

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



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LAB CHRONICLE

OrderID:	Q3215	OrderDate:	9/26/2025 8:43:00 AM
Client:	Sciacca General Contractors, LLC	Project:	507 Franklin Ave Nutley
Contact:	Rosanne Scirica	Location:	J41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3215-01	WASTE	SOIL	SVOC-PAH	8270E	09/25/25	09/29/25	09/29/25	09/25/25



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Hit Summary Sheet SW-846

SDG No.: Q3215

Client: Sciacca General Contractors, LLC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WASTE								
Q3215-01	WASTE	SOIL	Acenaphthylene	140.000	J	31.9	190	ug/Kg
Q3215-01	WASTE	SOIL	Fluorene	110.000	J	27.9	190	ug/Kg
Q3215-01	WASTE	SOIL	Phenanthrene	1,000.000		23	190	ug/Kg
Q3215-01	WASTE	SOIL	Anthracene	130.000	J	36.7	190	ug/Kg
Q3215-01	WASTE	SOIL	Fluoranthene	1,100.000		33.1	190	ug/Kg
Q3215-01	WASTE	SOIL	Pyrene	1,200.000		39.7	190	ug/Kg
Q3215-01	WASTE	SOIL	Benzo(a)anthracene	490.000		25.4	190	ug/Kg
Q3215-01	WASTE	SOIL	Chrysene	590.000		21.9	190	ug/Kg
Q3215-01	WASTE	SOIL	Benzo(b)fluoranthene	520.000		21	190	ug/Kg
Q3215-01	WASTE	SOIL	Benzo(k)fluoranthene	180.000	J	24.7	190	ug/Kg
Q3215-01	WASTE	SOIL	Benzo(a)pyrene	460.000		32.5	190	ug/Kg
Q3215-01	WASTE	SOIL	Indeno(1,2,3-cd)pyrene	190.000		32.1	190	ug/Kg
Q3215-01	WASTE	SOIL	Benzo(g,h,i)perylene	270.000		28.3	190	ug/Kg
Total Svoc :				6,380.00				
Total Concentration:				6,380.00				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3215

Client: Sciacca General Contractors, LLC

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169890BL	PB169890BL	Nitrobenzene-d5	100	80.0	80		18	107
		2-Fluorobiphenyl	100	84.3	84		20	109
		Terphenyl-d14	100	106	106	*	10	105
PB169890BS	PB169890BS	Nitrobenzene-d5	100	80.7	81		18	107
		2-Fluorobiphenyl	100	84.0	84		20	109
		Terphenyl-d14	100	99.3	99		10	105
Q3215-01	WASTE	Nitrobenzene-d5	100	43.4	43		18	107
		2-Fluorobiphenyl	100	51.0	51		20	109
		Terphenyl-d14	100	57.7	58		10	105
Q3230-01MS	WALL-PROBE-BRICK-1MS	Nitrobenzene-d5	100	56.6	57		18	107
		2-Fluorobiphenyl	100	50.9	51		20	109
		Terphenyl-d14	100	58.0	58		10	105
Q3230-01MSD	WALL-PROBE-BRICK-1MSD	Nitrobenzene-d5	100	57.8	58		18	107
		2-Fluorobiphenyl	100	51.7	52		20	109
		Terphenyl-d14	100	62.6	63		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3215

Analytical Method: SW8270E

Client: Sciacca General Contractors, LLC

DataFile: BF143824.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3230-01MS		Client Sample ID: WALL-PROBE-BRICK-1MS									
Naphthalene	1200	0	1100	ug/Kg	92				51	121	
Acenaphthylene	1200	0	1300	ug/Kg	108				57	125	
Acenaphthene	1200	0	1200	ug/Kg	100				70	121	
Fluorene	1200	0	1200	ug/Kg	100				53	118	
Phenanthrene	1200	81.0	1200	ug/Kg	93				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Fluoranthene	1200	96.8	1200	ug/Kg	92				44	125	
Pyrene	1200	90.5	1400	ug/Kg	109				37	122	
Benzo(a)anthracene	1200	0	1200	ug/Kg	100				53	119	
Chrysene	1200	0	1200	ug/Kg	100				57	121	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				52	117	
Benzo(k)fluoranthene	1200	0	1200	ug/Kg	100				57	134	
Benzo(a)pyrene	1200	0	1300	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1200	0	1100	ug/Kg	92				43	123	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				24	125	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3215

Analytical Method: SW8270E

Client: Sciaccia General Contractors, LLC

DataFile: BF143825.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3230-01MSD		Client Sample ID: WALL-PROBE-BRICK-1MSD									
Naphthalene	1200	0	1100	ug/Kg	92	0			51	121	20
Acenaphthylene	1200	0	1300	ug/Kg	108	0			57	125	20
Acenaphthene	1200	0	1200	ug/Kg	100	0			70	121	20
Fluorene	1200	0	1200	ug/Kg	100	0			53	118	20
Phenanthrene	1200	81.0	1200	ug/Kg	93	0			52	128	20
Anthracene	1200	0	1200	ug/Kg	100	8			62	124	20
Fluoranthene	1200	96.8	1200	ug/Kg	92	0			44	125	20
Pyrene	1200	90.5	1400	ug/Kg	109	0			37	122	20
Benzo(a)anthracene	1200	0	1200	ug/Kg	100	0			53	119	20
Chrysene	1200	0	1300	ug/Kg	108	8			57	121	20
Benzo(b)fluoranthene	1200	0	1300	ug/Kg	108	8			52	117	20
Benzo(k)fluoranthene	1200	0	1200	ug/Kg	100	0			57	134	20
Benzo(a)pyrene	1200	0	1300	ug/Kg	108	0			70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100	0			40	129	20
Dibenz(a,h)anthracene	1200	0	1200	ug/Kg	100	8			43	123	20
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100	0			24	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3215

Analytical Method: 8270E

Client: Sciacca General Contractors, LLC

DataFile: BF143822.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169890BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169890BL

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3215

Lab File ID: BF143821.D

Lab Sample ID: PB169890BL

Instrument ID: BNA_F

Date Extracted: 09/29/2025

Matrix: (soil/water) SOIL

Date Analyzed: 09/29/2025

Level: (low/med) LOW

Time Analyzed: 14:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169890BS	PB169890BS	BF143822.D	09/29/2025
WALL-PROBE-BRICK-1MS	Q3230-01MS	BF143824.D	09/29/2025
WALL-PROBE-BRICK-1MSD	Q3230-01MSD	BF143825.D	09/29/2025
WASTE	Q3215-01	BG064470.D	09/29/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143790.D
Instrument ID: BNA_F

Contract: SCIA01
SDG NO.: Q3215
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	33.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	98.5
443	15.0 - 24.0% of mass 442	18.6 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143791.D	09/23/2025	10:28
SSTDICC005	SSTDICC005	BF143792.D	09/23/2025	10:58
SSTDICC010	SSTDICC010	BF143793.D	09/23/2025	11:57
SSTDICC020	SSTDICC020	BF143794.D	09/23/2025	12:27
SSTDICCC040	SSTDICCC040	BF143795.D	09/23/2025	13:59
SSTDICC050	SSTDICC050	BF143796.D	09/23/2025	14:28
SSTDICC060	SSTDICC060	BF143797.D	09/23/2025	14:58
SSTDICC080	SSTDICC080	BF143798.D	09/23/2025	15:27



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143819.D
Instrument ID: BNA_F

Contract: SCIA01
SDG NO.: Q3215
DFTPP Injection Date: 09/29/2025
DFTPP Injection Time: 10:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	33.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	2.4
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	68
443	15.0 - 24.0% of mass 442	13 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143820.D	09/29/2025	11:09
PB169890BL	PB169890BL	BF143821.D	09/29/2025	14:42
PB169890BS	PB169890BS	BF143822.D	09/29/2025	15:11
WALL-PROBE-BRICK-1MS	Q3230-01MS	BF143824.D	09/29/2025	16:14
WALL-PROBE-BRICK-1MSD	Q3230-01MSD	BF143825.D	09/29/2025	16:44



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064440.D
Instrument ID: BNA_G

Contract: SCIA01
SDG NO.: Q3215
DFTPP Injection Date: 09/25/2025
DFTPP Injection Time: 11:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.2 (0.8) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	6.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064441.D	09/25/2025	11:55
SSTDICC005	SSTDICC005	BG064442.D	09/25/2025	12:37
SSTDICC020	SSTDICC020	BG064444.D	09/25/2025	13:59
SSTDICC050	SSTDICC050	BG064446.D	09/25/2025	15:22
SSTDICC080	SSTDICC080	BG064448.D	09/25/2025	16:44
SSTDICC010	SSTDICC010	BG064449.D	09/25/2025	18:04
SSTDICCC040	SSTDICCC040	BG064450.D	09/25/2025	18:45
SSTDICC060	SSTDICC060	BG064451.D	09/25/2025	19:26



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064455.D
Instrument ID: BNA_G

Contract: SCIA01
SDG NO.: Q3215
DFTPP Injection Date: 09/29/2025
DFTPP Injection Time: 11:41

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	27.9
70	Less than 2.0% of mass 69	0.3 (0.9) 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	6.2
365	Greater than 1% of mass 198	5.7
441	Present, but less than mass 443	6.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064456.D	09/29/2025	12:21
WASTE	Q3215-01	BG064470.D	09/29/2025	22:03

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3215

Client ID : SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BF143820.D

Time Analyzed: 11:09

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	142387	6.887	519222	8.17	254612	9.92
UPPER LIMIT	284774	7.387	1038440	8.669	509224	10.422
LOWER LIMIT	71193.5	6.387	259611	7.669	127306	9.422
EPA SAMPLE NO.						
01 PB169890BL	168062	6.89	649975	8.16	352419	9.92
02 PB169890BS	174542	6.89	648417	8.17	329040	9.93
03 WALL-PROBE-BRICK-1MS	137049	6.89	530817	8.17	285401	9.93
04 WALL-PROBE-BRICK-1MSD	130106	6.89	506656	8.17	272537	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.: Q3215

Client ID: SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BF143820.D

Time Analyzed: 11:09

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	385063	11.41	381857	14.057	549227	15.533
UPPER LIMIT	770126	11.91	763714	14.557	1098450	16.033
LOWER LIMIT	192532	10.91	190929	13.557	274614	15.033
EPA SAMPLE NO.						
01 PB169890BL	599933	11.41	534791	14.06	568781	15.53
02 PB169890BS	502052	11.42	448913	14.06	653832	15.53
03 WALL-PROBE-BRICK-1MS	471804	11.42	415535	14.06	597788	15.53
04 WALL-PROBE-BRICK-1MSD	450489	11.42	392846	14.06	560812	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3215

Client ID : SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BG064456.D

Time Analyzed: 12:21

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	15748	7.835	66555	10.63	56473	14.46
UPPER LIMIT	31496	8.335	133110	11.126	112946	14.963
LOWER LIMIT	7874	7.335	33277.5	10.126	28236.5	13.963
EPA SAMPLE NO.						
01 WASTE	23491	7.84	97197	10.62	68515	14.46

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.: Q3215

Client ID: SSTDCCC040

Date Analyzed: 09/29/2025

Lab File ID: BG064456.D

Time Analyzed: 12:21

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	131242	17.201	160574	21.431	177303	24.428
UPPER LIMIT	262484	17.701	321148	21.931	354606	24.928
LOWER LIMIT	65621	16.701	80287	20.931	88651.5	23.928
EPA SAMPLE NO.						
WASTE	148242	17.20	160128	21.43	172776	24.43

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:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	507 Franklin Ave Nutley	Date Received:	09/25/25
Client Sample ID:	WASTE	SDG No.:	Q3215
Lab Sample ID:	Q3215-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BG064470.D	1	09/29/25 09:15	09/29/25 22:03	PB169890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
208-96-8	Acenaphthylene	140	J	31.9	190	ug/Kg
83-32-9	Acenaphthene	23.5	U	23.5	190	ug/Kg
86-73-7	Fluorene	110	J	27.9	190	ug/Kg
85-01-8	Phenanthrene	1000		23.0	190	ug/Kg
120-12-7	Anthracene	130	J	36.7	190	ug/Kg
206-44-0	Fluoranthene	1100		33.1	190	ug/Kg
129-00-0	Pyrene	1200		39.7	190	ug/Kg
56-55-3	Benzo(a)anthracene	490		25.4	190	ug/Kg
218-01-9	Chrysene	590		21.9	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		21.0	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	460		32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190		32.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2	U	30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270		28.3	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	43.4		18 - 107	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.0		20 - 109	51%	SPK: 100
1718-51-0	Terphenyl-d14	57.7		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	23500		7.836		
1146-65-2	Naphthalene-d8	97200		10.621		
15067-26-2	Acenaphthene-d10	68500		14.457		
1517-22-2	Phenanthrene-d10	148000		17.201		
1719-03-5	Chrysene-d12	160000		21.426		
1520-96-3	Perylene-d12	173000		24.428		

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/25/25
Project:	507 Franklin Ave Nutley	Date Received:	09/25/25
Client Sample ID:	WASTE	SDG No.:	Q3215
Lab Sample ID:	Q3215-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BG064470.D	1	09/29/25 09:15	09/29/25 22:03	PB169890

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_G\Data\BG092925\
 Data File : BG064470.D
 Acq On : 29 Sep 2025 22:03
 Operator : RC/JU
 Sample : Q3215-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE

Quant Time: Sep 30 06:58:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

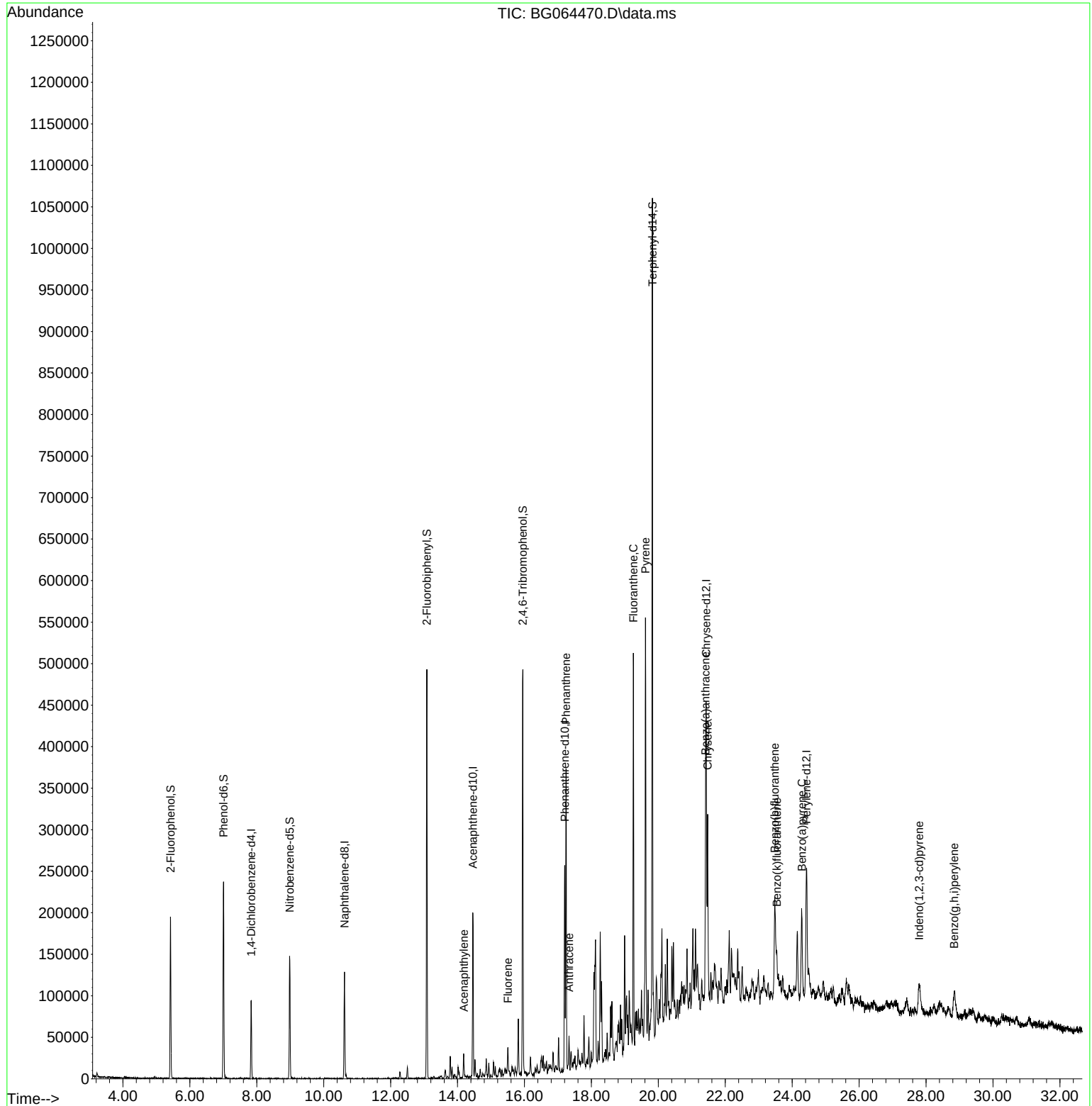
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	23491	20.000	ng	0.00
21) Naphthalene-d8	10.621	136	97197	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	68515	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	148242	20.000	ng	# 0.00
76) Chrysene-d12	21.426	240	160128	20.000	ng	0.00
86) Perylene-d12	24.428	264	172776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.421	112	76745	62.431	ng	0.00
7) Phenol-d6	7.007	99	109925	65.272	ng	0.00
23) Nitrobenzene-d5	8.981	82	77837	43.400	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	94909	79.348	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	236869	51.050	ng	0.00
79) Terphenyl-d14	19.822	244	468651	57.694	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.187	152	20333	3.697	ng	# 95
58) Fluorene	15.503	166	15213	2.953	ng	# 95
71) Phenanthrene	17.242	178	218406	28.345	ng	99
72) Anthracene	17.330	178	26719	3.405	ng	99
75) Fluoranthene	19.258	202	282326	29.016	ng	98
78) Pyrene	19.616	202	319178	32.124	ng	99
81) Benzo(a)anthracene	21.408	228	135462	13.212	ng	# 97
83) Chrysene	21.473	228	154859	15.949	ng	# 96
87) Indeno(1,2,3-cd)pyrene	27.789	276	63623	5.210	ng	# 87
88) Benzo(b)fluoranthene	23.482	252	140762	14.212	ng	# 91
89) Benzo(k)fluoranthene	23.541	252	47731m	4.817	ng	
90) Benzo(a)pyrene	24.287	252	114010	12.426	ng	99
92) Benzo(g,h,i)perylene	28.840	276	70770	7.444	ng	# 93

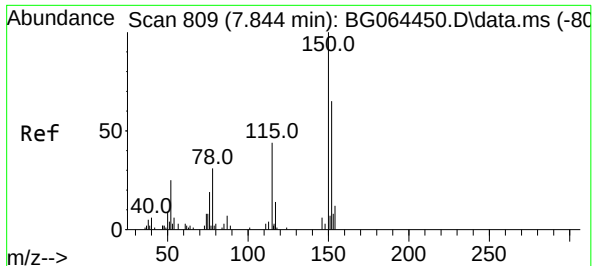
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064470.D
Acq On : 29 Sep 2025 22:03
Operator : RC/JU
Sample : Q3215-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WASTE

Quant Time: Sep 30 06:58:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

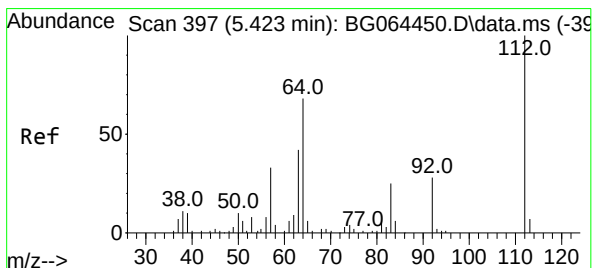
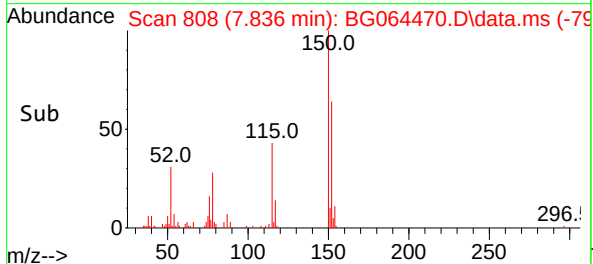
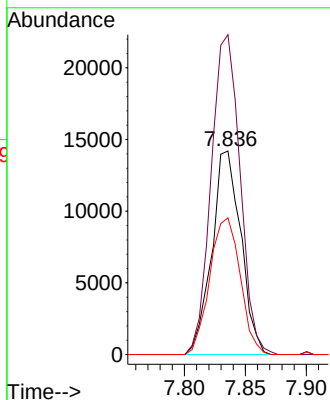
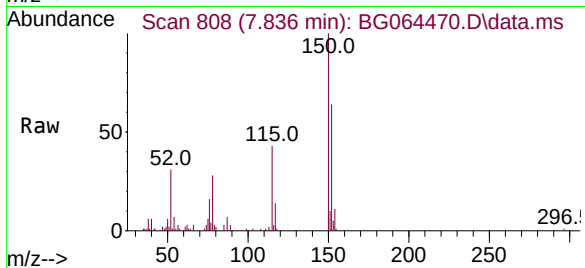




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.836 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

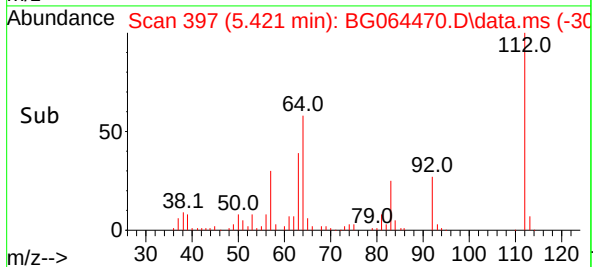
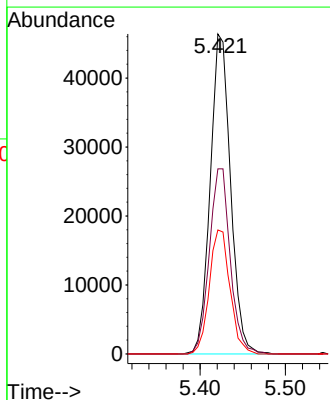
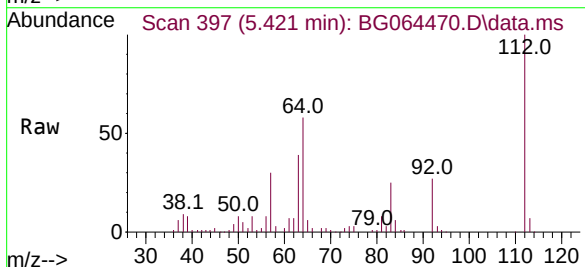
Instrument :
BNA_G
ClientSampleId :
WASTE

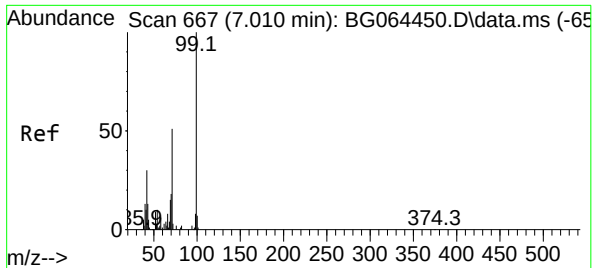
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.9	184.3
115	67.1	54.3	81.5



#5
2-Fluorophenol
Concen: 62.431 ng
RT: 5.421 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

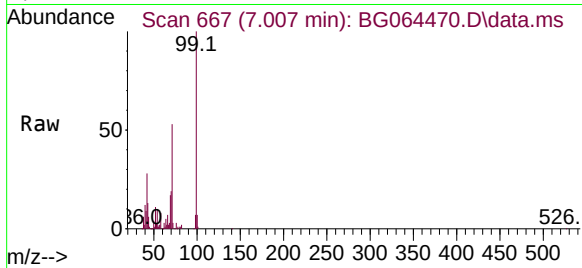
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	54.0	81.0
63	38.7	33.8	50.6



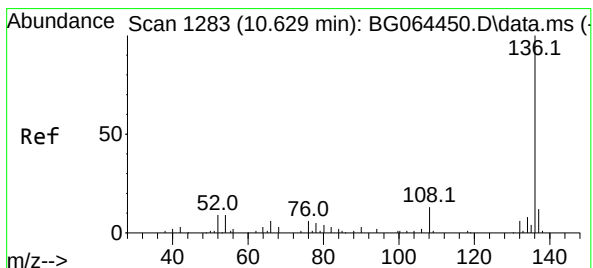
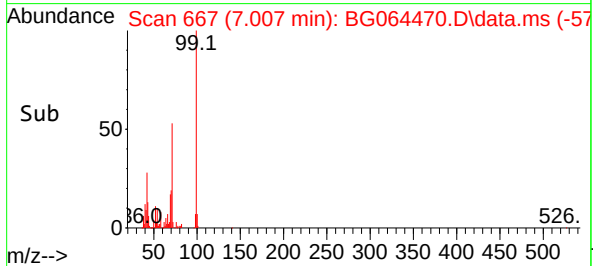
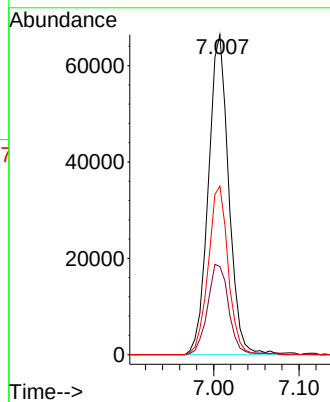


#7
Phenol-d6
Concen: 65.272 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Instrument :
BNA_G
ClientSampleId :
WASTE

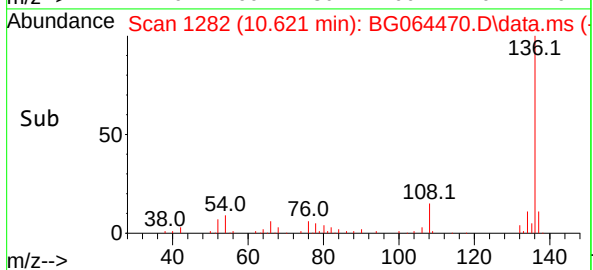
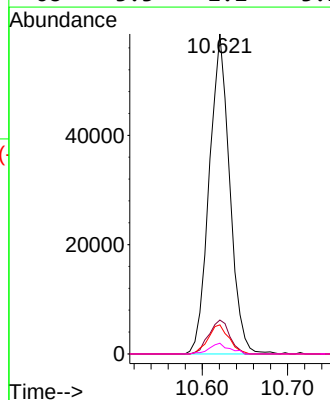
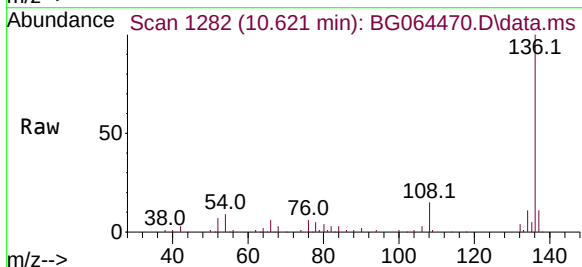


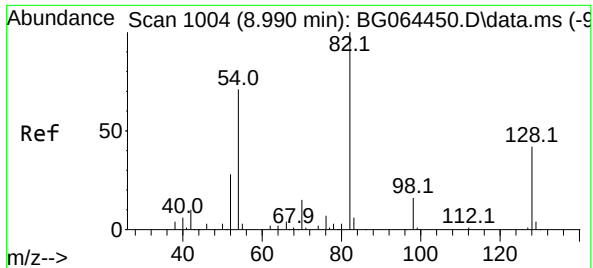
Tgt Ion: 99 Resp: 109925
Ion Ratio Lower Upper
99 100
42 27.5 24.0 36.0
71 52.6 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Tgt Ion:136 Resp: 97197
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 9.1 7.4 11.2
68 3.3 2.2 3.2#





#23

Nitrobenzene-d5

Concen: 43.400 ng

RT: 8.981 min Scan# 10

Delta R.T. -0.008 min

Lab File: BG064470.D

Acq: 29 Sep 2025 22:03

Instrument :

BNA_G

ClientSampleId :

WASTE

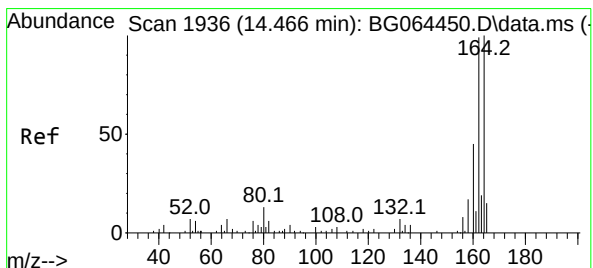
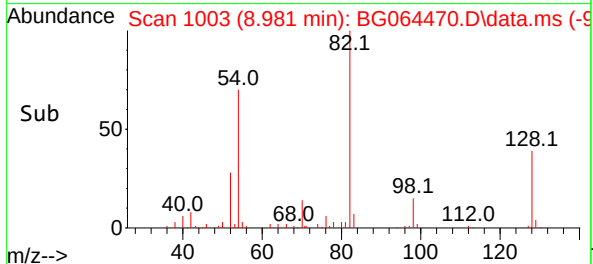
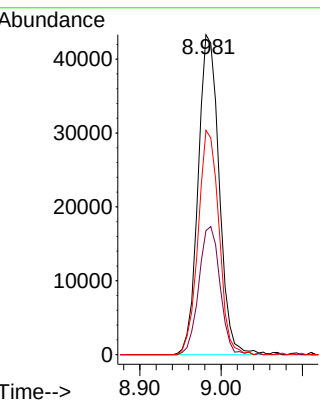
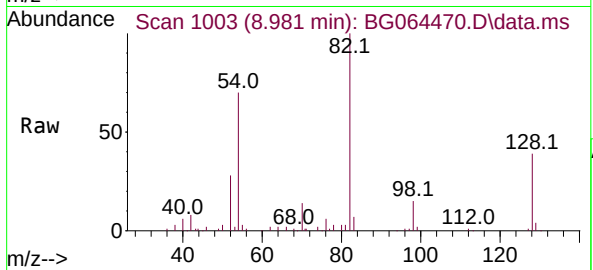
Tgt Ion: 82 Resp: 77837

Ion Ratio Lower Upper

82 100

128 38.7 33.7 50.5

54 70.1 57.0 85.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.008 min

Lab File: BG064470.D

Acq: 29 Sep 2025 22:03

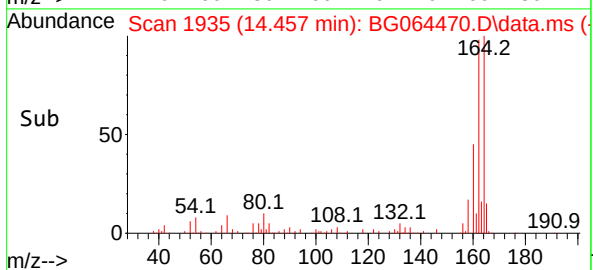
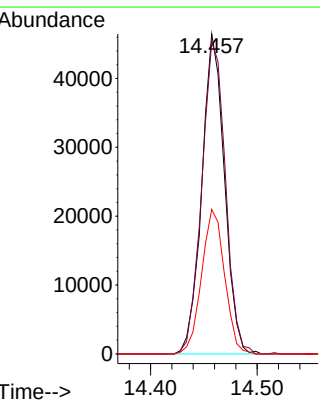
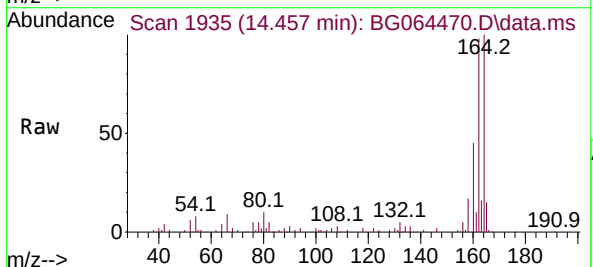
Tgt Ion:164 Resp: 68515

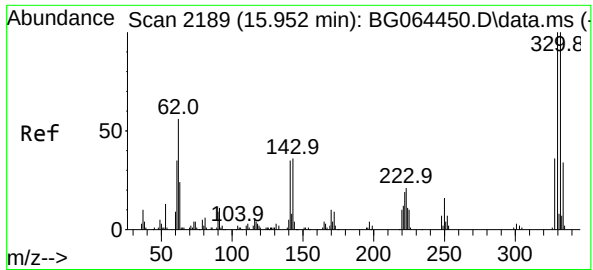
Ion Ratio Lower Upper

164 100

162 97.6 79.0 118.4

160 45.1 36.3 54.5

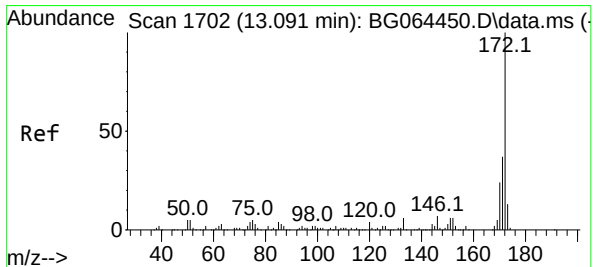
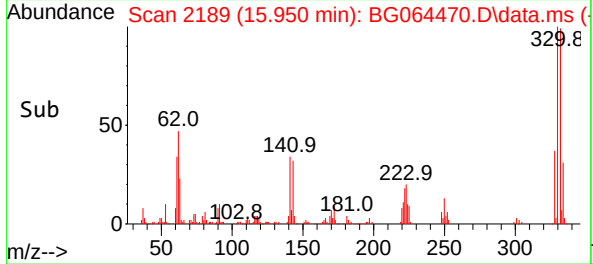
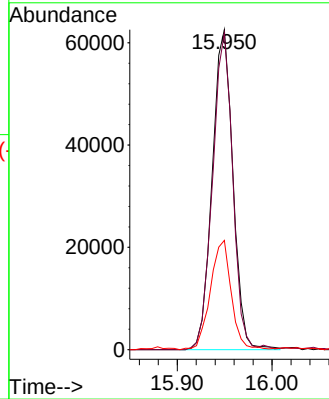
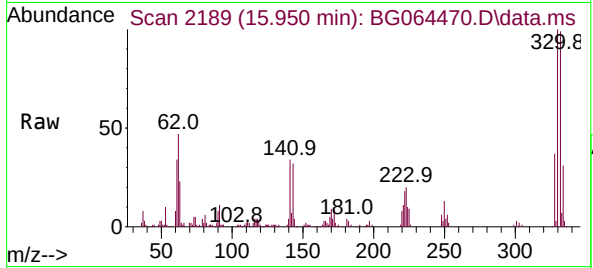




#42
2,4,6-Tribromophenol
Concen: 79.348 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

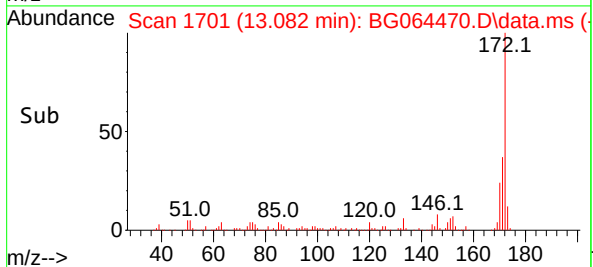
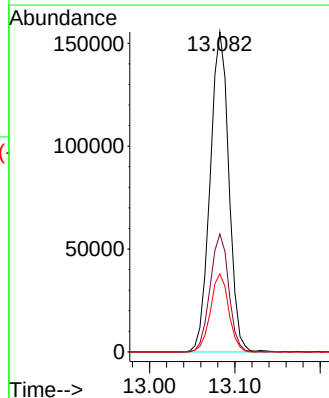
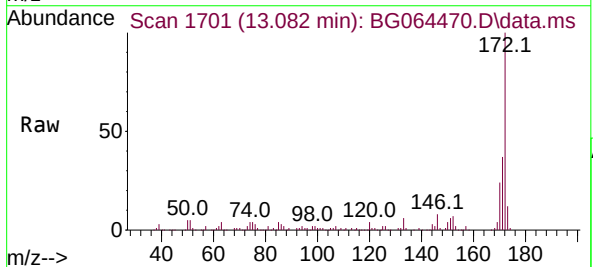
Instrument :
BNA_G
ClientSampleId :
WASTE

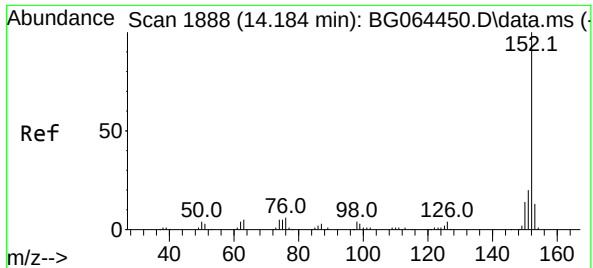
Tgt Ion:330 Resp: 94909
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 34.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 51.050 ng
RT: 13.082 min Scan# 1701
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

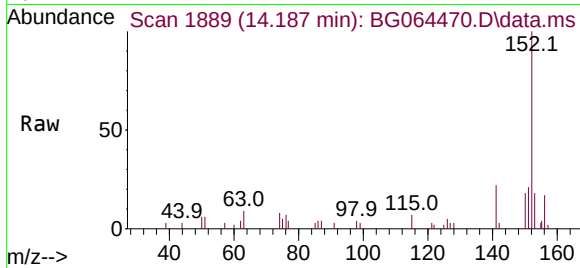
Tgt Ion:172 Resp: 236869
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.2
170 24.4 18.9 28.3



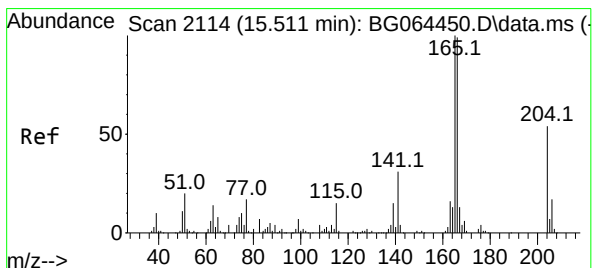
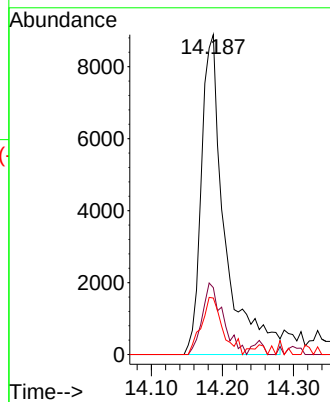
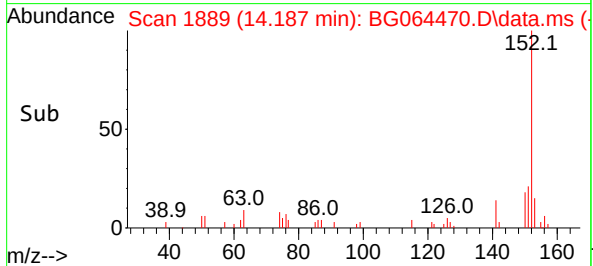


#49
Acenaphthylene
Concen: 3.697 ng
RT: 14.187 min Scan# 1889
Delta R.T. 0.003 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

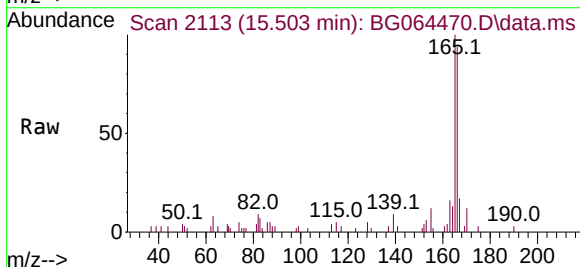
Instrument :
BNA_G
ClientSampleId :
WASTE



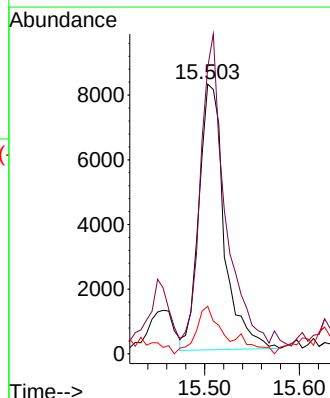
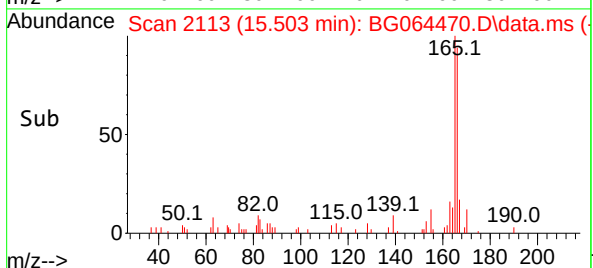
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	17.7	10.6	16.0

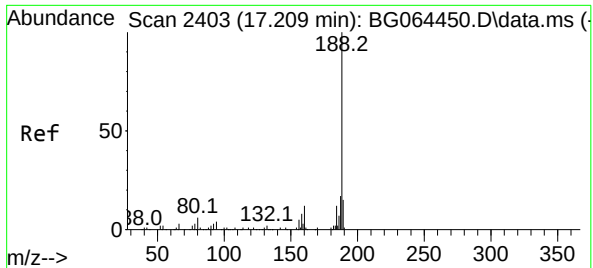


#58
Fluorene
Concen: 2.953 ng
RT: 15.503 min Scan# 2113
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03



Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.3	81.1	121.7
167	17.6	10.9	16.3

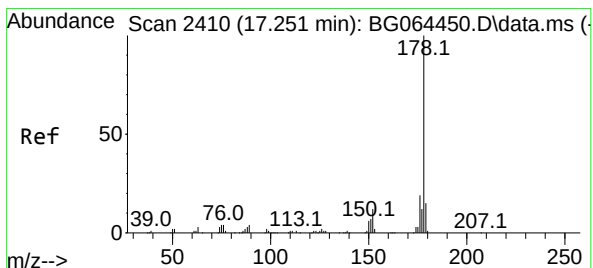
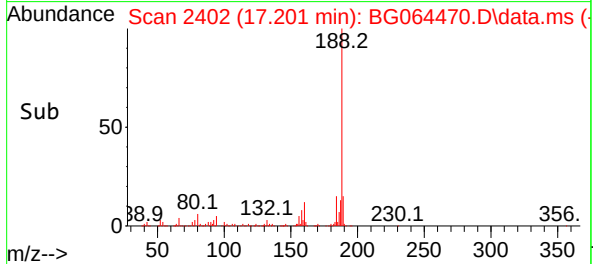
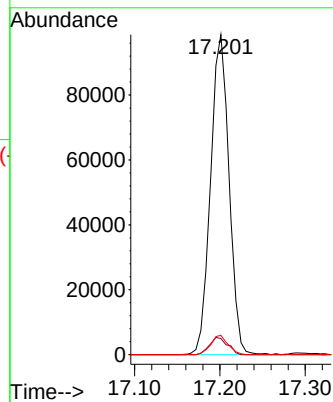
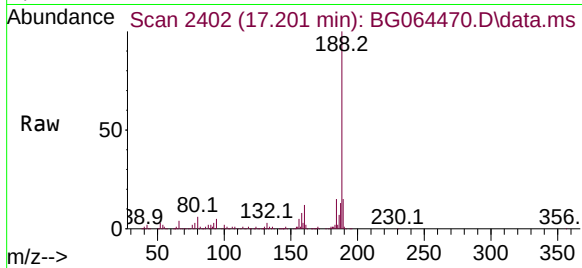




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

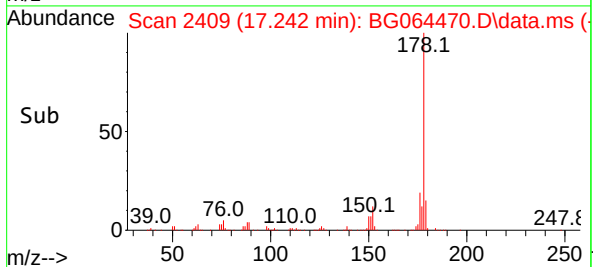
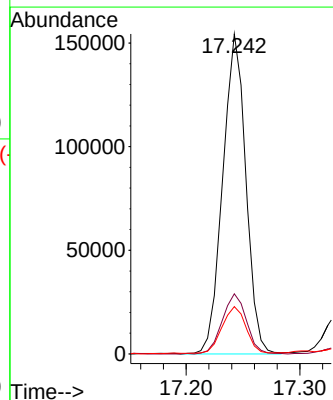
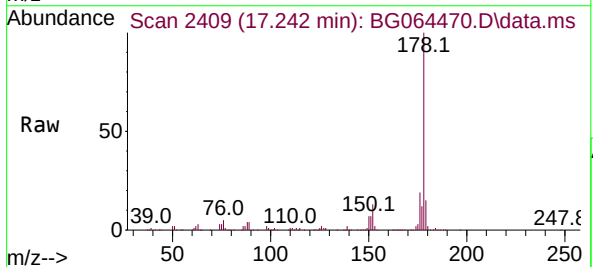
Instrument :
BNA_G
ClientSampleId :
WASTE

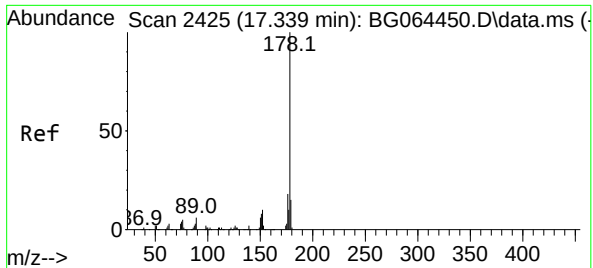
Tgt Ion:188 Resp: 148242
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.4#
80 6.0 4.9 7.3



#71
Phenanthrene
Concen: 28.345 ng
RT: 17.242 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Tgt Ion:178 Resp: 218406
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 14.8 12.4 18.6

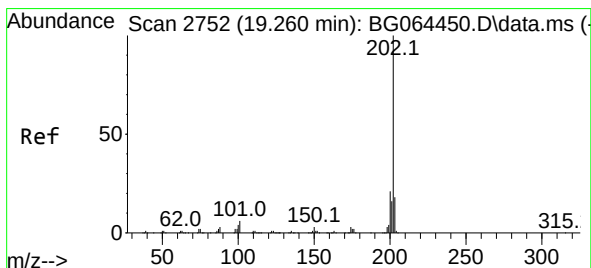
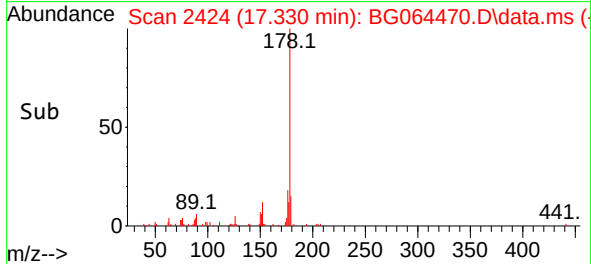
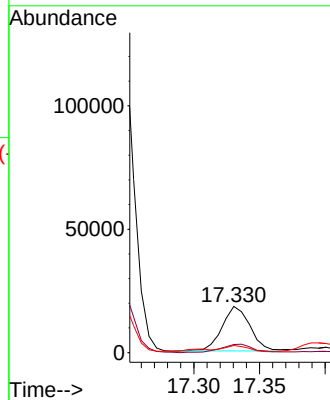
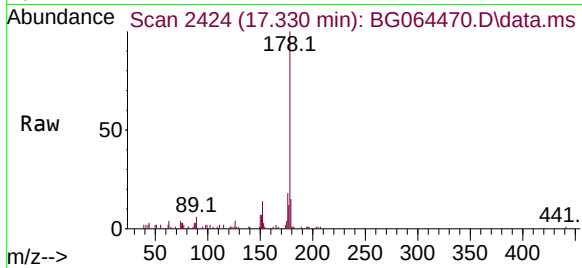




#72
 Anthracene
 Concen: 3.405 ng
 RT: 17.330 min Scan# 2425
 Delta R.T. -0.008 min
 Lab File: BG064470.D
 Acq: 29 Sep 2025 22:03

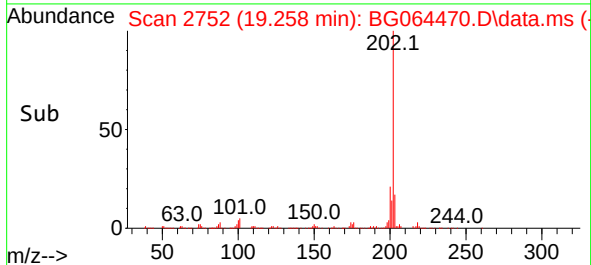
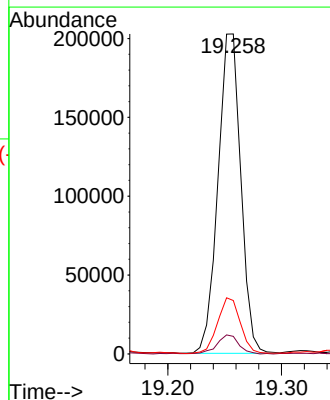
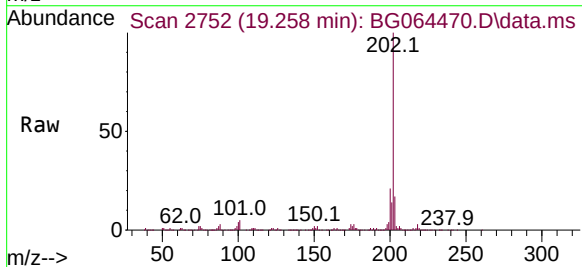
Instrument :
 BNA_G
 ClientSampleId :
 WASTE

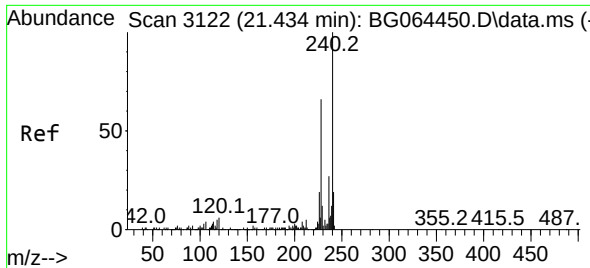
Tgt Ion:178 Resp: 26719
 Ion Ratio Lower Upper
 178 100
 176 17.5 14.5 21.7
 179 15.3 11.9 17.9



#75
 Fluoranthene
 Concen: 29.016 ng
 RT: 19.258 min Scan# 2752
 Delta R.T. -0.002 min
 Lab File: BG064470.D
 Acq: 29 Sep 2025 22:03

Tgt Ion:202 Resp: 282326
 Ion Ratio Lower Upper
 202 100
 101 5.5 0.0 25.6
 203 16.7 0.0 37.7

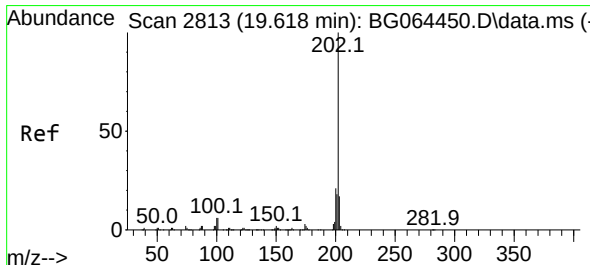
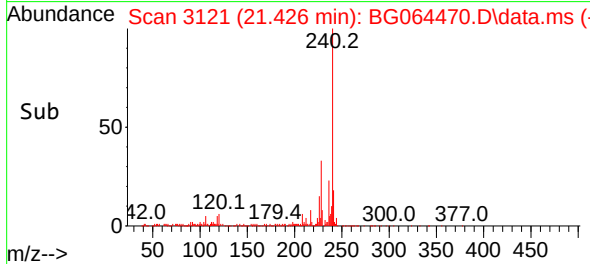
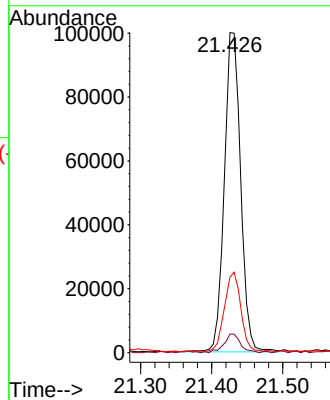
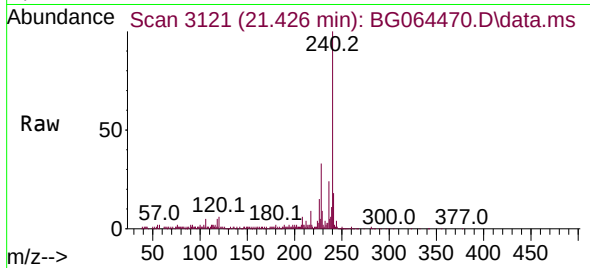




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.426 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

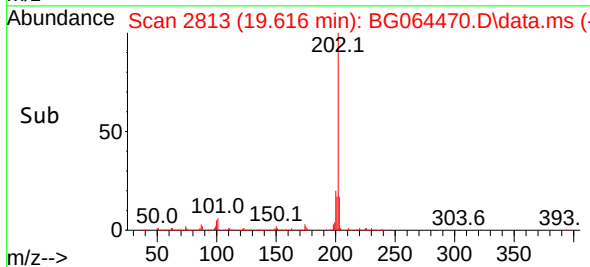
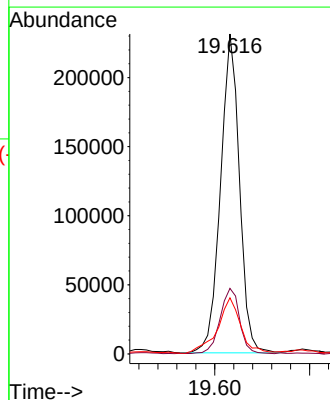
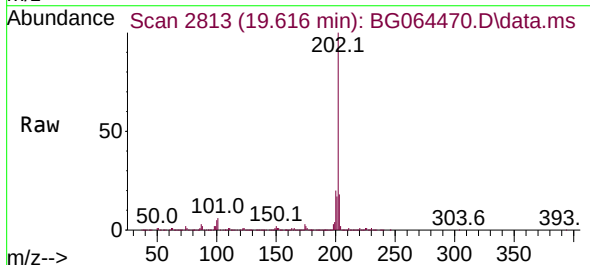
Instrument :
BNA_G
ClientSampleId :
WASTE

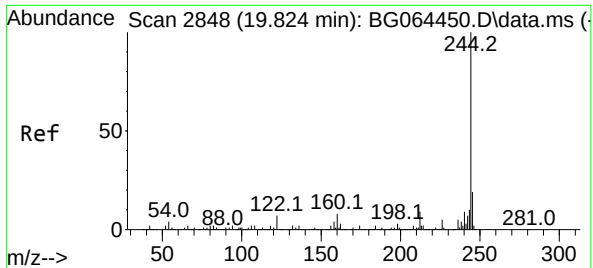
Tgt Ion:240 Resp: 160128
Ion Ratio Lower Upper
240 100
120 5.8 5.0 7.4
236 23.6 21.9 32.9



#78
Pyrene
Concen: 32.124 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.002 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Tgt Ion:202 Resp: 319178
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 17.5 13.8 20.6

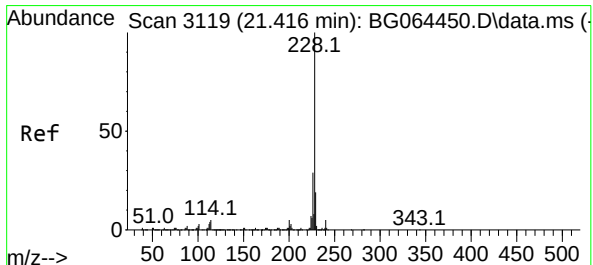
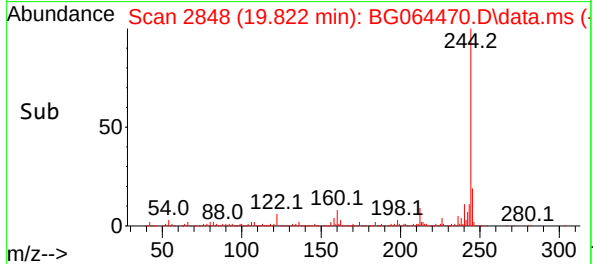
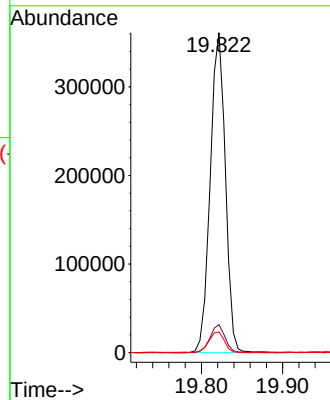
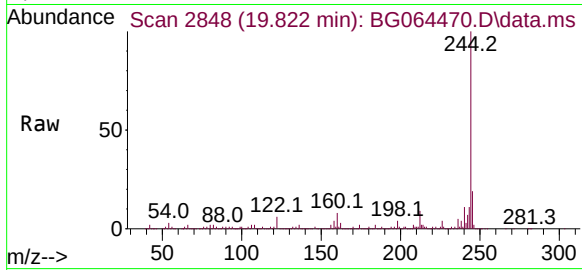




#79
 Terphenyl-d14
 Concen: 57.694 ng
 RT: 19.822 min Scan# 2848
 Delta R.T. -0.002 min
 Lab File: BG064470.D
 Acq: 29 Sep 2025 22:03

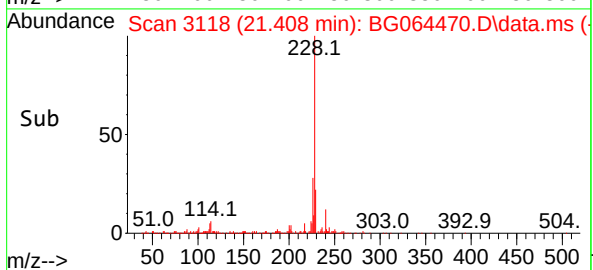
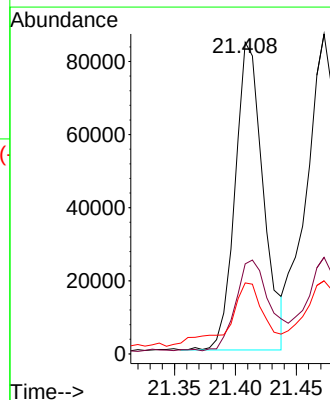
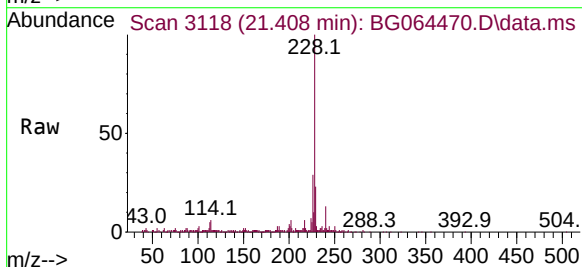
Instrument :
 BNA_G
 ClientSampleId :
 WASTE

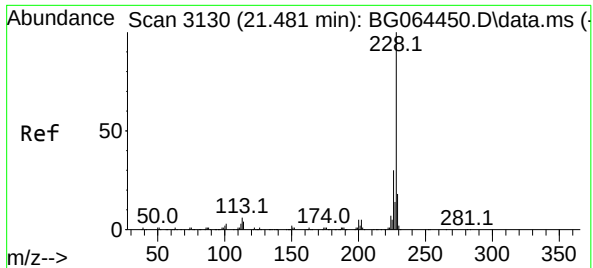
Tgt Ion:244 Resp: 468651
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.2 10.8
 122 6.5 5.7 8.5



#81
 Benzo(a)anthracene
 Concen: 13.212 ng
 RT: 21.408 min Scan# 3118
 Delta R.T. -0.008 min
 Lab File: BG064470.D
 Acq: 29 Sep 2025 22:03

Tgt Ion:228 Resp: 135462
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.0 34.6
 229 22.8 15.1 22.7#

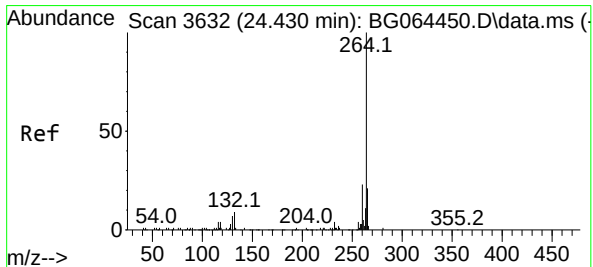
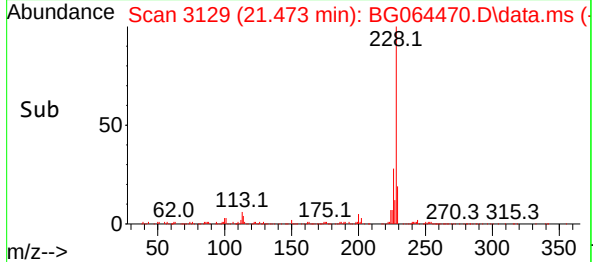
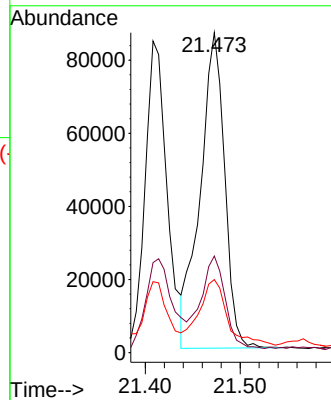
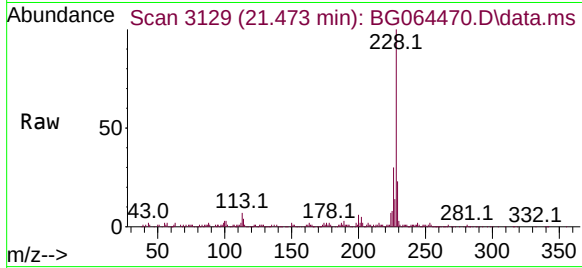




#83
Chrysene
Concen: 15.949 ng
RT: 21.473 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

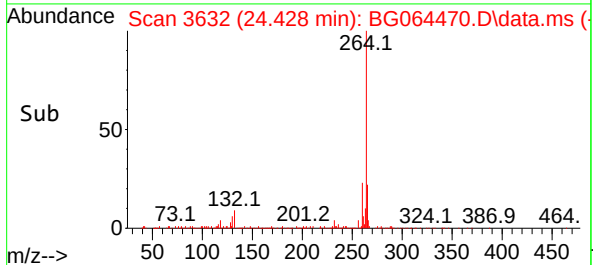
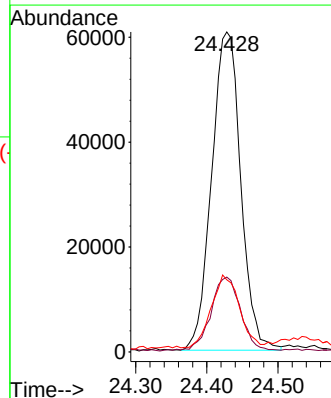
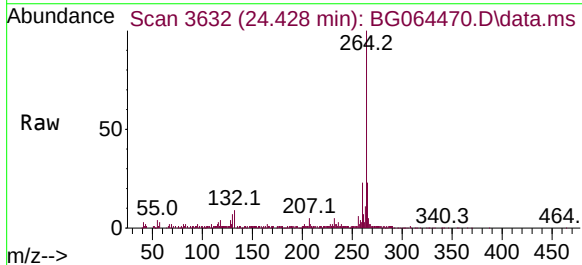
Instrument :
BNA_G
ClientSampleId :
WASTE

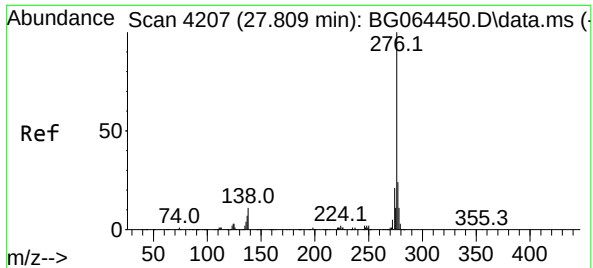
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.9	14.7	22.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.002 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.5	16.7	25.1

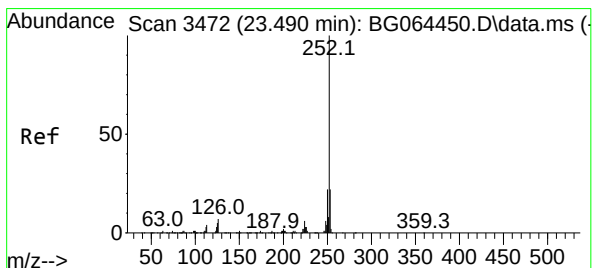
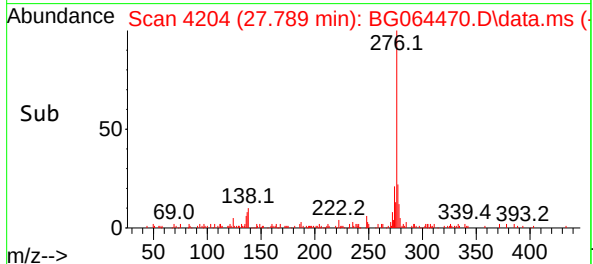
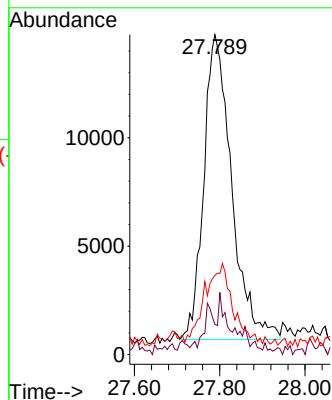
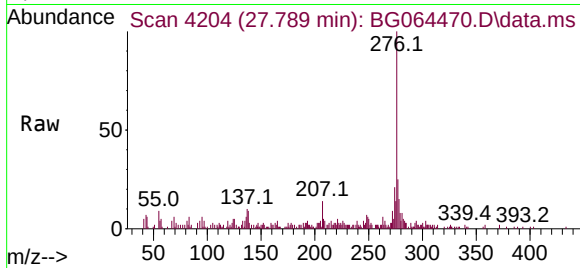




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.210 ng
RT: 27.789 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

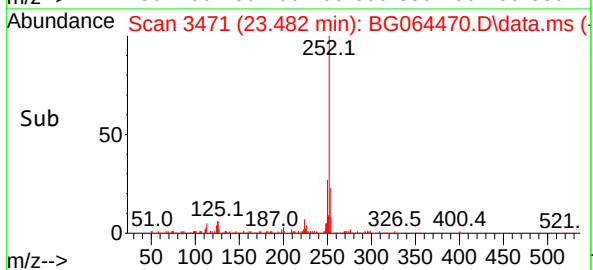
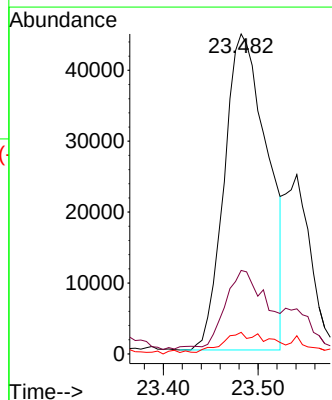
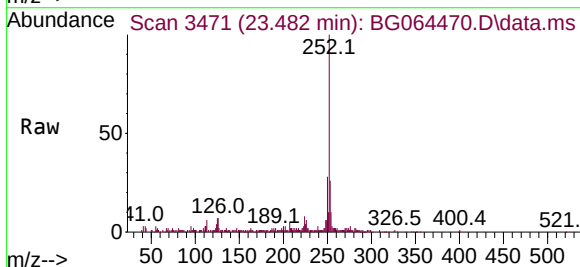
Instrument :
BNA_G
ClientSampleId :
WASTE

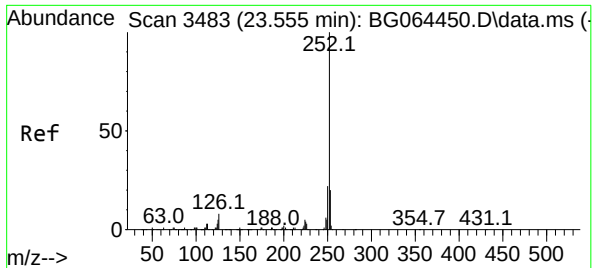
Tgt Ion:276 Resp: 63623
Ion Ratio Lower Upper
276 100
138 2.2 10.3 15.5#
277 26.7 19.2 28.8



#88
Benzo(b)fluoranthene
Concen: 14.212 ng
RT: 23.482 min Scan# 3471
Delta R.T. -0.008 min
Lab File: BG064470.D
Acq: 29 Sep 2025 22:03

Tgt Ion:252 Resp: 140762
Ion Ratio Lower Upper
252 100
253 26.1 17.3 25.9#
125 6.7 4.2 6.2#





#89

Benzo(k)fluoranthene

Concen: 4.817 ng m

RT: 23.541 min Scan# 34

Delta R.T. -0.014 min

Lab File: BG064470.D

Acq: 29 Sep 2025 22:03

Instrument :

BNA_G

ClientSampleId :

WASTE

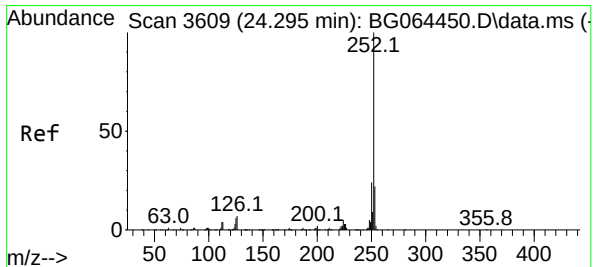
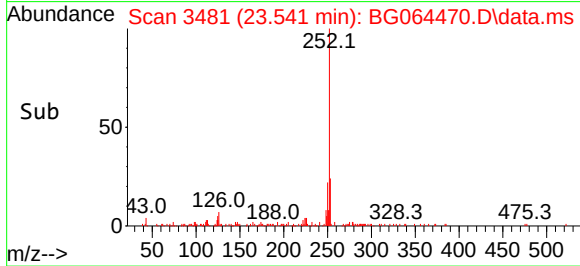
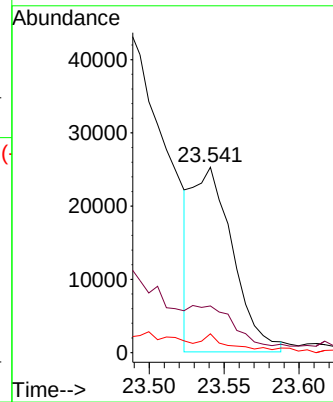
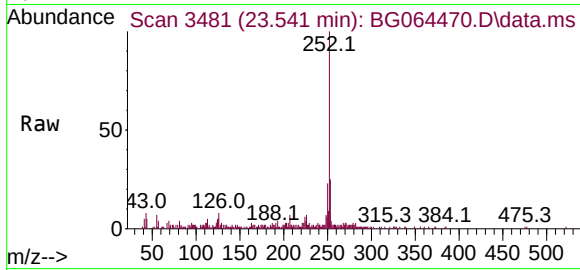
Tgt Ion:252 Resp: 47731

Ion Ratio Lower Upper

252 100

253 25.1 16.6 24.8#

125 5.2 4.4 6.6



#90

Benzo(a)pyrene

Concen: 12.426 ng

RT: 24.287 min Scan# 3608

Delta R.T. -0.008 min

Lab File: BG064470.D

Acq: 29 Sep 2025 22:03

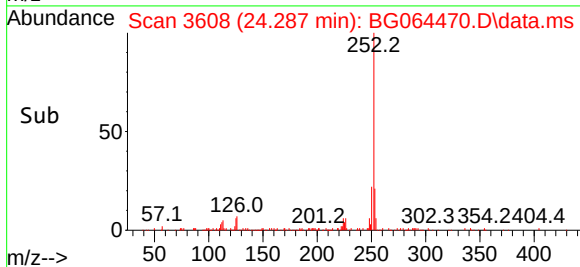
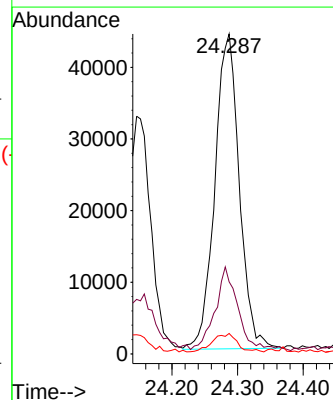
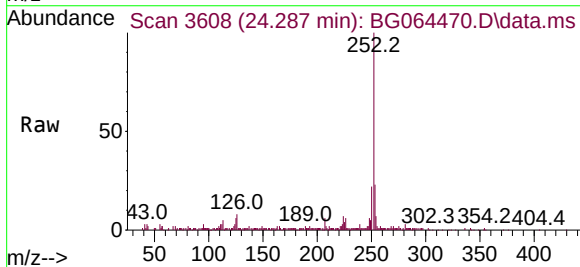
Tgt Ion:252 Resp: 114010

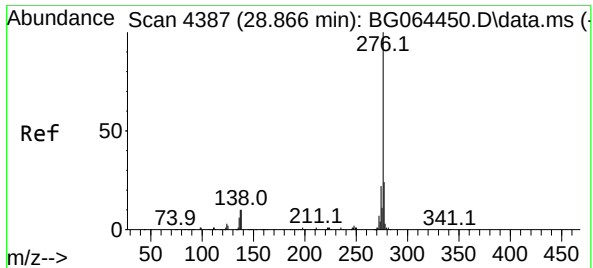
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 6.4 4.6 7.0





#92

Benzo(g,h,i)perylene

Concen: 7.444 ng

RT: 28.840 min Scan# 43

Delta R.T. -0.026 min

Lab File: BG064470.D

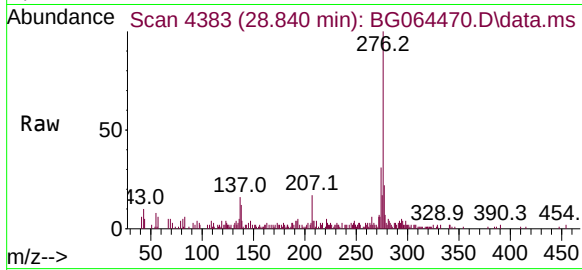
Acq: 29 Sep 2025 22:03

Instrument :

BNA_G

ClientSampleId :

WASTE



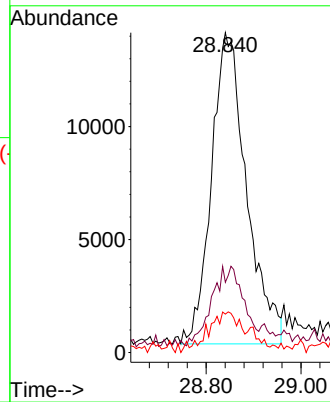
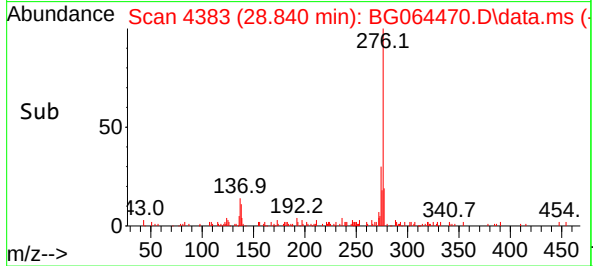
Tgt Ion:276 Resp: 70770

Ion Ratio Lower Upper

276 100

277 22.0 19.3 28.9

138 15.8 8.2 12.4#





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: SCIA01Lab Code: ACESDG No.: Q3215Instrument ID: BNA_FCalibration Date(s): 09/23/2025 09/23/2025Calibration Time(s): 10:28 15:27

LAB FILE ID:		RRF2.5 = BF143791.D		RRF005 = BF143792.D		RRF010 = BF143793.D		
		RRF020 = BF143794.D		RRF040 = BF143795.D		RRF050 = BF143796.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol			1.258	1.326	1.329	1.156	1.231	7.1
Phenol-d6			1.507	1.530	1.523	1.336	1.422	7.9
Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.327	5.4
Naphthalene		1.058	1.021	1.020	1.003	0.887	0.957	9.3
2-Fluorobiphenyl			1.476	1.460	1.351	1.154	1.282	13.1
Acenaphthylene		1.729	1.659	1.700	1.691	1.499	1.604	7.3
Acenaphthene		1.134	1.121	1.123	1.109	0.974	1.056	7.9
Fluorene		1.275	1.210	1.190	1.147	1.005	1.110	11.3
2,4,6-Tribromophenol			0.303	0.324	0.328	0.281	0.296	8.8
Phenanthrene		1.145	1.066	1.071	1.082	0.948	1.027	8.3
Anthracene		1.096	1.069	1.088	1.083	0.965	1.030	6.7
Fluoranthene		1.019	1.046	1.099	1.144	0.953	1.033	6.8
Pyrene		1.038	0.982	0.991	1.005	0.990	0.983	5.5
Terphenyl-d14			1.044	1.013	1.022	0.981	0.983	7.0
Benzo (a) anthracene		1.109	1.081	1.083	1.148	1.040	1.074	4.6
Chrysene		1.041	0.985	0.996	1.018	0.909	0.972	5.2
Benzo (b) fluoranthene		0.987	1.004	1.029	1.104	1.002	1.019	3.9
Benzo (k) fluoranthene		1.061	1.004	1.080	1.089	0.996	1.023	6.2
Benzo (a) pyrene		0.928	0.920	0.989	1.027	0.949	0.957	4.2
Indeno (1,2,3-cd) pyrene		1.483	1.426	1.580	1.608	1.509	1.517	4.3
Dibenzo (a,h) anthracene		1.207	1.187	1.302	1.332	1.237	1.241	4.9
Benzo (g,h,i) perylene		1.134	1.116	1.234	1.279	1.200	1.196	5.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Sep 24 05:00:00 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143791.D 5 =BF143792.D 10 =BF143793.D 20 =BF143794.D 40 =BF143795.D 50 =BF143796.D 60 =BF143797.D 80 =BF143798.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.594	0.575	0.598	0.640	0.558	0.582	0.577	0.589		4.40
3)	Pyridine	1.585	1.522	1.624	1.724	1.535	1.603	1.541	1.590		4.40
4)	n-Nitrosodimet...		0.744	0.812	0.851	0.775	0.818	0.785	0.797		4.71
5) S	2-Fluorophenol		1.258	1.326	1.329	1.156	1.193	1.124	1.231		7.08
6)	Aniline	2.283	2.120	2.158	2.145	1.940	1.978	1.826	2.064		7.55
7) S	Phenol-d6		1.507	1.530	1.523	1.336	1.371	1.267	1.422		7.90
8)	2-Chlorophenol	1.304	1.254	1.329	1.335	1.209	1.244	1.146	1.260		5.45
9)	Benzaldehyde		1.066	0.952	1.467	1.327	1.538	1.123	1.246		18.81
10) C	Phenol	1.762	1.708	1.737	1.748	1.534	1.622	1.463	1.653		7.07
11)	bis(2-Chloroet...	1.387	1.321	1.347	1.367	1.223	1.270	1.156	1.296		6.47
12)	1,3-Dichlorobe...	1.622	1.493	1.556	1.544	1.345	1.385	1.297	1.463		8.34
13) C	1,4-Dichlorobe...	1.634	1.496	1.549	1.537	1.339	1.380	1.287	1.460		8.68
14)	1,2-Dichlorobe...	1.558	1.407	1.465	1.449	1.277	1.309	1.215	1.383		8.73
15)	Benzyl Alcohol		1.022	1.074	1.088	1.004	1.042	0.936	1.028		5.32
16)	2,2'-oxybis(1-...	3.320	3.136	3.224	3.231	2.896	2.966	2.738	3.073		6.87
17)	2-Methylphenol	1.033	0.990	1.009	1.021	0.938	0.959	0.880	0.976		5.52
18)	Hexachloroethane	0.555	0.512	0.543	0.543	0.482	0.493	0.468	0.514		6.60
19) P	n-Nitroso-di-n...	1.078	0.991	0.932	0.926	0.914	0.842	0.869	0.764	0.915	10.34
20)	3+4-Methylphenols		1.292	1.256	1.274	1.137	1.147	1.023	1.188		8.78
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.500	0.466	0.468	0.463	0.401	0.404	0.373	0.439		10.54
23) S	Nitrobenzene-d5		0.309	0.339	0.353	0.322	0.330	0.308	0.327		5.40
24)	Nitrobenzene	0.362	0.354	0.369	0.389	0.357	0.361	0.342	0.362		3.96
25)	Isophorone	0.667	0.636	0.649	0.673	0.624	0.634	0.575	0.637		5.11
26) C	2-Nitrophenol	0.089	0.104	0.125	0.148	0.150	0.156	0.150	0.132		20.10
27)	2,4-Dimethylph...	0.292	0.280	0.291	0.303	0.280	0.286	0.261	0.285		4.65
28)	bis(2-Chloroet...	0.455	0.430	0.430	0.437	0.393	0.392	0.360	0.414		8.03
29) C	2,4-Dichloroph...	0.277	0.286	0.288	0.298	0.273	0.278	0.260	0.280		4.37
30)	1,2,4-Trichlor...	0.314	0.288	0.304	0.309	0.275	0.279	0.264	0.291		6.52
31)	Naphthalene	1.058	1.021	1.020	1.003	0.887	0.888	0.826	0.957		9.26
32)	Benzoic acid		0.124	0.091	0.140	0.148	0.159	0.161	0.137		19.26
33)	4-Chloroaniline	0.360	0.347	0.353	0.355	0.323	0.323	0.295	0.336		7.04
34) C	Hexachlorobuta...	0.227	0.219	0.223	0.233	0.206	0.210	0.199	0.217		5.64
35)	Caprolactam		0.066	0.069	0.075	0.074	0.076	0.070	0.072		5.47
36) C	4-Chloro-3-met...	0.271	0.260	0.271	0.276	0.261	0.262	0.238	0.263		4.81
37)	2-Methylnaphth...	0.685	0.650	0.643	0.635	0.568	0.572	0.521	0.611		9.49
38)	1-Methylnaphth...	0.656	0.618	0.610	0.612	0.550	0.550	0.496	0.584		9.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M

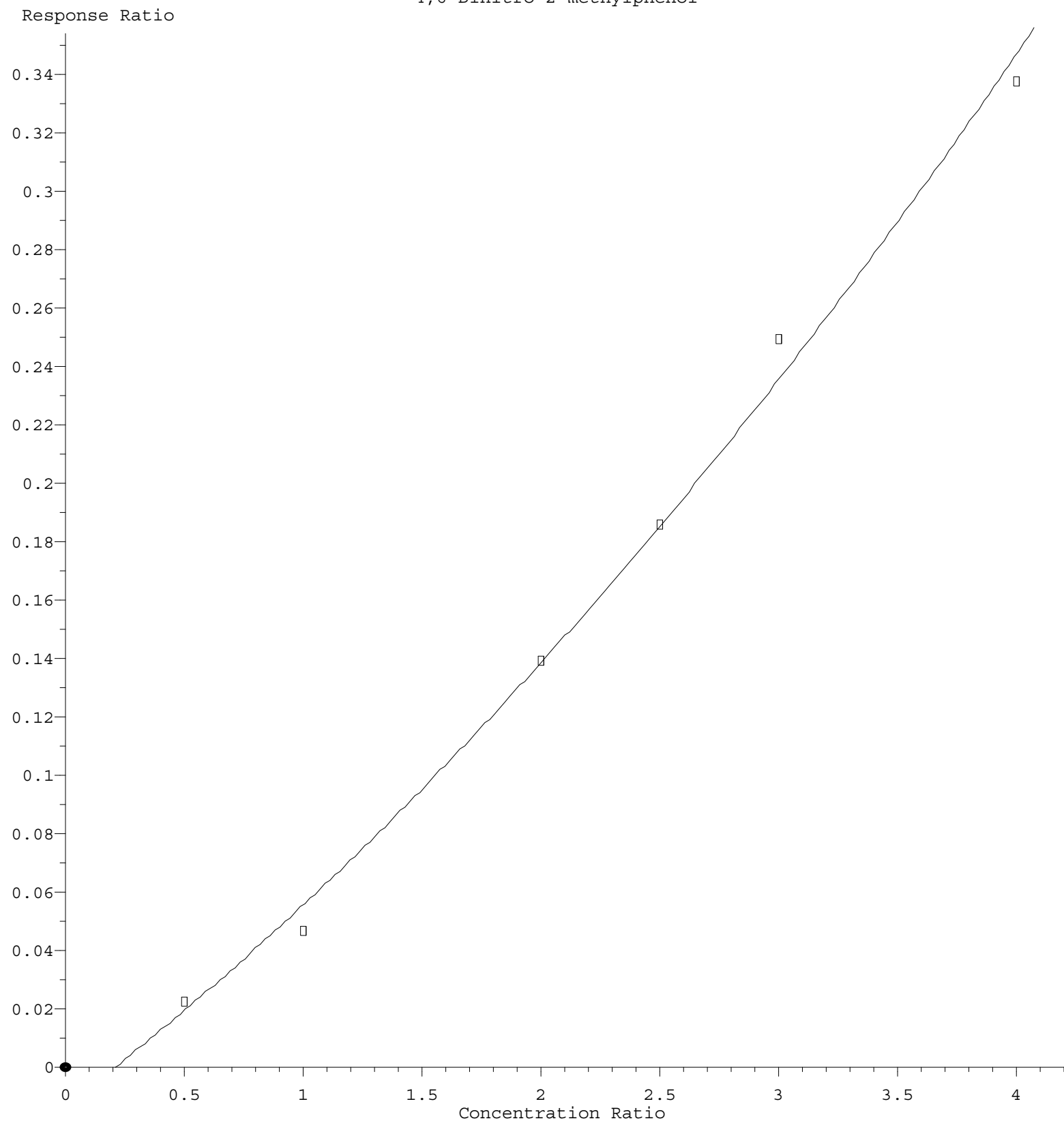
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.657	0.634	0.636	0.628	0.559	0.562	0.549	0.604	7.43	
41) P	Hexachlorocycl...	0.336	0.371	0.418	0.382	0.401	0.387	0.383		7.32	
42) S	2,4,6-Tribromo...	0.303	0.324	0.328	0.281	0.275	0.266	0.296		8.83	
43) C	2,4,6-Trichlor...	0.344	0.358	0.386	0.422	0.379	0.392	0.365	0.378	6.71	
44)	2,4,5-Trichlor...	0.371	0.391	0.419	0.423	0.380	0.402	0.381	0.395	5.09	
45) S	2-Fluorobiphenyl	1.476	1.460	1.351	1.154	1.153	1.096	1.282		13.12	
46)	1,1'-Biphenyl	1.608	1.541	1.564	1.495	1.331	1.326	1.269	1.448	9.37	
47)	2-Chloronaphth...	1.283	1.223	1.243	1.215	1.077	1.080	1.036	1.165	8.38	
48)	2-Nitroaniline	0.241	0.305	0.355	0.400	0.380	0.400	0.386	0.352	16.77	
49)	Acenaphthylene	1.729	1.659	1.700	1.691	1.499	1.513	1.440	1.604	7.27	
50)	Dimethylphthalate	1.275	1.233	1.252	1.286	1.173	1.191	1.122	1.219	4.87	
51)	2,6-Dinitrotol...	0.138	0.161	0.198	0.228	0.224	0.231	0.221	0.200	18.41	
52) C	Acenaphthene	1.134	1.121	1.123	1.109	0.974	0.976	0.953	1.056	7.87	
53)	3-Nitroaniline	0.171	0.210	0.245	0.283	0.259	0.267	0.264	0.243	16.09	
54) P	2,4-Dinitrophenol	0.052	0.040	0.063	0.066	0.076	0.084	0.064		25.20	
55)	Dibenzofuran	1.649	1.551	1.590	1.561	1.377	1.392	1.329	1.493	8.32	
56) P	4-Nitrophenol	0.197	0.169	0.208	0.193	0.197	0.210	0.196		7.39	
57)	2,4-Dinitrotol...	0.151	0.210	0.254	0.307	0.295	0.308	0.300	0.261	23.18	
58)	Fluorene	1.275	1.210	1.190	1.147	1.005	0.986	0.956	1.110	11.33	
59)	2,3,4,6-Tetrac...	0.272	0.309	0.349	0.373	0.355	0.361	0.352	0.339	10.45	
60)	Diethylphthalate	1.158	1.170	1.174	1.211	1.100	1.109	1.066	1.141	4.44	
61)	4-Chlorophenyl...	0.621	0.592	0.601	0.590	0.528	0.524	0.504	0.566	8.09	
62)	4-Nitroaniline	0.162	0.204	0.228	0.264	0.242	0.243	0.255	0.228	15.32	
63)	Azobenzene	1.260	1.221	1.246	1.279	1.148	1.163	1.101	1.203	5.49	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.045	0.047	0.070	0.074	0.083	0.084	0.067		25.99	
66) c	n-Nitrosodiphe...	0.707	0.675	0.688	0.682	0.621	0.637	0.594	0.658	6.27	
67)	4-Bromophenyl-...	0.344	0.333	0.349	0.361	0.334	0.342	0.324	0.341	3.52	
68)	Hexachlorobenzene	0.492	0.470	0.488	0.492	0.447	0.461	0.437	0.470	4.80	
69)	Atrazine	0.178	0.191	0.198	0.211	0.186	0.187	0.183	0.190	5.63	
70) C	Pentachlorophenol	0.180	0.216	0.256	0.239	0.254	0.259	0.234		13.17	
71)	Phenanthrene	1.145	1.066	1.071	1.082	0.948	0.954	0.921	1.027	8.27	
72)	Anthracene	1.096	1.069	1.088	1.083	0.965	0.963	0.945	1.030	6.65	
73)	Carbazole	0.916	0.931	0.949	0.976	0.839	0.846	0.847	0.901	6.23	
74)	Di-n-butylphth...	0.940	1.008	1.075	1.157	1.019	1.019	1.031	1.036	6.45	
75) C	Fluoranthene	1.019	1.046	1.099	1.144	0.953	0.956	1.012	1.033	6.83	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.438	0.444	0.511	0.571	0.553	0.407	0.487		13.78	
78)	Pyrene	1.038	0.982	0.991	1.005	0.990	1.011	0.867	0.983	5.54	
79) S	Terphenyl-d14	1.044	1.013	1.022	0.981	0.989	0.852	0.983		6.95	
80)	Butylbenzylpht...	0.251	0.298	0.335	0.391	0.367	0.381	0.358	0.340	14.74	
81)	Benzo(a)anthra...	1.109	1.081	1.083	1.148	1.040	1.065	0.995	1.074	4.55	
82)	3,3'-Dichlorob...	0.426	0.465	0.497	0.459	0.480	0.466	0.465		5.06	
83)	Chrysene	1.041	0.985	0.996	1.018	0.909	0.941	0.916	0.972	5.25	
84)	Bis(2-ethylhex...	0.428	0.477	0.514	0.558	0.505	0.516	0.492	0.499	8.01	
85) c	Di-n-octyl pht...	0.767	0.877	1.013	0.902	0.937	0.930	0.905		9.00	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

		-----ISTD-----								
86) I	Perylene-d12									
87)	Indeno(1,2,3-c...	1.483	1.426	1.580	1.608	1.509	1.548	1.468	1.517	4.26
88)	Benzo(b)fluora...	0.987	1.004	1.029	1.104	1.002	1.002	1.000	1.018	3.91
89)	Benzo(k)fluora...	1.061	1.004	1.079	1.089	0.996	1.029	0.905	1.023	6.18
90) C	Benzo(a)pyrene	0.928	0.920	0.989	1.027	0.949	0.971	0.918	0.957	4.25
91)	Dibenzo(a,h)an...	1.207	1.187	1.302	1.332	1.237	1.257	1.166	1.241	4.87
92)	Benzo(g,h,i)pe...	1.134	1.116	1.234	1.279	1.200	1.244	1.168	1.196	5.01

(#) = Out of Range

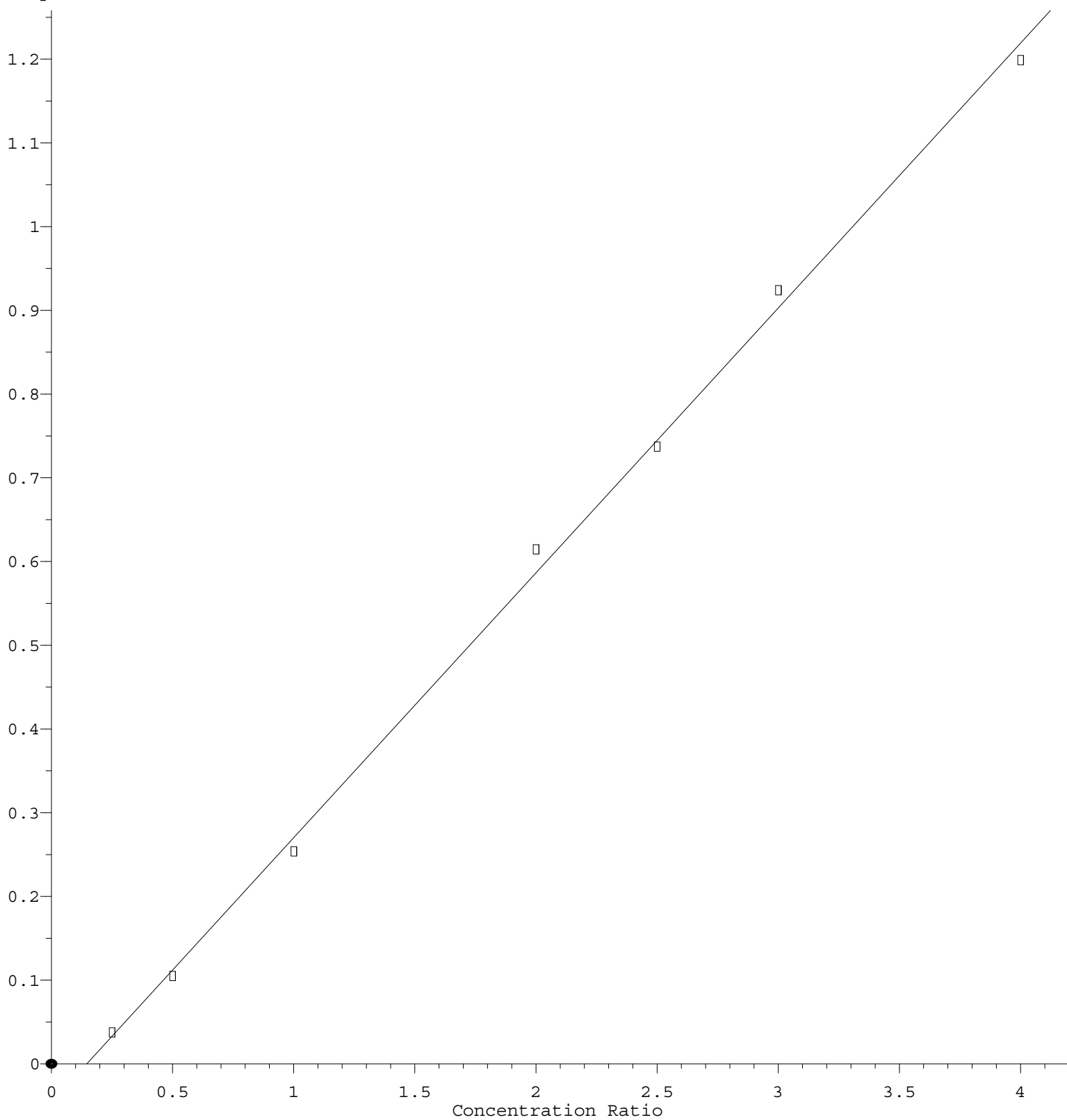
4,6-Dinitro-2-methylphenol



$R = 7.095e-003 A^2 + 6.161e-002 A - 1.313e-002$
 Coef of Det (r^2) = 0.995418 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M
 Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrotoluene

Response Ratio



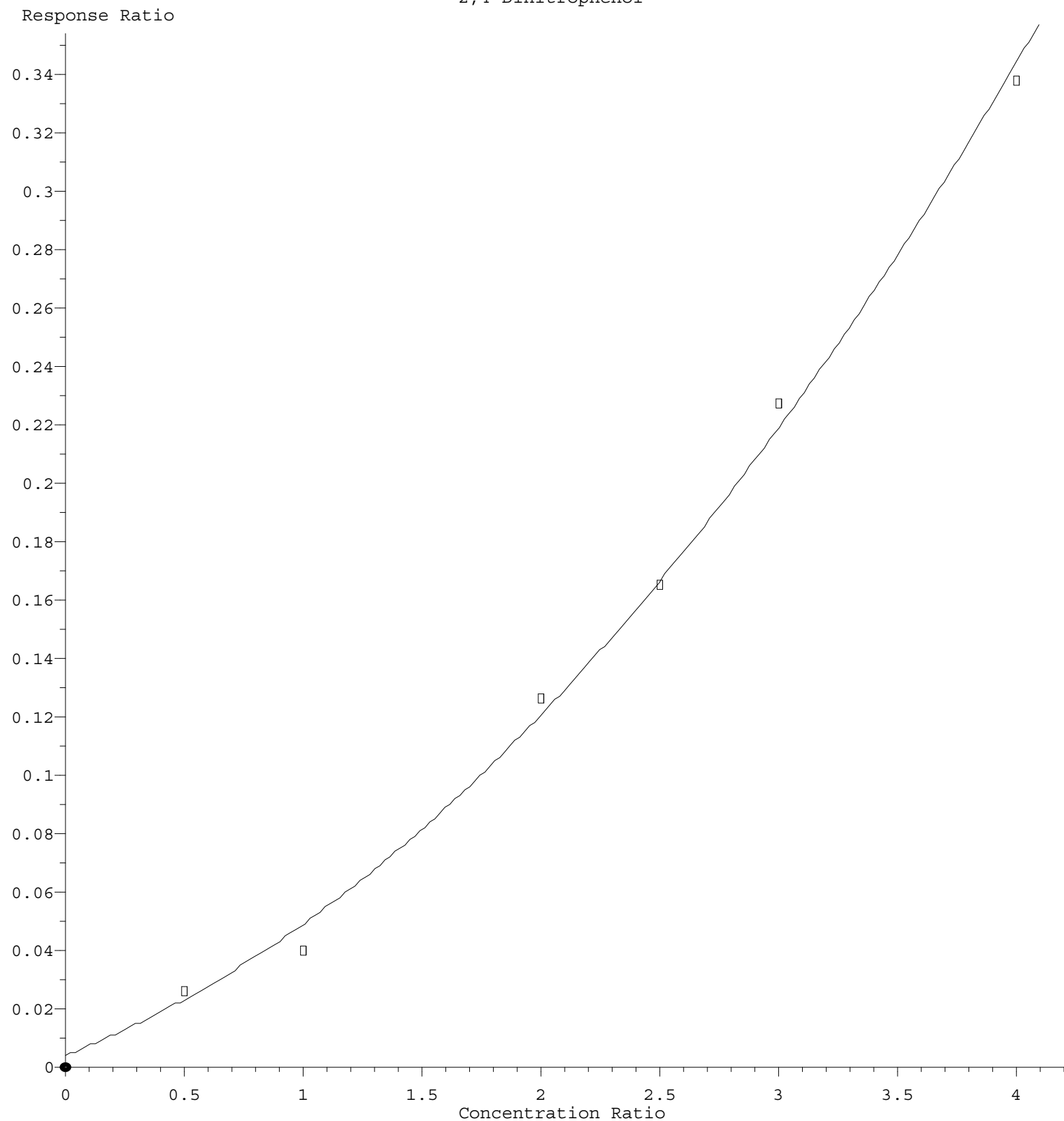
$$\text{Response} = 3.165\text{e-}001 * \text{Amt} - 4.621\text{e-}002$$

Coef of Det (r^2) = 0.998498 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M

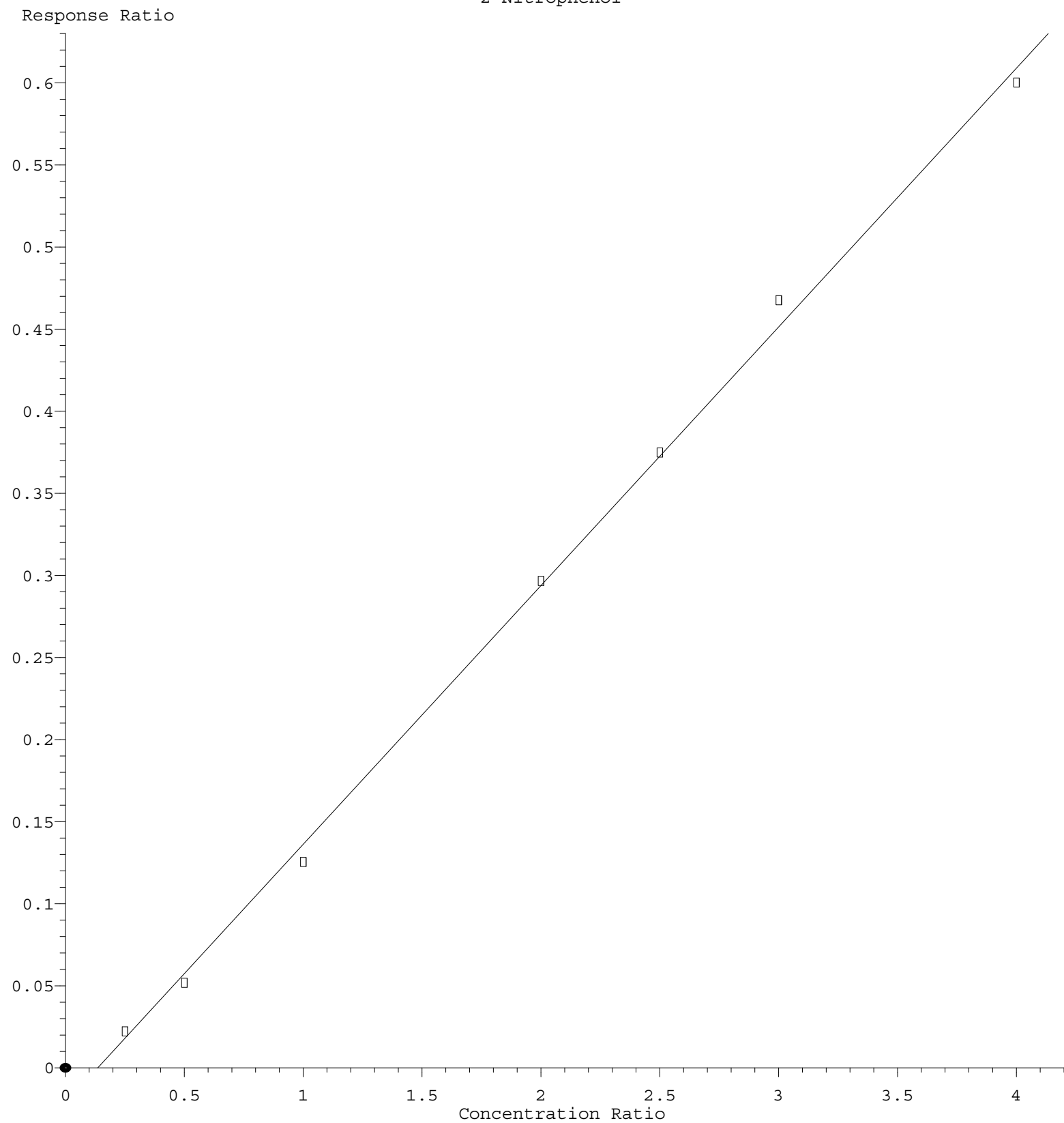
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrophenol



$R = 1.334e-002 A^2 + 3.164e-002 A + 4.049e-003$
 Coef of Det (r^2) = 0.995804 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M
 Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2-Nitrophenol



$\text{Response} = 1.576\text{e-}001 * \text{Amt} - 2.138\text{e-}002$
 Coef of Det (r^2) = 0.998054 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M
 Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

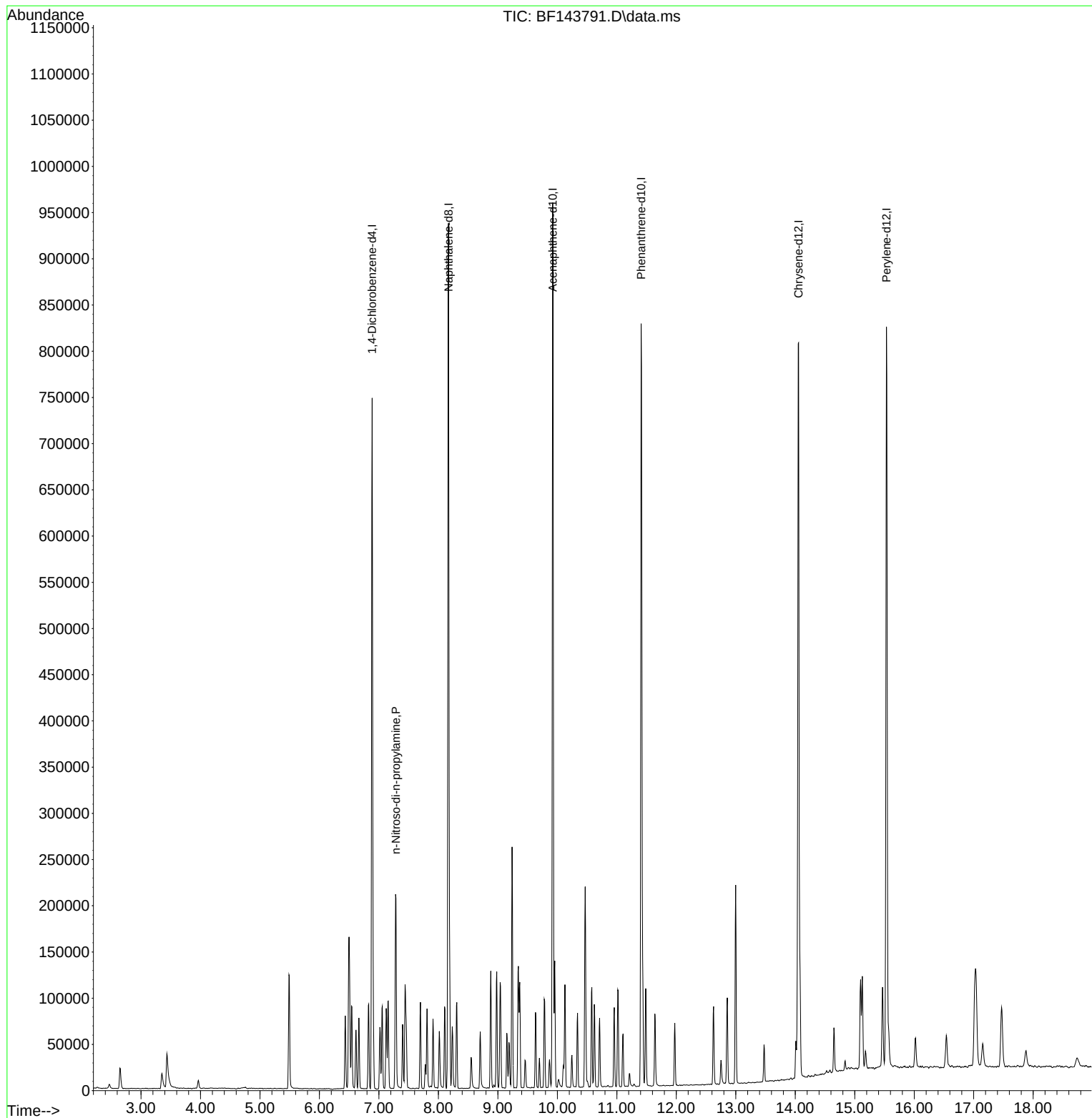
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	142727	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	546391	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	280335	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	422227	20.000	ng	0.00
76) Chrysene-d12	14.057	240	419162	20.000	ng	0.00
86) Perylene-d12	15.533	264	547725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.286	70	19227	2.946	ng	Qvalue 96

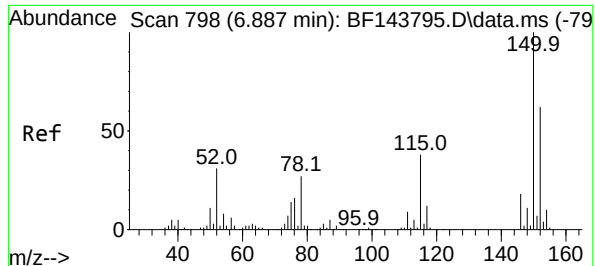
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

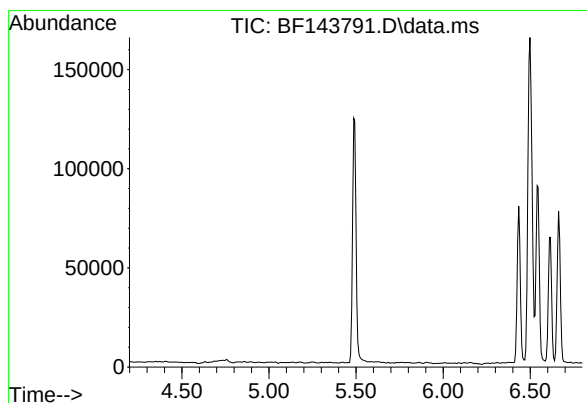
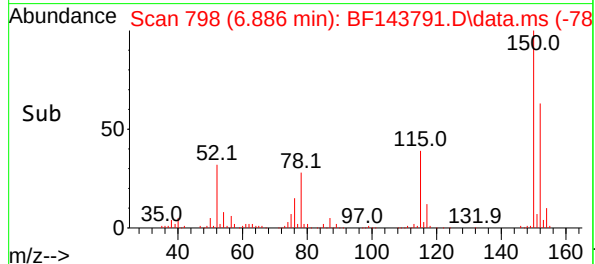
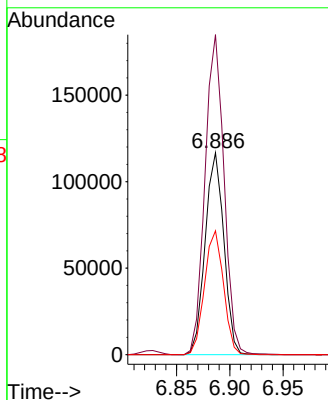
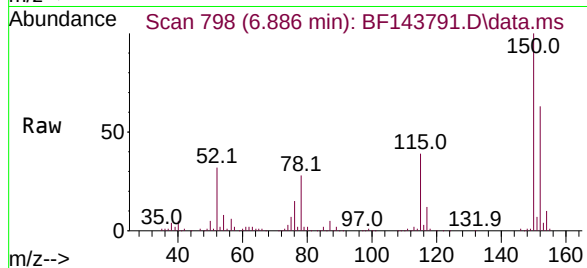




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

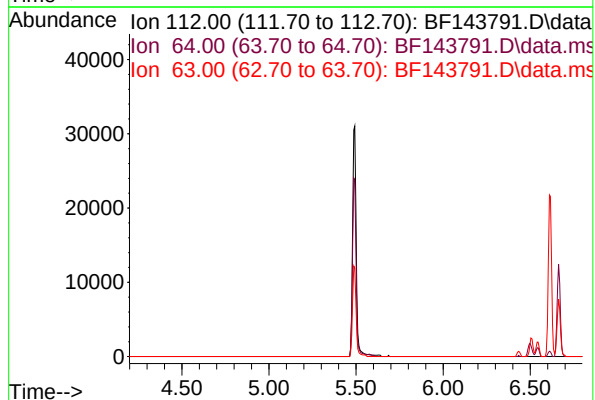
Tgt Ion:152 Resp: 142727
Ion Ratio Lower Upper
152 100
150 158.5 129.6 194.4
115 61.3 49.0 73.4

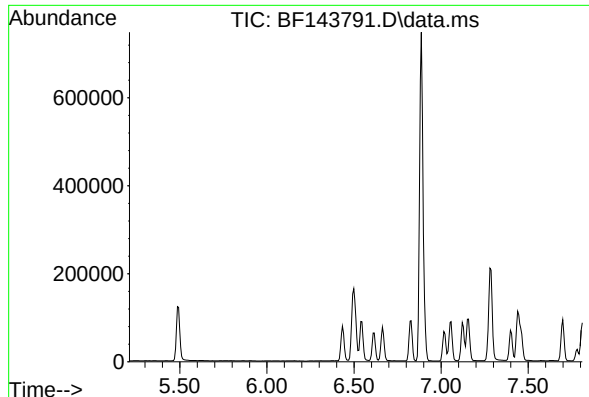


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Tgt Ion: 112
Sig Exp Ratio
112 100
64 78.7
63 40.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.51 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

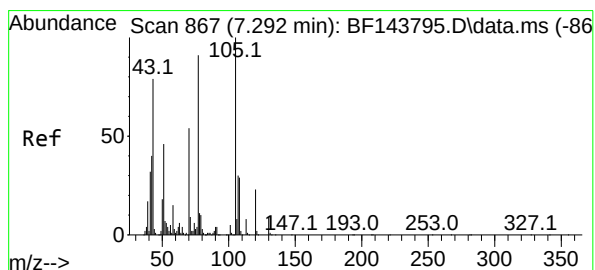
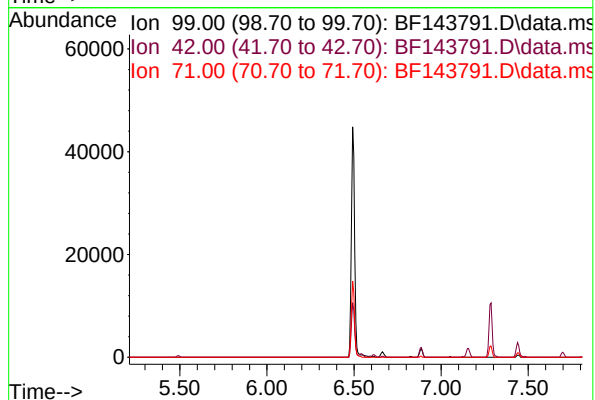
Tgt Ion: 99

Sig Exp Ratio

99 100

42 23.3

71 33.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.946 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Tgt Ion: 70 Resp: 19227

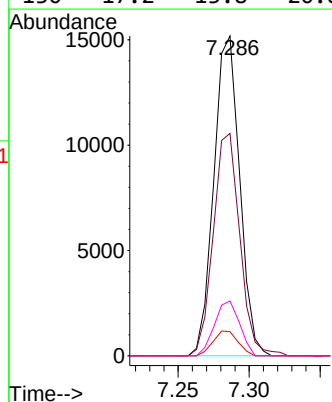
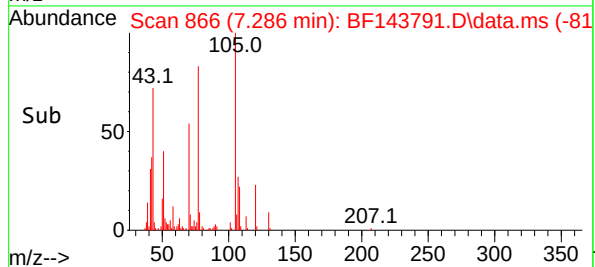
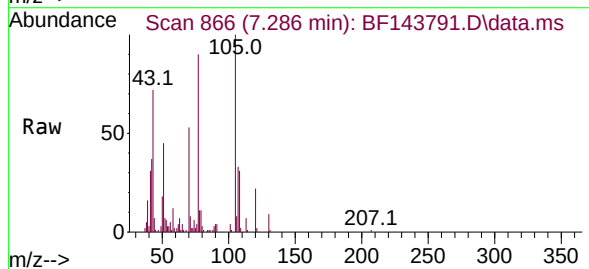
Ion Ratio Lower Upper

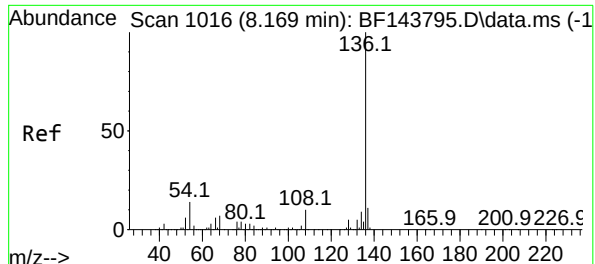
70 100

42 69.5 59.4 89.0

101 7.6 7.1 10.7

130 17.2 13.8 20.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143791.D

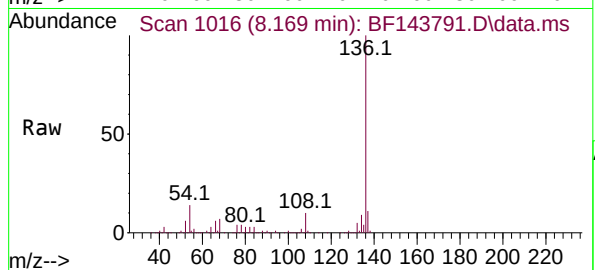
Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 546391

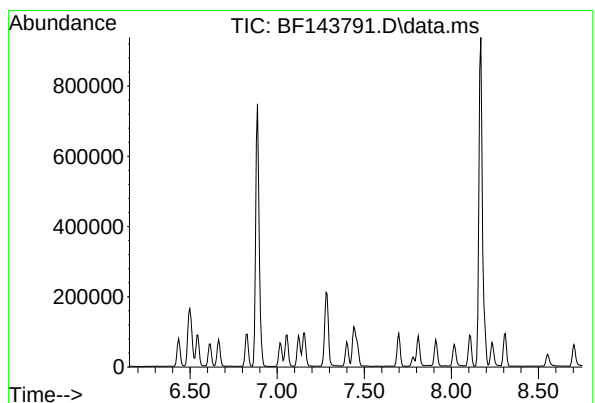
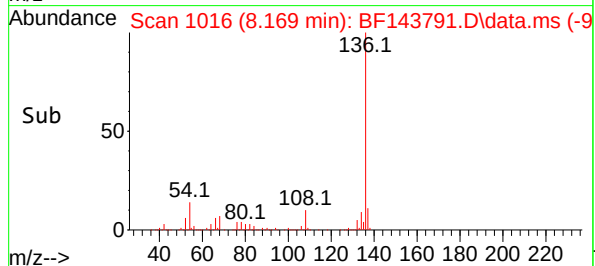
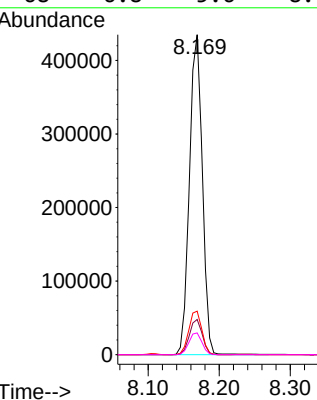
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 13.6 11.2 16.8

68 6.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

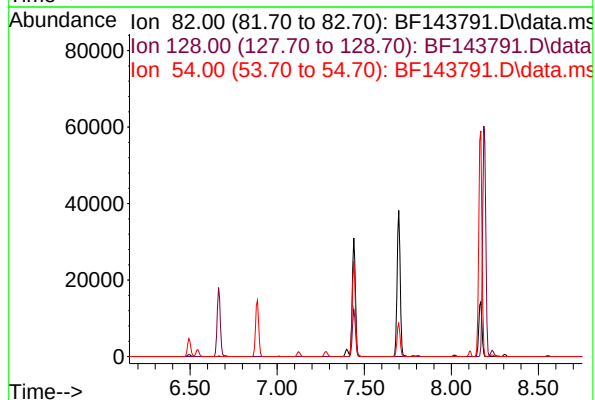
Tgt Ion: 82

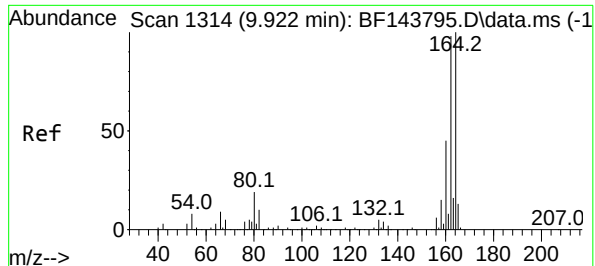
Sig Exp Ratio

82 100

128 41.6

54 80.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143791.D

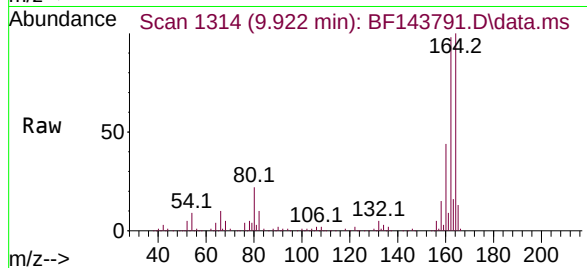
Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

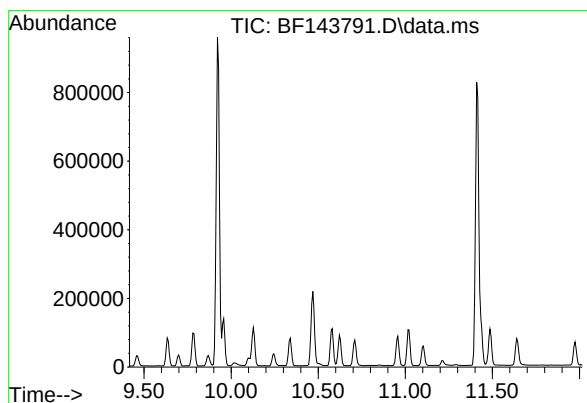
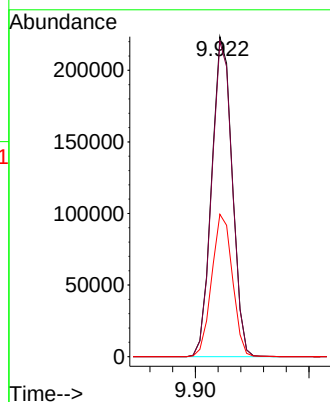
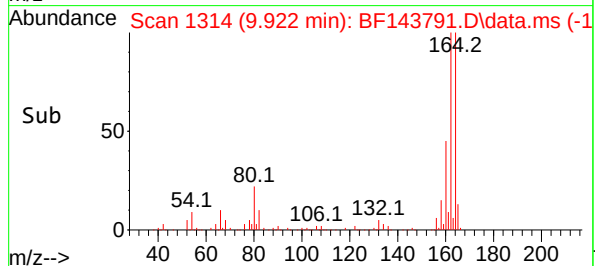
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 280335

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.5	35.8	53.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

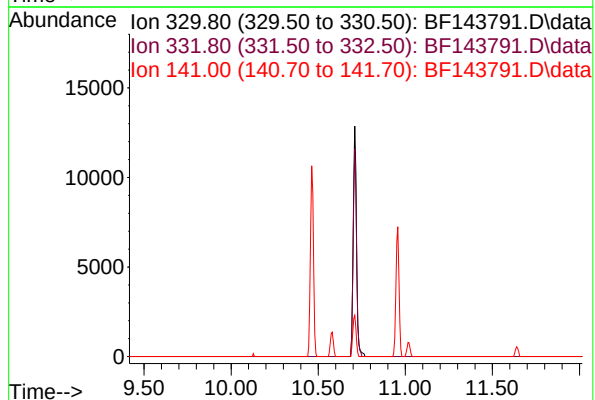
Expected RT: 10.72 min

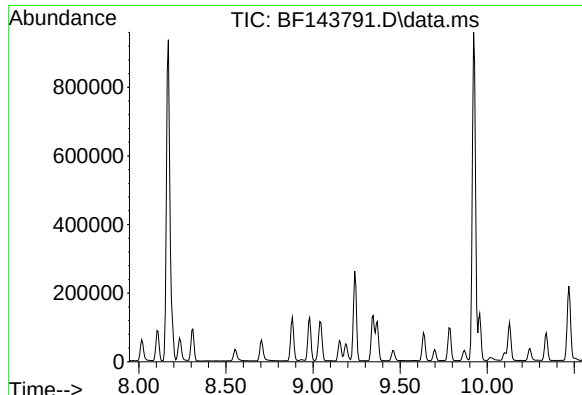
Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.4
141	17.9





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

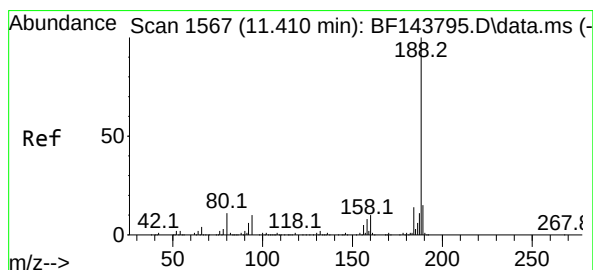
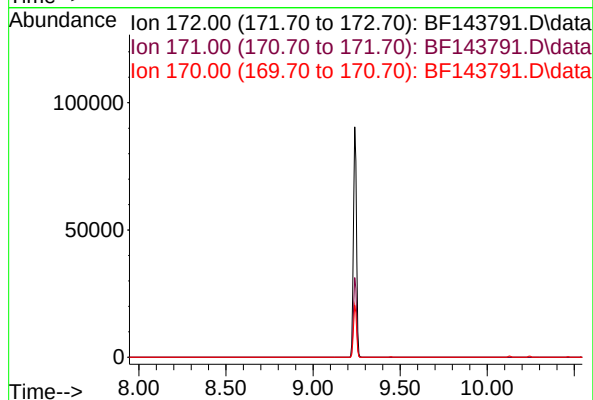
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.9

170 23.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

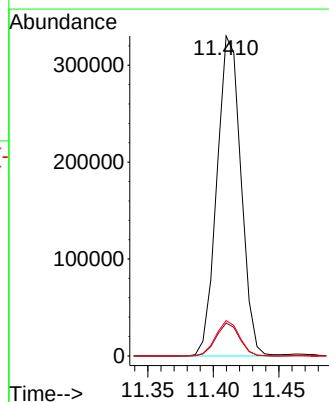
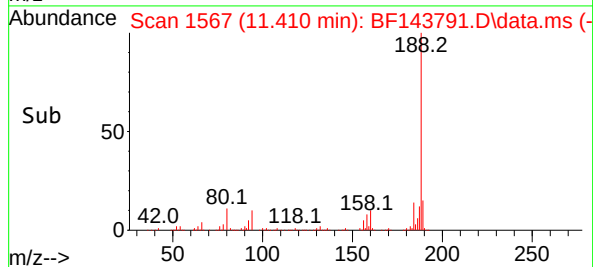
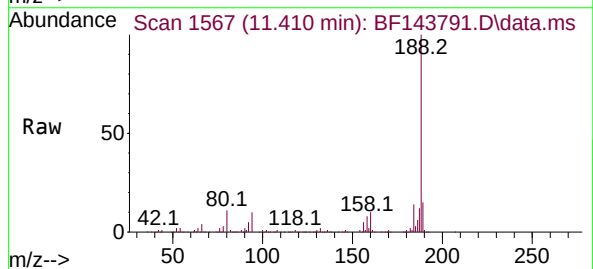
Tgt Ion:188 Resp: 422227

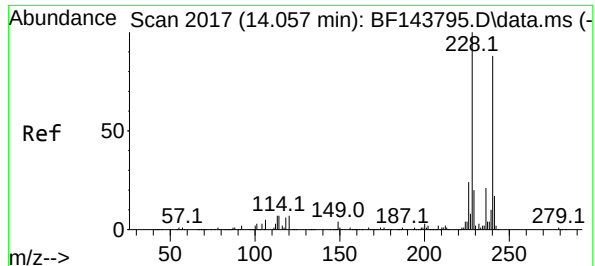
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

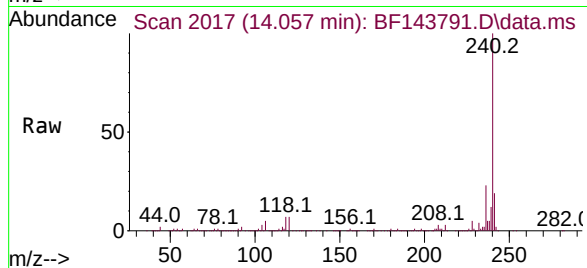
80 11.0 8.6 12.8



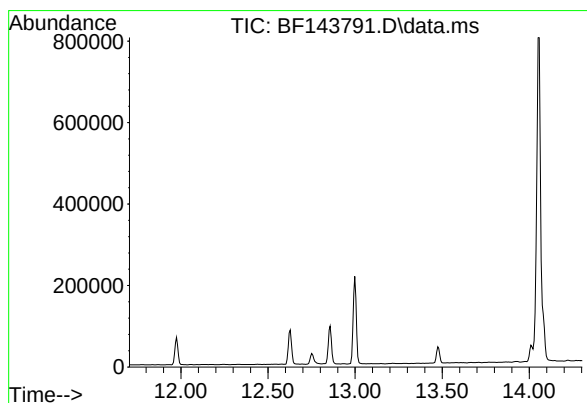
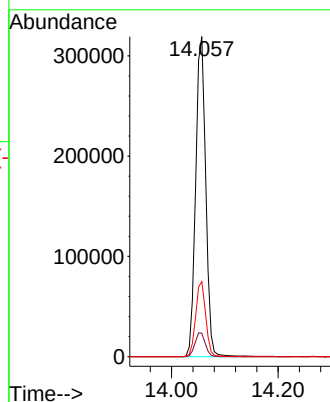
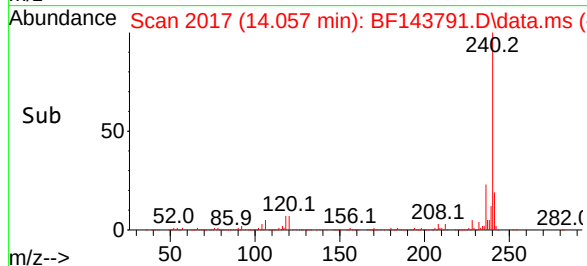


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



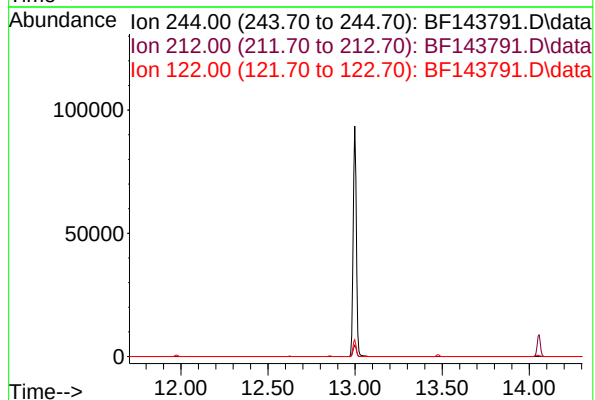
Tgt Ion:240 Resp: 419162
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.4 19.4 29.2



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

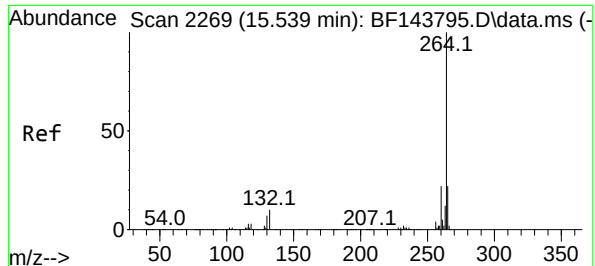
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Tgt Ion: 244
Sig Exp Ratio
244 100
212 4.9
122 7.0



Ion 212.00 (211.70 to 212.70): BF143791.D\data

Ion 122.00 (121.70 to 122.70): BF143791.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143791.D

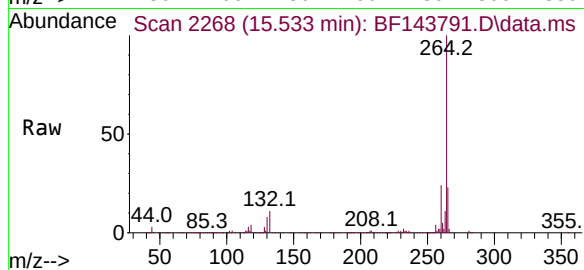
Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



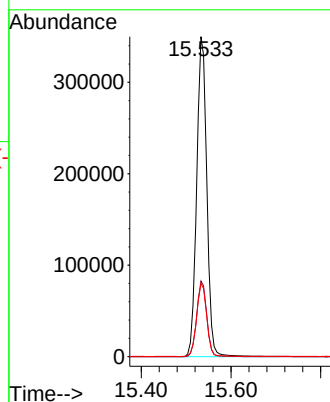
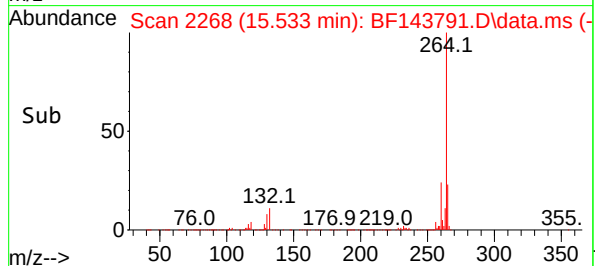
Tgt Ion:264 Resp: 547725

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.8 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143792.D
 Acq On : 23 Sep 2025 10:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 24 04:31:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	137641	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	513746	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	252917	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379147	20.000	ng	0.00
76) Chrysene-d12	14.057	240	398321	20.000	ng	0.00
86) Perylene-d12	15.533	264	555053	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	20444	5.042	ng 99
3) Pyridine	3.416	79	54556	4.984	ng 97
6) Aniline	6.545	93	78570	5.530	ng 97
8) 2-Chlorophenol	6.663	128	44880	5.175	ng 99
10) Phenol	6.510	94	60619	5.328	ng 98
11) bis(2-Chloroethyl)ether	6.616	93	47743	5.353	ng 97
12) 1,3-Dichlorobenzene	6.828	146	55825	5.544	ng 99
13) 1,4-Dichlorobenzene	6.904	146	56211	5.594	ng 100
14) 1,2-Dichlorobenzene	7.057	146	53628	5.635	ng 97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	114228	5.401	ng 99
17) 2-Methylphenol	7.122	107	35529	5.291	ng 98
18) Hexachloroethane	7.398	117	19083	5.400	ng 97
19) n-Nitroso-di-n-propyla...	7.286	70	34084	5.415	ng 99
22) Acetophenone	7.286	105	64220	5.691	ng 99
24) Nitrobenzene	7.457	77	46458	4.994	ng 98
25) Isophorone	7.698	82	85608	5.234	ng 99
26) 2-Nitrophenol	7.781	139	11396	5.528	ng 97
27) 2,4-Dimethylphenol	7.810	122	37440	5.122	ng 100
28) bis(2-Chloroethoxy)met...	7.910	93	58456	5.501	ng 98
29) 2,4-Dichlorophenol	8.016	162	35586	4.947	ng 98
30) 1,2,4-Trichlorobenzene	8.110	180	40333	5.403	ng 99
31) Naphthalene	8.186	128	135838	5.523	ng 100
33) 4-Chloroaniline	8.233	127	46191	5.345	ng 98
34) Hexachlorobutadiene	8.310	225	29187	5.245	ng 99
36) 4-Chloro-3-methylphenol	8.704	107	34756	5.152	ng 95
37) 2-Methylnaphthalene	8.880	142	88002	5.612	ng 100
38) 1-Methylnaphthalene	8.980	142	84197	5.609	ng 98
40) 1,2,4,5-Tetrachloroben...	9.045	216	41527	5.441	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	21768	4.555	ng 97
44) 2,4,5-Trichlorophenol	9.186	196	23454	4.692	ng 96
46) 1,1'-Biphenyl	9.345	154	101651	5.552	ng 100
47) 2-Chloronaphthalene	9.369	162	81117	5.504	ng 99
48) 2-Nitroaniline	9.457	65	15262	3.427	ng 93
49) Acenaphthylene	9.786	152	109327	5.389	ng 99
50) Dimethylphthalate	9.633	163	80614	5.229	ng 99
51) 2,6-Dinitrotoluene	9.698	165	8744	3.452	ng 95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143792.D
 Acq On : 23 Sep 2025 10:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 24 04:31:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

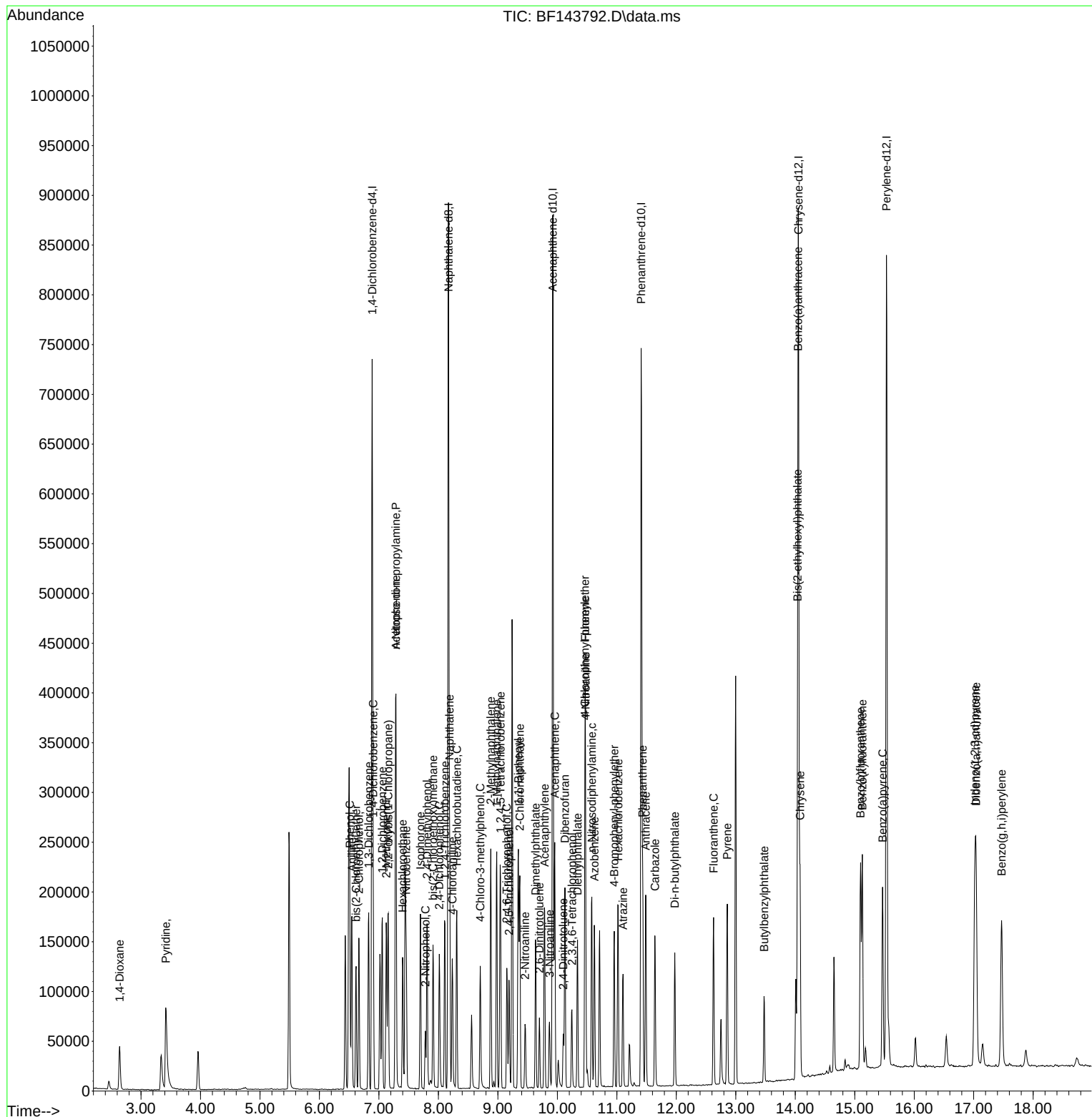
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.957	154	71713	5.372	ng	97
53) 3-Nitroaniline	9.869	138	10825	3.526	ng	# 89
55) Dibenzofuran	10.127	168	104283	5.524	ng	99
57) 2,4-Dinitrotoluene	10.098	165	9518	5.298	ng	# 84
58) Fluorene	10.469	166	80629	5.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	17203	4.017	ng	# 98
60) Diethylphthalate	10.339	149	73247	5.076	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	39239	5.487	ng	98
62) 4-Nitroaniline	10.474	138	10259	3.554	ng	96
63) Azobenzene	10.621	77	79697	5.240	ng	98
66) n-Nitrosodiphenylamine	10.580	169	67054	5.378	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	32607	5.047	ng	97
68) Hexachlorobenzene	11.021	284	46642	5.238	ng	100
69) Atrazine	11.104	200	16909	4.683	ng	96
71) Phenanthrene	11.433	178	108554	5.577	ng	98
72) Anthracene	11.486	178	103911	5.322	ng	99
73) Carbazole	11.639	167	86827	5.086	ng	100
74) Di-n-butylphthalate	11.974	149	89101	4.538	ng	100
75) Fluoranthene	12.627	202	96550	4.932	ng	99
78) Pyrene	12.857	202	103385	5.279	ng	99
80) Butylbenzylphthalate	13.474	149	25033	3.695	ng	97
81) Benzo(a)anthracene	14.045	228	110473	5.163	ng	99
83) Chrysene	14.080	228	103643	5.353	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	42651	4.295	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	205787	4.886	ng	98
88) Benzo(b)fluoranthene	15.098	252	137015	4.847	ng	99
89) Benzo(k)fluoranthene	15.127	252	147201	5.184	ng	99
90) Benzo(a)pyrene	15.468	252	128819	4.848	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	167469	4.862	ng	99
92) Benzo(g,h,i)perylene	17.468	276	157425	4.741	ng	99

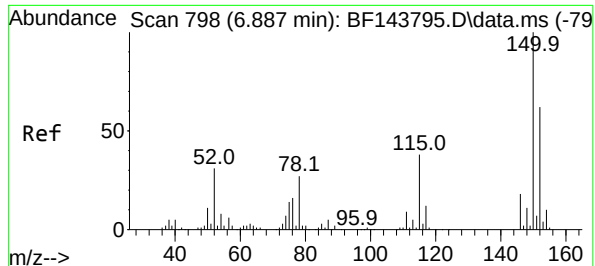
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\  
Data File : BF143792.D  
Acq On    : 23 Sep 2025 10:58  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 24 04:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

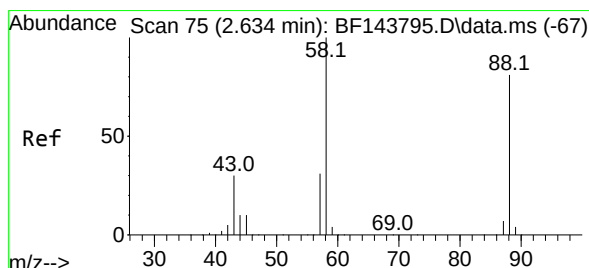
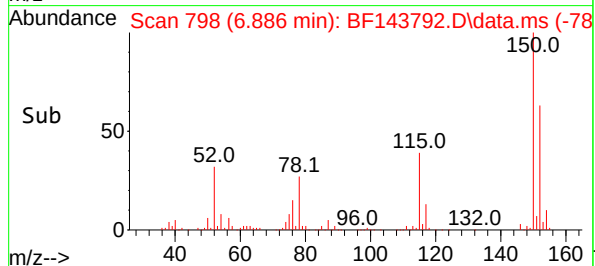
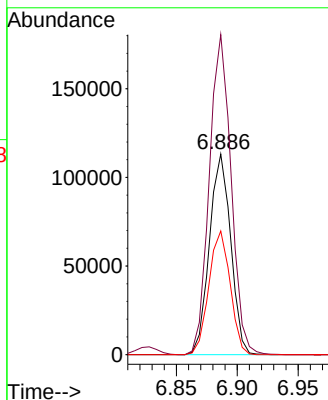
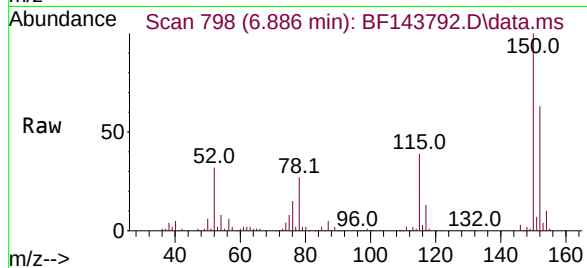




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

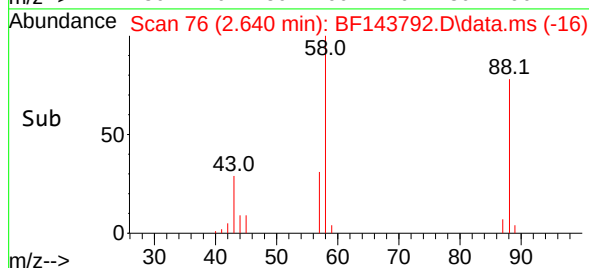
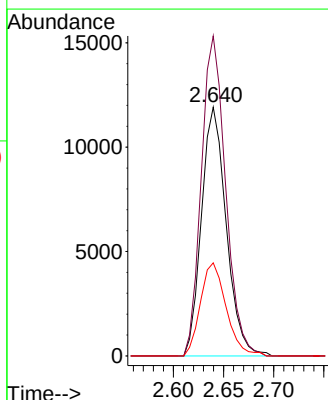
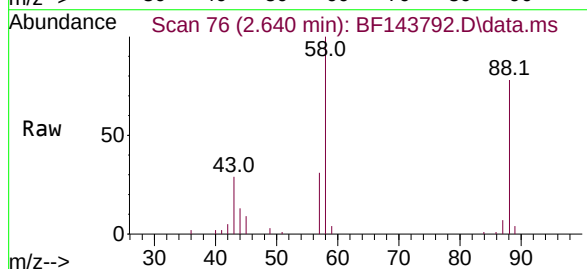
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

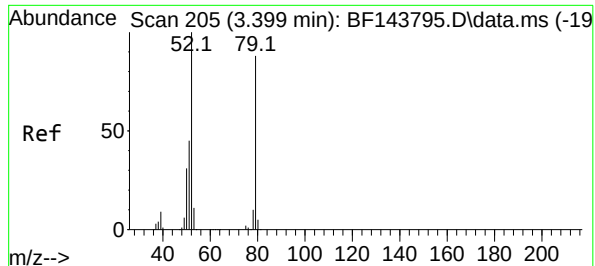
Tgt Ion:152 Resp: 137641
Ion Ratio Lower Upper
152 100
150 159.5 129.6 194.4
115 61.6 49.0 73.4



#2
1,4-Dioxane
Concen: 5.042 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 88 Resp: 20444
Ion Ratio Lower Upper
88 100
58 126.0 99.4 149.2
43 38.9 30.6 45.8





#3

Pyridine

Concen: 4.984 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143792.D

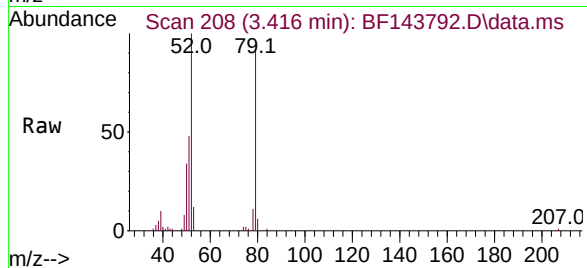
Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



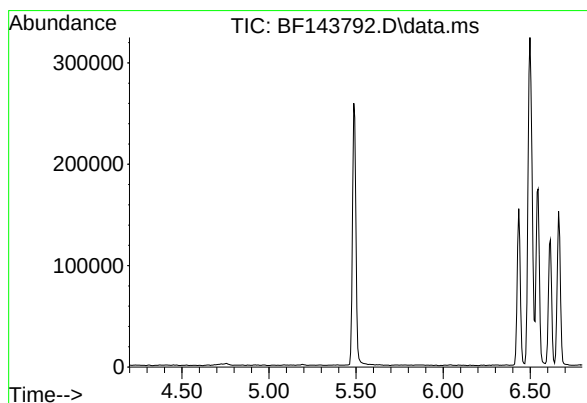
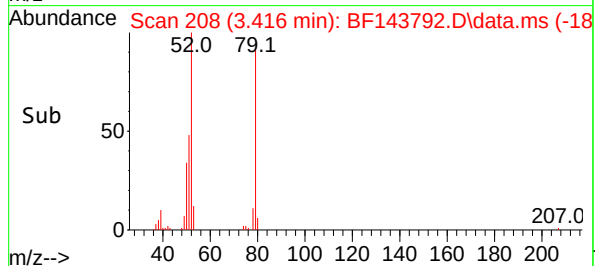
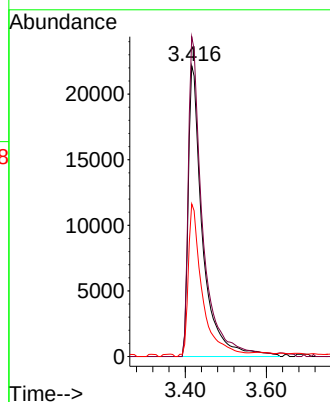
Tgt Ion: 79 Resp: 54556

Ion Ratio Lower Upper

79 100

52 110.0 90.5 135.7

51 52.5 40.6 61.0



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.50 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

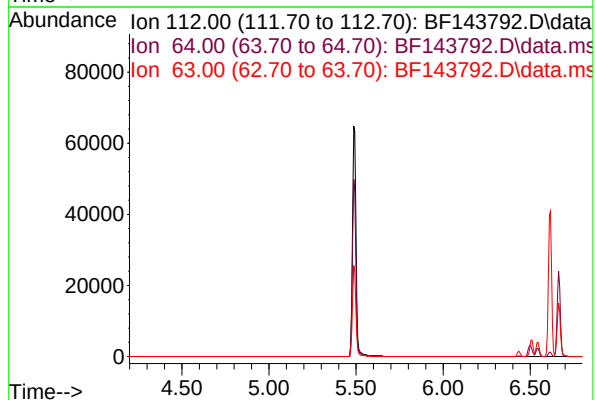
Tgt Ion: 112

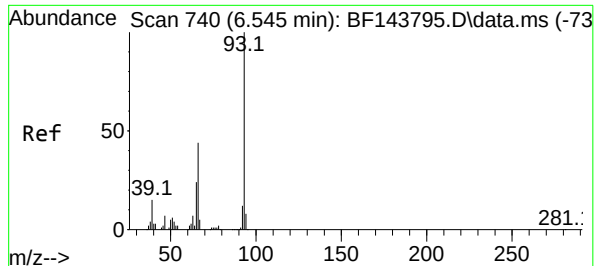
Sig Exp Ratio

112 100

64 78.7

63 40.8

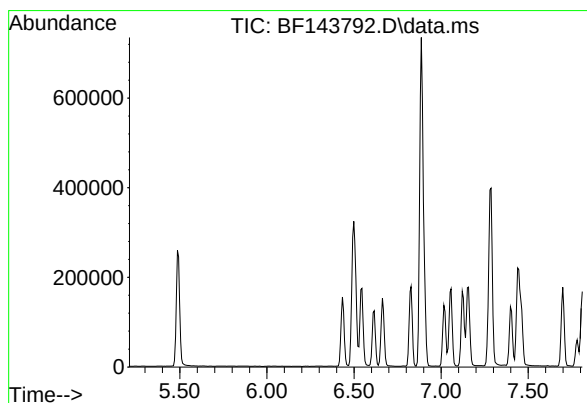
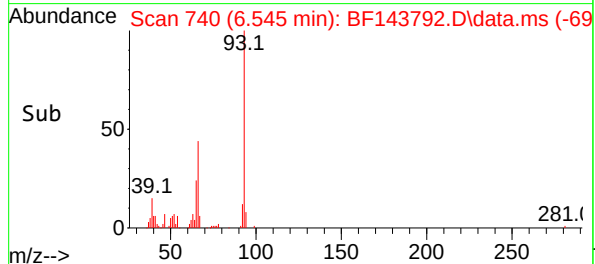
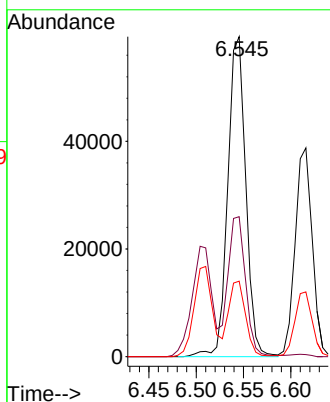
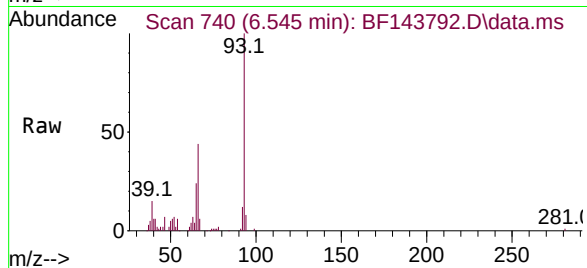




#6
Aniline
Concen: 5.530 ng
RT: 6.545 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

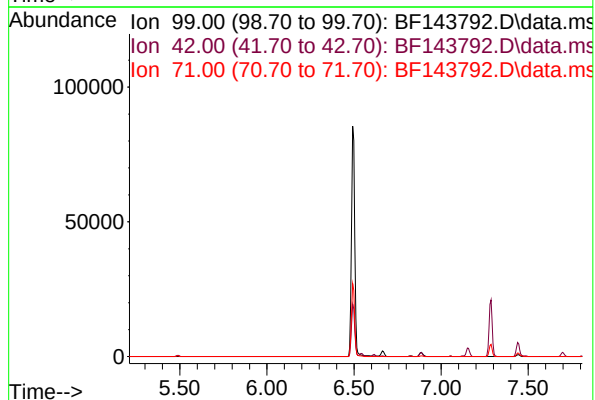
Tgt Ion: 93 Resp: 78570
Ion Ratio Lower Upper
93 100
66 43.7 37.1 55.7
65 23.6 19.4 29.0

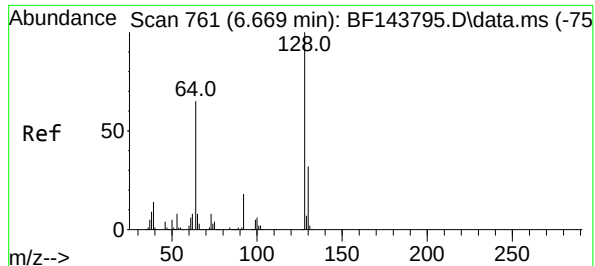


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 99
Sig Exp Ratio
99 100
42 23.3
71 33.7

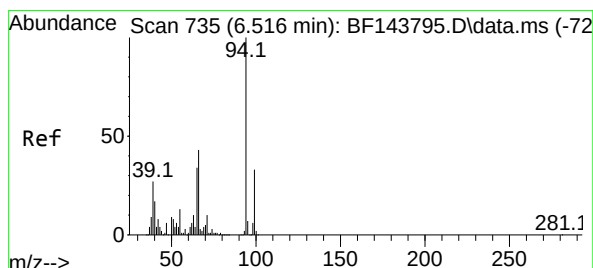
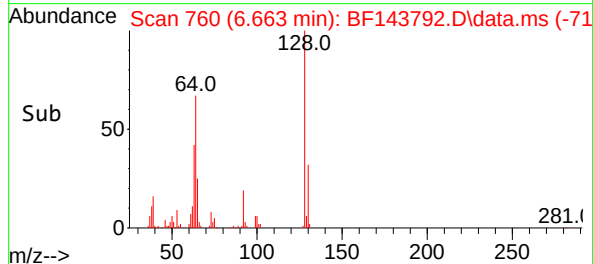
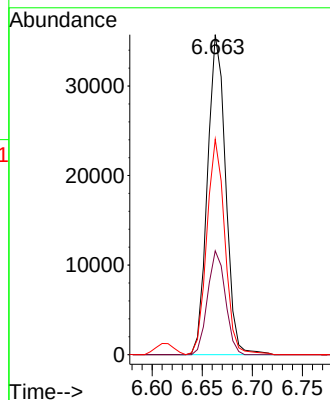
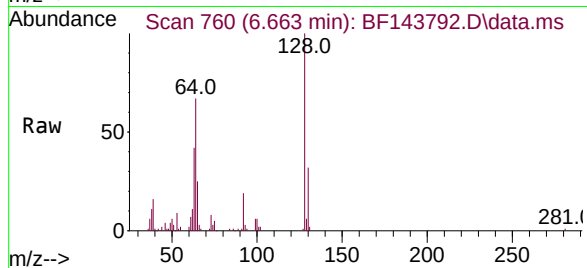




#8
2-Chlorophenol
Concen: 5.175 ng
RT: 6.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

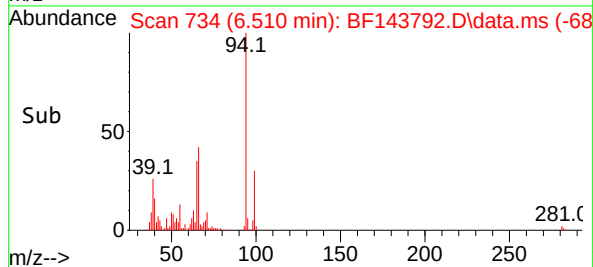
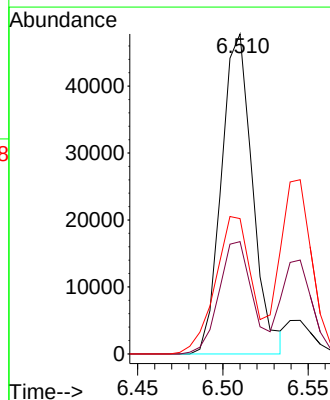
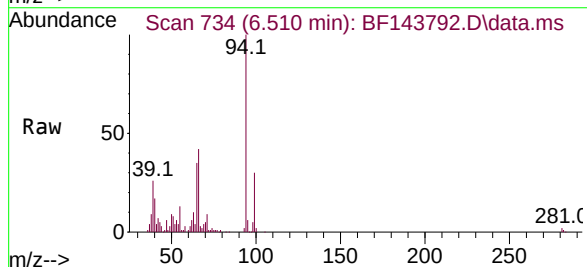
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

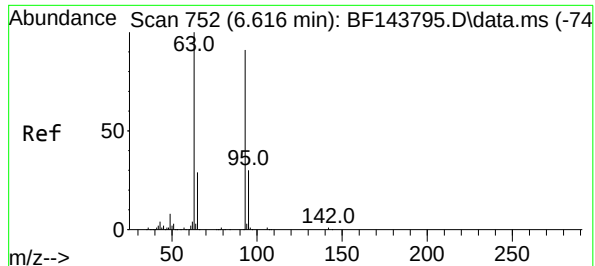
Tgt Ion:	128	Resp:	44880
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.2	52.2
64	67.3	46.5	86.5



#10
Phenol
Concen: 5.328 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:	94	Resp:	60619
Ion Ratio	Lower	Upper	
94	100		
65	35.1	14.2	54.2
66	42.3	24.1	64.1

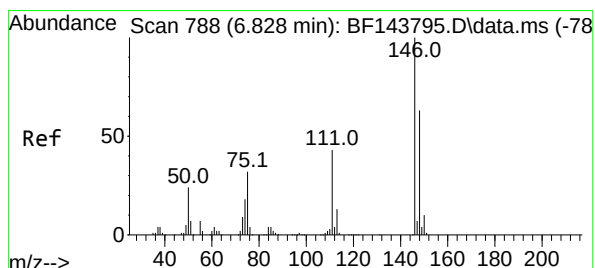
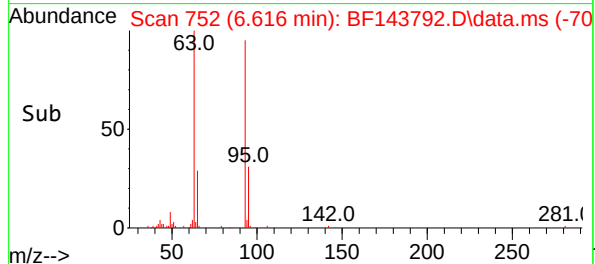
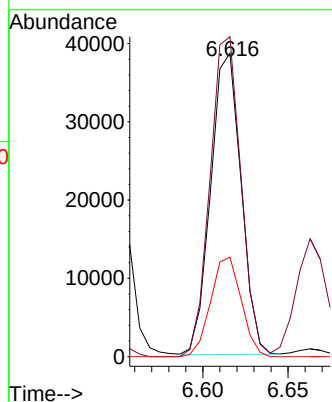
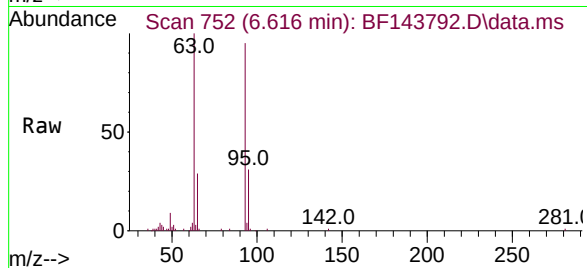




#11
bis(2-Chloroethyl)ether
Concen: 5.353 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

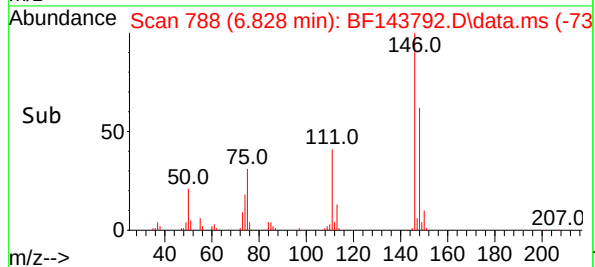
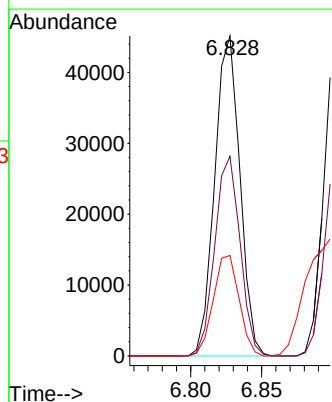
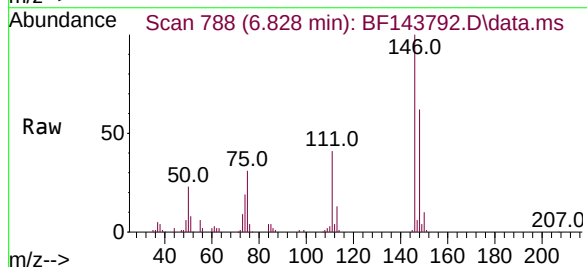
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

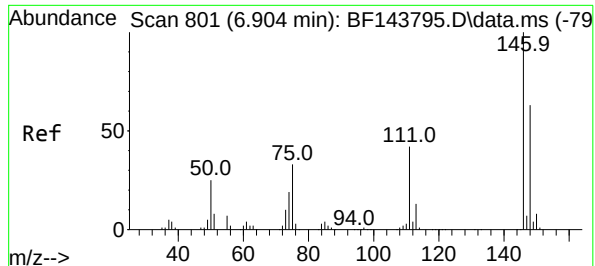
Tgt Ion: 93 Resp: 47743
Ion Ratio Lower Upper
93 100
63 105.4 89.2 129.2
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 5.544 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 146 Resp: 55825
Ion Ratio Lower Upper
146 100
148 62.4 50.4 75.6
75 31.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 5.594 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

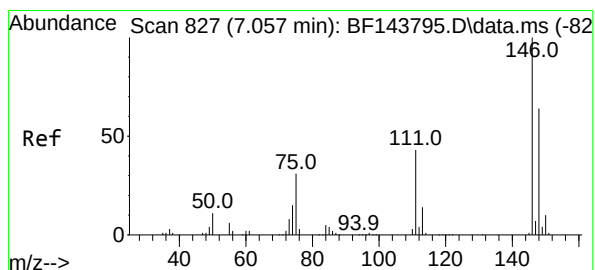
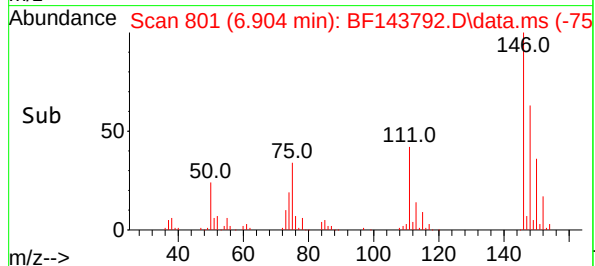
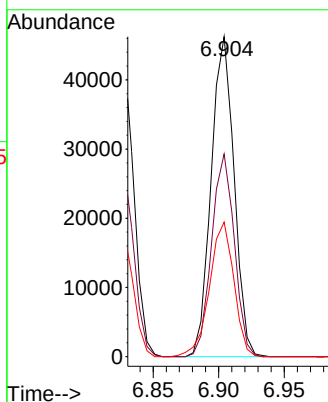
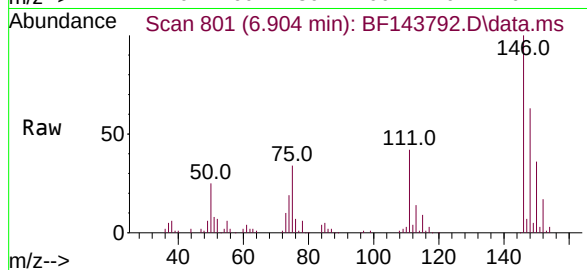
Tgt Ion:146 Resp: 56211

Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

111 42.0 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 5.635 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

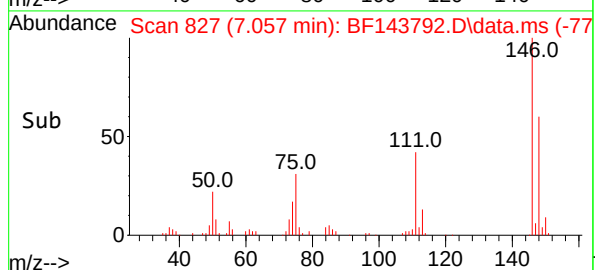
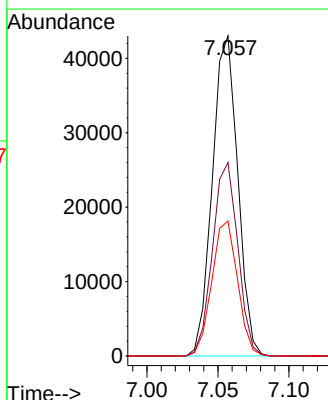
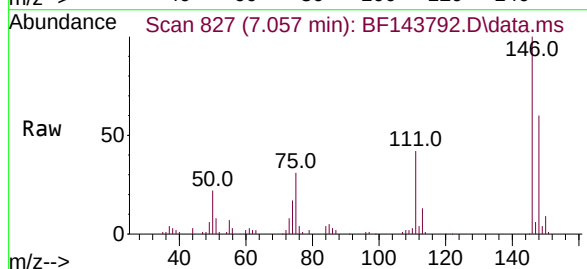
Tgt Ion:146 Resp: 53628

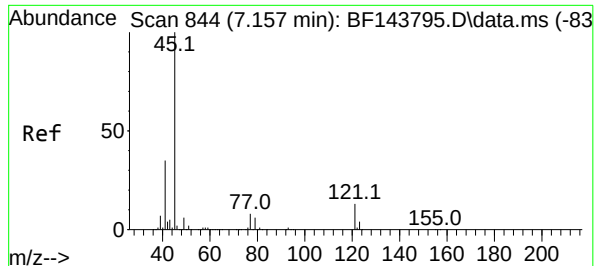
Ion Ratio Lower Upper

146 100

148 60.4 51.1 76.7

111 42.1 34.3 51.5

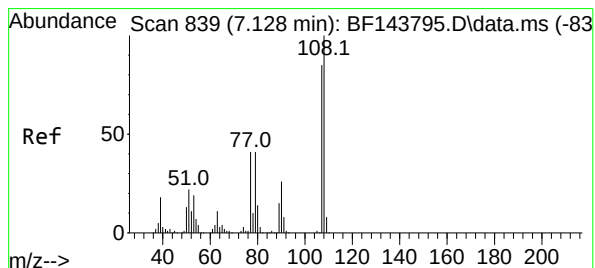
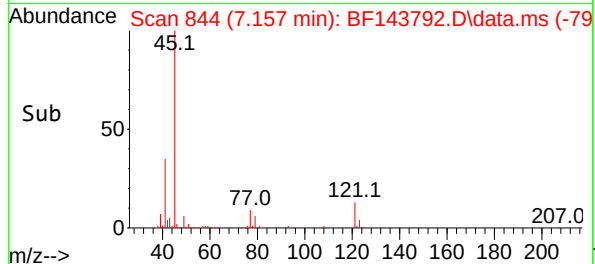
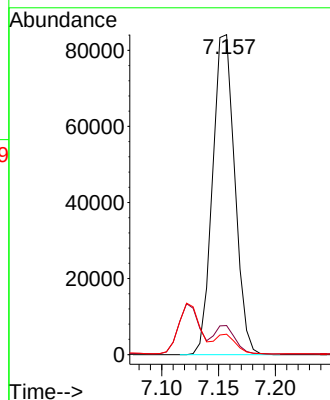
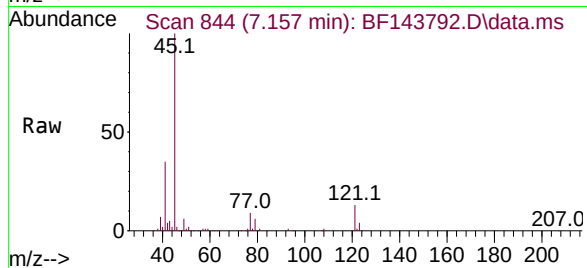




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.401 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

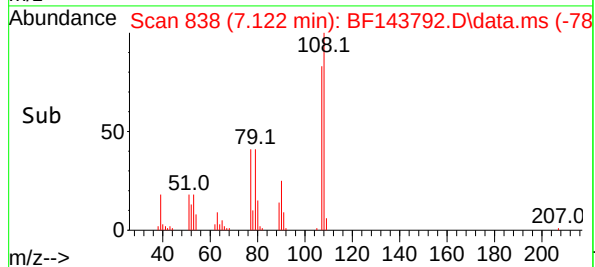
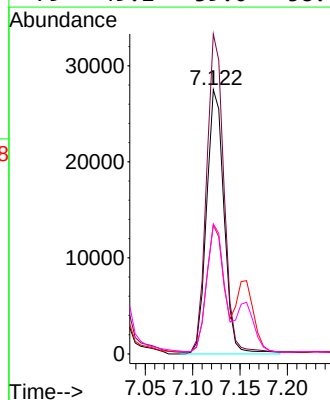
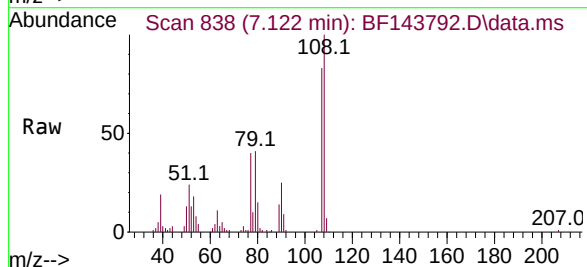
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

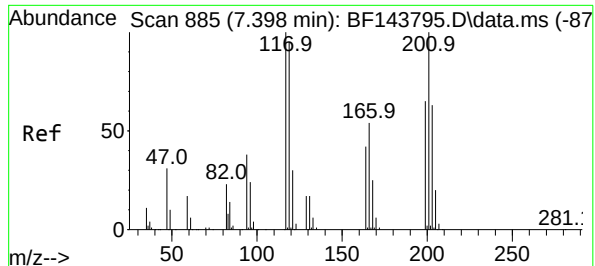
Tgt Ion:	45	Resp:	114228
Ion Ratio	Lower	Upper	
45	100		
77	9.1	0.0	28.5
79	6.4	0.0	26.3



#17
2-Methylphenol
Concen: 5.291 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:	107	Resp:	35529
Ion Ratio	Lower	Upper	
107	100		
108	121.1	94.2	141.4
77	48.8	38.6	58.0
79	49.2	39.0	58.4

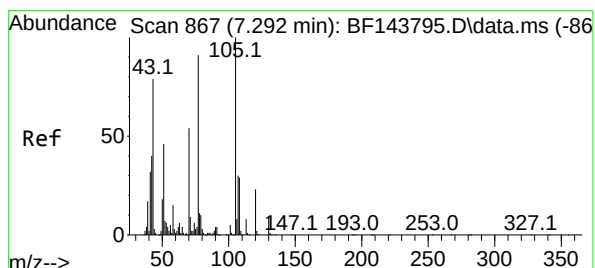
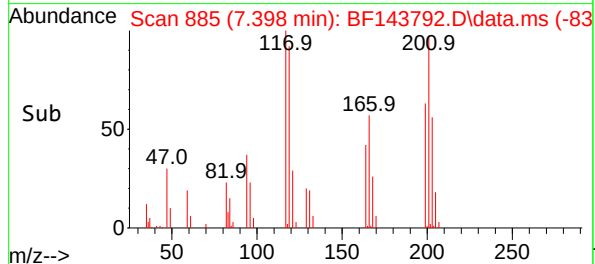
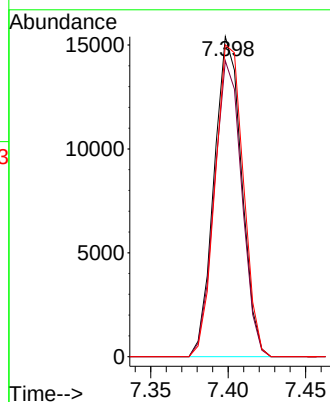
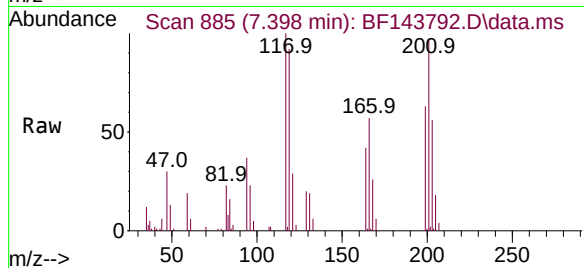




#18
Hexachloroethane
Concen: 5.400 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

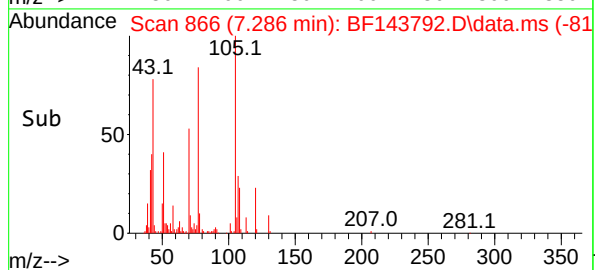
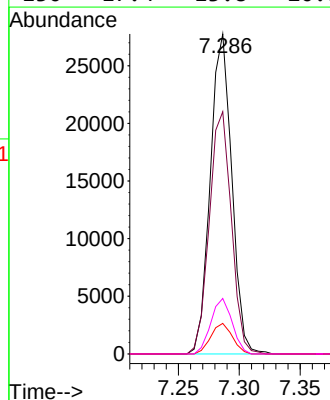
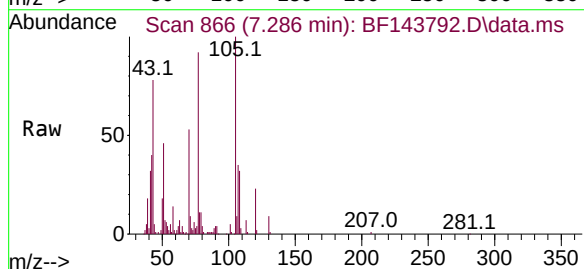
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

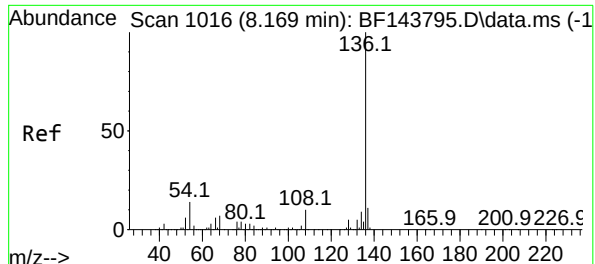
Tgt Ion:117 Resp: 19083
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.2
201 97.4 79.7 119.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.415 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 70 Resp: 34084
Ion Ratio Lower Upper
70 100
42 75.7 59.4 89.0
101 9.5 7.1 10.7
130 17.4 13.8 20.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 513746

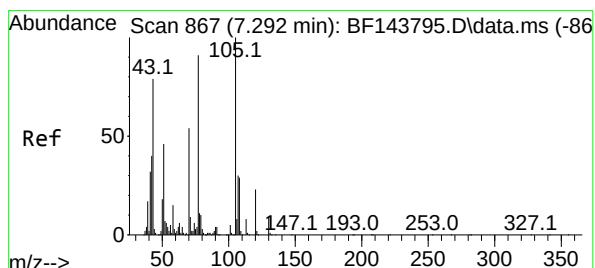
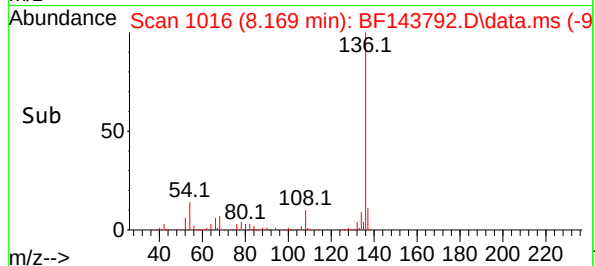
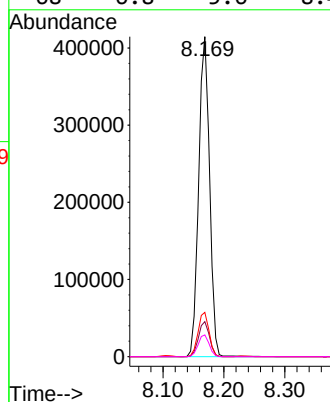
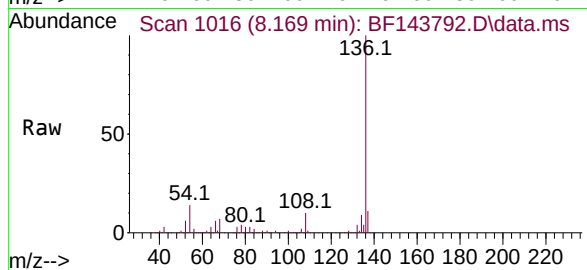
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 13.8 11.2 16.8

68 6.8 5.6 8.4



#22

Acetophenone

Concen: 5.691 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:105 Resp: 64220

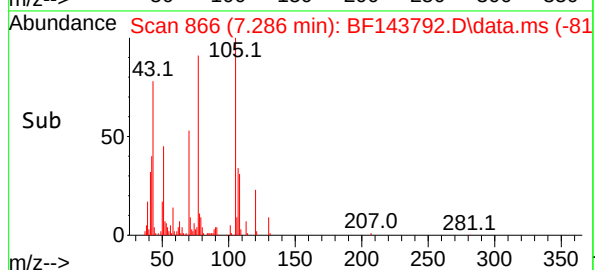
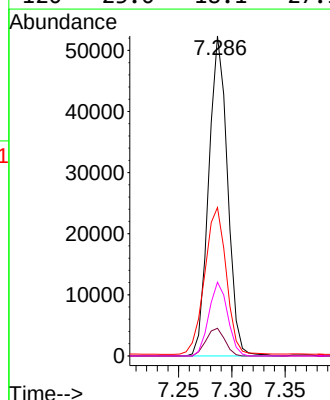
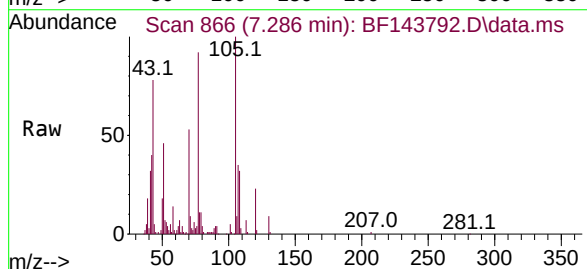
Ion Ratio Lower Upper

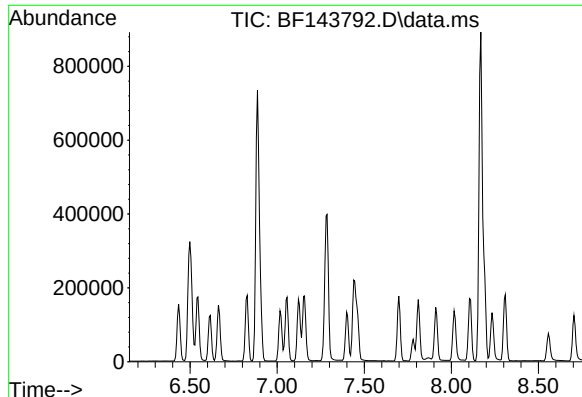
105 100

71 8.6 7.0 10.4

51 46.4 36.6 55.0

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

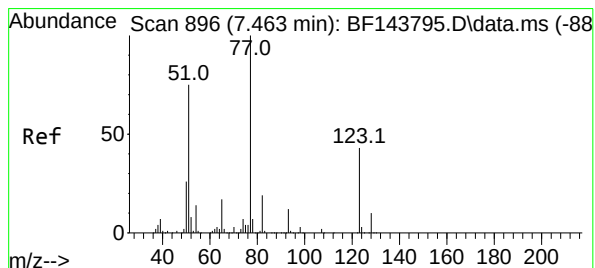
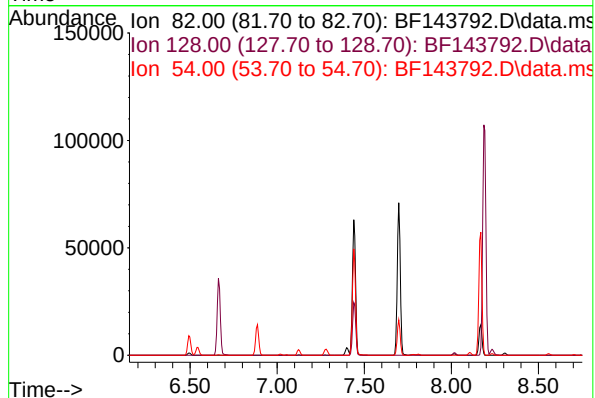
Tgt Ion: 82

Sig Exp Ratio

82 100

128 41.6

54 80.3



#24

Nitrobenzene

Concen: 4.994 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

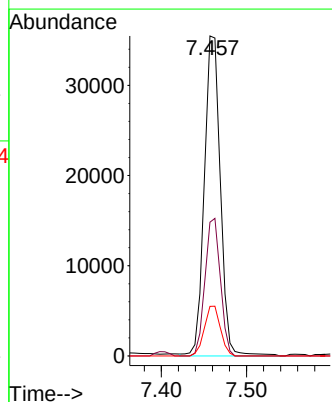
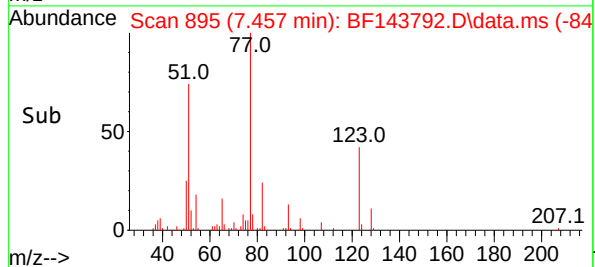
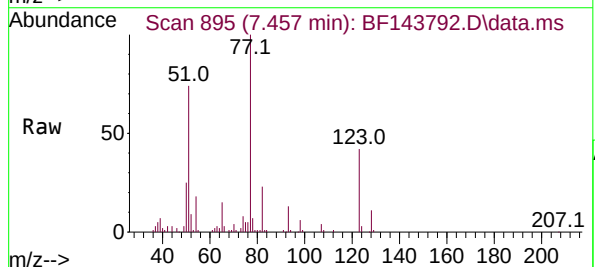
Tgt Ion: 77 Resp: 46458

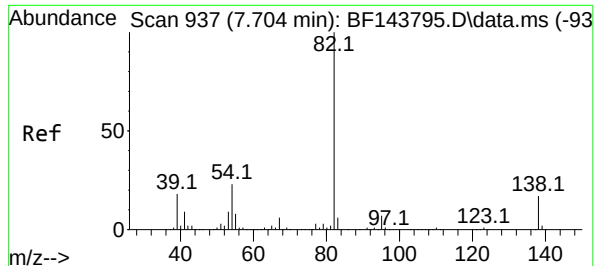
Ion Ratio Lower Upper

77 100

123 41.8 34.0 51.0

65 15.5 13.5 20.3

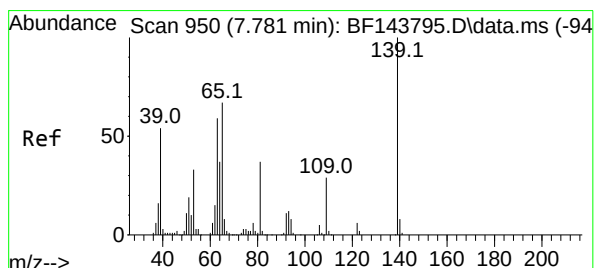
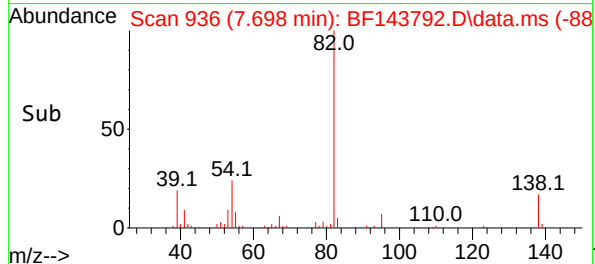
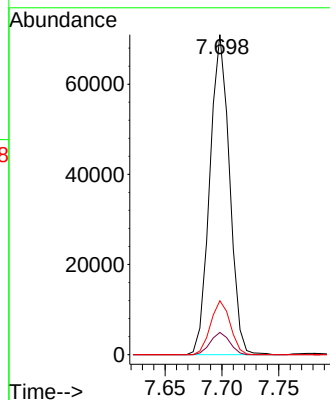
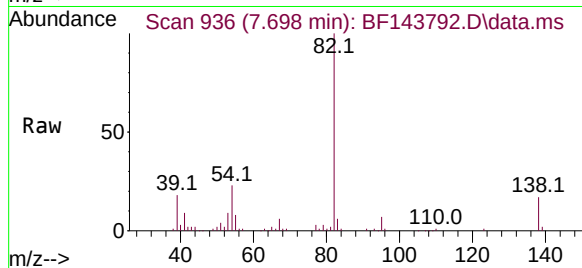




#25
Isophorone
Concen: 5.234 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

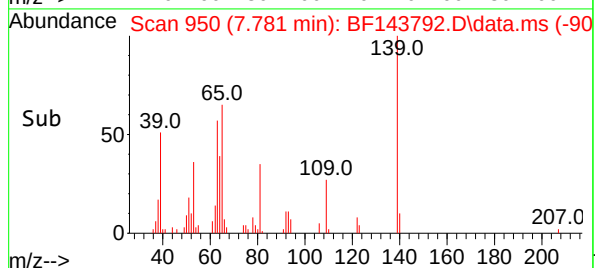
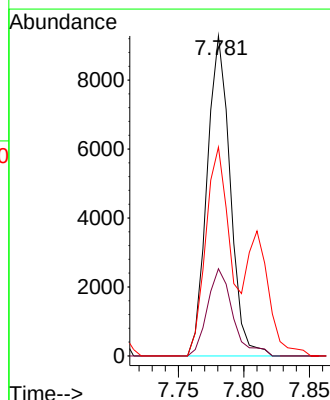
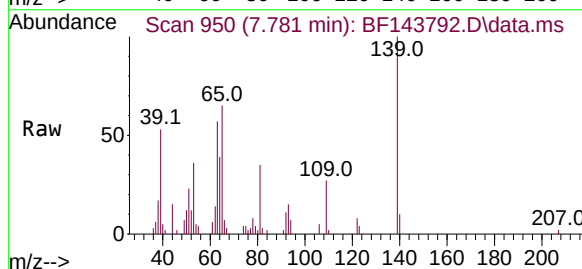
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

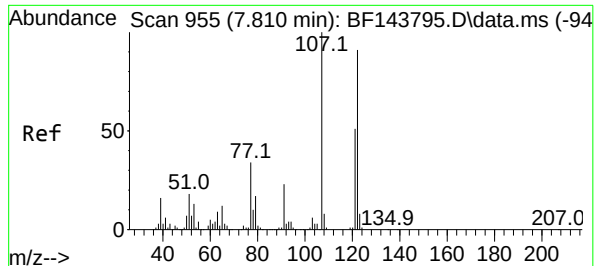
Tgt Ion:	82	Resp:	85608
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.8	13.7	20.5



#26
2-Nitrophenol
Concen: 5.528 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:	139	Resp:	11396
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.3	34.9
65	65.2	53.8	80.6





#27

2,4-Dimethylphenol

Concen: 5.122 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143792.D

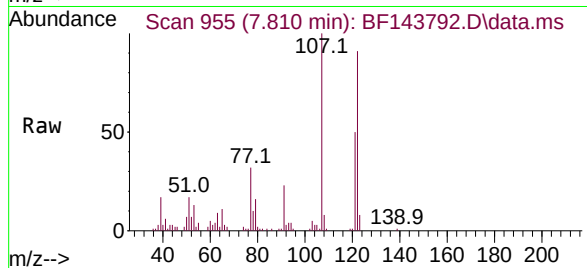
Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



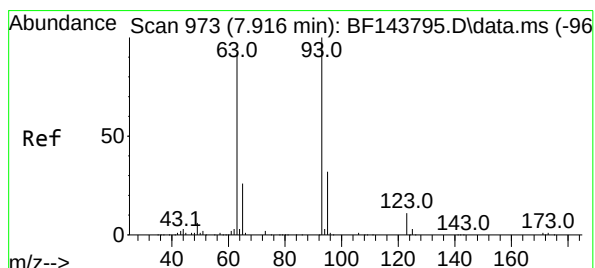
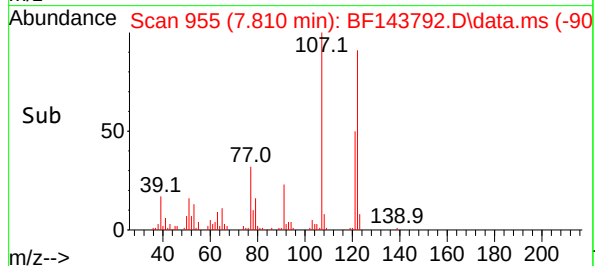
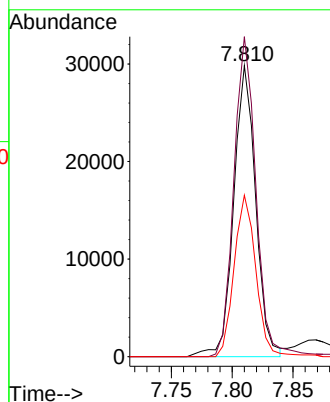
Tgt Ion:122 Resp: 37440

Ion Ratio Lower Upper

122 100

107 110.0 87.5 131.3

121 55.5 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 5.501 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

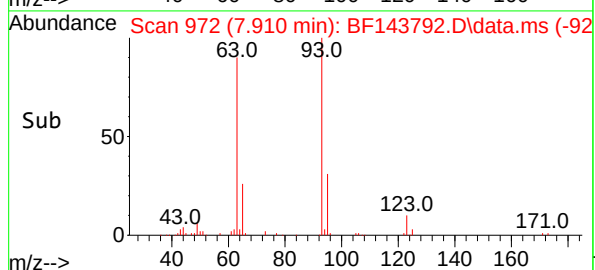
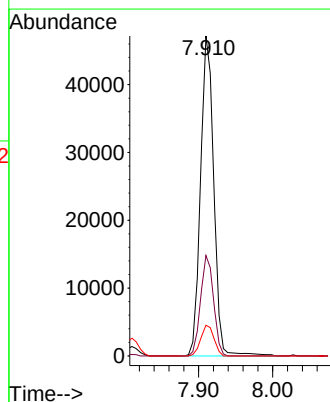
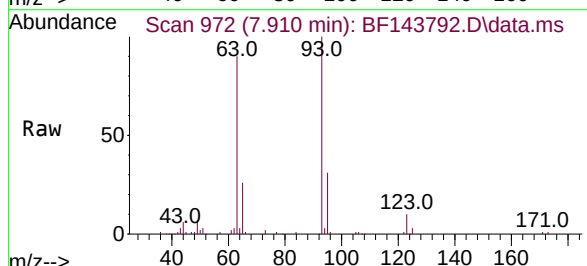
Tgt Ion: 93 Resp: 58456

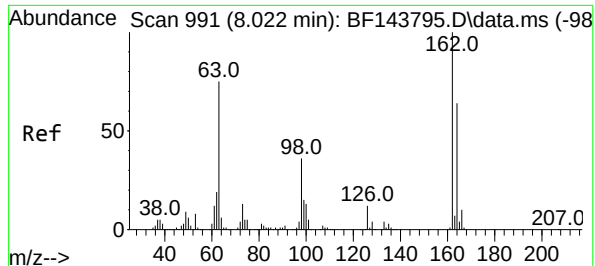
Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.8

123 9.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.947 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

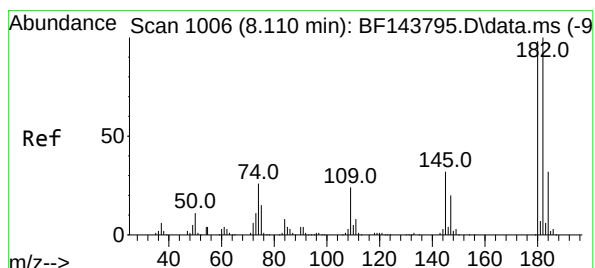
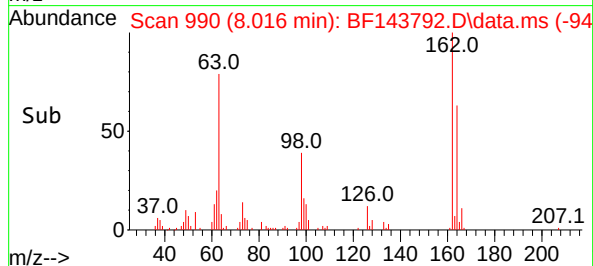
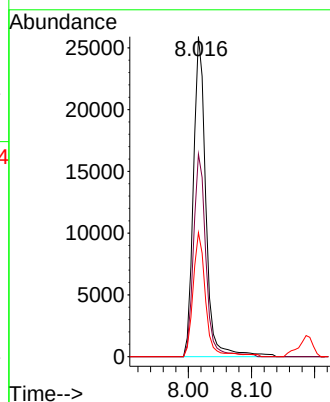
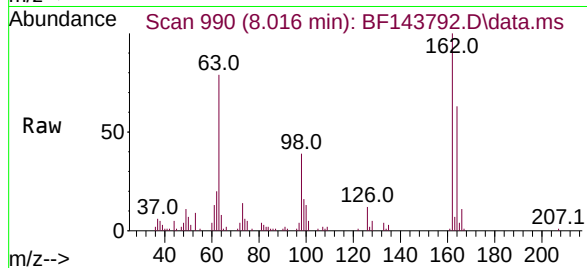
Tgt Ion:162 Resp: 35586

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 38.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 5.403 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

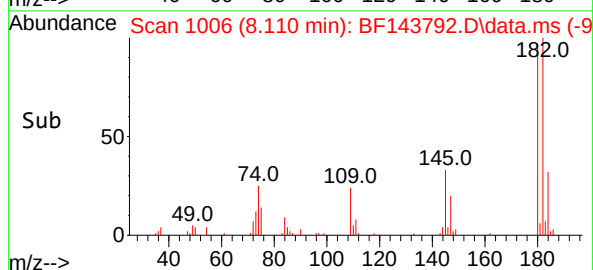
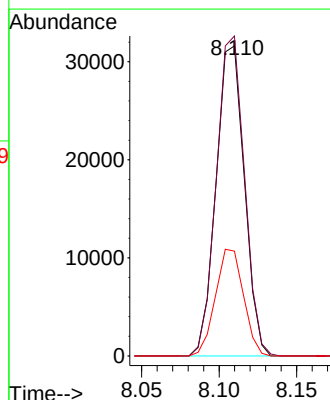
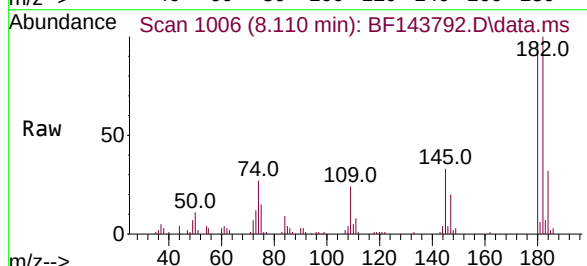
Tgt Ion:180 Resp: 40333

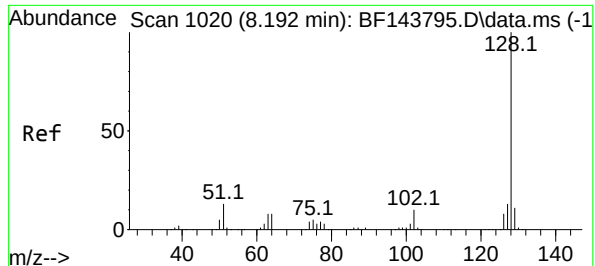
Ion Ratio Lower Upper

180 100

182 103.2 82.0 123.0

145 33.8 25.9 38.9





#31

Naphthalene

Concen: 5.523 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

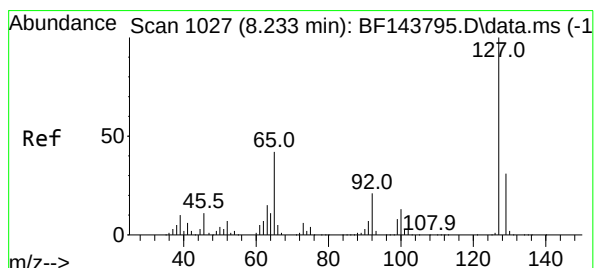
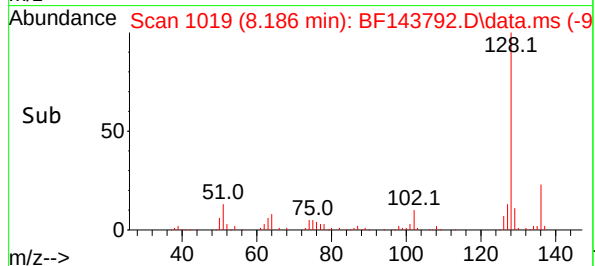
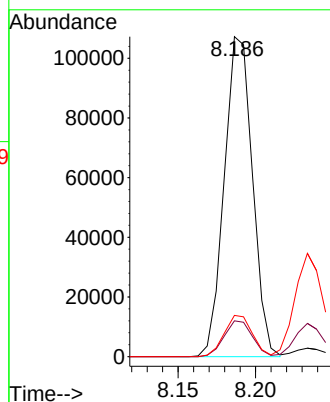
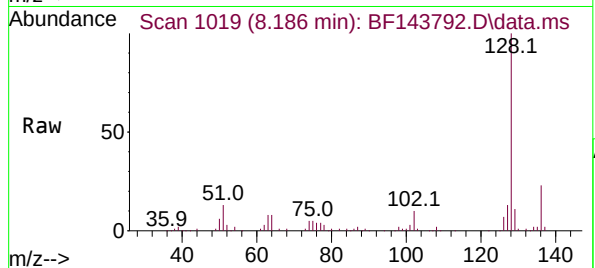
Tgt Ion:128 Resp: 135838

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 12.9 10.2 15.4



#33

4-Chloroaniline

Concen: 5.345 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:127 Resp: 46191

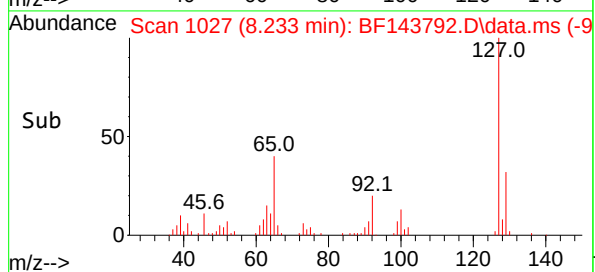
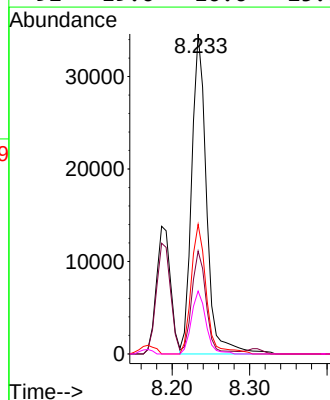
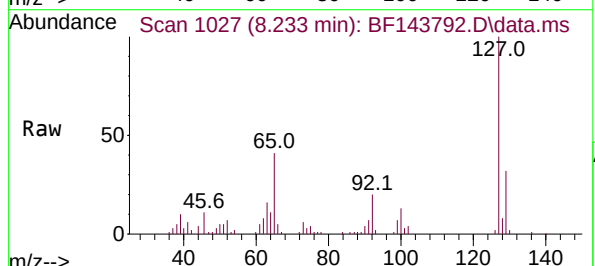
Ion Ratio Lower Upper

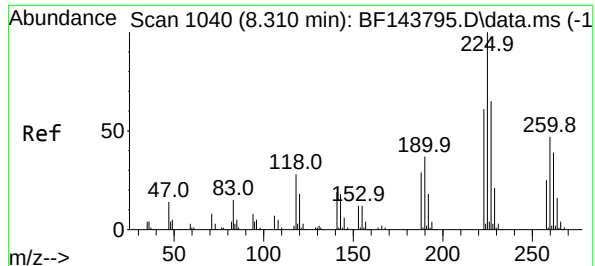
127 100

129 32.1 25.4 38.2

65 40.5 33.4 50.2

92 19.6 16.6 25.0





#34

Hexachlorobutadiene

Concen: 5.245 ng

RT: 8.310 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

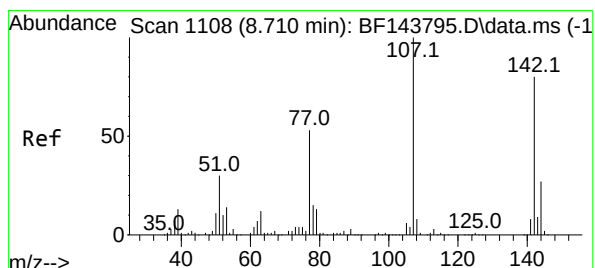
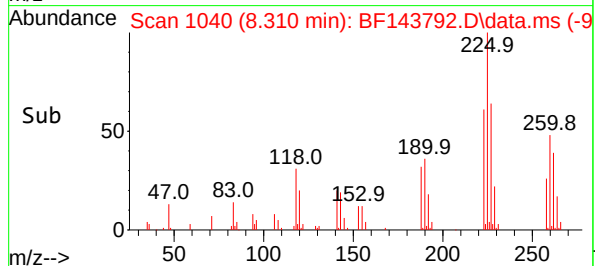
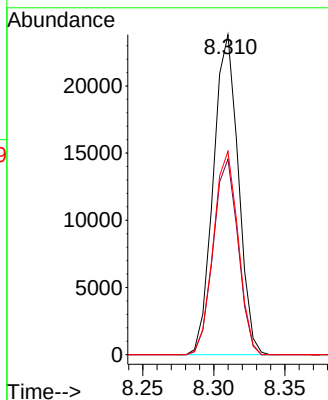
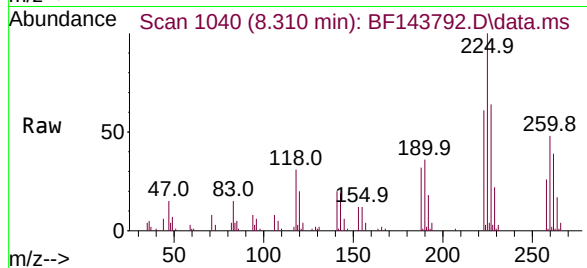
Tgt Ion:225 Resp: 29187

Ion Ratio Lower Upper

225 100

223 61.1 48.6 72.8

227 63.5 51.9 77.9



#36

4-Chloro-3-methylphenol

Concen: 5.152 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

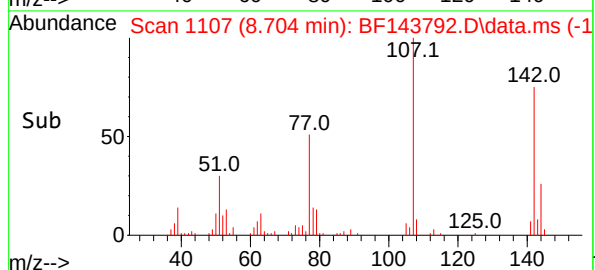
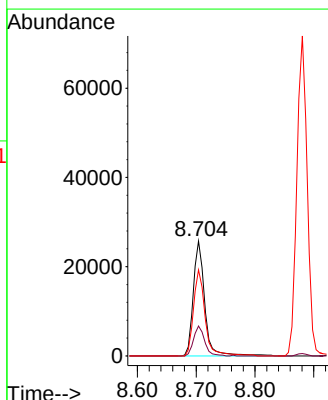
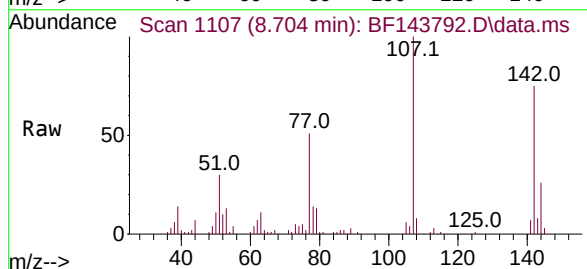
Tgt Ion:107 Resp: 34756

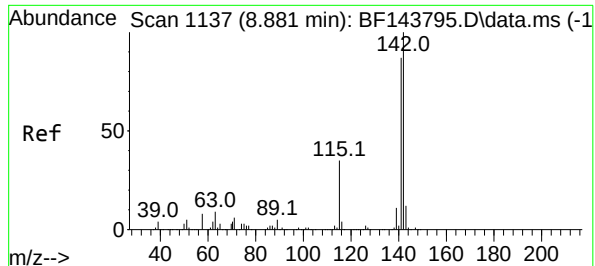
Ion Ratio Lower Upper

107 100

144 26.0 21.8 32.8

142 74.9 63.6 95.4





#37

2-Methylnaphthalene

Concen: 5.612 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

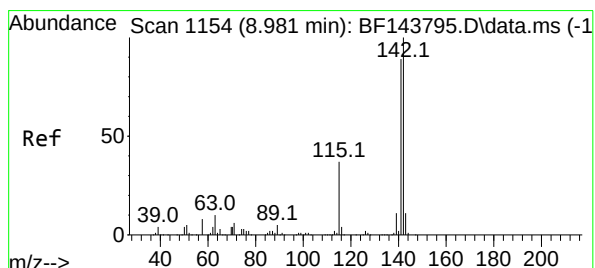
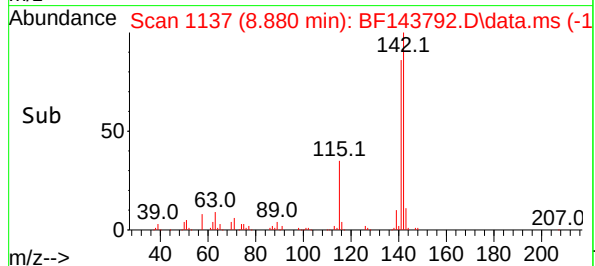
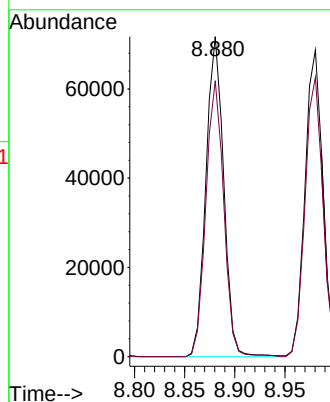
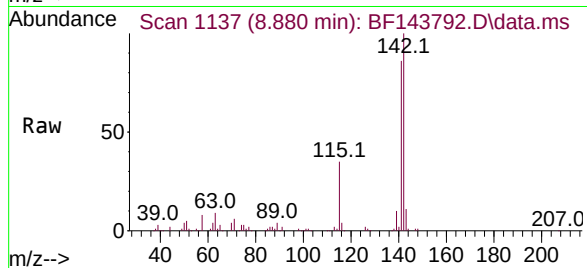
SSTDICC005

Tgt Ion:142 Resp: 88002

Ion Ratio Lower Upper

142 100

141 86.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 5.609 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143792.D

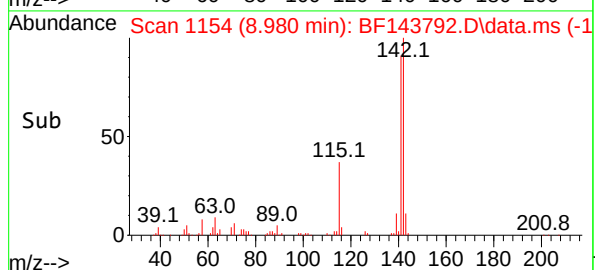
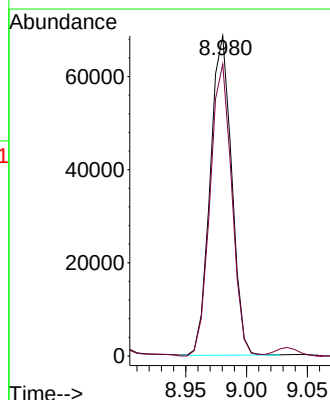
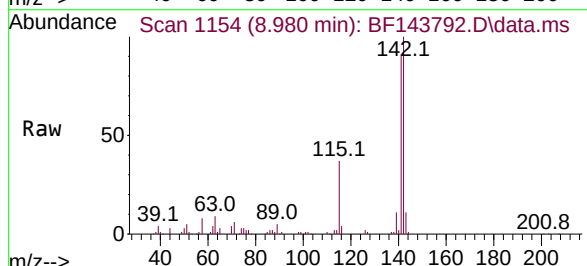
Acq: 23 Sep 2025 10:58

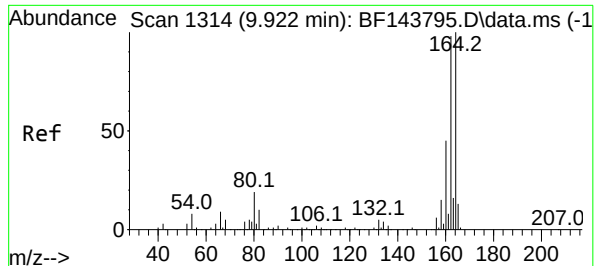
Tgt Ion:142 Resp: 84197

Ion Ratio Lower Upper

142 100

141 91.2 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143792.D

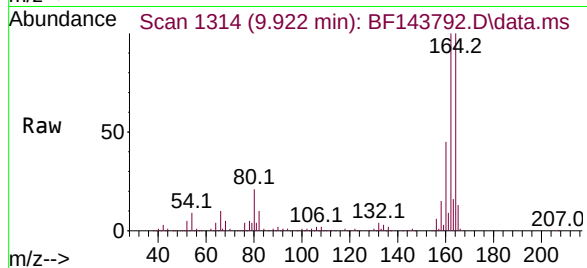
Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

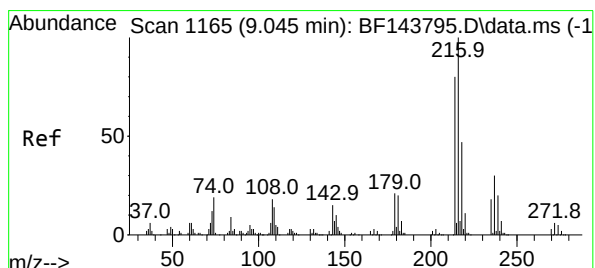
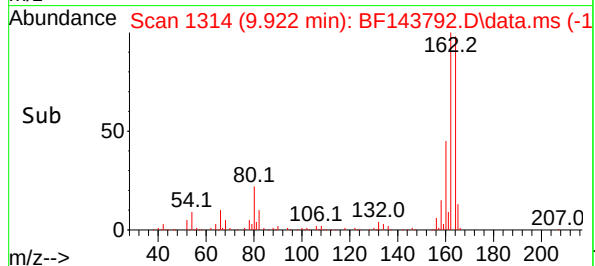
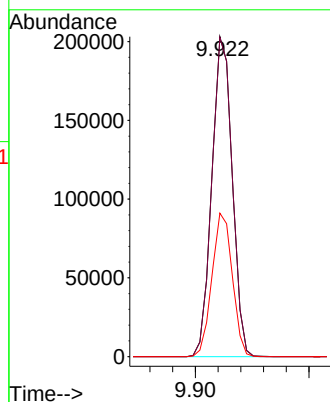
ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 252917

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	44.8	35.8	53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.441 ng

RT: 9.045 min Scan# 1165

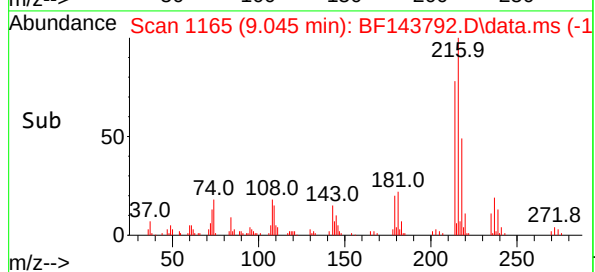
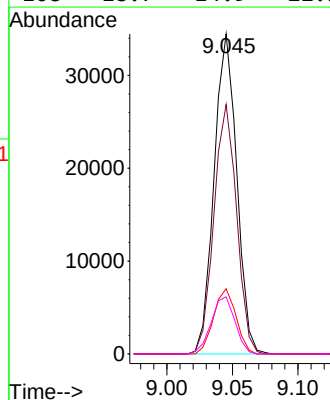
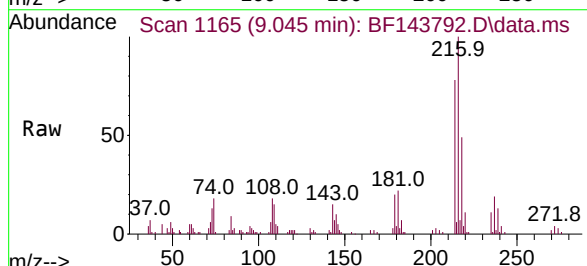
Delta R.T. -0.006 min

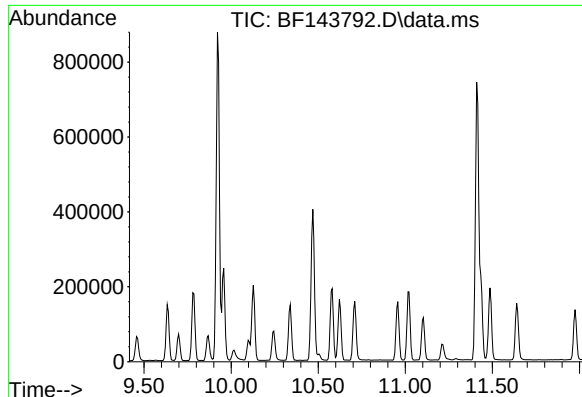
Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:216 Resp: 41527

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.7	95.5
179	20.2	16.5	24.7
108	18.7	14.9	22.3





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

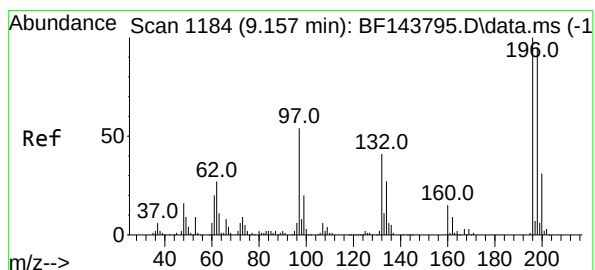
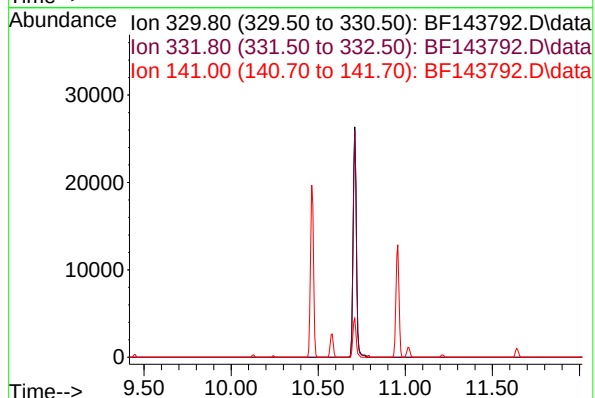
Tgt Ion: 330

Sig Exp Ratio

330 100

332 93.4

141 17.9



#43

2,4,6-Trichlorophenol

Concen: 4.555 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

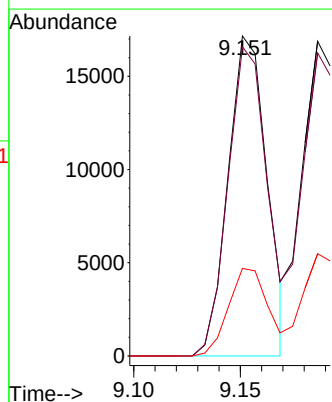
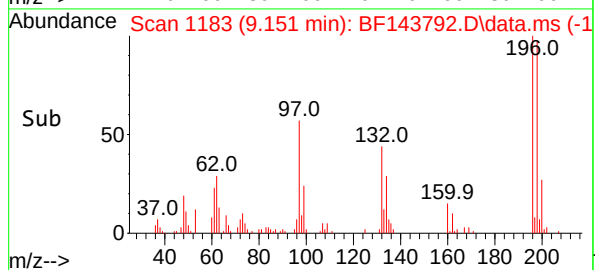
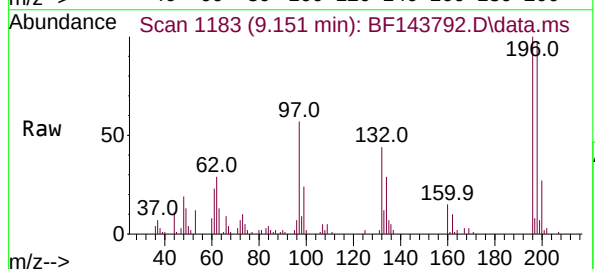
Tgt Ion:196 Resp: 21768

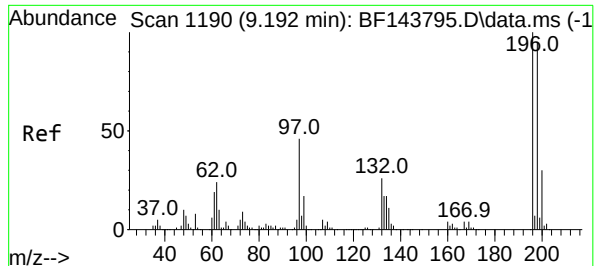
Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.2

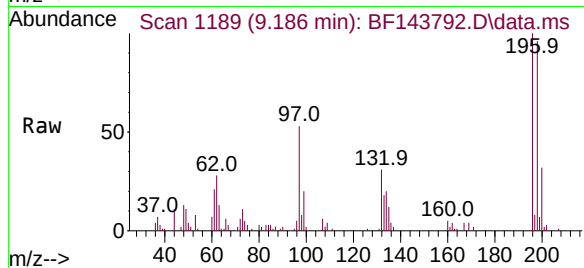
200 27.3 24.7 37.1



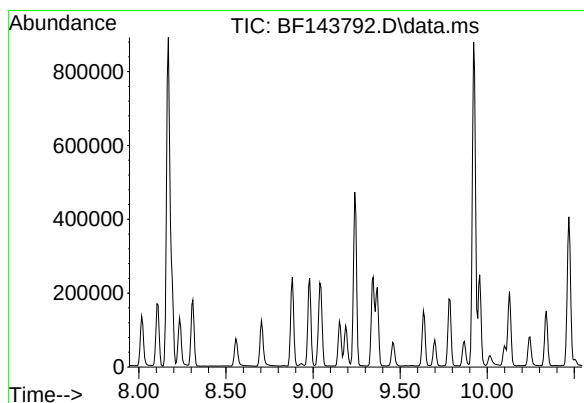
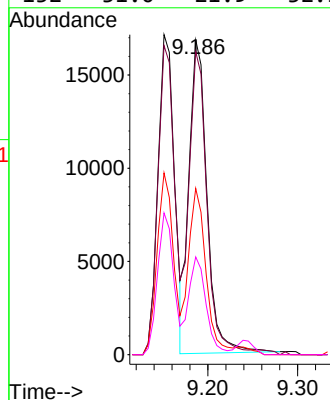
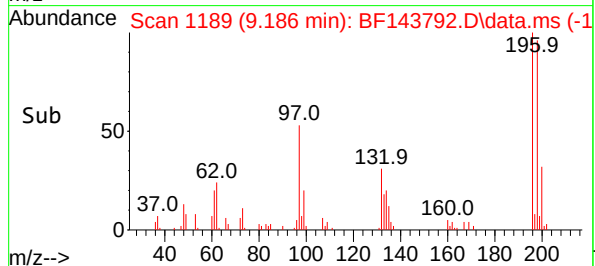


#44
2,4,5-Trichlorophenol
Concen: 4.692 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005



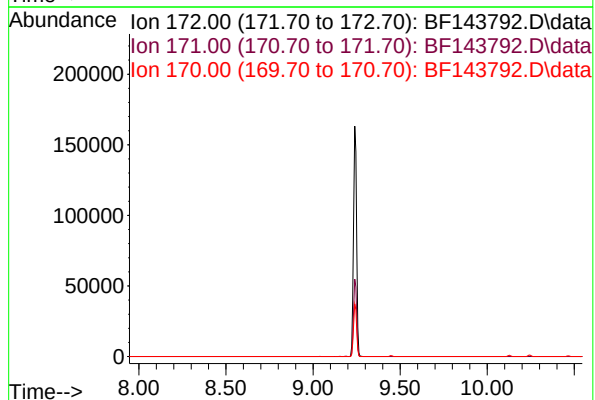
Tgt Ion:196 Resp: 23454
Ion Ratio Lower Upper
196 100
198 96.3 75.9 113.9
97 52.8 38.3 57.5
132 31.0 21.9 32.9

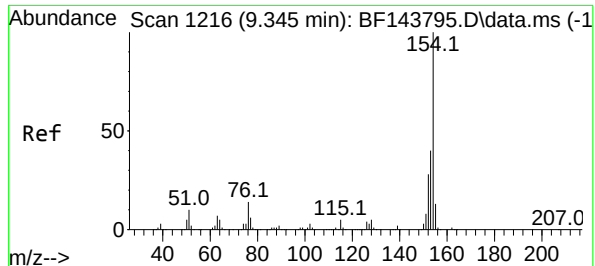


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.9





#46

1,1'-Biphenyl

Concen: 5.552 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

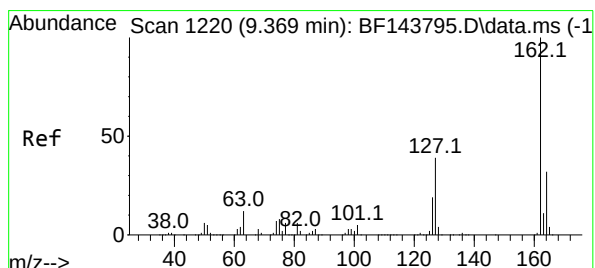
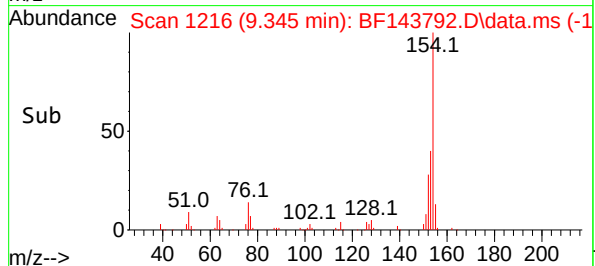
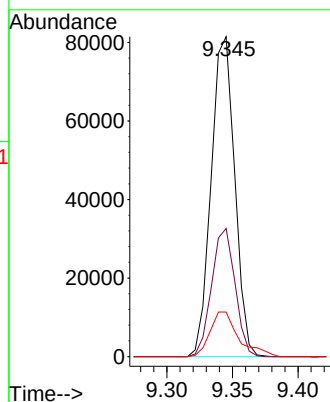
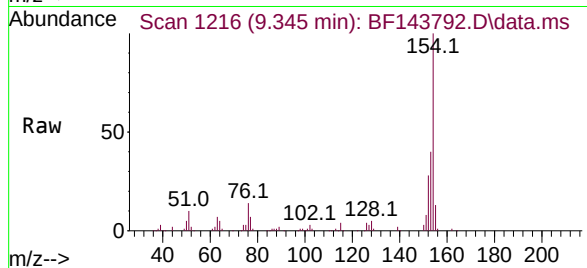
Tgt Ion:154 Resp: 101651

Ion Ratio Lower Upper

154 100

153 40.0 19.7 59.7

76 13.9 0.0 33.8



#47

2-Chloronaphthalene

Concen: 5.504 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

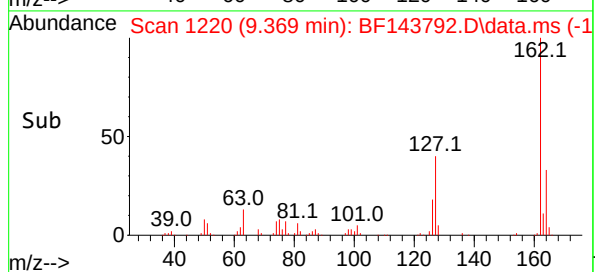
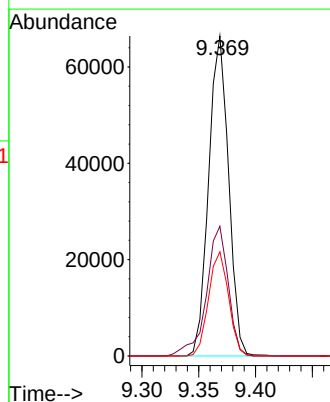
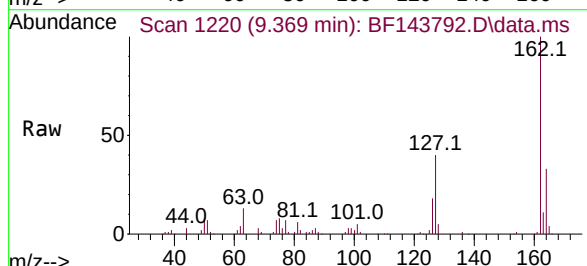
Tgt Ion:162 Resp: 81117

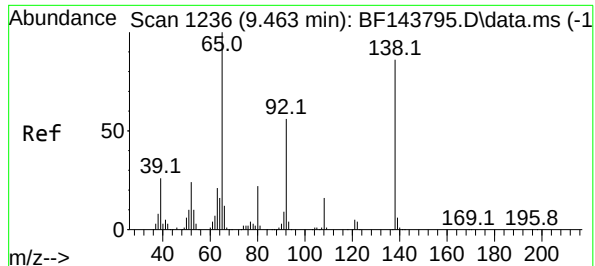
Ion Ratio Lower Upper

162 100

127 40.5 31.5 47.3

164 32.5 25.9 38.9





#48

2-Nitroaniline

Concen: 3.427 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

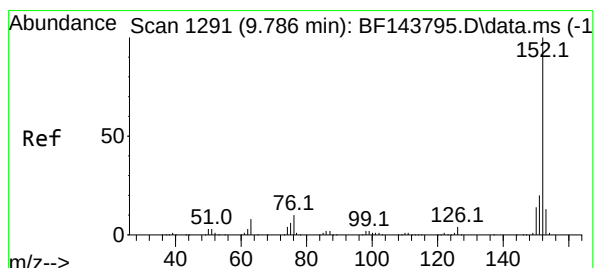
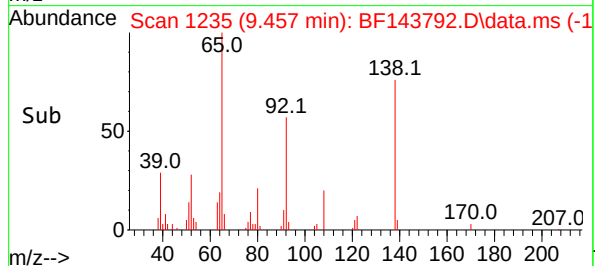
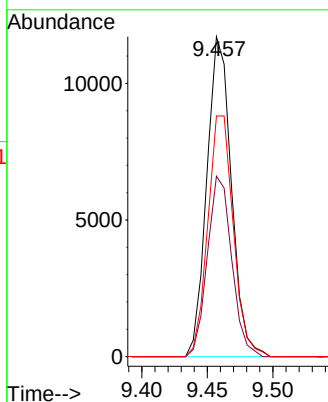
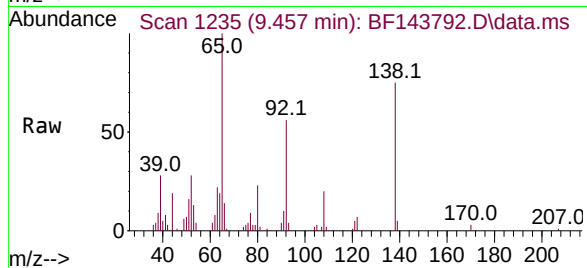
Tgt Ion: 65 Resp: 15262

Ion Ratio Lower Upper

65 100

92 56.4 44.9 67.3

138 75.2 69.0 103.4



#49

Acenaphthylene

Concen: 5.389 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

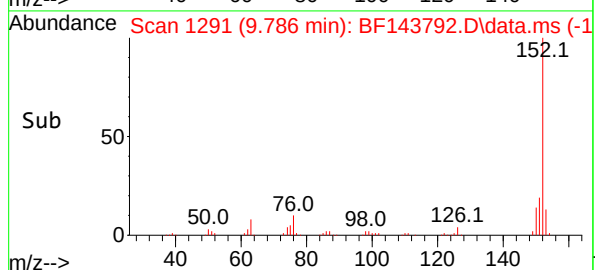
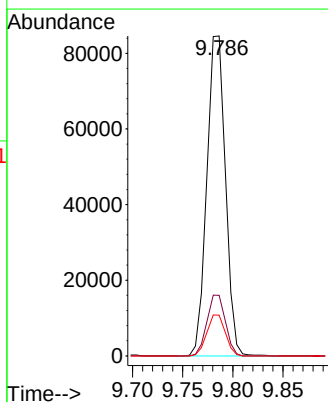
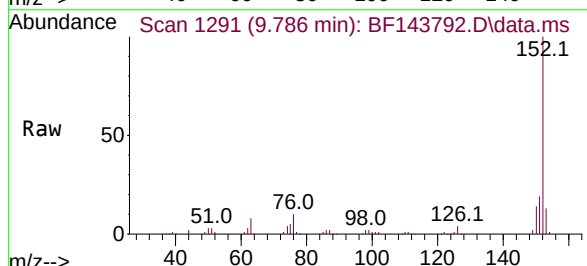
Tgt Ion: 152 Resp: 109327

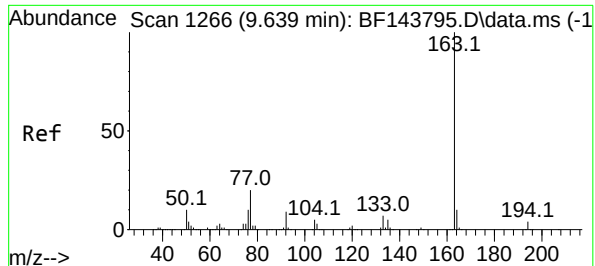
Ion Ratio Lower Upper

152 100

151 18.9 15.7 23.5

153 12.7 10.6 15.8

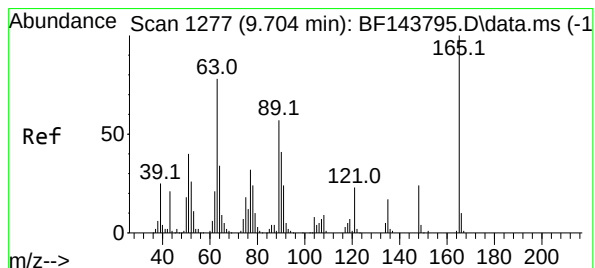
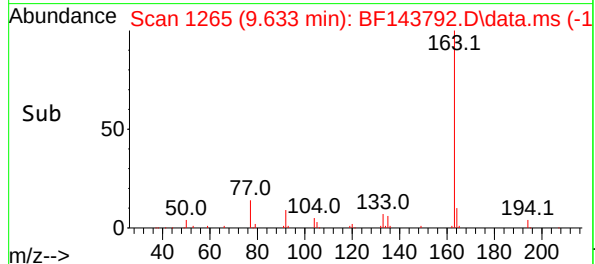
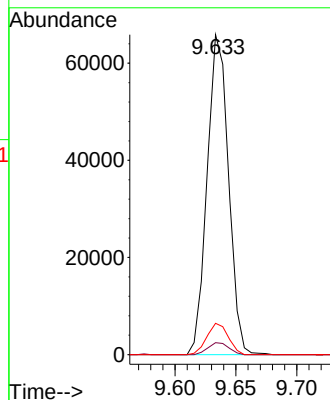
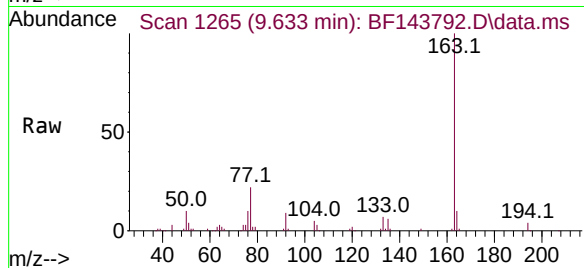




#50
Dimethylphthalate
Concen: 5.229 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

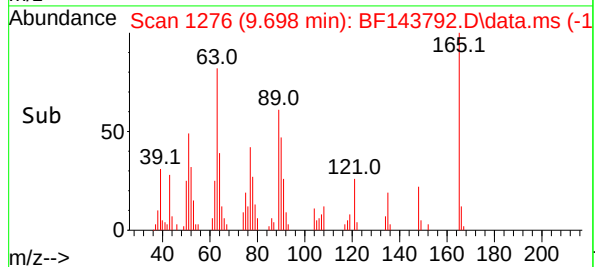
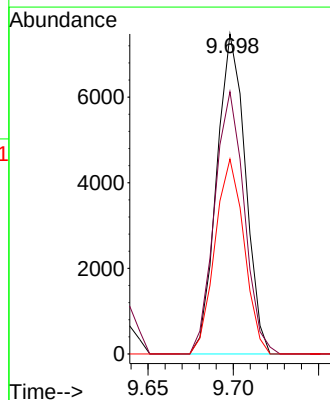
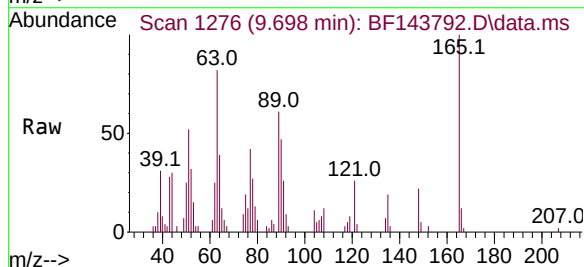
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

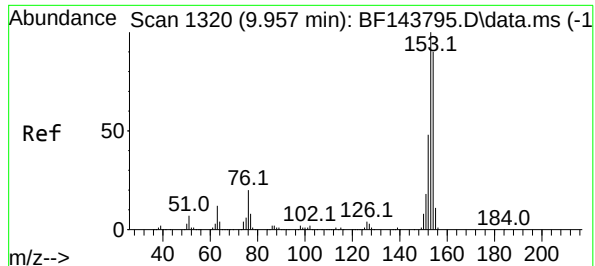
Tgt Ion:163 Resp: 80614
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.452 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 8744
Ion Ratio Lower Upper
165 100
63 81.9 62.6 94.0
89 60.9 45.2 67.8

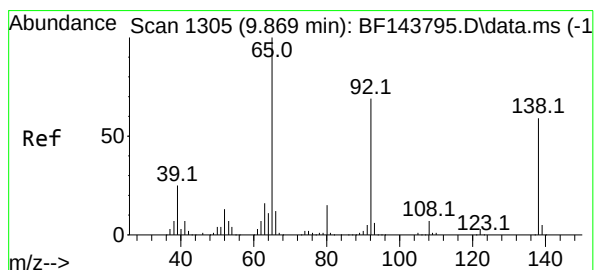
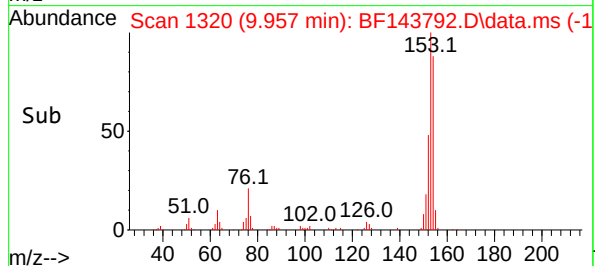
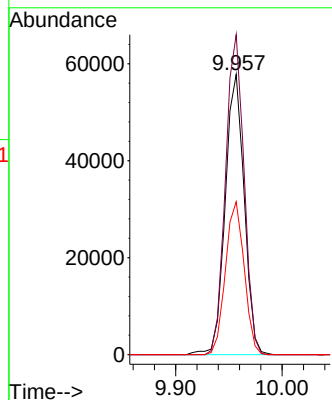
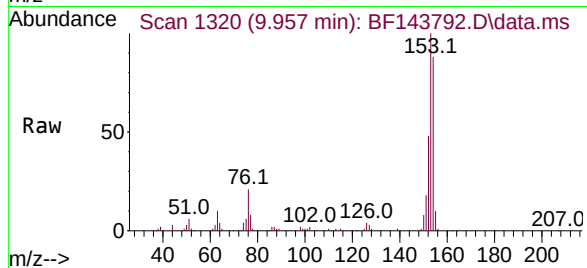




#52
Acenaphthene
Concen: 5.372 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

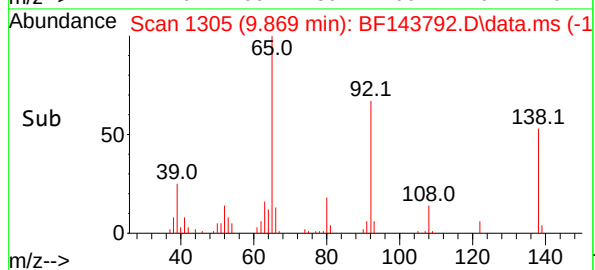
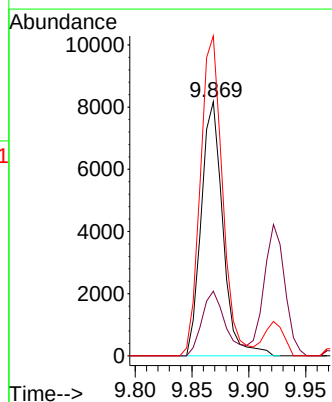
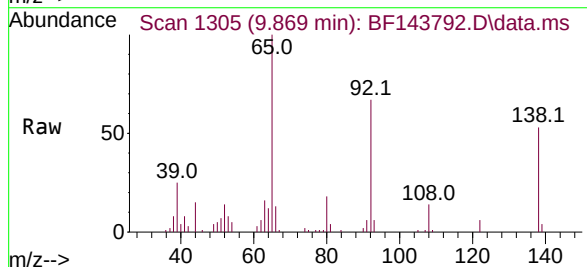
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

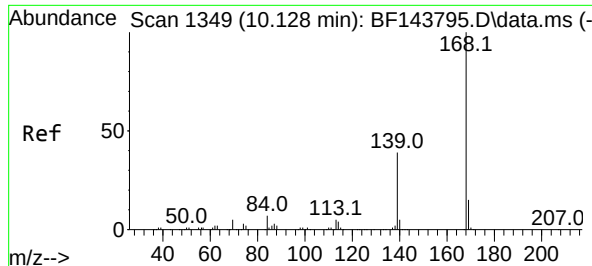
Tgt Ion:154 Resp: 71713
Ion Ratio Lower Upper
154 100
153 114.2 88.7 133.1
152 54.6 42.7 64.1



#53
3-Nitroaniline
Concen: 3.526 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:138 Resp: 10825
Ion Ratio Lower Upper
138 100
108 25.4 9.9 14.9#
92 125.9 93.5 140.3





#55

Dibenzenofuran

Concen: 5.524 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

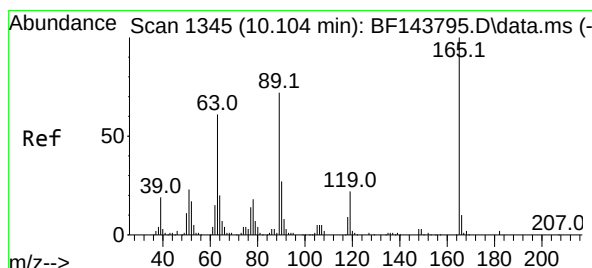
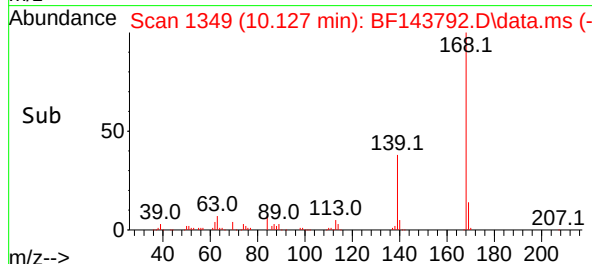
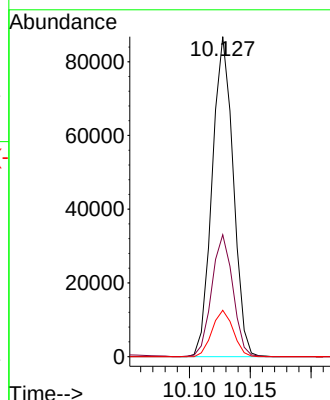
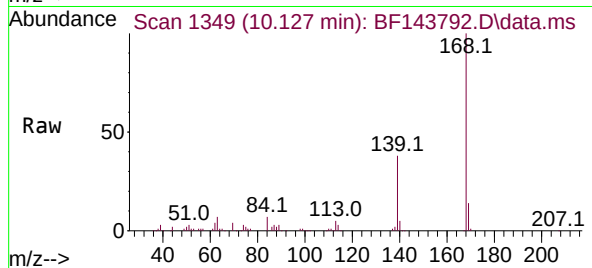
Tgt Ion:168 Resp: 104283

Ion Ratio Lower Upper

168 100

139 38.1 31.0 46.6

169 14.5 11.9 17.9



#57

2,4-Dinitrotoluene

Concen: 5.298 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 9518

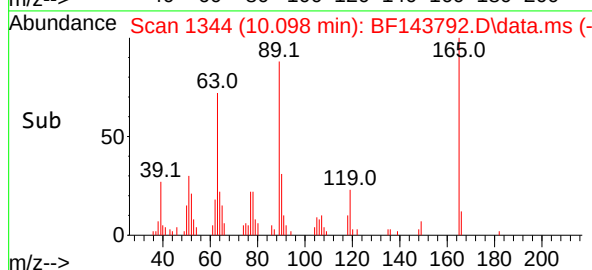
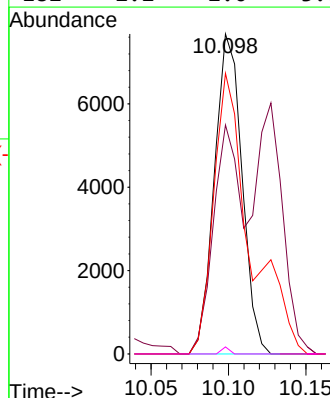
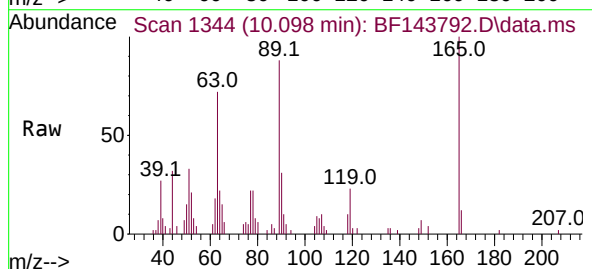
Ion Ratio Lower Upper

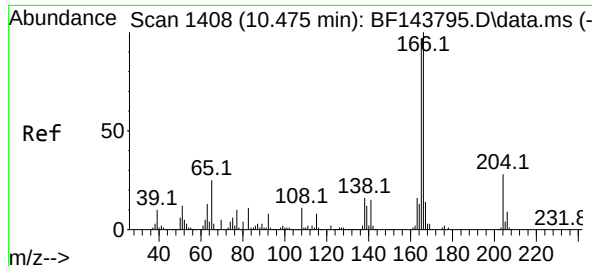
165 100

63 71.5 48.9 73.3

89 87.7 57.5 86.3#

182 2.2 2.0 3.0

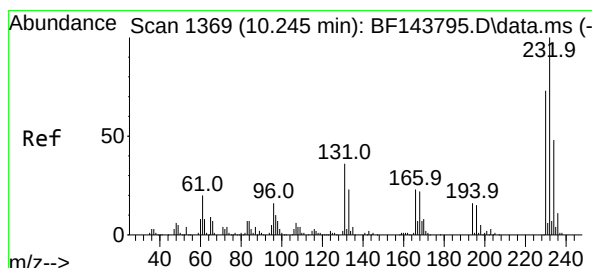
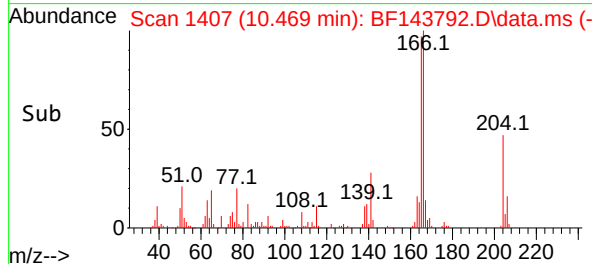
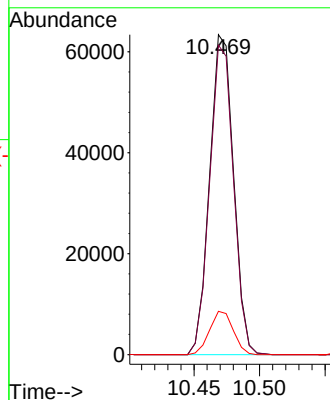
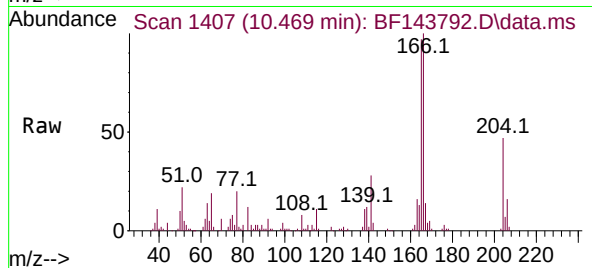




#58
Fluorene
Concen: 5.745 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

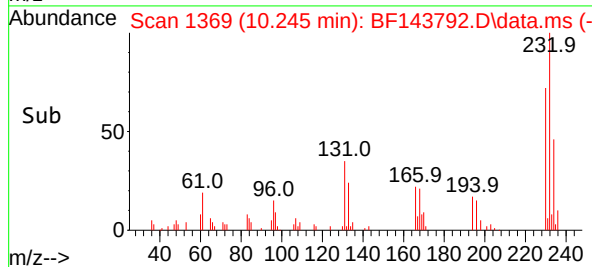
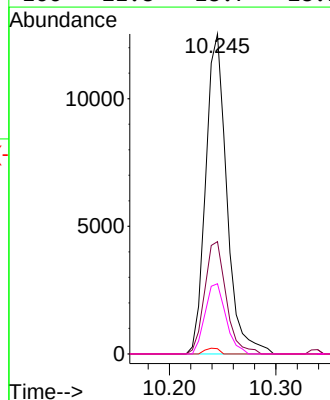
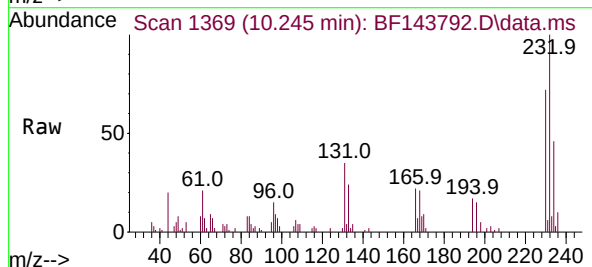
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

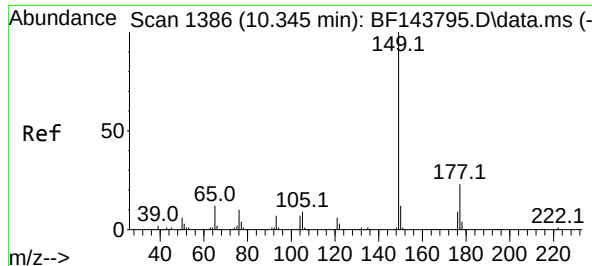
Tgt Ion:166 Resp: 80629
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.5 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.017 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:232 Resp: 17203
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 1.2 1.3 1.9#
166 21.8 18.7 28.1

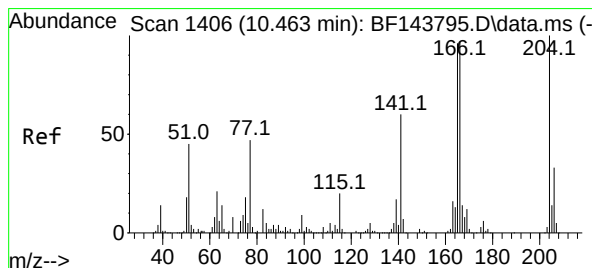
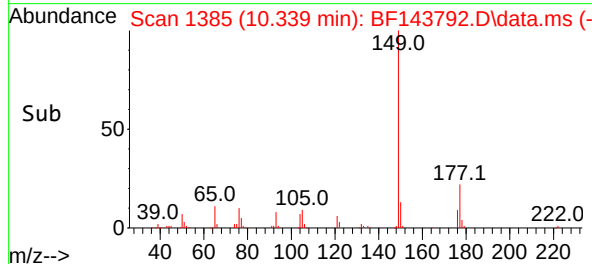
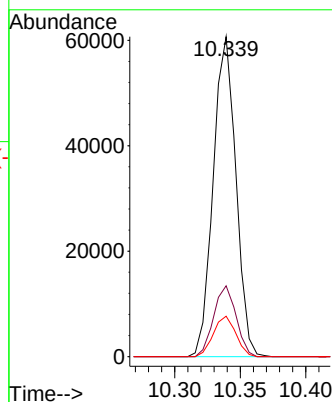
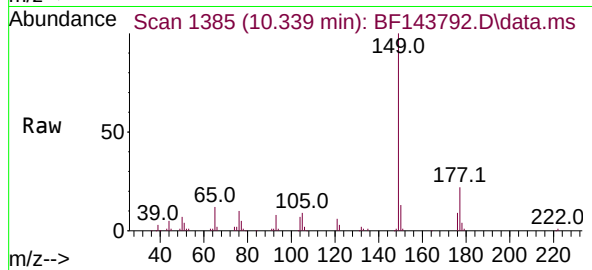




#60
Diethylphthalate
Concen: 5.076 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

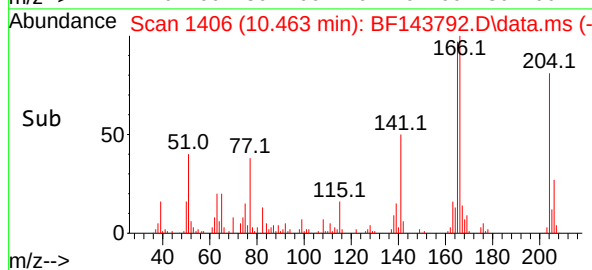
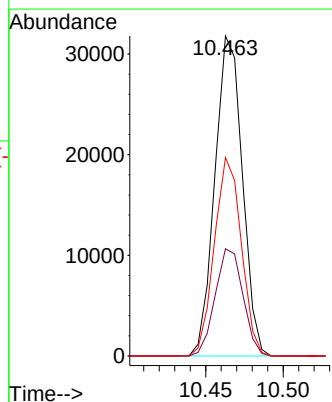
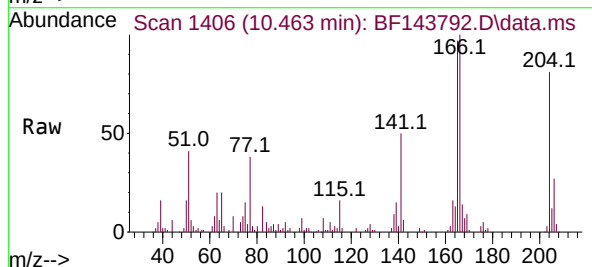
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

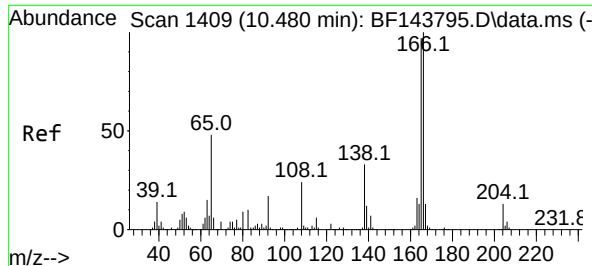
Tgt Ion:149 Resp: 73247
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 9.7 14.5



#61
4-Chlorophenyl-phenylether
Concen: 5.487 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:204 Resp: 39239
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 62.0 48.2 72.2

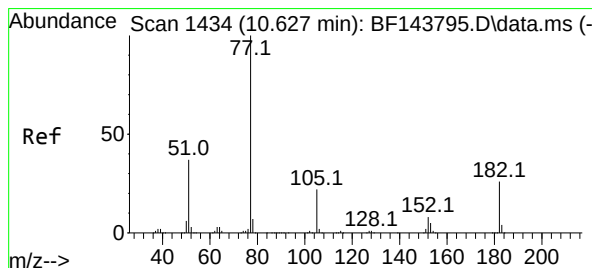
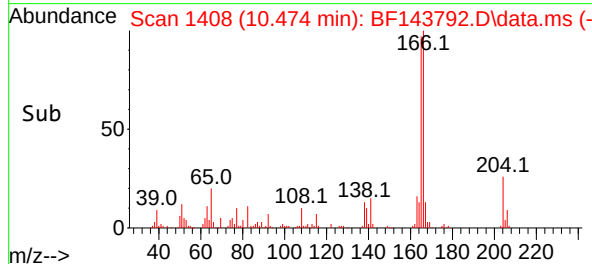
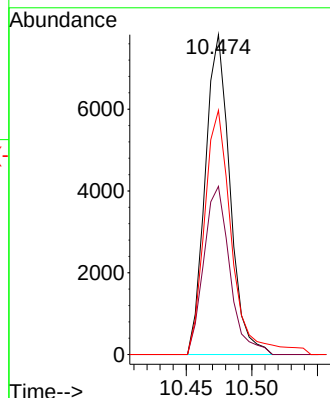
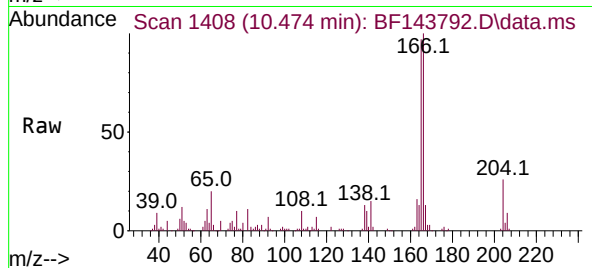




#62
4-Nitroaniline
Concen: 3.554 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

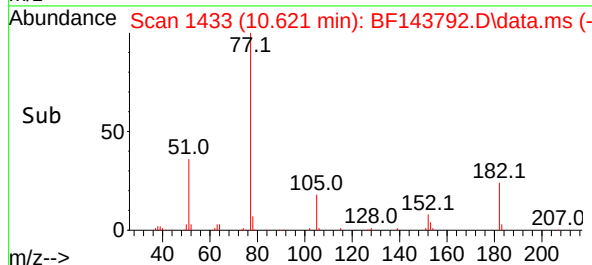
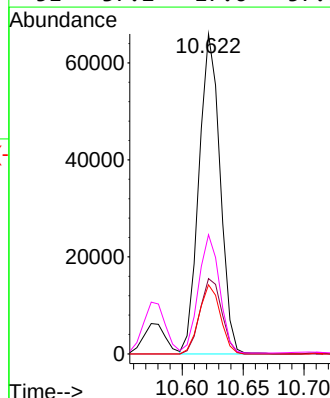
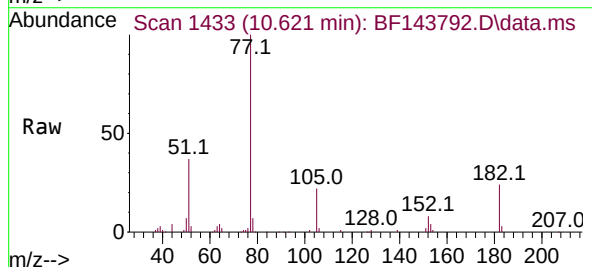
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

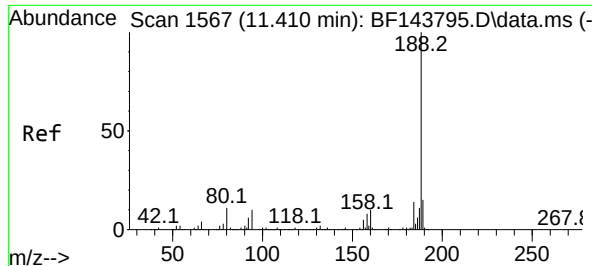
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	31.5	71.5
108	76.3	51.9	91.9



#63
Azobenzene
Concen: 5.240 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.9	45.9
105	21.6	2.3	42.3
51	37.2	17.6	57.6

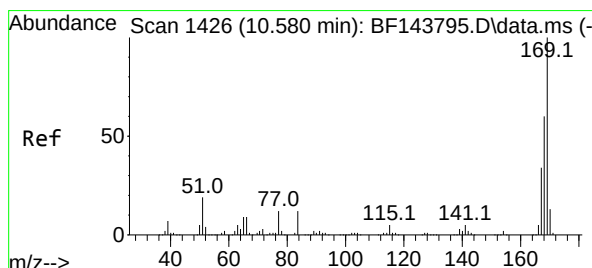
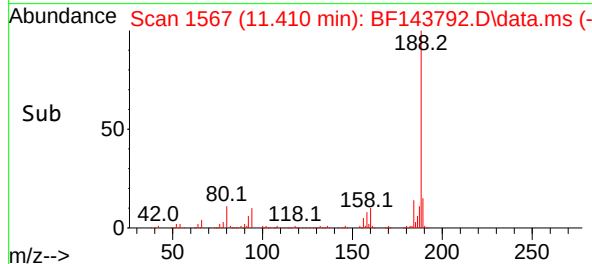
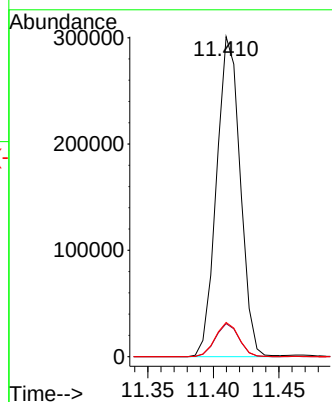
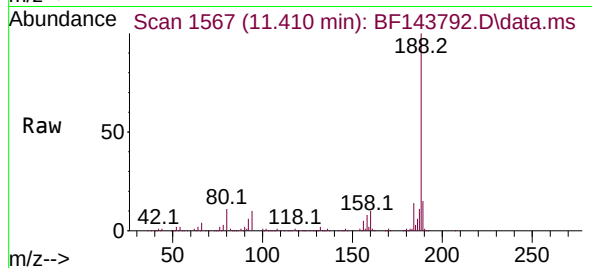




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

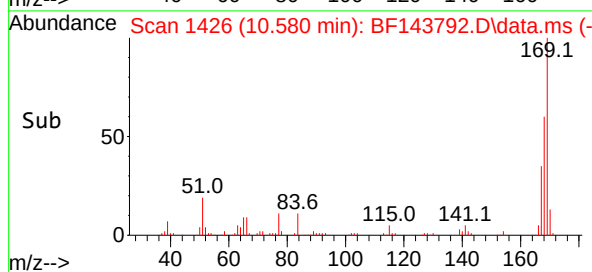
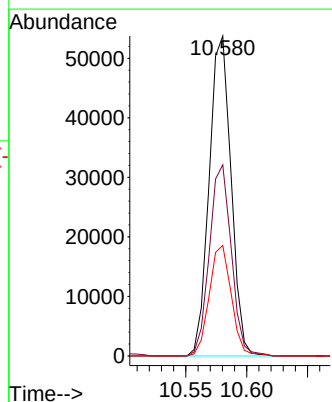
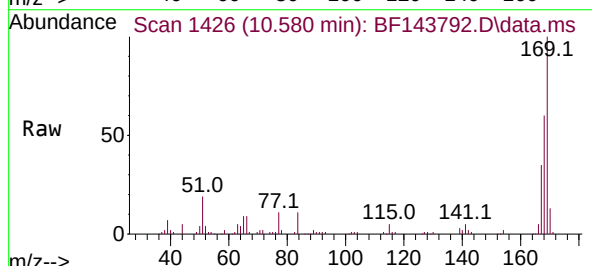
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

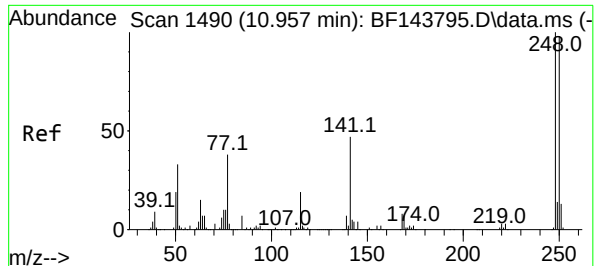
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.7	8.6	12.8



#66
n-Nitrosodiphenylamine
Concen: 5.378 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.7	47.9	71.9
167	34.5	27.0	40.6

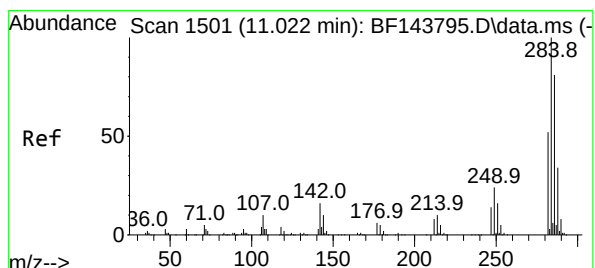
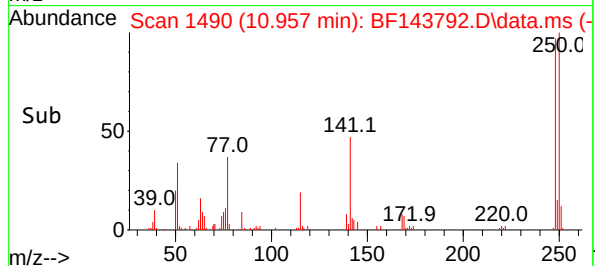
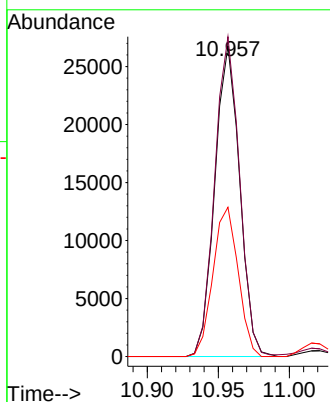
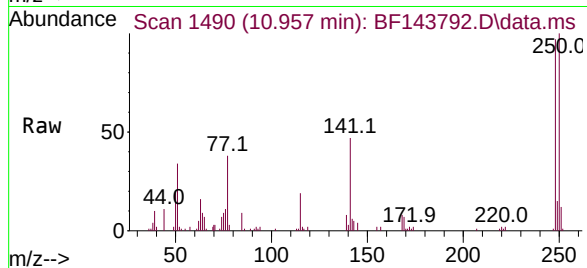




#67
4-Bromophenyl-phenylether
Concen: 5.047 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

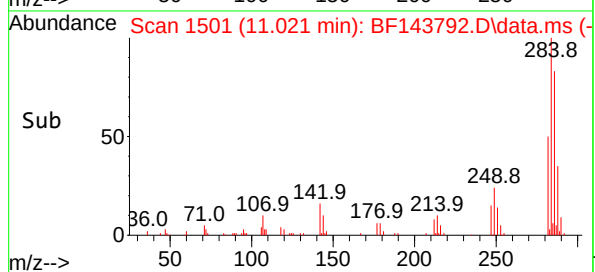
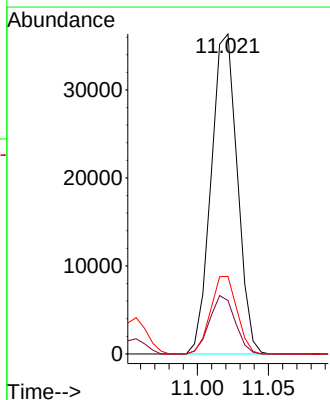
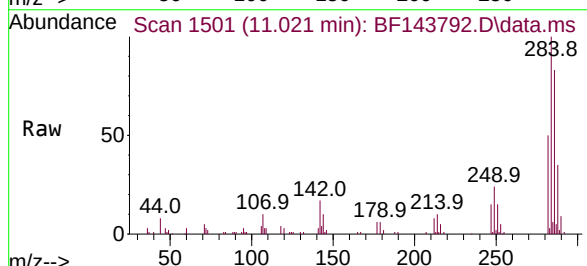
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

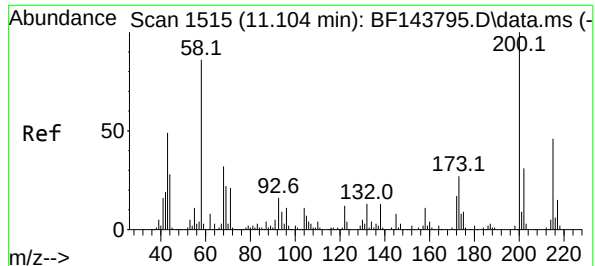
Tgt Ion:248 Resp: 32607
Ion Ratio Lower Upper
248 100
250 103.0 78.7 118.1
141 48.1 37.9 56.9



#68
Hexachlorobenzene
Concen: 5.238 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:284 Resp: 46642
Ion Ratio Lower Upper
284 100
142 16.7 13.1 19.7
249 24.2 19.5 29.3





#69

Atrazine

Concen: 4.683 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

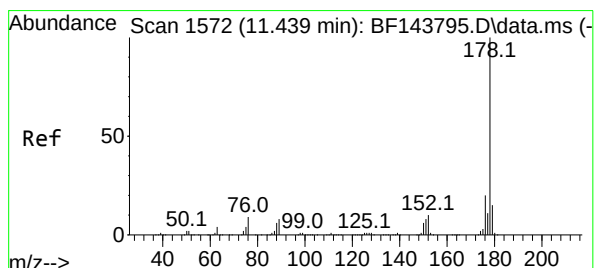
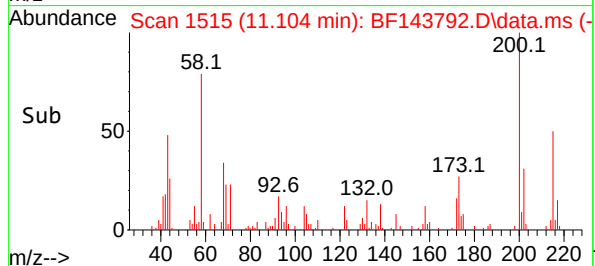
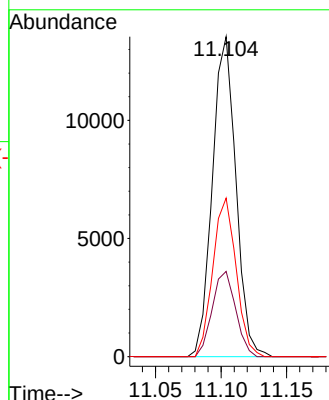
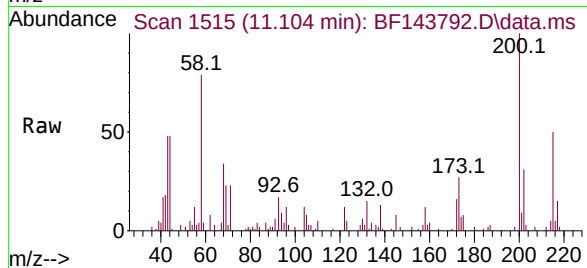
Tgt Ion:200 Resp: 16909

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

215 49.5 26.0 66.0



#71

Phenanthrene

Concen: 5.577 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

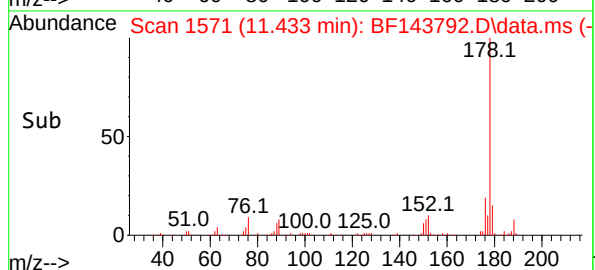
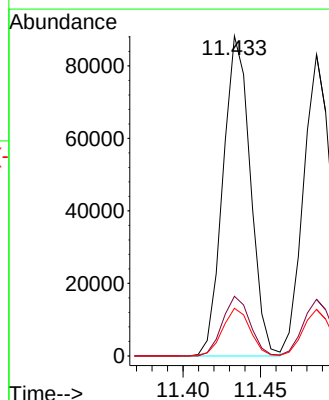
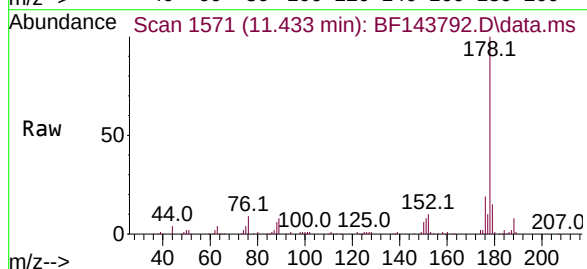
Tgt Ion:178 Resp: 108554

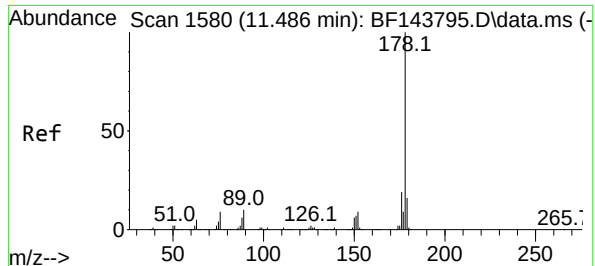
Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

179 14.9 12.2 18.4

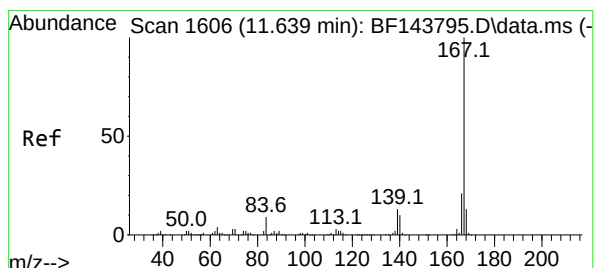
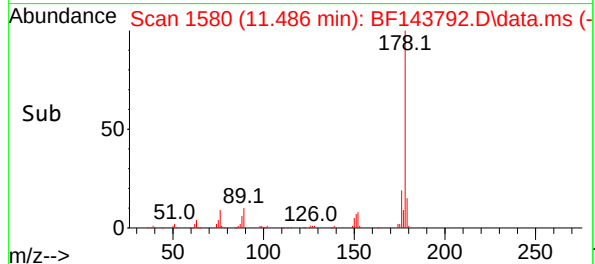
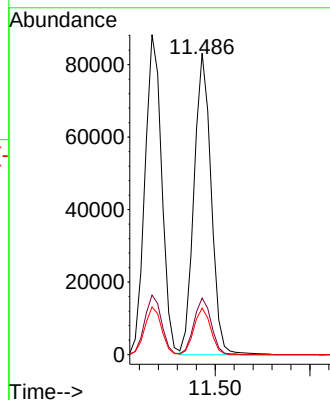
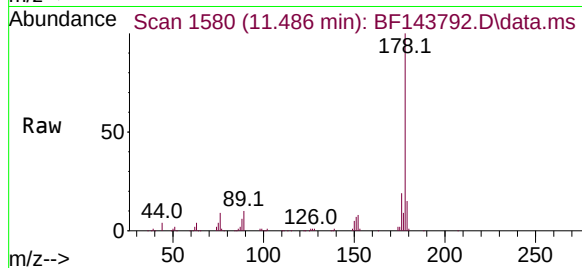




#72
Anthracene
Concen: 5.322 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

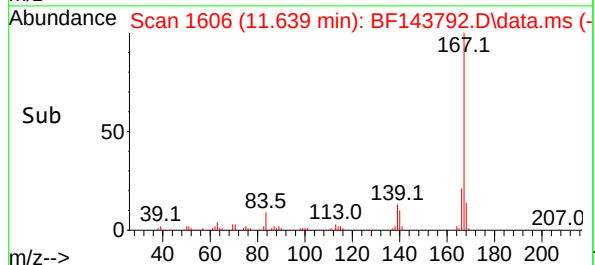
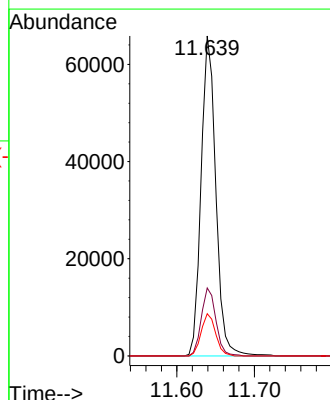
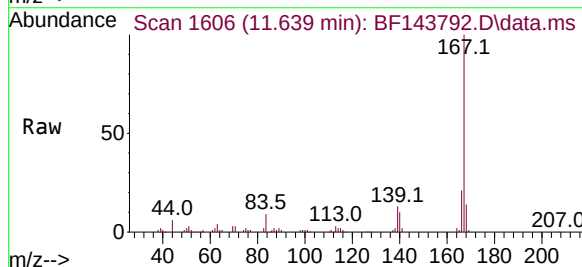
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

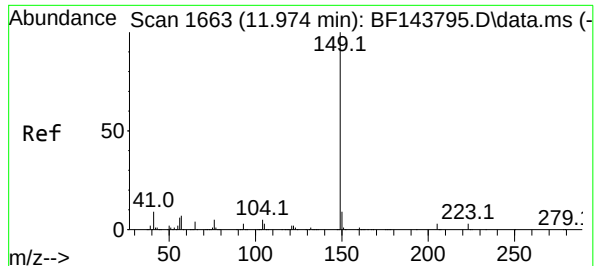
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.8	19.2



#73
Carbazole
Concen: 5.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	15.8

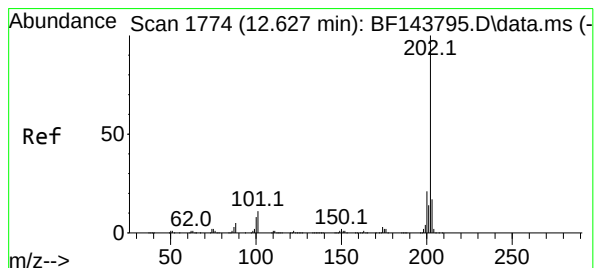
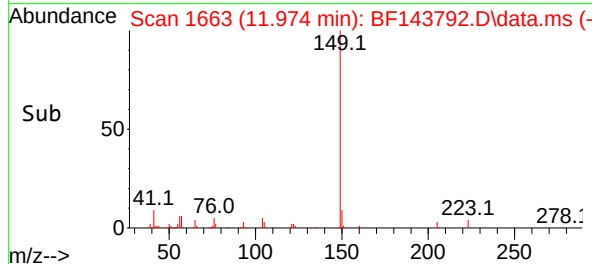
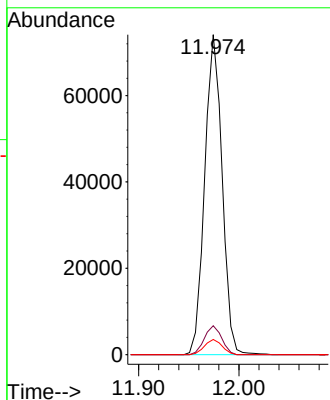
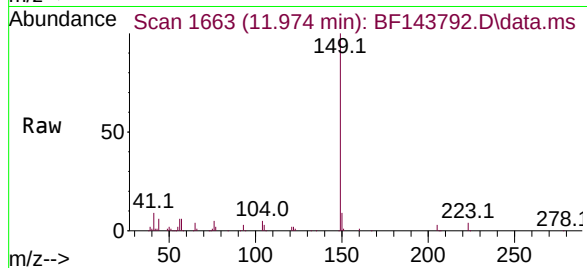




#74
Di-n-butylphthalate
Concen: 4.538 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

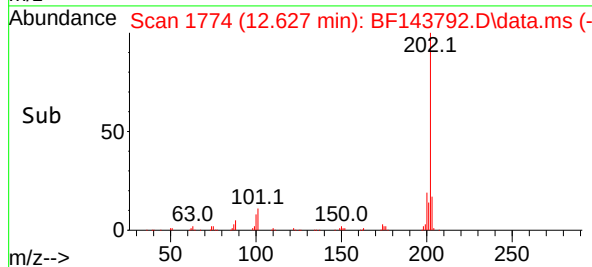
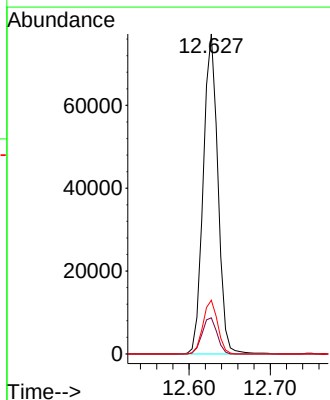
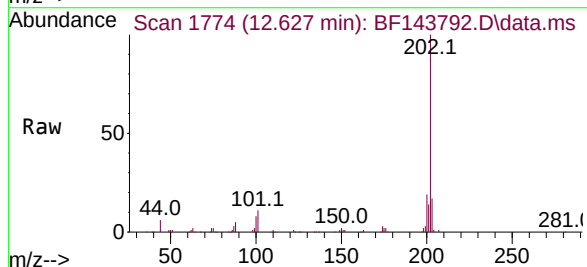
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

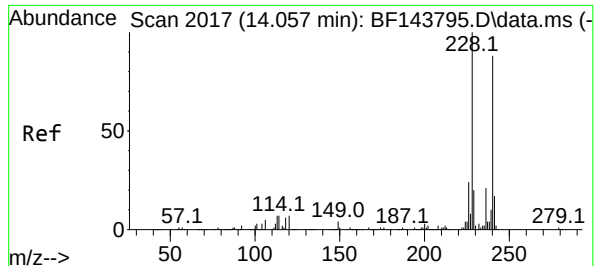
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.7	3.6	5.4



#75
Fluoranthene
Concen: 4.932 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	16.8	0.0	37.4

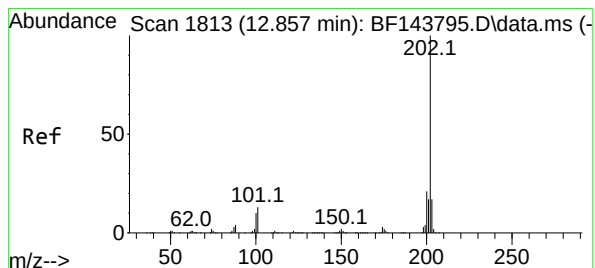
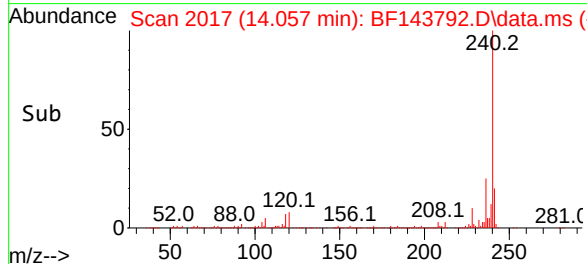
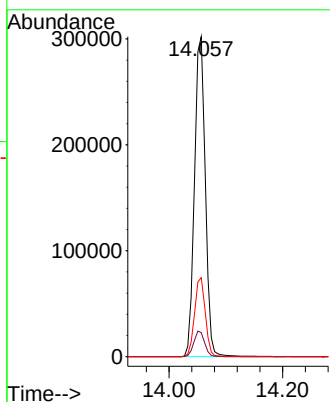
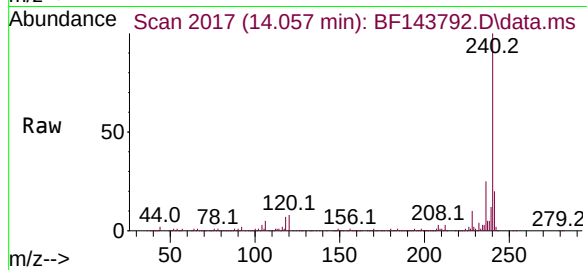




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

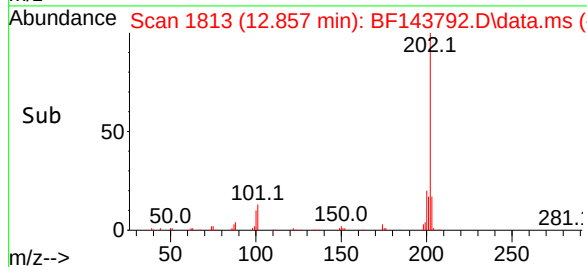
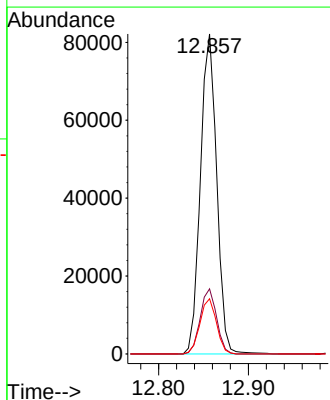
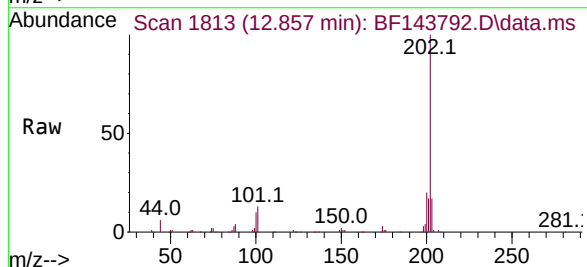
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

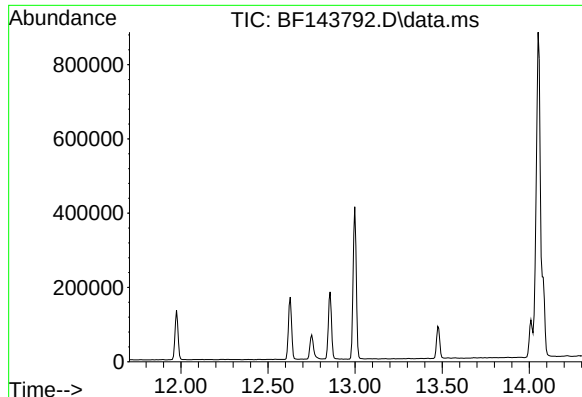
Tgt Ion:240 Resp: 398321
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.7 19.4 29.2



#78
Pyrene
Concen: 5.279 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:202 Resp: 103385
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 13.00 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

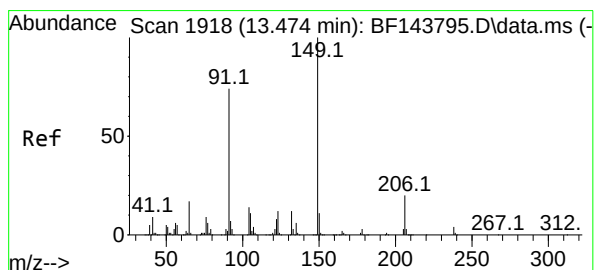
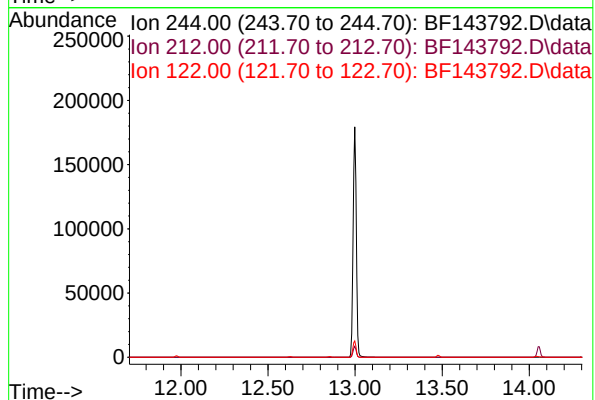
Tgt Ion: 244

Sig Exp Ratio

244 100

212 4.9

122 7.0



#80

Butylbenzylphthalate

Concen: 3.695 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

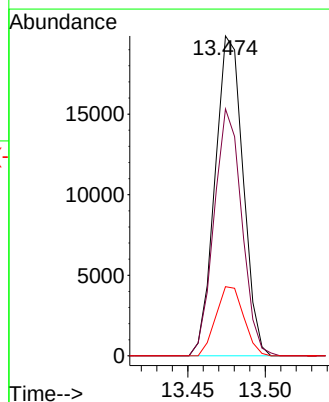
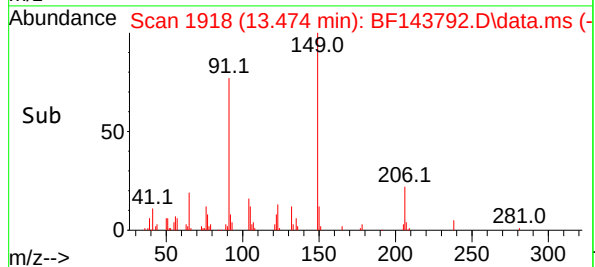
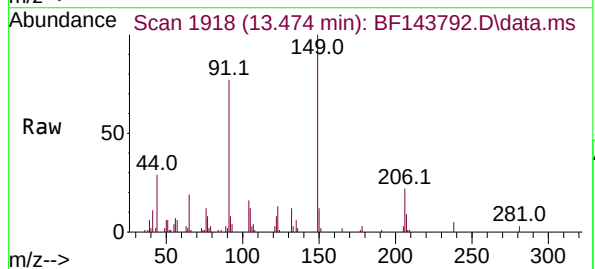
Tgt Ion:149 Resp: 25033

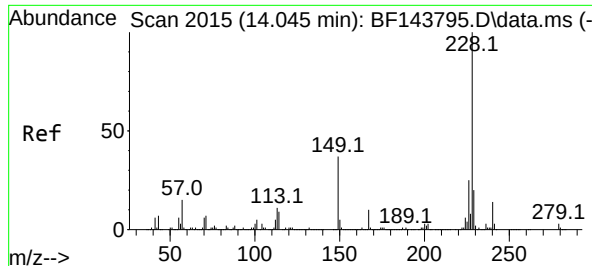
Ion Ratio Lower Upper

149 100

91 77.2 59.5 89.3

206 21.6 16.1 24.1

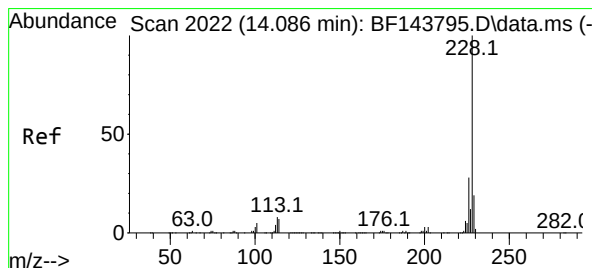
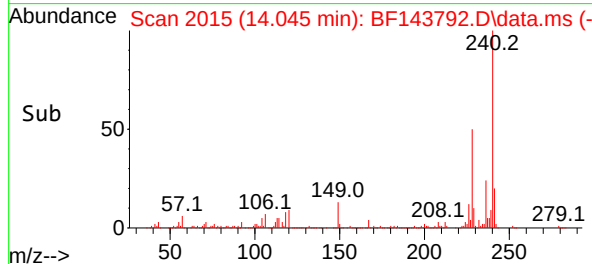
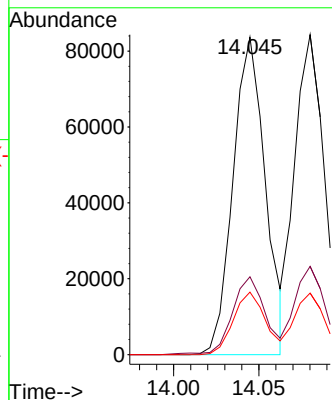
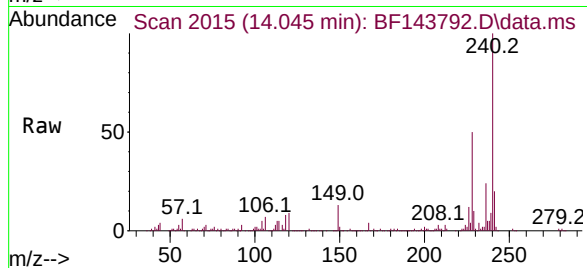




#81
Benzo(a)anthracene
Concen: 5.163 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

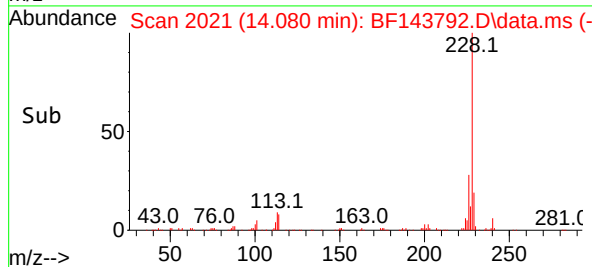
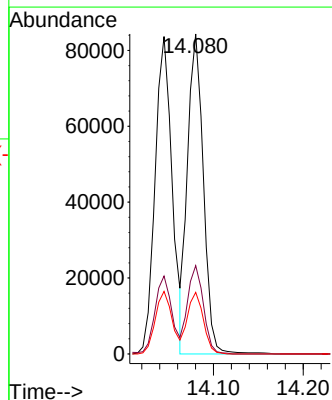
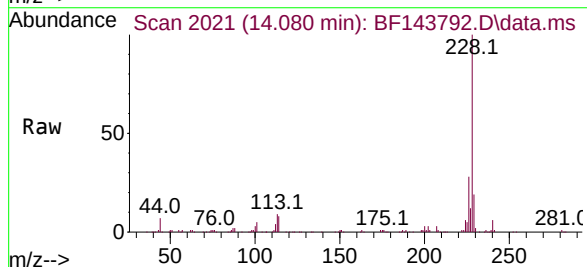
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

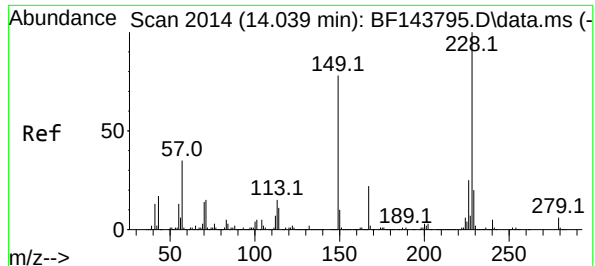
Tgt Ion:228 Resp: 110473
Ion Ratio Lower Upper
228 100
226 24.5 20.2 30.2
229 19.7 16.1 24.1



#83
Chrysene
Concen: 5.353 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:228 Resp: 103643
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.2 15.6 23.4

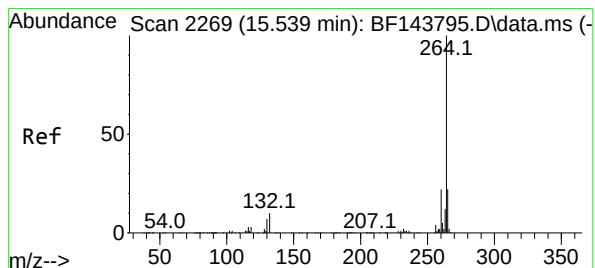
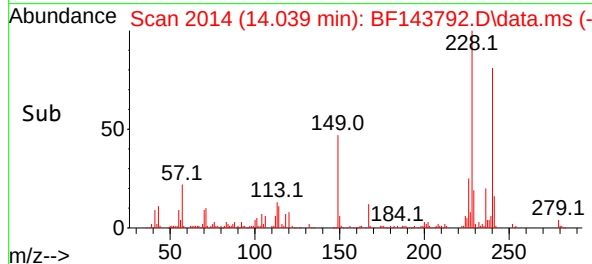
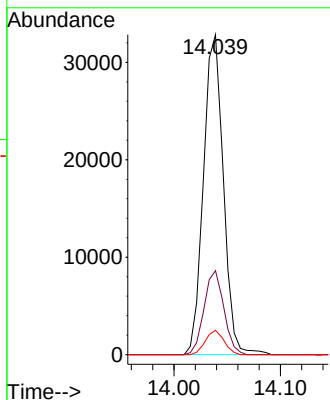
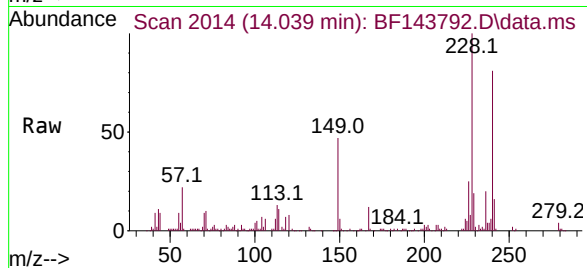




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.295 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

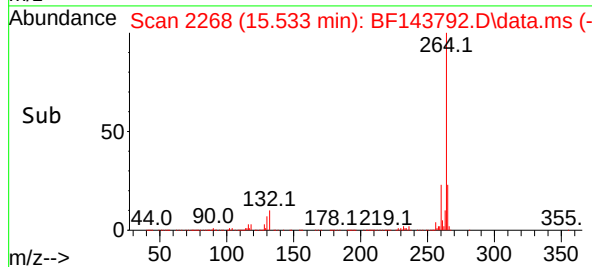
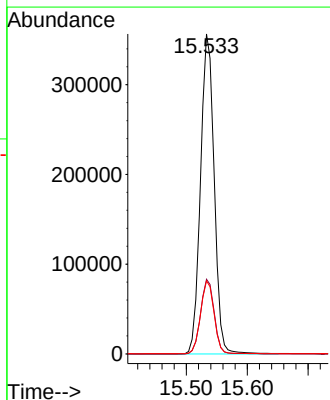
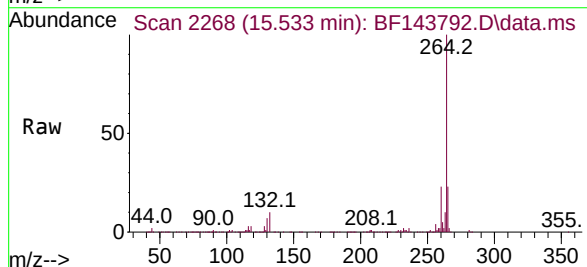
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

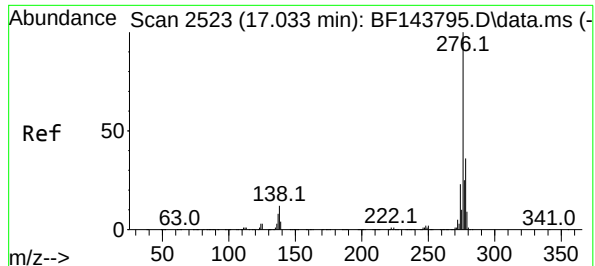
Tgt Ion:149 Resp: 42651
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.2
279 7.6 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:264 Resp: 555053
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 22.8 17.7 26.5

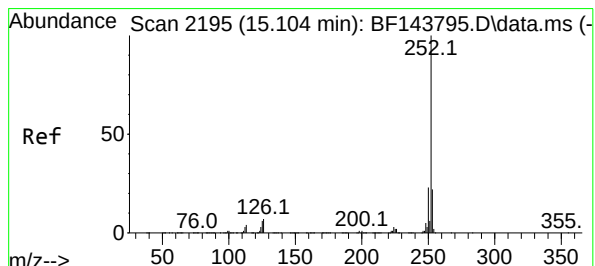
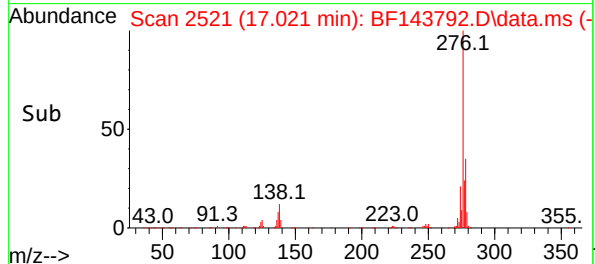
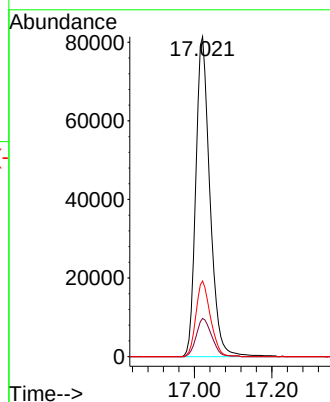
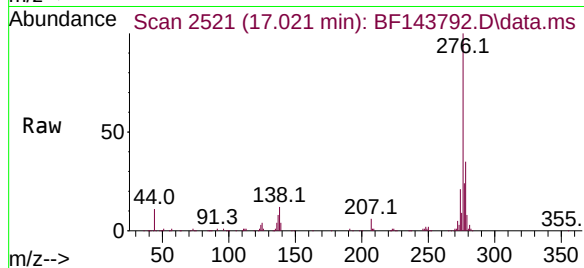




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.886 ng
RT: 17.021 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

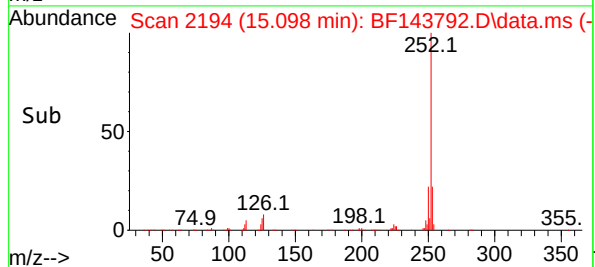
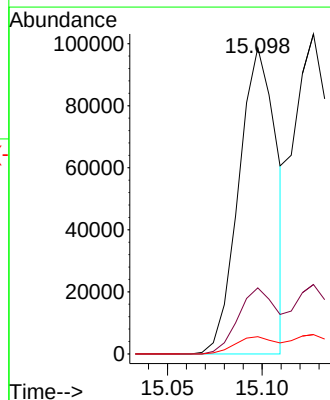
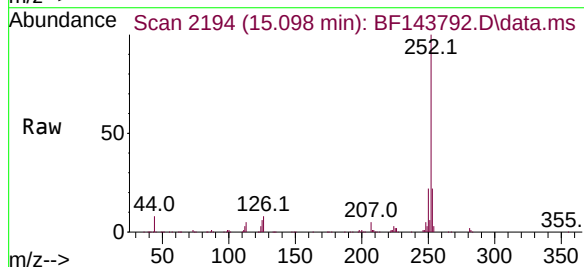
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

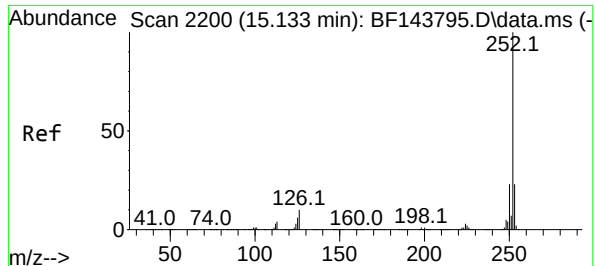
Tgt Ion:276 Resp: 205787
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 24.3 20.7 31.1



#88
Benzo(b)fluoranthene
Concen: 4.847 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:252 Resp: 137015
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 5.184 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

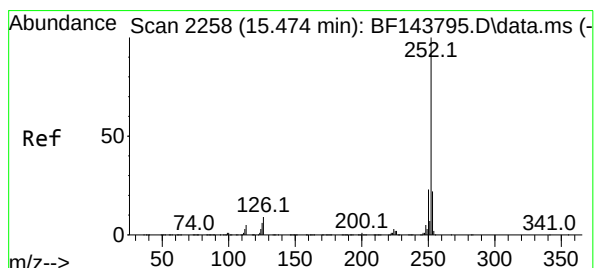
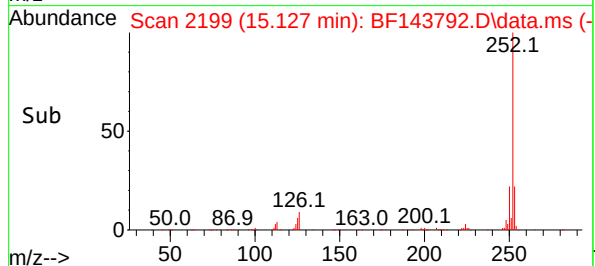
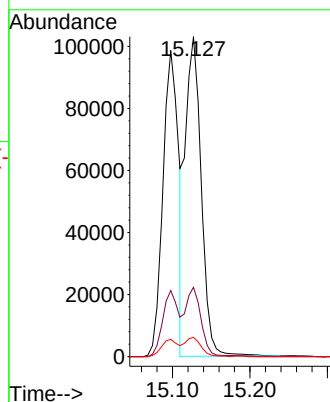
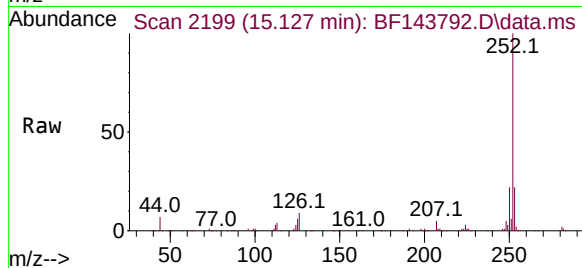
Tgt Ion:252 Resp: 147201

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 6.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 4.848 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

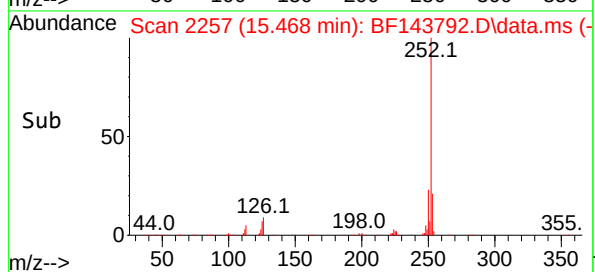
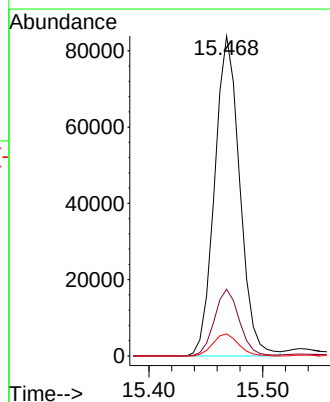
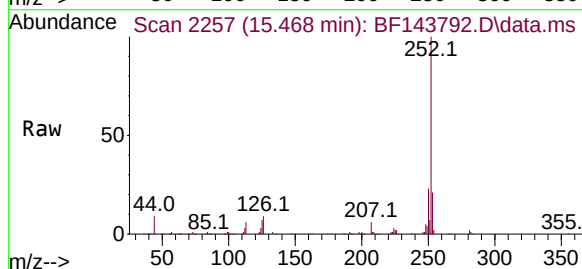
Tgt Ion:252 Resp: 128819

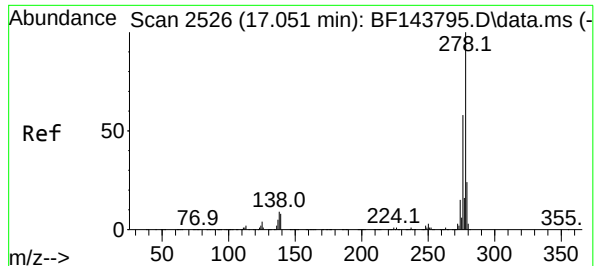
Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

125 6.9 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 4.862 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

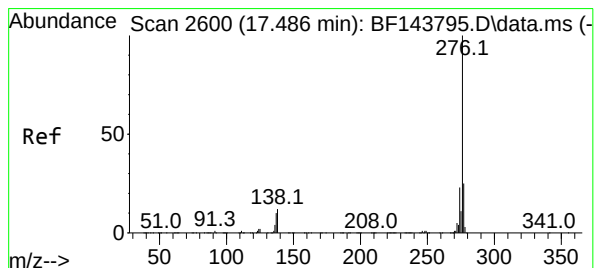
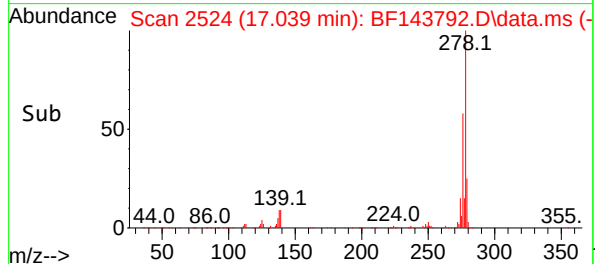
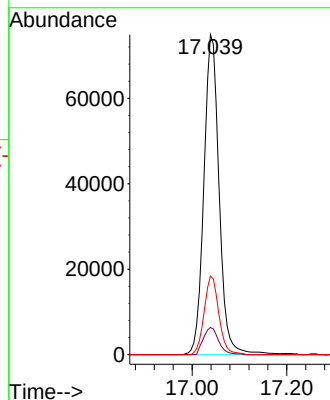
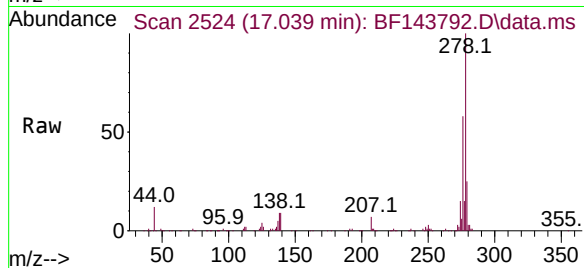
Tgt Ion:278 Resp: 167469

Ion Ratio Lower Upper

278 100

139 8.5 6.7 10.1

279 24.5 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.741 ng

RT: 17.468 min Scan# 2597

Delta R.T. -0.035 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

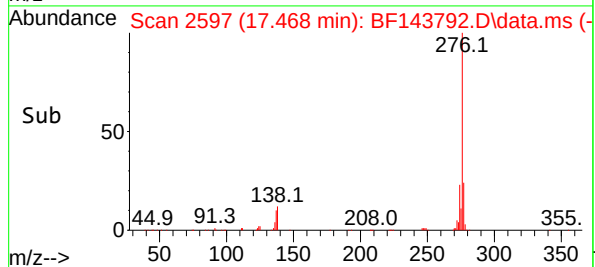
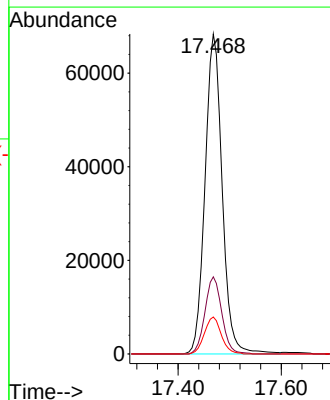
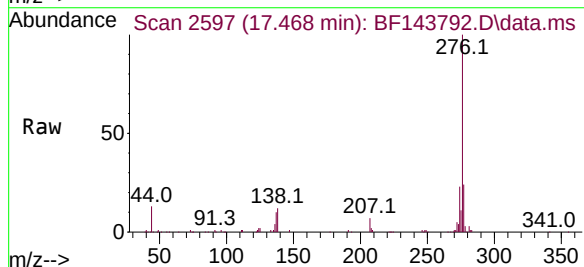
Tgt Ion:276 Resp: 157425

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 11.5 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143793.D
 Acq On : 23 Sep 2025 11:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 23 17:06:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132313	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	488285	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	239396	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375125	20.000	ng	0.00
76) Chrysene-d12	14.051	240	430577	20.000	ng	-0.01
86) Perylene-d12	15.533	264	582350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	166482	20.250	ng	-0.01
7) Phenol-d6	6.493	99	199435	20.556	ng	-0.02
23) Nitrobenzene-d5	7.440	82	150816	19.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	72517	21.225	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	353299	21.809	ng	0.00
79) Terphenyl-d14	12.998	244	449442	20.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	38037	9.758	ng	97
3) Pyridine	3.410	79	100675	9.568	ng	99
4) n-Nitrosodimethylamine	3.334	42	49199	9.325	ng	97
6) Aniline	6.545	93	140265	10.271	ng	98
8) 2-Chlorophenol	6.663	128	82971	9.952	ng	99
9) Benzaldehyde	6.434	77	70550	8.562	ng	99
10) Phenol	6.510	94	113001	10.332	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	87384	10.192	ng	97
12) 1,3-Dichlorobenzene	6.828	146	98776	10.204	ng	99
13) 1,4-Dichlorobenzene	6.904	146	99003	10.249	ng	99
14) 1,2-Dichlorobenzene	7.057	146	93067	10.172	ng	99
15) Benzyl Alcohol	7.016	79	67639	9.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	207456	10.204	ng	99
17) 2-Methylphenol	7.122	107	65621	10.167	ng	99
18) Hexachloroethane	7.398	117	33843	9.962	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	61660	10.190	ng	99
20) 3+4-Methylphenols	7.275	107	84574	10.760	ng	96
22) Acetophenone	7.287	105	113726	10.604	ng	99
24) Nitrobenzene	7.463	77	86488	9.782	ng	98
25) Isophorone	7.698	82	155268	9.989	ng	99
26) 2-Nitrophenol	7.781	139	25281	9.284	ng	99
27) 2,4-Dimethylphenol	7.810	122	68320	9.833	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	104902	10.387	ng	99
29) 2,4-Dichlorophenol	8.016	162	69731	10.200	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	70340	9.914	ng	97
31) Naphthalene	8.187	128	249230	10.662	ng	99
32) Benzoic acid	7.875	122	30248	9.023	ng	97
33) 4-Chloroaniline	8.234	127	84740	10.316	ng	99
34) Hexachlorobutadiene	8.310	225	53434	10.103	ng	98
35) Caprolactam	8.563	113	16062	9.192	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	63361	9.882	ng	97
37) 2-Methylnaphthalene	8.881	142	158654	10.644	ng	99
38) 1-Methylnaphthalene	8.981	142	150831	10.572	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	75923	10.509	ng	100
41) Hexachlorocyclopentadiene	9.034	237	40258	8.792	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	42859	9.474	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143793.D
 Acq On : 23 Sep 2025 11:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

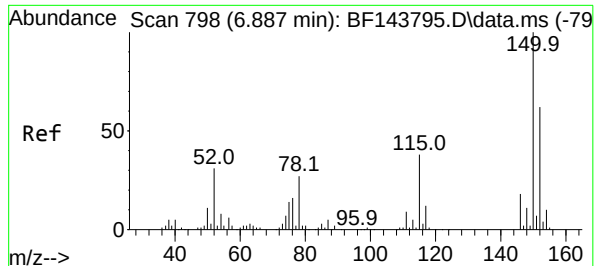
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	46791	9.889	ng	98
46) 1,1'-Biphenyl	9.345	154	184443	10.644	ng	98
47) 2-Chloronaphthalene	9.369	162	146409	10.496	ng	100
48) 2-Nitroaniline	9.457	65	36451	8.646	ng	93
49) Acenaphthylene	9.781	152	198522	10.338	ng	100
50) Dimethylphthalate	9.633	163	147631	10.118	ng	100
51) 2,6-Dinitrotoluene	9.698	165	19239	8.025	ng	90
52) Acenaphthene	9.957	154	134197	10.619	ng	99
53) 3-Nitroaniline	9.869	138	25136	8.650	ng	# 96
54) 2,4-Dinitrophenol	9.969	184	6231	11.233	ng	# 1
55) Dibenzofuran	10.128	168	185710	10.393	ng	100
56) 4-Nitrophenol	10.016	139	23569	10.065	ng	98
57) 2,4-Dinitrotoluene	10.098	165	25096	9.543	ng	94
58) Fluorene	10.469	166	144778	10.898	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36970	9.120	ng	100
60) Diethylphthalate	10.339	149	140054	10.254	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	70883	10.472	ng	99
62) 4-Nitroaniline	10.475	138	24435	8.943	ng	98
63) Azobenzene	10.622	77	146130	10.152	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	8417	10.867	ng	98
66) n-Nitrosodiphenylamine	10.580	169	126584	10.261	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	62547	9.784	ng	99
68) Hexachlorobenzene	11.016	284	88177	10.009	ng	98
69) Atrazine	11.104	200	35762	10.010	ng	97
70) Pentachlorophenol	11.210	266	33783	7.704	ng	98
71) Phenanthrene	11.433	178	200025	10.386	ng	99
72) Anthracene	11.486	178	200505	10.379	ng	97
73) Carbazole	11.639	167	174601	10.337	ng	98
74) Di-n-butylphthalate	11.975	149	189120	9.736	ng	99
75) Fluoranthene	12.627	202	196207	10.129	ng	100
77) Benzidine	12.751	184	94401	8.997	ng	99
78) Pyrene	12.857	202	211336	9.983	ng	99
80) Butylbenzylphthalate	13.474	149	64090	8.751	ng	99
81) Benzo(a)anthracene	14.045	228	232722	10.061	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	91789	9.160	ng	99
83) Chrysene	14.080	228	212098	10.133	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	102600	9.557	ng	98
85) Di-n-octyl phthalate	14.651	149	165178	8.482	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	415337	9.400	ng	99
88) Benzo(b)fluoranthene	15.098	252	292308	9.857	ng	99
89) Benzo(k)fluoranthene	15.127	252	292238	9.808	ng	99
90) Benzo(a)pyrene	15.468	252	267775	9.606	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	345636	9.564	ng	98
92) Benzo(g,h,i)perylene	17.468	276	324982	9.329	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

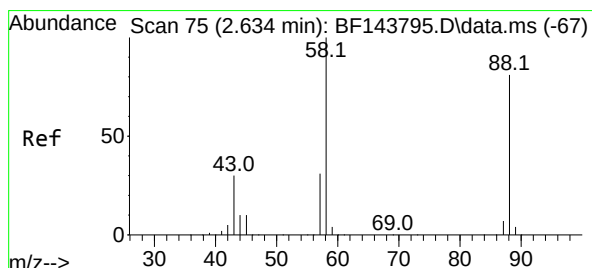
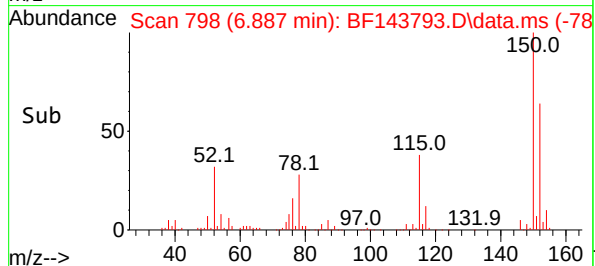
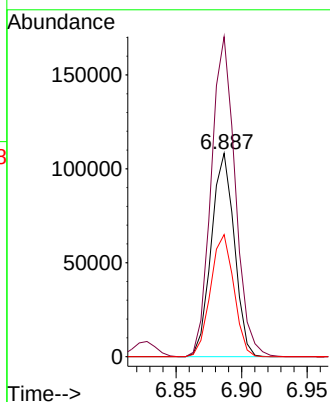
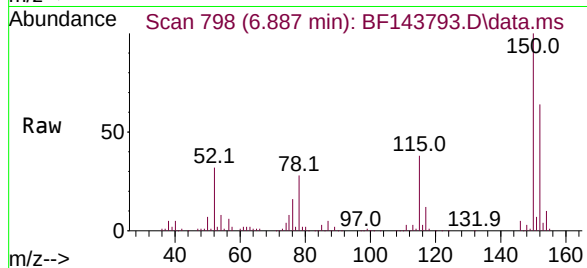
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

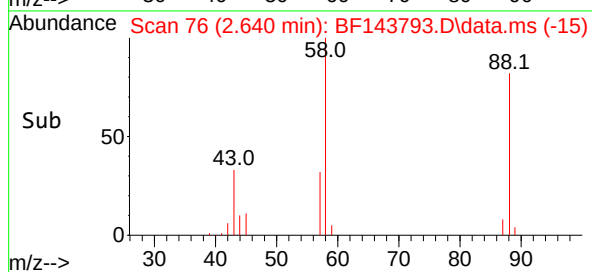
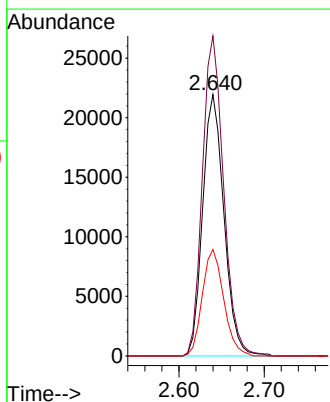
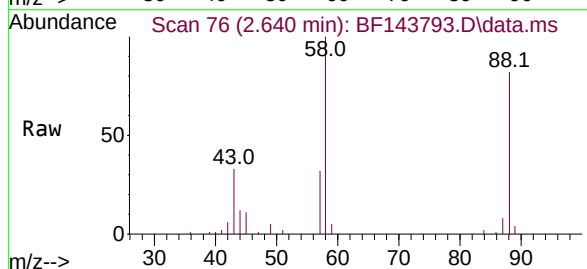
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

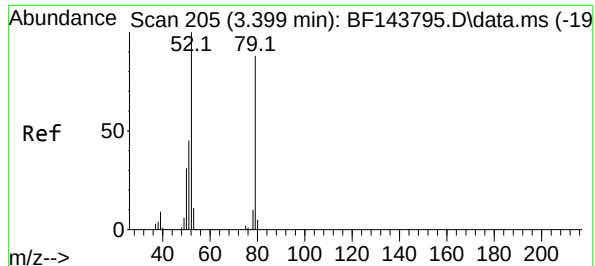
Tgt Ion:152 Resp: 132313
Ion Ratio Lower Upper
152 100
150 157.4 129.6 194.4
115 60.0 49.0 73.4



#2
1,4-Dioxane
Concen: 9.758 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 88 Resp: 38037
Ion Ratio Lower Upper
88 100
58 121.6 99.4 149.2
43 40.9 30.6 45.8





#3

Pyridine

Concen: 9.568 ng

RT: 3.410 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

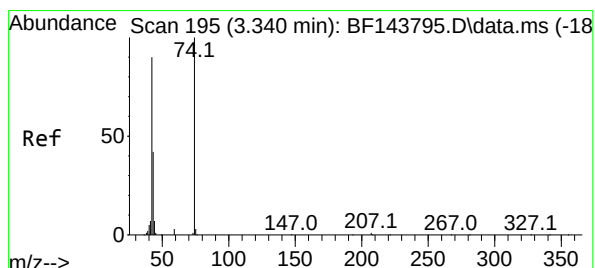
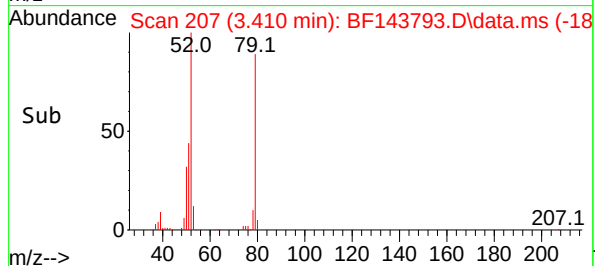
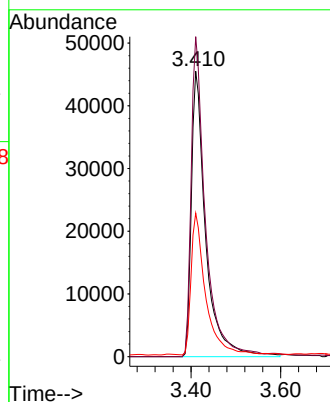
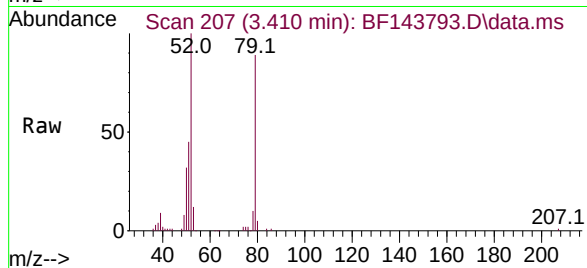
Tgt Ion: 79 Resp: 100675

Ion Ratio Lower Upper

79 100

52 112.2 90.5 135.7

51 50.3 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 9.325 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.023 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

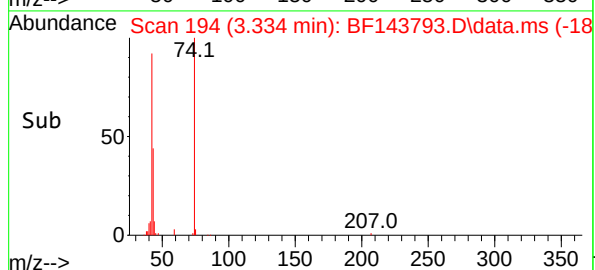
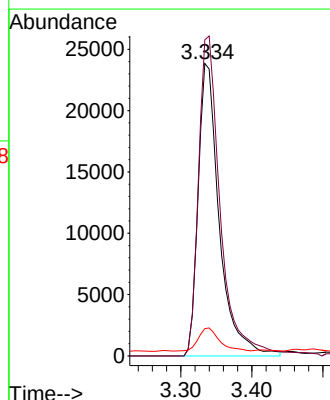
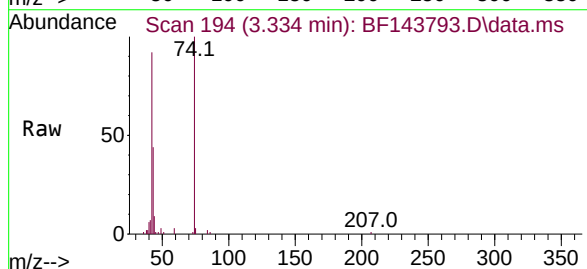
Tgt Ion: 42 Resp: 49199

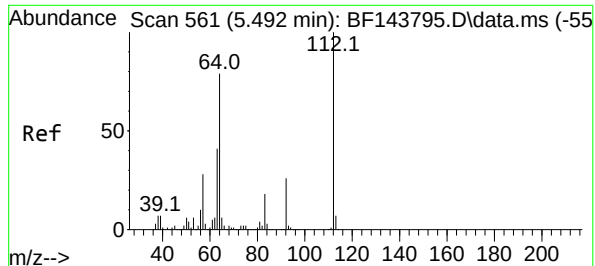
Ion Ratio Lower Upper

42 100

74 108.1 89.1 133.7

44 9.3 6.4 9.6

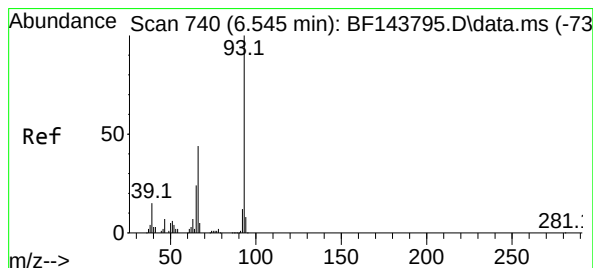
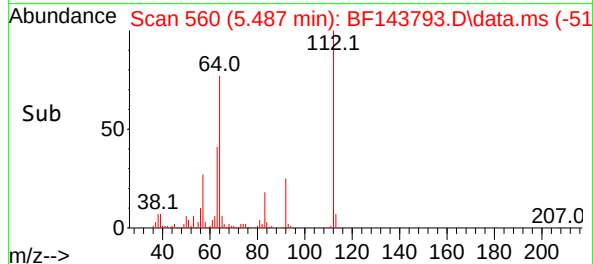
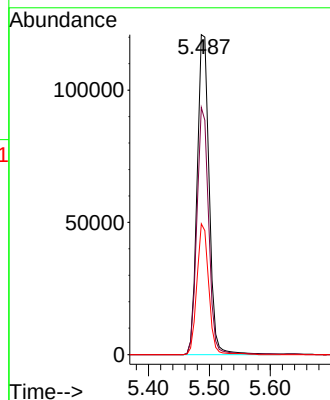
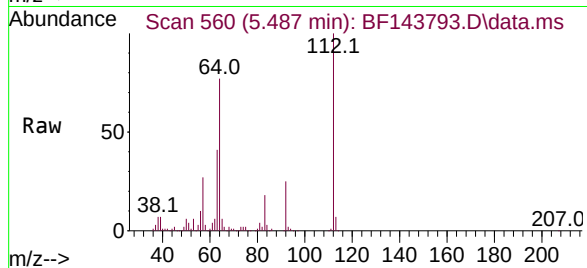




#5
2-Fluorophenol
Concen: 20.250 ng
RT: 5.487 min Scan# 561
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

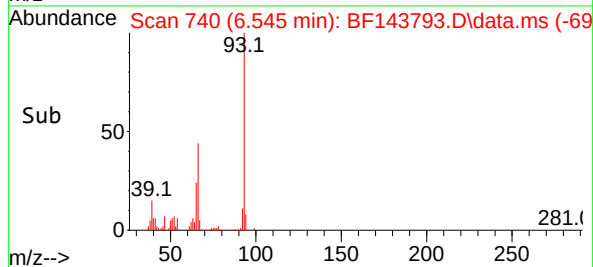
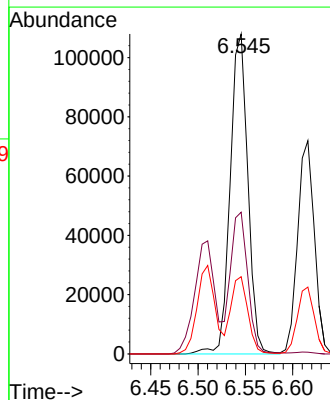
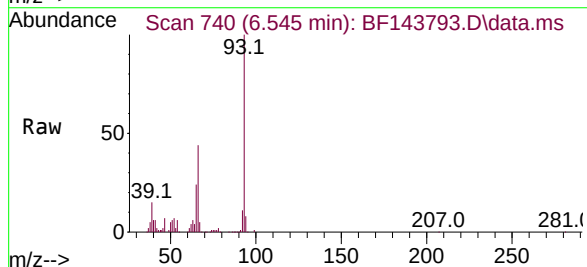
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

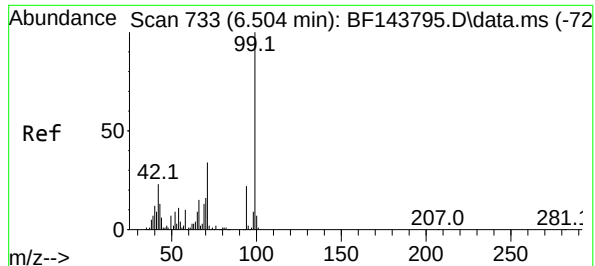
Tgt Ion:112 Resp: 166482
Ion Ratio Lower Upper
112 100
64 77.2 63.0 94.4
63 40.9 32.6 49.0



#6
Aniline
Concen: 10.271 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 93 Resp: 140265
Ion Ratio Lower Upper
93 100
66 44.3 37.1 55.7
65 24.1 19.4 29.0

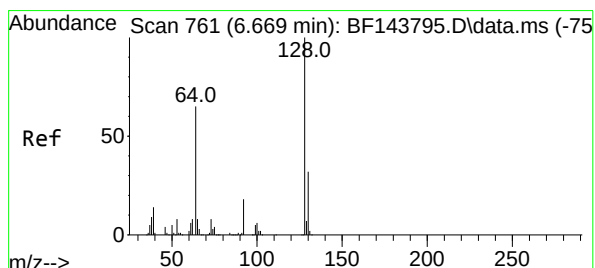
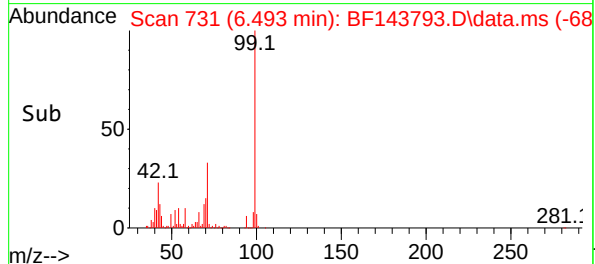
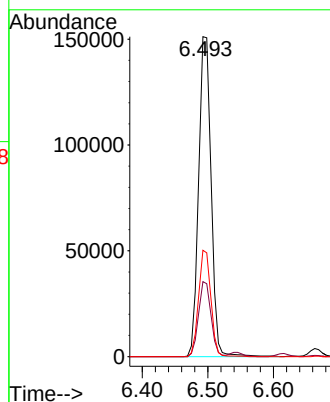
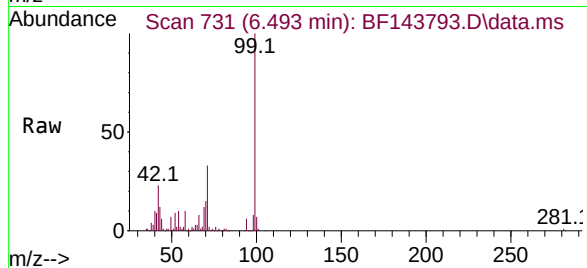




#7
Phenol-d6
Concen: 20.556 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

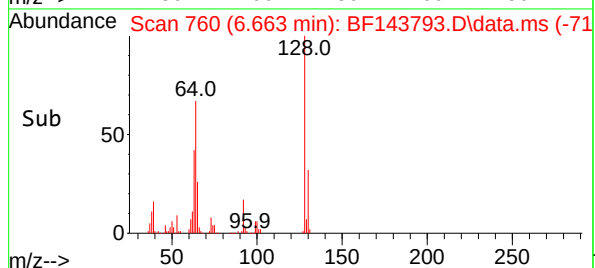
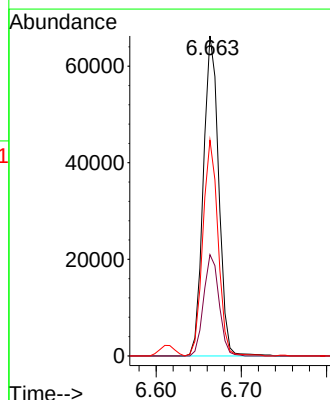
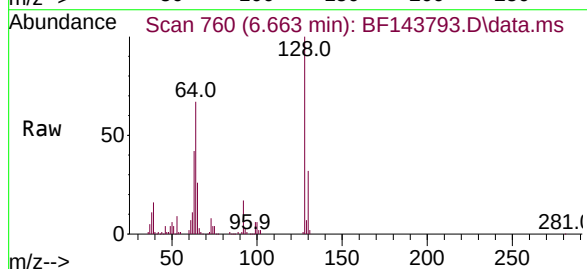
Instrument :
BNA_F
ClientSampleId :
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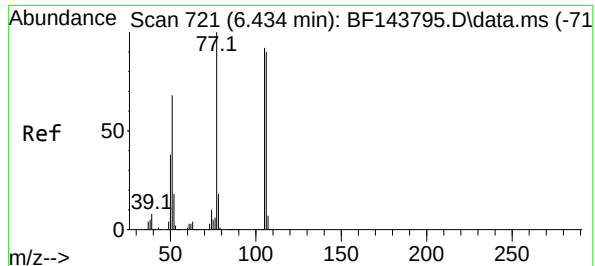
Tgt Ion: 99 Resp: 199435
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 33.2 27.0 40.4



#8
2-Chlorophenol
Concen: 9.952 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 128 Resp: 82971
Ion Ratio Lower Upper
128 100
130 31.7 12.2 52.2
64 67.4 46.5 86.5





#9

Benzaldehyde

Concen: 8.562 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

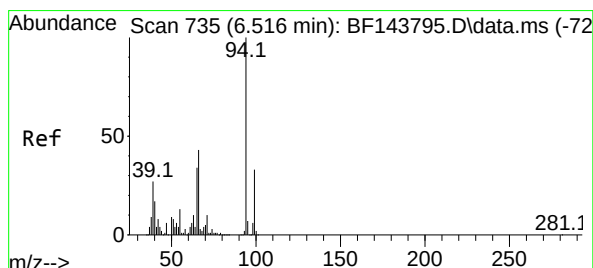
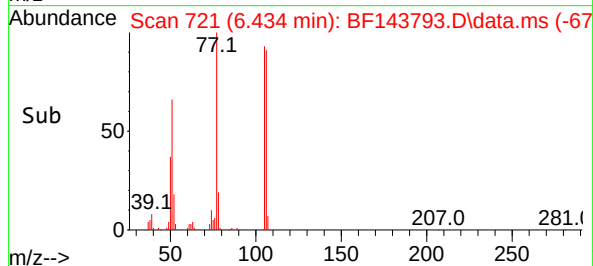
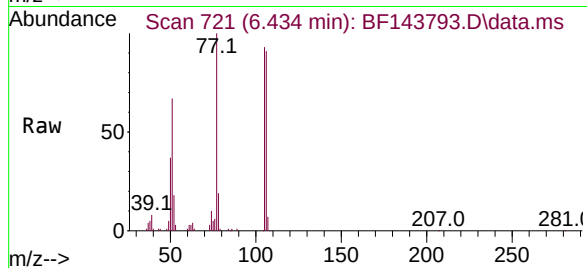
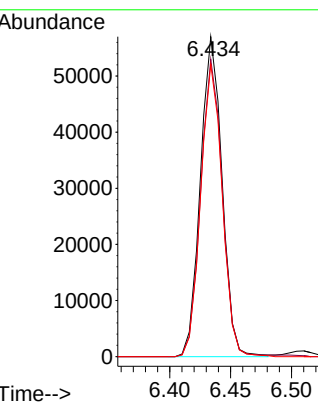
BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 77 Resp: 70550

Ion	Ratio	Lower	Upper
77	100		
105	92.9	71.8	111.8
106	91.3	69.8	109.8



#10

Phenol

Concen: 10.332 ng

RT: 6.510 min Scan# 734

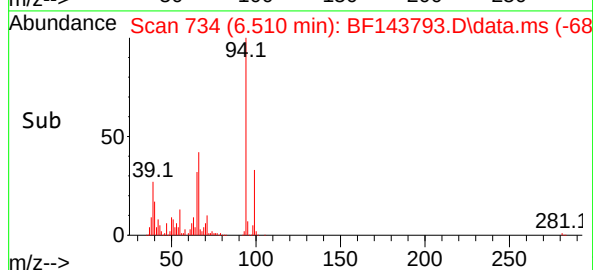
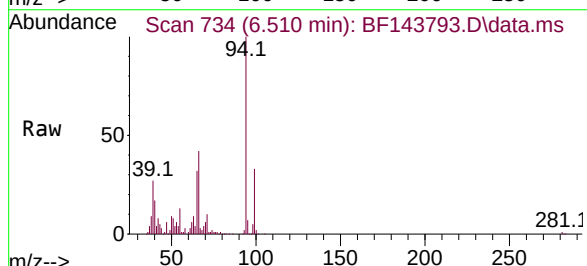
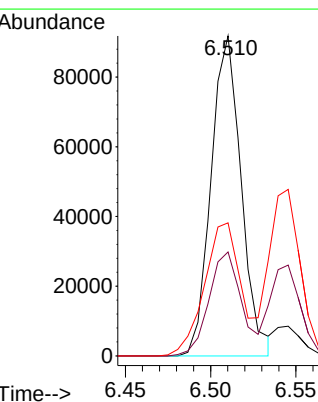
Delta R.T. -0.018 min

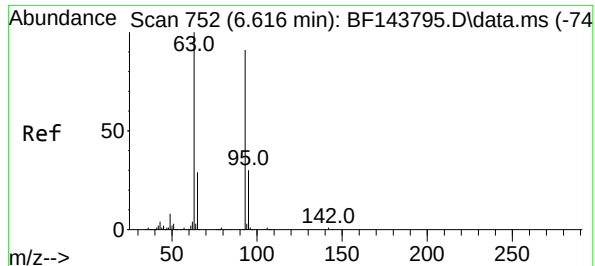
Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion: 94 Resp: 113001

Ion	Ratio	Lower	Upper
94	100		
65	32.5	14.2	54.2
66	41.6	24.1	64.1

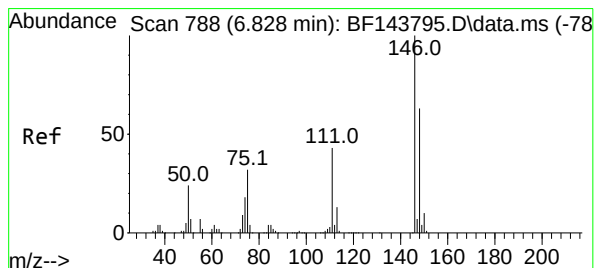
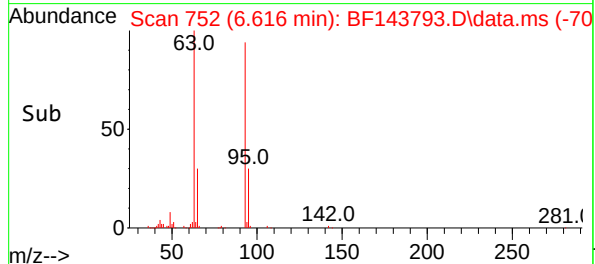
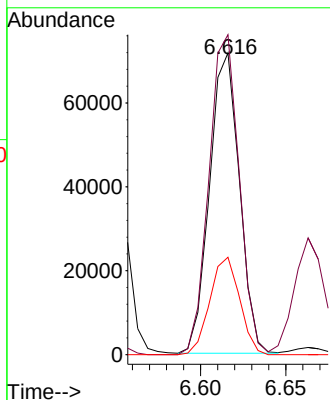
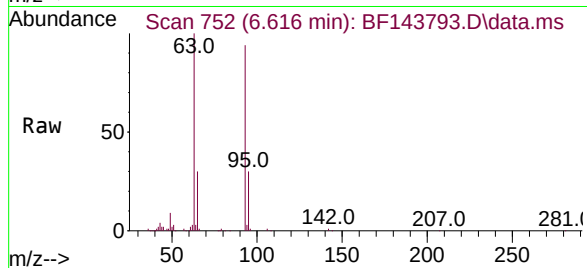




#11
bis(2-Chloroethyl)ether
Concen: 10.192 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

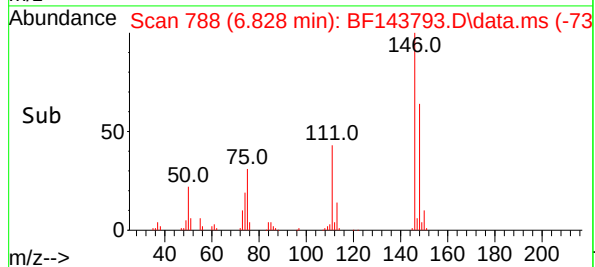
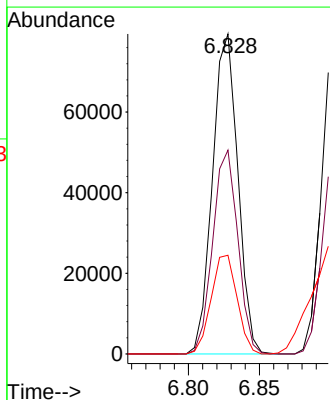
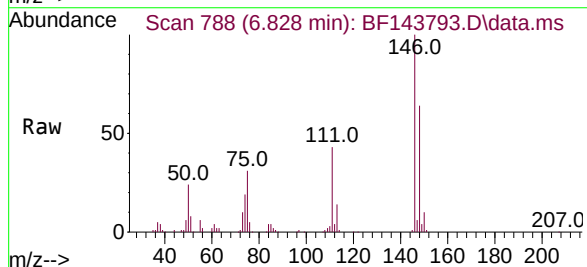
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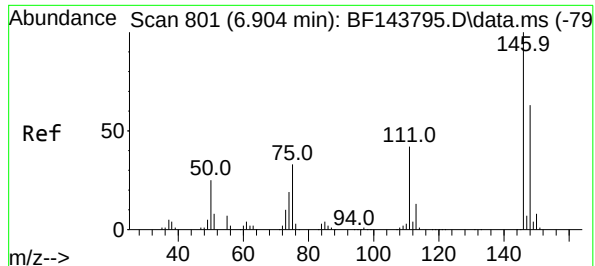
Tgt Ion: 93 Resp: 87384
Ion Ratio Lower Upper
93 100
63 106.1 89.2 129.2
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 10.204 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 146 Resp: 98776
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
75 30.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 10.249 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

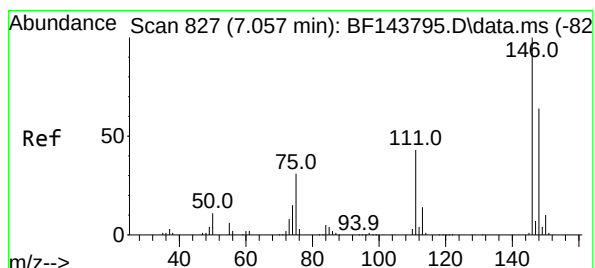
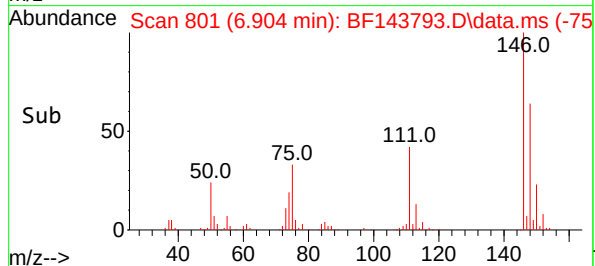
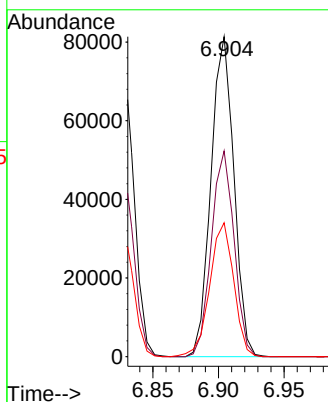
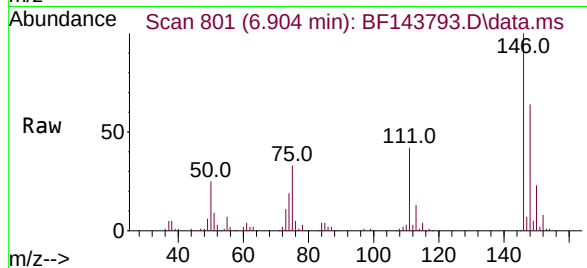
Tgt Ion:146 Resp: 99003

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 41.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 10.172 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

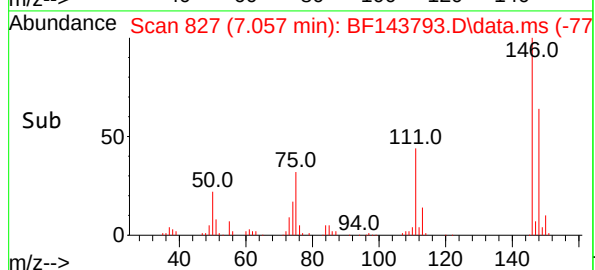
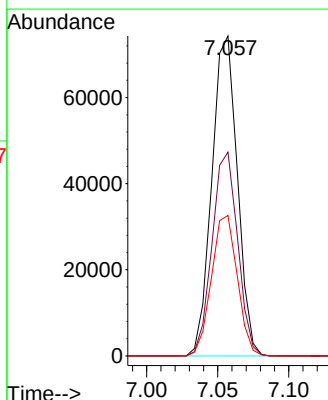
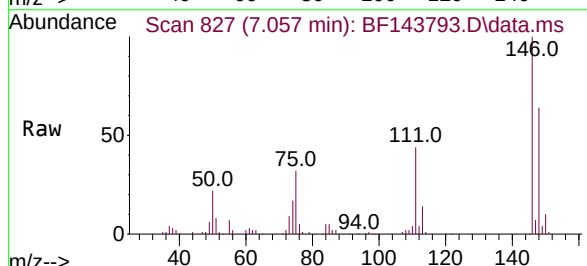
Tgt Ion:146 Resp: 93067

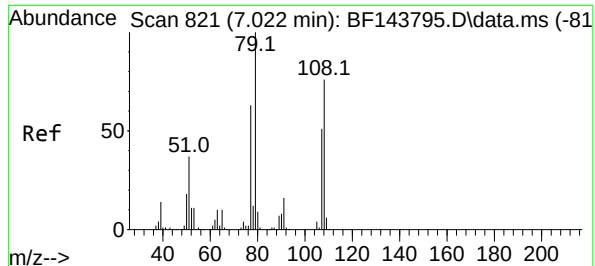
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 43.9 34.3 51.5

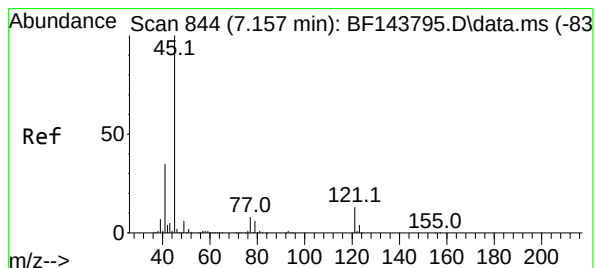
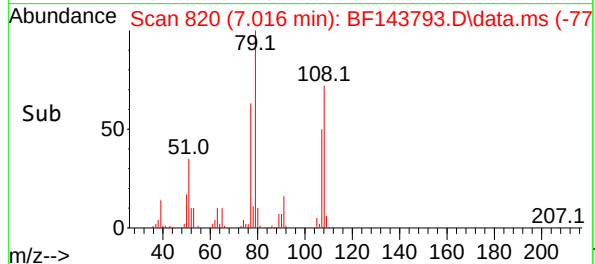
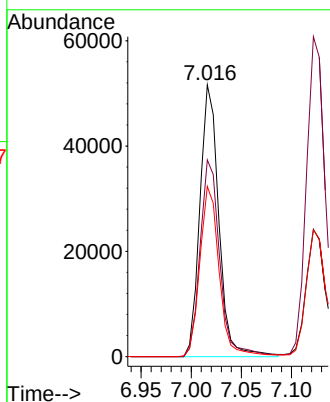
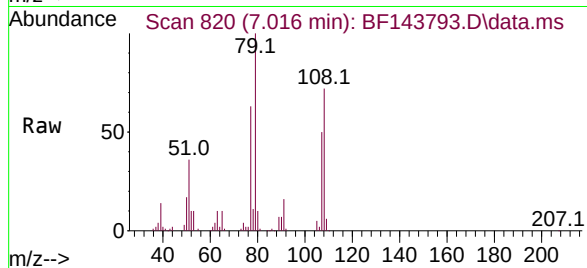




#15
Benzyl Alcohol
Concen: 9.948 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

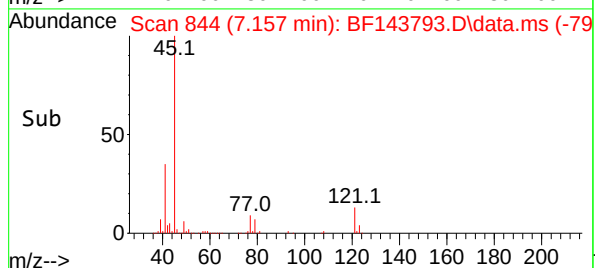
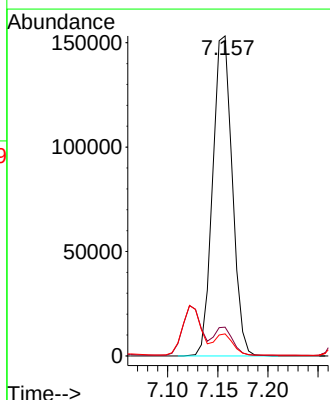
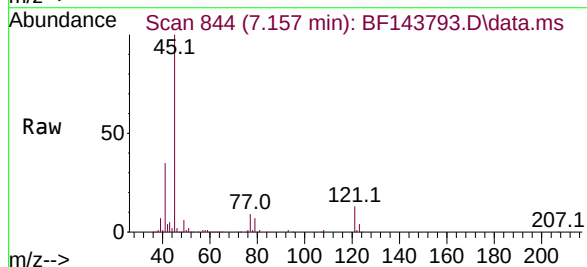
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

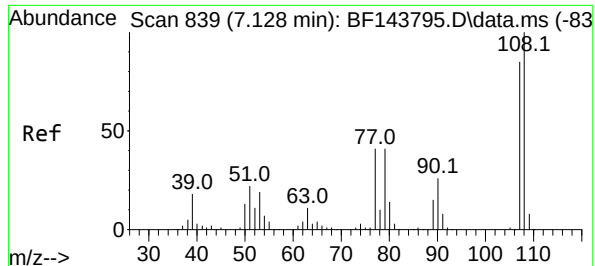
Tgt Ion: 79 Resp: 67639
Ion Ratio Lower Upper
79 100
108 72.4 60.5 90.7
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.204 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 45 Resp: 207456
Ion Ratio Lower Upper
45 100
77 9.0 0.0 28.5
79 6.9 0.0 26.3

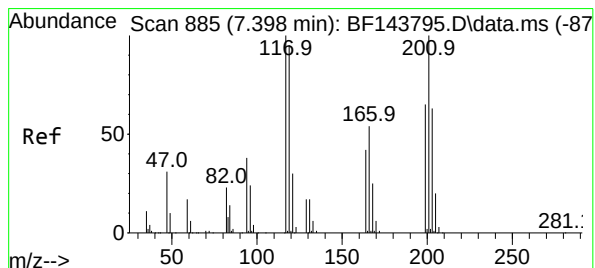
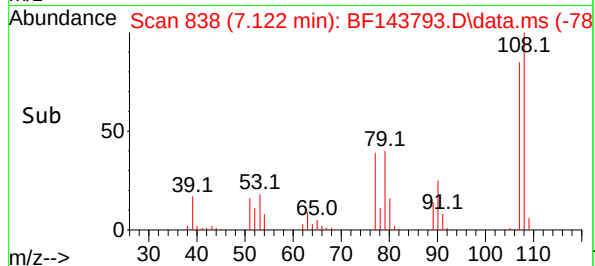
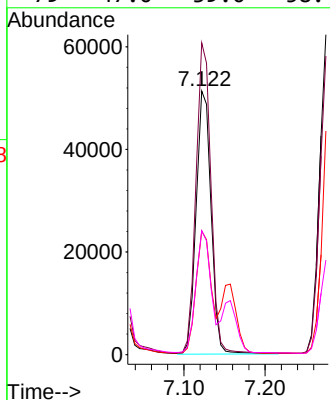
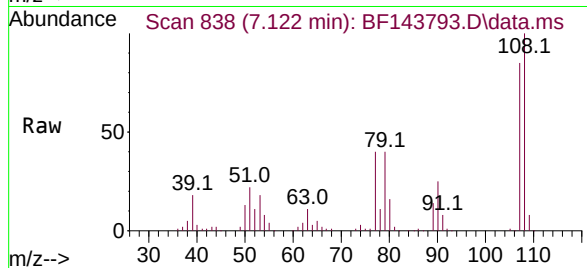




#17
2-Methylphenol
Concen: 10.167 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

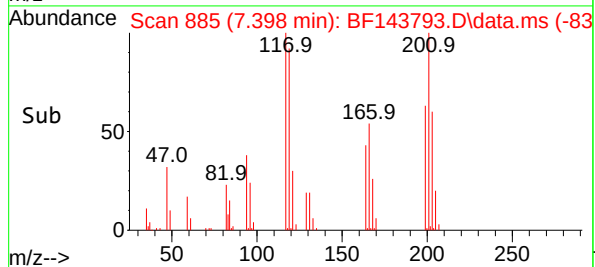
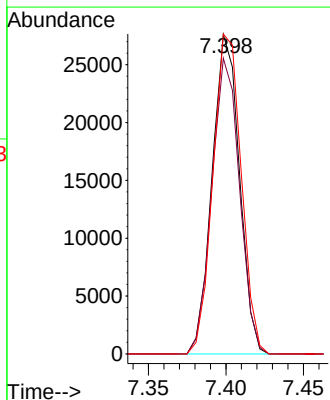
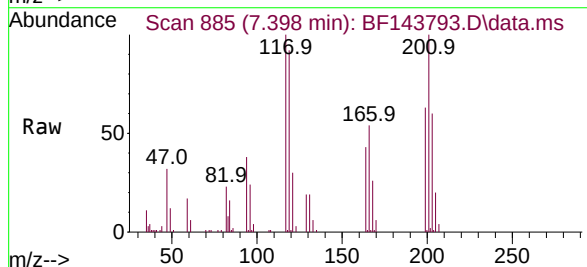
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

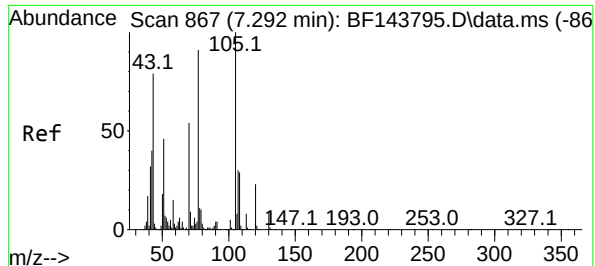
Tgt Ion:107 Resp: 65621
Ion Ratio Lower Upper
107 100
108 118.3 94.2 141.4
77 46.9 38.6 58.0
79 47.0 39.0 58.4



#18
Hexachloroethane
Concen: 9.962 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:117 Resp: 33843
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.2
201 100.2 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 10.190 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 61660

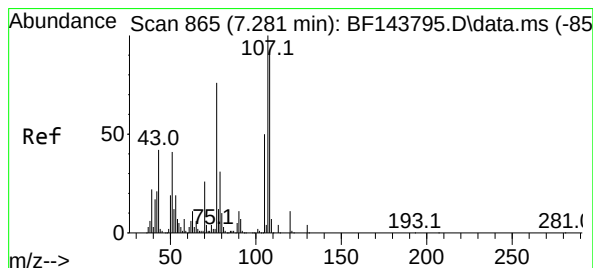
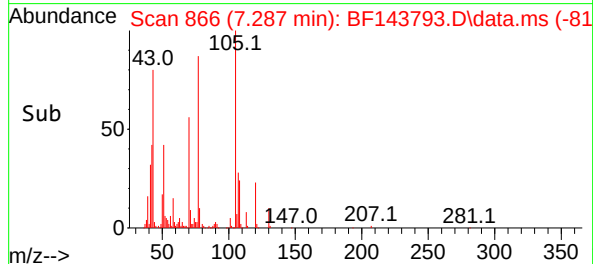
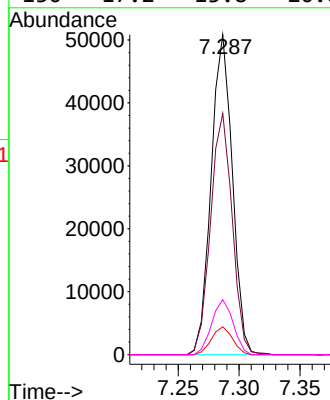
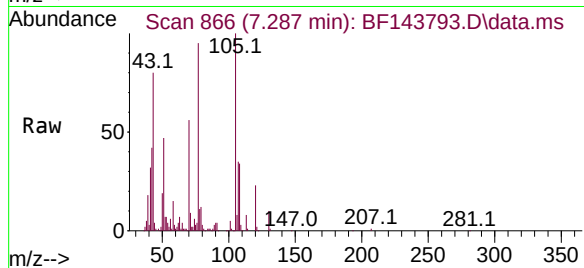
Ion Ratio Lower Upper

70 100

42 75.4 59.4 89.0

101 8.7 7.1 10.7

130 17.2 13.8 20.8



#20

3+4-Methylphenols

Concen: 10.760 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion: 107 Resp: 84574

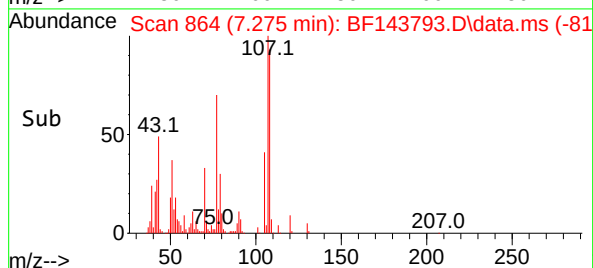
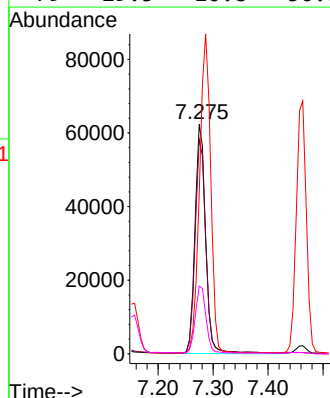
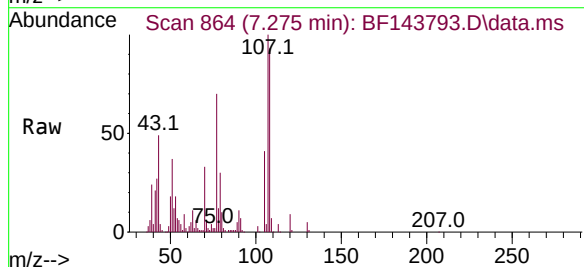
Ion Ratio Lower Upper

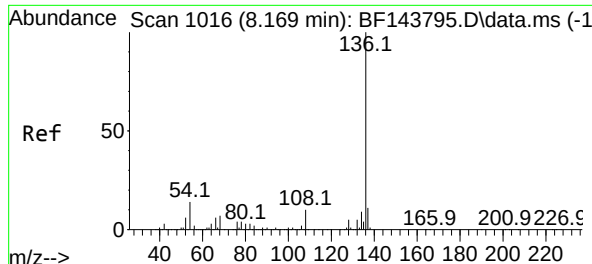
107 100

108 93.3 72.5 112.5

77 69.9 56.2 96.2

79 29.5 10.8 50.8

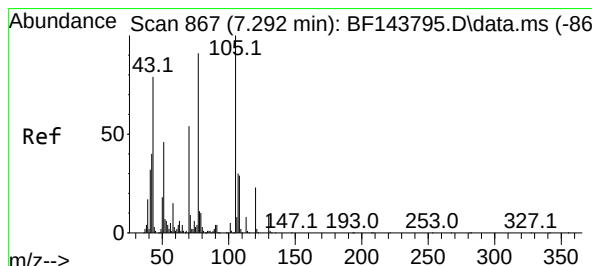
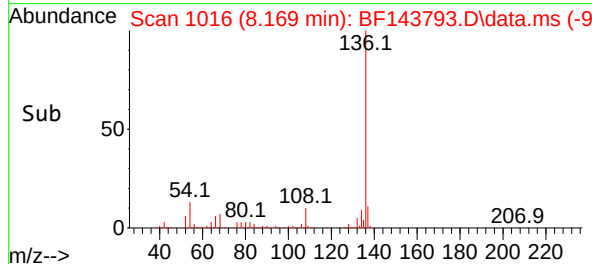
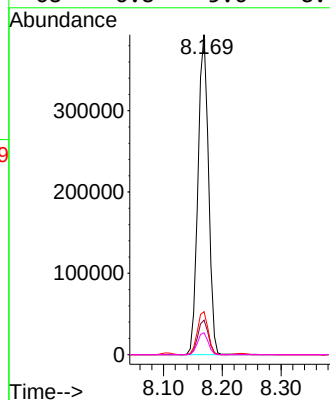
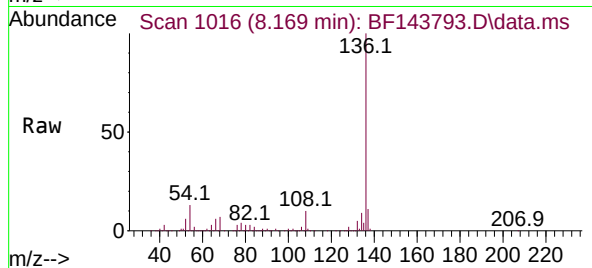




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

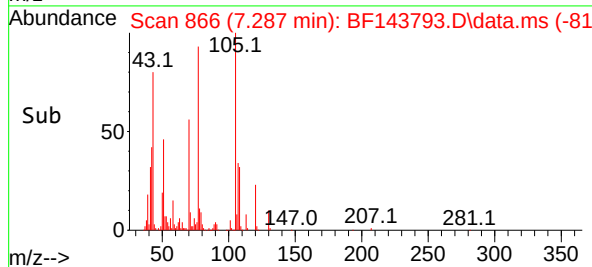
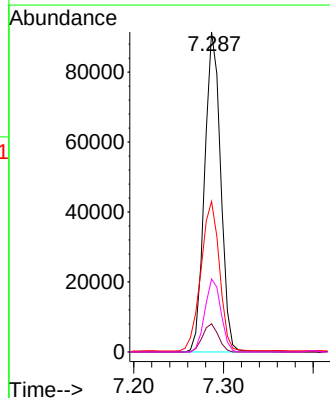
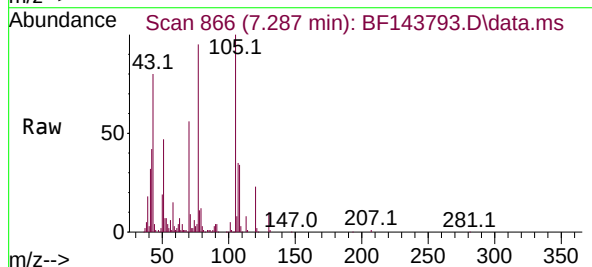
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

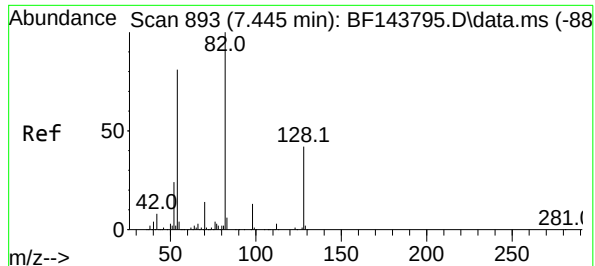
Tgt Ion:136 Resp: 488285
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 13.4 11.2 16.8
68 6.8 5.6 8.4



#22
Acetophenone
Concen: 10.604 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:105 Resp: 113726
Ion Ratio Lower Upper
105 100
71 8.8 7.0 10.4
51 47.0 36.6 55.0
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 19.438 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

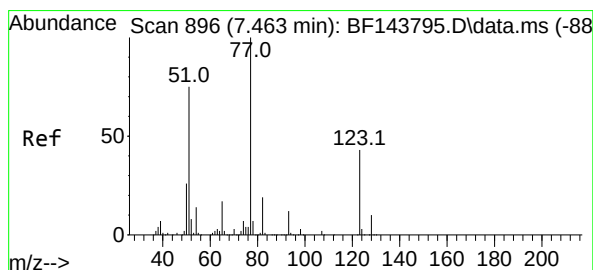
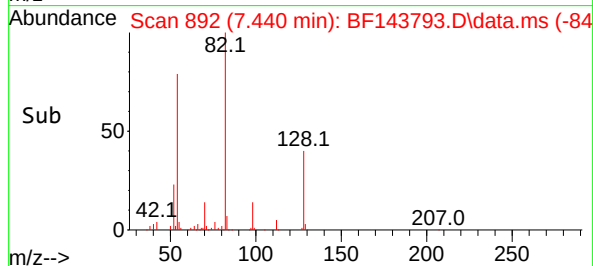
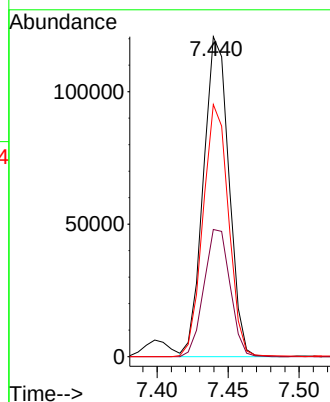
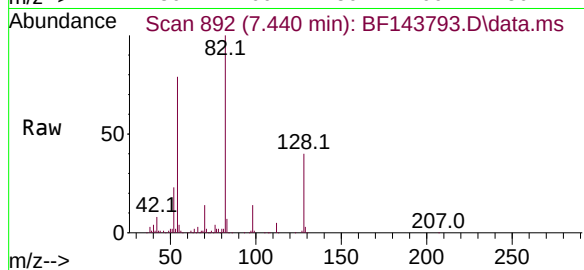
Tgt Ion: 82 Resp: 150816

Ion Ratio Lower Upper

82 100

128 39.7 33.3 49.9

54 78.8 64.2 96.4



#24

Nitrobenzene

Concen: 9.782 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

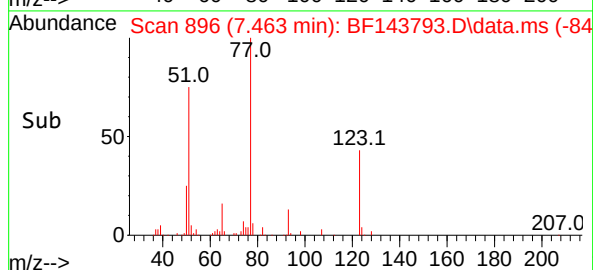
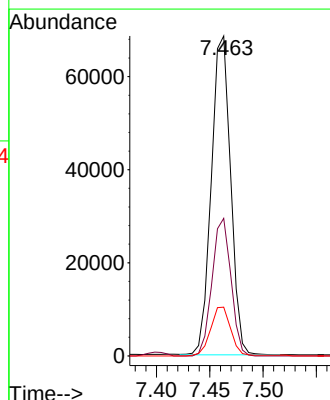
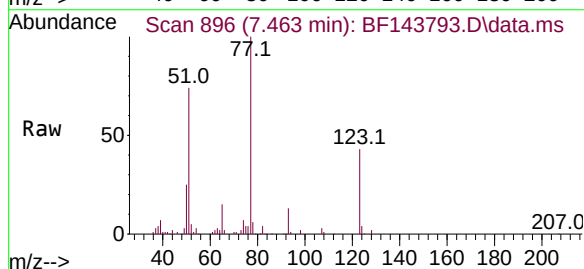
Tgt Ion: 77 Resp: 86488

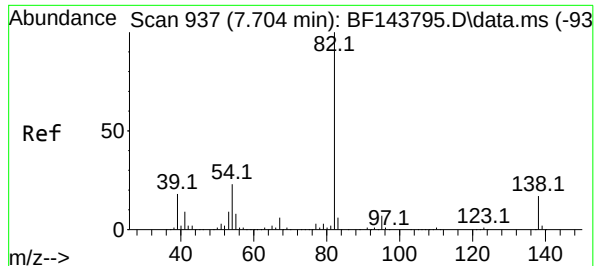
Ion Ratio Lower Upper

77 100

123 43.0 34.0 51.0

65 15.2 13.5 20.3

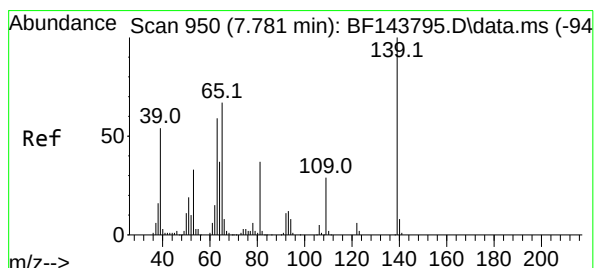
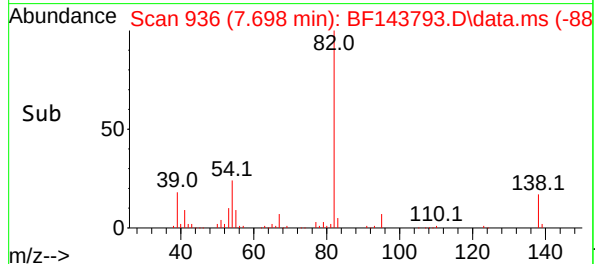
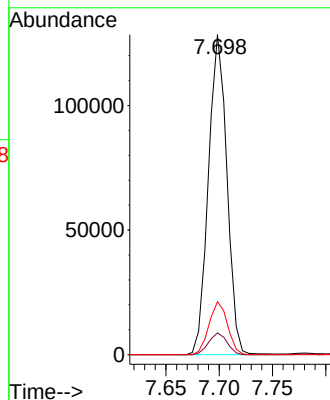
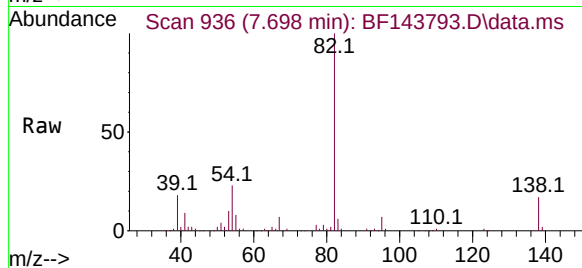




#25
Isophorone
Concen: 9.989 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

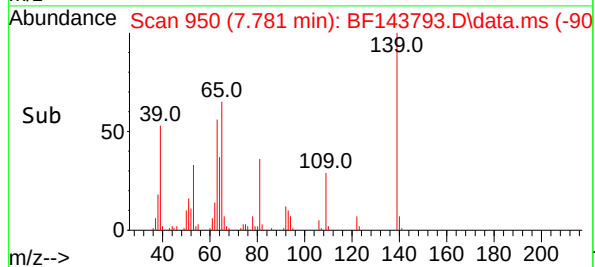
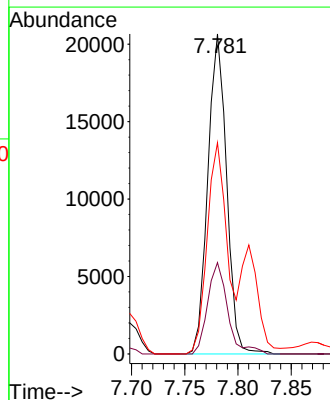
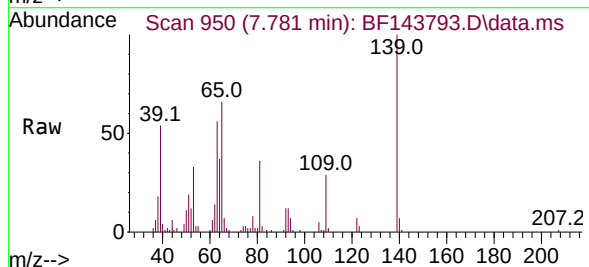
Instrument :
BNA_F
Client SampleId :
SSTDICC010

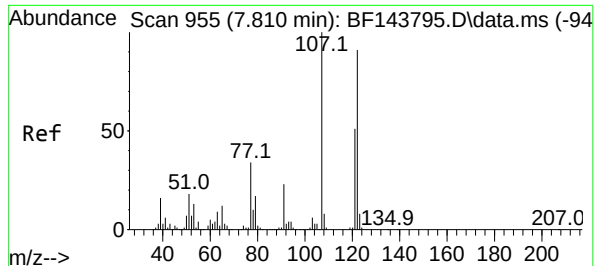
Tgt Ion:	82	Resp:	155268
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	16.5	13.7	20.5



#26
2-Nitrophenol
Concen: 9.284 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:	139	Resp:	25281
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.3	34.9
65	66.0	53.8	80.6

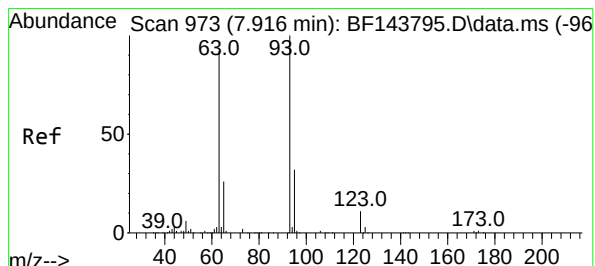
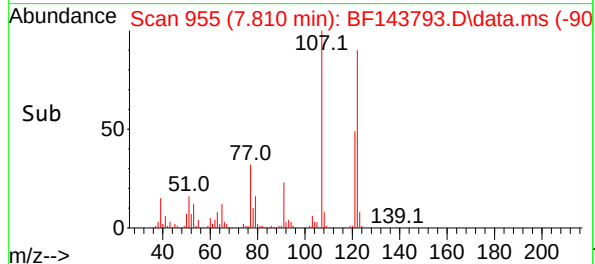
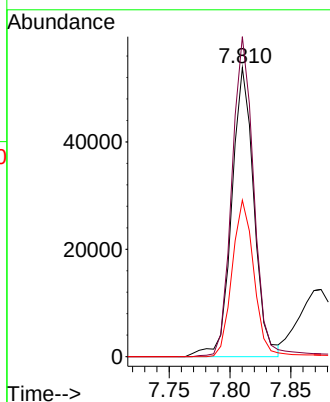
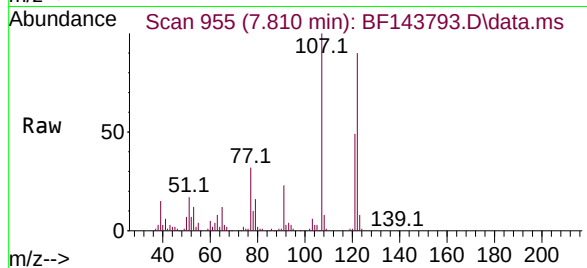




#27
2,4-Dimethylphenol
Concen: 9.833 ng
RT: 7.810 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

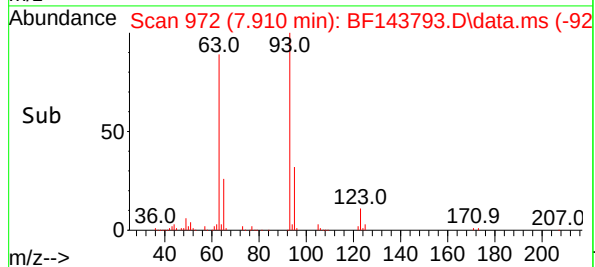
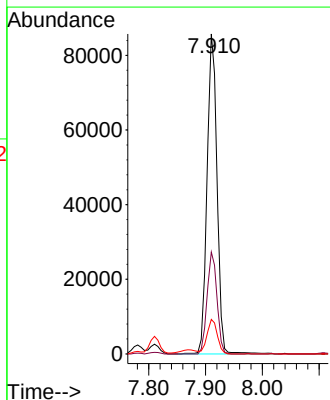
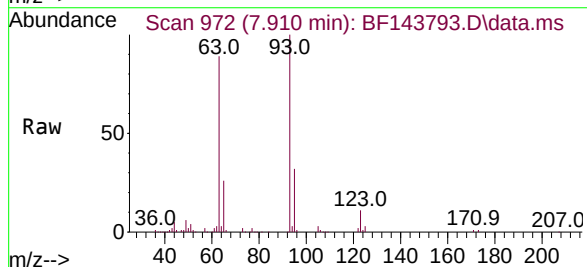
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

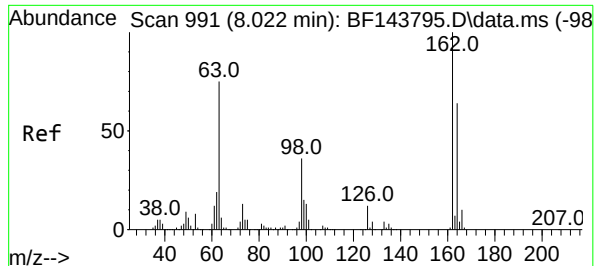
Tgt Ion:122 Resp: 68320
Ion Ratio Lower Upper
122 100
107 110.8 87.5 131.3
121 54.2 44.2 66.4



#28
bis(2-Chloroethoxy)methane
Concen: 10.387 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 93 Resp: 104902
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 10.200 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

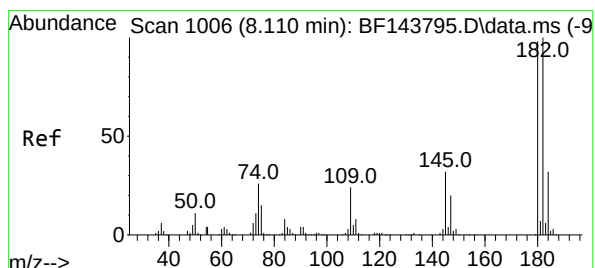
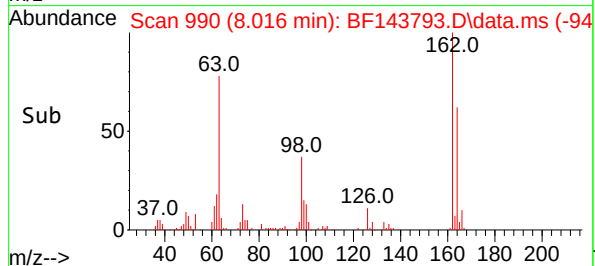
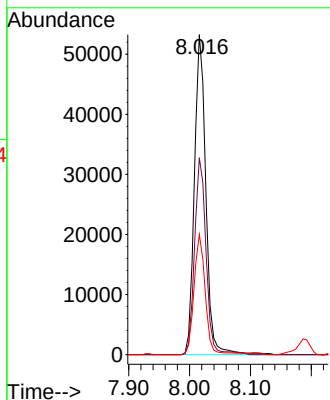
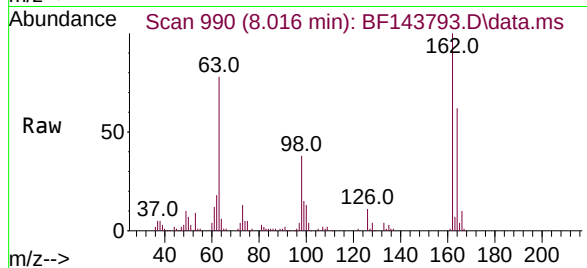
Tgt Ion:162 Resp: 69731

Ion Ratio Lower Upper

162 100

164 61.5 44.1 84.1

98 37.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 9.914 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

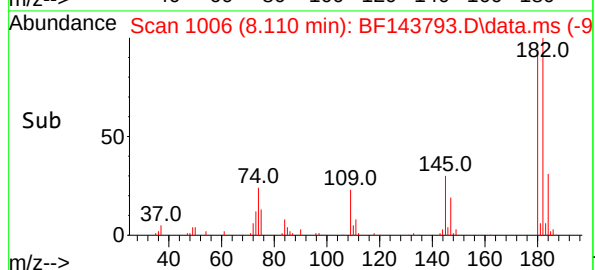
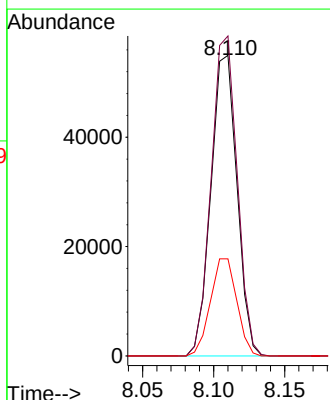
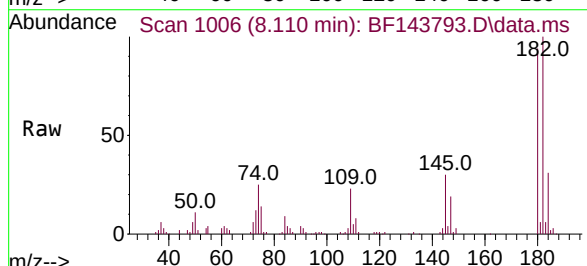
Tgt Ion:180 Resp: 70340

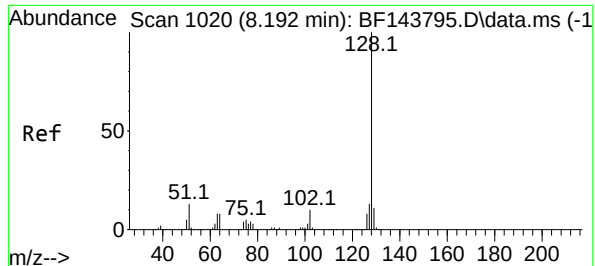
Ion Ratio Lower Upper

180 100

182 106.5 82.0 123.0

145 32.3 25.9 38.9

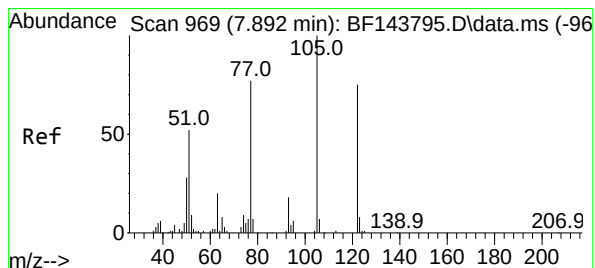
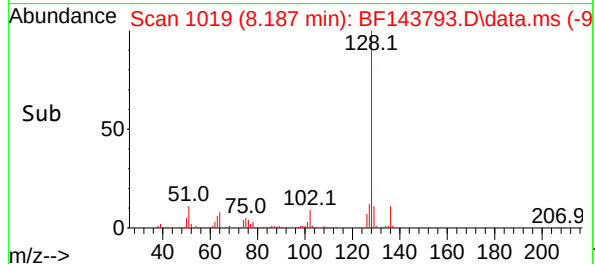
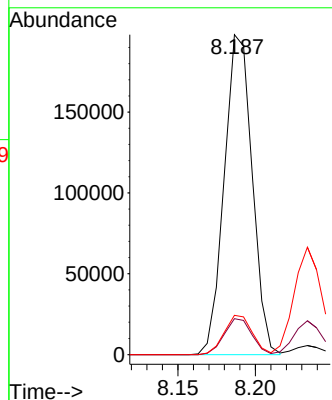
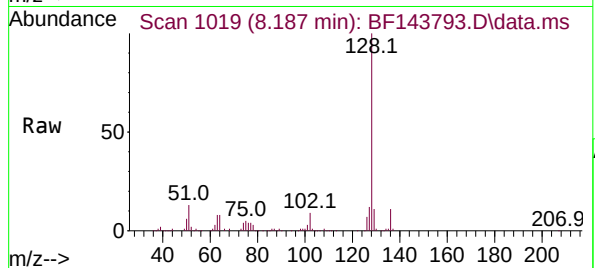




#31
Naphthalene
Concen: 10.662 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

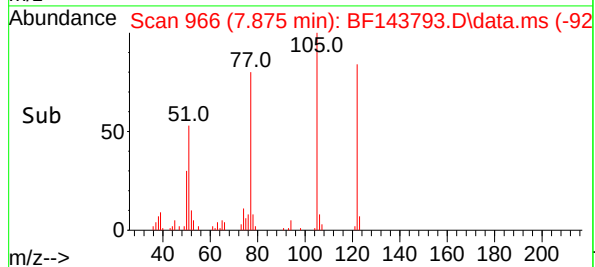
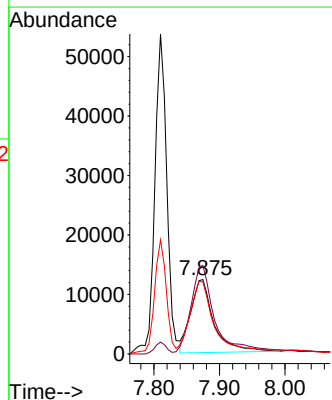
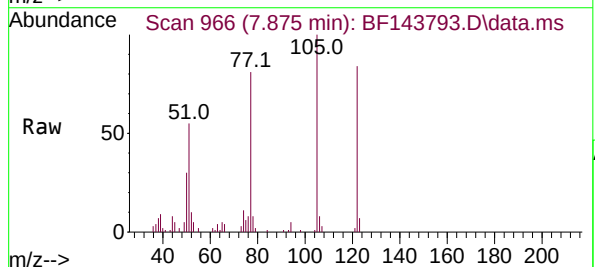
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

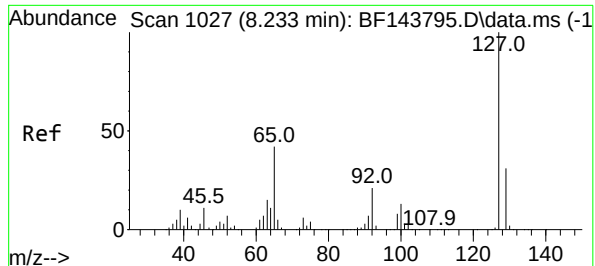
Tgt Ion:128 Resp: 249230
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.3 10.2 15.4



#32
Benzoic acid
Concen: 9.023 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:122 Resp: 30248
Ion Ratio Lower Upper
122 100
105 118.9 103.7 143.7
77 96.9 78.8 118.8





#33

4-Chloroaniline

Concen: 10.316 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 84740

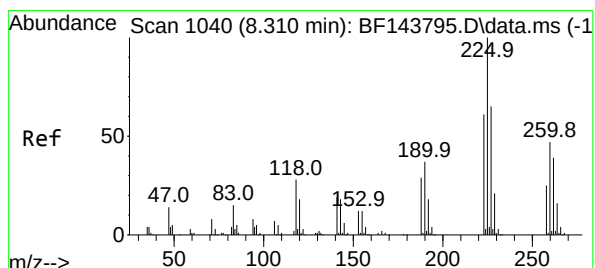
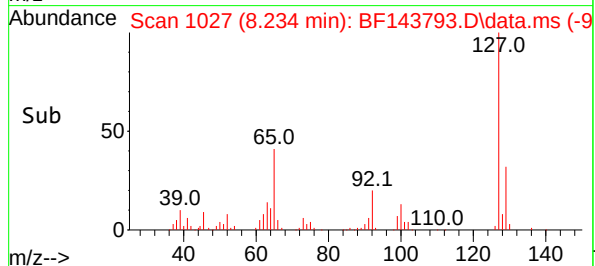
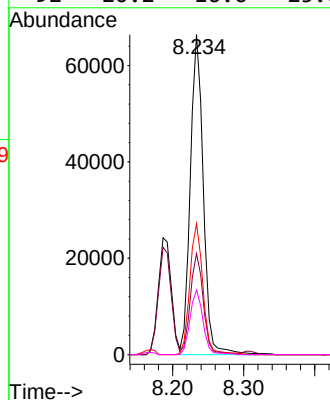
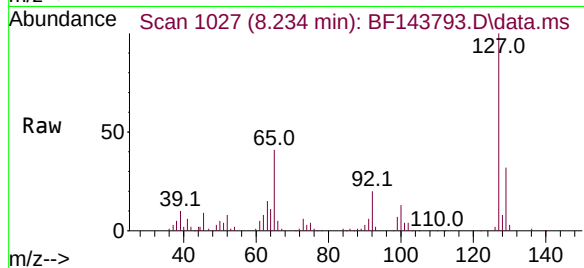
Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 40.9 33.4 50.2

92 20.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 10.103 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

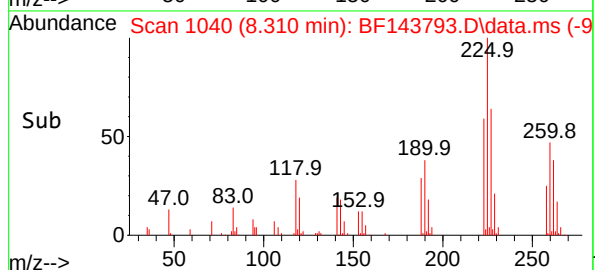
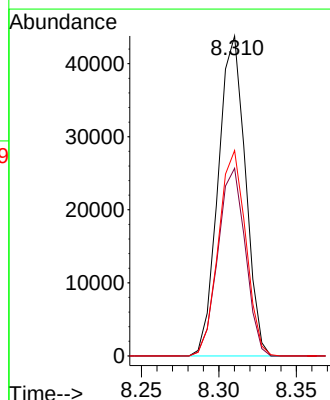
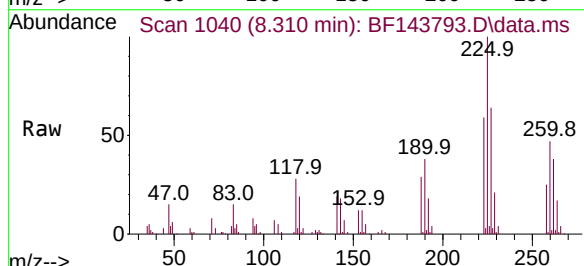
Tgt Ion:225 Resp: 53434

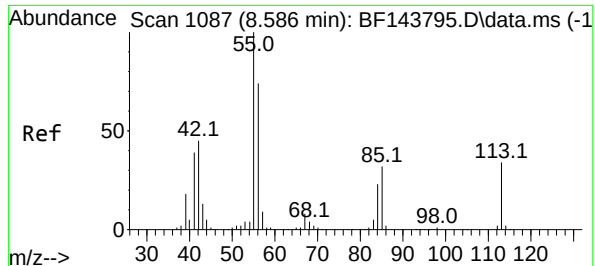
Ion Ratio Lower Upper

225 100

223 58.6 48.6 72.8

227 64.2 51.9 77.9

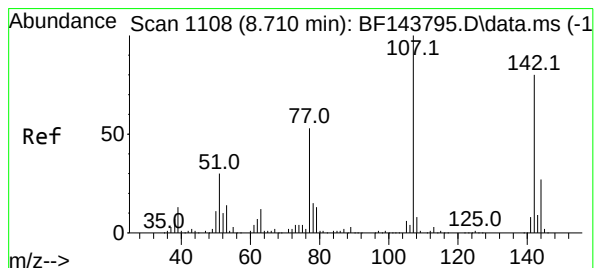
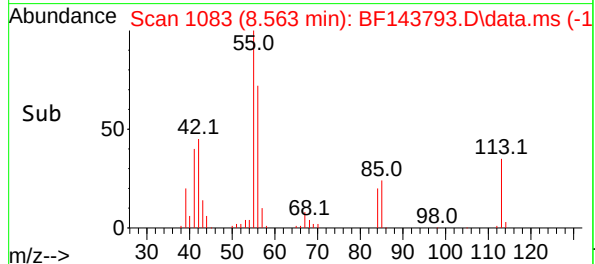
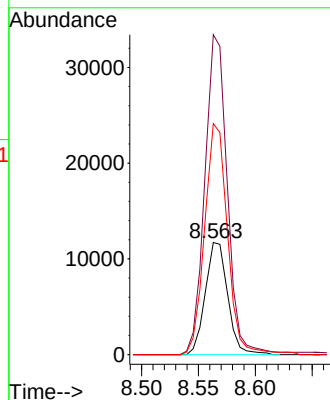
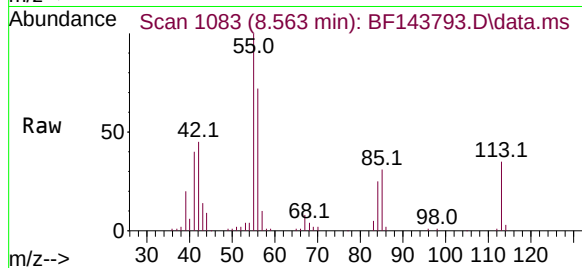




#35
Caprolactam
Concen: 9.192 ng
RT: 8.563 min Scan# 1107
Delta R.T. -0.047 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

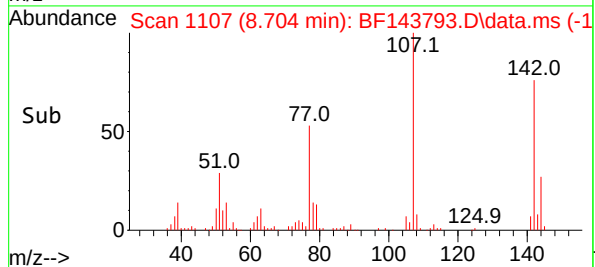
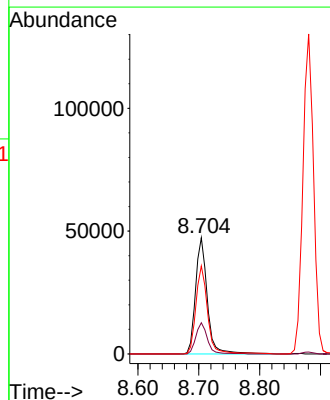
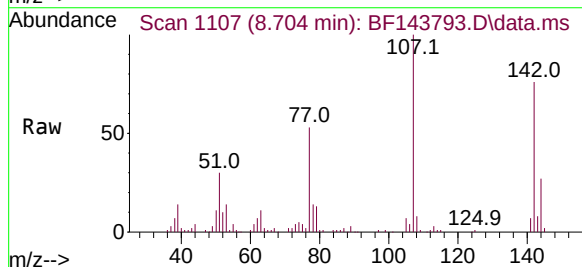
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

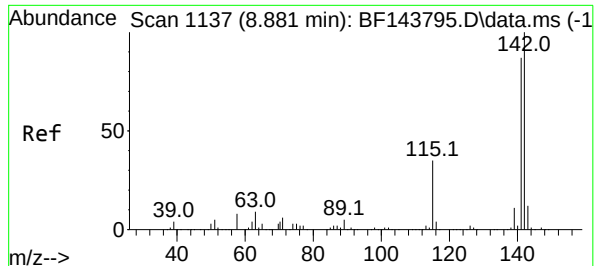
Tgt Ion	Ratio	Lower	Upper
113	100		
55	285.6	271.7	311.7
56	206.2	194.5	234.5



#36
4-Chloro-3-methylphenol
Concen: 9.882 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	21.8	32.8
142	75.7	63.6	95.4





#37

2-Methylnaphthalene

Concen: 10.644 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

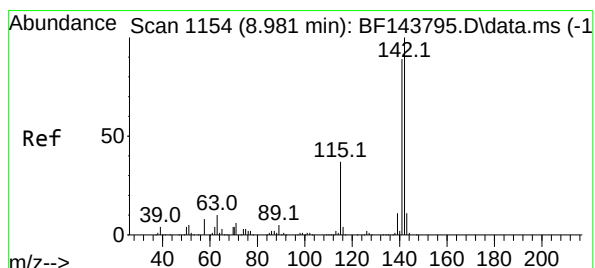
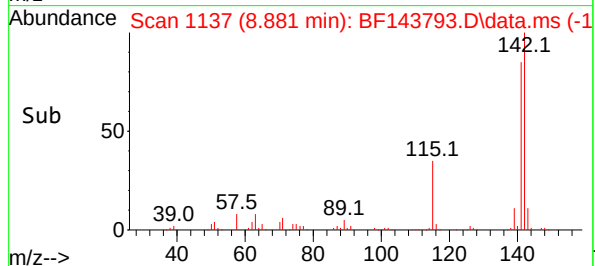
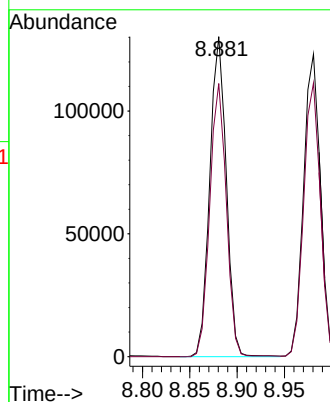
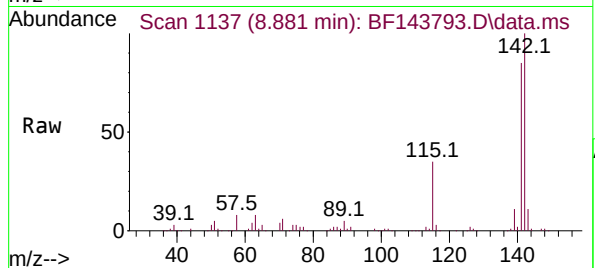
SSTDICC010

Tgt Ion:142 Resp: 158654

Ion Ratio Lower Upper

142 100

141 85.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 10.572 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143793.D

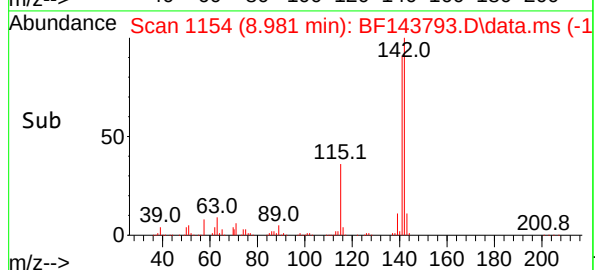
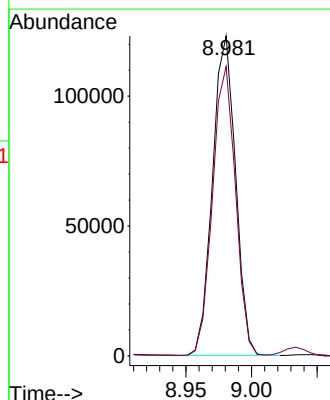
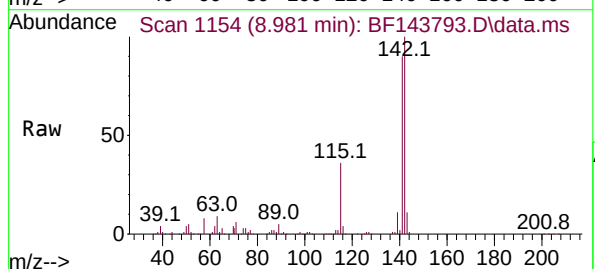
Acq: 23 Sep 2025 11:57

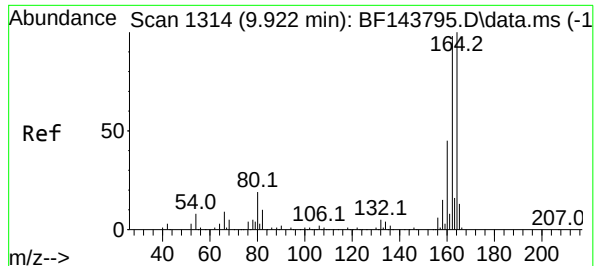
Tgt Ion:142 Resp: 150831

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

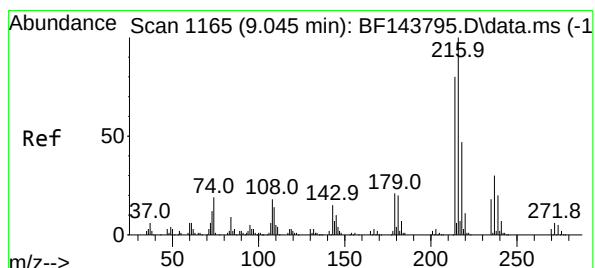
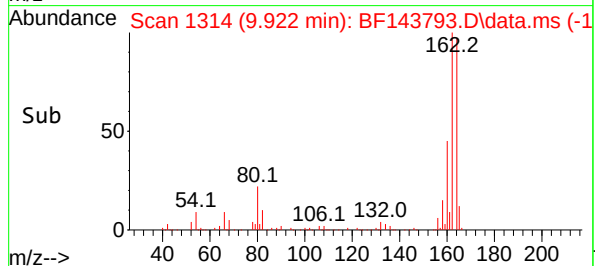
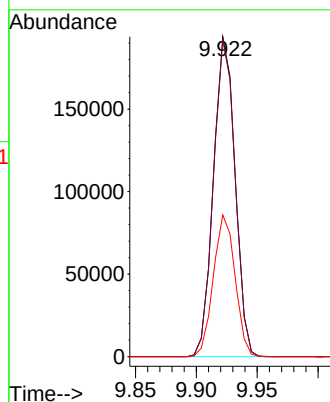
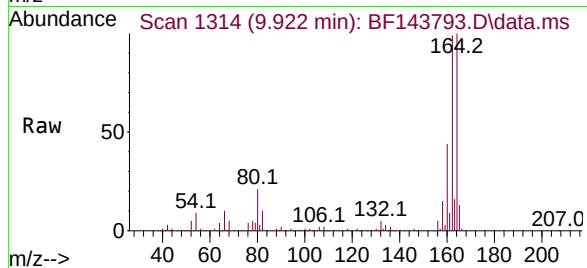
Tgt Ion:164 Resp: 239396

Ion Ratio Lower Upper

164 100

162 99.0 78.8 118.2

160 44.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.509 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion:216 Resp: 75923

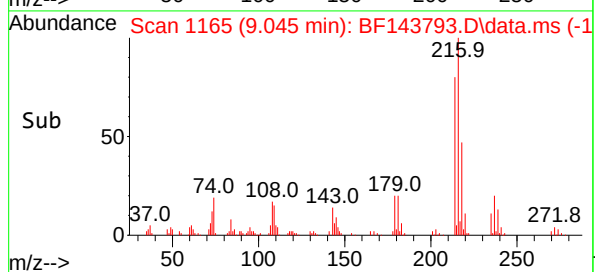
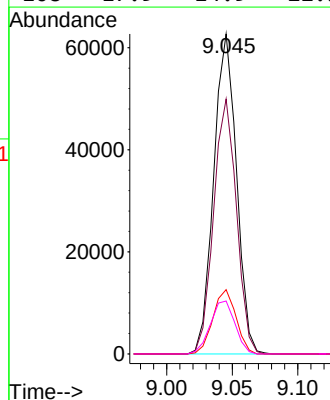
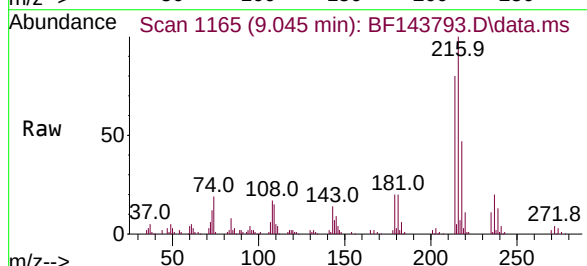
Ion Ratio Lower Upper

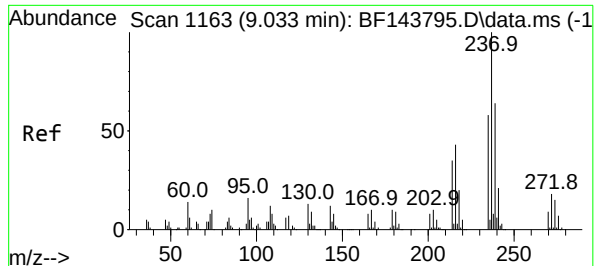
216 100

214 79.8 63.7 95.5

179 20.4 16.5 24.7

108 17.9 14.9 22.3

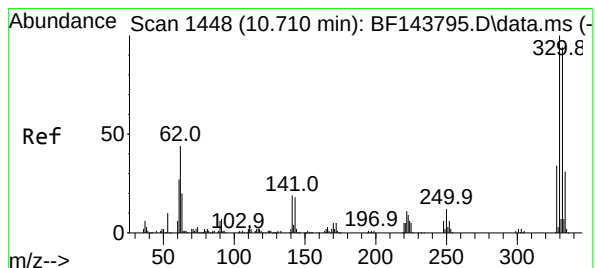
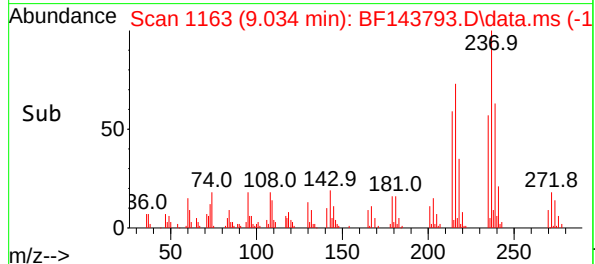
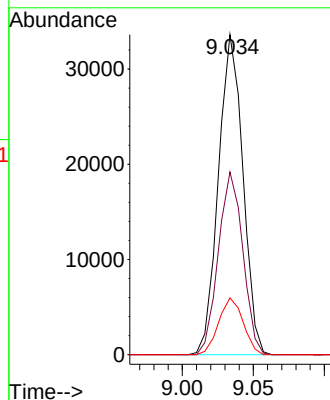
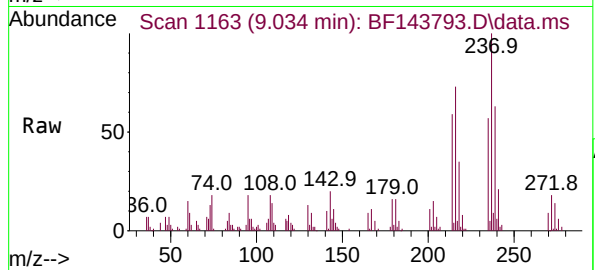




#41
Hexachlorocyclopentadiene
Concen: 8.792 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

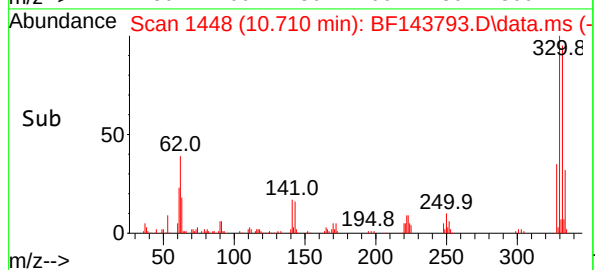
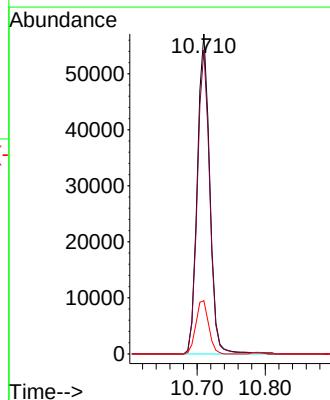
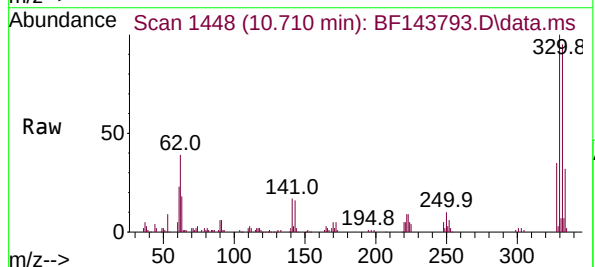
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

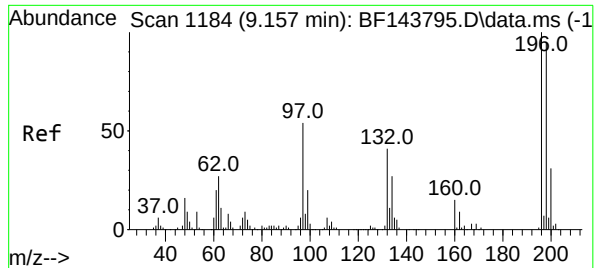
Tgt Ion:237 Resp: 40258
Ion Ratio Lower Upper
237 100
235 57.1 38.1 78.1
272 17.7 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 21.225 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:330 Resp: 72517
Ion Ratio Lower Upper
330 100
332 94.6 74.7 112.1
141 17.0 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 9.474 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143793.D

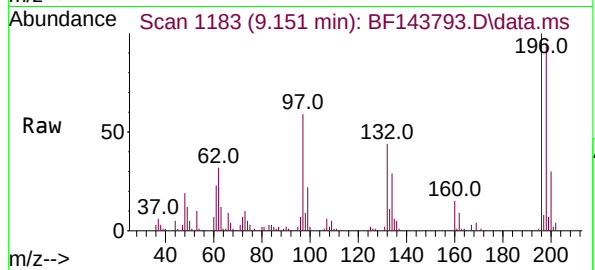
Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



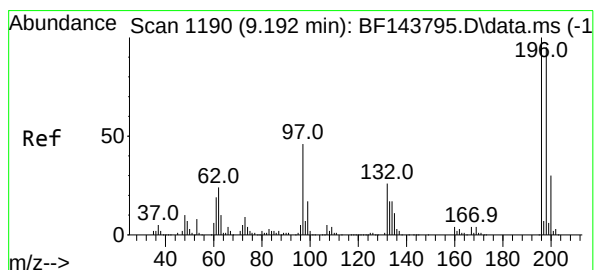
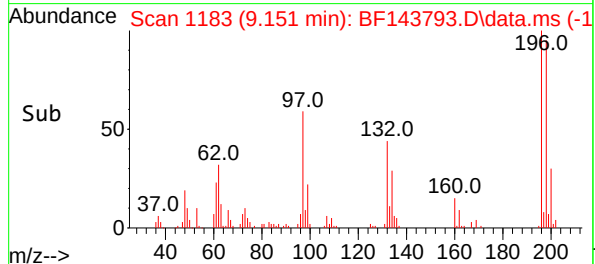
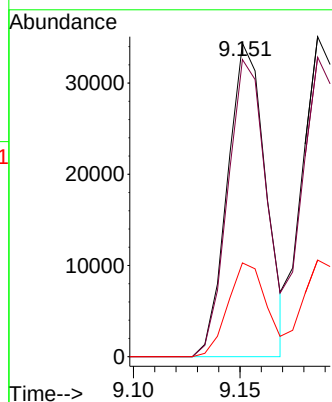
Tgt Ion:196 Resp: 42859

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

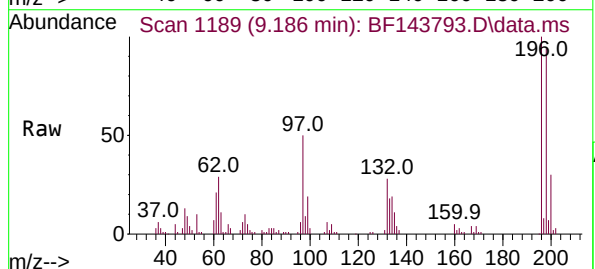
Concen: 9.889 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57



Tgt Ion:196 Resp: 46791

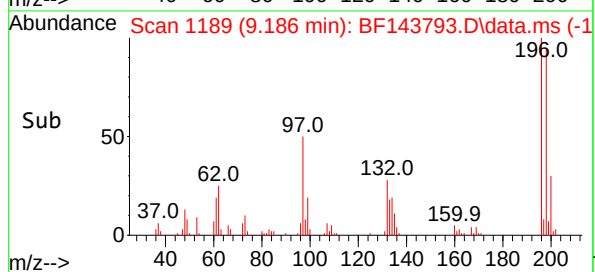
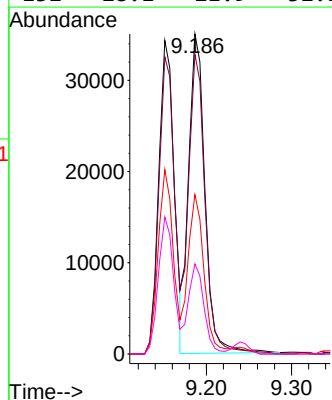
Ion Ratio Lower Upper

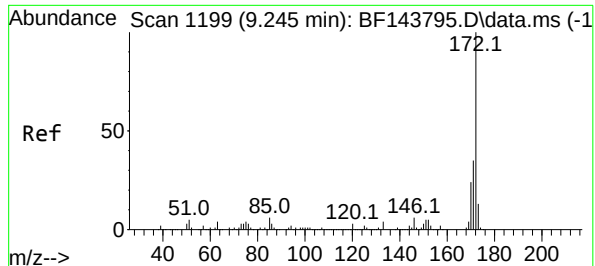
196 100

198 93.6 75.9 113.9

97 49.8 38.3 57.5

132 28.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 21.809 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

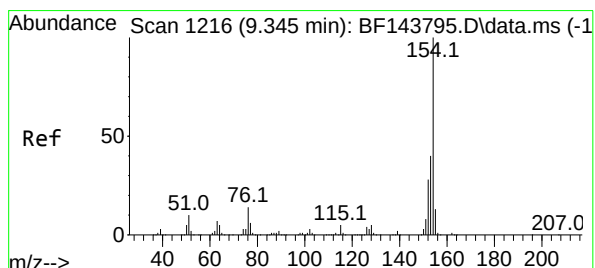
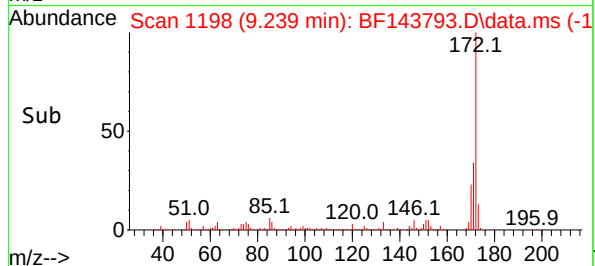
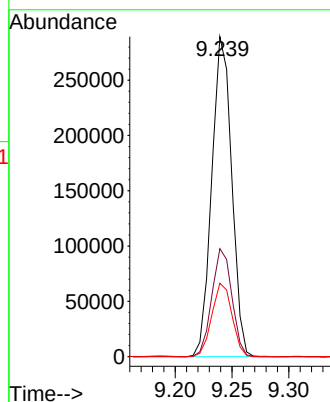
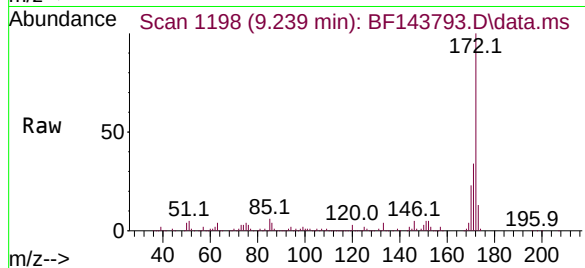
Tgt Ion:172 Resp: 353299

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

170 22.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 10.644 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

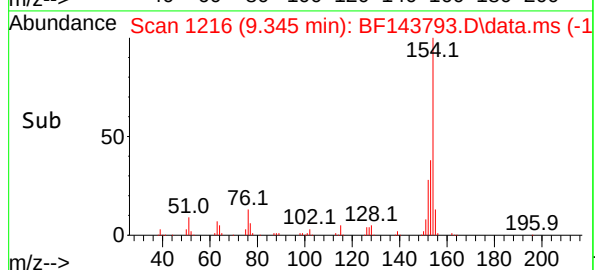
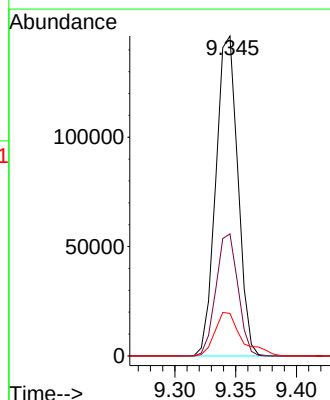
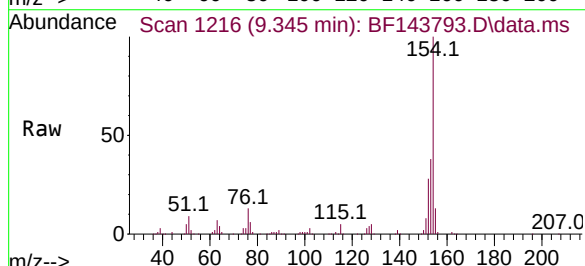
Tgt Ion:154 Resp: 184443

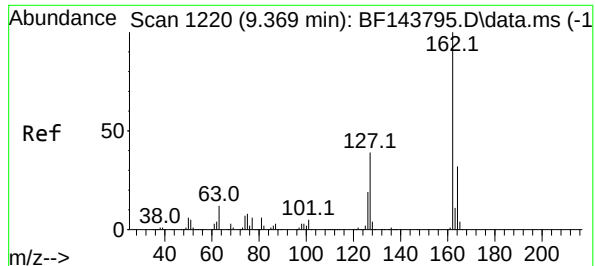
Ion Ratio Lower Upper

154 100

153 38.1 19.7 59.7

76 13.3 0.0 33.8





#47

2-Chloronaphthalene

Concen: 10.496 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

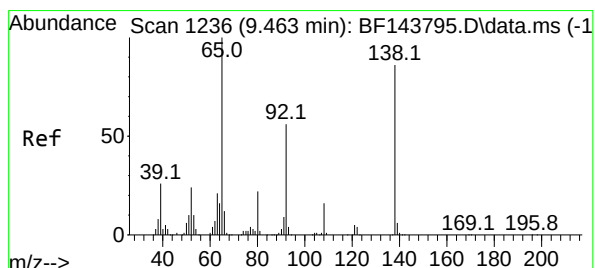
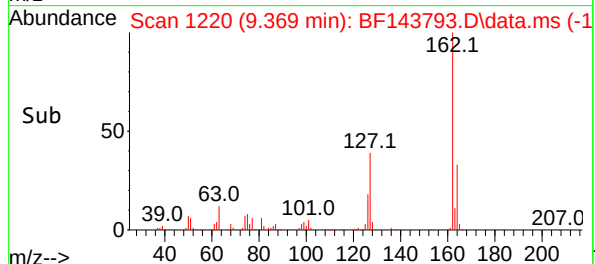
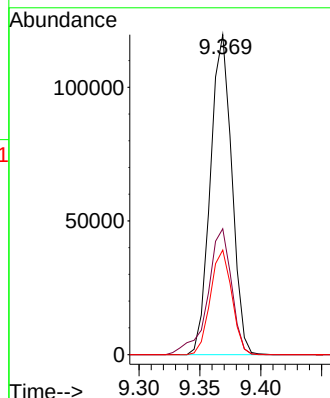
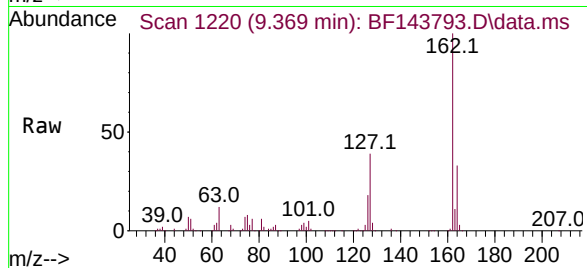
Tgt Ion:162 Resp: 146409

Ion Ratio Lower Upper

162 100

127 39.3 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 8.646 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

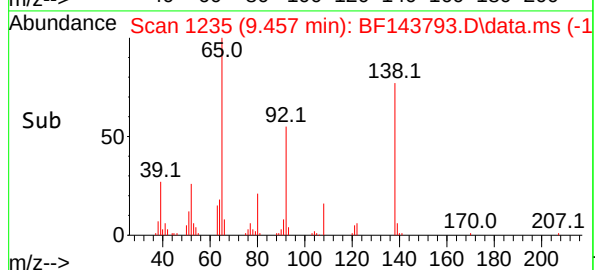
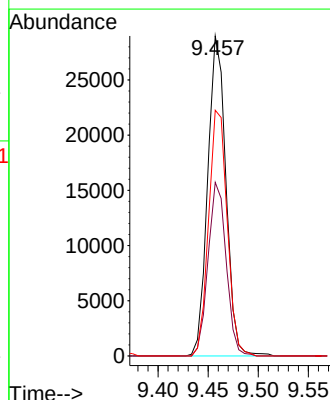
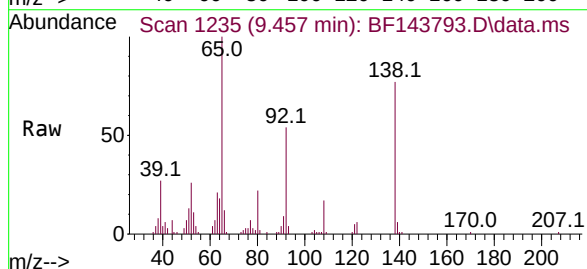
Tgt Ion: 65 Resp: 36451

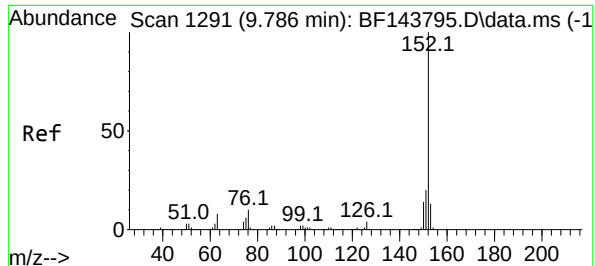
Ion Ratio Lower Upper

65 100

92 54.2 44.9 67.3

138 76.8 69.0 103.4





#49

Acenaphthylene

Concen: 10.338 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

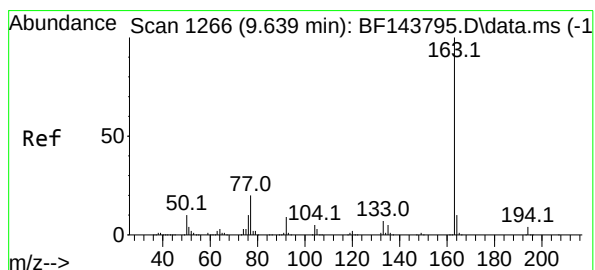
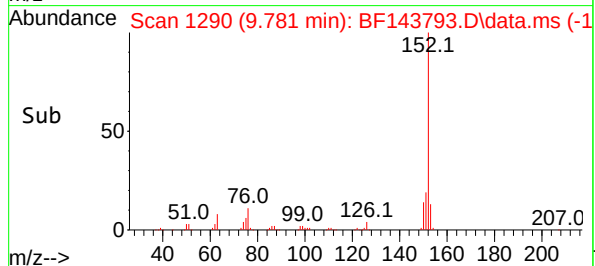
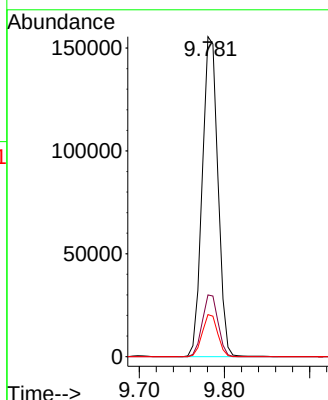
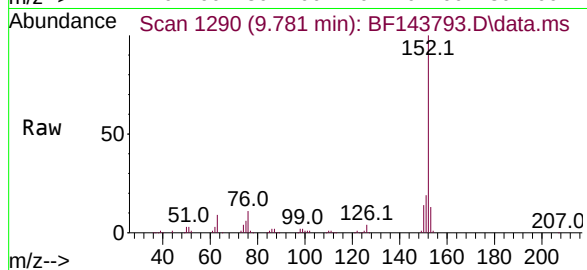
Tgt Ion:152 Resp: 198522

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 10.118 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

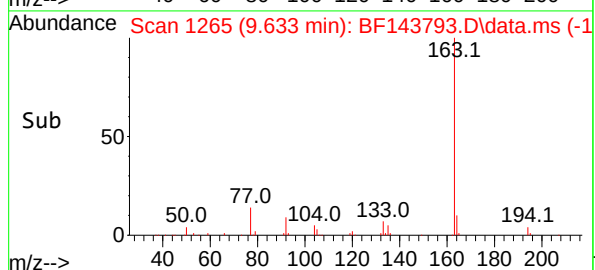
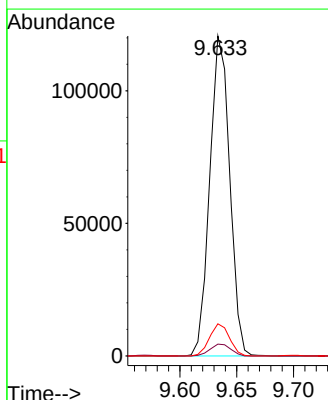
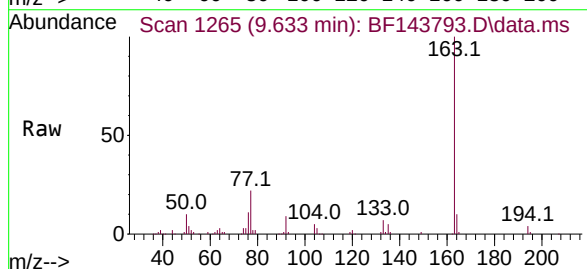
Tgt Ion:163 Resp: 147631

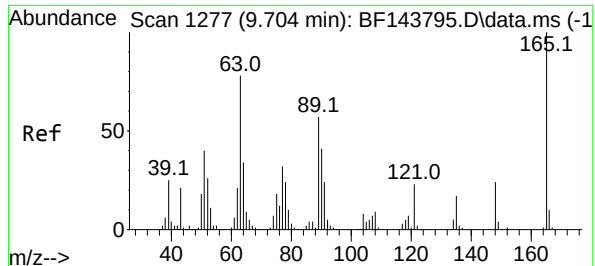
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

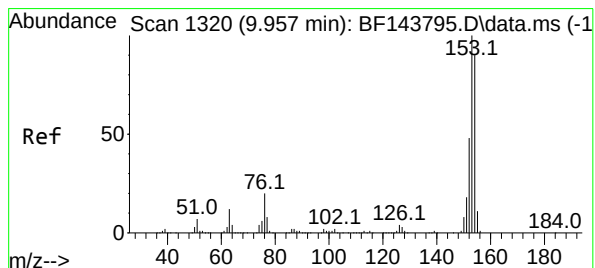
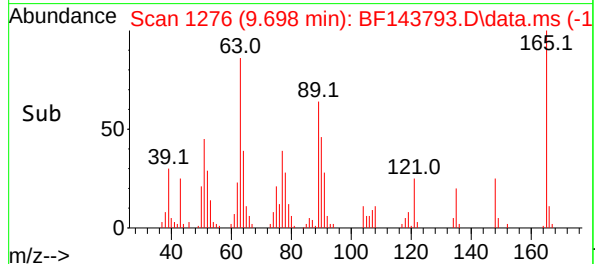
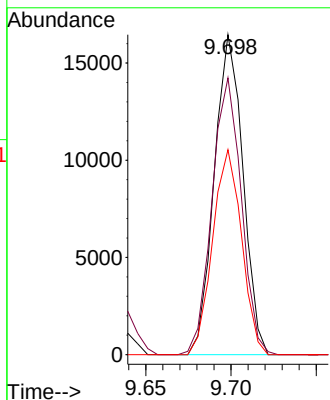
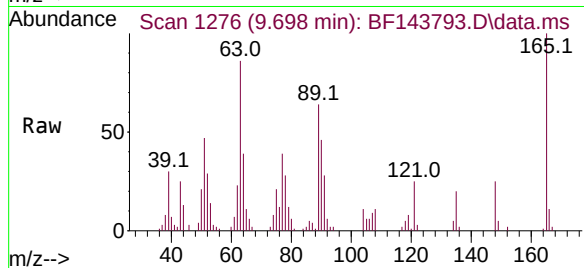




#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

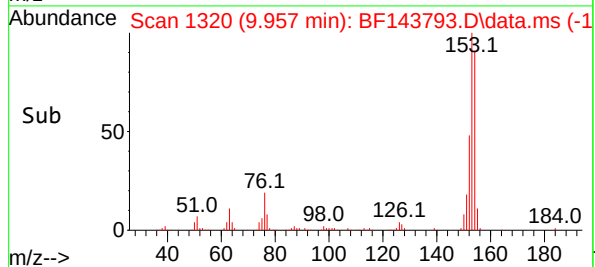
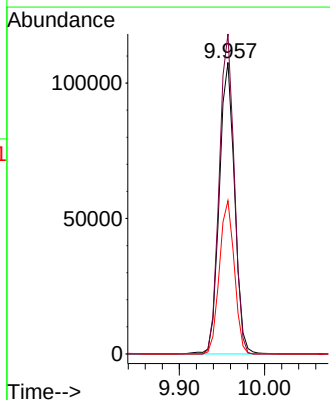
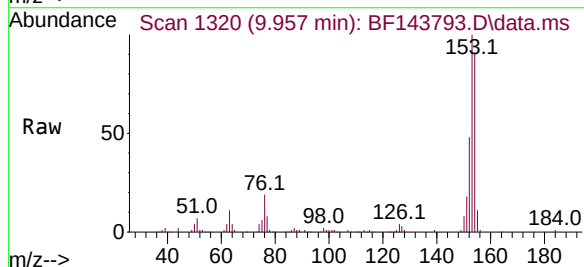
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

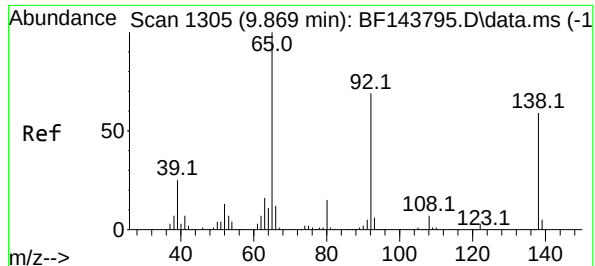
Tgt Ion	165	Ratio	100	Lower	Upper
165	100				
63	86.5		62.6	94.0	
89	64.0		45.2	67.8	



#52
Acenaphthene
Concen: 10.619 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	154	Ratio	100	Lower	Upper
154	100				
153	109.8		88.7	133.1	
152	52.6		42.7	64.1	





#53

3-Nitroaniline

Concen: 8.650 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

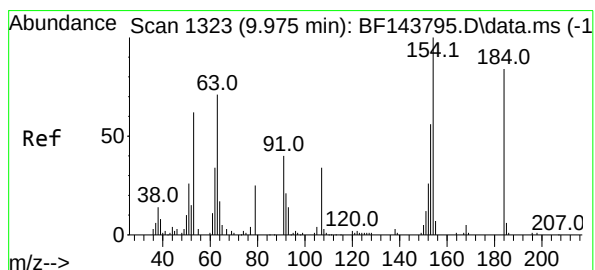
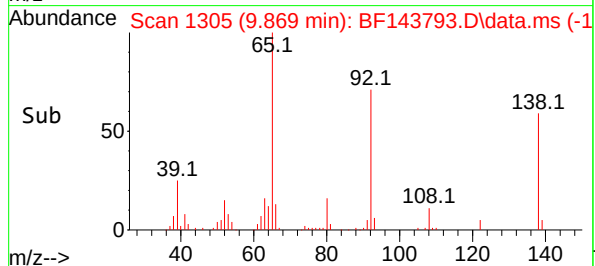
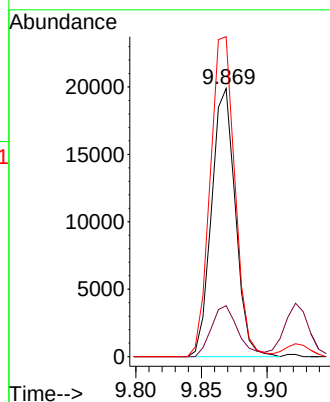
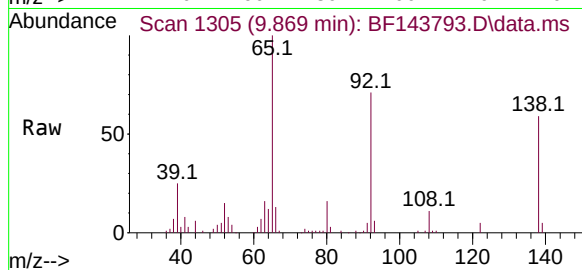
Tgt Ion:138 Resp: 25136

Ion Ratio Lower Upper

138 100

108 19.0 9.9 14.9#

92 119.3 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 11.233 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

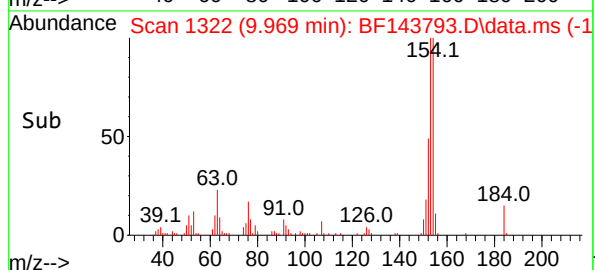
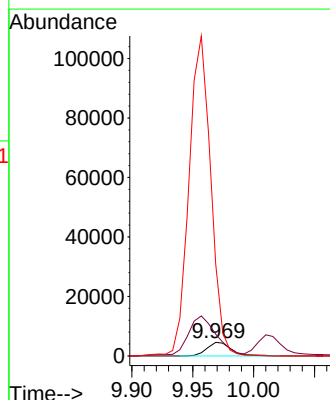
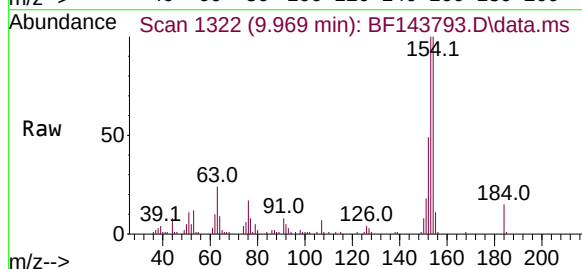
Tgt Ion:184 Resp: 6231

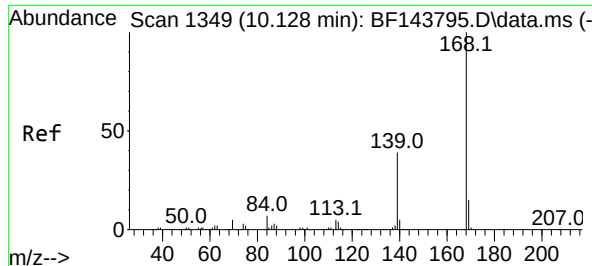
Ion Ratio Lower Upper

184 100

63 160.0 84.6 127.0#

154 677.6 199.3 298.9#





#55

Dibenzofuran

Concen: 10.393 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

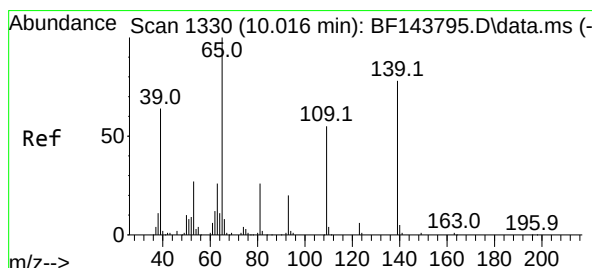
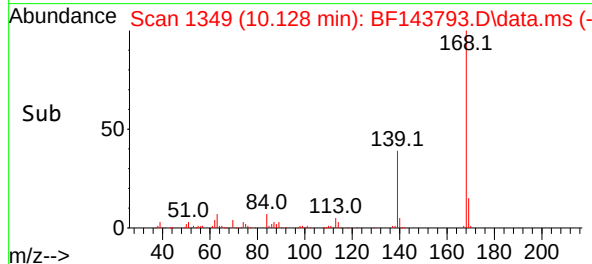
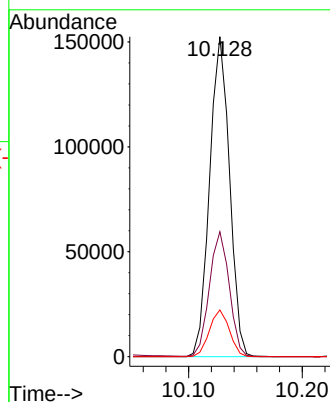
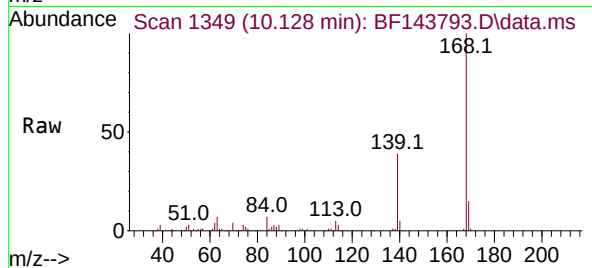
Tgt Ion:168 Resp: 185710

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

169 14.6 11.9 17.9



#56

4-Nitrophenol

Concen: 10.065 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

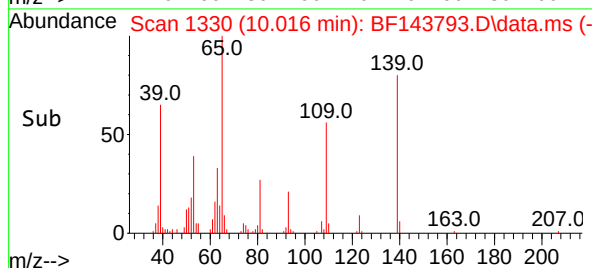
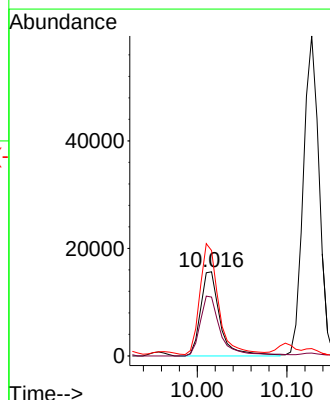
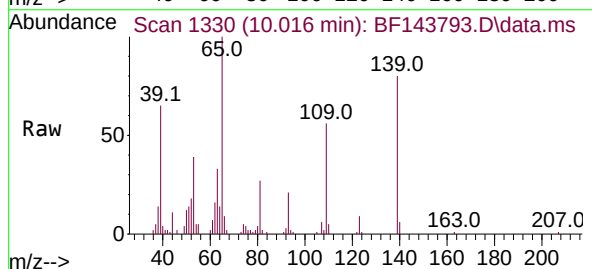
Tgt Ion:139 Resp: 23569

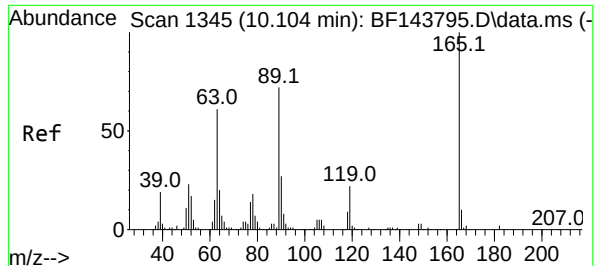
Ion Ratio Lower Upper

139 100

109 69.9 50.2 90.2

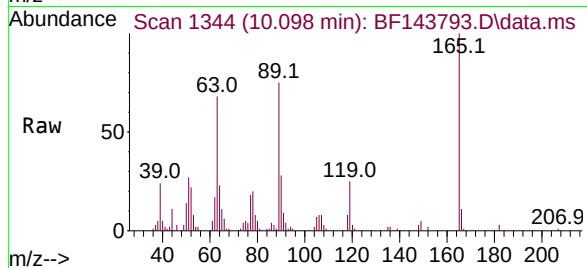
65 125.3 109.2 149.2



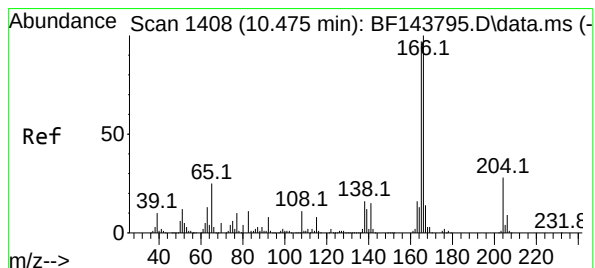
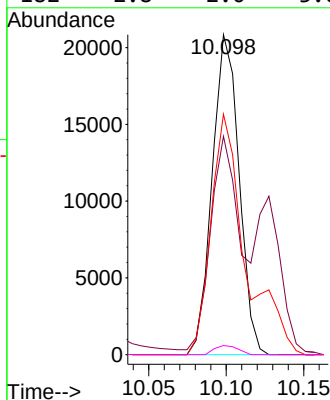
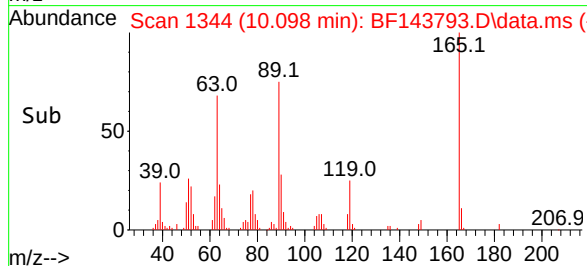


#57
2,4-Dinitrotoluene
Concen: 9.543 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

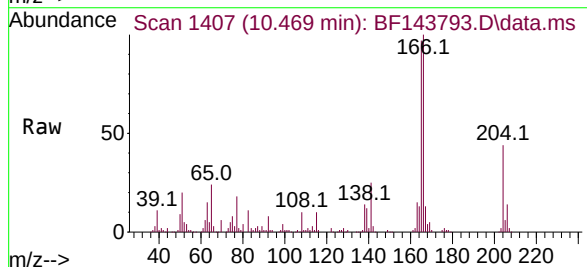
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



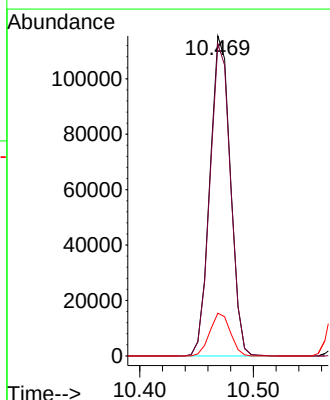
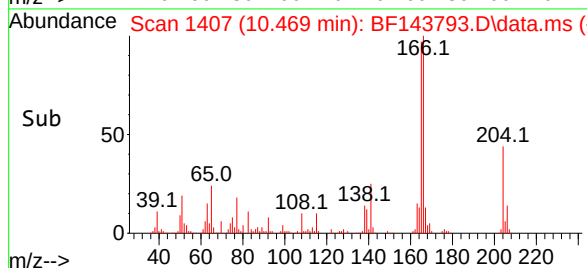
Tgt Ion:165 Resp: 25096
Ion Ratio Lower Upper
165 100
63 68.2 48.9 73.3
89 75.1 57.5 86.3
182 2.8 2.0 3.0

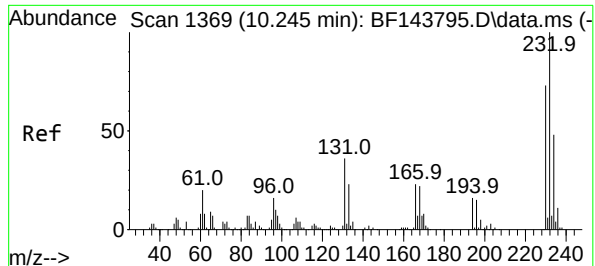


#58
Fluorene
Concen: 10.898 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57



Tgt Ion:166 Resp: 144778
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.3 10.9 16.3

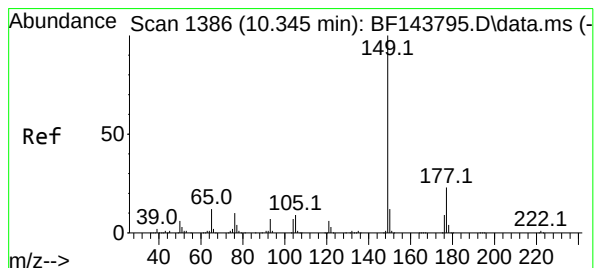
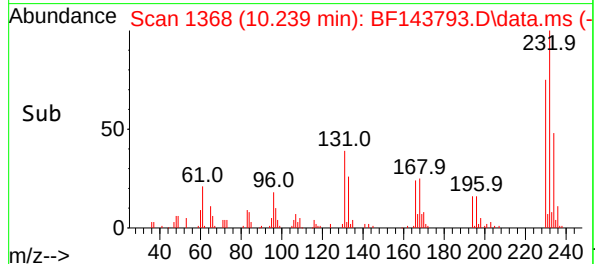
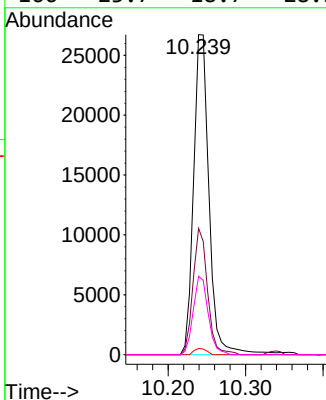
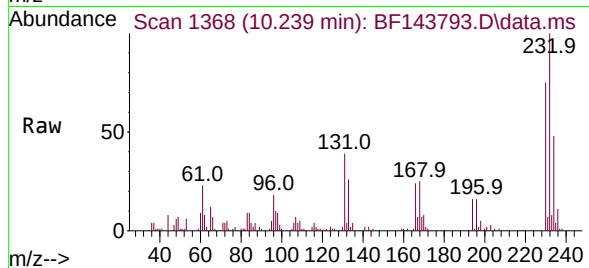




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.120 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

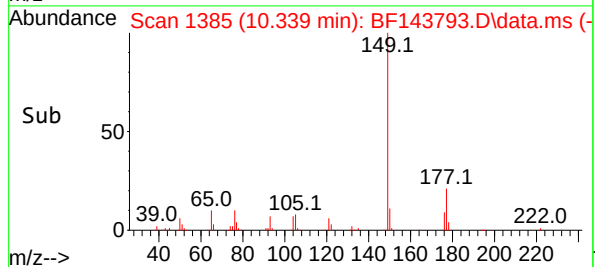
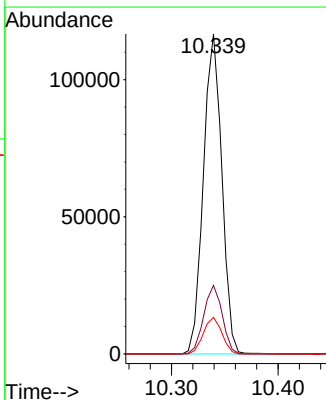
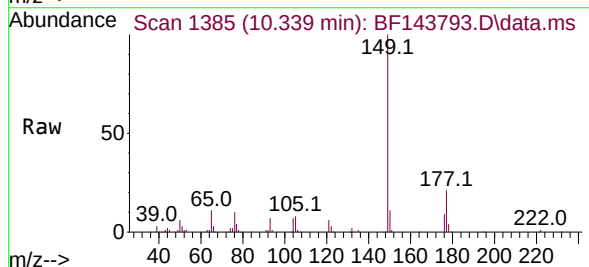
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

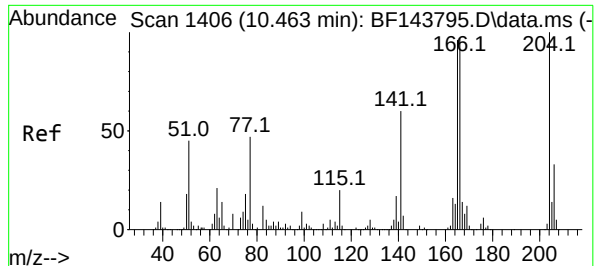
Tgt Ion:232 Resp: 36970
Ion Ratio Lower Upper
232 100
131 37.0 29.4 44.2
130 1.5 1.3 1.9
166 23.7 18.7 28.1



#60
Diethylphthalate
Concen: 10.254 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 140054
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 11.4 9.7 14.5

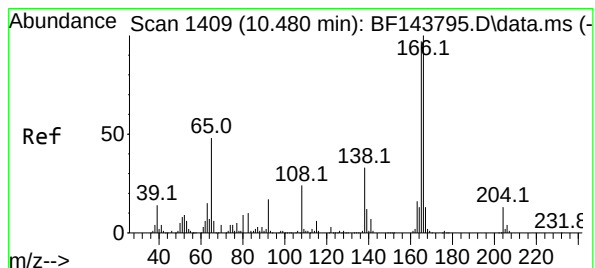
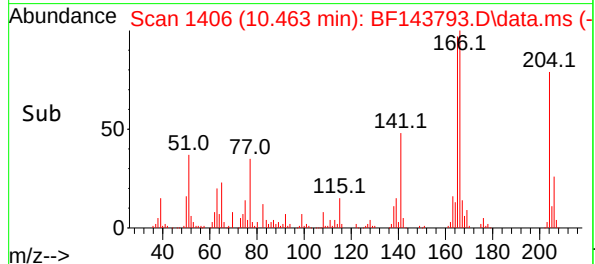
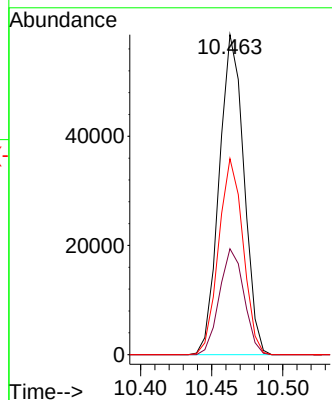
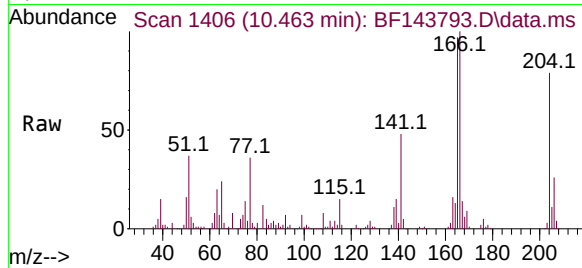




#61
4-Chlorophenyl-phenylether
Concen: 10.472 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

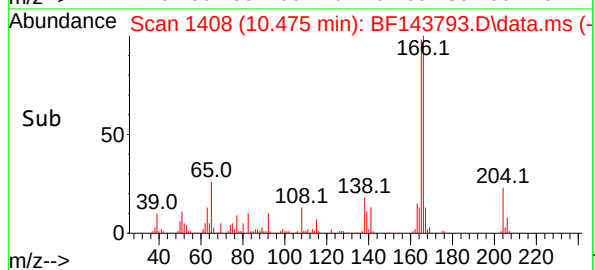
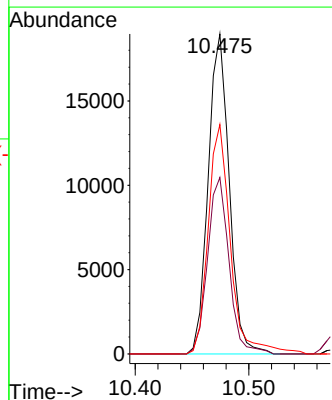
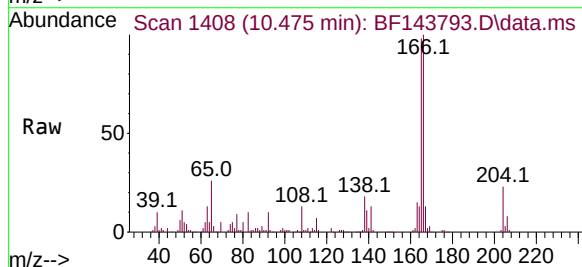
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

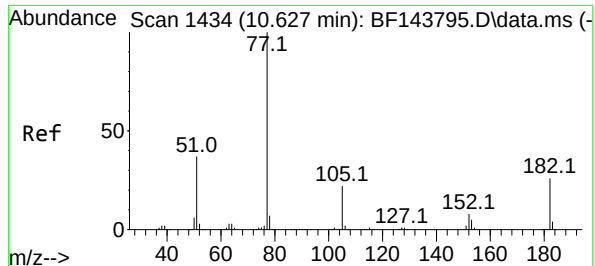
Tgt Ion	204	Resp:	70883
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.7	40.1
141	61.2	48.2	72.2



#62
4-Nitroaniline
Concen: 8.943 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	138	Resp:	24435
Ion Ratio	Lower	Upper	
138	100		
92	55.1	31.5	71.5
108	71.7	51.9	91.9

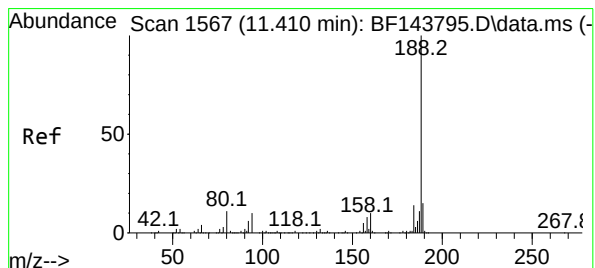
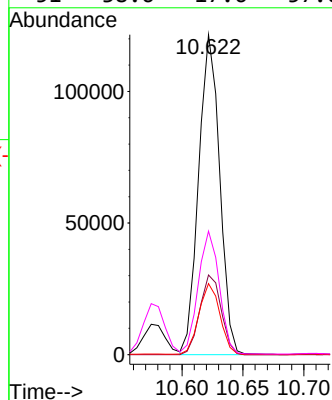
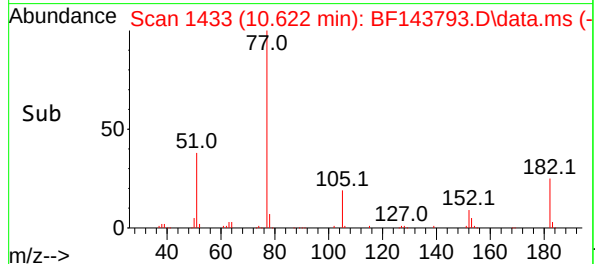
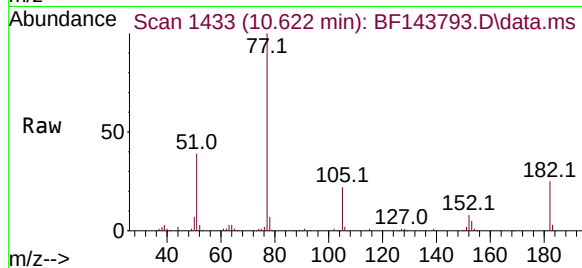




#63
Azobenzene
Concen: 10.152 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

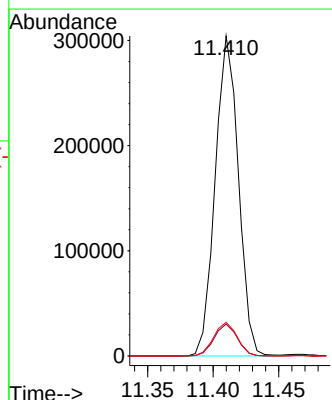
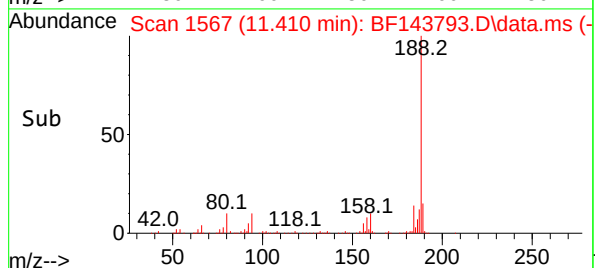
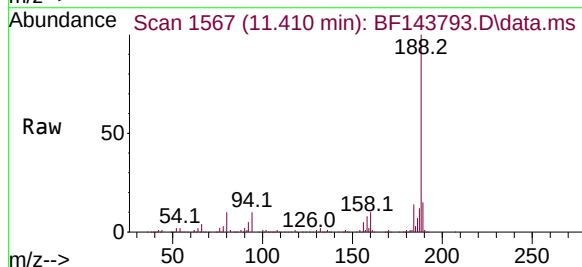
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

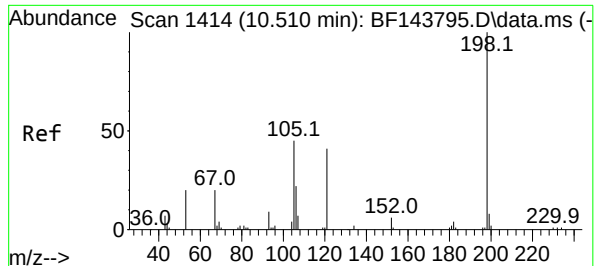
Tgt Ion: 77	Resp: 146130
Ion Ratio	Lower Upper
77 100	
182 24.9	5.9 45.9
105 22.2	2.3 42.3
51 38.6	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 188	Resp: 375125
Ion Ratio	Lower Upper
188 100	
94 9.9	8.2 12.2
80 10.5	8.6 12.8

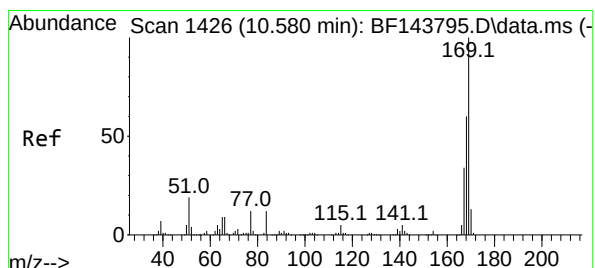
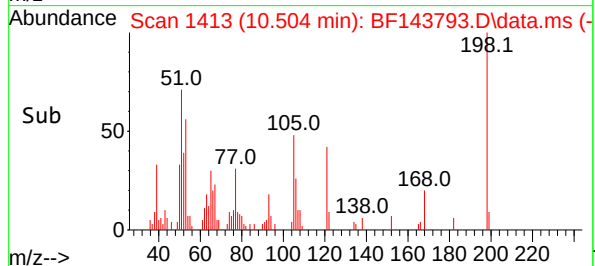
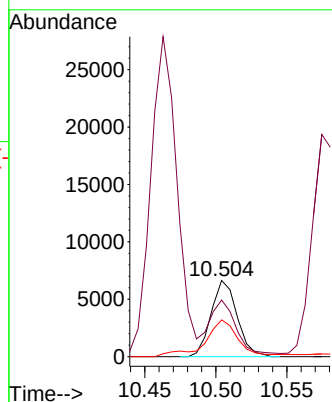
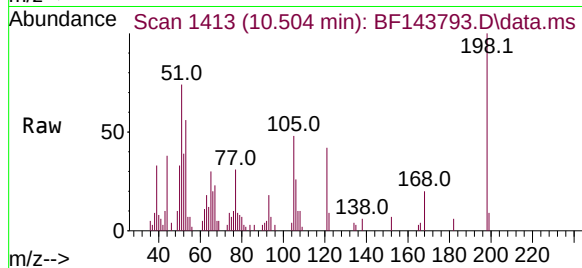




#65
4,6-Dinitro-2-methylphenol
Concen: 10.867 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

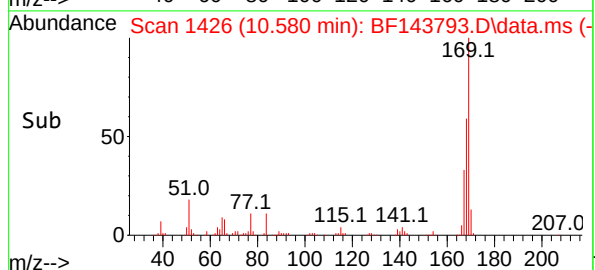
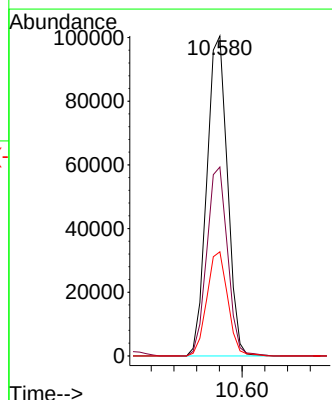
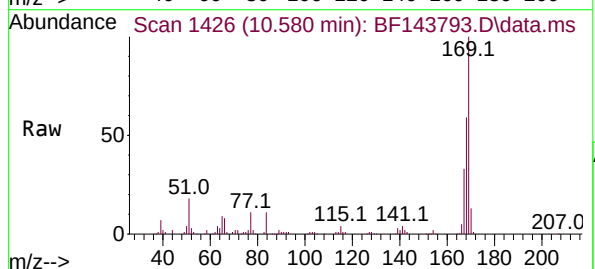
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

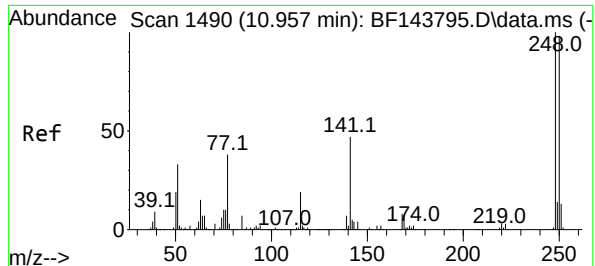
Tgt Ion	198	Resp	8417
Ion Ratio	Lower	Upper	
198	100		
51	74.4	52.0	92.0
105	48.2	27.5	67.5



#66
n-Nitrosodiphenylamine
Concen: 10.261 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	169	Resp	126584
Ion Ratio	Lower	Upper	
169	100		
168	59.0	47.9	71.9
167	32.5	27.0	40.6

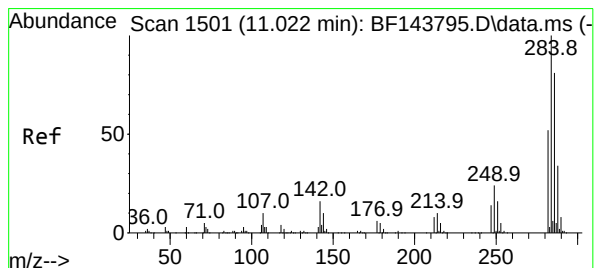
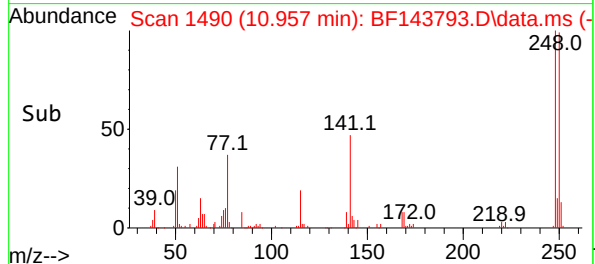
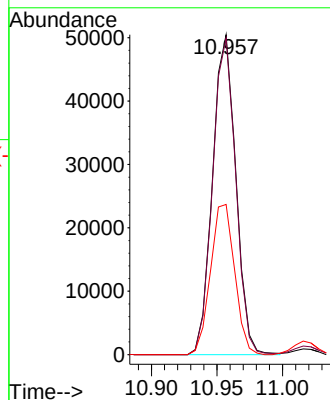
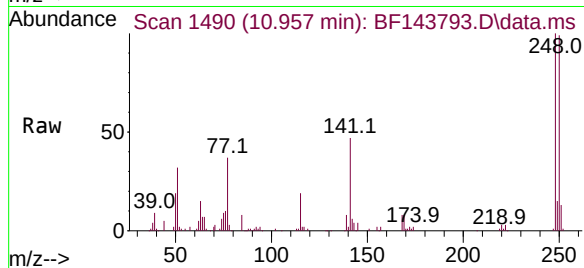




#67
4-Bromophenyl-phenylether
Concen: 9.784 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

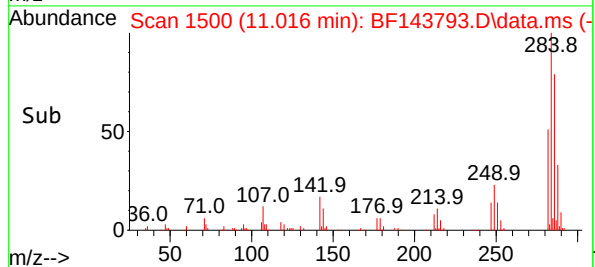
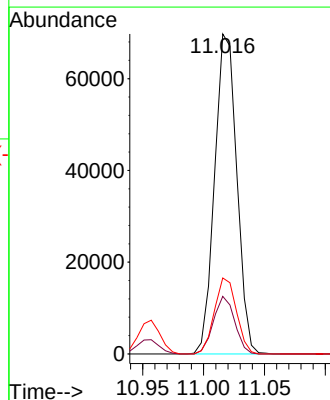
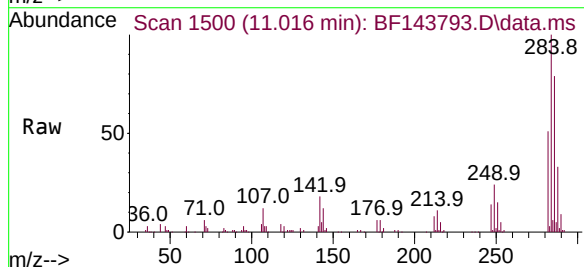
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

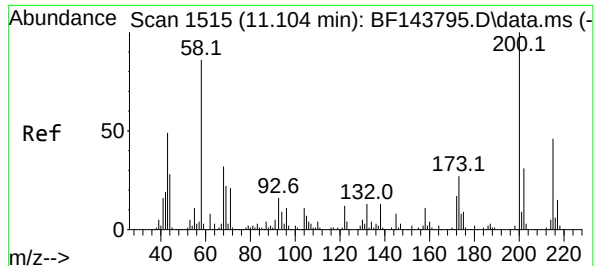
Tgt Ion:	248	Resp:	62547
Ion Ratio	Lower	Upper	
248	100		
250	98.9	78.7	118.1
141	46.9	37.9	56.9



#68
Hexachlorobenzene
Concen: 10.009 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:	284	Resp:	88177
Ion Ratio	Lower	Upper	
284	100		
142	18.0	13.1	19.7
249	23.7	19.5	29.3





#69

Atrazine

Concen: 10.010 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

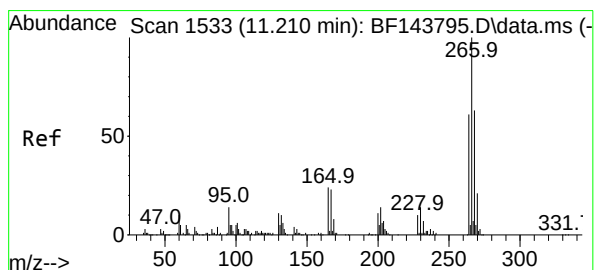
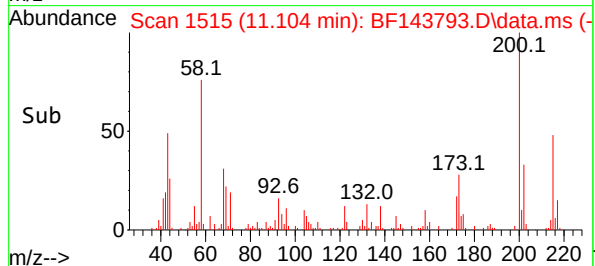
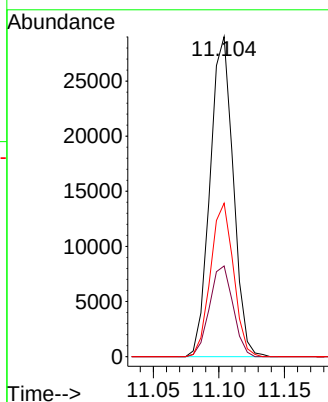
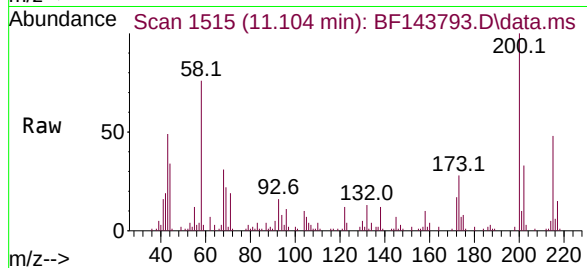
Tgt Ion:200 Resp: 35762

Ion Ratio Lower Upper

200 100

173 28.3 7.2 47.2

215 47.9 26.0 66.0



#70

Pentachlorophenol

Concen: 7.704 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

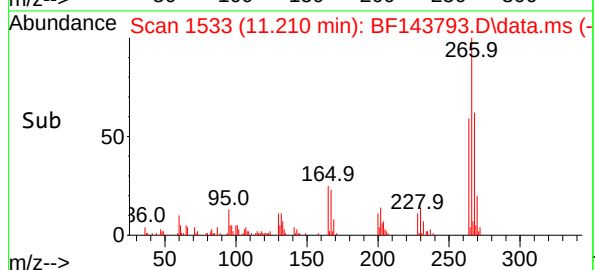
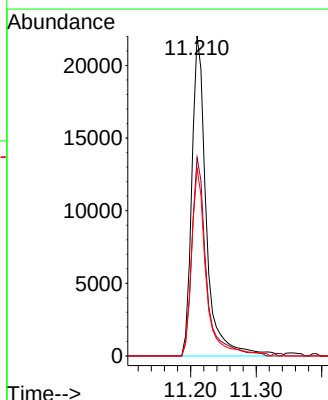
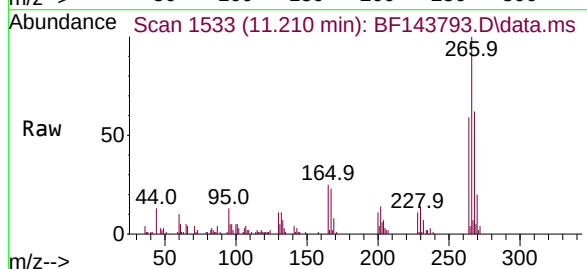
Tgt Ion:266 Resp: 33783

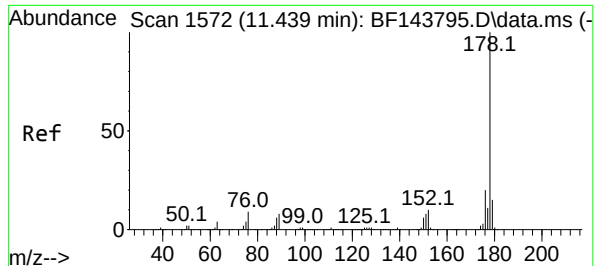
Ion Ratio Lower Upper

266 100

268 62.0 50.5 75.7

264 58.6 48.8 73.2





#71

Phenanthrene

Concen: 10.386 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

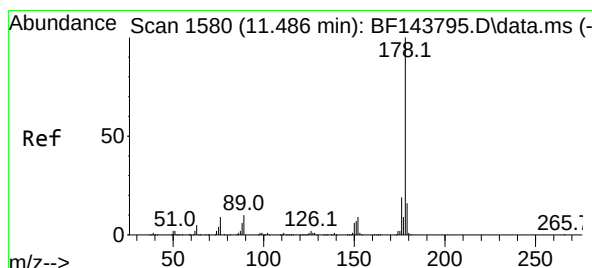
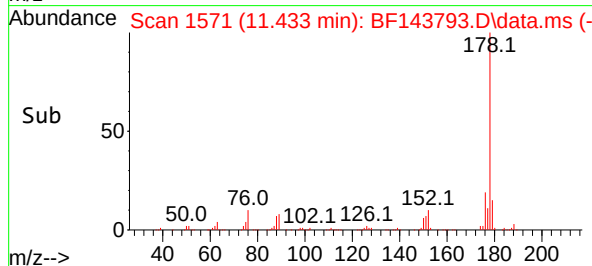
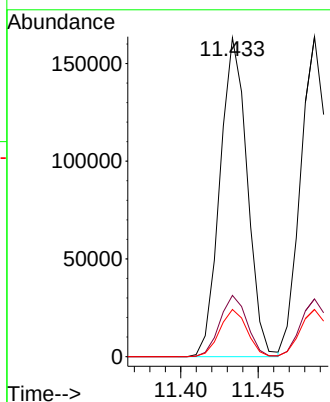
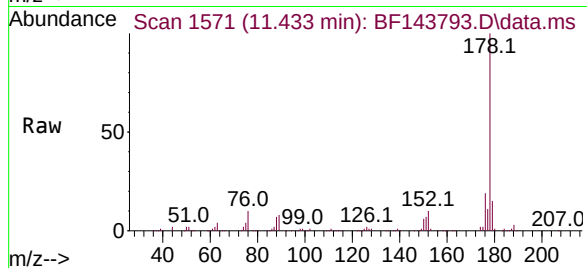
Tgt Ion:178 Resp: 200025

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 14.8 12.2 18.4



#72

Anthracene

Concen: 10.379 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

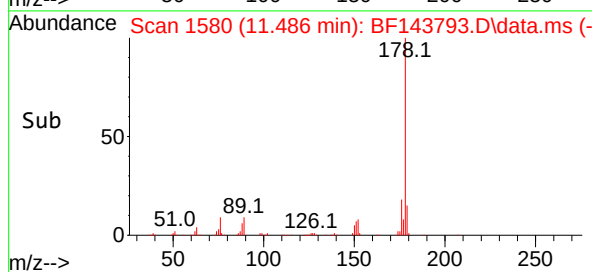
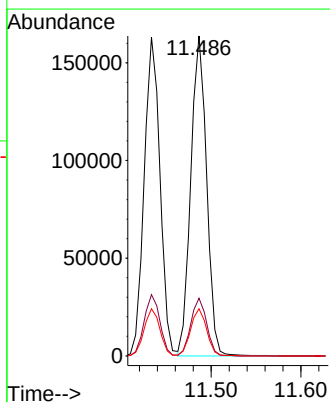
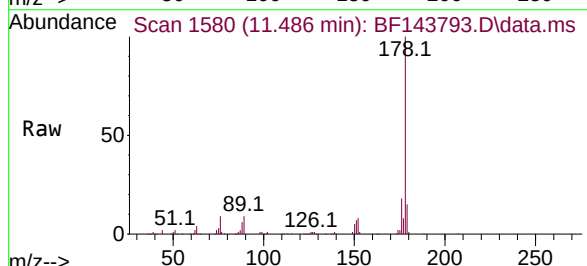
Tgt Ion:178 Resp: 200505

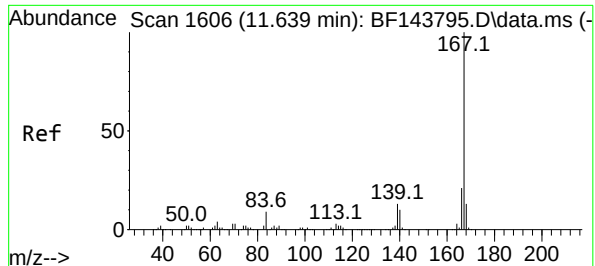
Ion Ratio Lower Upper

178 100

176 18.0 15.3 22.9

179 14.7 12.8 19.2

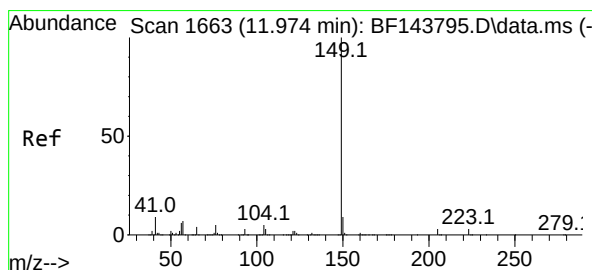
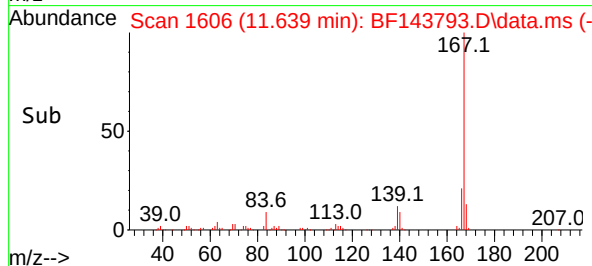
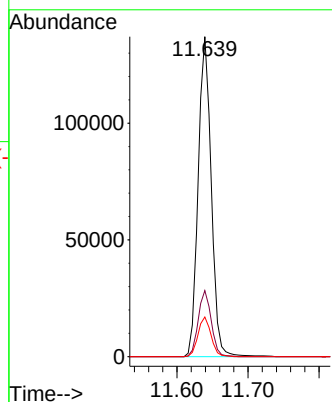
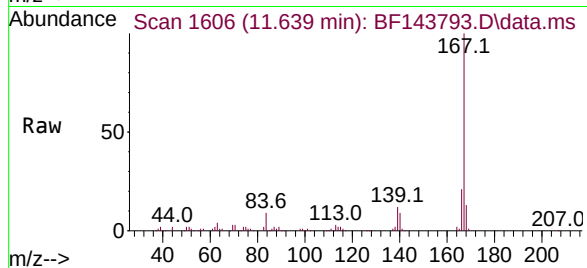




#73
Carbazole
Concen: 10.337 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

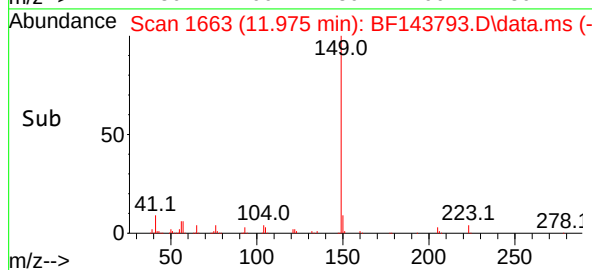
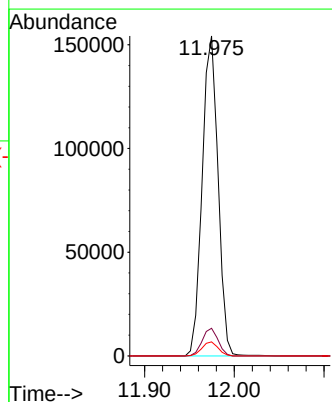
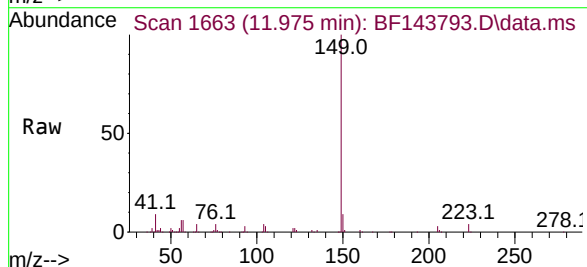
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

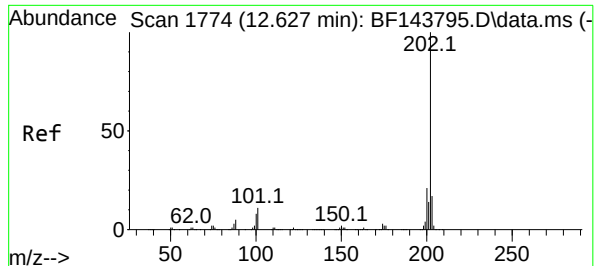
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.4	10.6	15.8



#74
Di-n-butylphthalate
Concen: 9.736 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	4.4	3.6	5.4

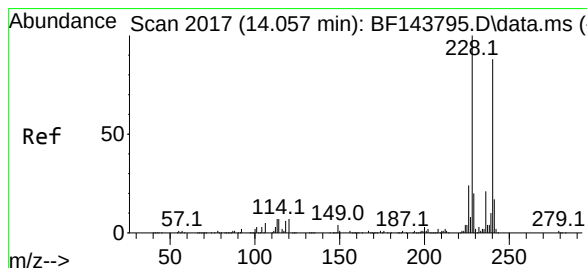
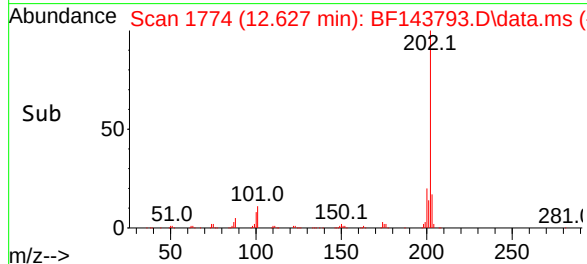
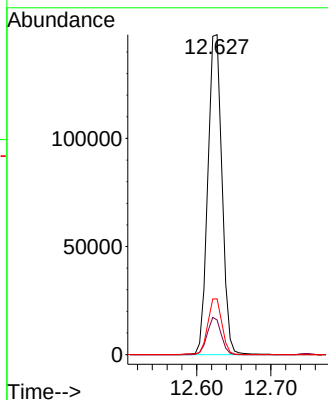
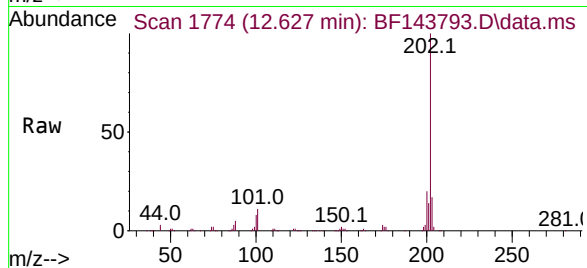




#75
Fluoranthene
Concen: 10.129 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

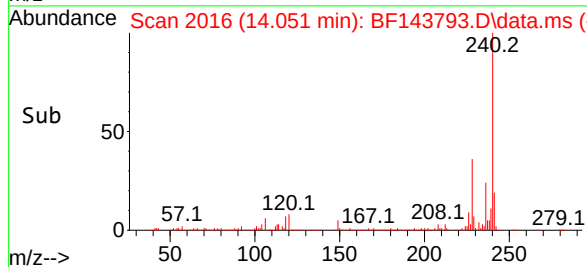
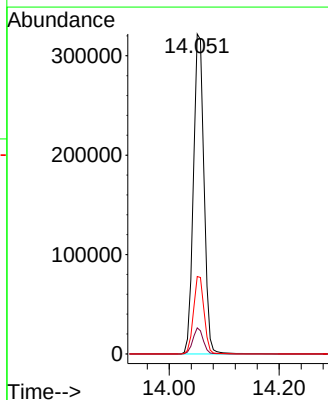
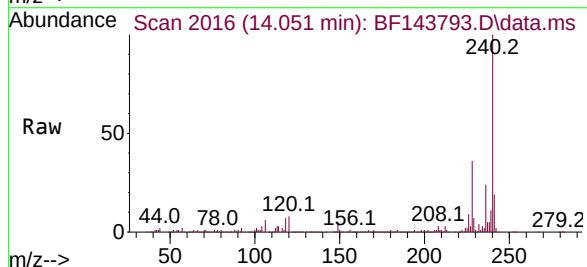
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

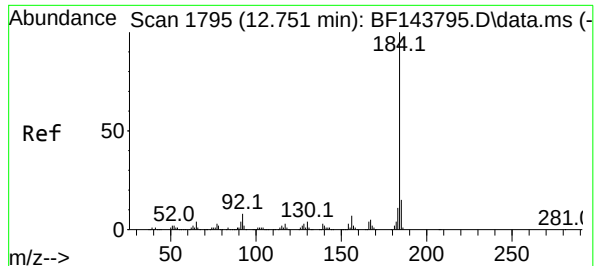
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	24.2	19.4	29.2





#77

Benzidine

Concen: 8.997 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

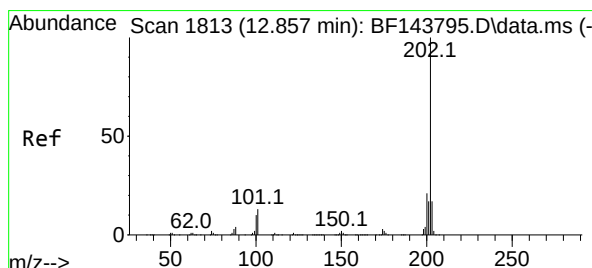
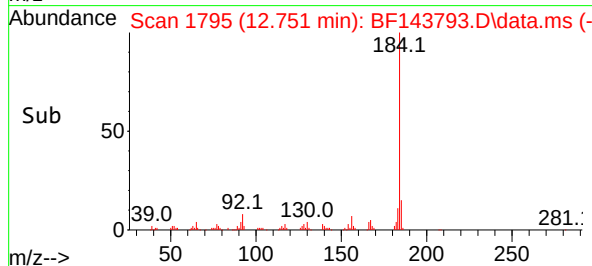
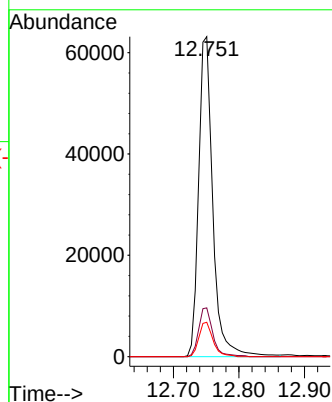
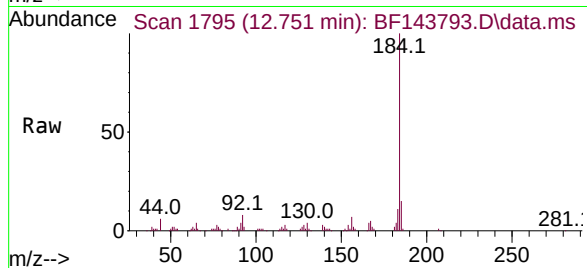
Tgt Ion:184 Resp: 94401

Ion Ratio Lower Upper

184 100

185 15.2 11.6 17.4

183 10.7 8.6 13.0



#78

Pyrene

Concen: 9.983 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

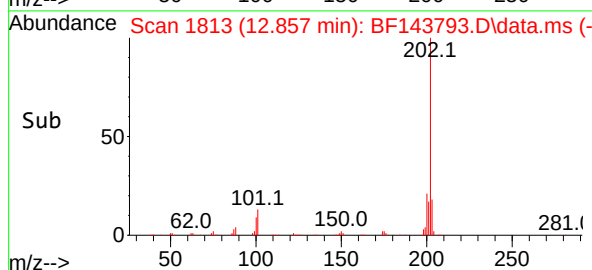
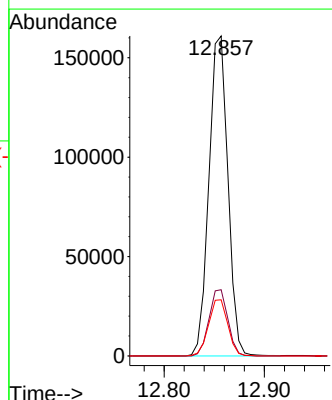
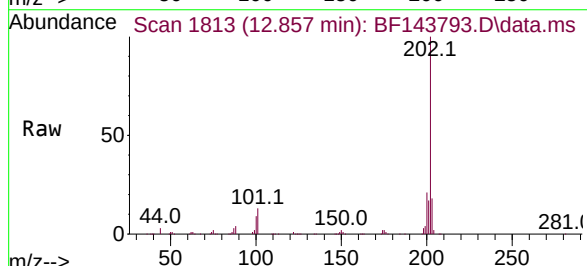
Tgt Ion:202 Resp: 211336

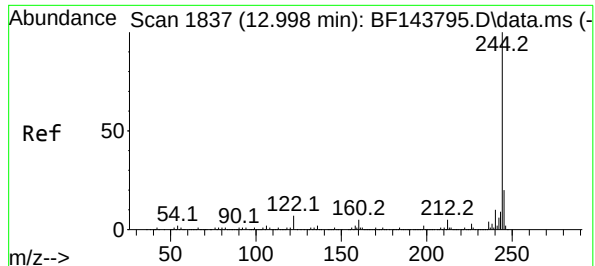
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

203 17.5 13.9 20.9

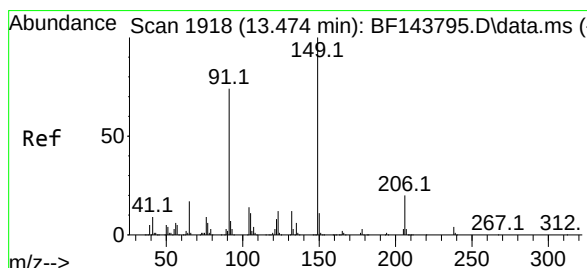
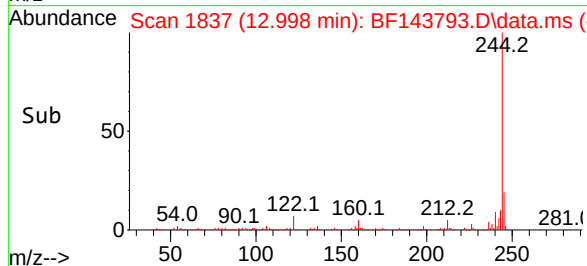
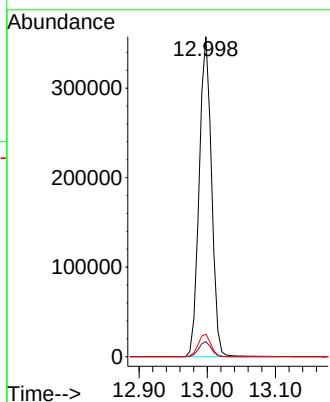
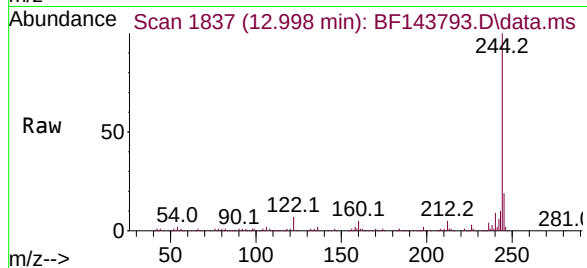




#79
Terphenyl-d14
Concen: 20.493 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

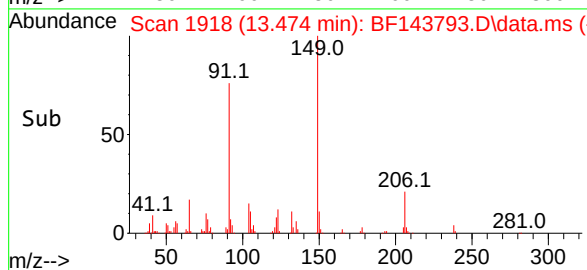
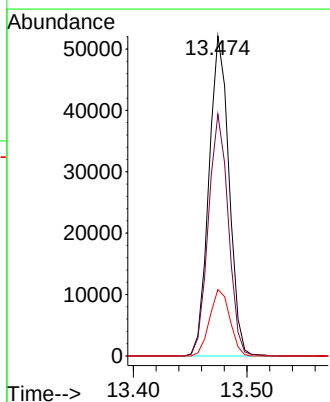
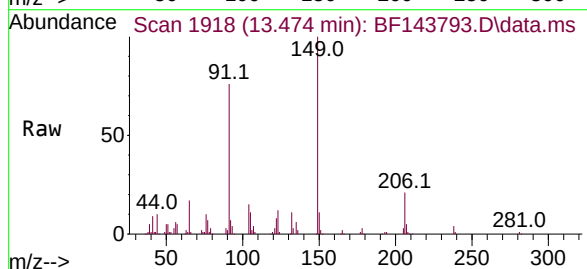
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

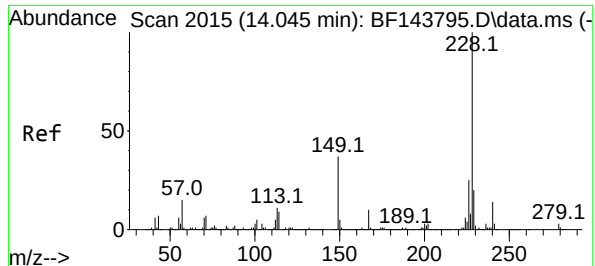
Tgt Ion:244 Resp: 449442
Ion Ratio Lower Upper
244 100
212 4.7 3.9 5.9
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 8.751 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 64090
Ion Ratio Lower Upper
149 100
91 75.5 59.5 89.3
206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 10.061 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

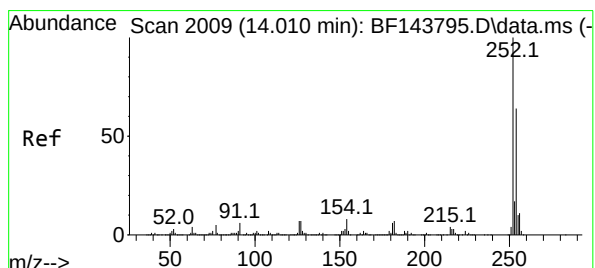
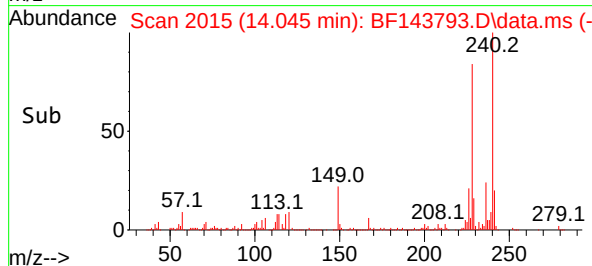
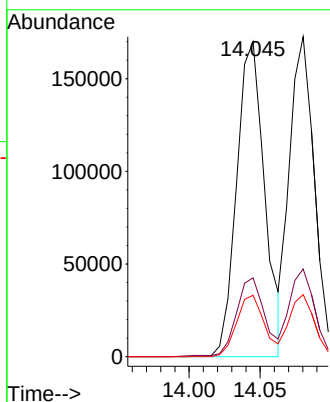
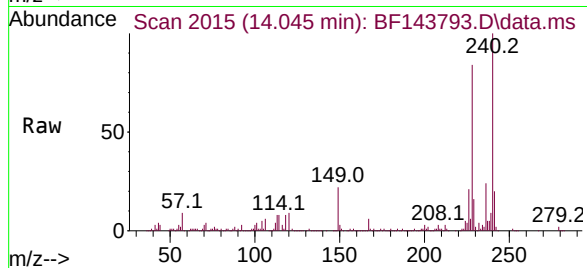
Tgt Ion:228 Resp: 232722

Ion Ratio Lower Upper

228 100

226 25.0 20.2 30.2

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 9.160 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

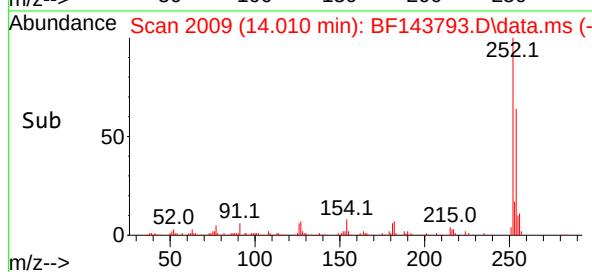
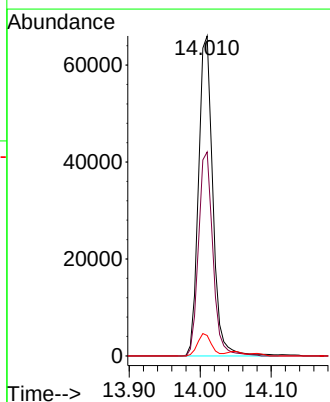
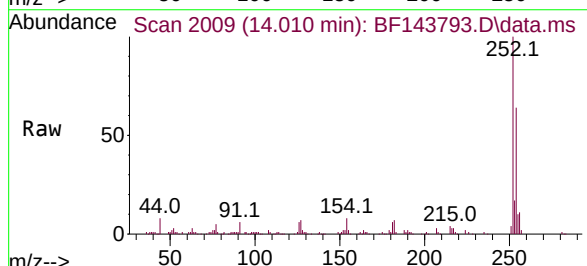
Tgt Ion:252 Resp: 91789

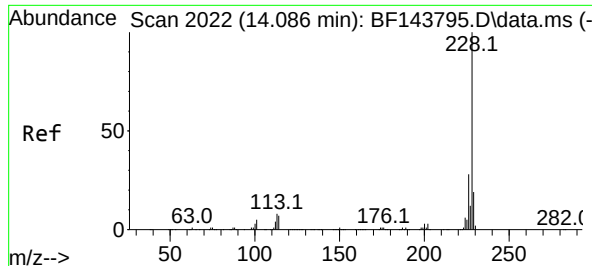
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 6.4 5.4 8.2





#83

Chrysene

Concen: 10.133 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

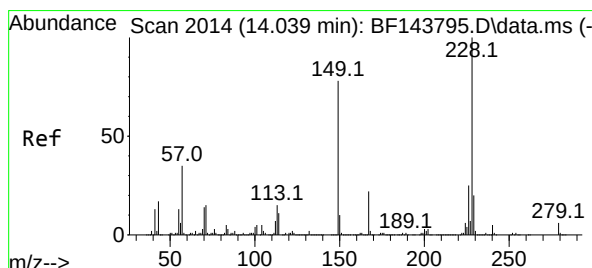
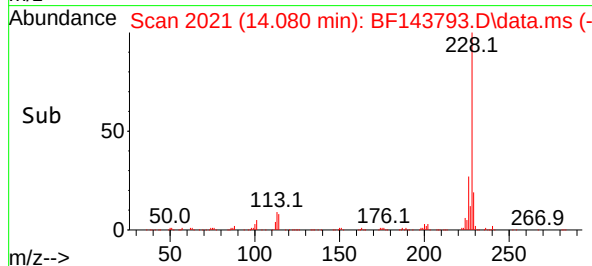
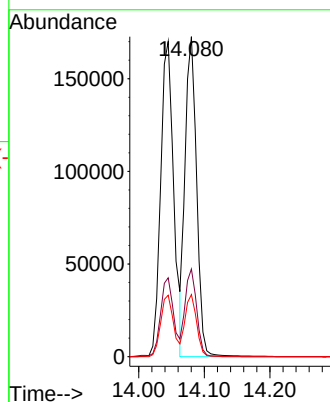
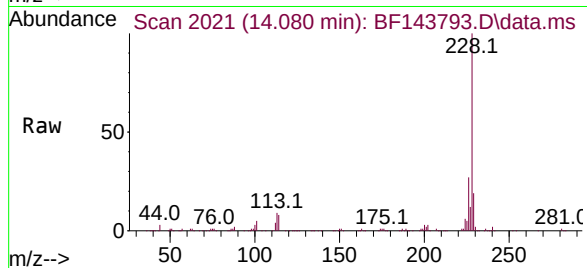
Tgt Ion:228 Resp: 212098

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.557 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

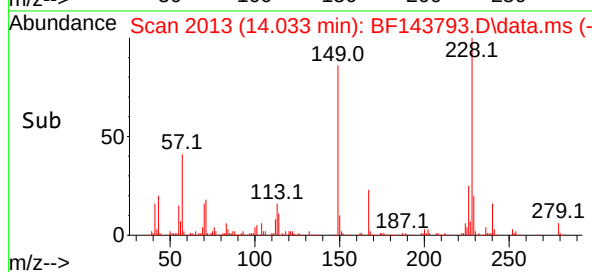
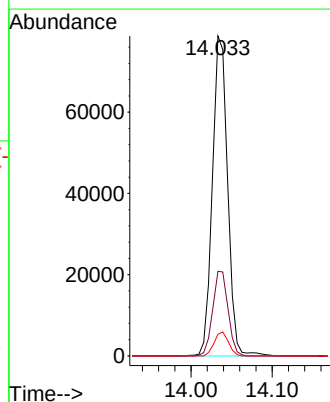
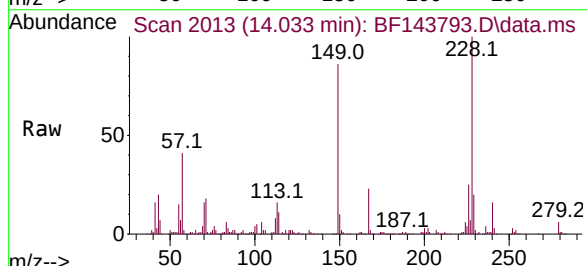
Tgt Ion:149 Resp: 102600

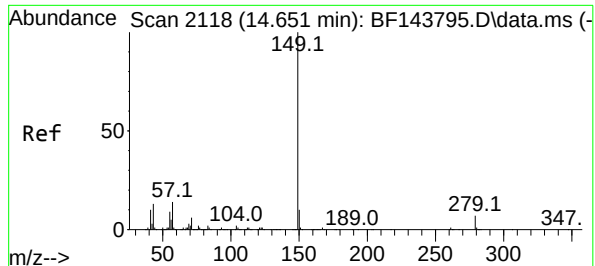
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

279 6.8 6.0 9.0

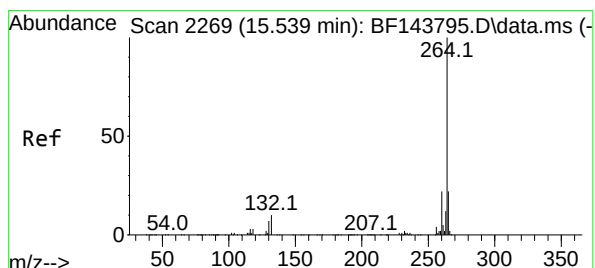
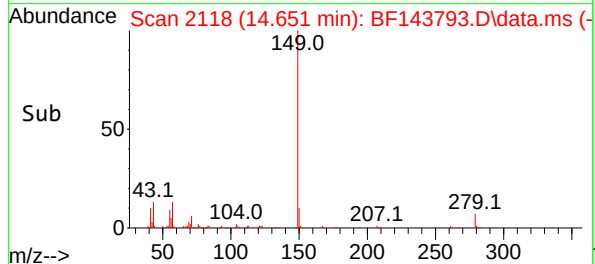
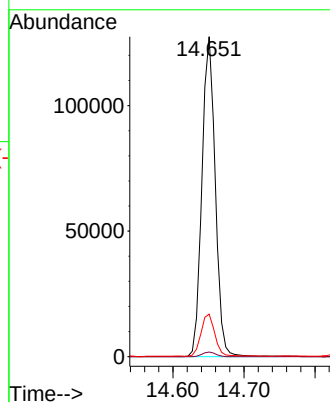
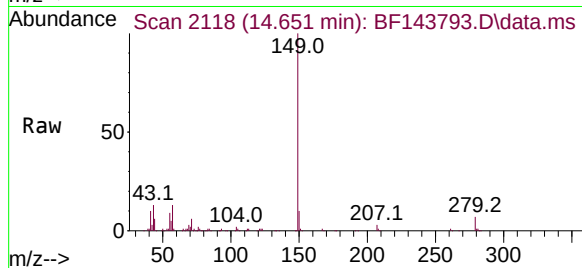




#85
Di-n-octyl phthalate
Concen: 8.482 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

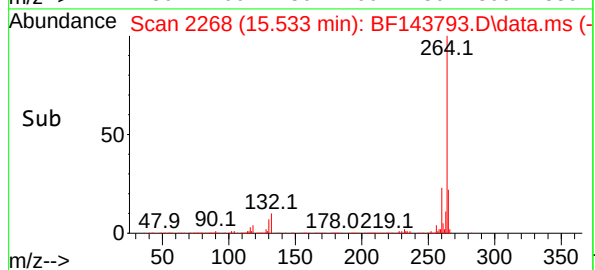
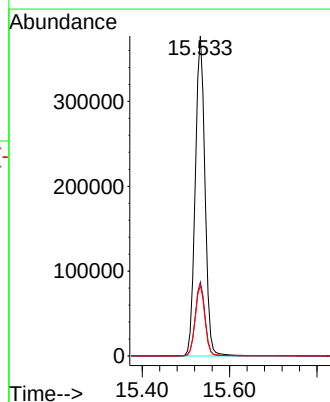
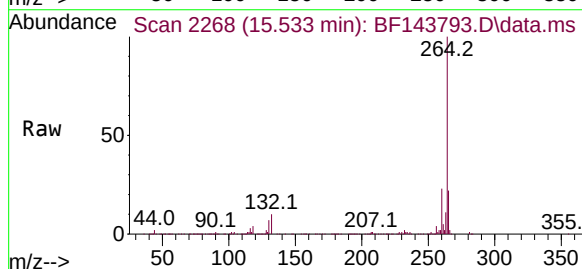
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

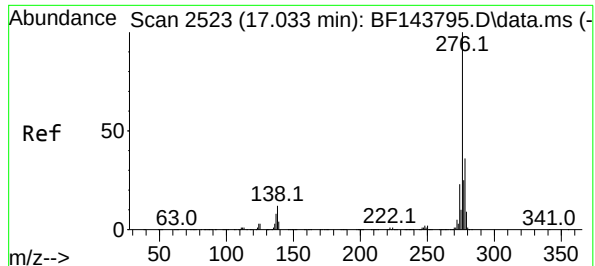
Tgt Ion:149 Resp: 165178
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:264 Resp: 582350
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.400 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

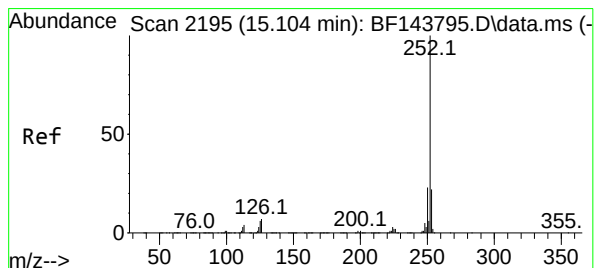
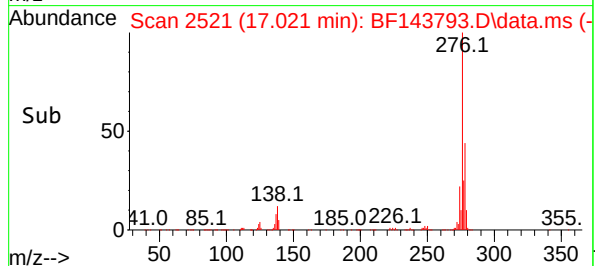
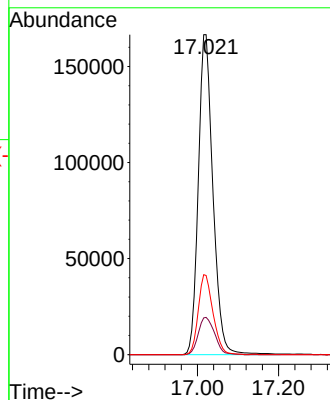
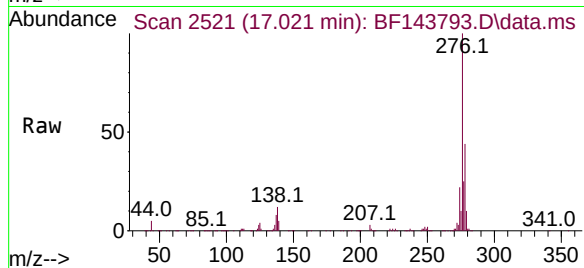
Tgt Ion:276 Resp: 415337

Ion Ratio Lower Upper

276 100

138 13.0 10.6 15.8

277 25.1 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 9.857 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

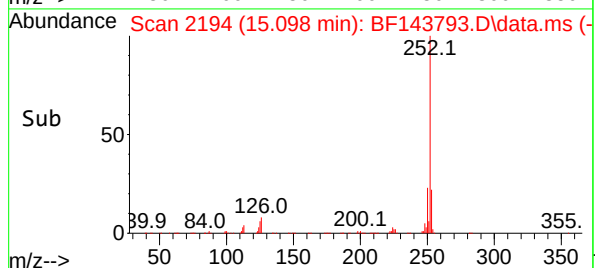
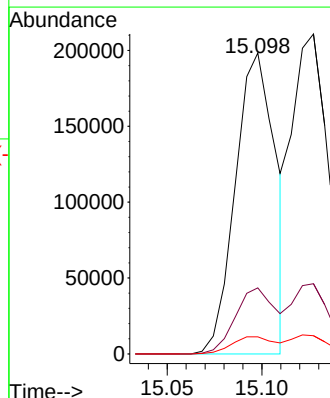
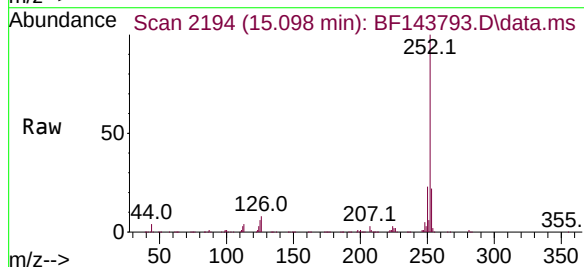
Tgt Ion:252 Resp: 292308

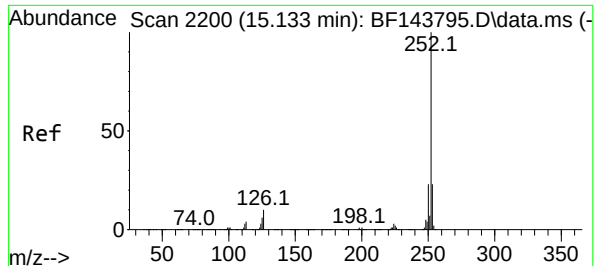
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.7 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 9.808 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

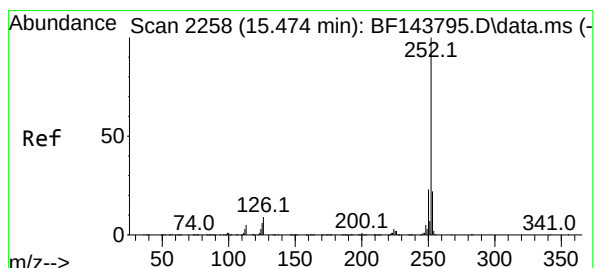
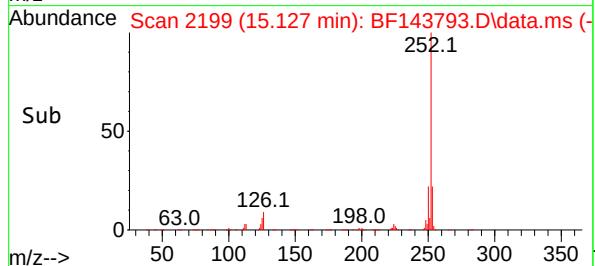
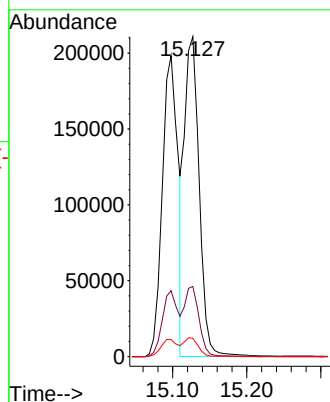
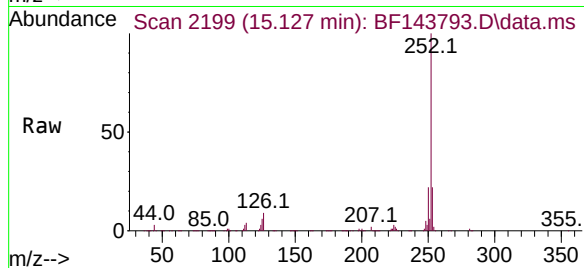
Tgt Ion:252 Resp: 292238

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 5.7 4.6 6.8



#90

Benzo(a)pyrene

Concen: 9.606 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

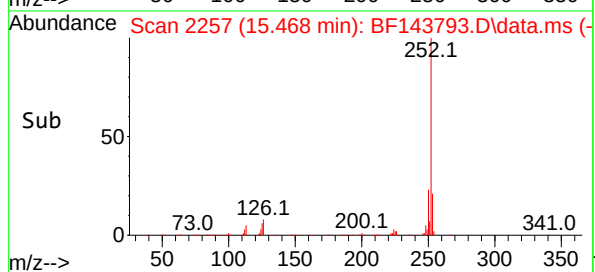
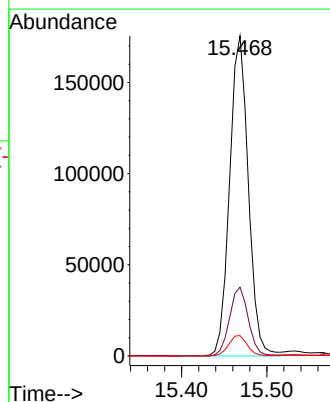
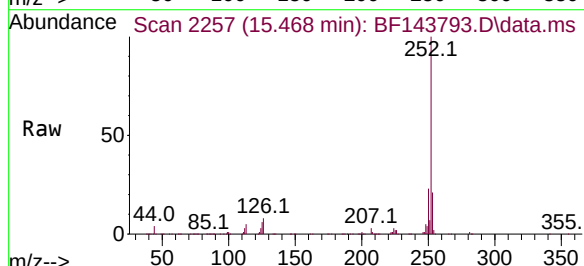
Tgt Ion:252 Resp: 267775

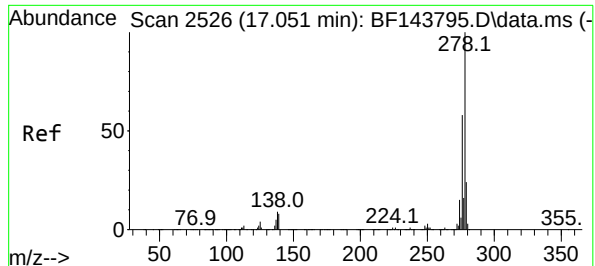
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.3 5.0 7.4

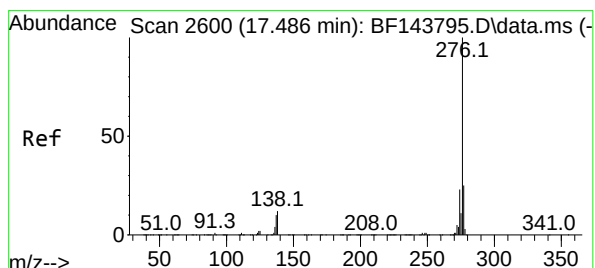
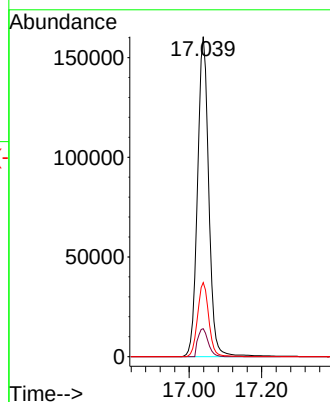
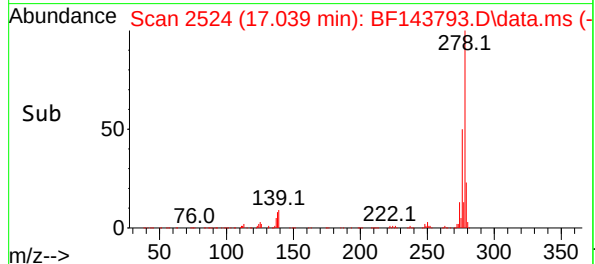
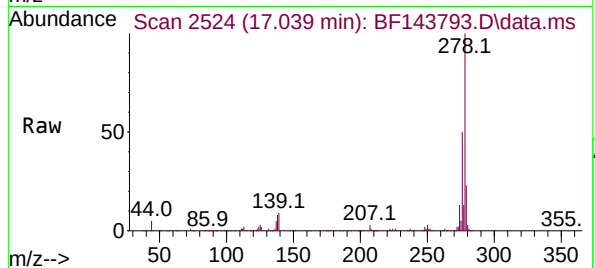




#91
Dibenzo(a,h)anthracene
Concen: 9.564 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.029 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

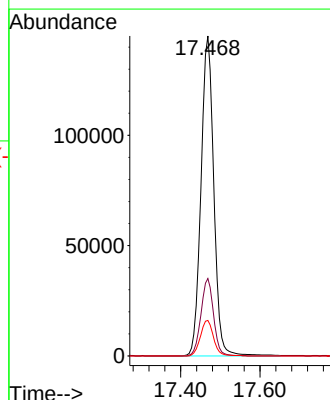
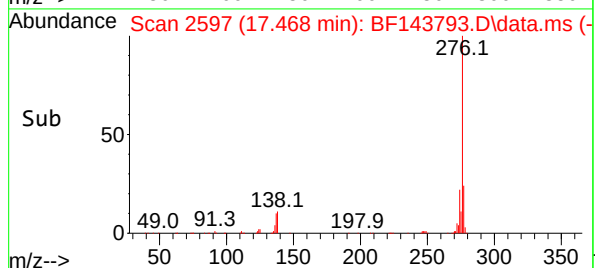
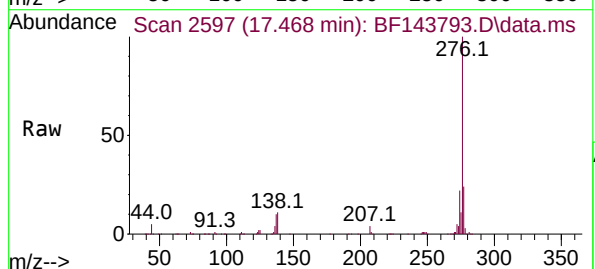
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 345636
Ion Ratio Lower Upper
278 100
139 8.7 6.7 10.1
279 23.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 9.329 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.035 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:276 Resp: 324982
Ion Ratio Lower Upper
276 100
277 24.2 19.6 29.4
138 11.1 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	123560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	446120	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213356	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331910	20.000	ng	0.00
76) Chrysene-d12	14.057	240	394143	20.000	ng	0.00
86) Perylene-d12	15.533	264	545751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327687	42.681	ng	-0.01
7) Phenol-d6	6.498	99	377986	41.720	ng	-0.01
23) Nitrobenzene-d5	7.445	82	302138	42.621	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138317	45.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	622849	43.140	ng	0.00
79) Terphenyl-d14	12.998	244	798420	39.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	73941	20.313	ng	99
3) Pyridine	3.399	79	200605	20.416	ng	98
4) n-Nitrosodimethylamine	3.328	42	100296	20.357	ng	98
6) Aniline	6.545	93	266602	20.904	ng	99
8) 2-Chlorophenol	6.663	128	164198	21.090	ng	98
9) Benzaldehyde	6.434	77	117654	15.290	ng	99
10) Phenol	6.510	94	214576m	21.008	ng	
11) bis(2-Chloroethyl)ether	6.616	93	166393	20.783	ng	99
12) 1,3-Dichlorobenzene	6.828	146	192258	21.268	ng	99
13) 1,4-Dichlorobenzene	6.904	146	191454	21.223	ng	100
14) 1,2-Dichlorobenzene	7.057	146	181008	21.185	ng	99
15) Benzyl Alcohol	7.016	79	132713	20.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	398403	20.985	ng	100
17) 2-Methylphenol	7.128	107	124617	20.674	ng	99
18) Hexachloroethane	7.398	117	67048	21.134	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	114449	20.254	ng	100
20) 3+4-Methylphenols	7.281	107	155211	21.145	ng	# 86
22) Acetophenone	7.293	105	208896	21.319	ng	97
24) Nitrobenzene	7.463	77	164815	20.402	ng	97
25) Isophorone	7.698	82	289674	20.396	ng	99
26) 2-Nitrophenol	7.781	139	55948	18.629	ng	97
27) 2,4-Dimethylphenol	7.810	122	129731	20.437	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	191947	20.802	ng	100
29) 2,4-Dichlorophenol	8.016	162	128651	20.597	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	135810	20.952	ng	99
31) Naphthalene	8.187	128	455060	21.308	ng	100
32) Benzoic acid	7.875	122	40592	13.254	ng	97
33) 4-Chloroaniline	8.234	127	157439	20.978	ng	99
34) Hexachlorobutadiene	8.310	225	99520	20.595	ng	99
35) Caprolactam	8.575	113	30948	19.385	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121067	20.667	ng	97
37) 2-Methylnaphthalene	8.881	142	286790	21.060	ng	98
38) 1-Methylnaphthalene	8.981	142	272276	20.889	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	135689	21.074	ng	99
41) Hexachlorocyclopentadiene	9.034	237	79092	19.382	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	82341	20.423	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	89458	21.213	ng	97
46) 1,1'-Biphenyl	9.345	154	333743	21.610	ng	98
47) 2-Chloronaphthalene	9.369	162	265169	21.330	ng	99
48) 2-Nitroaniline	9.457	65	75737	20.157	ng	95
49) Acenaphthylene	9.781	152	362739	21.195	ng	99
50) Dimethylphthalate	9.634	163	267211	20.548	ng	99
51) 2,6-Dinitrotoluene	9.698	165	42291	19.794	ng	93
52) Acenaphthene	9.957	154	239533	21.268	ng	99
53) 3-Nitroaniline	9.869	138	52183	20.150	ng	96
54) 2,4-Dinitrophenol	9.969	184	8519	16.759	ng	# 1
55) Dibenzofuran	10.128	168	339308	21.305	ng	99
56) 4-Nitrophenol	10.016	139	36150	17.322	ng	98
57) 2,4-Dinitrotoluene	10.098	165	54137	18.952	ng	93
58) Fluorene	10.469	166	253897	21.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	74485	20.618	ng	# 98
60) Diethylphthalate	10.339	149	250459	20.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	128143	21.242	ng	99
62) 4-Nitroaniline	10.475	138	48558	19.941	ng	98
63) Azobenzene	10.622	77	265823	20.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	15499	17.632	ng	94
66) n-Nitrosodiphenylamine	10.581	169	228456	20.930	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	115749	20.464	ng	99
68) Hexachlorobenzene	11.022	284	162113	20.797	ng	98
69) Atrazine	11.104	200	65580	20.747	ng	98
70) Pentachlorophenol	11.210	266	71585	18.449	ng	99
71) Phenanthrene	11.433	178	355364	20.854	ng	100
72) Anthracene	11.486	178	361245	21.135	ng	99
73) Carbazole	11.639	167	314908	21.072	ng	99
74) Di-n-butylphthalate	11.975	149	356883	20.764	ng	99
75) Fluoranthene	12.627	202	364772	21.284	ng	99
77) Benzidine	12.745	184	174994	18.220	ng	100
78) Pyrene	12.857	202	390517	20.153	ng	99
80) Butylbenzylphthalate	13.474	149	131846	19.666	ng	99
81) Benzo(a)anthracene	14.045	228	426715	20.153	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	183227	19.974	ng	100
83) Chrysene	14.080	228	392431	20.482	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	202632	20.620	ng	99
85) Di-n-octyl phthalate	14.651	149	345757	19.397	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	862284	20.824	ng	100
88) Benzo(b)fluoranthene	15.098	252	561825	20.215	ng	99
89) Benzo(k)fluoranthene	15.127	252	589201	21.102	ng	99
90) Benzo(a)pyrene	15.468	252	539579	20.654	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	710542	20.980	ng	99
92) Benzo(g,h,i)perylene	17.474	276	673228	20.621	ng	99

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

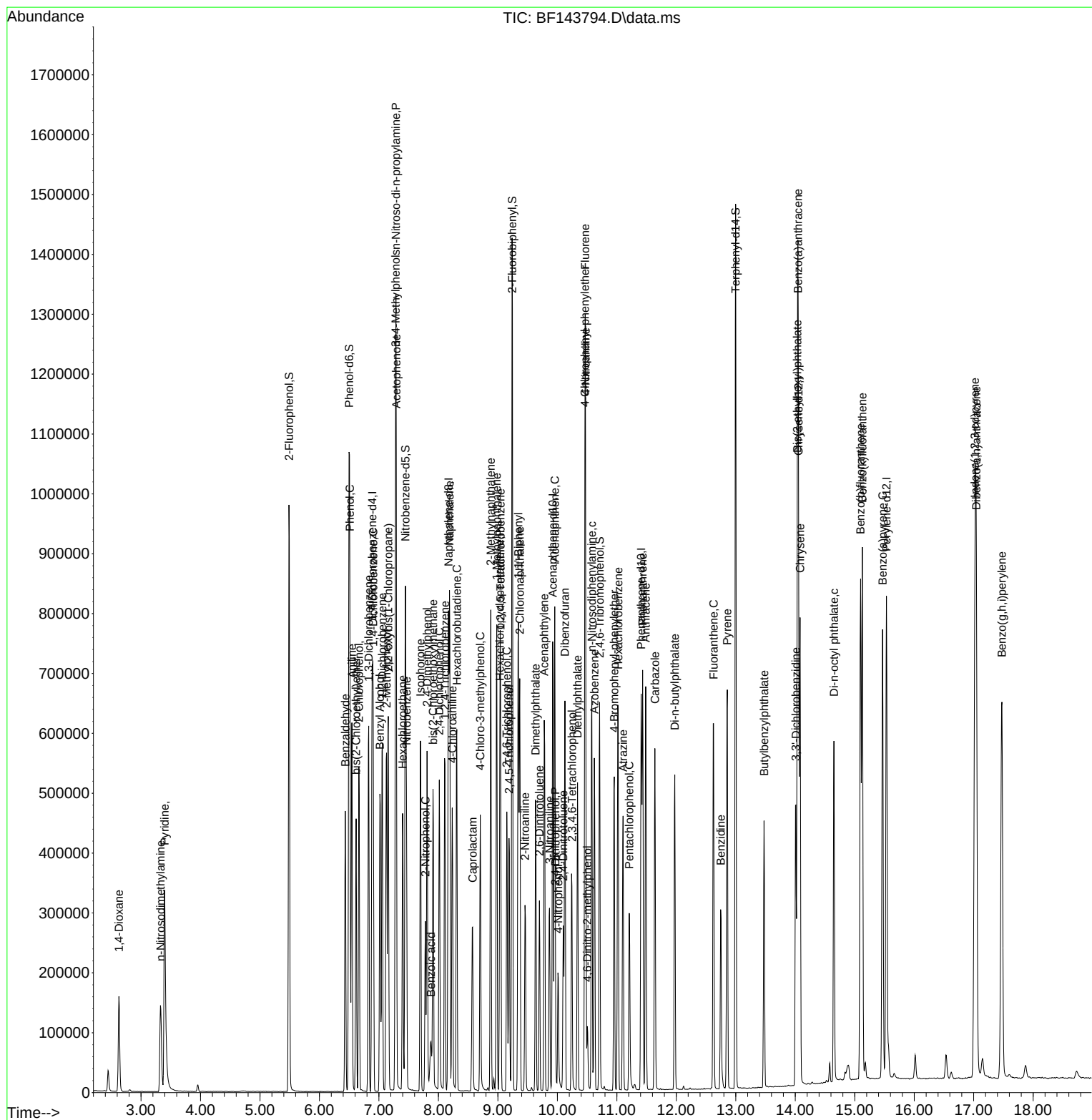
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Data File : BF143794.D
Acq On : 23 Sep 2025 12:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

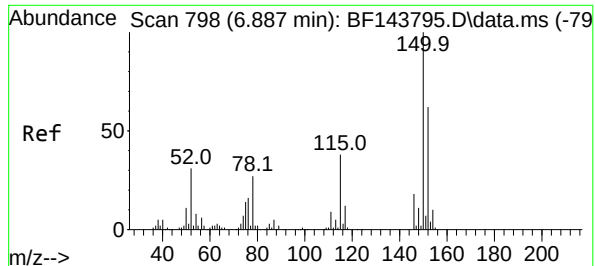
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

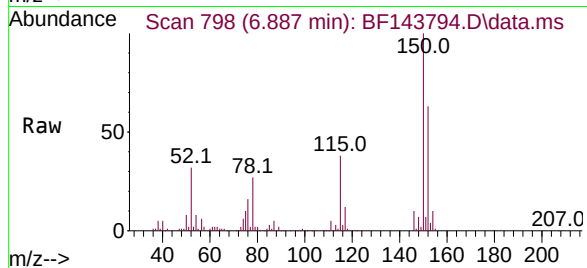
Quant Time: Sep 23 17:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

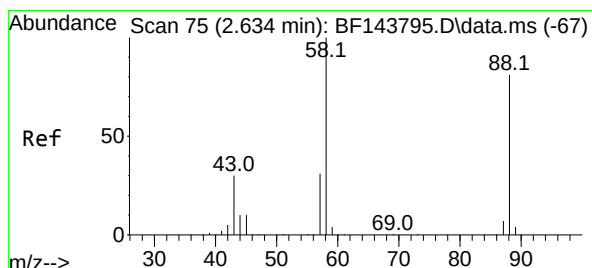
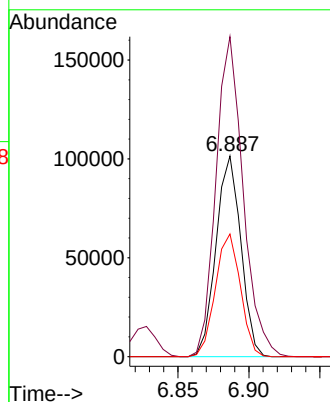
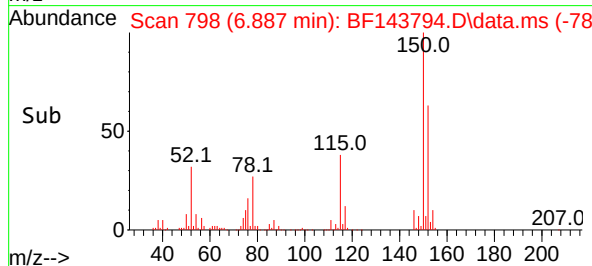
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 123560
Ion Ratio Lower Upper
152 100
150 159.6 129.6 194.4
115 61.2 49.0 73.4

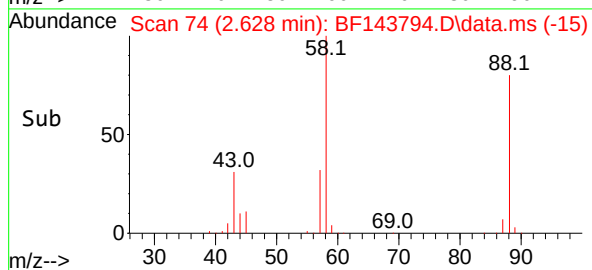
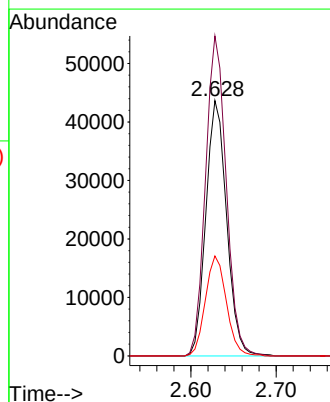
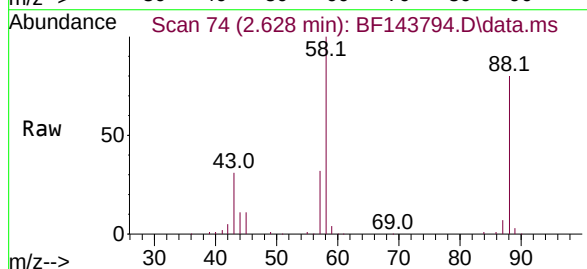
Manual Integrations
APPROVED

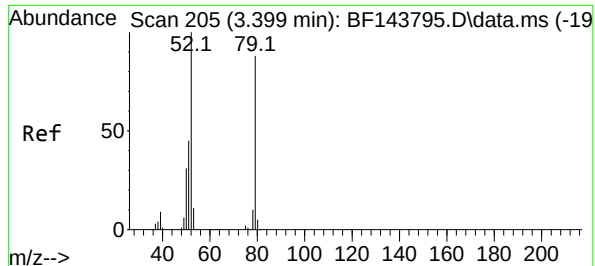
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 20.313 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 88 Resp: 73941
Ion Ratio Lower Upper
88 100
58 124.8 99.4 149.2
43 39.5 30.6 45.8





#3

Pyridine

Concen: 20.416 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 200605

Ion Ratio Lower Upper

79 100

52 110.6 90.5 135.7

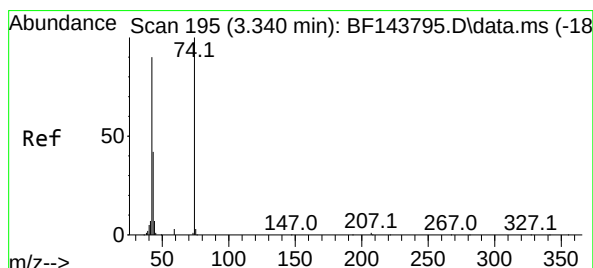
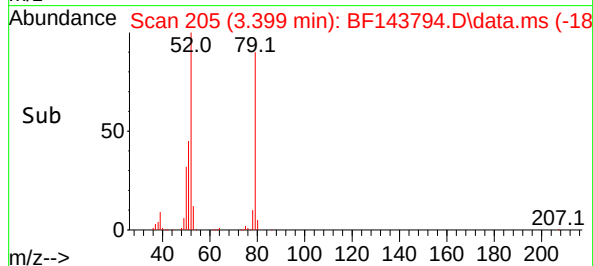
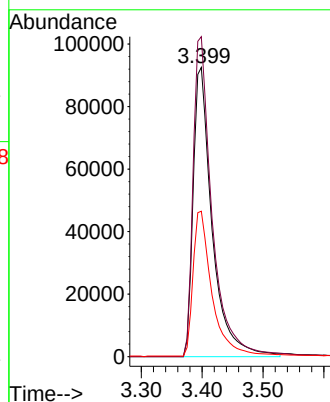
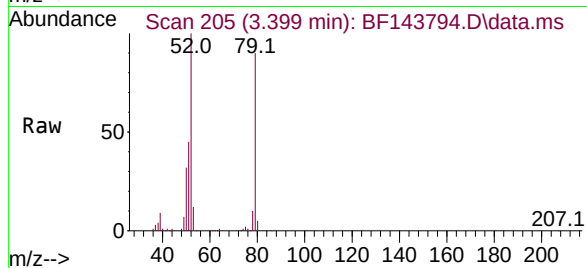
51 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#4

n-Nitrosodimethylamine

Concen: 20.357 ng

RT: 3.328 min Scan# 193

Delta R.T. -0.029 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

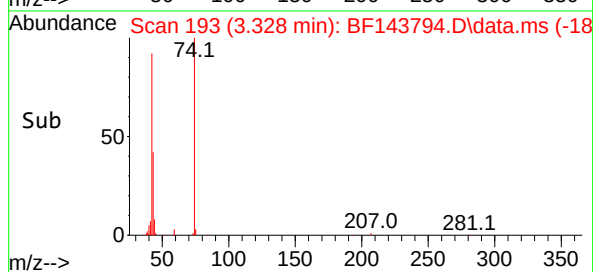
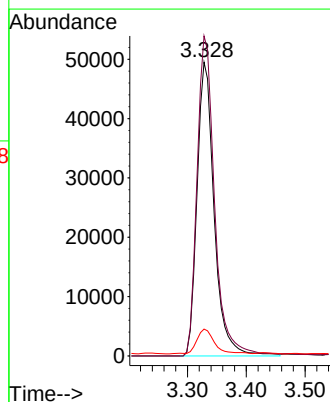
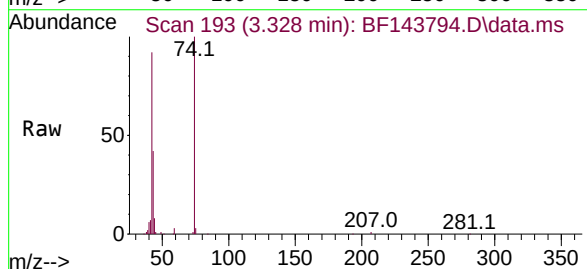
Tgt Ion: 42 Resp: 100296

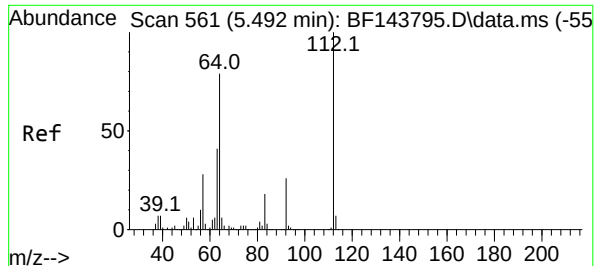
Ion Ratio Lower Upper

42 100

74 108.9 89.1 133.7

44 9.1 6.4 9.6





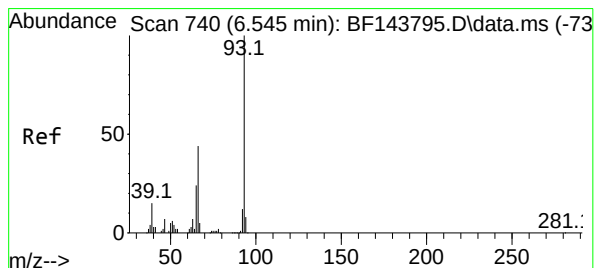
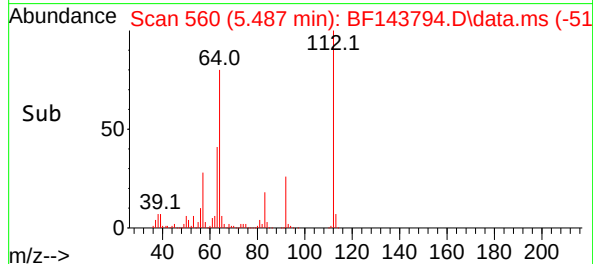
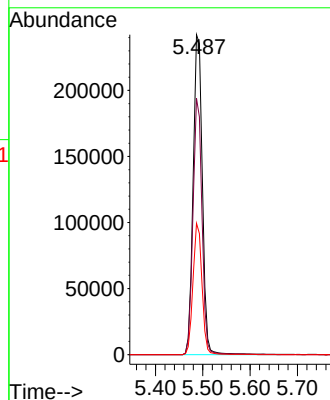
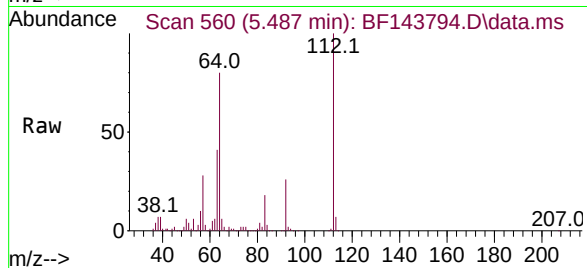
#5
2-Fluorophenol
Concen: 42.681 ng
RT: 5.487 min Scan# 561
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 32768
Ion Ratio Lower Upper
112 100
64 80.1 63.0 94.4
63 41.0 32.6 49.0

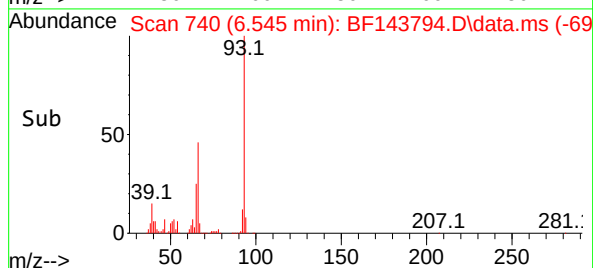
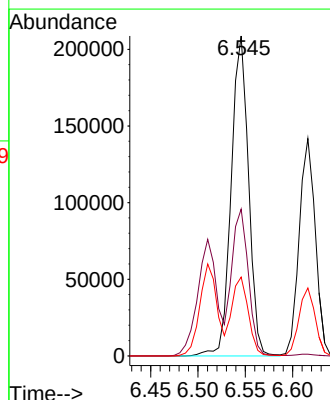
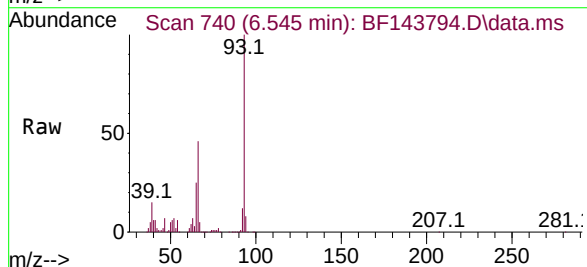
Manual Integrations
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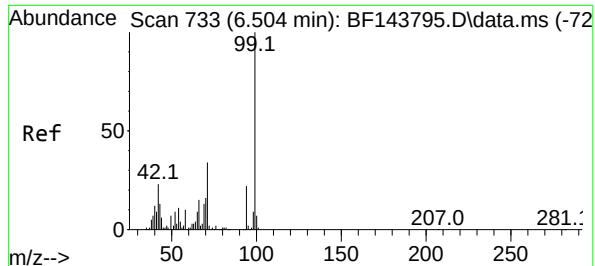
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 20.904 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

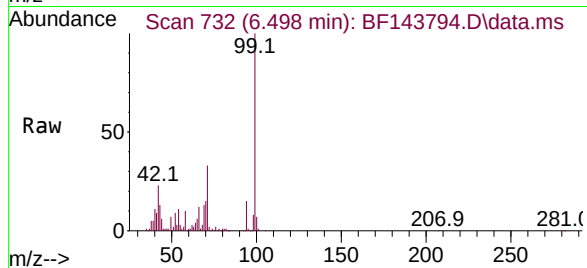
Tgt Ion: 93 Resp: 266602
Ion Ratio Lower Upper
93 100
66 45.9 37.1 55.7
65 24.6 19.4 29.0





#7
Phenol-d6
Concen: 41.720 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

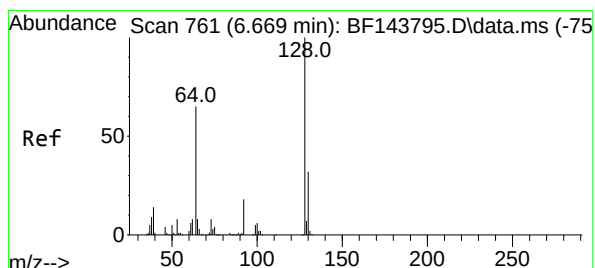
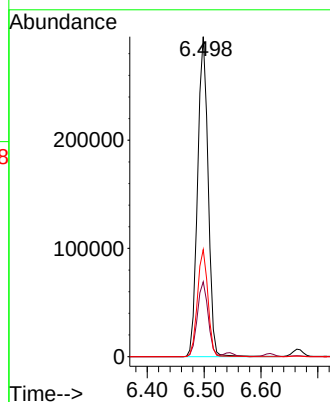
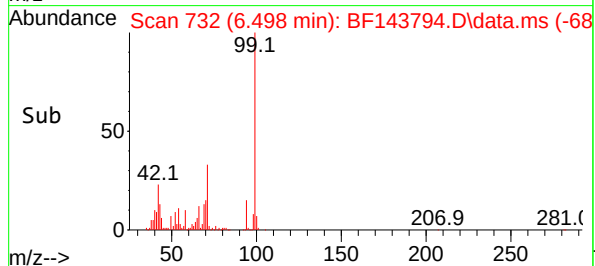
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 377986
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 33.4 27.0 40.4

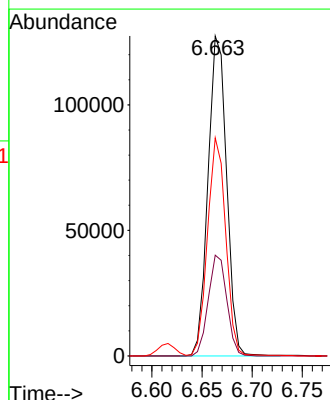
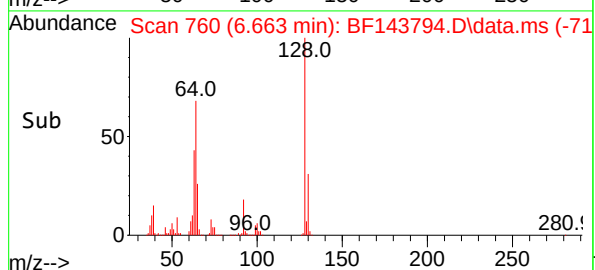
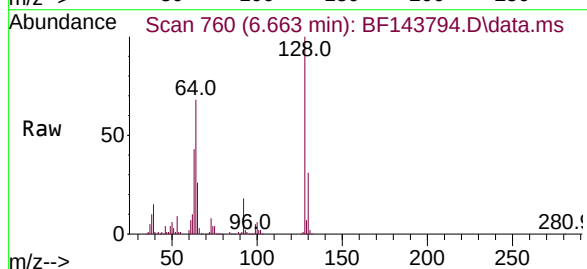
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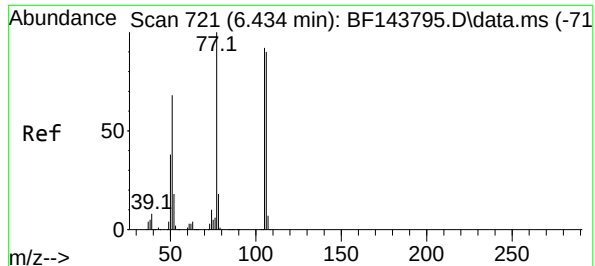
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 21.090 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:128 Resp: 164198
Ion Ratio Lower Upper
128 100
130 31.5 12.2 52.2
64 68.1 46.5 86.5





#9

Benzaldehyde

Concen: 15.290 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143794.D

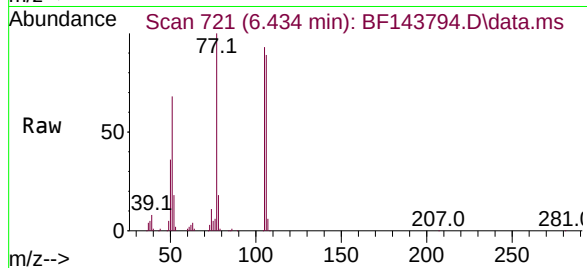
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



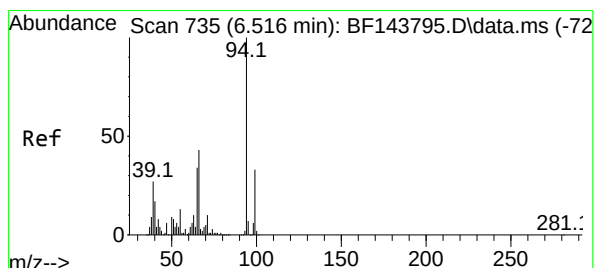
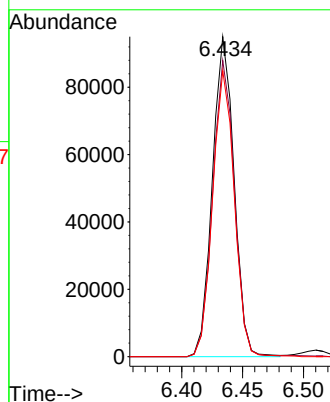
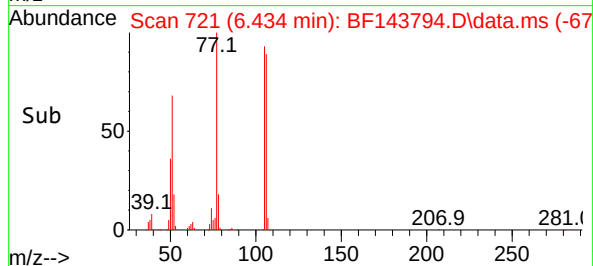
Tgt Ion:	77	Resp:	117654
Ion	Ratio	Lower	Upper
77	100		
105	92.5	71.8	111.8
106	89.3	69.8	109.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

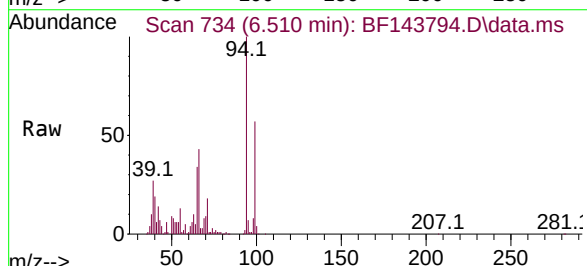
Concen: 21.008 ng m

RT: 6.510 min Scan# 734

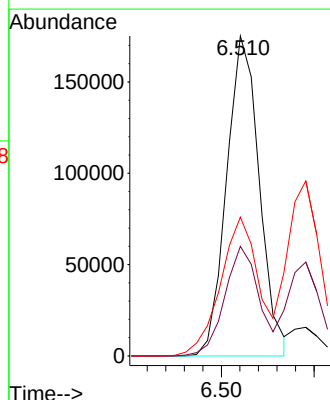
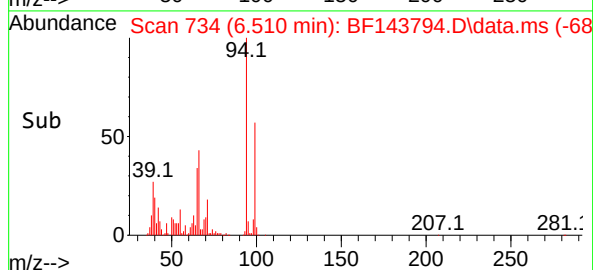
Delta R.T. -0.018 min

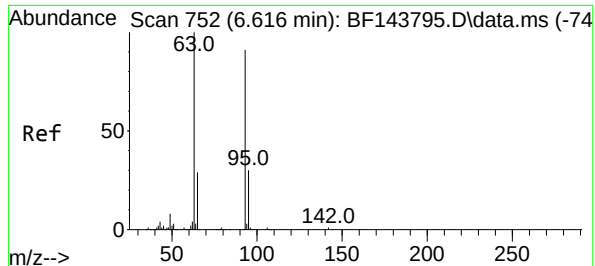
Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



Tgt Ion:	94	Resp:	214576
Ion	Ratio	Lower	Upper
94	100		
65	34.2	14.2	54.2
66	43.4	24.1	64.1





#11

bis(2-Chloroethyl)ether

Concen: 20.783 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 166393

Ion Ratio Lower Upper

93 100

63 108.0 89.2 129.2

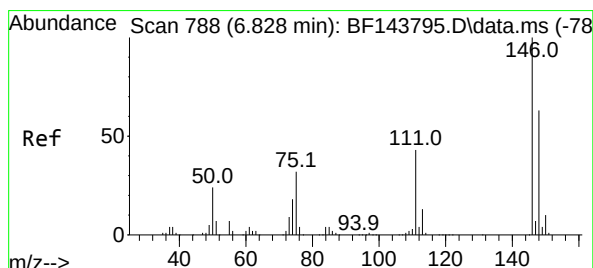
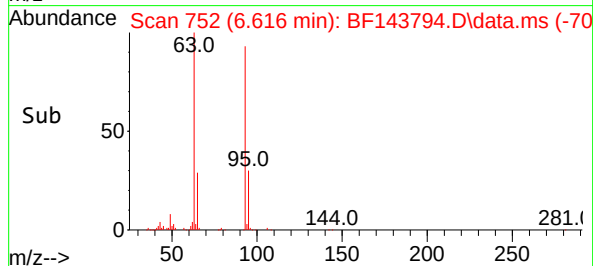
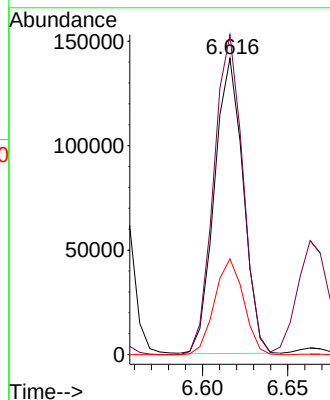
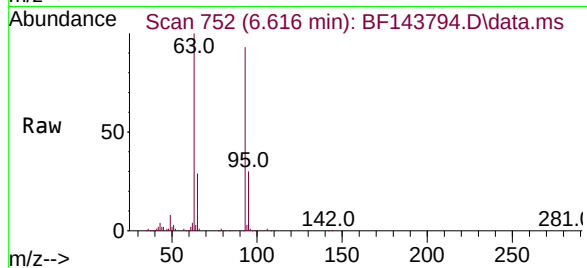
95 32.3 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 21.268 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

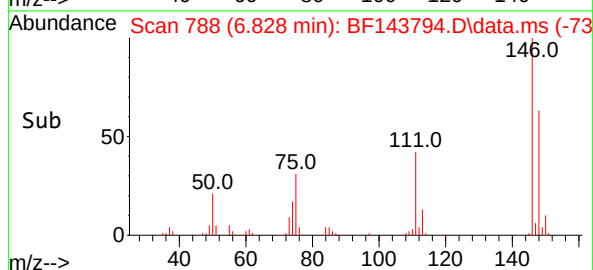
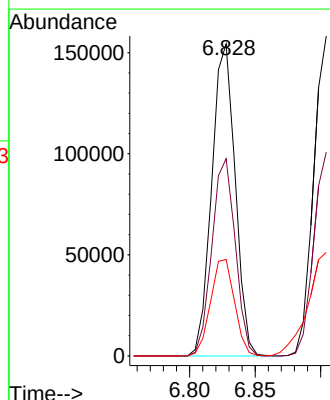
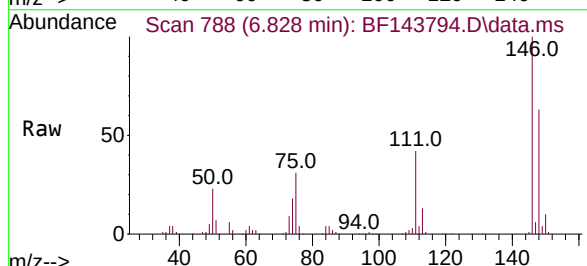
Tgt Ion:146 Resp: 192258

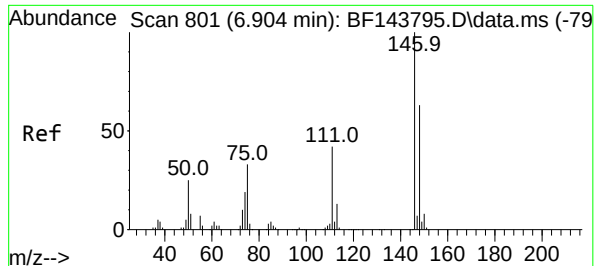
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

75 30.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 21.223 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 191454

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

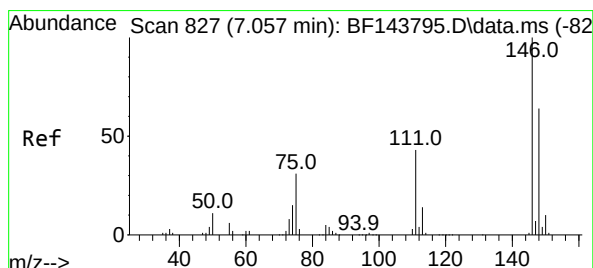
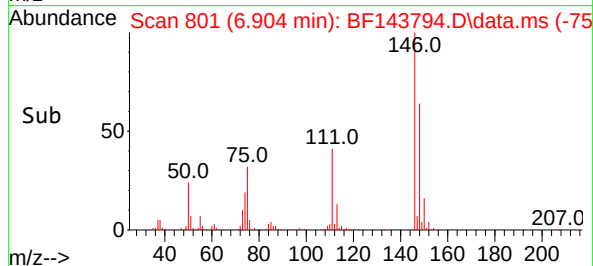
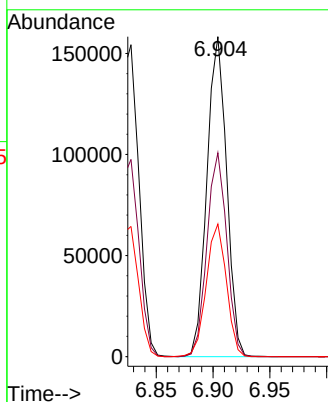
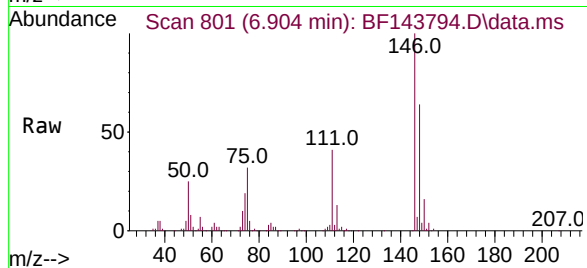
111 41.4 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 21.185 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

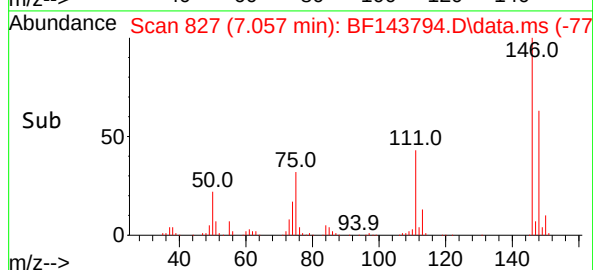
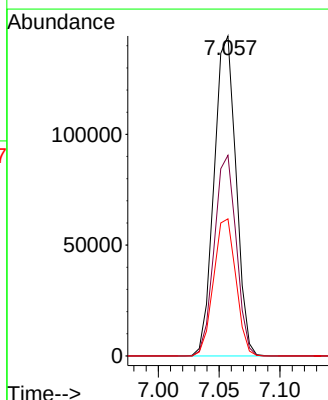
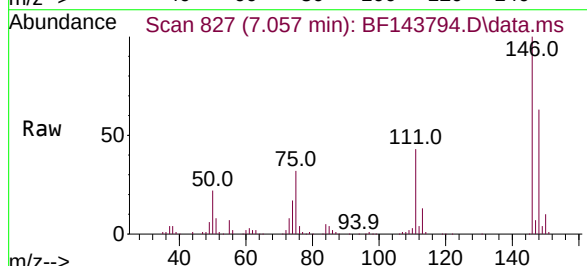
Tgt Ion:146 Resp: 181008

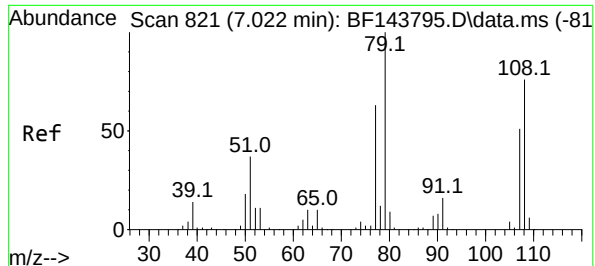
Ion Ratio Lower Upper

146 100

148 62.7 51.1 76.7

111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 20.902 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 132713

Ion Ratio Lower Upper

79 100

108 74.3 60.5 90.7

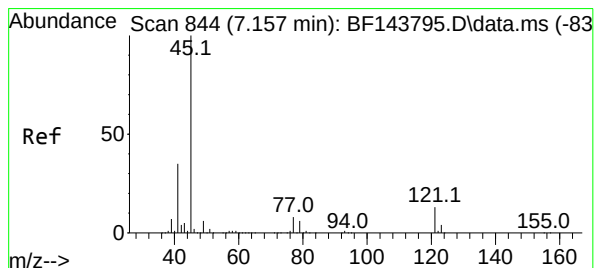
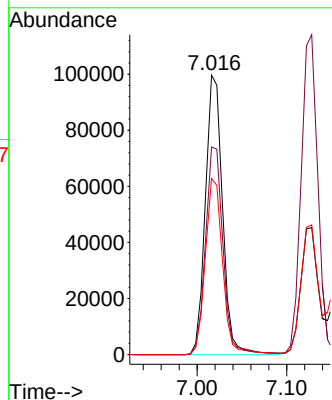
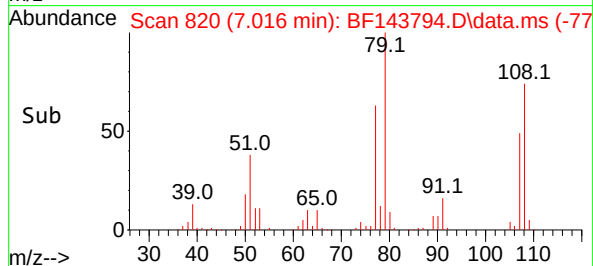
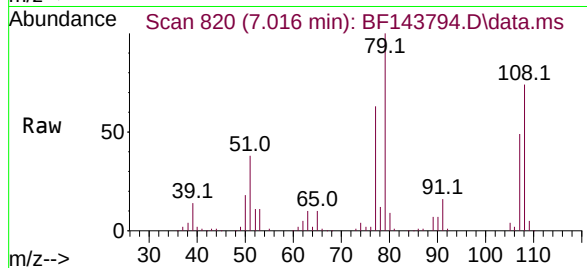
77 63.1 50.3 75.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.985 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

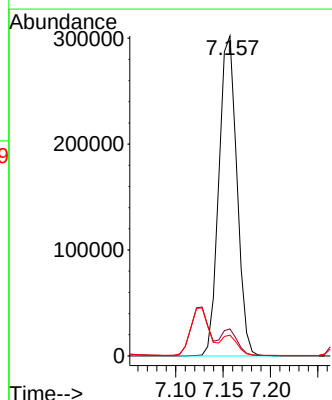
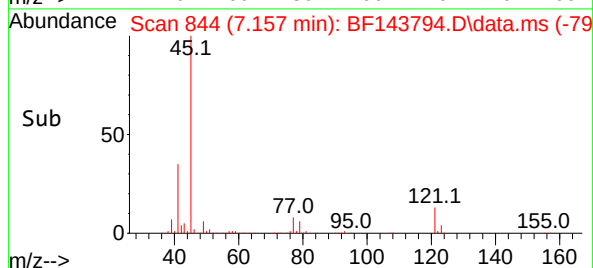
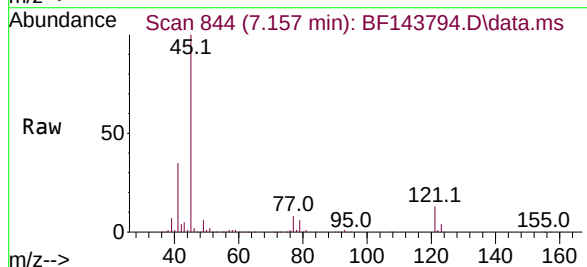
Tgt Ion: 45 Resp: 398403

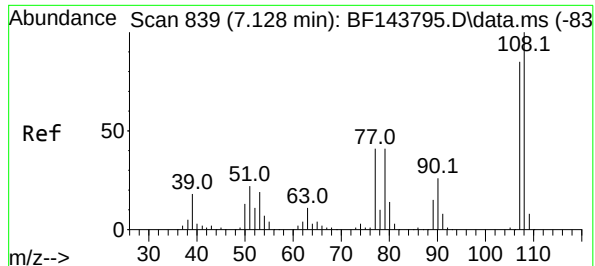
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.5

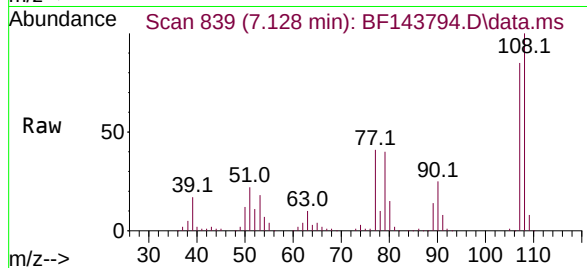
79 6.5 0.0 26.3





#17
2-Methylphenol
Concen: 20.674 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

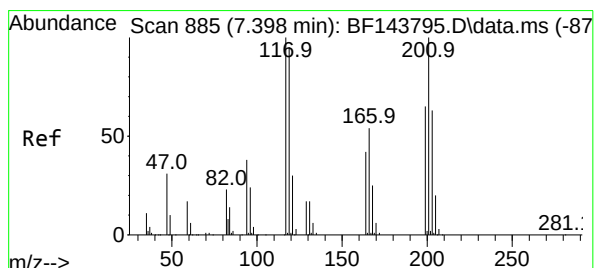
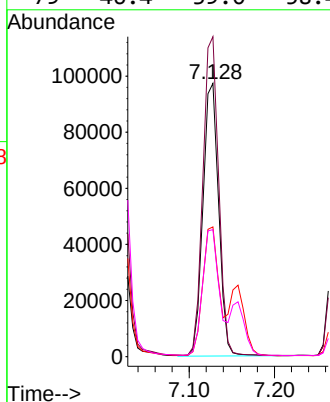
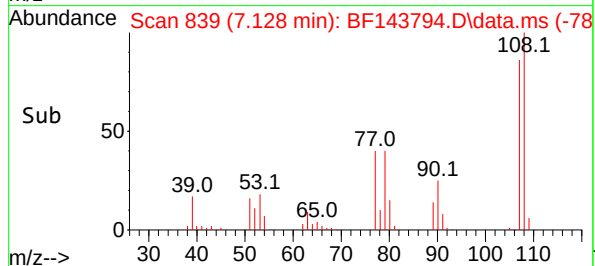
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



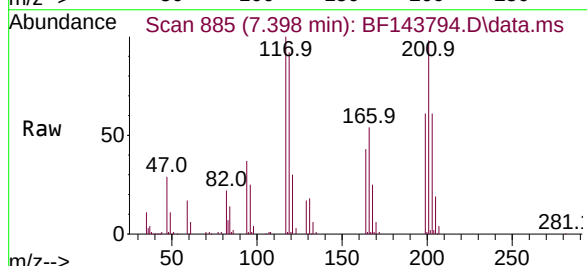
Tgt Ion:107 Resp: 124617
Ion Ratio Lower Upper
107 100
108 117.1 94.2 141.4
77 47.4 38.6 58.0
79 46.4 39.0 58.4

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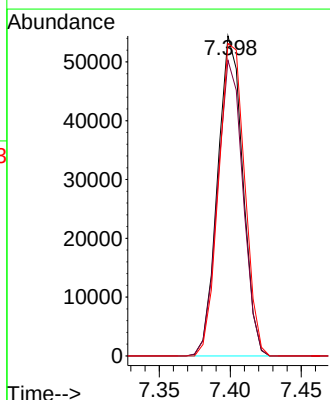
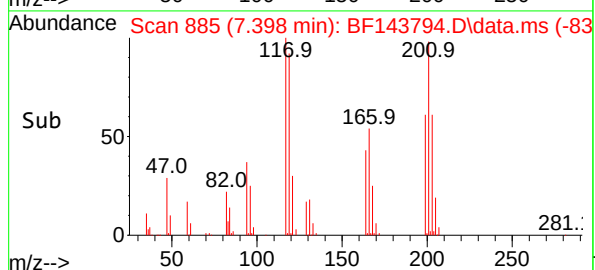
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

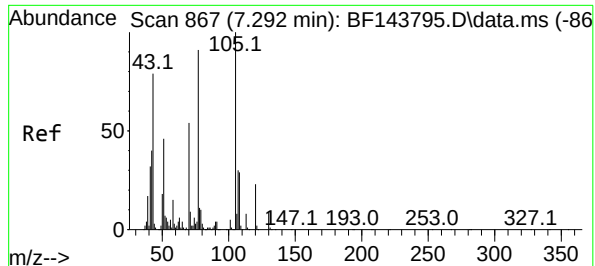


#18
Hexachloroethane
Concen: 21.134 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:117 Resp: 67048
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.2
201 97.6 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 20.254 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 114449

Ion Ratio Lower Upper

70 100

42 74.5 59.4 89.0

101 9.0 7.1 10.7

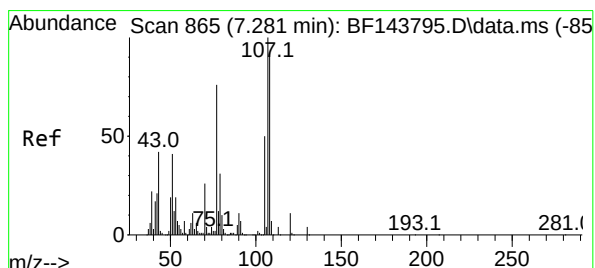
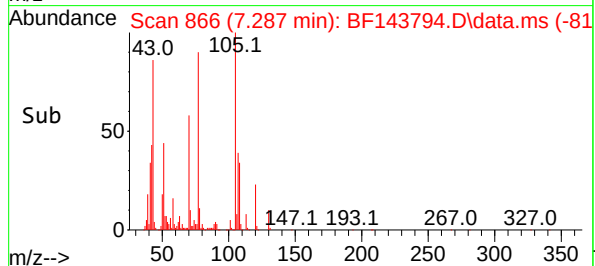
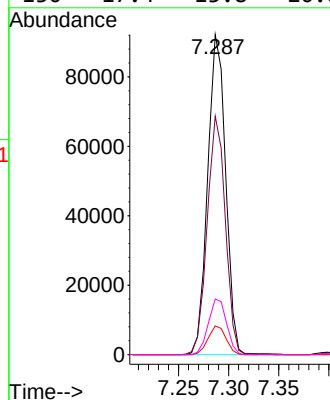
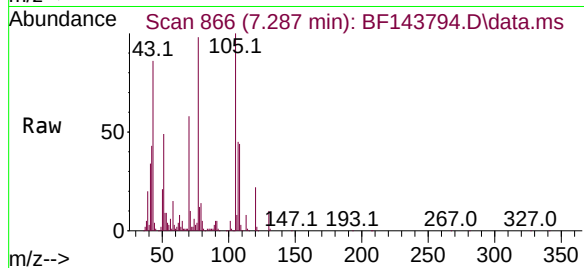
130 17.4 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 21.145 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Tgt Ion:107 Resp: 155211

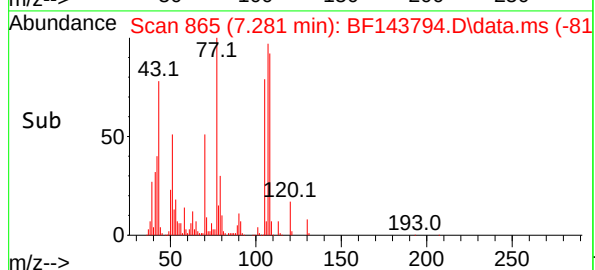
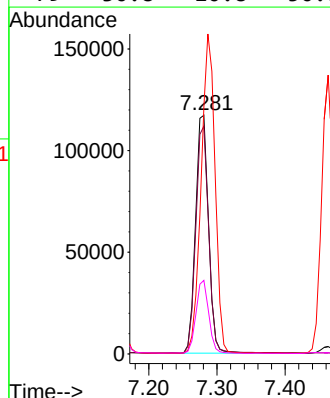
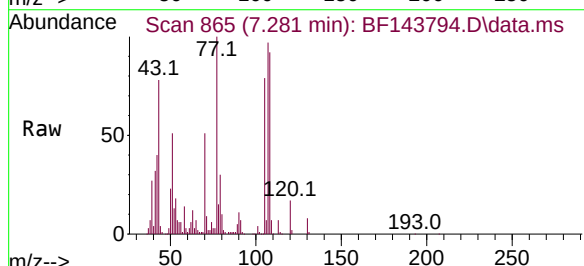
Ion Ratio Lower Upper

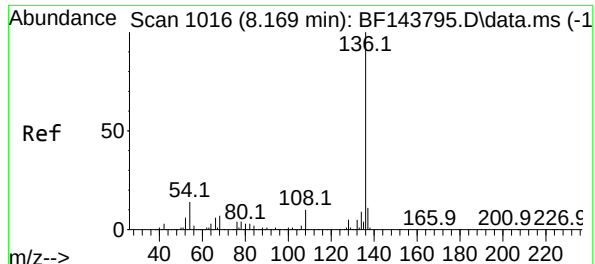
107 100

108 95.5 72.5 112.5

77 103.4 56.2 96.2#

79 30.8 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

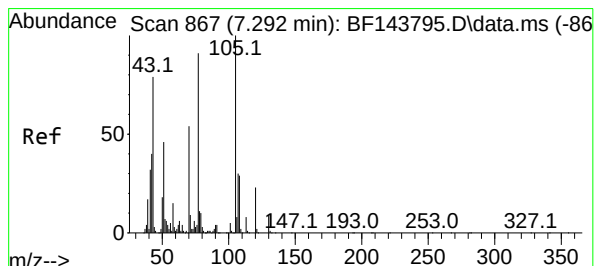
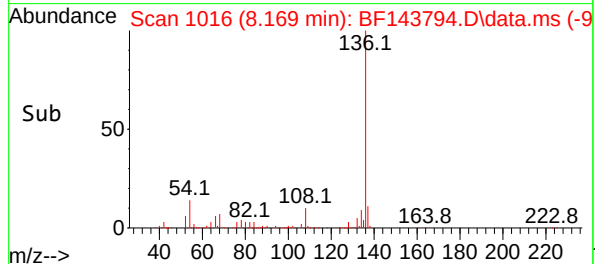
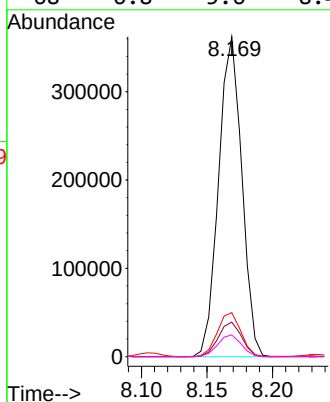
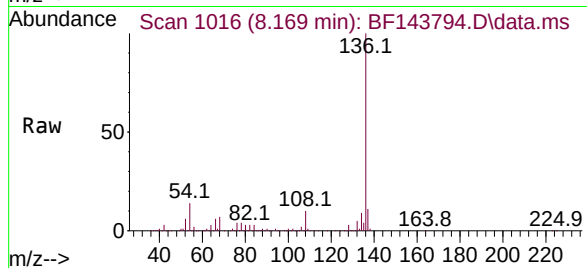
SSTDICC020

Tgt Ion:136 Resp: 446120
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 13.7 11.2 16.8
68 6.8 5.6 8.4

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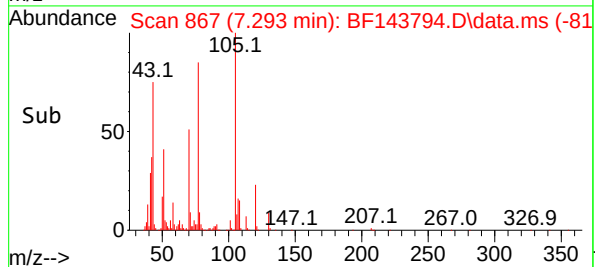
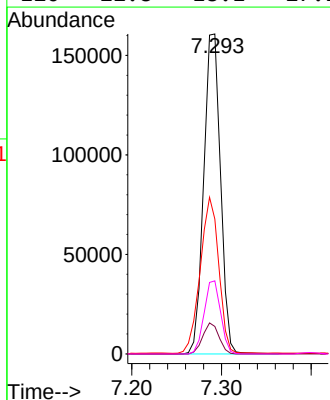
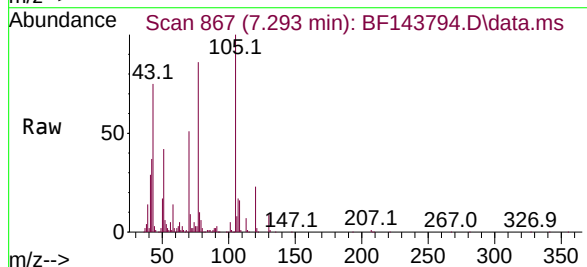
APPROVED

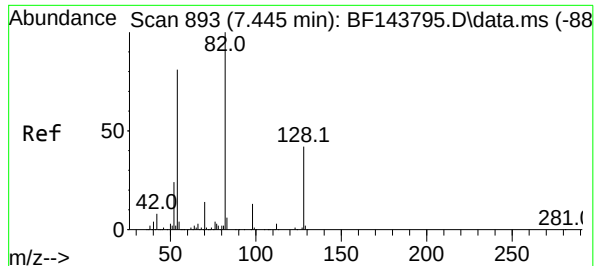
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 21.319 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:105 Resp: 208896
Ion Ratio Lower Upper
105 100
71 8.6 7.0 10.4
51 42.2 36.6 55.0
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 42.621 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 302138

Ion Ratio Lower Upper

82 100

128 41.5 33.3 49.9

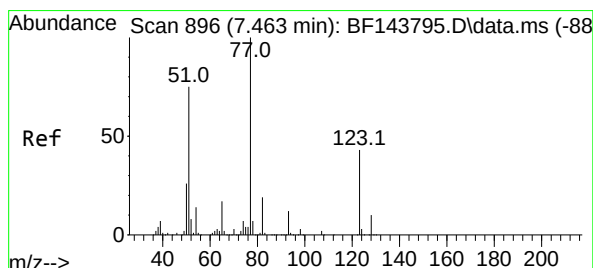
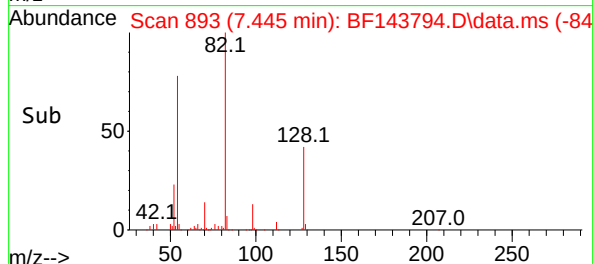
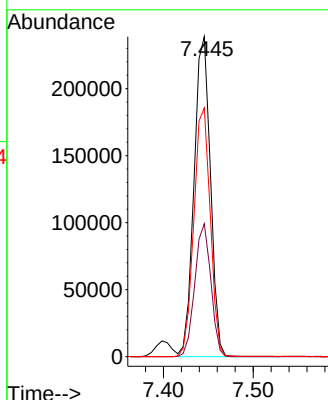
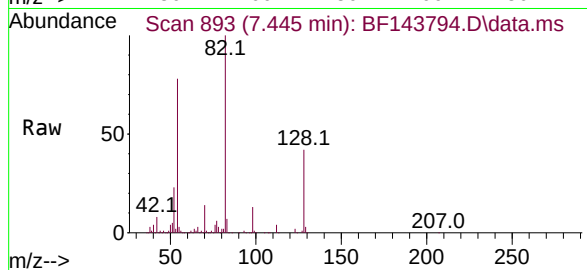
54 77.7 64.2 96.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#24

Nitrobenzene

Concen: 20.402 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

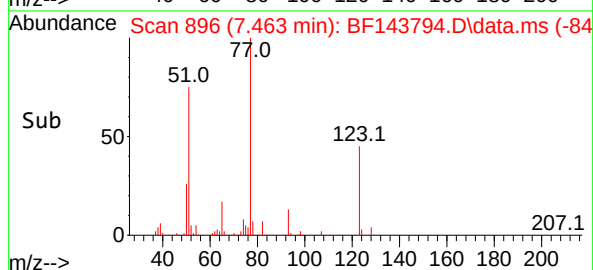
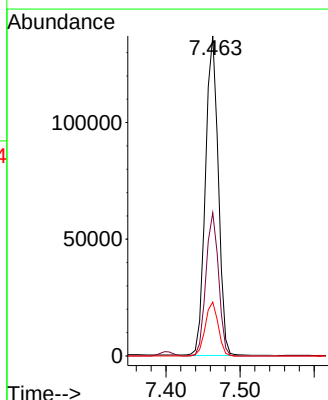
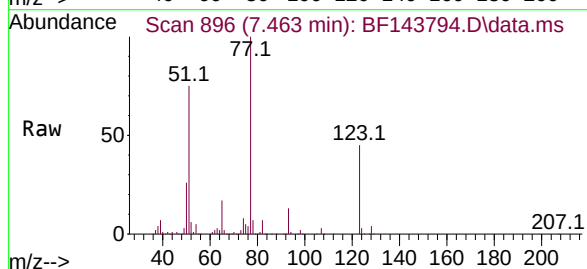
Tgt Ion: 77 Resp: 164815

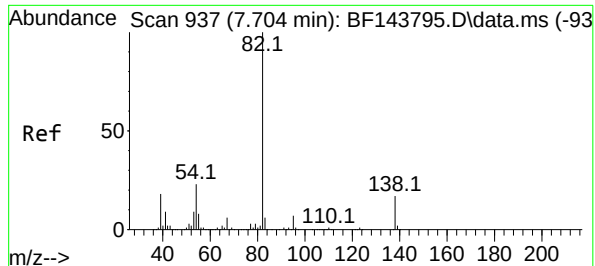
Ion Ratio Lower Upper

77 100

123 44.7 34.0 51.0

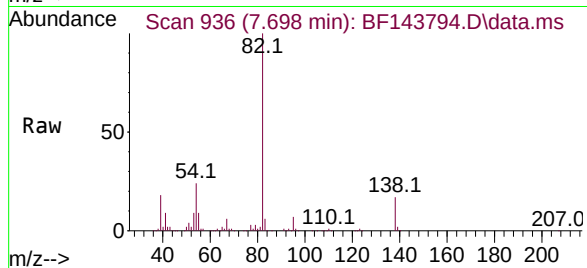
65 16.8 13.5 20.3





#25
Isophorone
Concen: 20.396 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

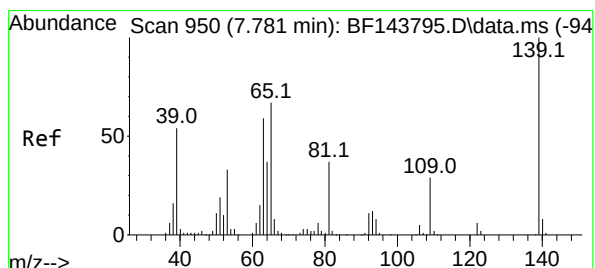
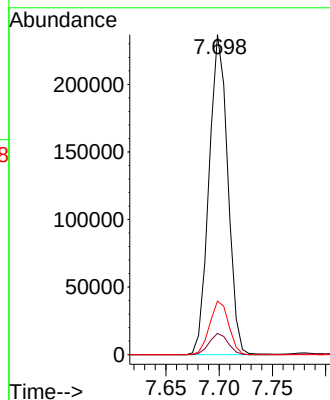
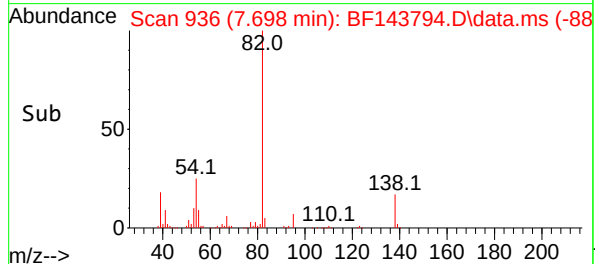
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 289674
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.7 13.7 20.5

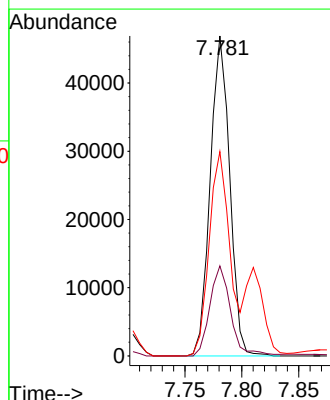
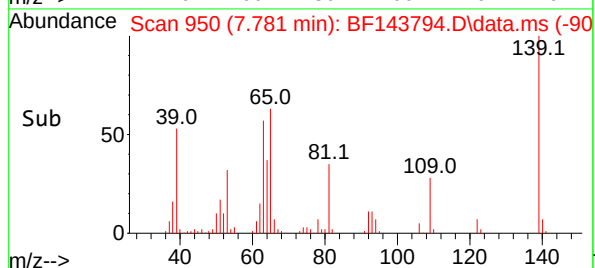
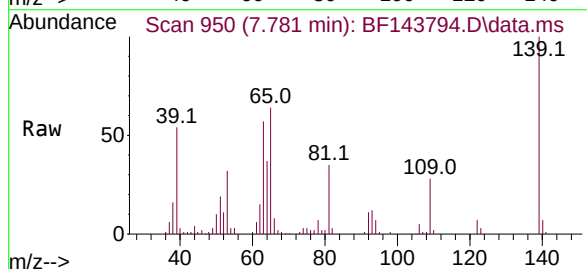
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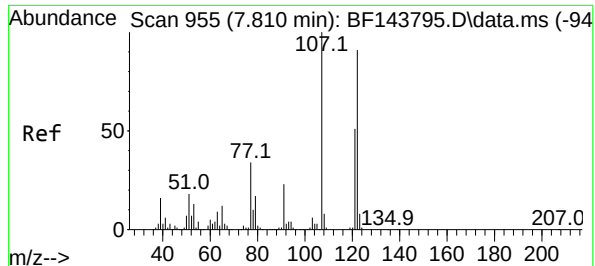
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 18.629 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:139 Resp: 55948
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 63.8 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 20.437 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143794.D

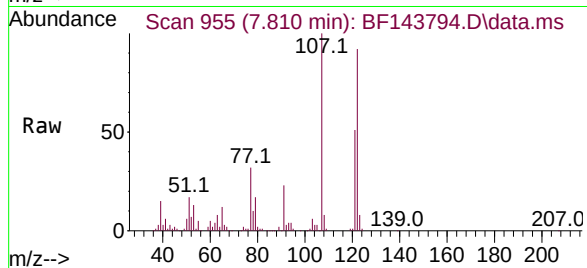
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



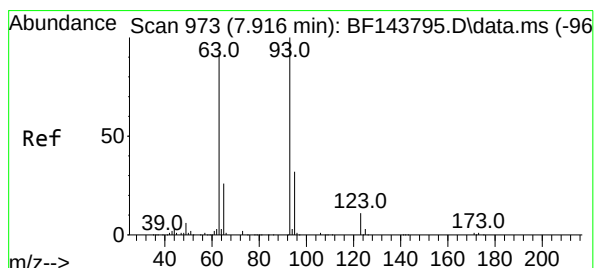
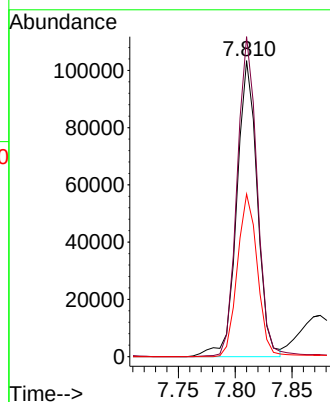
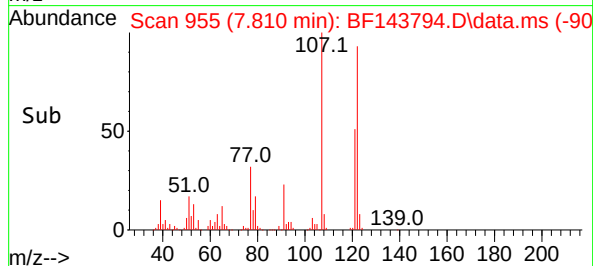
Tgt Ion:	122	Resp:	12973
Ion	Ratio	Lower	Upper
122	100		
107	108.1	87.5	131.3
121	54.9	44.2	66.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/24/2025



#28

bis(2-Chloroethoxy)methane

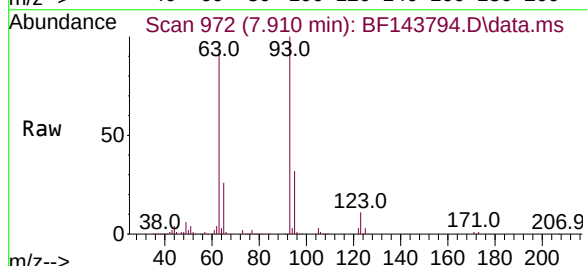
Concen: 20.802 ng

RT: 7.910 min Scan# 972

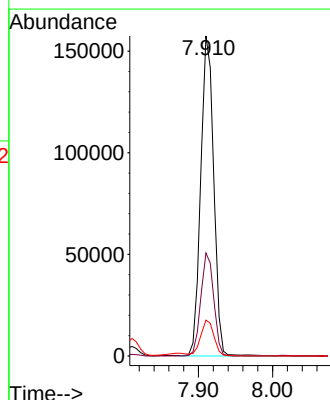
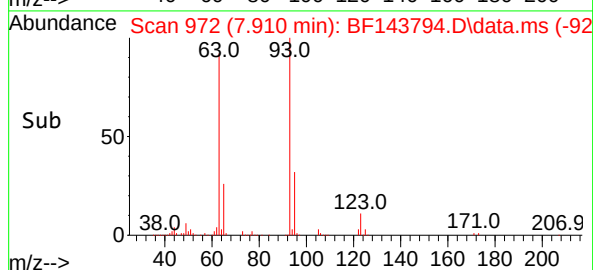
Delta R.T. -0.006 min

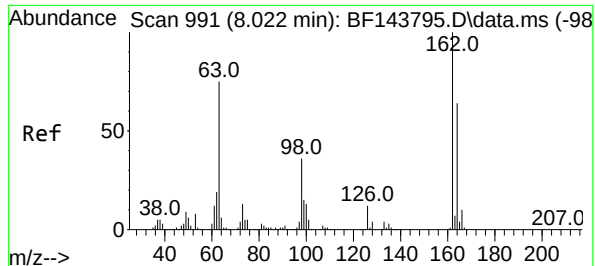
Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



Tgt Ion:	93	Resp:	191947
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 20.597 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

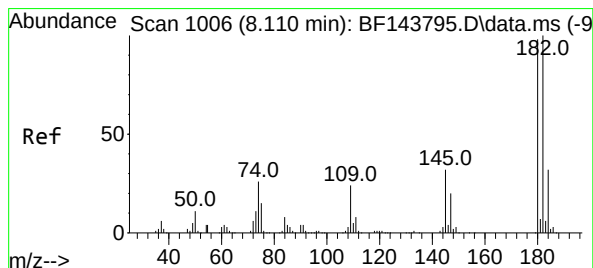
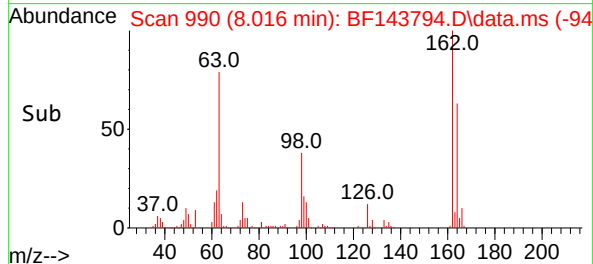
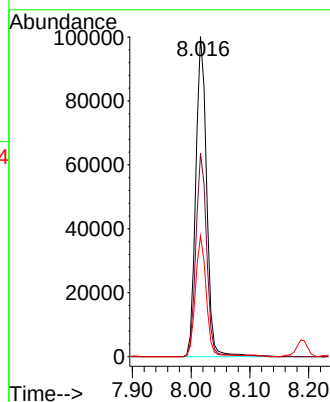
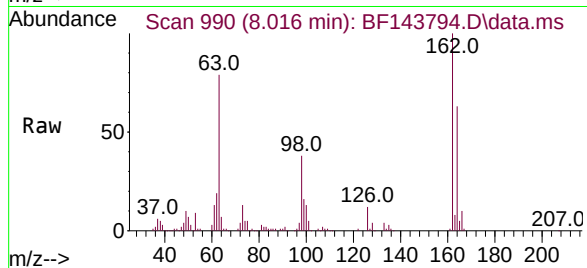
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	37.7	15.8	55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.952 ng

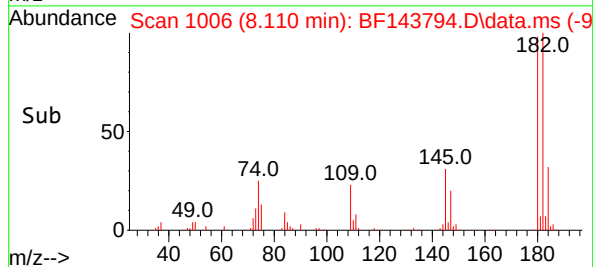
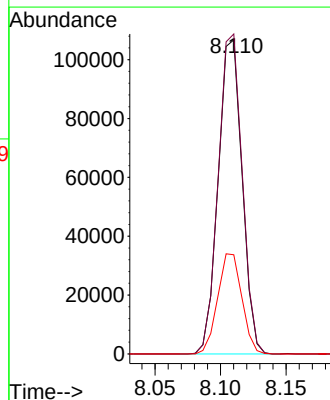
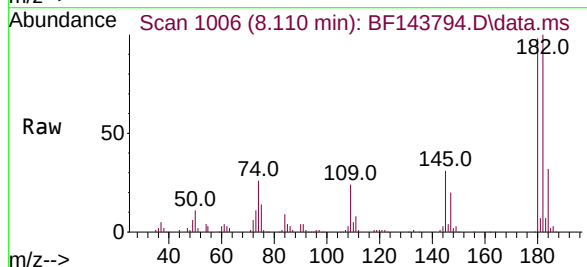
RT: 8.110 min Scan# 1006

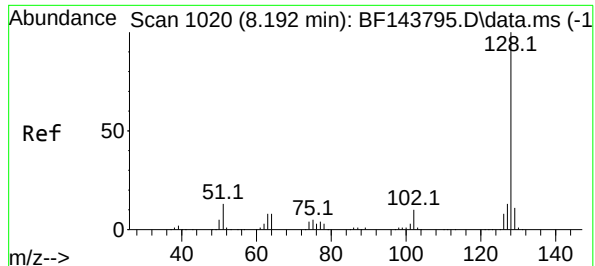
Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

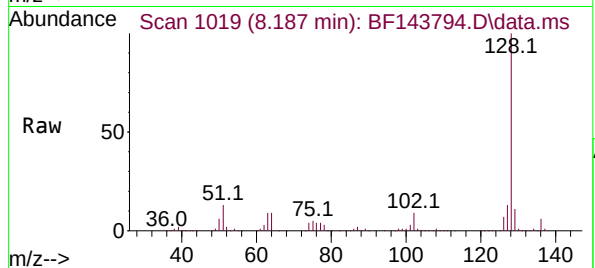
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	82.0	123.0
145	31.6	25.9	38.9





#31
Naphthalene
Concen: 21.308 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

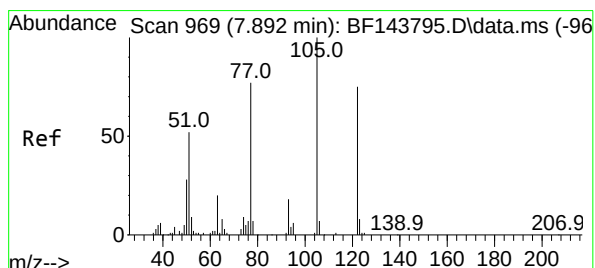
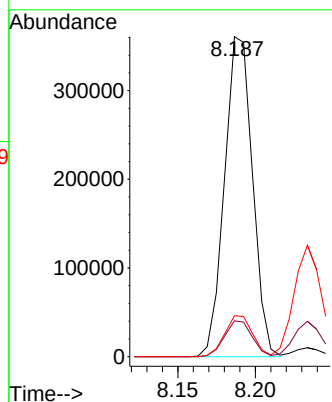
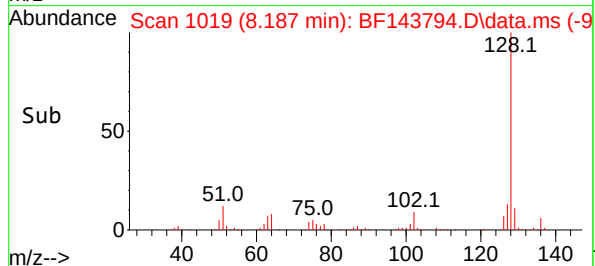
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 455060
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.2 15.4

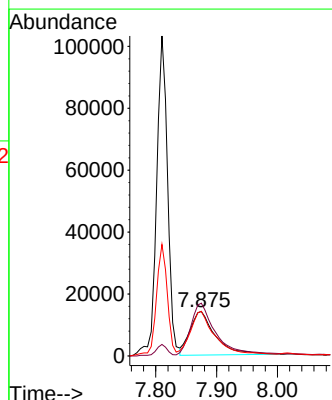
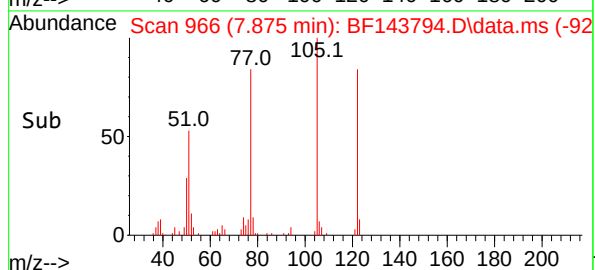
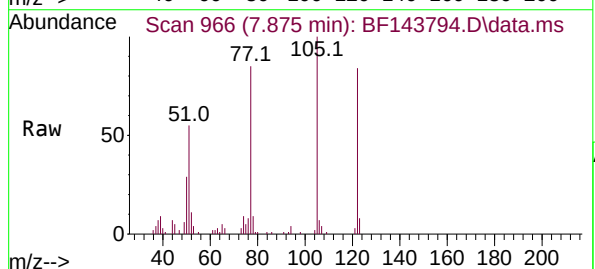
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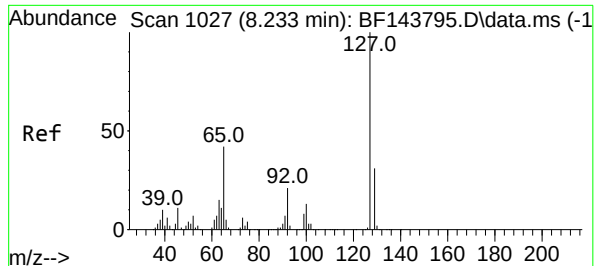
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 13.254 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

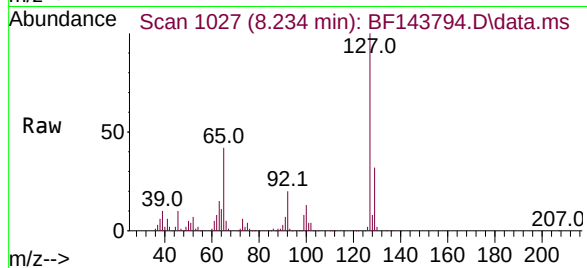
Tgt Ion:122 Resp: 40592
Ion Ratio Lower Upper
122 100
105 118.4 103.7 143.7
77 100.2 78.8 118.8





#33
4-Chloroaniline
Concen: 20.978 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

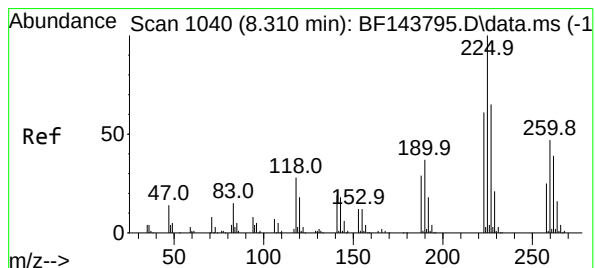
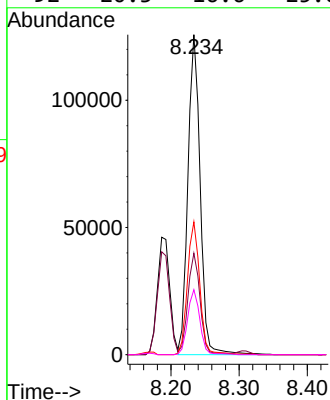
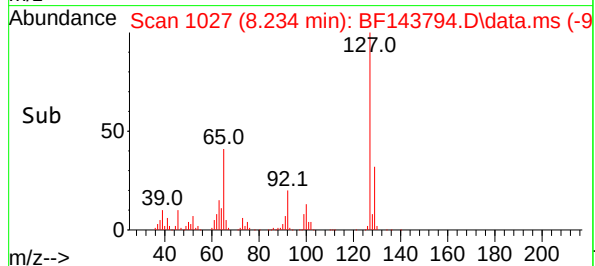
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 157439
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 41.5 33.4 50.2
92 20.3 16.6 25.0

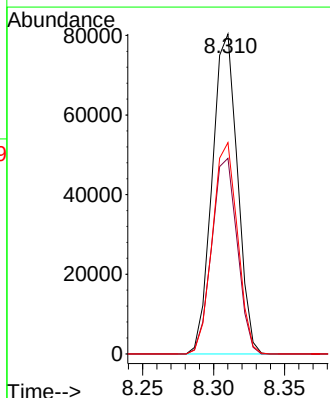
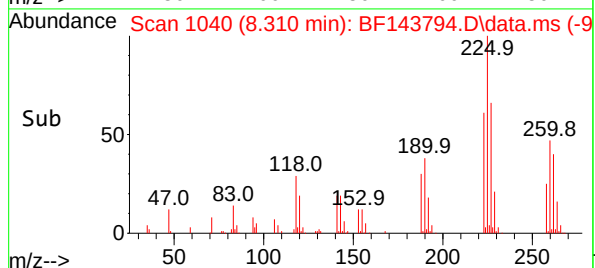
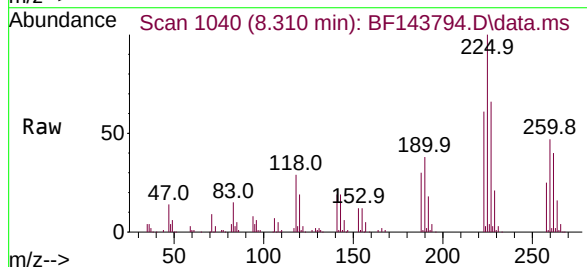
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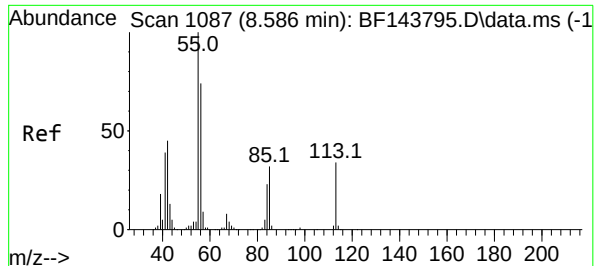
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 20.595 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

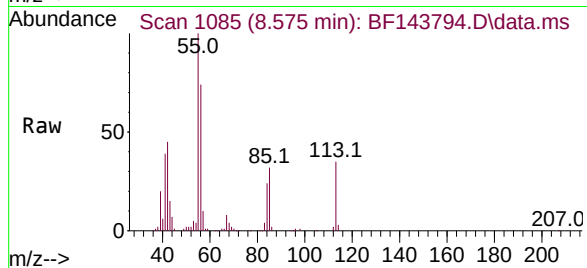
Tgt Ion:225 Resp: 99520
Ion Ratio Lower Upper
225 100
223 61.1 48.6 72.8
227 66.0 51.9 77.9





#35
 Caprolactam
 Concen: 19.385 ng
 RT: 8.575 min Scan# 1085
 Delta R.T. -0.035 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

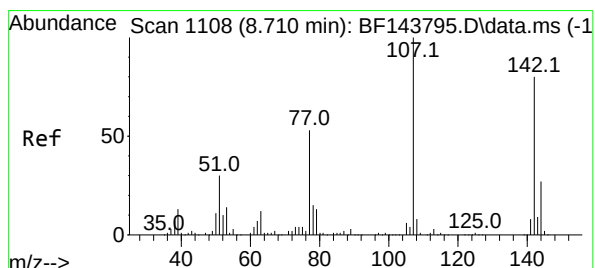
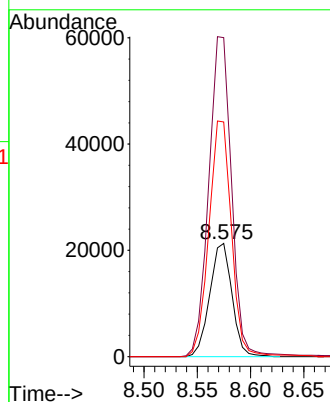
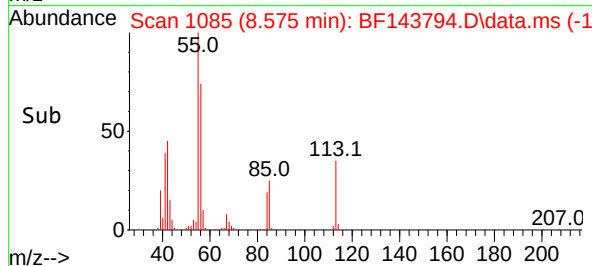
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



Tgt Ion:113 Resp: 30948
 Ion Ratio Lower Upper
 113 100
 55 282.0 271.7 311.7
 56 207.4 194.5 234.5

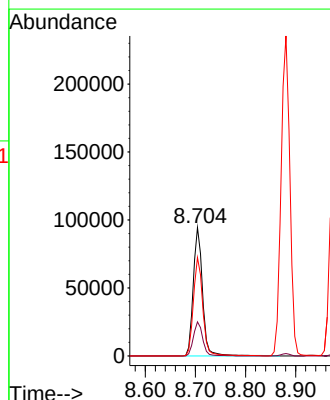
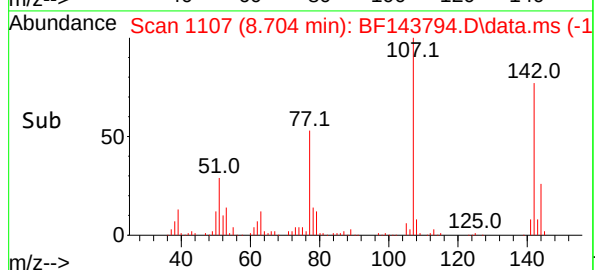
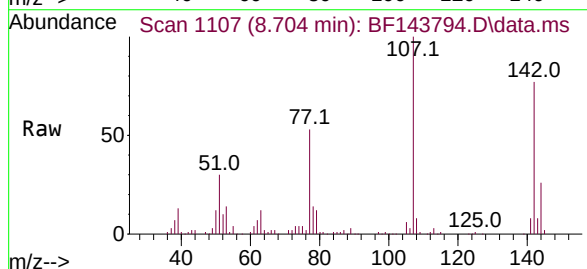
Manual Integrations
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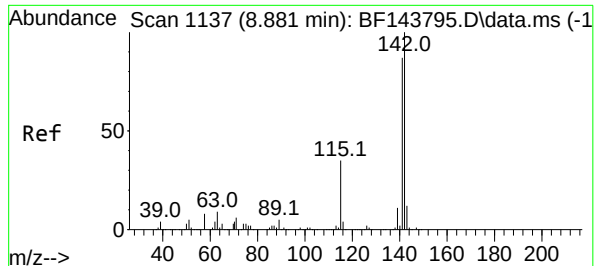
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.667 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

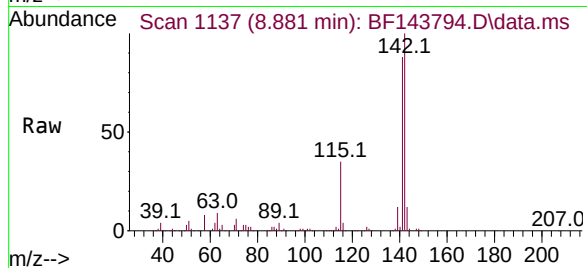
Tgt Ion:107 Resp: 121067
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.8 32.8
 142 76.6 63.6 95.4





#37
2-Methylnaphthalene
Concen: 21.060 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

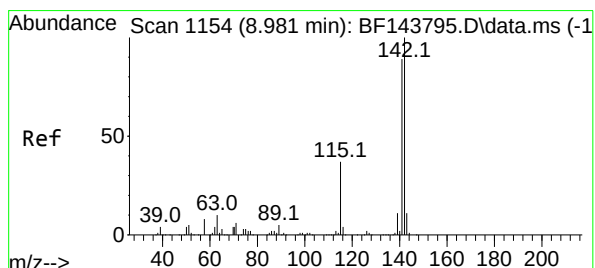
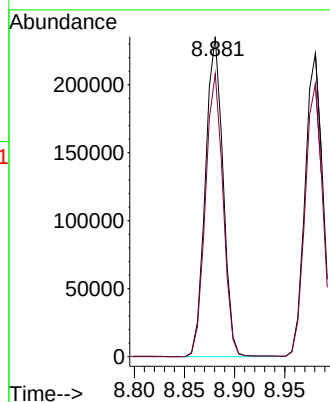
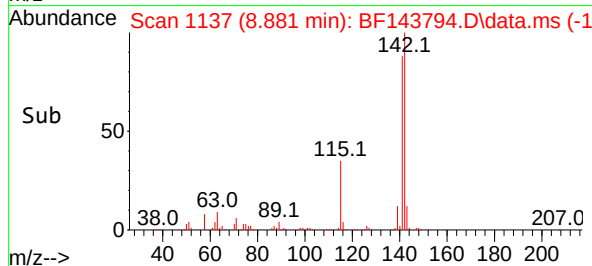
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 286790
Ion Ratio Lower Upper
142 100
141 88.4 69.4 104.0

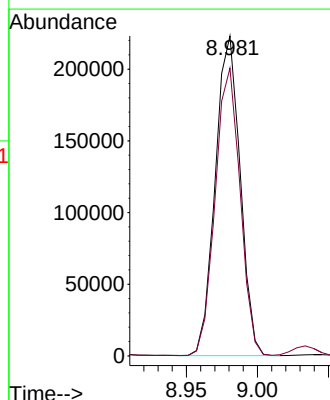
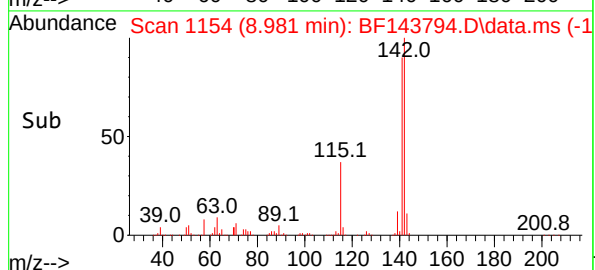
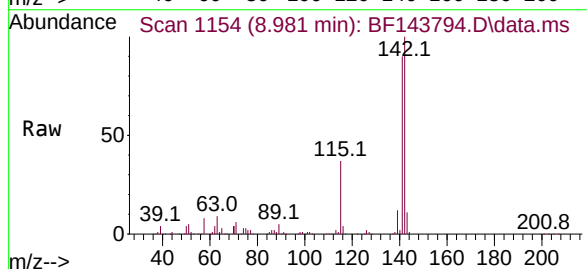
Manual Integrations
APPROVED

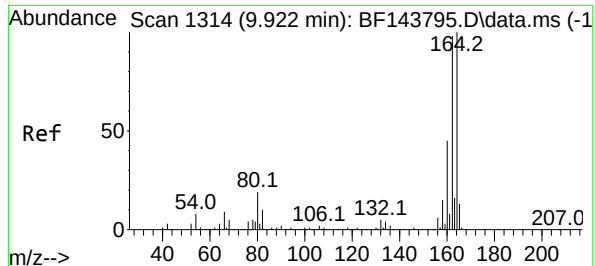
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 20.889 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

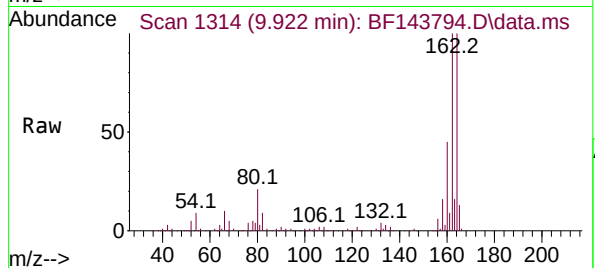
Tgt Ion:142 Resp: 272276
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

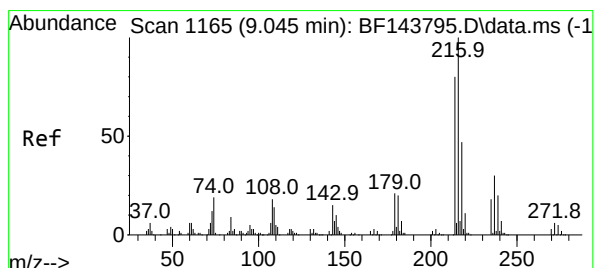
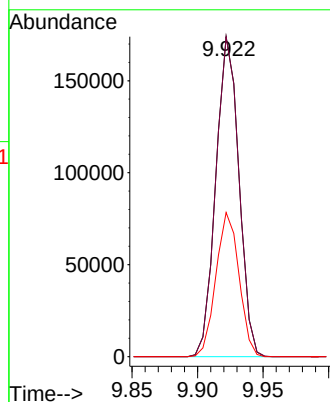
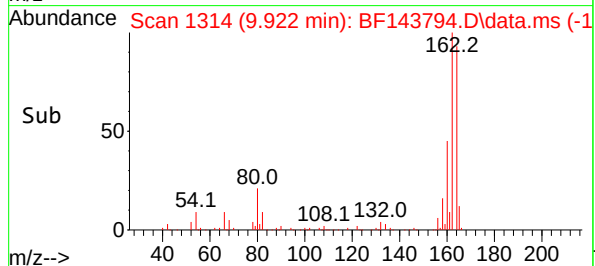
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:164 Resp: 213356
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 45.0 35.8 53.6

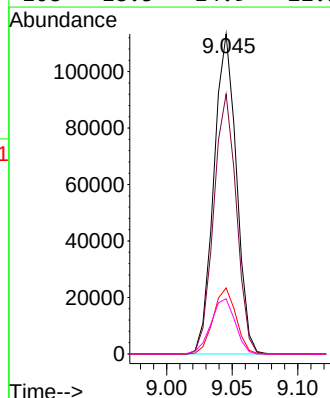
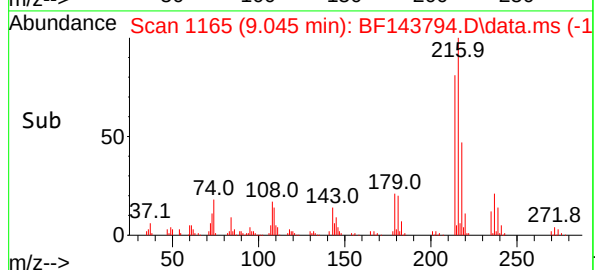
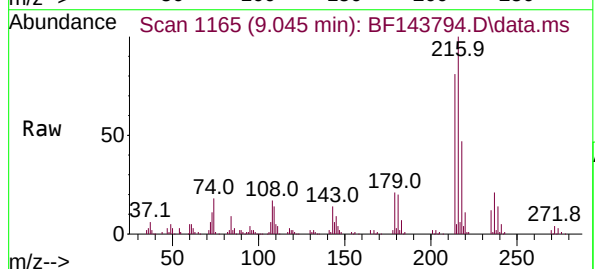
Manual Integrations
APPROVED

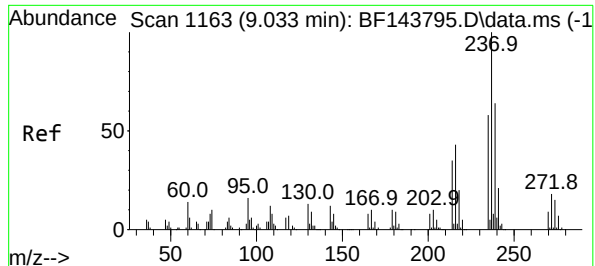
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.074 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

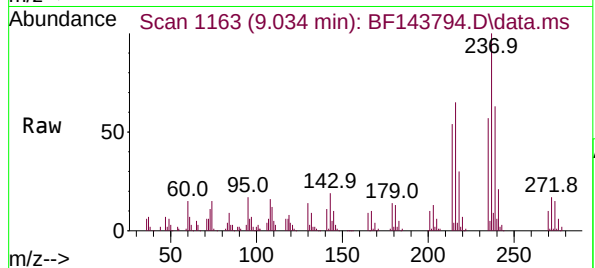
Tgt Ion:216 Resp: 135689
Ion Ratio Lower Upper
216 100
214 81.5 63.7 95.5
179 20.7 16.5 24.7
108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 19.382 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

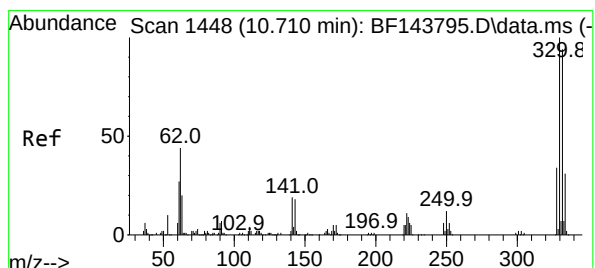
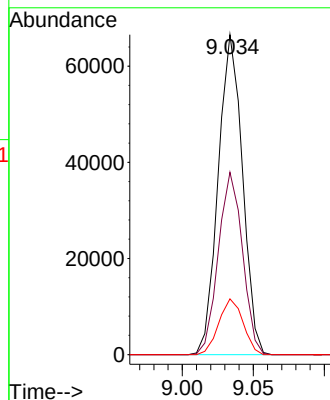
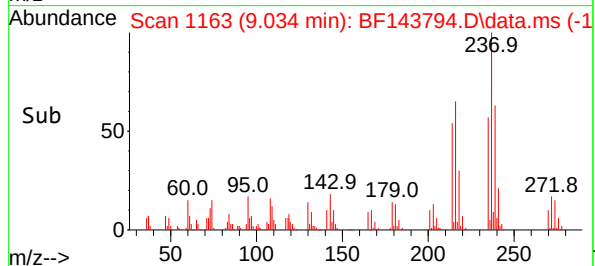
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 237 Resp: 79092
Ion Ratio Lower Upper
237 100
235 57.0 38.1 78.1
272 17.4 0.0 37.9

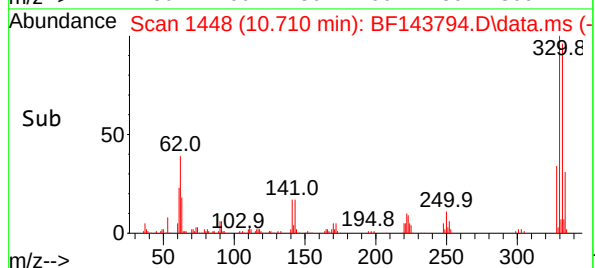
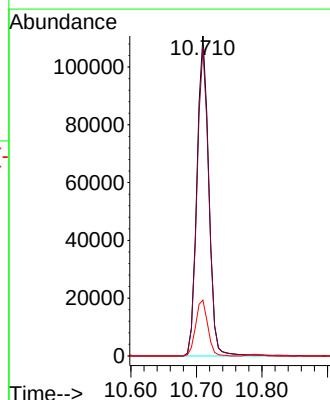
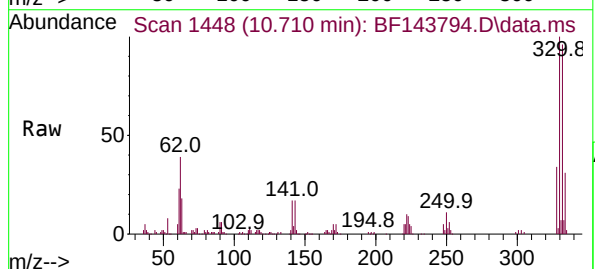
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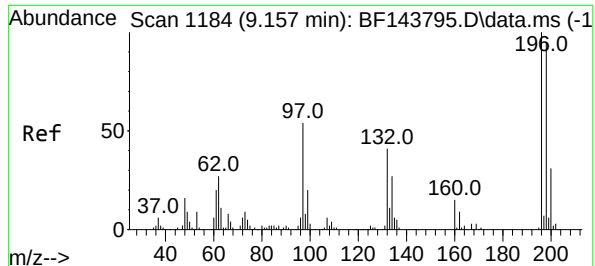
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 45.426 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 330 Resp: 138317
Ion Ratio Lower Upper
330 100
332 96.5 74.7 112.1
141 17.7 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 20.423 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143794.D

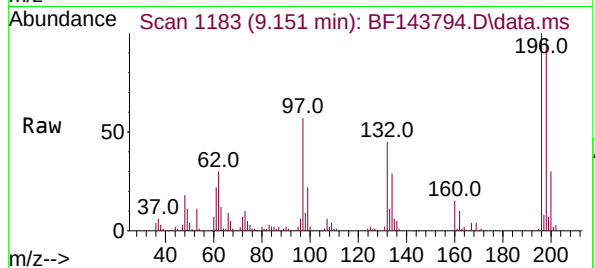
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 8234

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.2

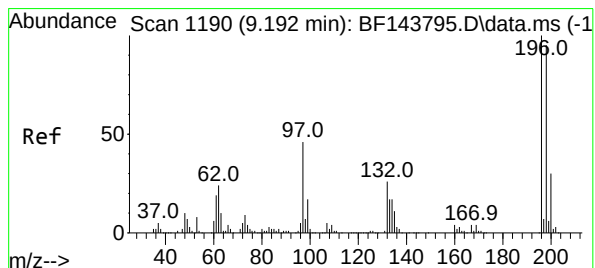
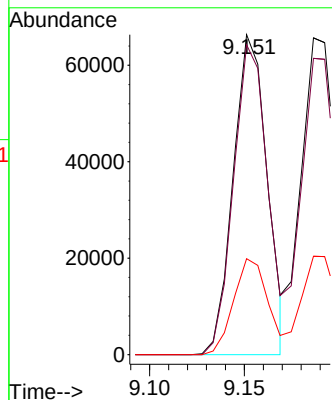
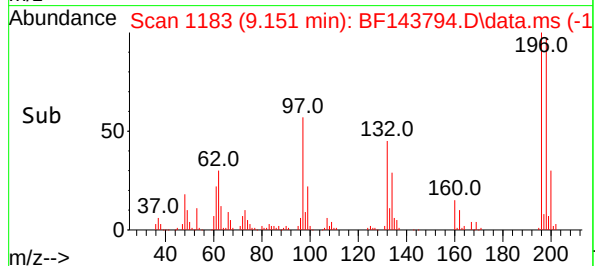
200 30.0 24.7 37.1

Manual Integrations

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#44

2,4,5-Trichlorophenol

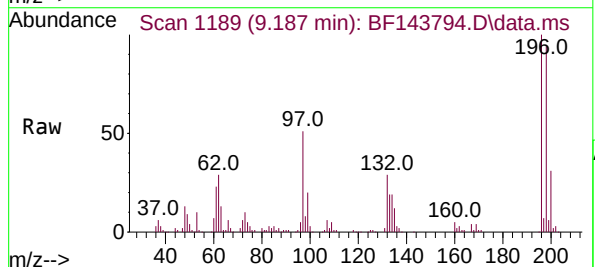
Concen: 21.213 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



Tgt Ion:196 Resp: 89458

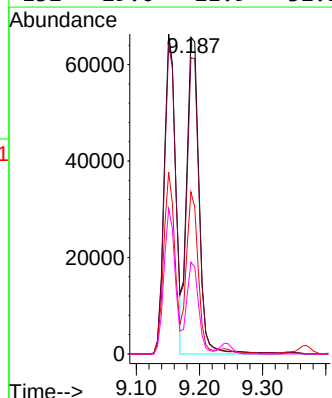
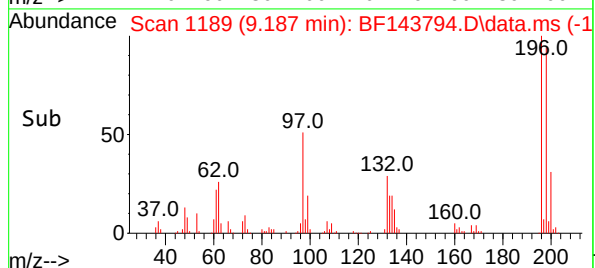
Ion Ratio Lower Upper

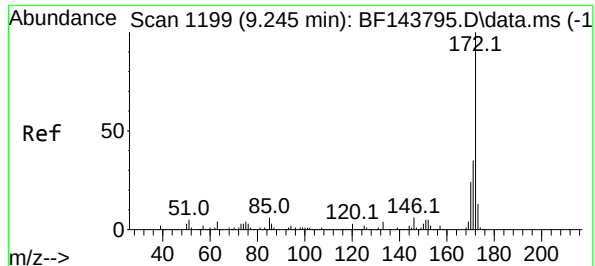
196 100

198 93.5 75.9 113.9

97 51.2 38.3 57.5

132 29.0 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 43.140 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143794.D

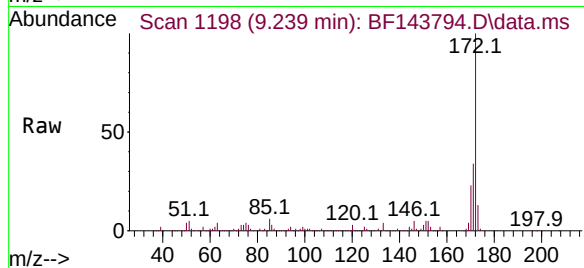
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 622849

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

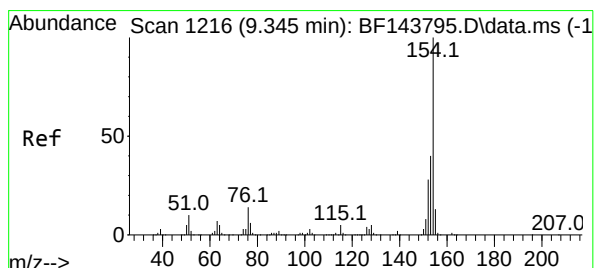
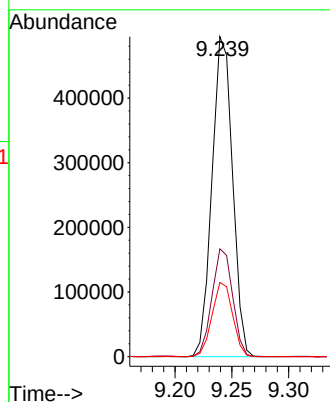
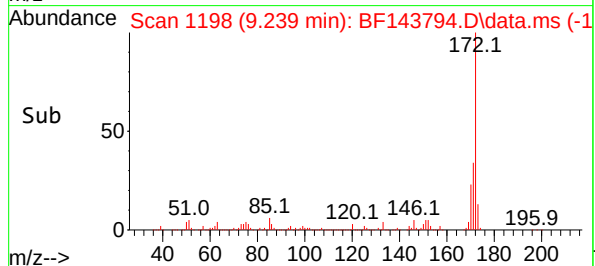
170 23.2 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

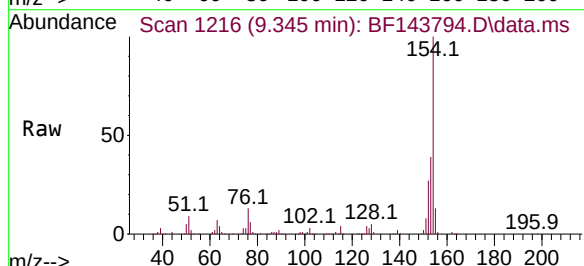
Concen: 21.610 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



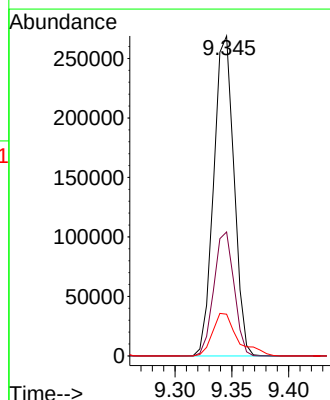
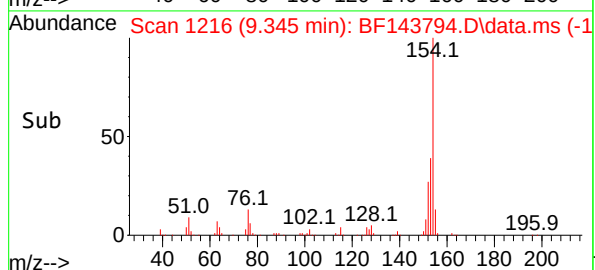
Tgt Ion:154 Resp: 333743

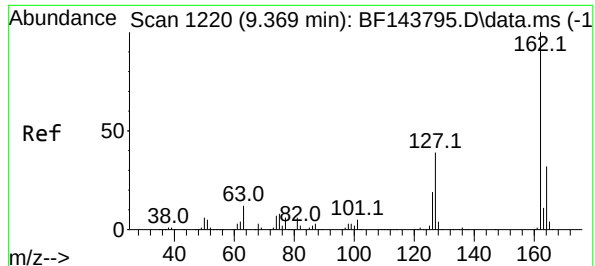
Ion Ratio Lower Upper

154 100

153 38.8 19.7 59.7

76 13.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 21.330 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143794.D

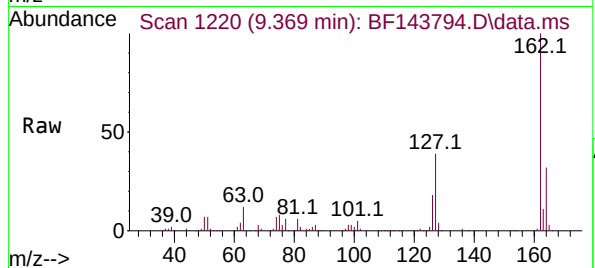
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 265169

Ion Ratio Lower Upper

162 100

127 38.6 31.5 47.3

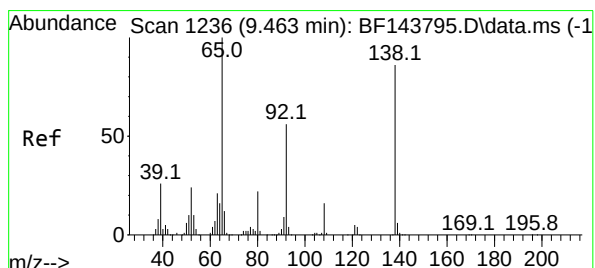
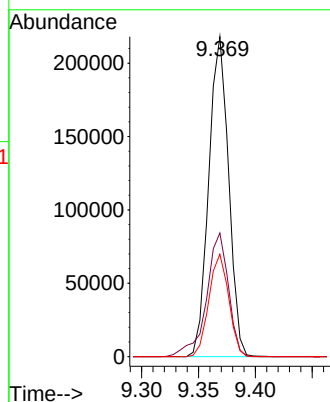
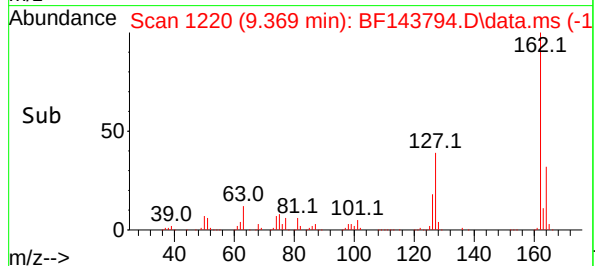
164 32.0 25.9 38.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 20.157 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

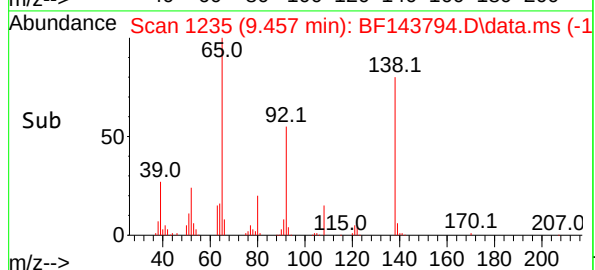
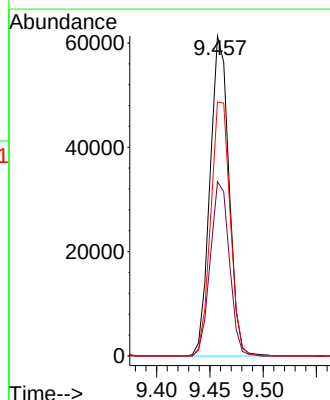
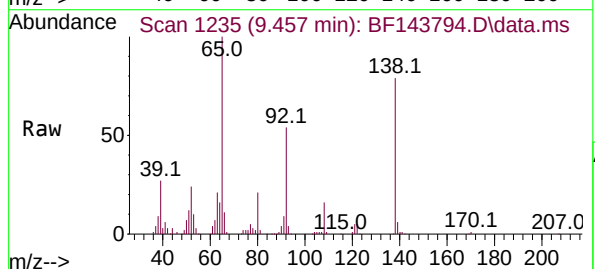
Tgt Ion: 65 Resp: 75737

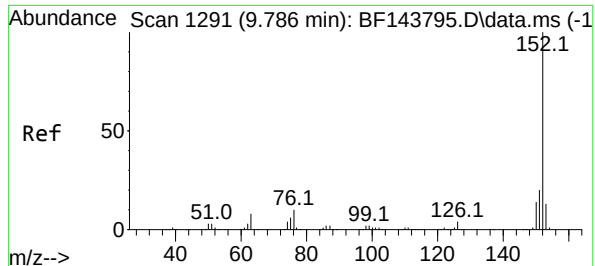
Ion Ratio Lower Upper

65 100

92 54.4 44.9 67.3

138 79.4 69.0 103.4





#49

Acenaphthylene

Concen: 21.195 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143794.D

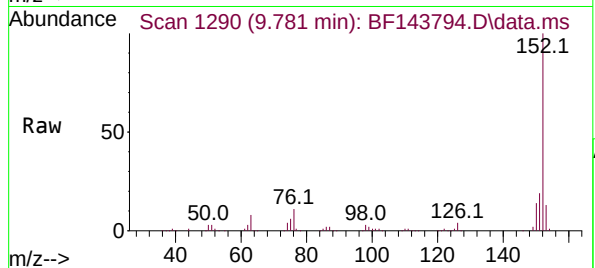
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 362739

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

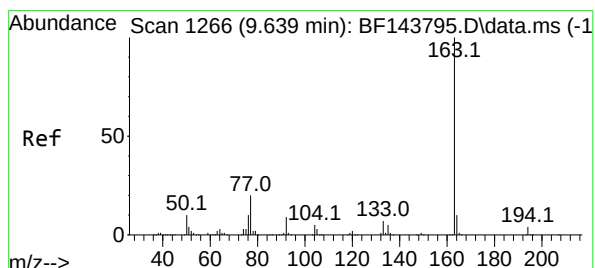
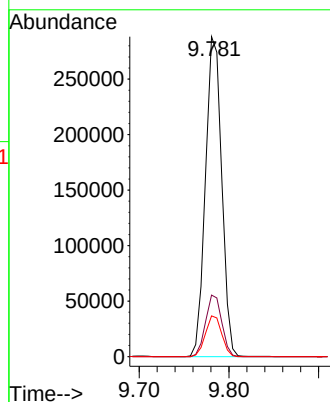
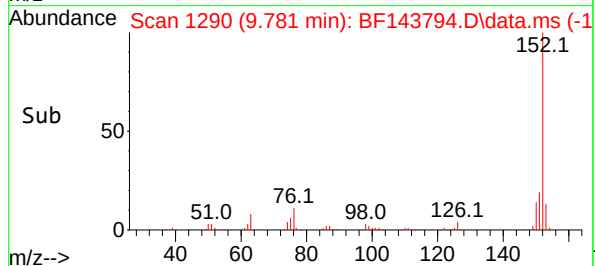
153 12.7 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

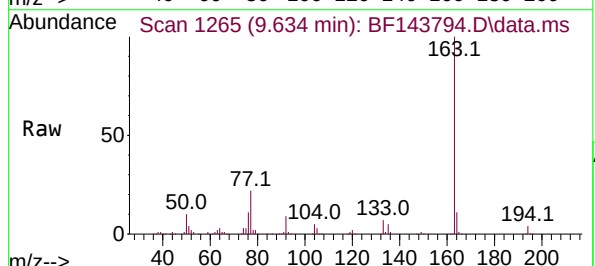
Concen: 20.548 ng

RT: 9.634 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



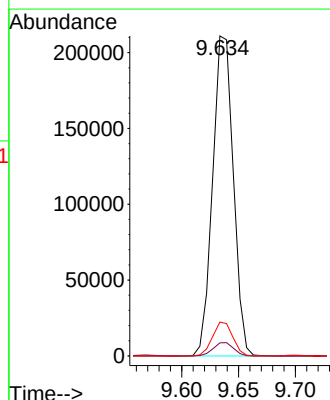
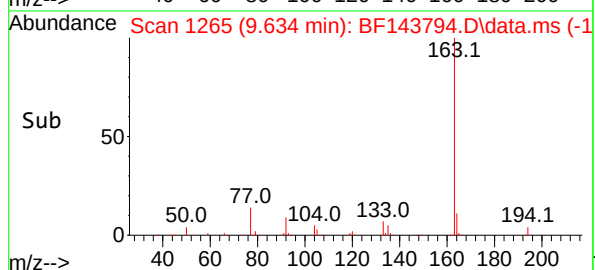
Tgt Ion:163 Resp: 267211

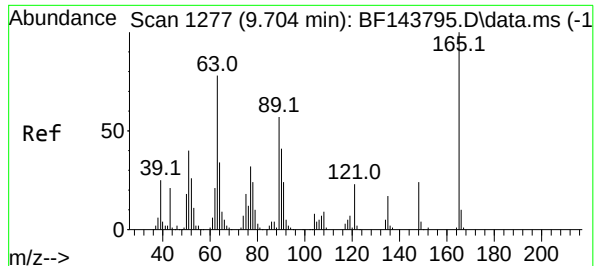
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

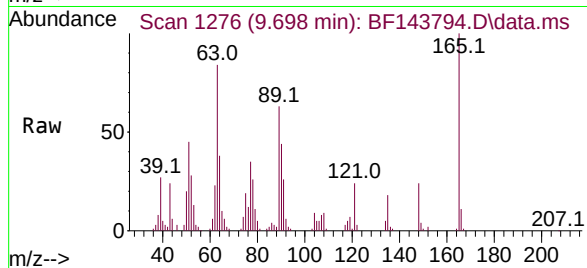
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.794 ng
RT: 9.698 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

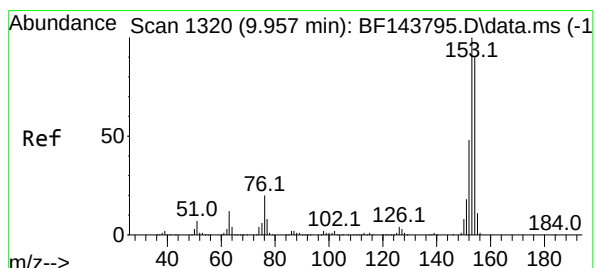
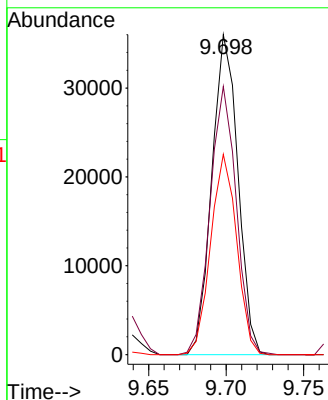
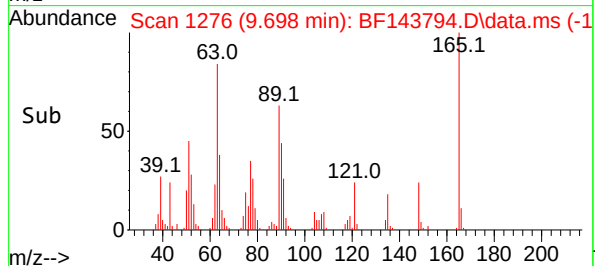
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 42291
Ion Ratio Lower Upper
165 100
63 83.8 62.6 94.0
89 62.6 45.2 67.8

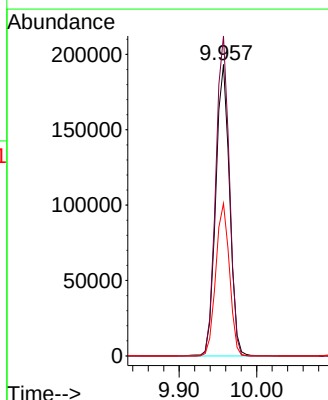
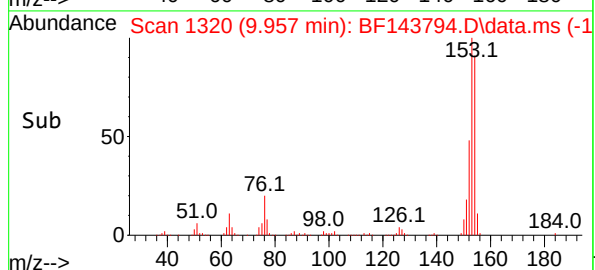
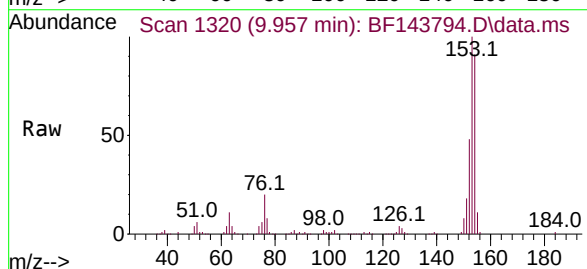
Manual Integrations
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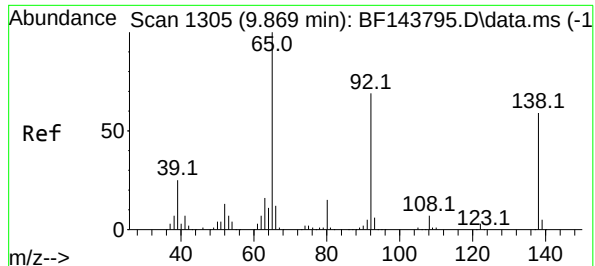
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 21.268 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:154 Resp: 239533
Ion Ratio Lower Upper
154 100
153 109.8 88.7 133.1
152 52.3 42.7 64.1





#53

3-Nitroaniline

Concen: 20.150 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 52183

Ion Ratio Lower Upper

138 100

108 14.8 9.9 14.9

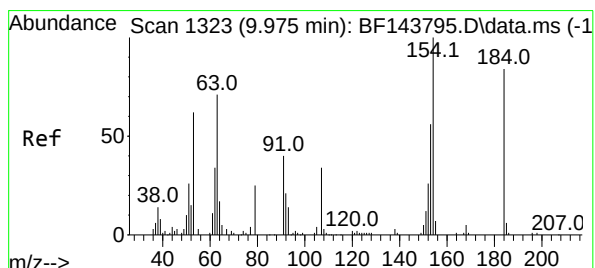
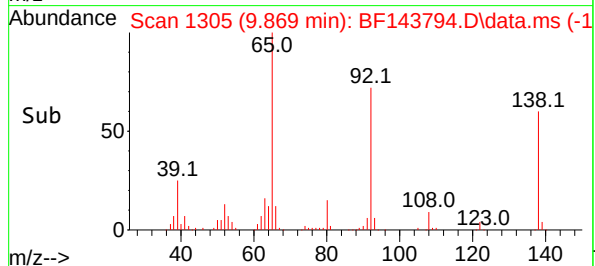
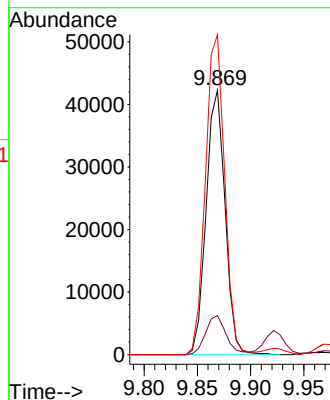
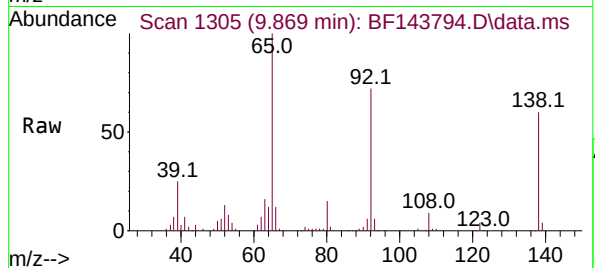
92 121.0 93.5 140.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 16.759 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

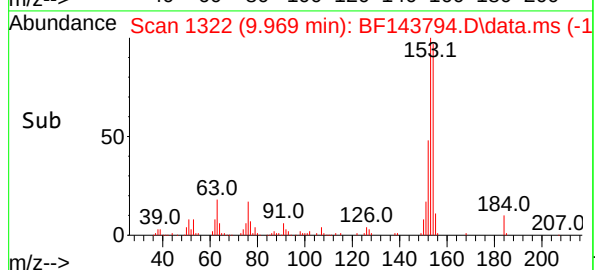
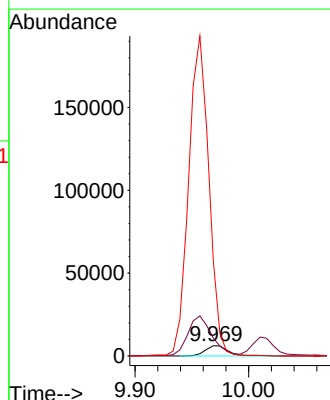
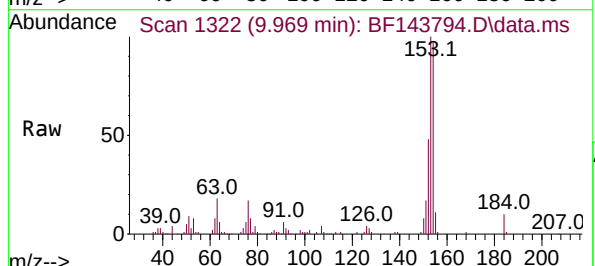
Tgt Ion:184 Resp: 8519

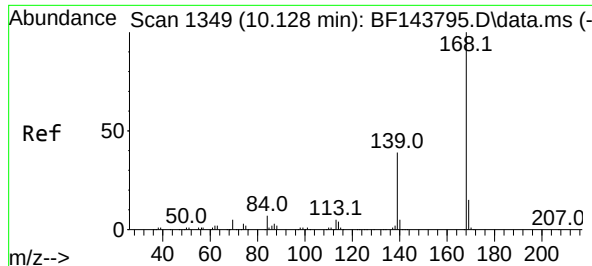
Ion Ratio Lower Upper

184 100

63 174.8 84.6 127.0#

154 930.3 199.3 298.9#





#55

Dibenzenofuran

Concen: 21.305 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 339308

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

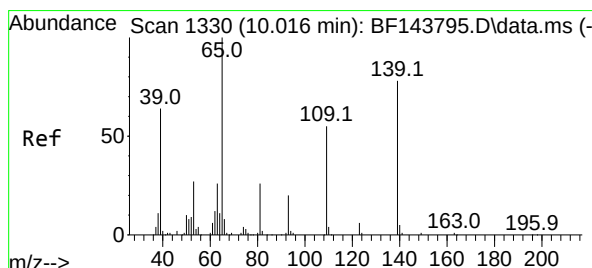
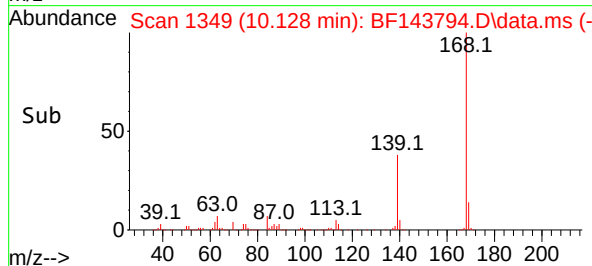
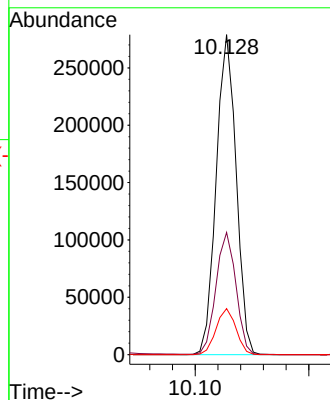
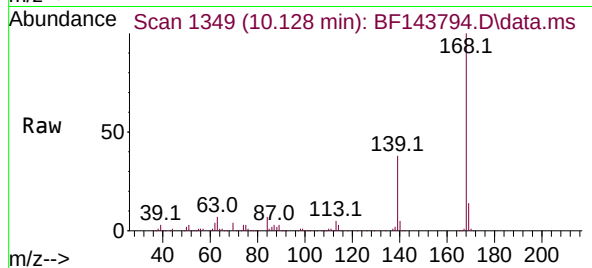
169 14.4 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 17.322 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

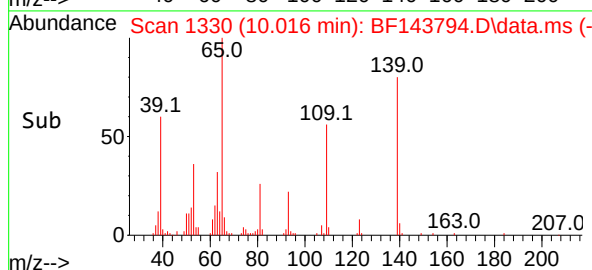
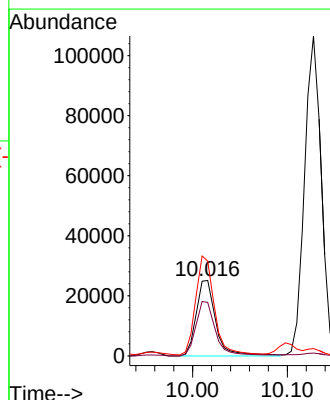
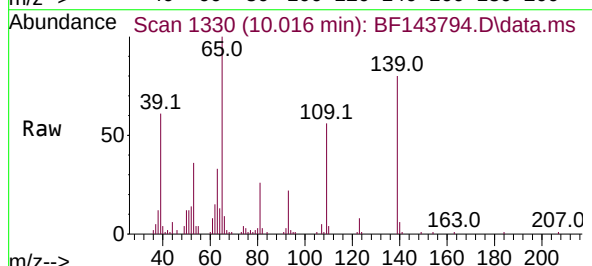
Tgt Ion:139 Resp: 36150

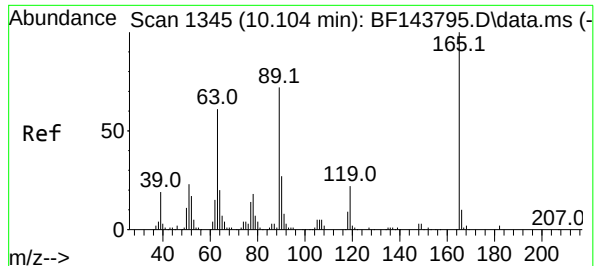
Ion Ratio Lower Upper

139 100

109 70.9 50.2 90.2

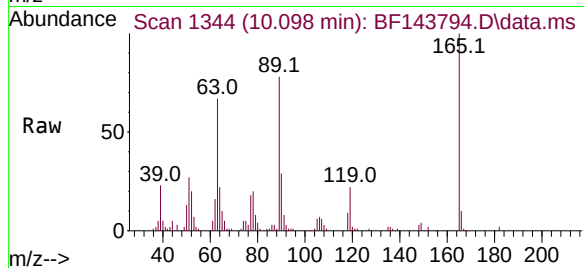
65 125.7 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 18.952 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

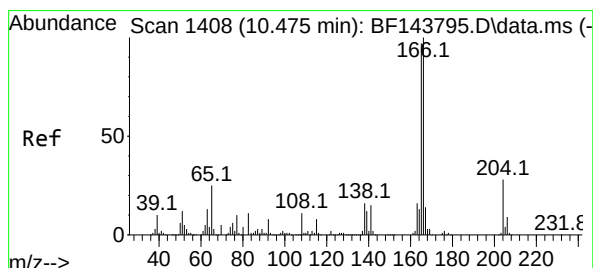
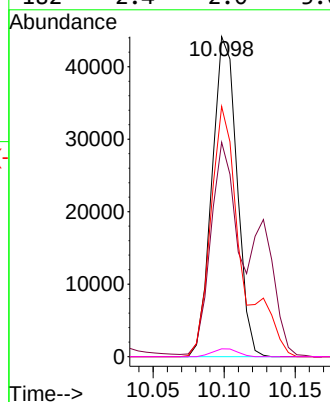
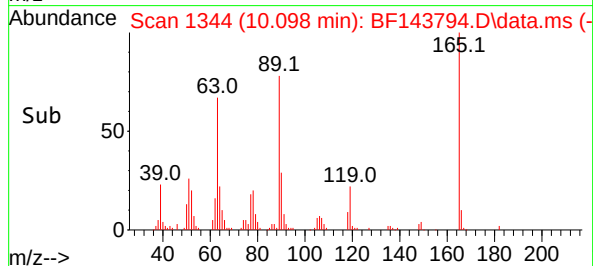
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



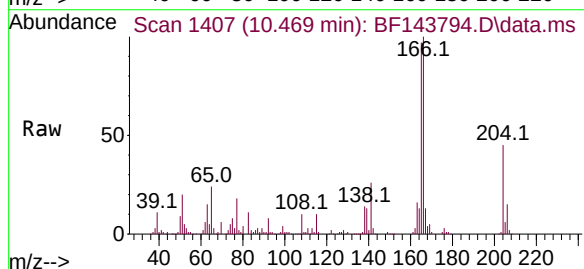
Tgt Ion:165 Resp: 5413
Ion Ratio Lower Upper
165 100
63 67.0 48.9 73.3
89 78.2 57.5 86.3
182 2.4 2.0 3.0

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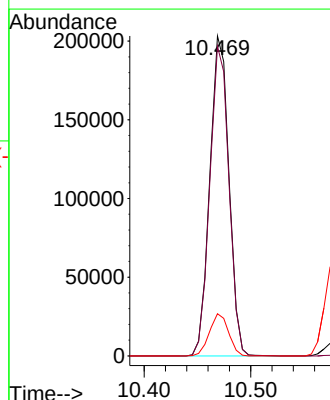
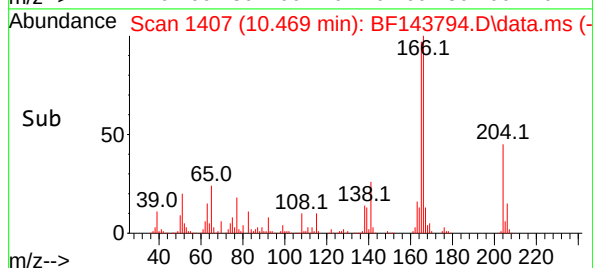
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

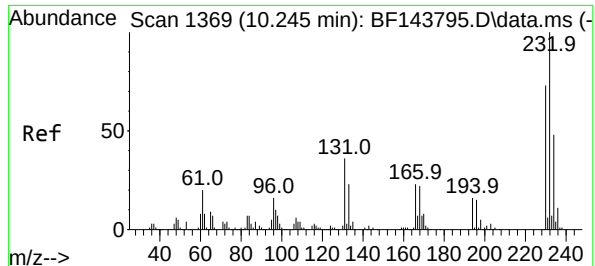


#58
Fluorene
Concen: 21.445 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



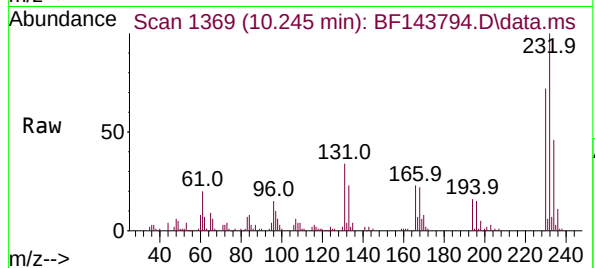
Tgt Ion:166 Resp: 253897
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.618 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

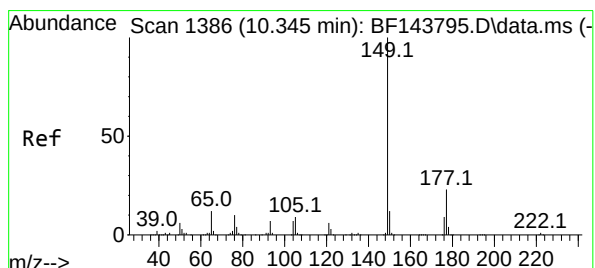
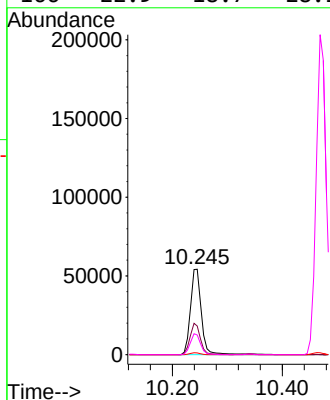
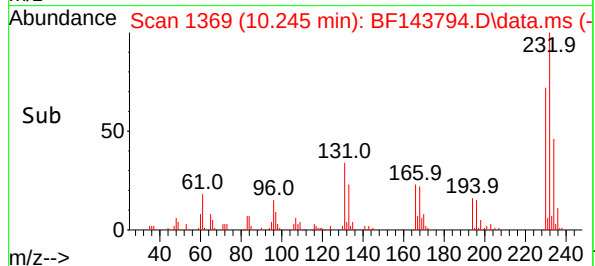
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 74485
Ion Ratio Lower Upper
232 100
131 34.9 29.4 44.2
130 1.9 1.3 1.9
166 22.9 18.7 28.1

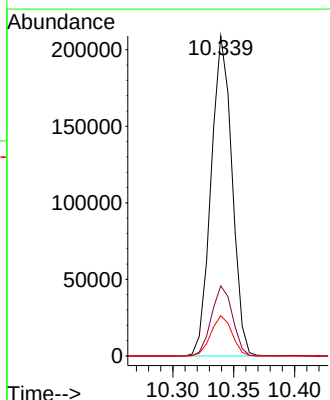
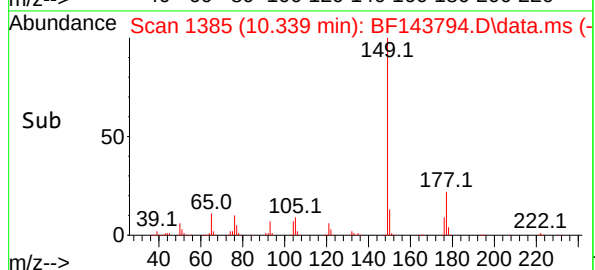
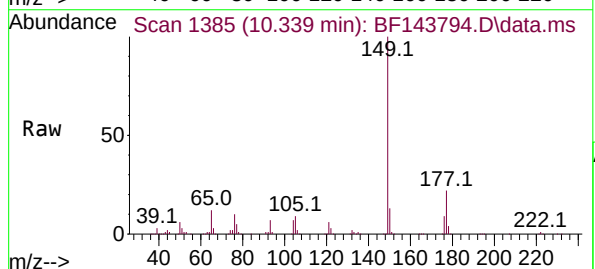
Manual Integrations
APPROVED

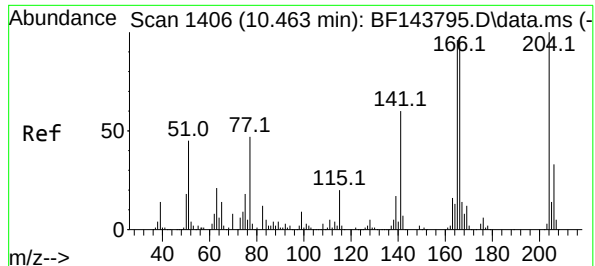
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 20.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

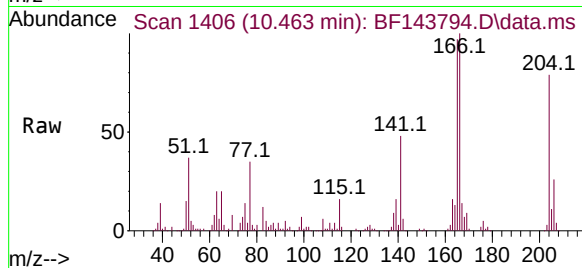
Tgt Ion:149 Resp: 250459
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 21.242 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

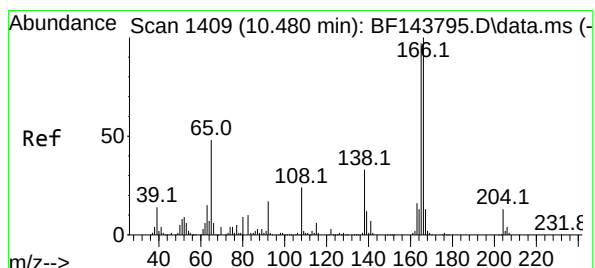
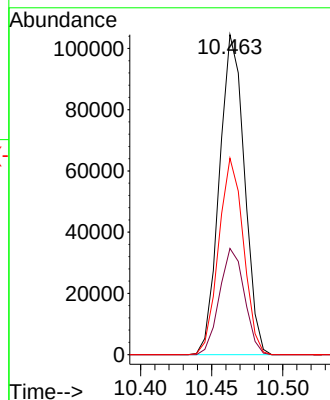
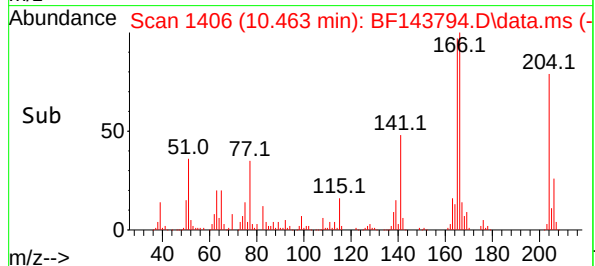
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



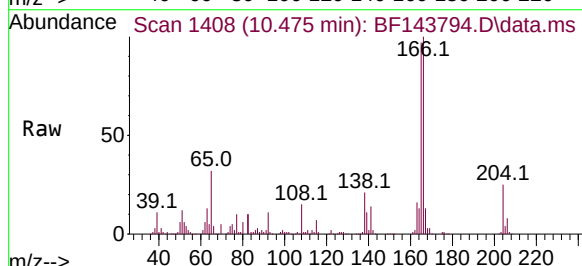
Tgt Ion:204 Resp: 128143
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.4 48.2 72.2

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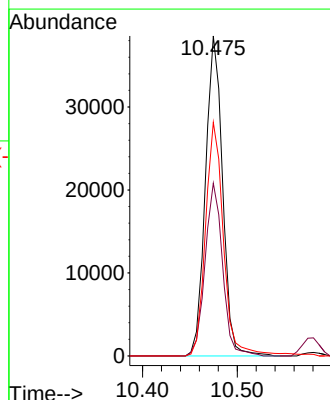
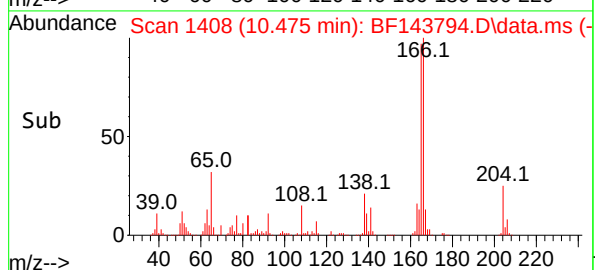
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

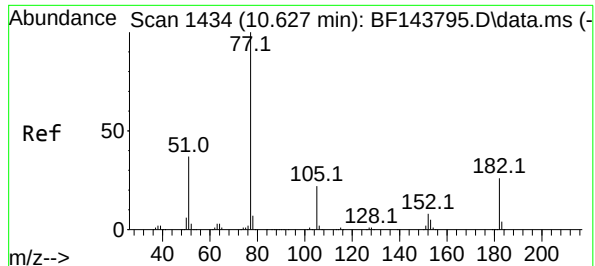


#62
4-Nitroaniline
Concen: 19.941 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



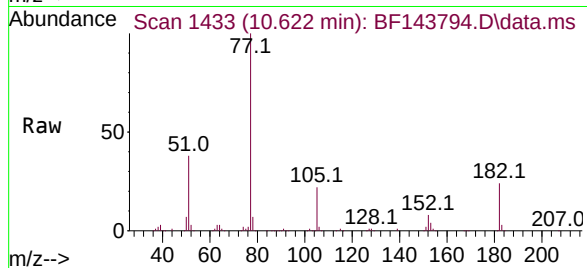
Tgt Ion:138 Resp: 48558
Ion Ratio Lower Upper
138 100
92 54.0 31.5 71.5
108 73.0 51.9 91.9





#63
Azobenzene
Concen: 20.720 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

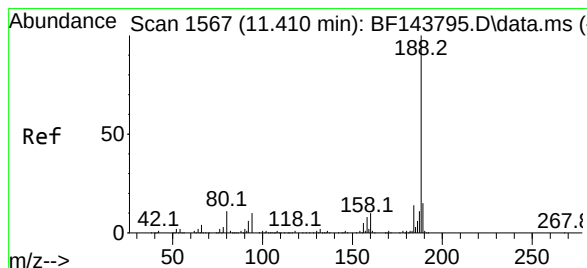
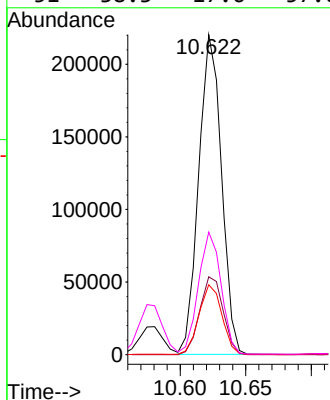
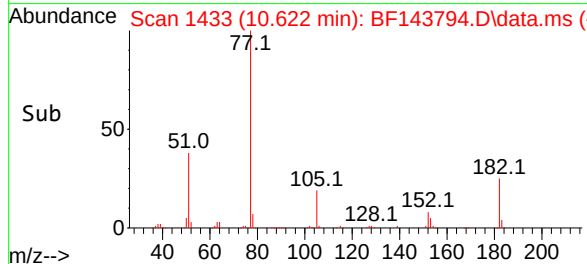
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



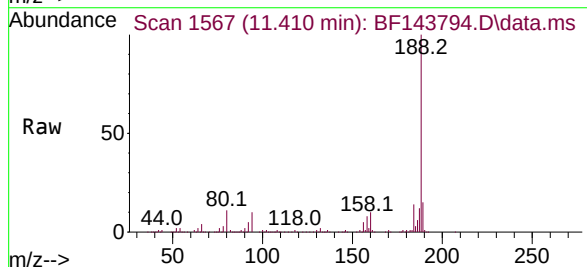
Tgt Ion: 77 Resp: 265823
Ion Ratio Lower Upper
77 100
182 24.3 5.9 45.9
105 21.8 2.3 42.3
51 38.3 17.6 57.6

Manual Integrations
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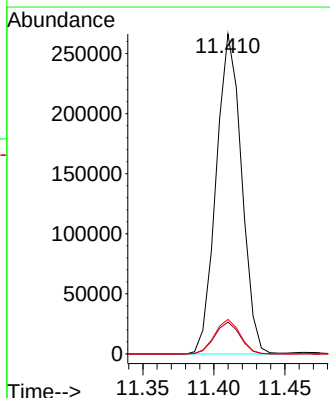
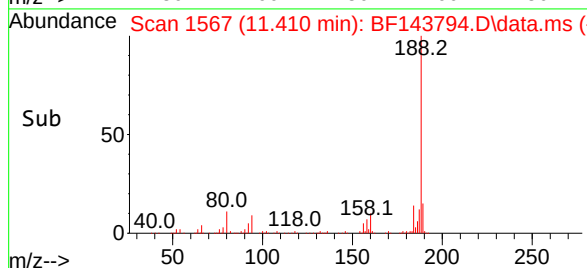
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

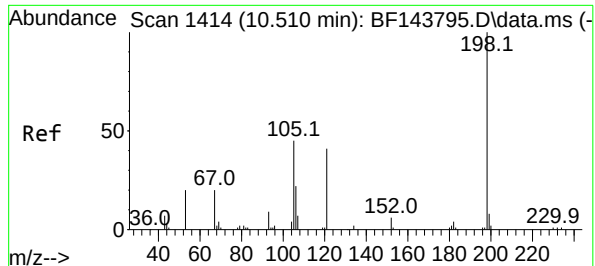


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:188 Resp: 331910
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.8 8.6 12.8





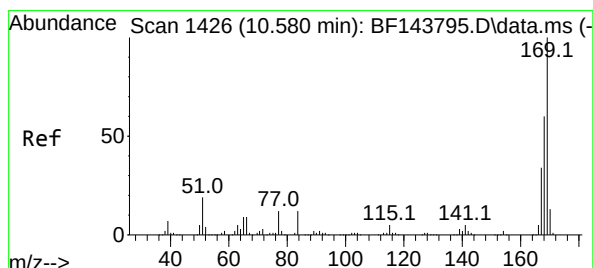
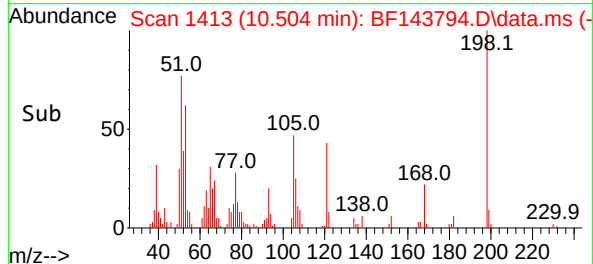
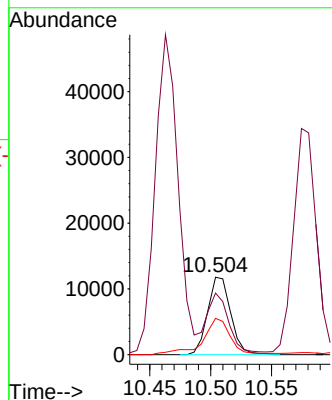
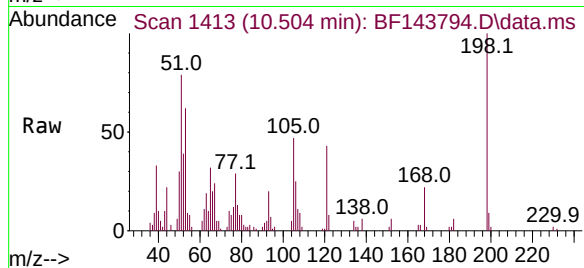
#65
4,6-Dinitro-2-methylphenol
Concen: 17.632 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 15499
Ion Ratio Lower Upper
198 100
51 79.4 52.0 92.0
105 46.7 27.5 67.5

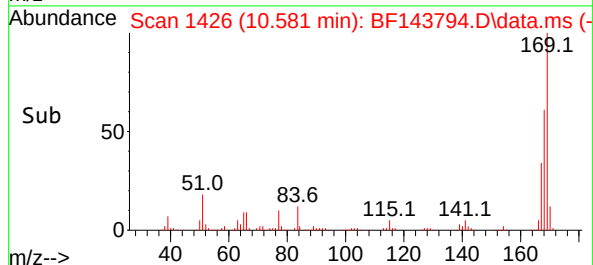
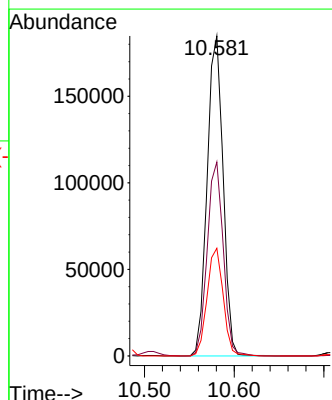
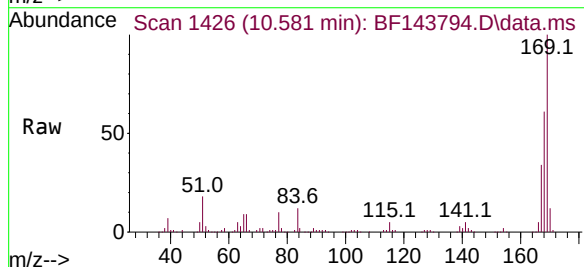
Manual Integrations
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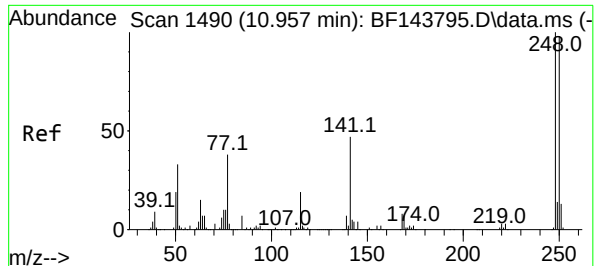
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 20.930 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

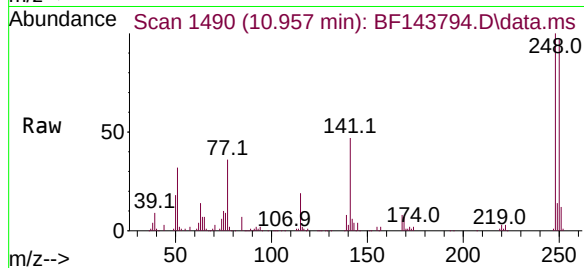
Tgt Ion:169 Resp: 228456
Ion Ratio Lower Upper
169 100
168 60.6 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 20.464 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

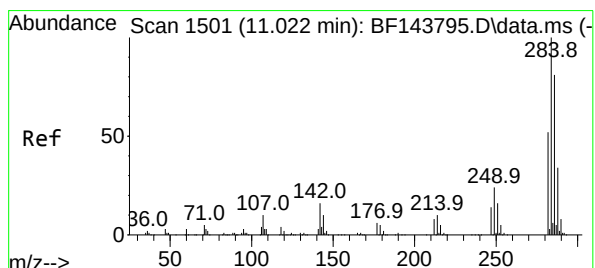
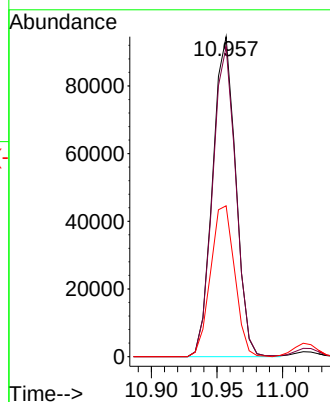
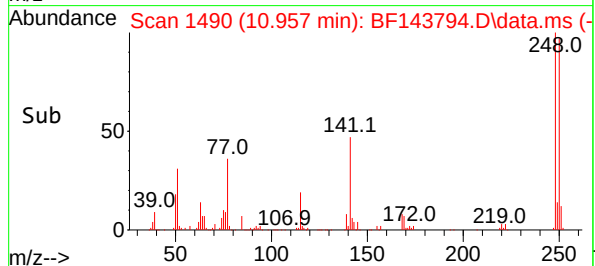
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



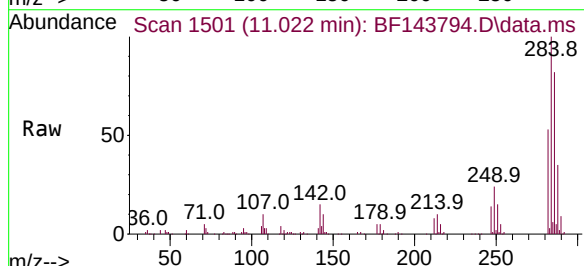
Tgt Ion:248 Resp: 115749
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 47.1 37.9 56.9

Manual Integrations
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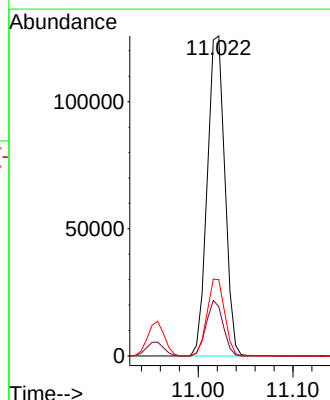
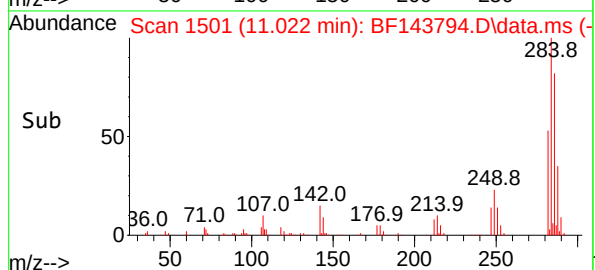
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

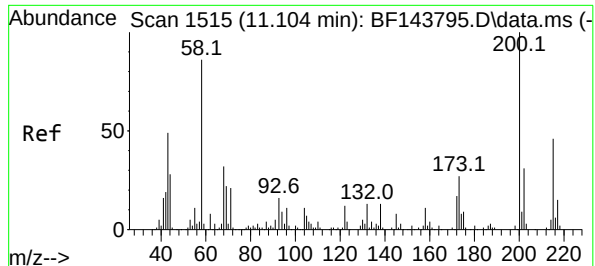


#68
Hexachlorobenzene
Concen: 20.797 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:284 Resp: 162113
Ion Ratio Lower Upper
284 100
142 15.4 13.1 19.7
249 23.8 19.5 29.3





#69

Atrazine

Concen: 20.747 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 65580

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

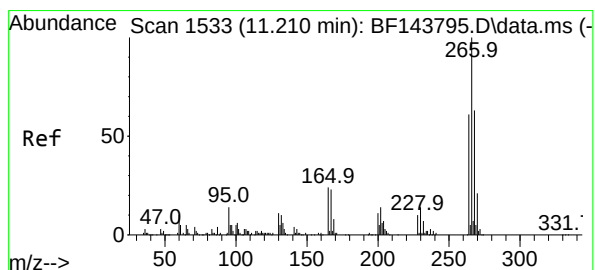
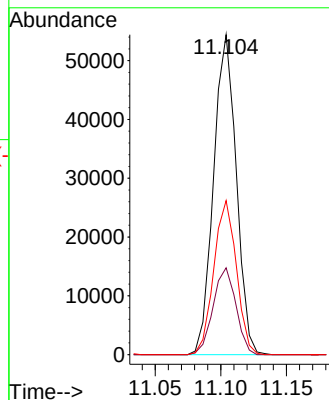
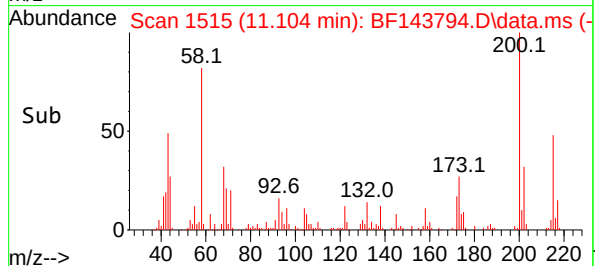
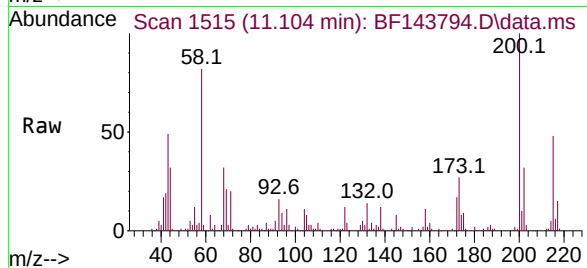
215 48.1 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 18.449 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

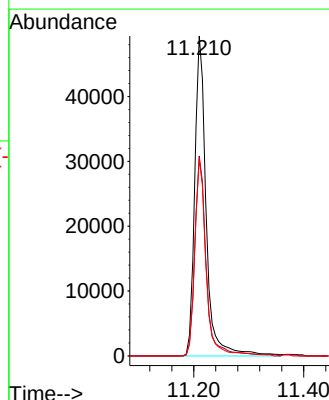
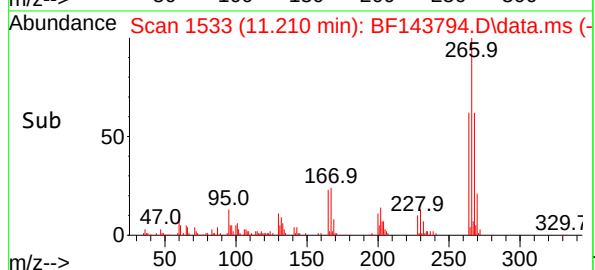
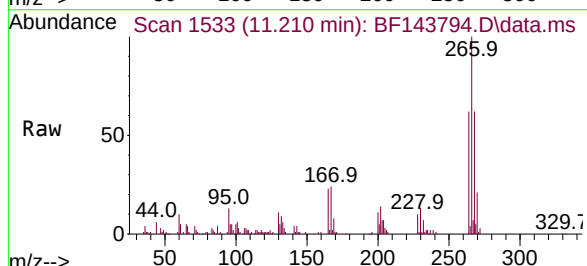
Tgt Ion:266 Resp: 71585

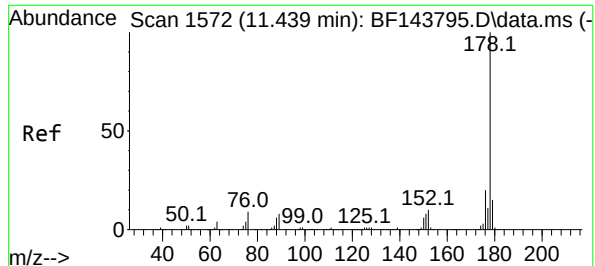
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

264 61.6 48.8 73.2





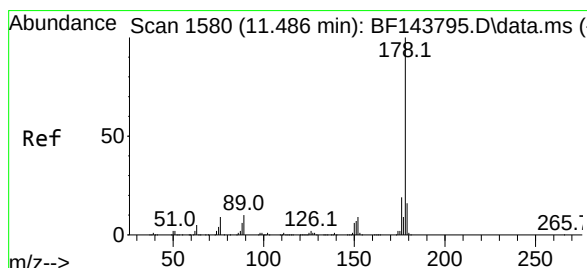
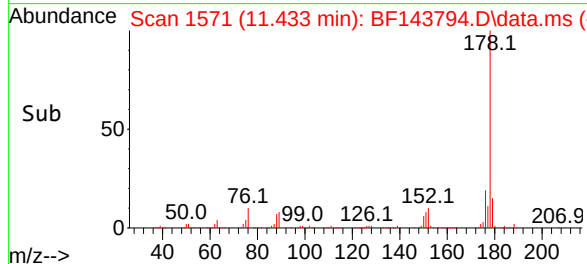
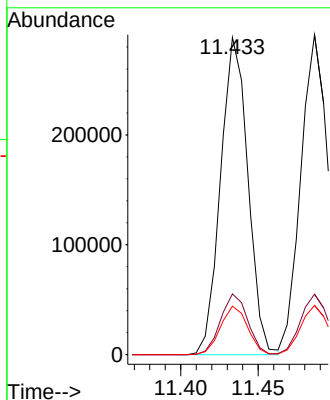
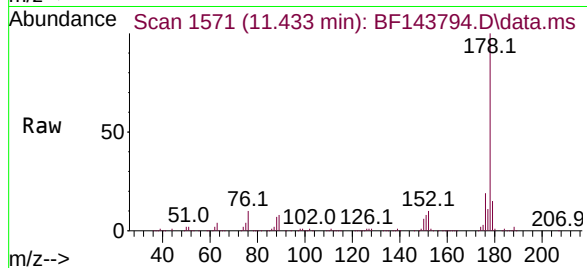
#71
Phenanthrene
Concen: 20.854 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 355364
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.3 12.2 18.4

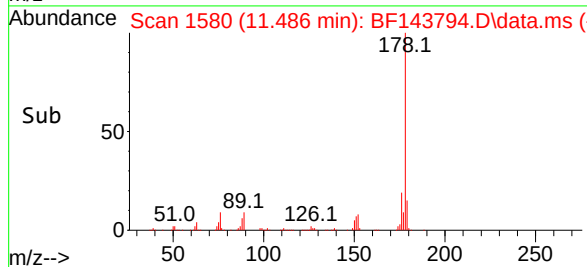
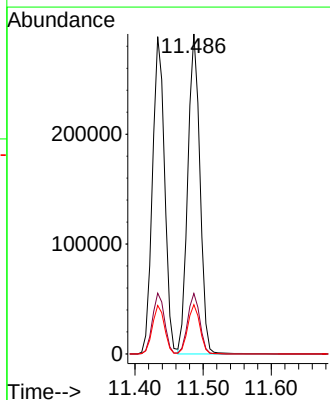
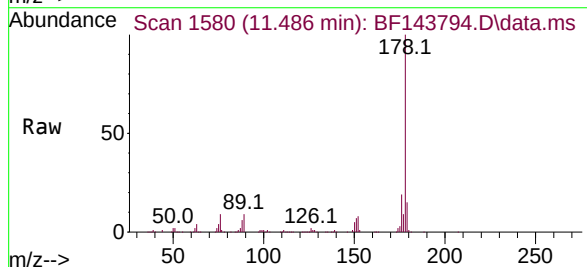
Manual Integrations
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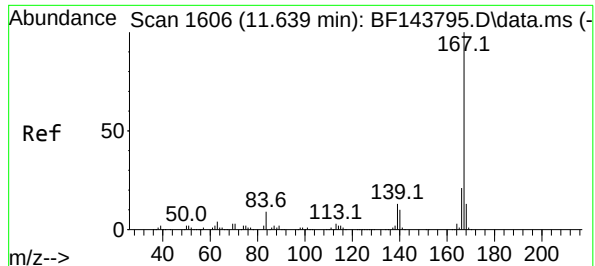
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 21.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

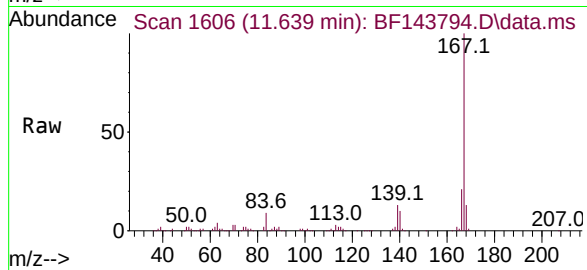
Tgt Ion:178 Resp: 361245
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.8 19.2





#73
 Carbazole
 Concen: 21.072 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

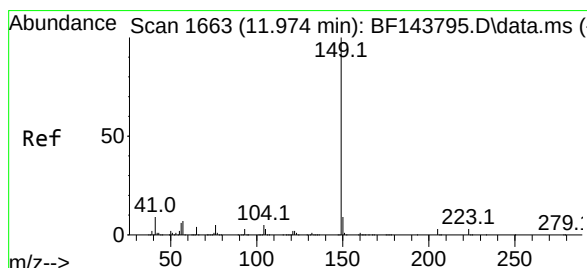
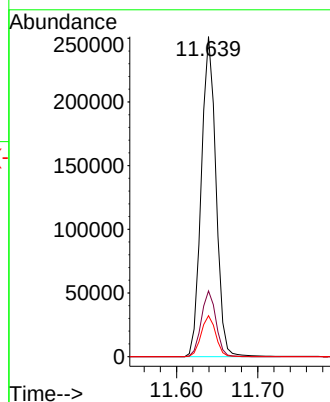
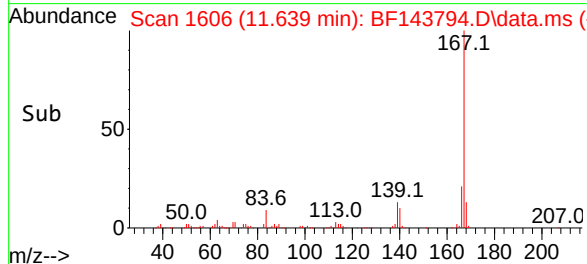
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



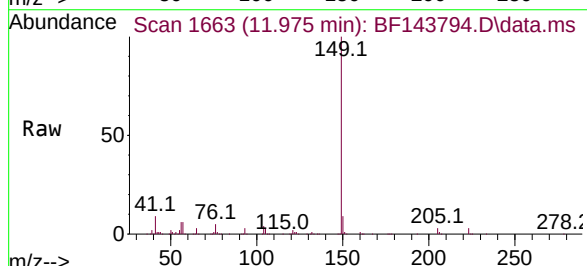
Tgt Ion:167 Resp: 314908
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.4
 139 12.8 10.6 15.8

Manual Integrations
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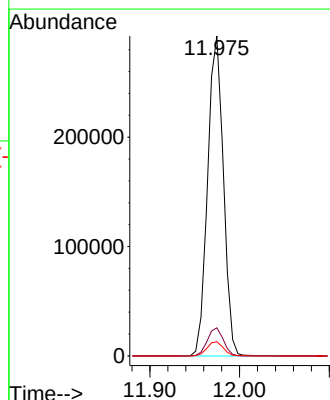
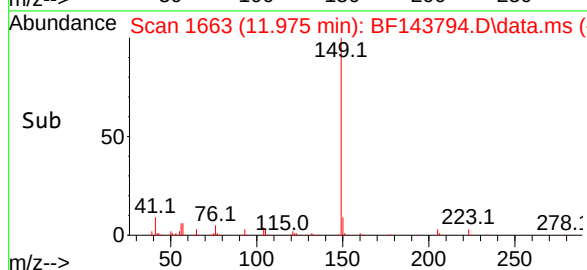
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

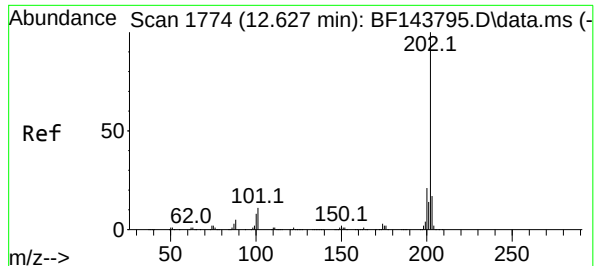


#74
 Di-n-butylphthalate
 Concen: 20.764 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27



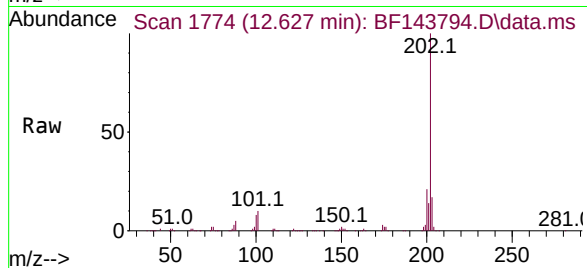
Tgt Ion:149 Resp: 356883
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 21.284 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

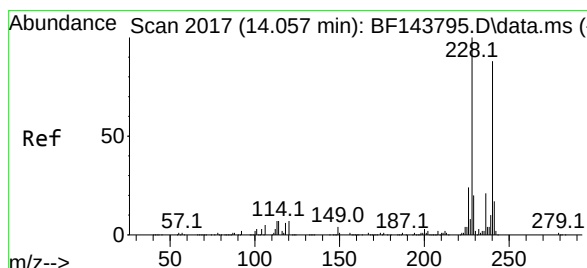
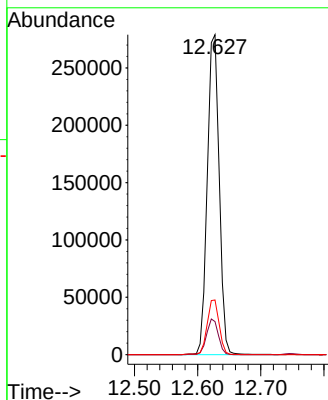
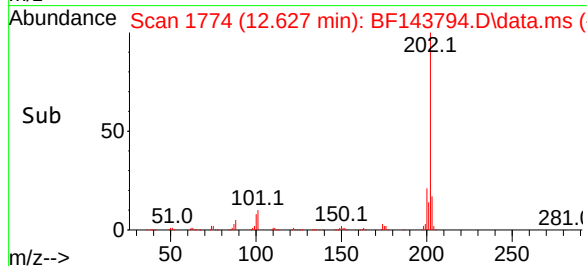
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



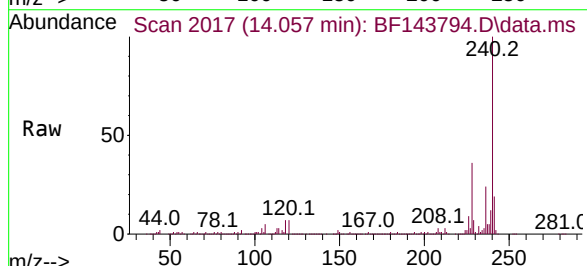
Tgt Ion:202 Resp: 364772
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.1 0.0 37.4

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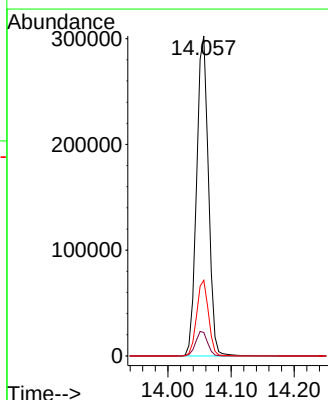
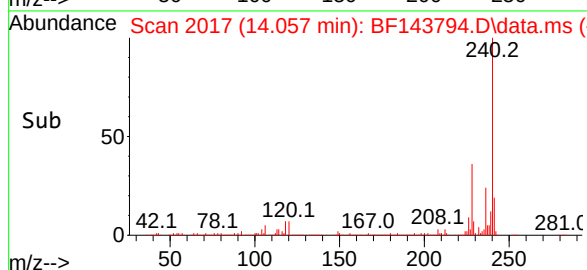
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

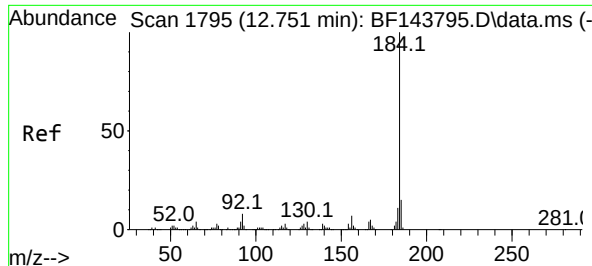


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



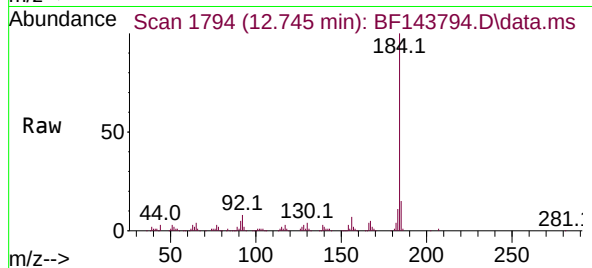
Tgt Ion:240 Resp: 394143
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.6 19.4 29.2





#77
Benzidine
Concen: 18.220 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

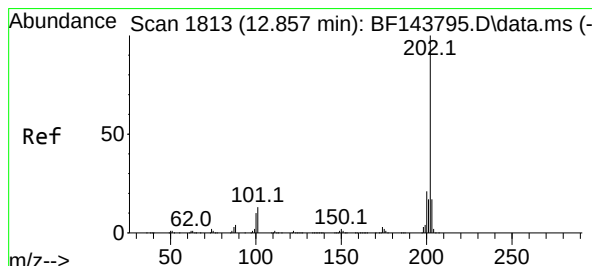
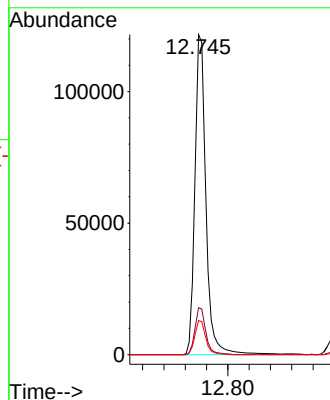
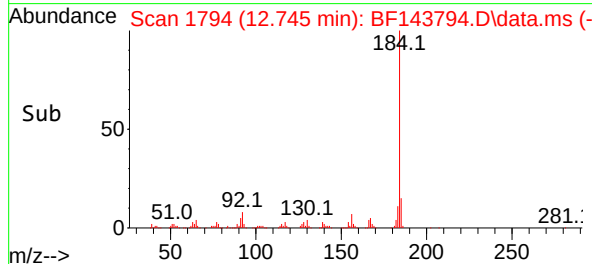
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 174994
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 10.6 8.6 13.0

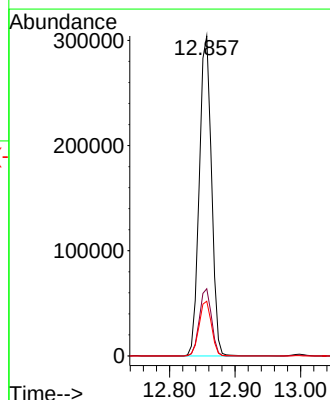
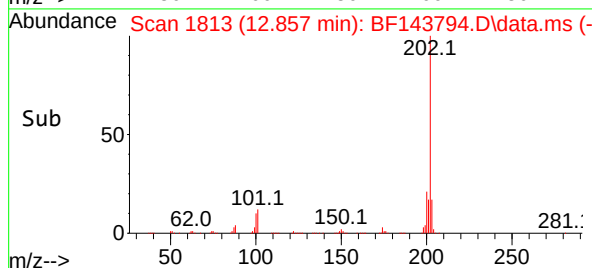
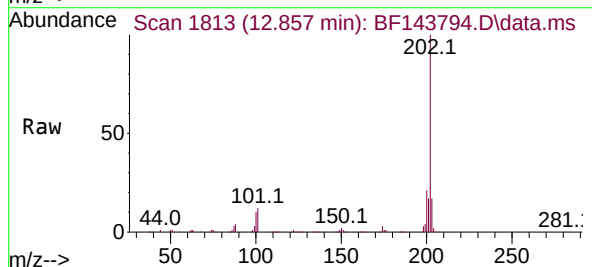
Manual Integrations
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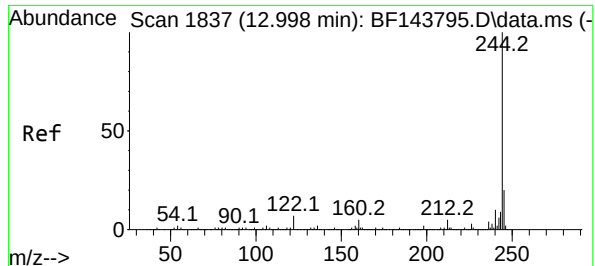
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 20.153 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:202 Resp: 390517
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 39.771 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143794.D

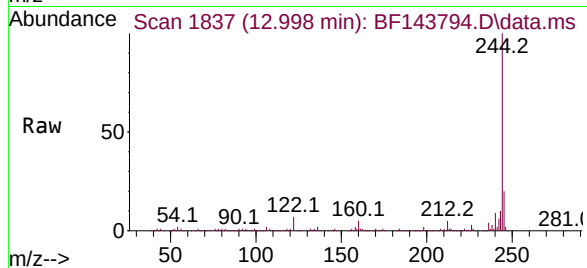
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 798420

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

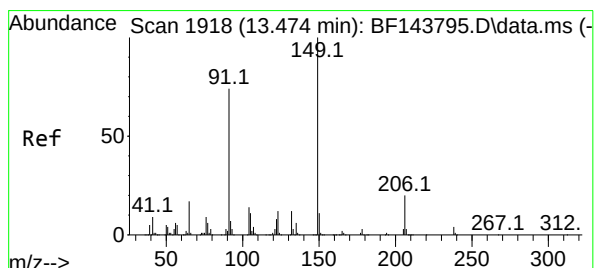
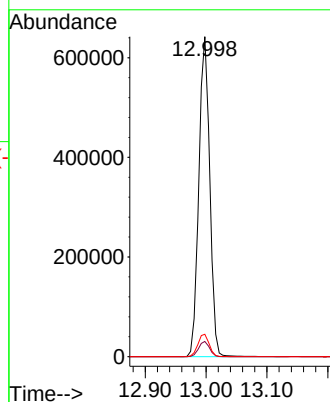
122 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#80

Butylbenzylphthalate

Concen: 19.666 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

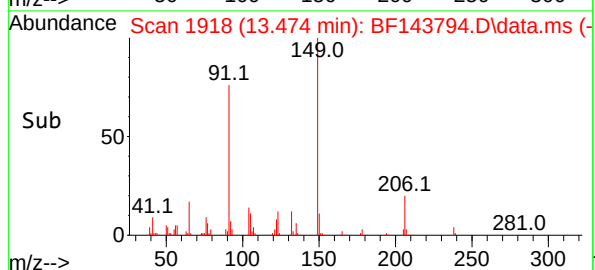
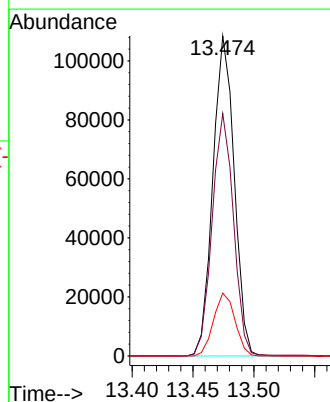
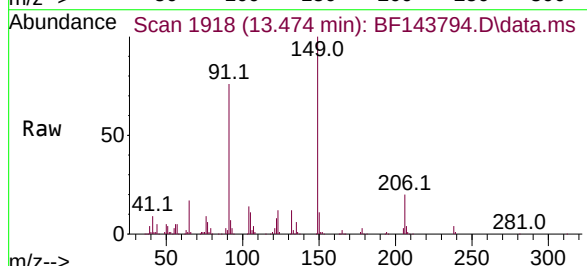
Tgt Ion:149 Resp: 131846

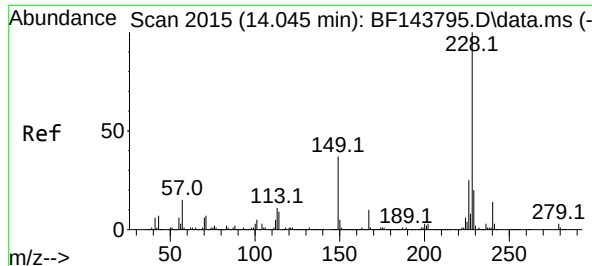
Ion Ratio Lower Upper

149 100

91 75.7 59.5 89.3

206 19.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 20.153 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143794.D

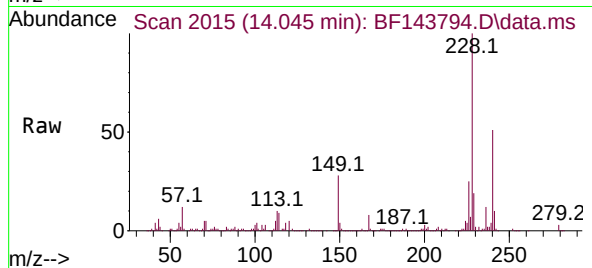
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 426715

Ion Ratio Lower Upper

228 100

226 25.0 20.2 30.2

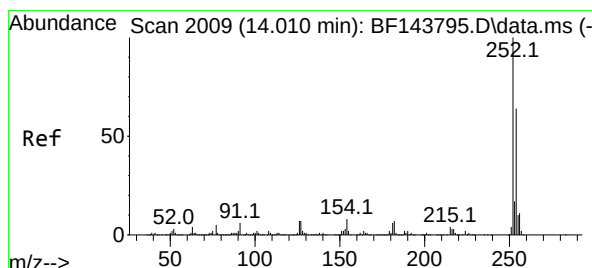
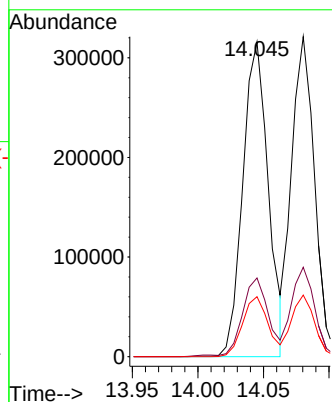
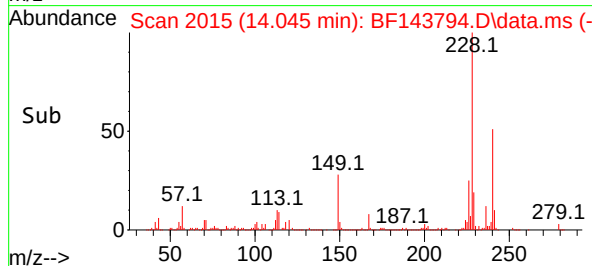
229 19.0 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#82

3,3'-Dichlorobenzidine

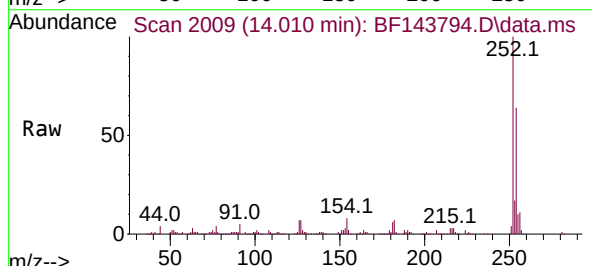
Concen: 19.974 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



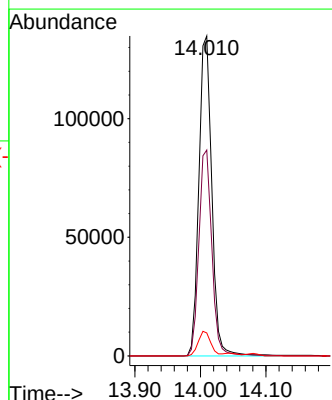
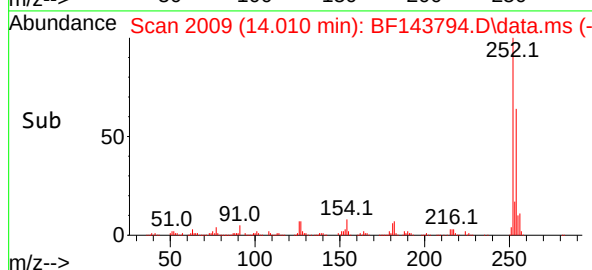
Tgt Ion:252 Resp: 183227

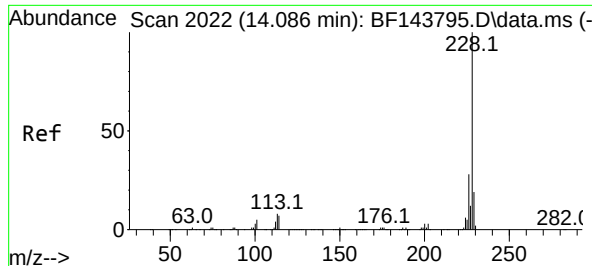
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

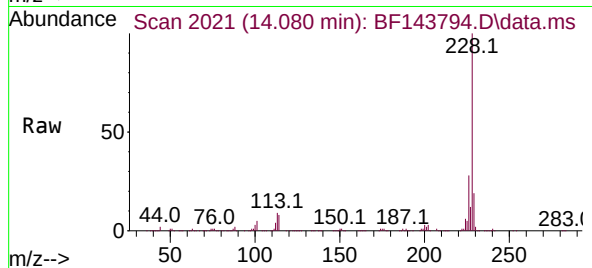
126 7.2 5.4 8.2





#83
Chrysene
Concen: 20.482 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

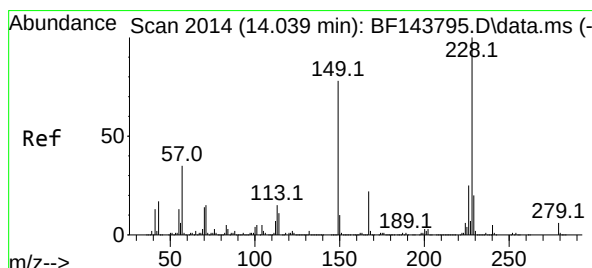
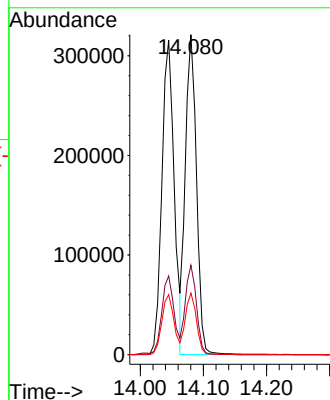
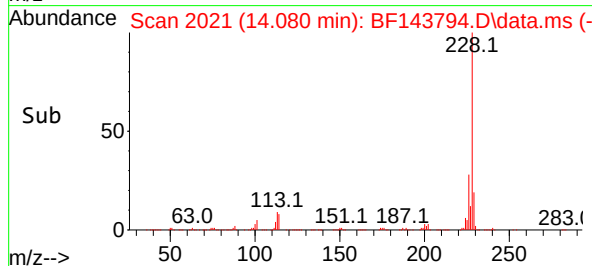
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 392431
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.2 15.6 23.4

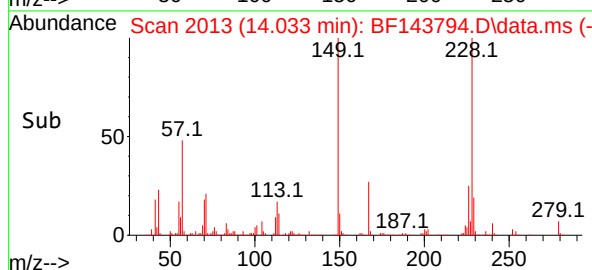
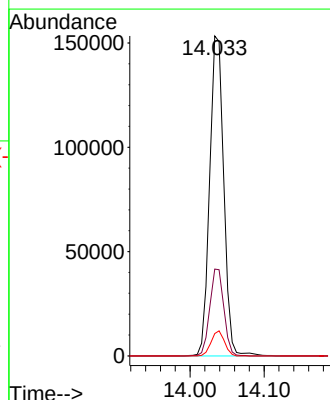
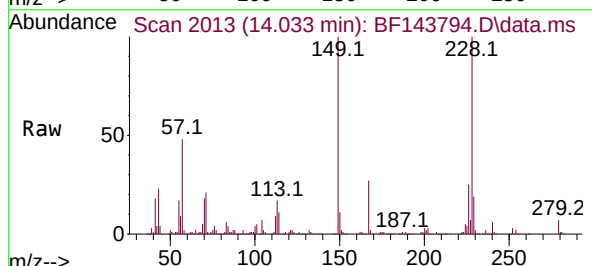
Manual Integrations
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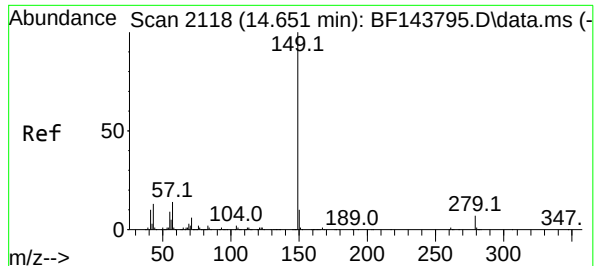
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.620 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

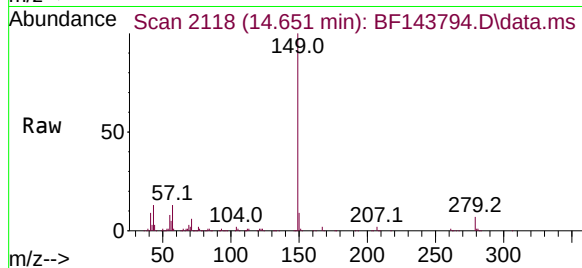
Tgt Ion:149 Resp: 202632
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 7.0 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 19.397 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

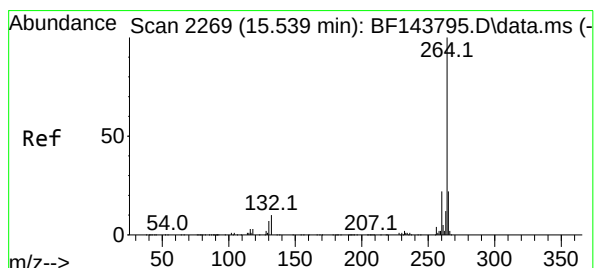
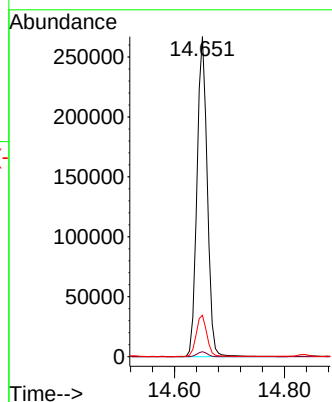
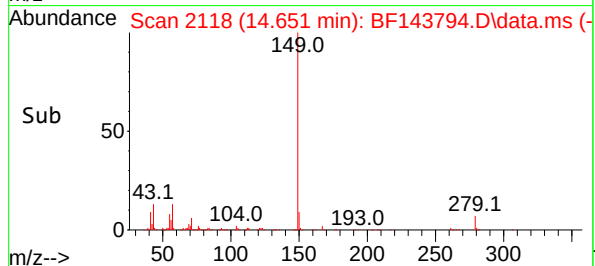
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 345751
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.6 10.7 16.1

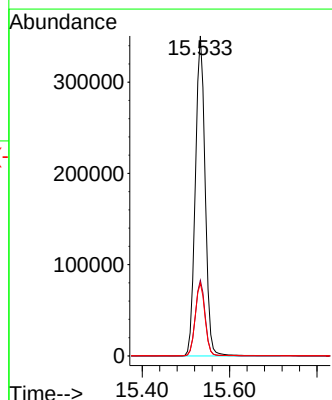
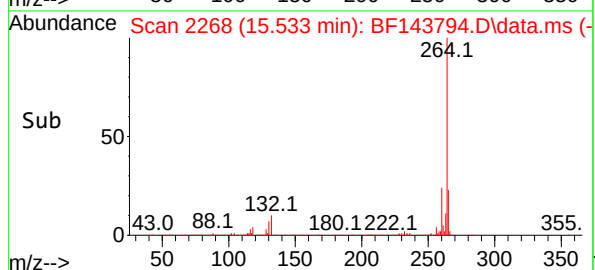
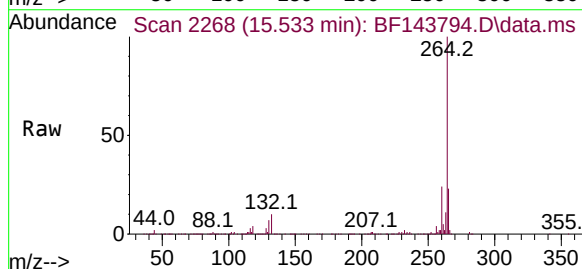
Manual Integrations
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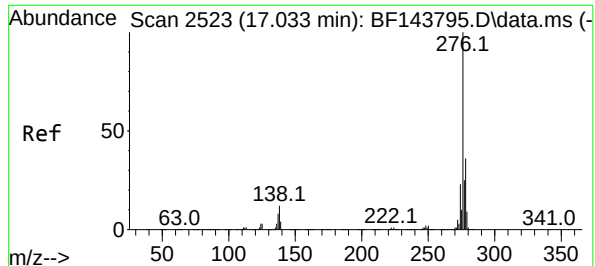
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

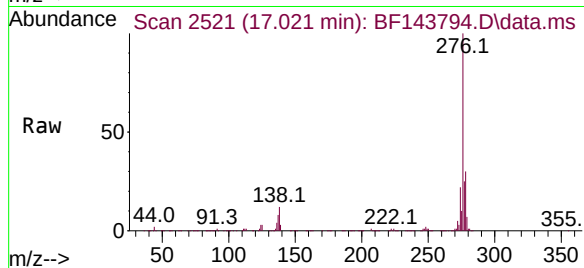
Tgt Ion:264 Resp: 545751
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.7 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.824 ng
RT: 17.021 min Scan# 2194
Delta R.T. -0.023 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

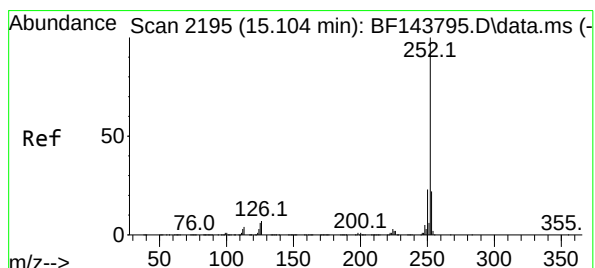
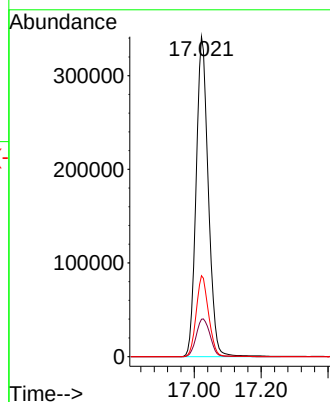
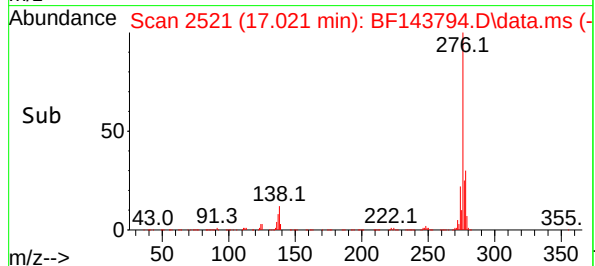
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 862284
Ion Ratio Lower Upper
276 100
138 13.4 10.6 15.8
277 25.7 20.7 31.1

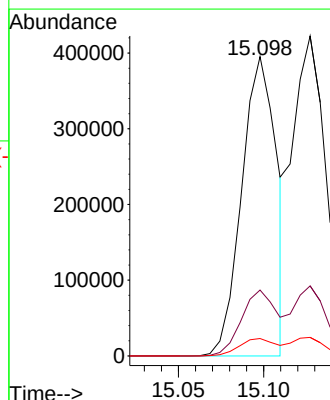
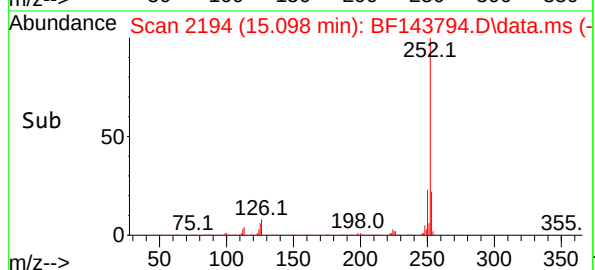
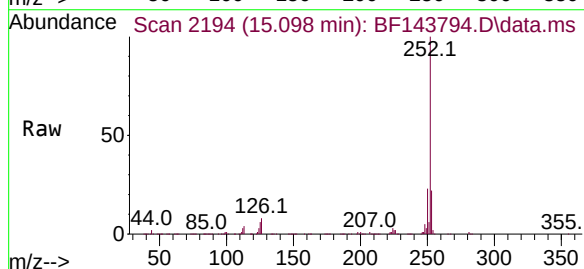
Manual Integrations
APPROVED

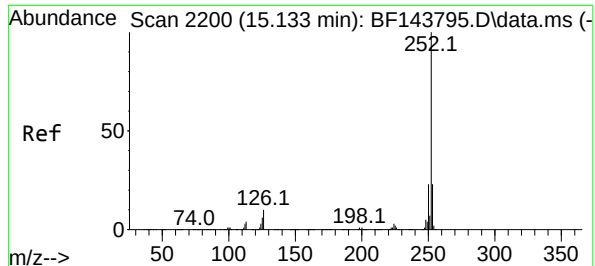
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 20.215 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 252 Resp: 561825
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 5.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 21.102 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 58920

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

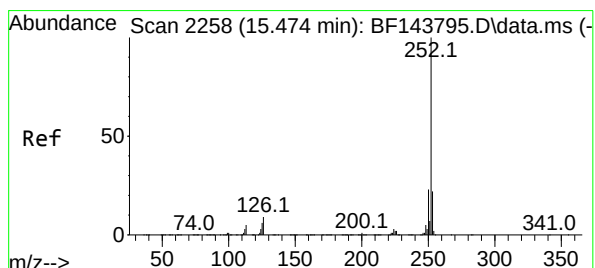
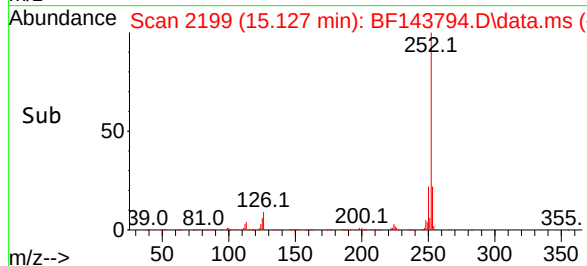
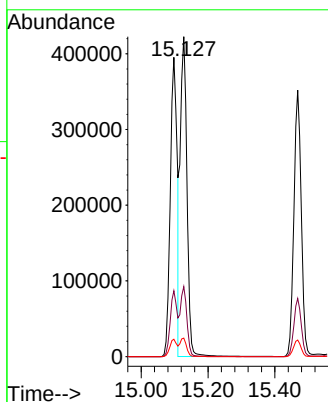
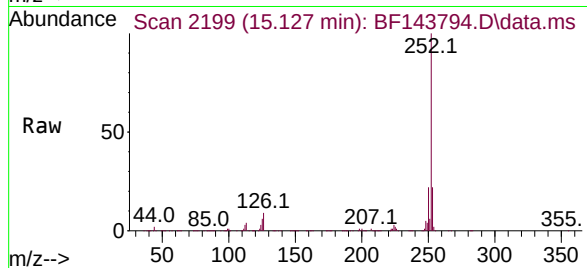
125 5.8 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 20.654 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

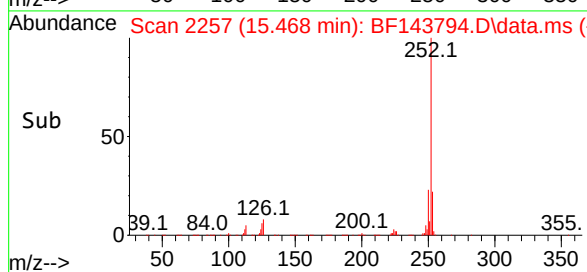
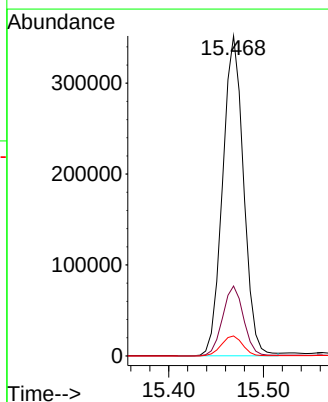
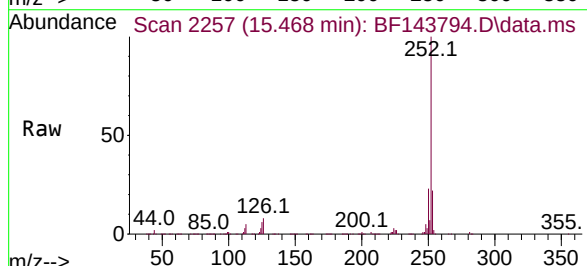
Tgt Ion:252 Resp: 539579

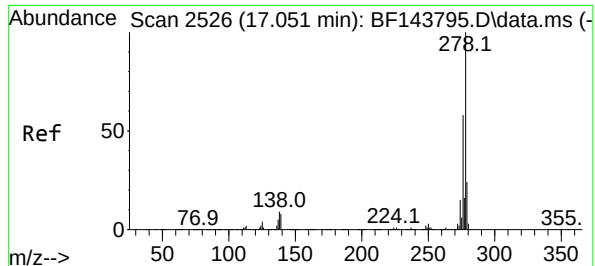
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

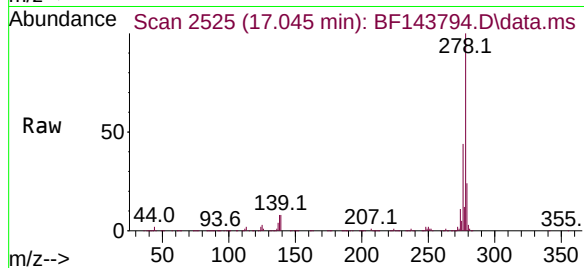
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 20.980 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

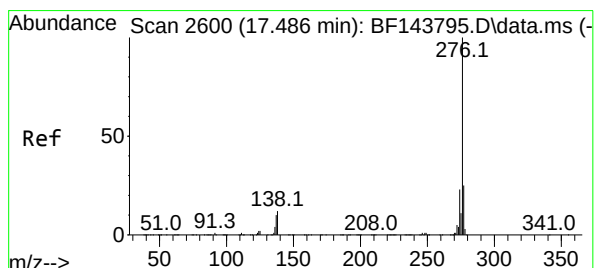
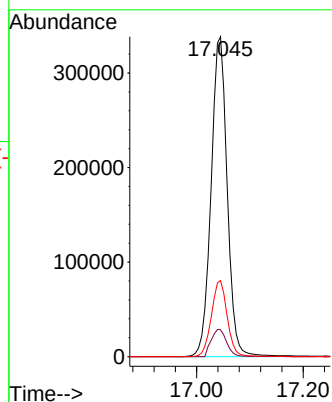
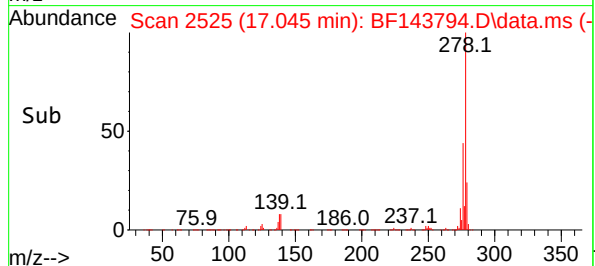
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 710542
Ion Ratio Lower Upper
278 100
139 8.4 6.7 10.1
279 23.8 19.3 28.9

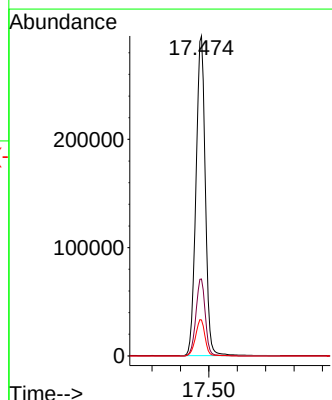
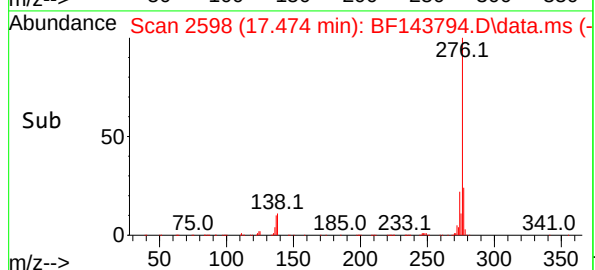
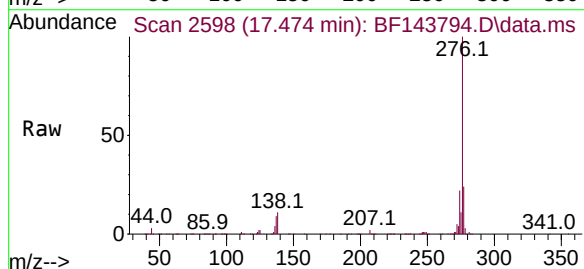
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 20.621 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.029 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:276 Resp: 673228
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 11.2 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143795.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113314	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405913	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304940	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365989	20.000	ng	0.00
86) Perylene-d12	15.539	264	525577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	602322	85.545	ng	0.00
7) Phenol-d6	6.504	99	690438	83.097	ng	0.00
23) Nitrobenzene-d5	7.445	82	573383	88.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	256232	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056299	79.854	ng	0.00
79) Terphenyl-d14	12.998	244	1496108	80.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	144938	43.417	ng	100
3) Pyridine	3.399	79	390716	43.360	ng	100
4) n-Nitrosodimethylamine	3.340	42	192963	42.707	ng	100
6) Aniline	6.545	93	486101	41.561	ng	100
8) 2-Chlorophenol	6.669	128	302589	42.379	ng	100
9) Benzaldehyde	6.434	77	332514	47.119	ng	100
10) Phenol	6.516	94	396049m	42.282	ng	
11) bis(2-Chloroethyl)ether	6.616	93	309829	42.197	ng	100
12) 1,3-Dichlorobenzene	6.828	146	350005	42.220	ng	100
13) 1,4-Dichlorobenzene	6.904	146	348233	42.092	ng	100
14) 1,2-Dichlorobenzene	7.057	146	328481	41.922	ng	100
15) Benzyl Alcohol	7.022	79	246535	42.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	732266	42.058	ng	100
17) 2-Methylphenol	7.128	107	231425	41.866	ng	100
18) Hexachloroethane	7.398	117	123042	42.290	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	207240	39.992	ng	100
20) 3+4-Methylphenols	7.281	107	288081	42.795	ng	100
22) Acetophenone	7.292	105	375588	42.128	ng	100
24) Nitrobenzene	7.463	77	315613	42.939	ng	100
25) Isophorone	7.704	82	546218	42.269	ng	100
26) 2-Nitrophenol	7.781	139	120369	40.347	ng	100
27) 2,4-Dimethylphenol	7.810	122	246324	42.648	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	354402	42.213	ng	100
29) 2,4-Dichlorophenol	8.022	162	242031	42.587	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	250976	42.554	ng	100
31) Naphthalene	8.192	128	814068	41.894	ng	100
32) Benzoic acid	7.892	122	114033	40.921	ng	100
33) 4-Chloroaniline	8.233	127	288280	42.217	ng	100
34) Hexachlorobutadiene	8.310	225	188867	42.957	ng	100
35) Caprolactam	8.586	113	60592	41.712	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	224136	42.051	ng	100
37) 2-Methylnaphthalene	8.881	142	515616	41.614	ng	100
38) 1-Methylnaphthalene	8.981	142	496939	41.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245432	41.605	ng	100
41) Hexachlorocyclopentadiene	9.033	237	163505	43.733	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164818	44.620	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143795.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165369	42.801	ng	100
46) 1,1'-Biphenyl	9.345	154	584522	41.309	ng	100
47) 2-Chloronaphthalene	9.369	162	474899	41.694	ng	100
48) 2-Nitroaniline	9.463	65	156231	45.383	ng	100
49) Acenaphthylene	9.786	152	660923	42.150	ng	100
50) Dimethylphthalate	9.639	163	502623	42.186	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89151	45.543	ng	100
52) Acenaphthene	9.957	154	433748	42.036	ng	100
53) 3-Nitroaniline	9.869	138	110739	46.671	ng	100
54) 2,4-Dinitrophenol	9.975	184	24685	41.301	ng	100
55) Dibenzofuran	10.128	168	610393	41.833	ng	100
56) 4-Nitrophenol	10.016	139	81189	42.462	ng	100
57) 2,4-Dinitrotoluene	10.104	165	120114	41.745	ng	100
58) Fluorene	10.475	166	448265	41.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	145681	44.013	ng	100
60) Diethylphthalate	10.345	149	473302	42.438	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	230643	41.729	ng	100
62) 4-Nitroaniline	10.480	138	103193	46.254	ng	100
63) Azobenzene	10.627	77	499929	42.532	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	42447	40.163	ng	100
66) n-Nitrosodiphenylamine	10.580	169	416100	41.492	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	219921	42.319	ng	100
68) Hexachlorobenzene	11.022	284	300364	41.941	ng	100
69) Atrazine	11.104	200	128423	44.222	ng	100
70) Pentachlorophenol	11.210	266	156073	43.781	ng	100
71) Phenanthrene	11.439	178	660040	42.160	ng	100
72) Anthracene	11.486	178	660736	42.075	ng	100
73) Carbazole	11.639	167	595454	43.368	ng	100
74) Di-n-butylphthalate	11.974	149	705755	44.694	ng	100
75) Fluoranthene	12.627	202	697899	44.322	ng	100
77) Benzidine	12.751	184	374182	41.956	ng	100
78) Pyrene	12.857	202	735401	40.870	ng	100
80) Butylbenzylphthalate	13.474	149	286527	46.027	ng	100
81) Benzo(a)anthracene	14.045	228	840188	42.732	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	363730	42.702	ng	100
83) Chrysene	14.086	228	744962	41.873	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	408417	44.759	ng	100
85) Di-n-octyl phthalate	14.651	149	741702	44.811	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	1690390	42.389	ng	100
88) Benzo(b)fluoranthene	15.104	252	1160651	43.365	ng	100
89) Benzo(k)fluoranthene	15.133	252	1144789	42.573	ng	100
90) Benzo(a)pyrene	15.474	252	1079512	42.908	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1399884	42.920	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1344334	42.757	ng	100

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

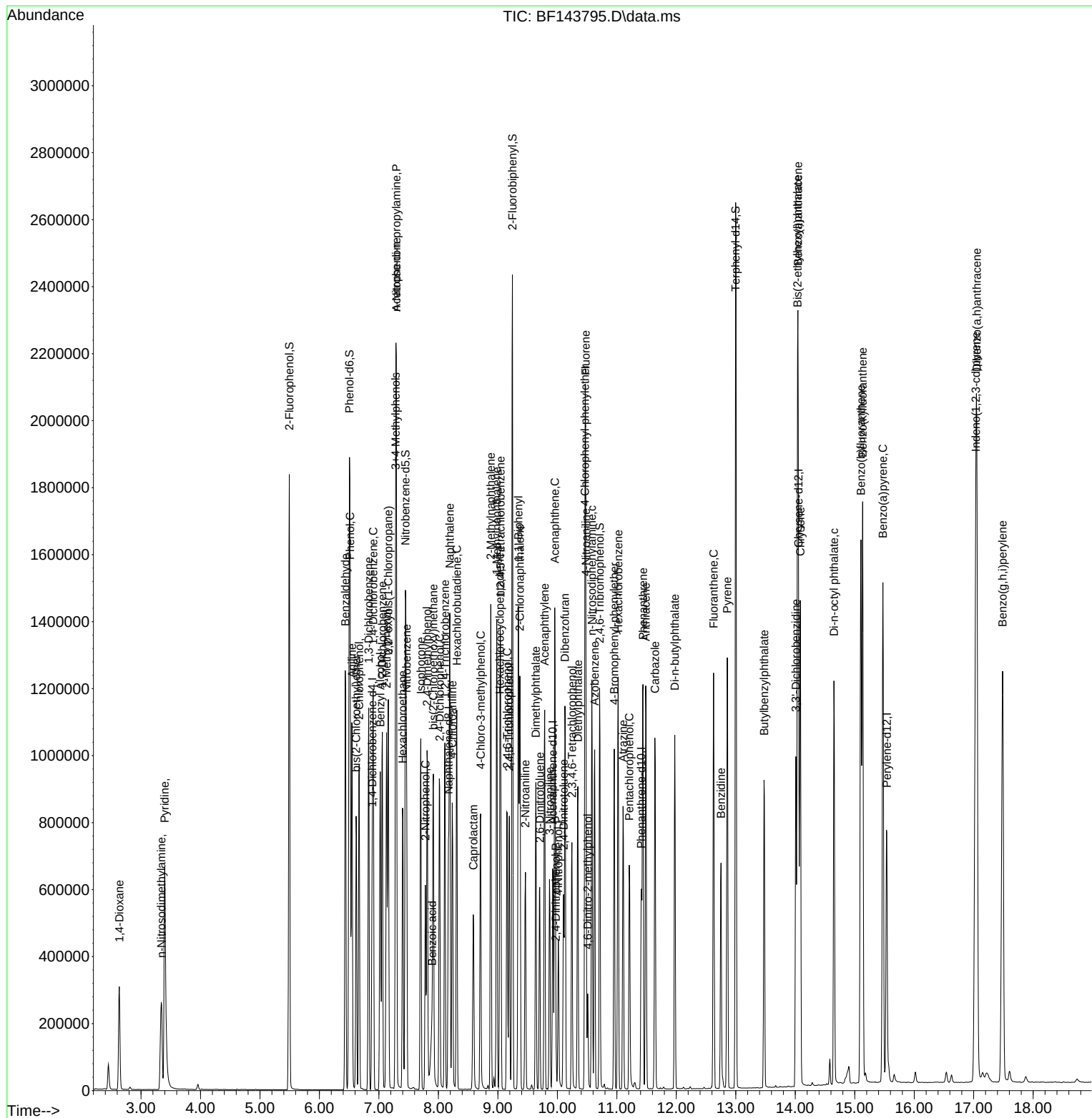
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Data File : BF143795.D  
Acq On    : 23 Sep 2025 13:59  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
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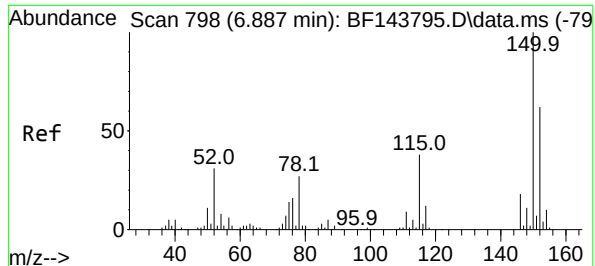
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

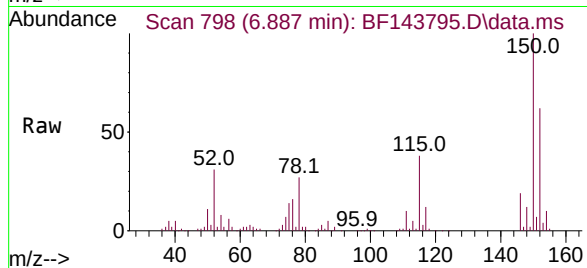
Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

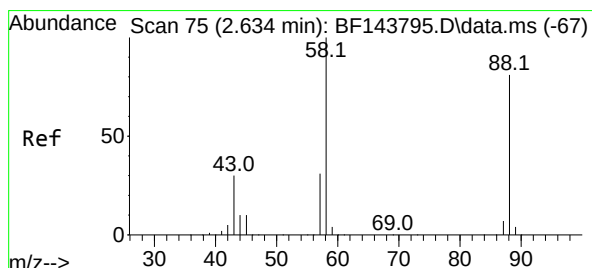
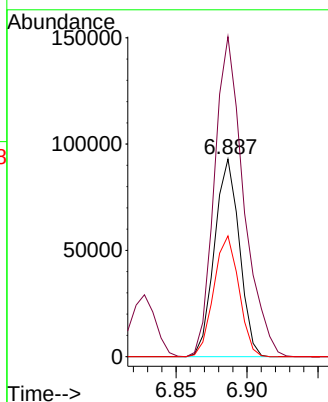
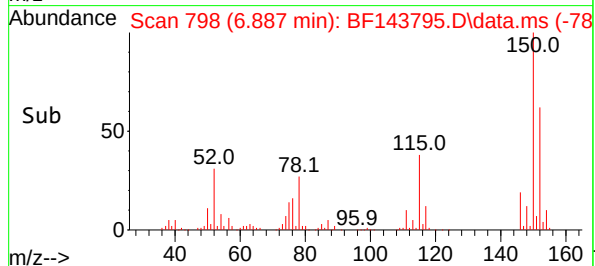
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 113314
Ion Ratio Lower Upper
152 100
150 162.0 129.6 194.4
115 61.2 49.0 73.4

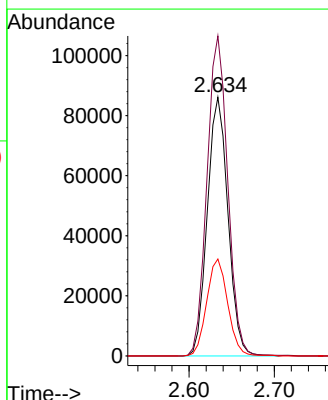
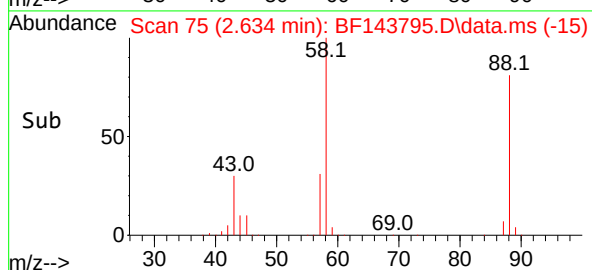
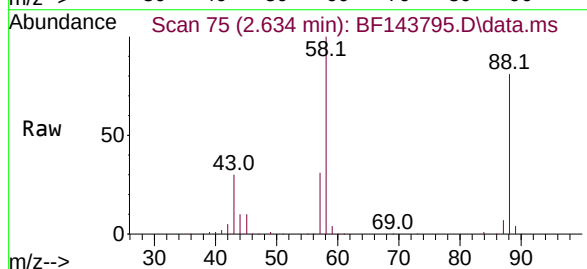
Manual Integrations
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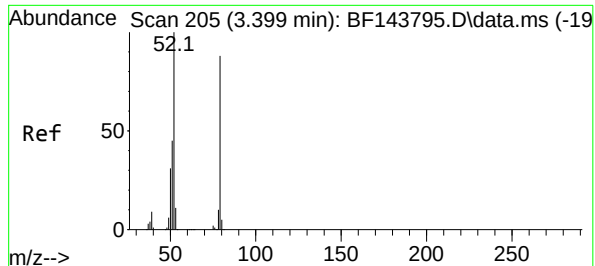
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 43.417 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

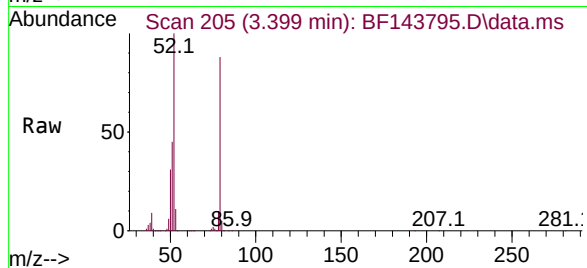
Tgt Ion: 88 Resp: 144938
Ion Ratio Lower Upper
88 100
58 124.3 99.4 149.2
43 38.2 30.6 45.8





#3
Pyridine
Concen: 43.360 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

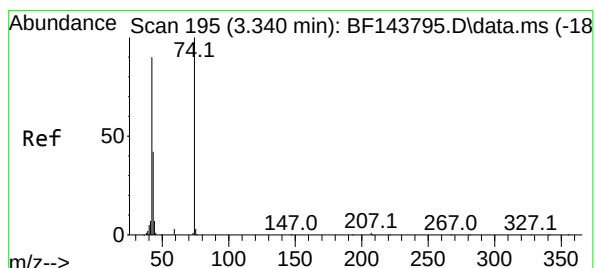
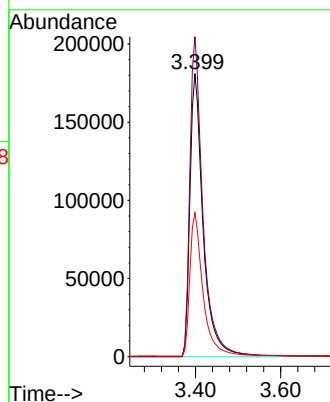
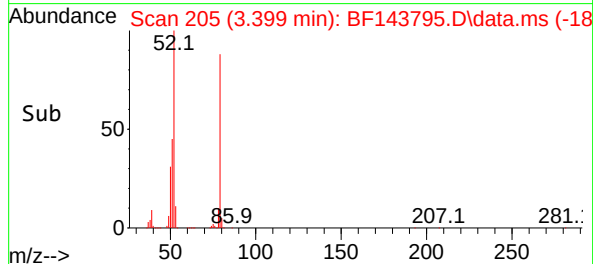
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 390716
Ion Ratio Lower Upper
79 100
52 113.1 90.5 135.7
51 50.8 40.6 61.0

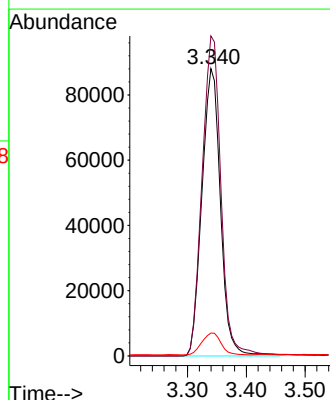
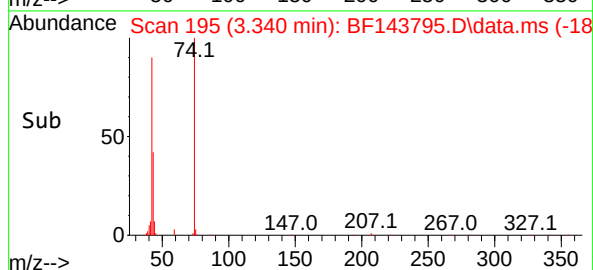
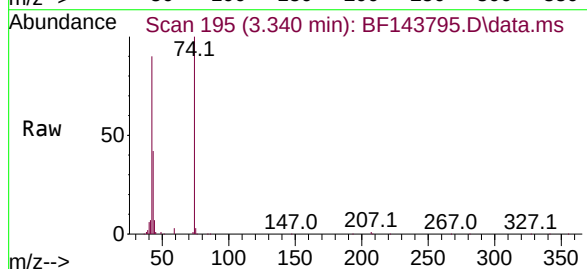
Manual Integrations
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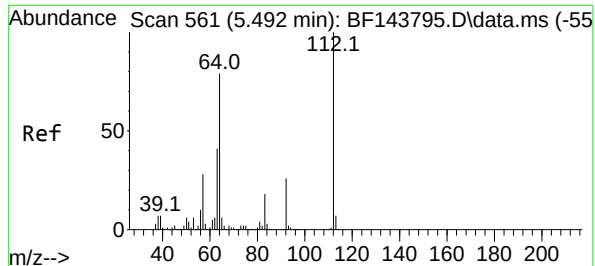
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 42.707 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 42 Resp: 192963
Ion Ratio Lower Upper
42 100
74 111.4 89.1 133.7
44 8.0 6.4 9.6





#5

2-Fluorophenol

Concen: 85.545 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:112 Resp: 602322

Ion Ratio Lower Upper

112 100

64 78.7 63.0 94.4

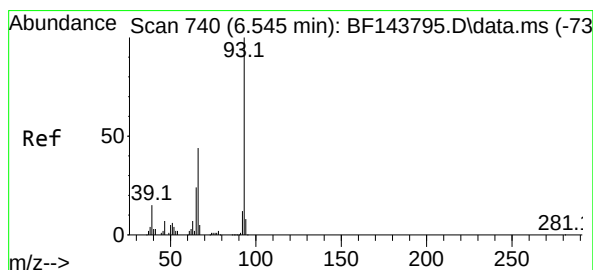
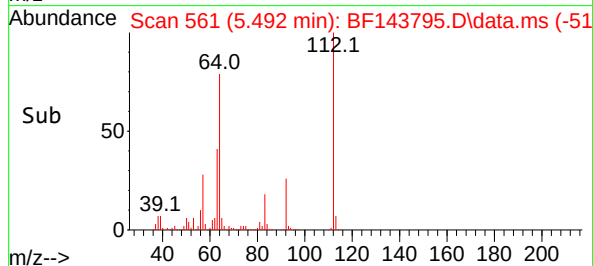
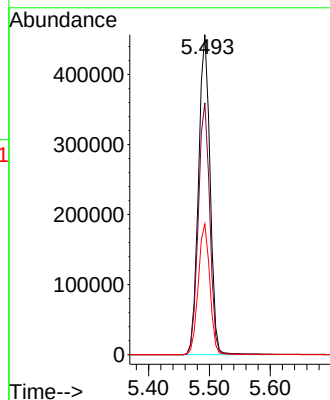
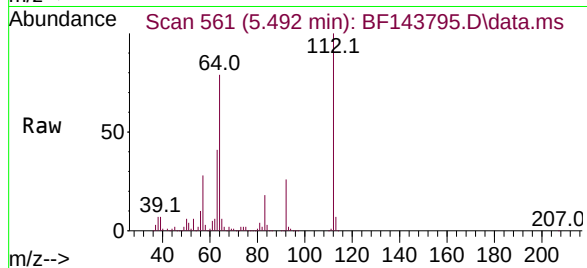
63 40.8 32.6 49.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#6

Aniline

Concen: 41.561 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

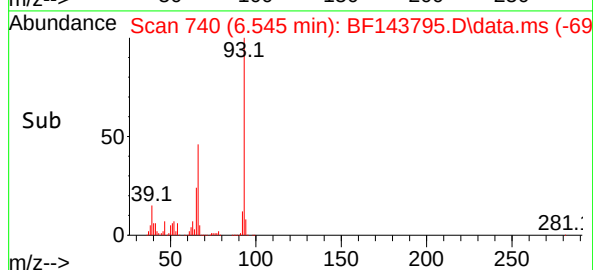
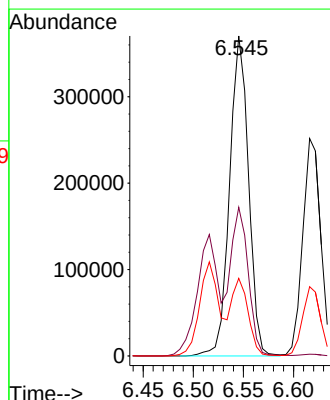
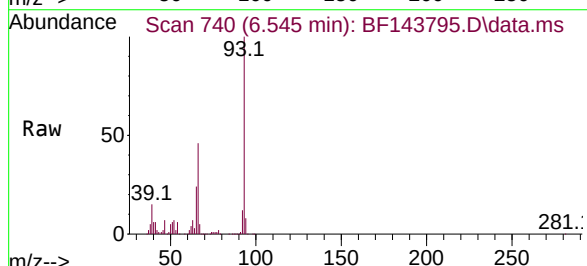
Tgt Ion: 93 Resp: 486101

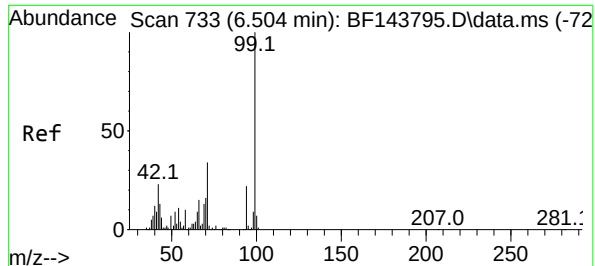
Ion Ratio Lower Upper

93 100

66 46.4 37.1 55.7

65 24.2 19.4 29.0





#7

Phenol-d6

Concen: 83.097 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 690438

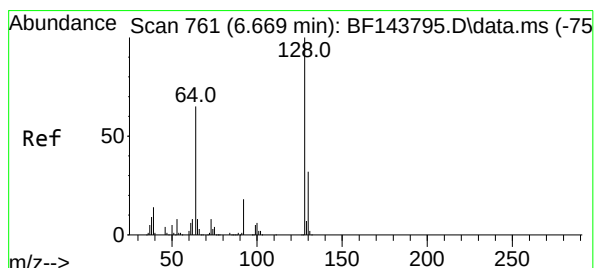
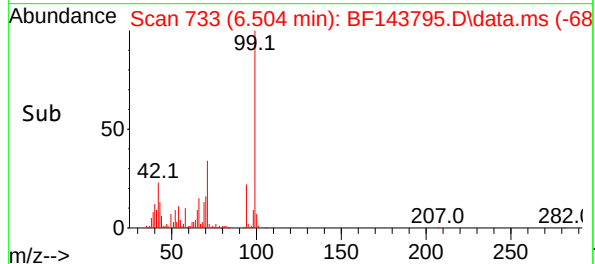
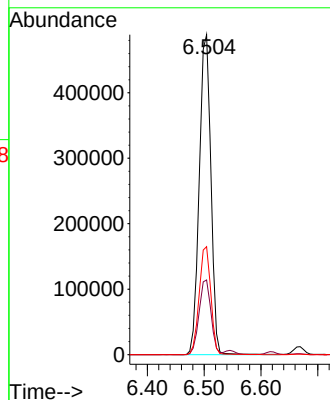
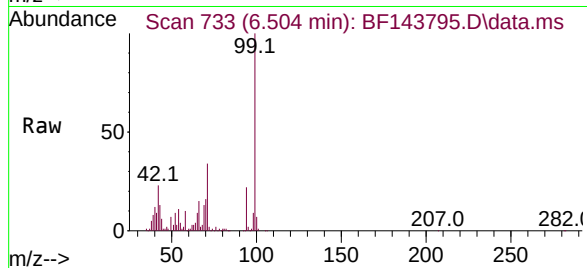
Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	28.0
71	33.7	27.0	40.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#8

2-Chlorophenol

Concen: 42.379 ng

RT: 6.669 min Scan# 761

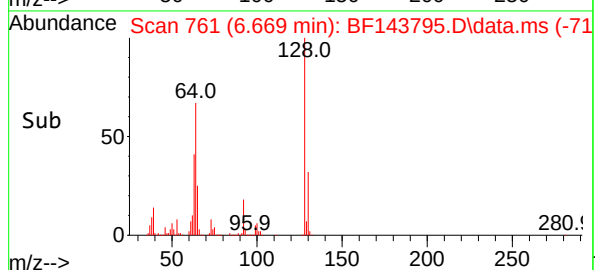
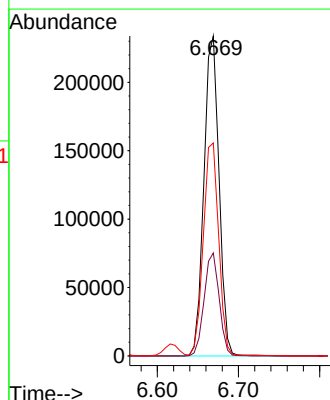
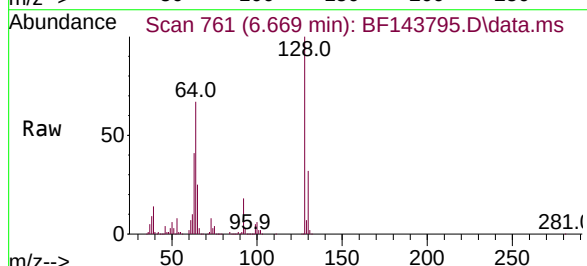
Delta R.T. 0.000 min

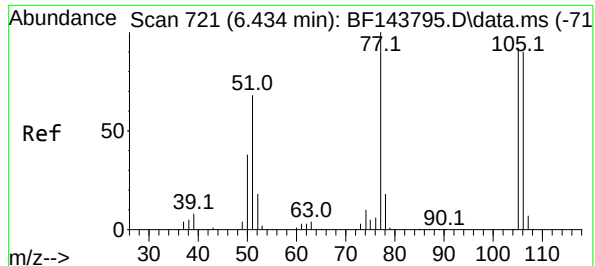
Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:128 Resp: 302589

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	66.5	46.5	86.5





#9

Benzaldehyde

Concen: 47.119 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 332514

Ion Ratio Lower Upper

77 100

105 91.8 71.8 111.8

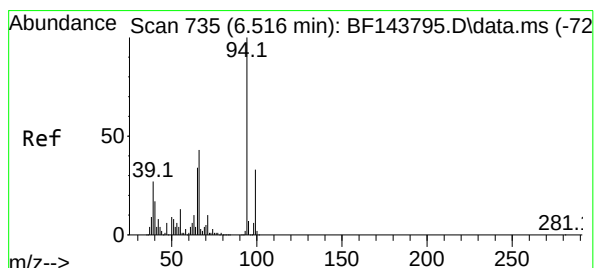
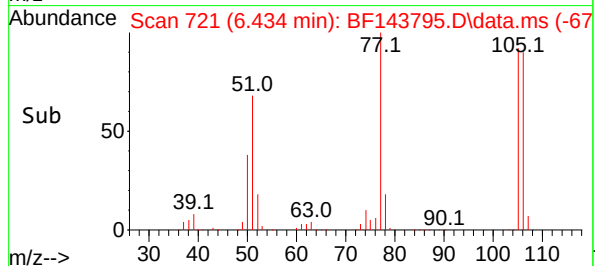
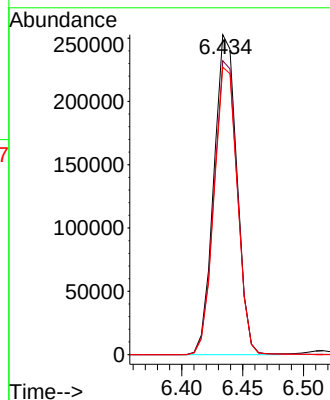
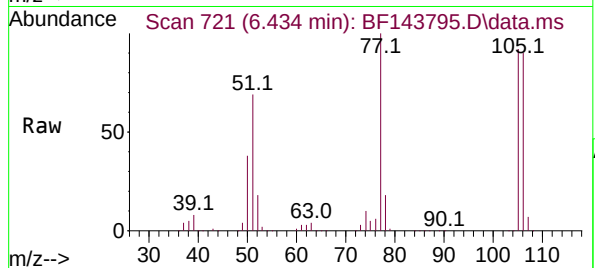
106 89.8 69.8 109.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 42.282 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

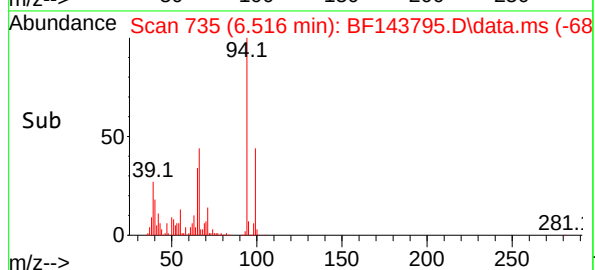
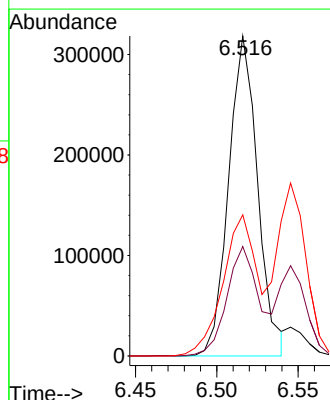
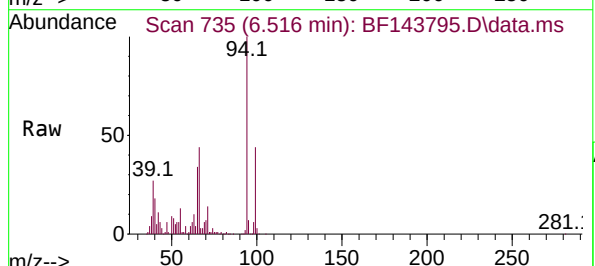
Tgt Ion: 94 Resp: 396049

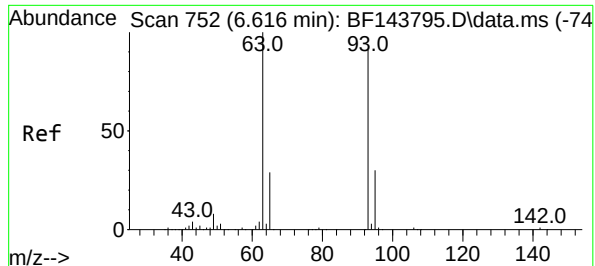
Ion Ratio Lower Upper

94 100

65 34.2 14.2 54.2

66 44.1 24.1 64.1





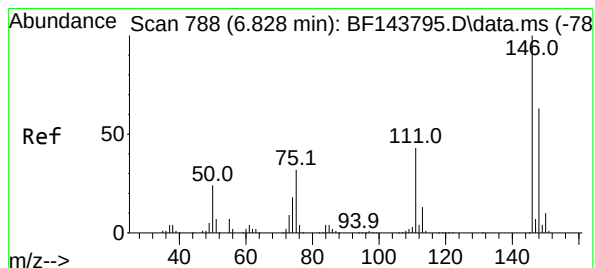
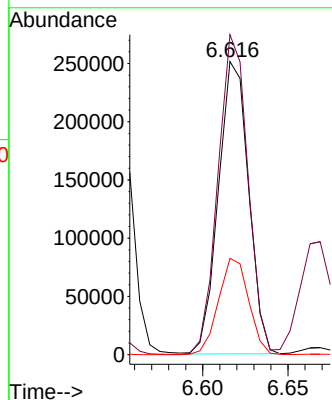
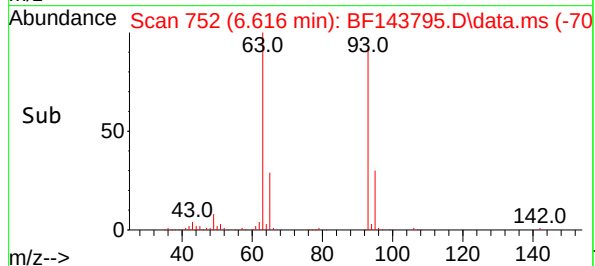
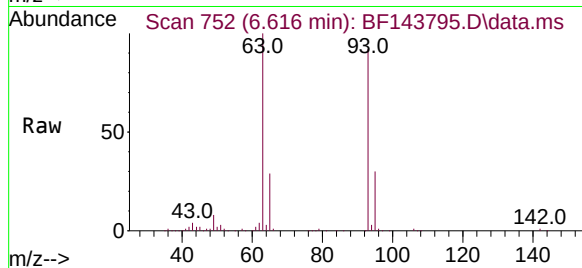
#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 93 Resp: 309829
Ion Ratio Lower Upper
93 100
63 109.2 89.2 129.2
95 32.9 12.9 52.9

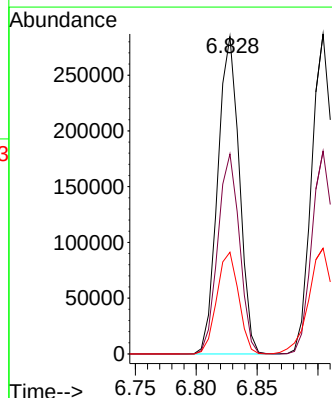
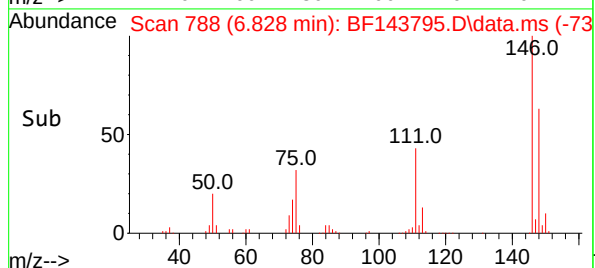
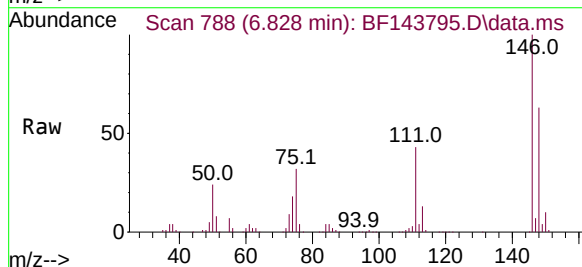
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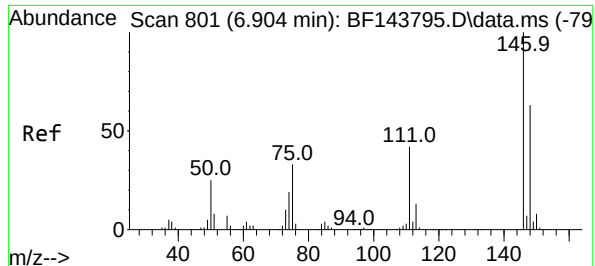
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#12
1,3-Dichlorobenzene
Concen: 42.220 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:146 Resp: 350005
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 32.0 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.092 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 348233

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

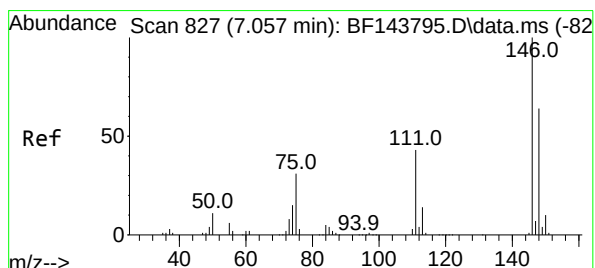
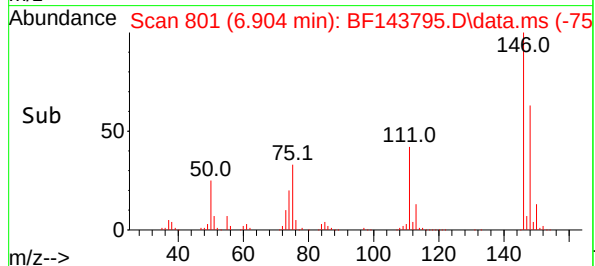
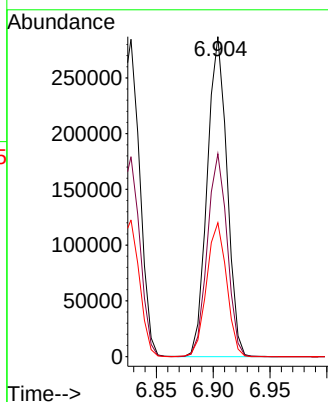
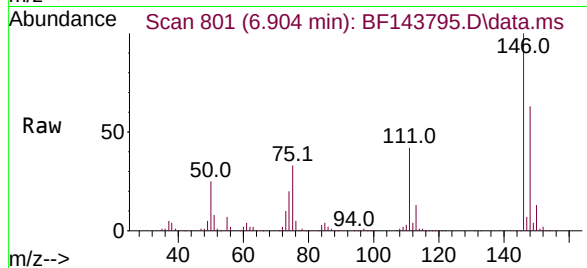
111 41.8 33.4 50.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 41.922 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

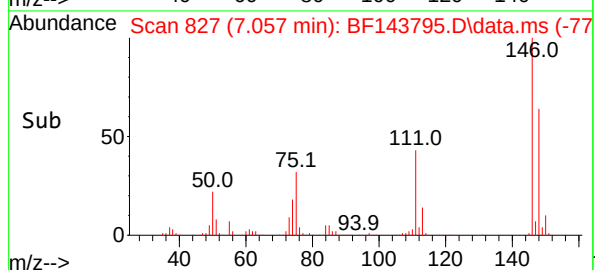
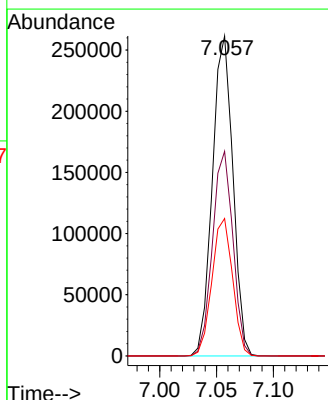
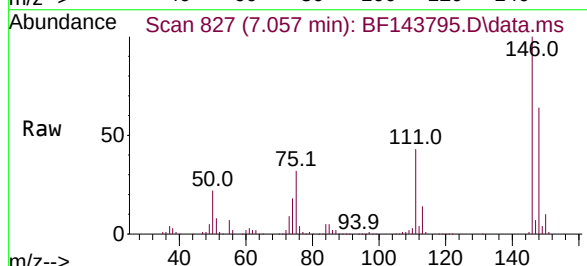
Tgt Ion:146 Resp: 328481

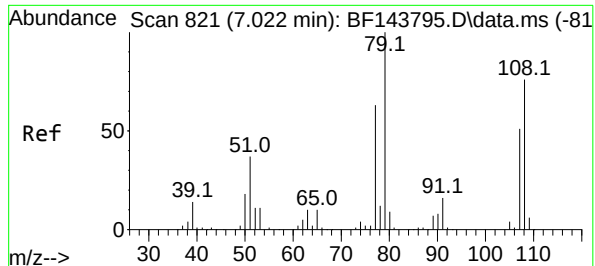
Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 42.9 34.3 51.5





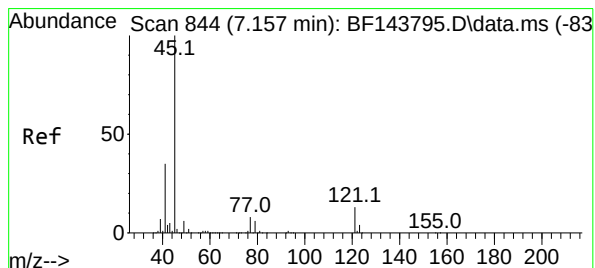
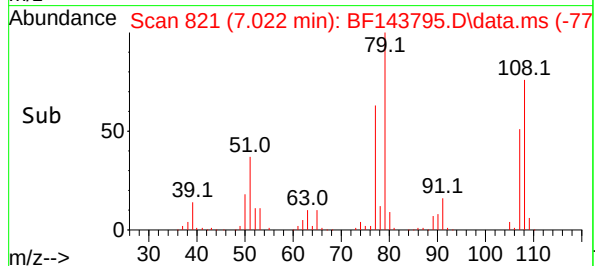
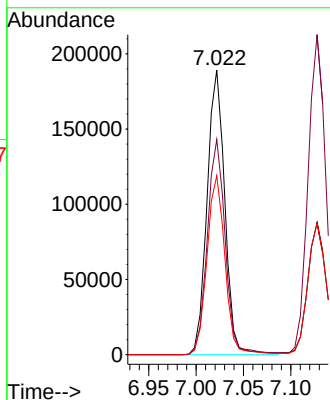
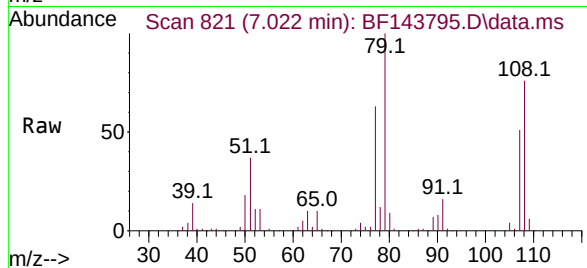
#15
Benzyl Alcohol
Concen: 42.340 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
Client SampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 246535
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 62.9 50.3 75.5

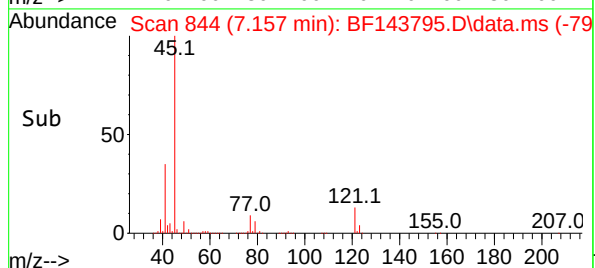
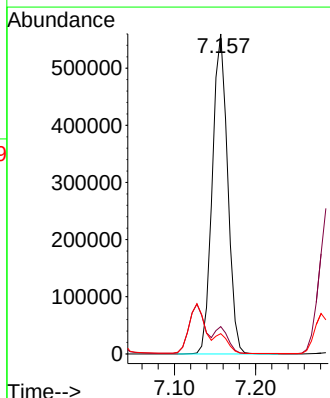
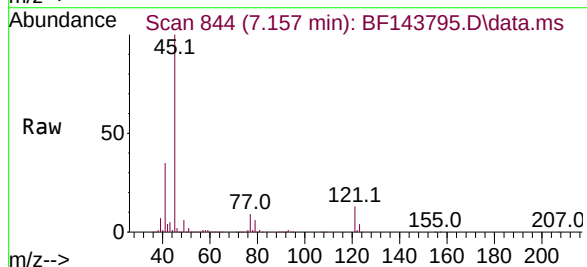
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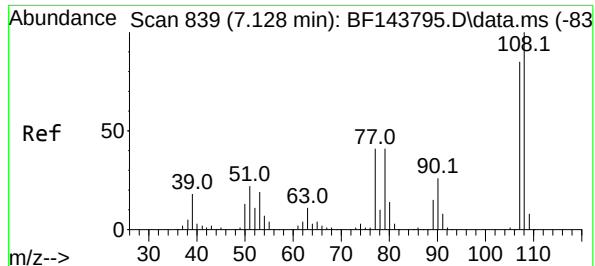
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.058 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

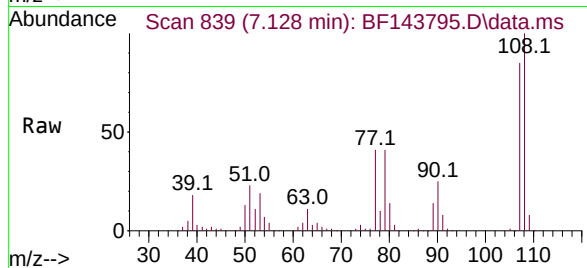
Tgt Ion: 45 Resp: 732266
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.3 0.0 26.3





#17
2-Methylphenol
Concen: 41.866 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

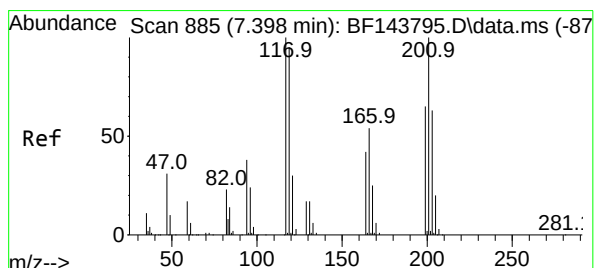
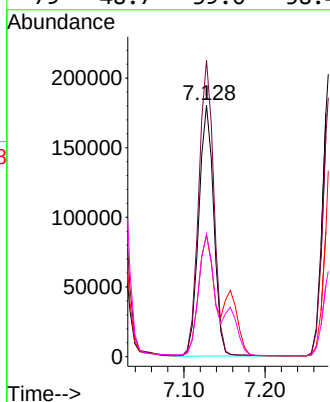
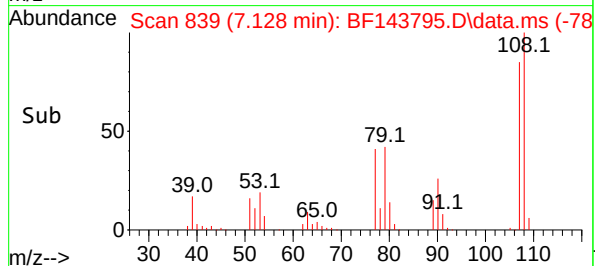
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 231425
Ion Ratio Lower Upper
107 100
108 117.8 94.2 141.4
77 48.3 38.6 58.0
79 48.7 39.0 58.4

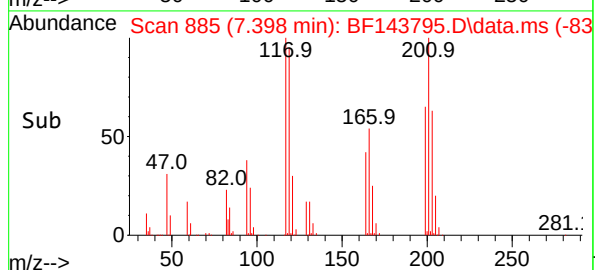
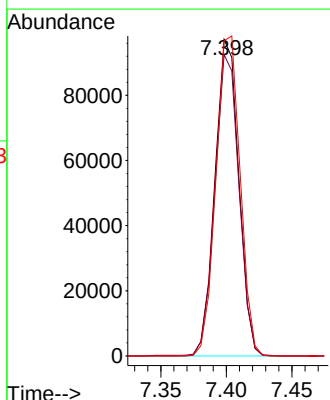
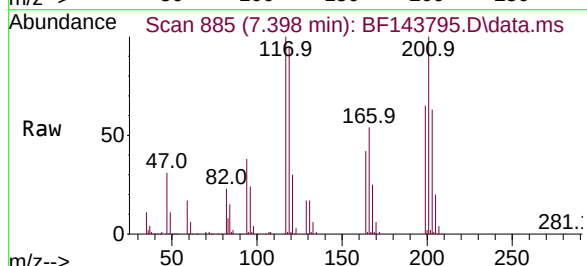
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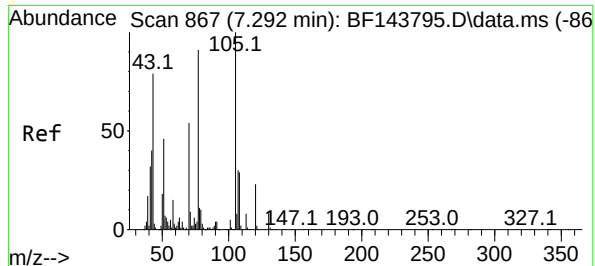
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#18
Hexachloroethane
Concen: 42.290 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:117 Resp: 123042
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
201 99.6 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.992 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 207240

Ion Ratio Lower Upper

70 100

42 74.2 59.4 89.0

101 8.9 7.1 10.7

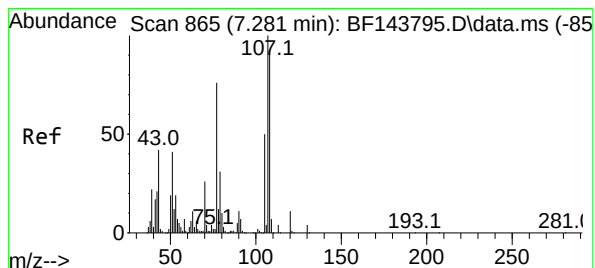
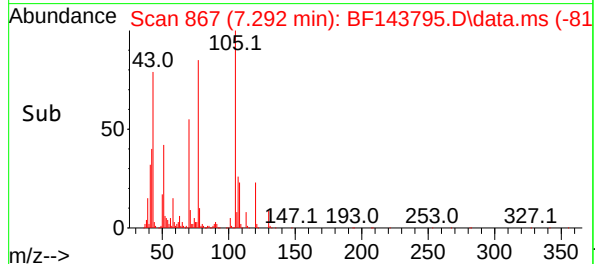
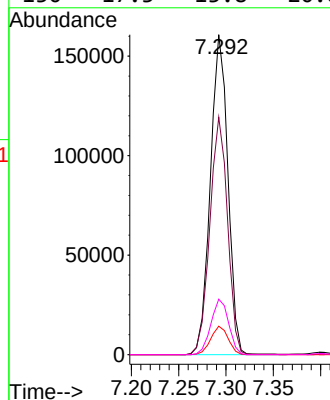
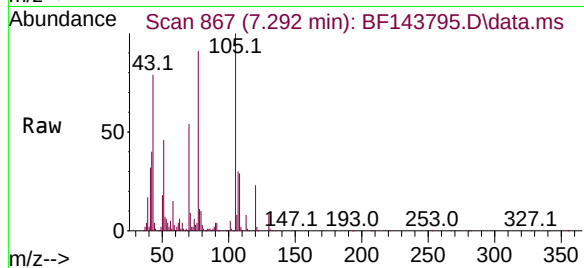
130 17.3 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 42.795 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 288081

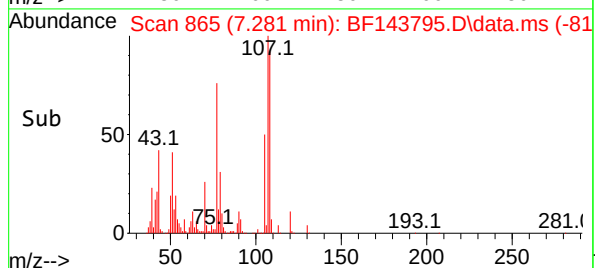
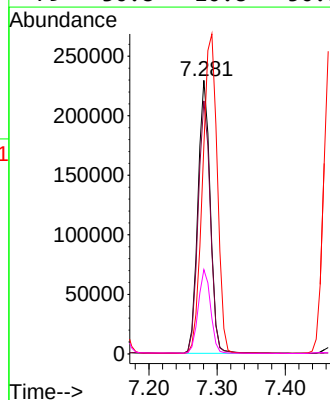
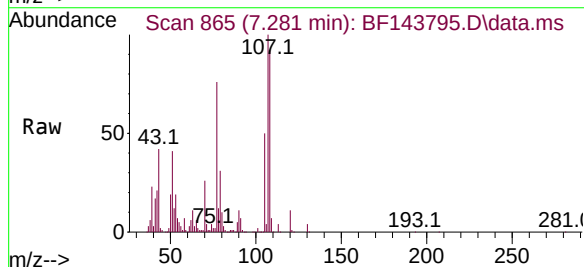
Ion Ratio Lower Upper

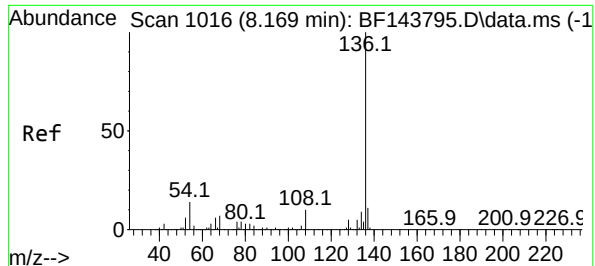
107 100

108 92.5 72.5 112.5

77 76.2 56.2 96.2

79 30.8 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 405913

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 14.0 11.2 16.8

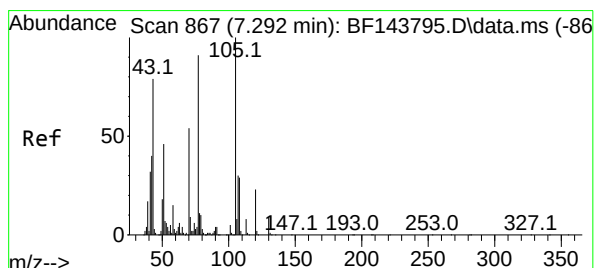
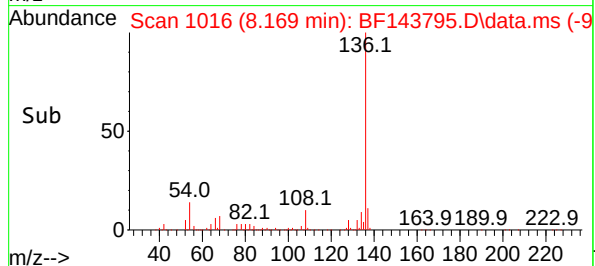
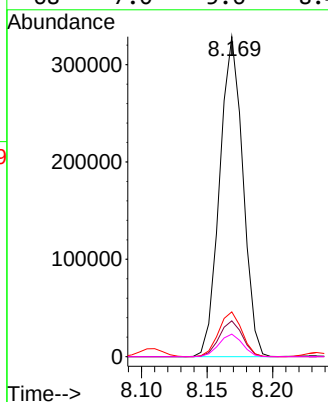
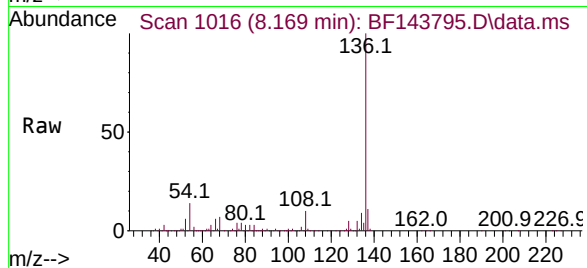
68 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#22

Acetophenone

Concen: 42.128 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:105 Resp: 375588

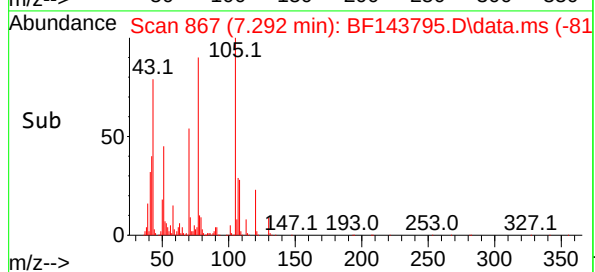
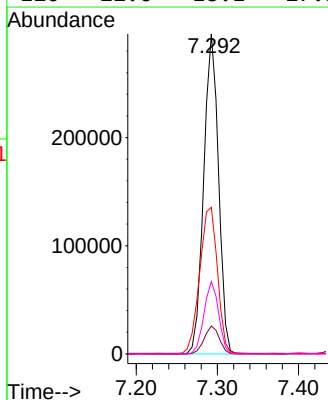
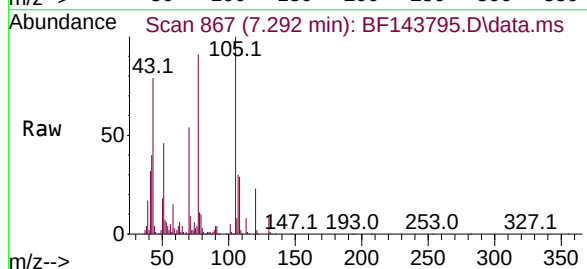
Ion Ratio Lower Upper

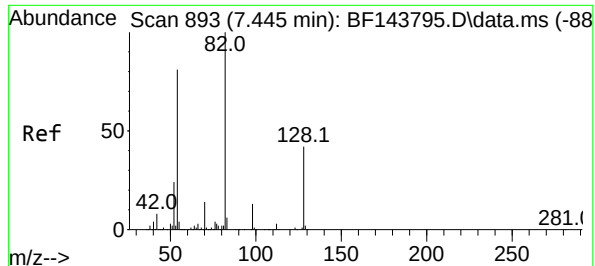
105 100

71 8.7 7.0 10.4

51 45.8 36.6 55.0

120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 88.897 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 573383

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

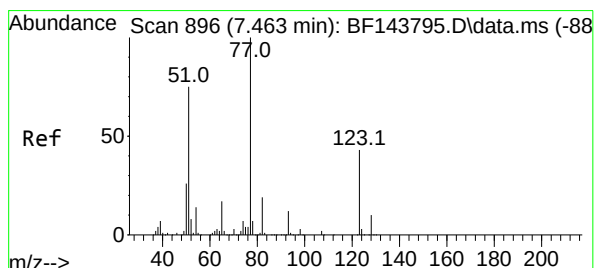
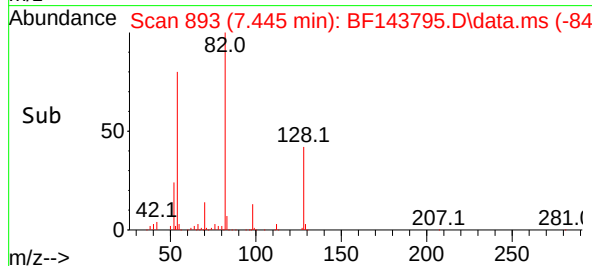
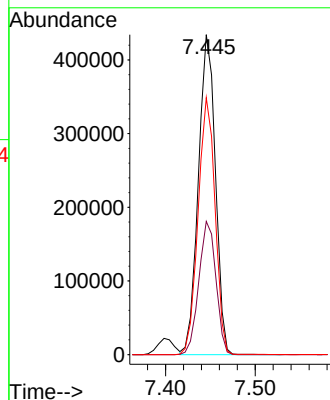
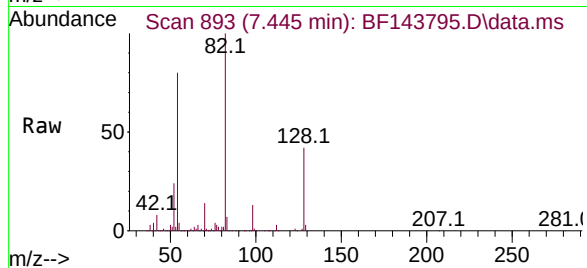
54 80.3 64.2 96.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#24

Nitrobenzene

Concen: 42.939 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

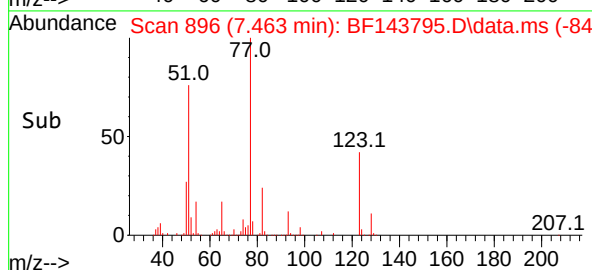
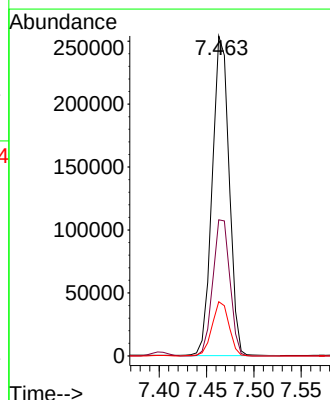
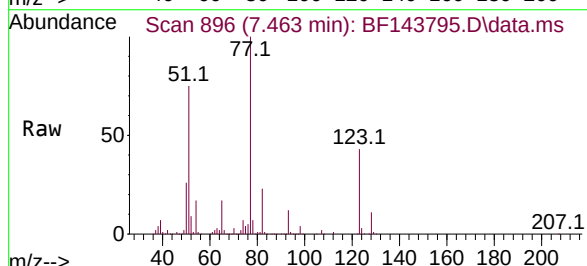
Tgt Ion: 77 Resp: 315613

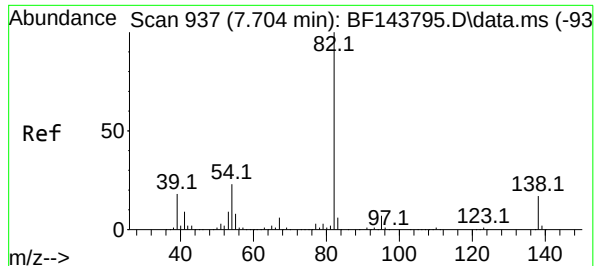
Ion Ratio Lower Upper

77 100

123 42.5 34.0 51.0

65 16.9 13.5 20.3





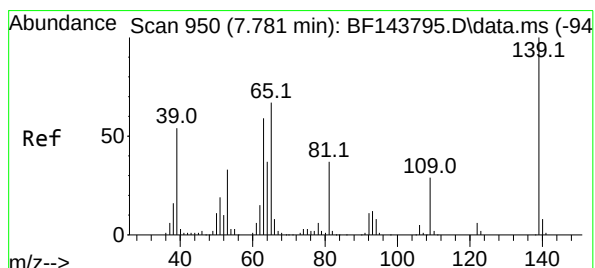
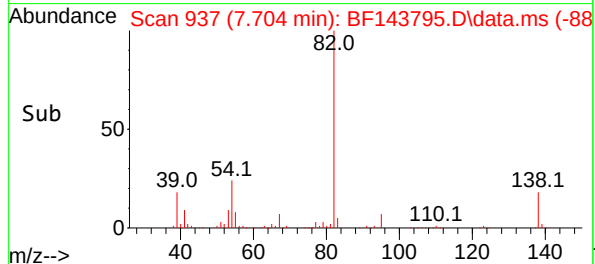
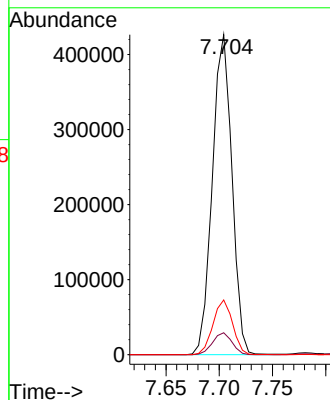
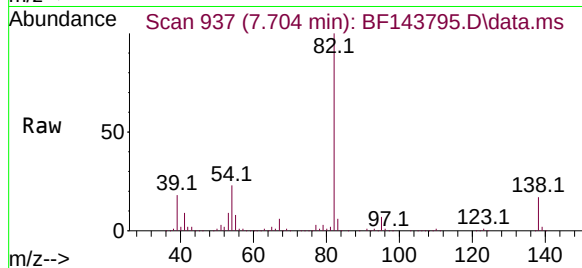
#25
Isophorone
Concen: 42.269 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 546218
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.1 13.7 20.5

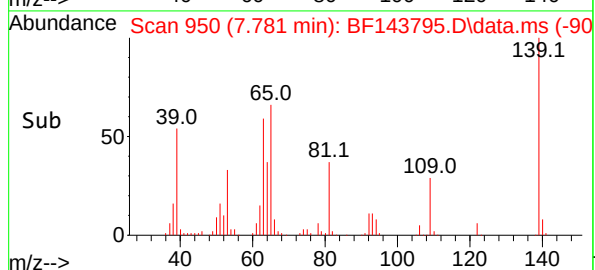
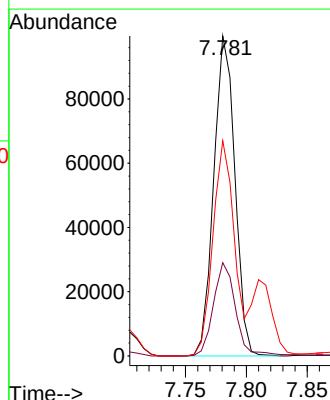
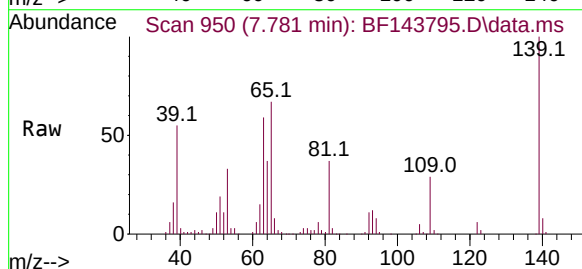
Manual Integrations
APPROVED

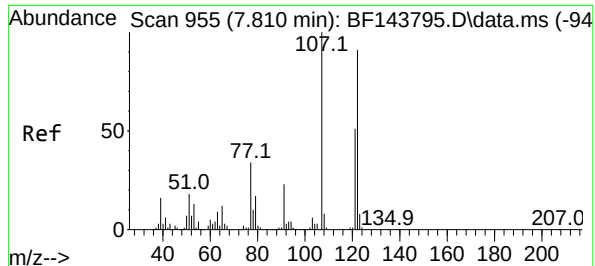
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 40.347 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:139 Resp: 120369
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 67.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 42.648 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 246324

Ion Ratio Lower Upper

122 100

107 109.4 87.5 131.3

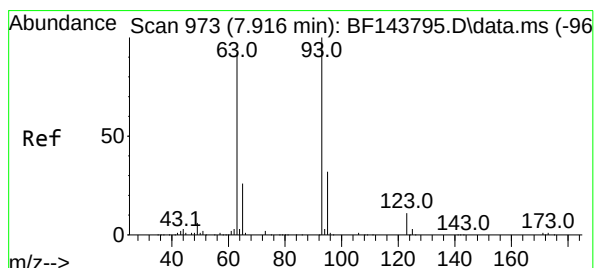
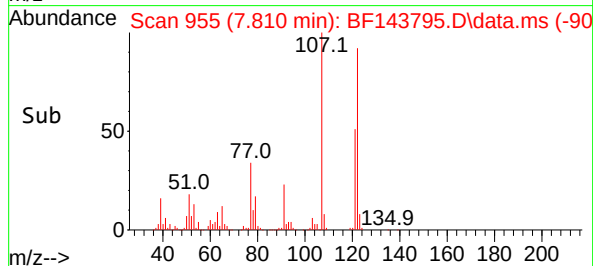
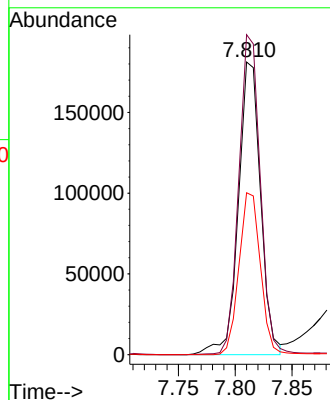
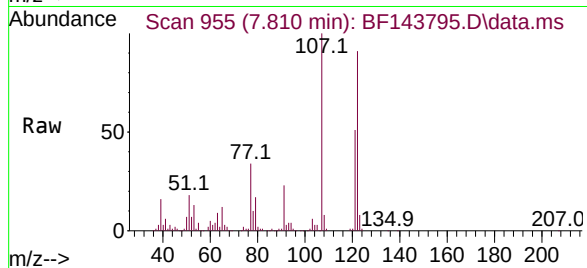
121 55.3 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.213 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

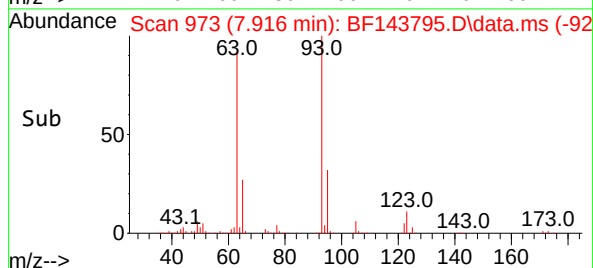
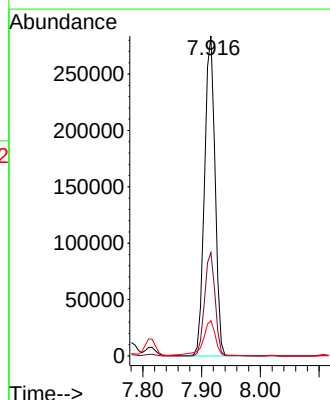
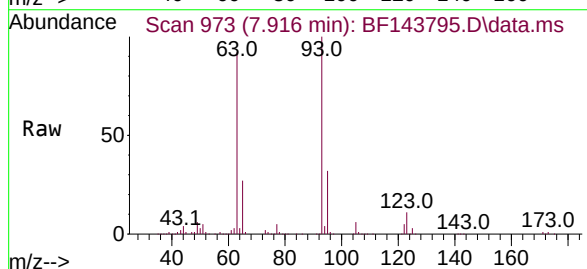
Tgt Ion: 93 Resp: 354402

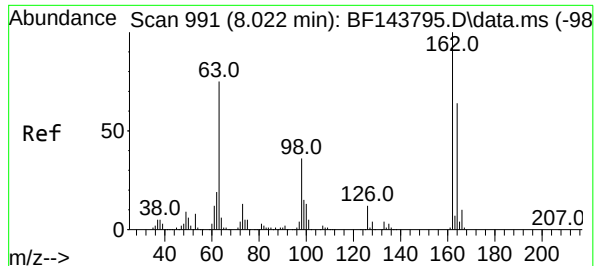
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.587 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 242031

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

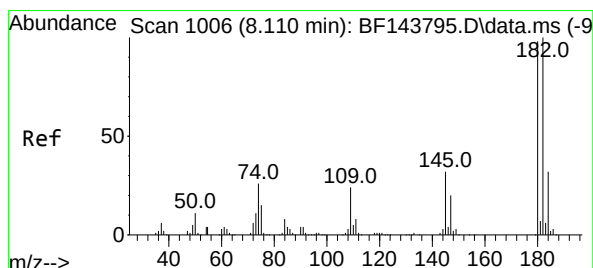
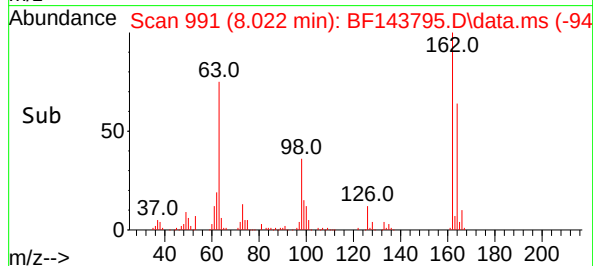
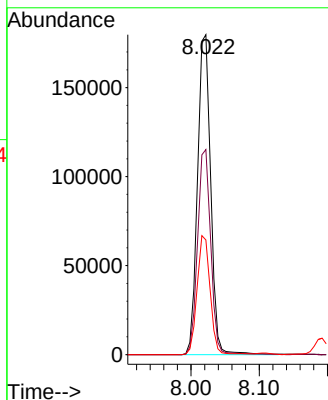
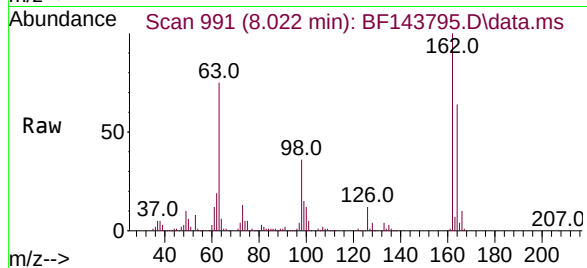
98 35.8 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.554 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

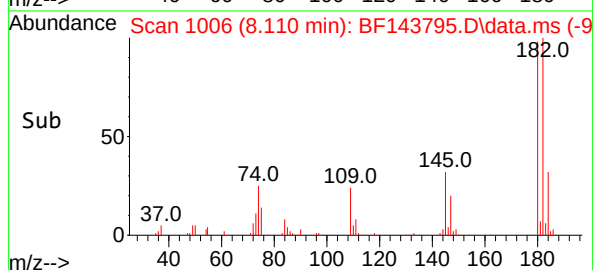
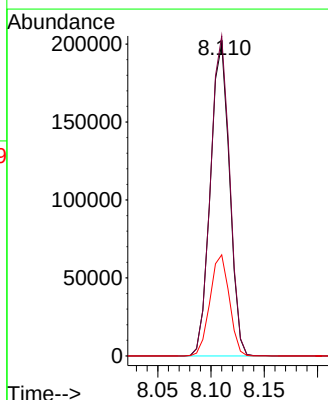
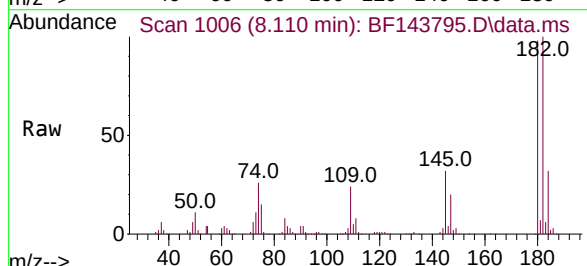
Tgt Ion:180 Resp: 250976

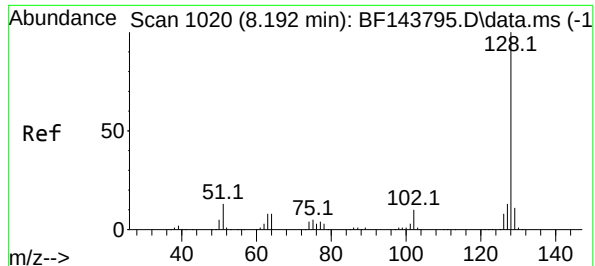
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

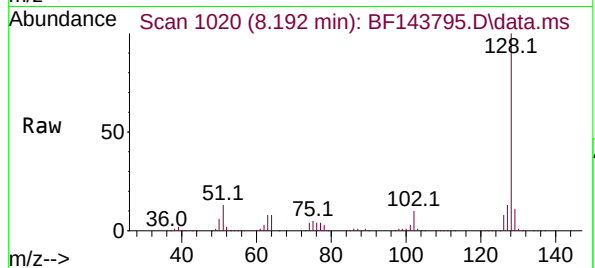
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 41.894 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

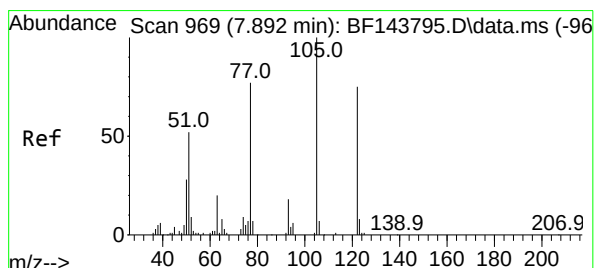
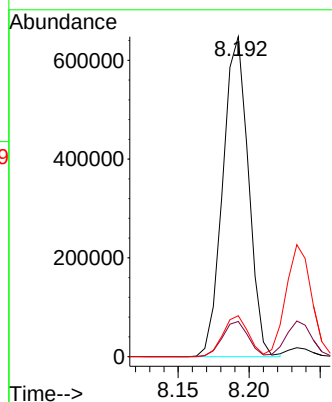
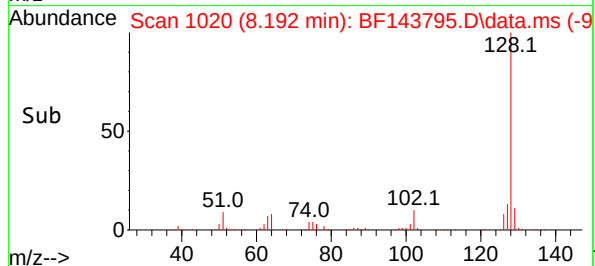
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 814068
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.2 15.4

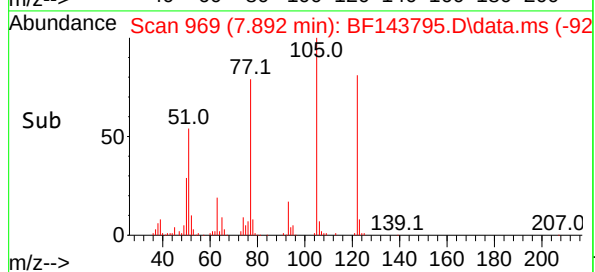
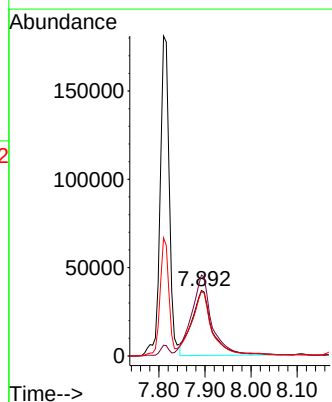
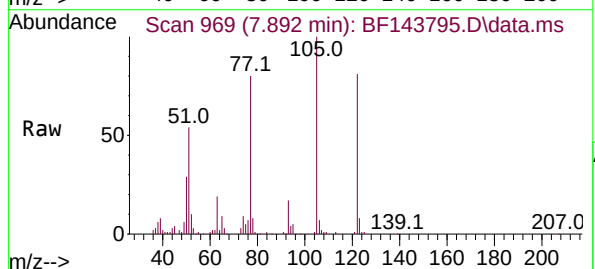
Manual Integrations
APPROVED

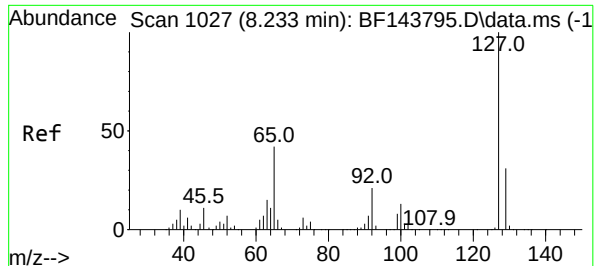
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 40.921 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

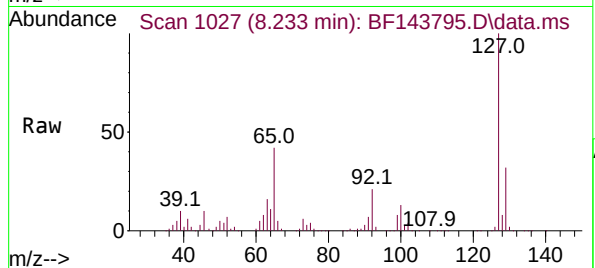
Tgt Ion:122 Resp: 114033
Ion Ratio Lower Upper
122 100
105 123.7 103.7 143.7
77 98.8 78.8 118.8





#33
4-Chloroaniline
Concen: 42.217 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

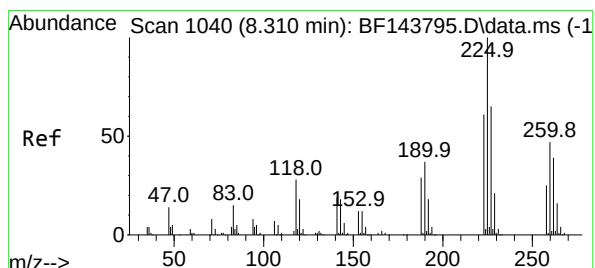
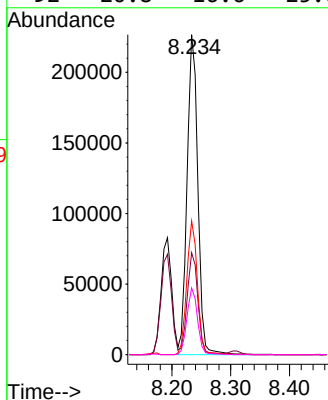
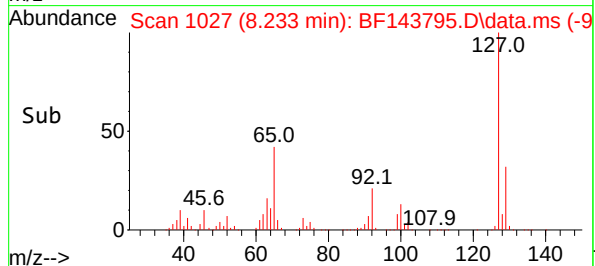
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 288280
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 41.8 33.4 50.2
92 20.8 16.6 25.0

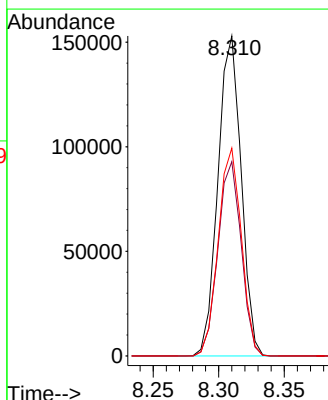
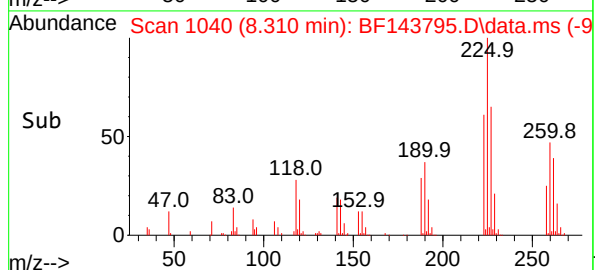
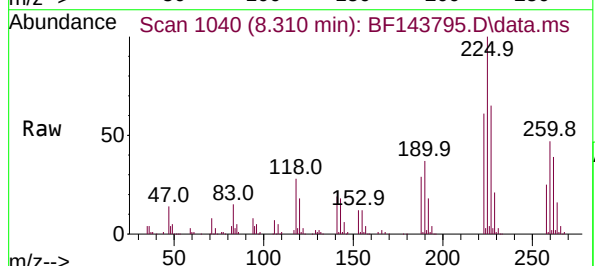
Manual Integrations
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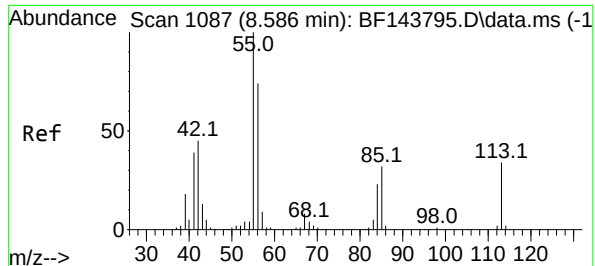
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 42.957 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:225 Resp: 188867
Ion Ratio Lower Upper
225 100
223 60.7 48.6 72.8
227 64.9 51.9 77.9





#35

Caprolactam

Concen: 41.712 ng

RT: 8.586 min Scan# 1087

Delta R.T. -0.024 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

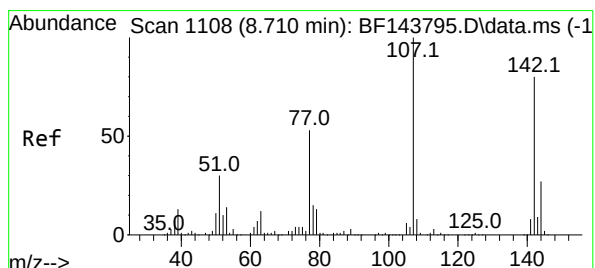
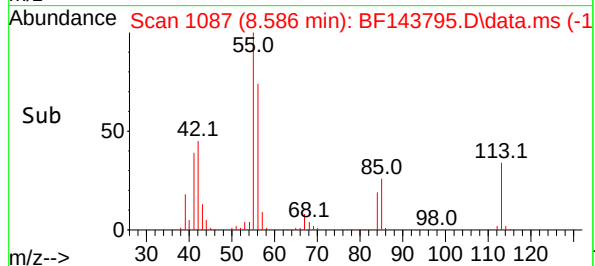
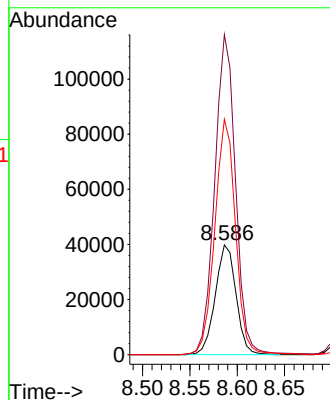
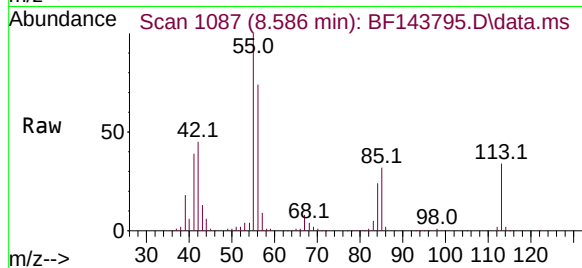
Tgt Ion:113	Resp:	60592
Ion Ratio	Lower	Upper
113	100	
55	291.7	271.7 311.7
56	214.5	194.5 234.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#36

4-Chloro-3-methylphenol

Concen: 42.051 ng

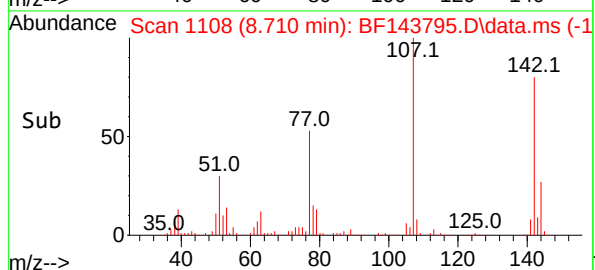
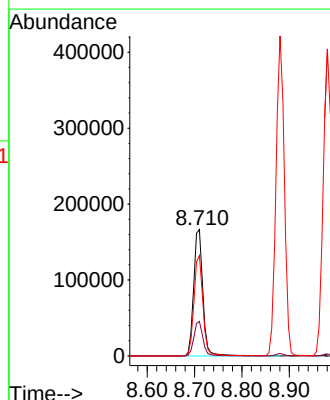
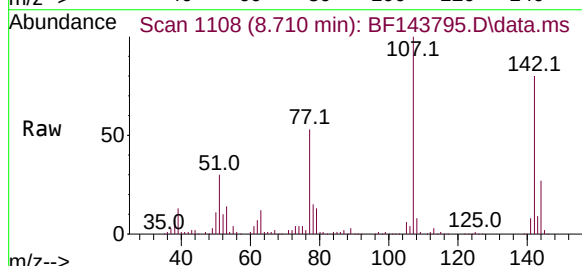
RT: 8.710 min Scan# 1108

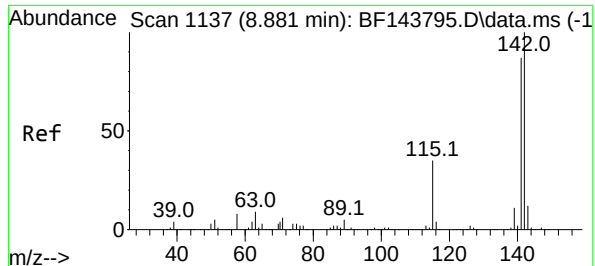
Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:107	Resp:	224136
Ion Ratio	Lower	Upper
107	100	
144	27.3	21.8 32.8
142	79.5	63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.614 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 515616

Ion Ratio Lower Upper

142 100

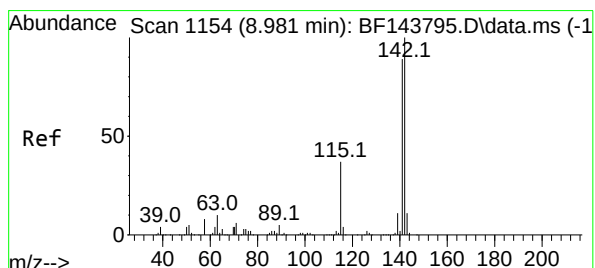
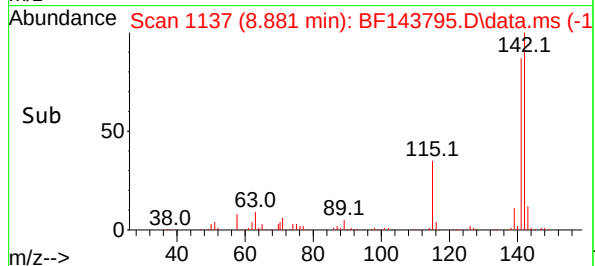
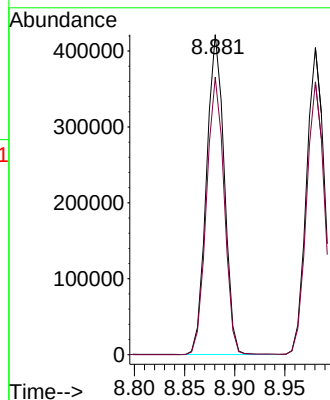
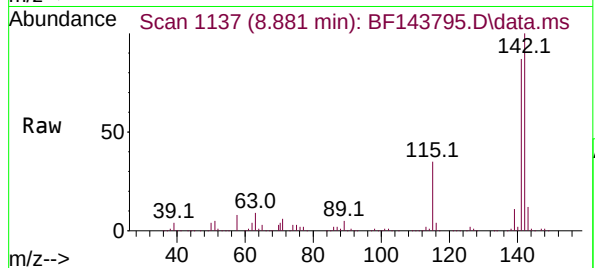
141 86.7 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 41.901 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143795.D

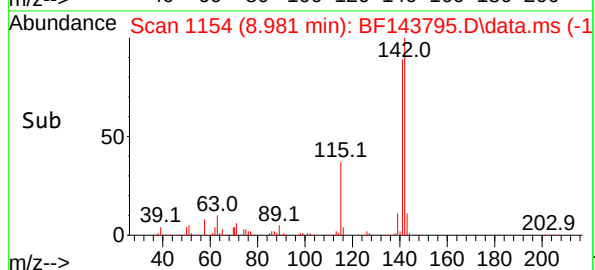
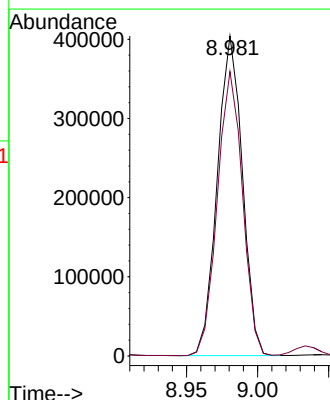
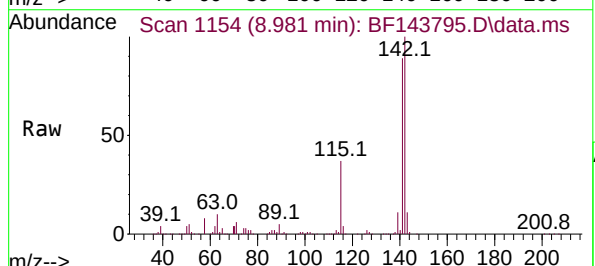
Acq: 23 Sep 2025 13:59

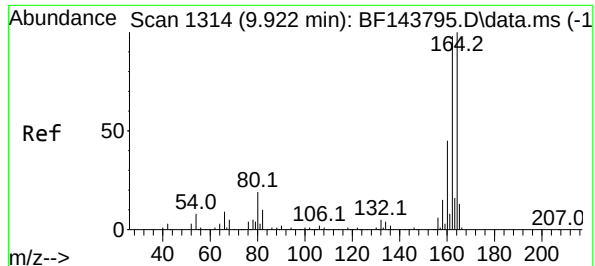
Tgt Ion:142 Resp: 496939

Ion Ratio Lower Upper

142 100

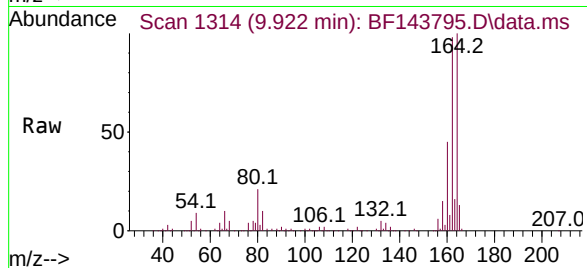
141 88.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

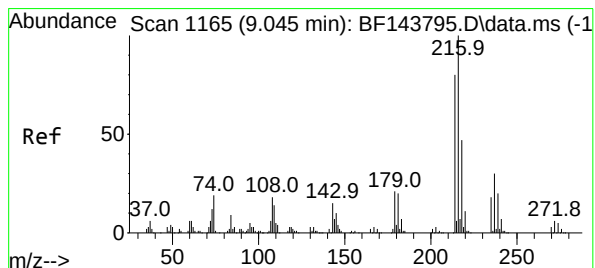
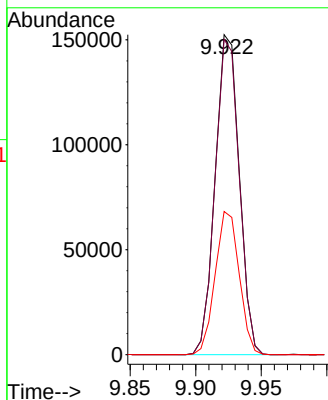
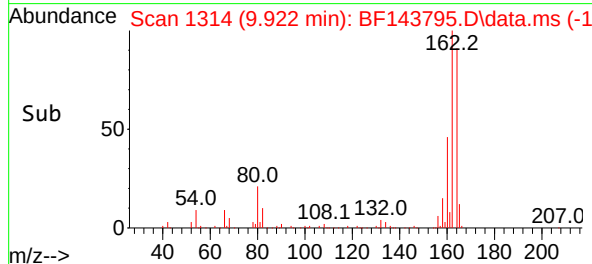
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 195472
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 44.7 35.8 53.6

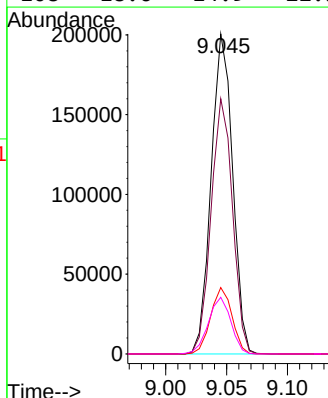
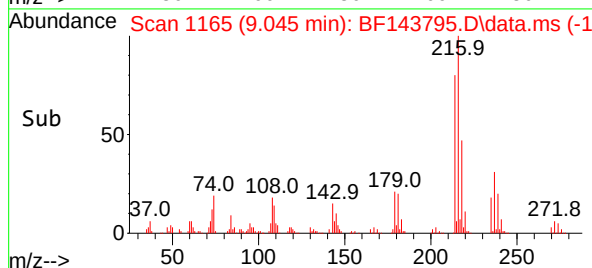
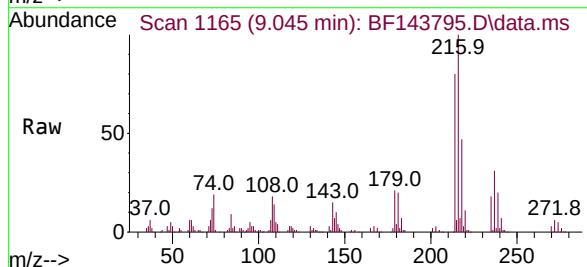
Manual Integrations
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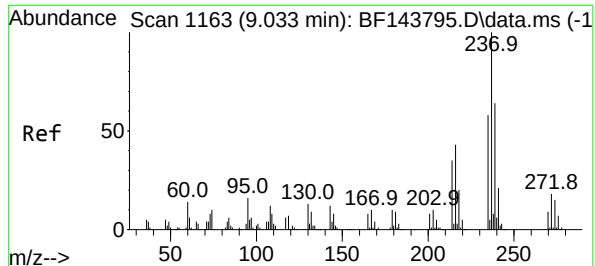
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.605 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

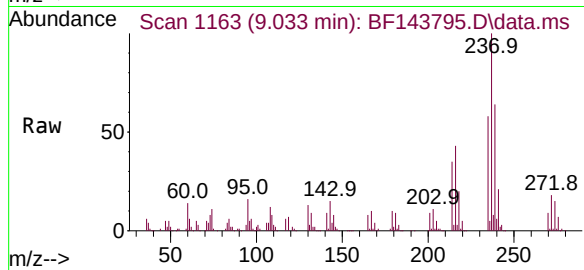
Tgt Ion:216 Resp: 245432
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.6 16.5 24.7
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 43.733 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

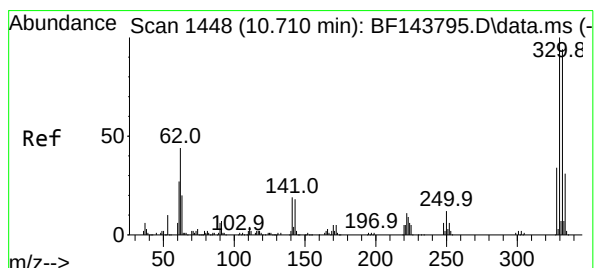
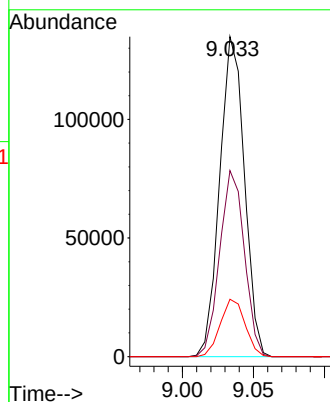
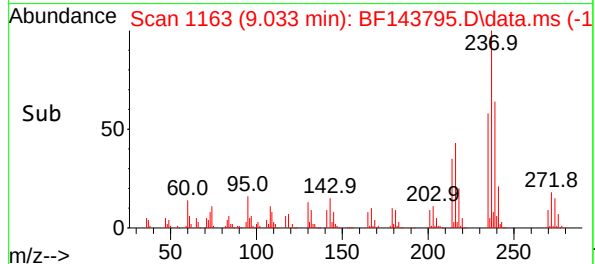
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:237 Resp: 163505
Ion Ratio Lower Upper
237 100
235 58.1 38.1 78.1
272 17.9 0.0 37.9

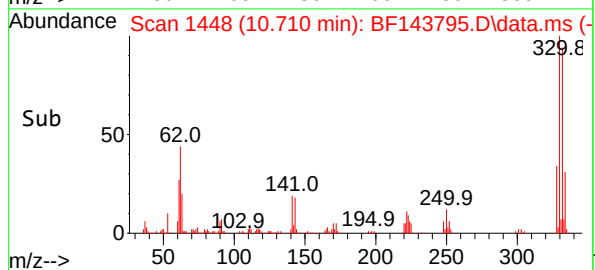
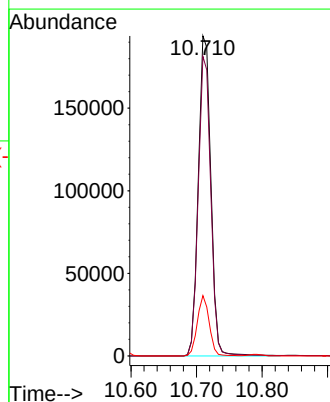
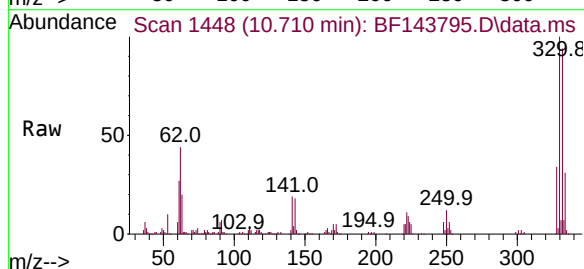
Manual Integrations
APPROVED

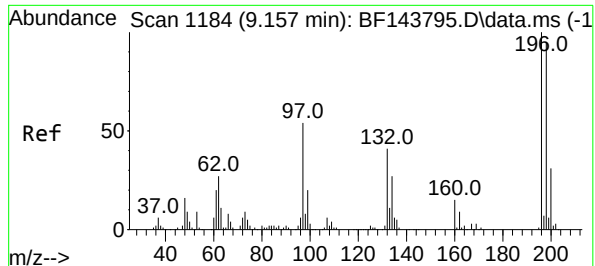
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 91.848 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:330 Resp: 256232
Ion Ratio Lower Upper
330 100
332 93.4 74.7 112.1
141 17.9 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 44.620 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 164818

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

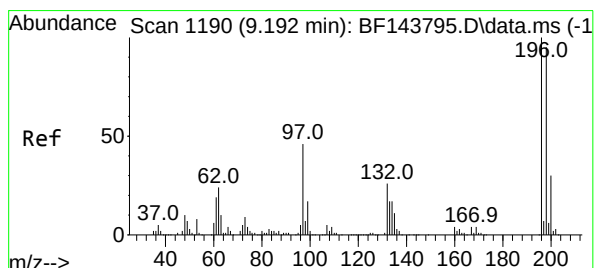
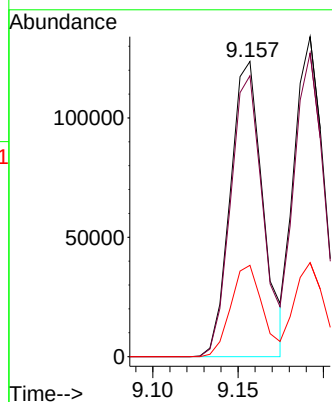
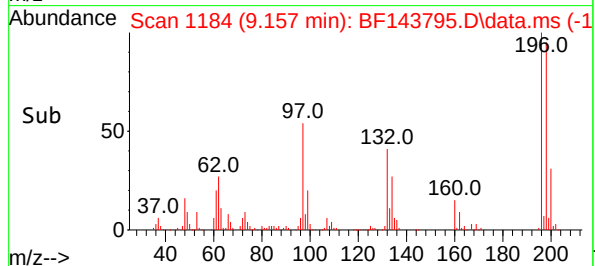
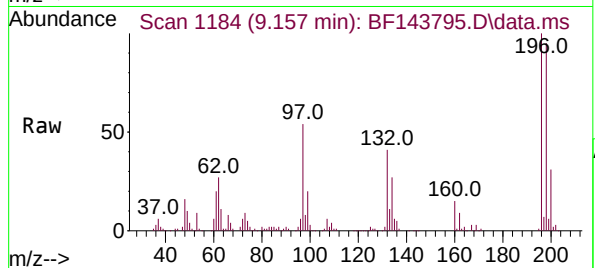
200 30.9 24.7 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

Concen: 42.801 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:196 Resp: 165369

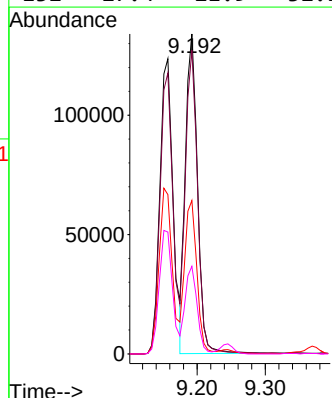
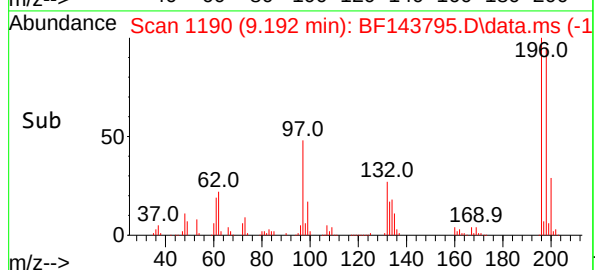
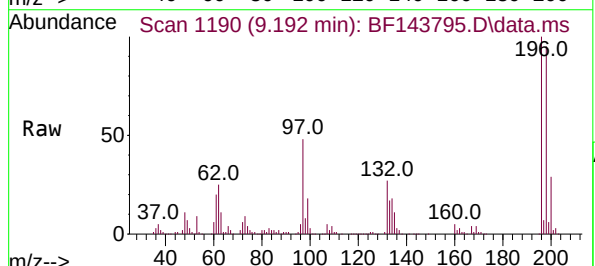
Ion Ratio Lower Upper

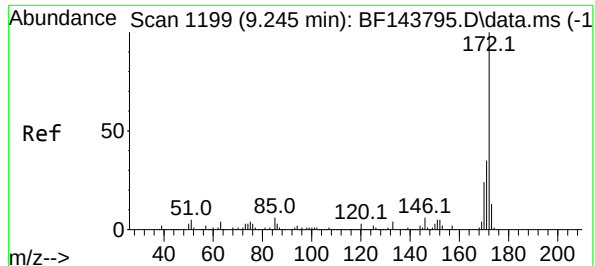
196 100

198 94.9 75.9 113.9

97 47.9 38.3 57.5

132 27.4 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 79.854 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143795.D

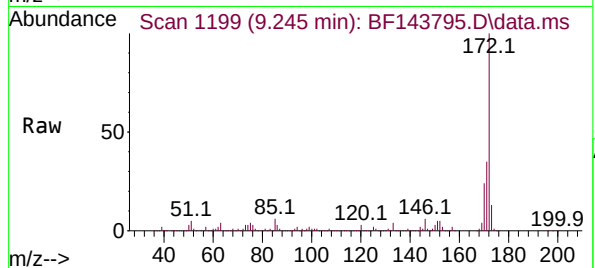
Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:172 Resp: 1056299

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

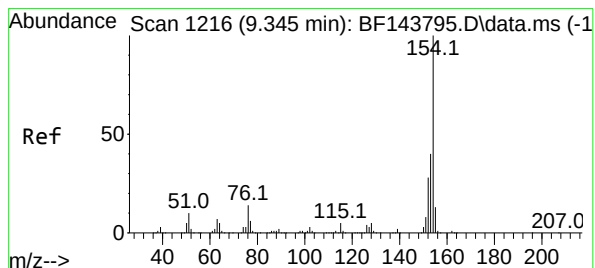
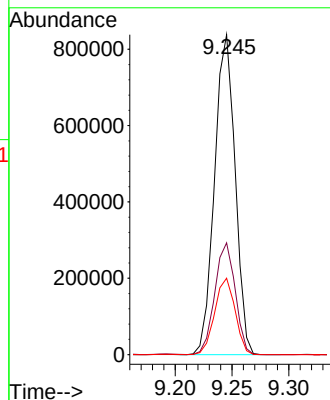
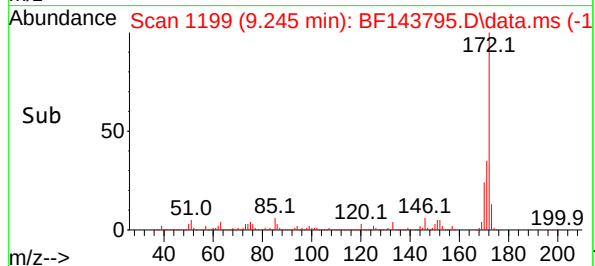
170 23.9 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

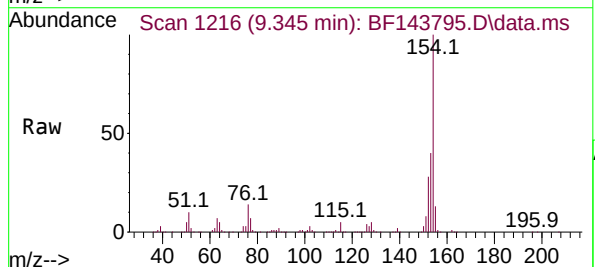
Concen: 41.309 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59



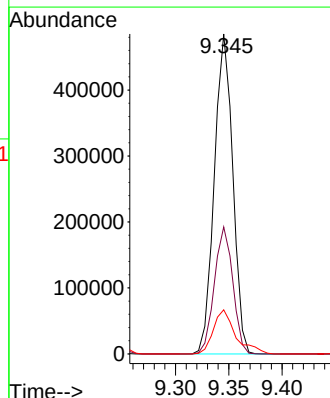
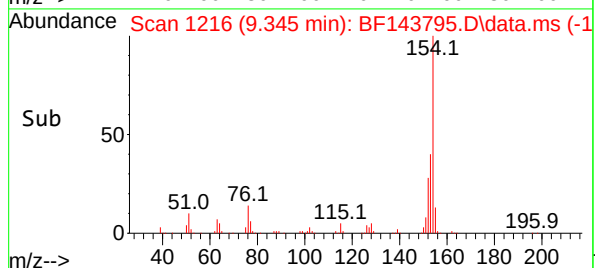
Tgt Ion:154 Resp: 584522

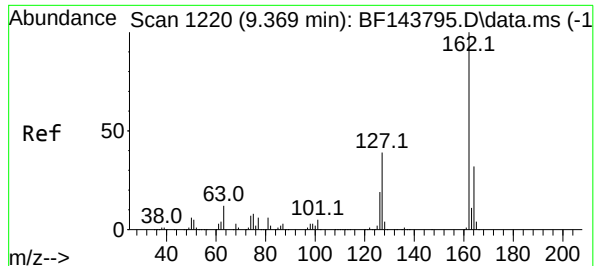
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 13.8 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.694 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 474899

Ion Ratio Lower Upper

162 100

127 39.4 31.5 47.3

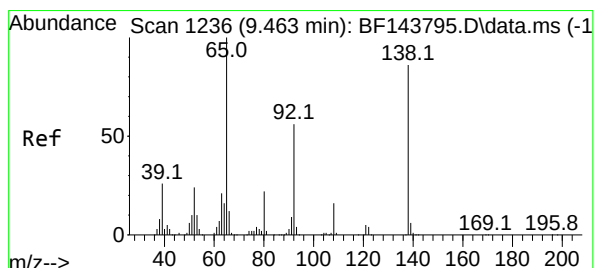
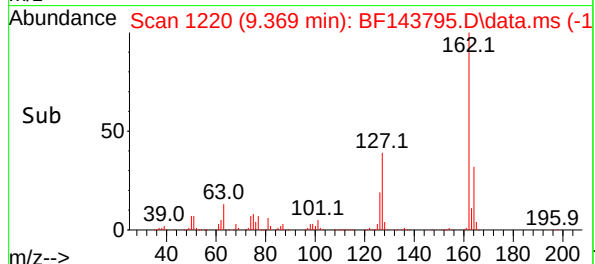
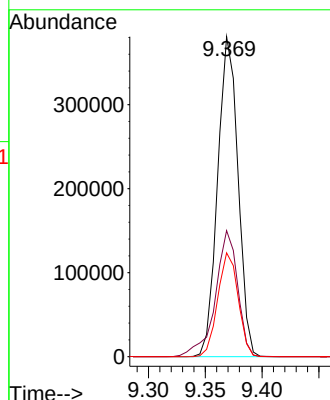
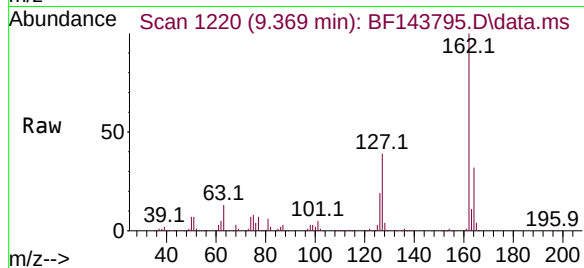
164 32.4 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 45.383 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

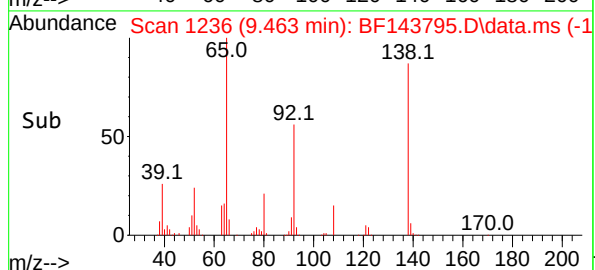
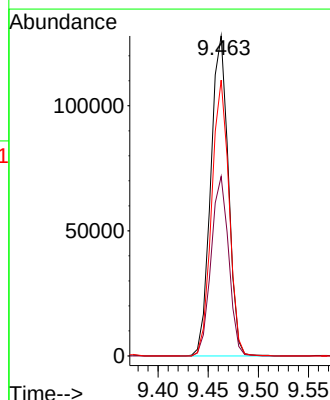
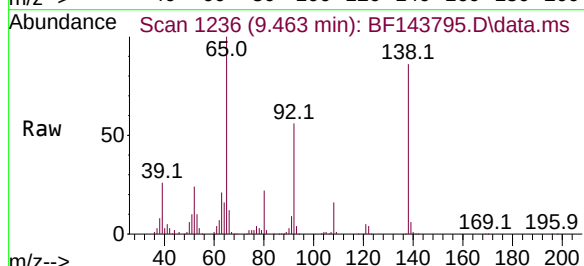
Tgt Ion: 65 Resp: 156231

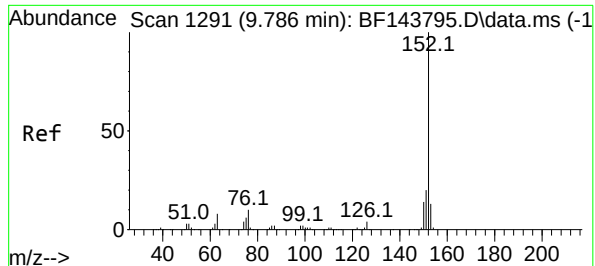
Ion Ratio Lower Upper

65 100

92 56.1 44.9 67.3

138 86.2 69.0 103.4





#49

Acenaphthylene

Concen: 42.150 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

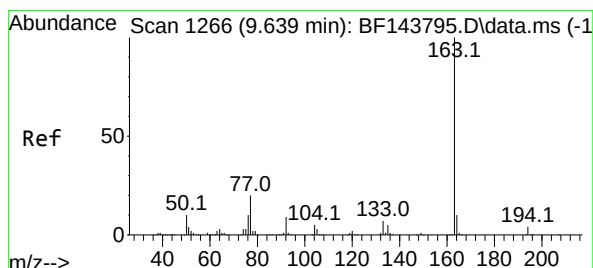
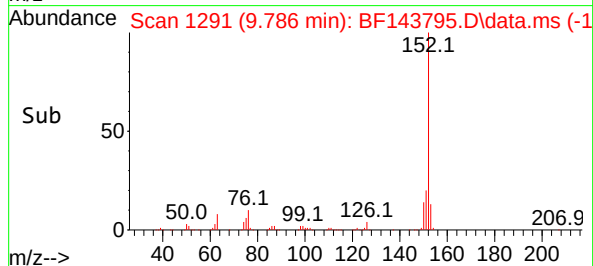
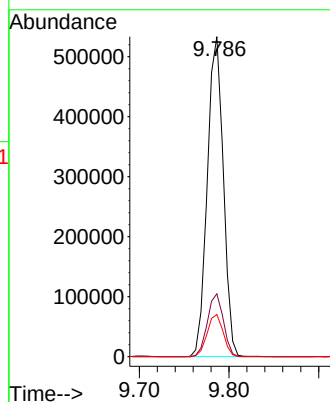
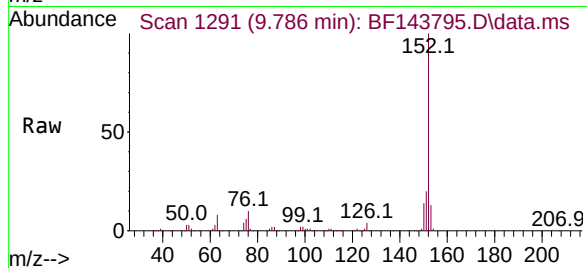
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.6	15.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

Concen: 42.186 ng

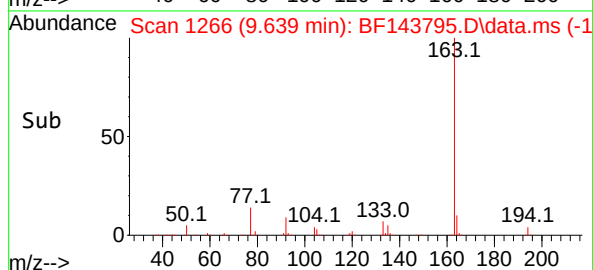
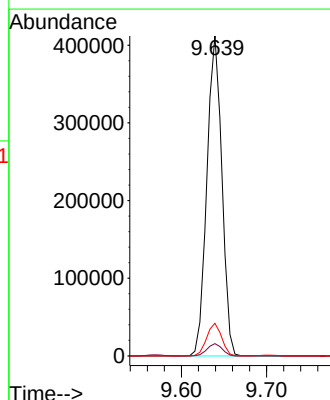
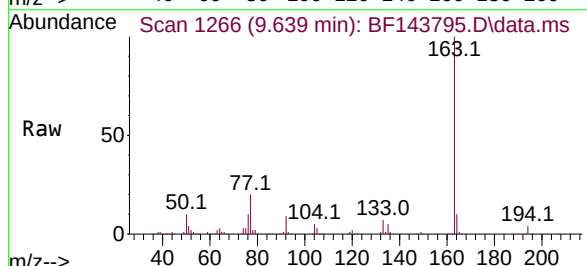
RT: 9.639 min Scan# 1266

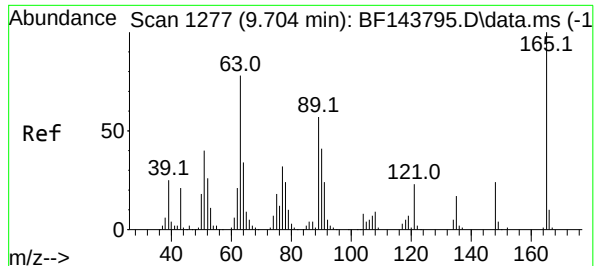
Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

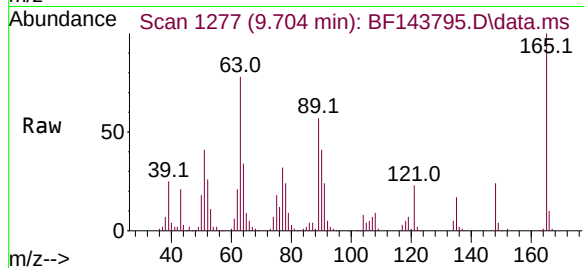
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.543 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

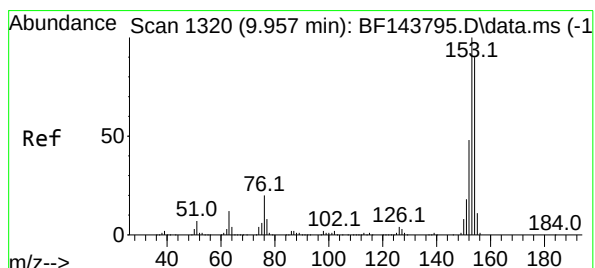
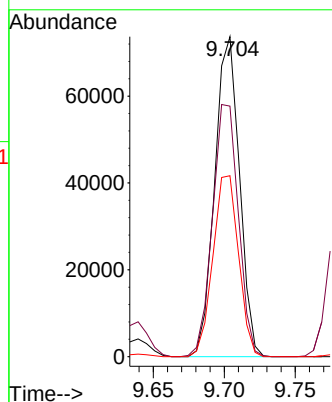
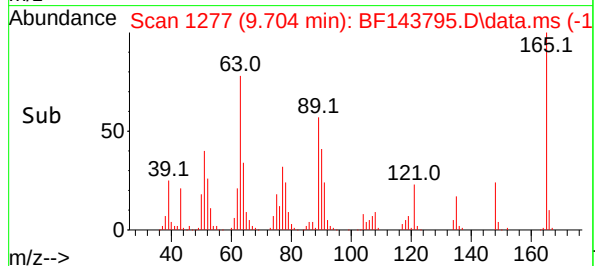
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 8915
Ion Ratio Lower Upper
165 100
63 78.3 62.6 94.0
89 56.5 45.2 67.8

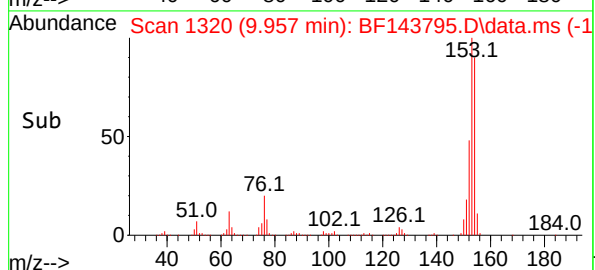
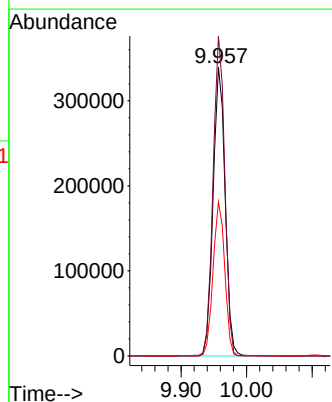
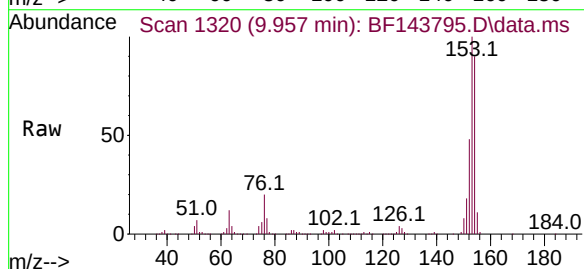
Manual Integrations
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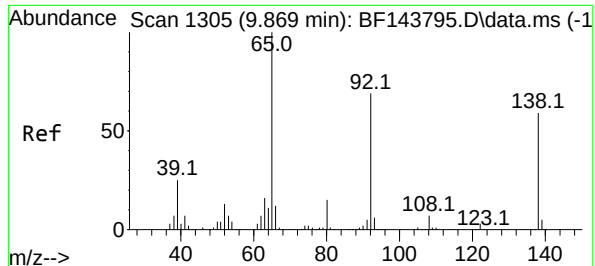
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 42.036 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:154 Resp: 433748
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 46.671 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:138 Resp: 110739

Ion Ratio Lower Upper

138 100

108 12.4 9.9 14.9

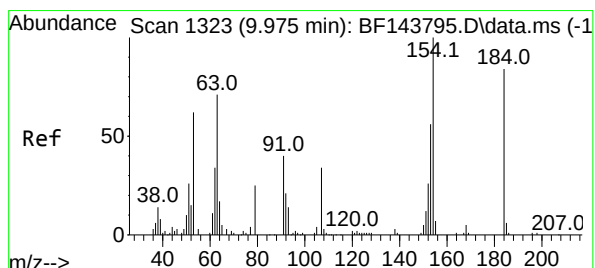
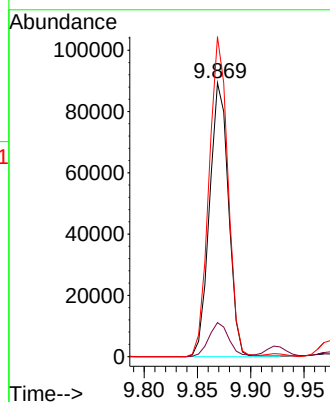
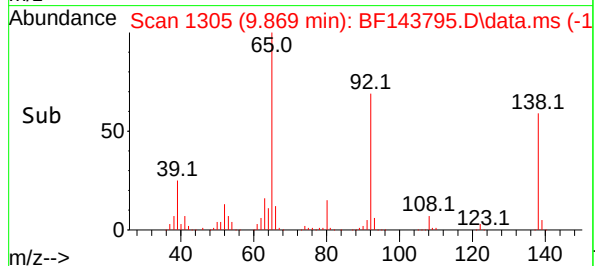
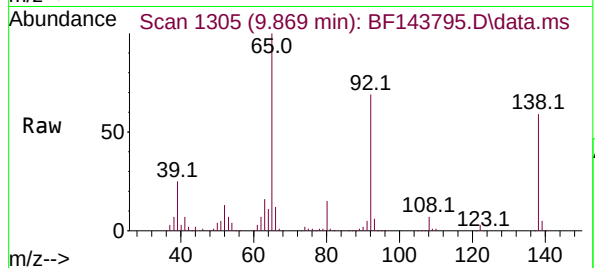
92 116.9 93.5 140.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 41.301 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

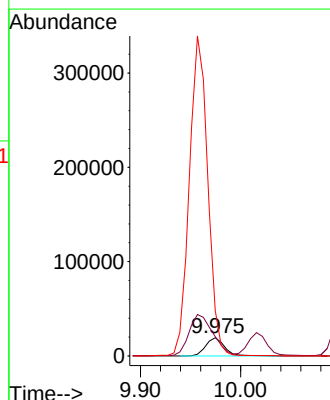
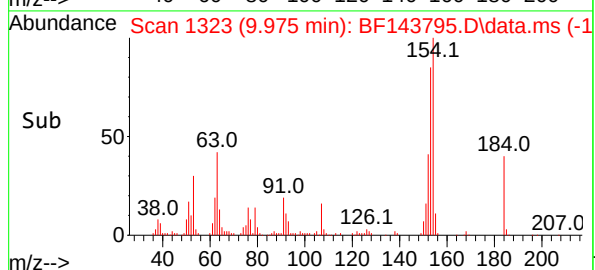
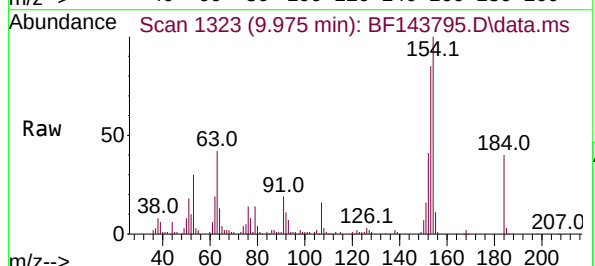
Tgt Ion:184 Resp: 24685

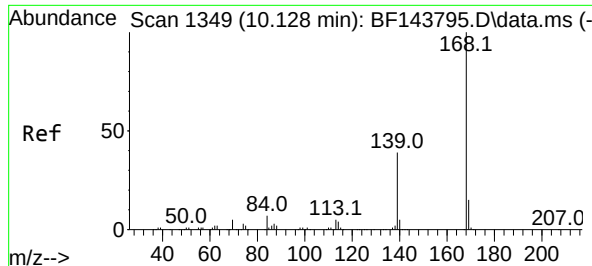
Ion Ratio Lower Upper

184 100

63 105.8 84.6 127.0

154 249.1 199.3 298.9





#55

Dibenzenofuran

Concen: 41.833 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 610393

Ion Ratio Lower Upper

168 100

139 38.8 31.0 46.6

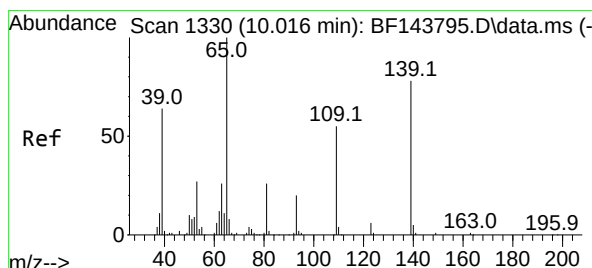
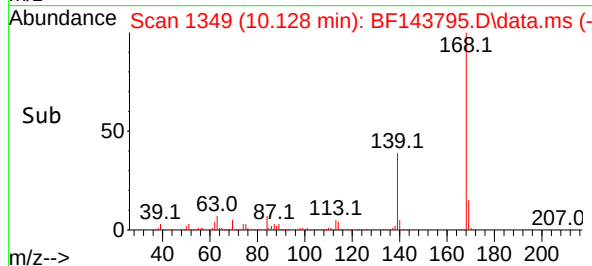
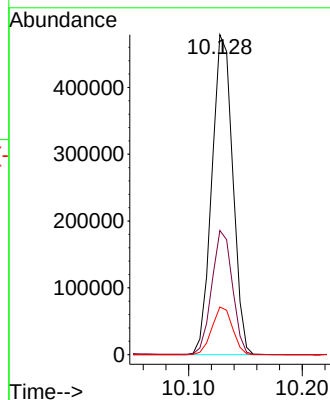
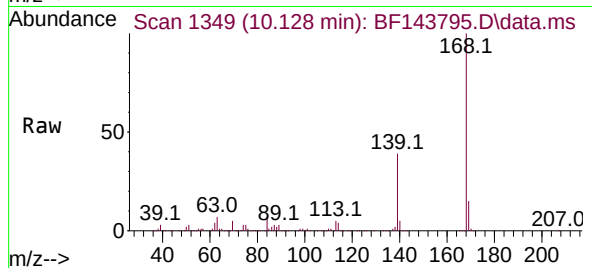
169 14.9 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 42.462 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

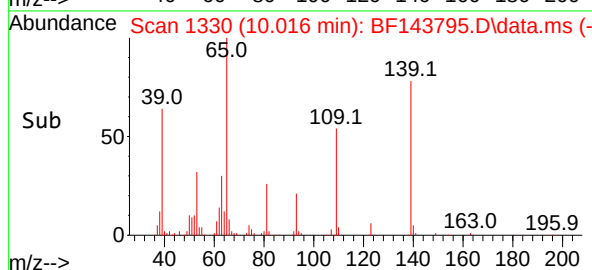
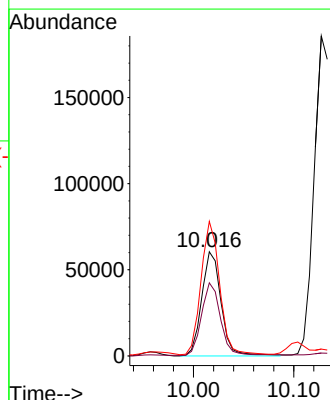
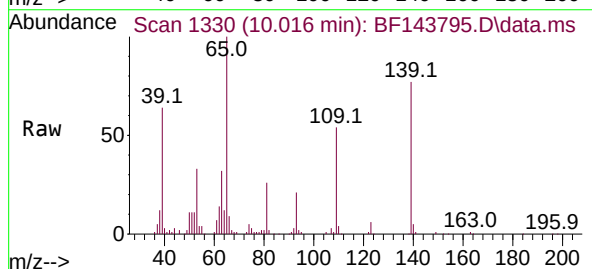
Tgt Ion:139 Resp: 81189

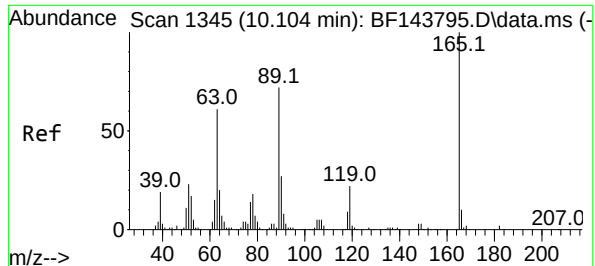
Ion Ratio Lower Upper

139 100

109 70.2 50.2 90.2

65 129.2 109.2 149.2





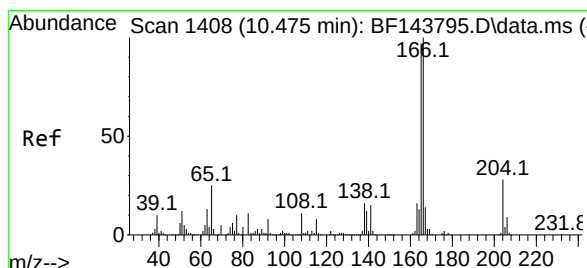
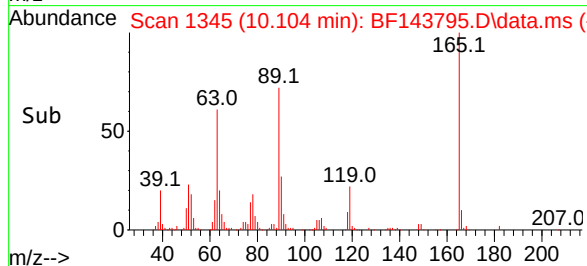
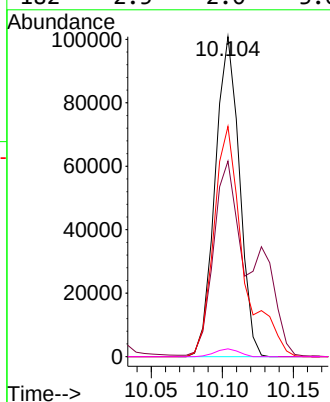
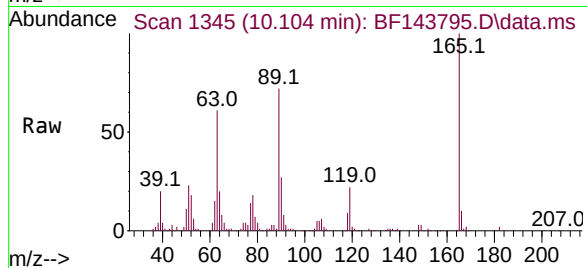
#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 120114
Ion Ratio Lower Upper
165 100
63 61.1 48.9 73.3
89 71.9 57.5 86.3
182 2.5 2.0 3.0

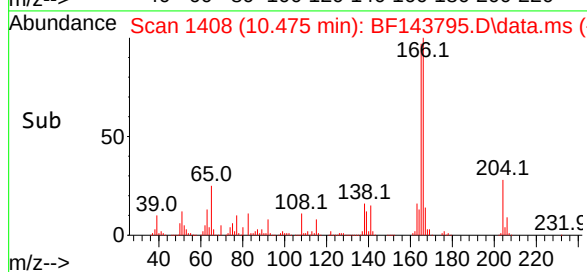
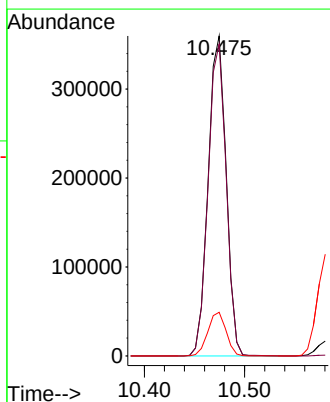
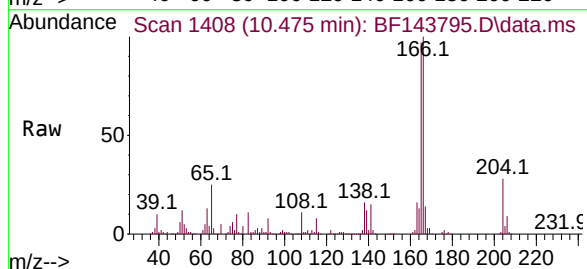
Manual Integrations
APPROVED

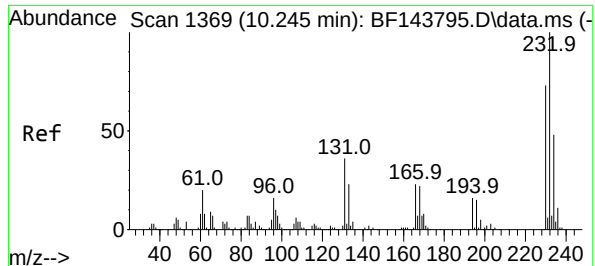
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#58
Fluorene
Concen: 41.324 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

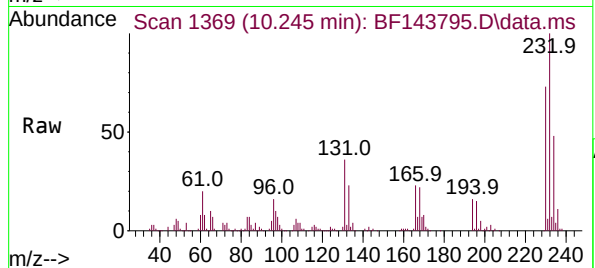
Tgt Ion:166 Resp: 448265
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

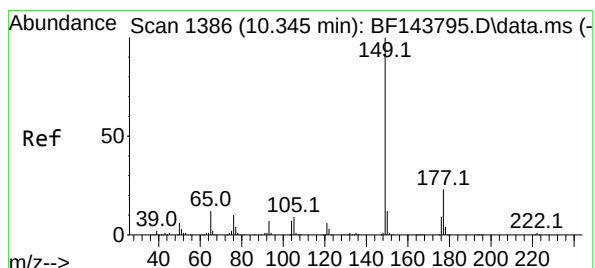
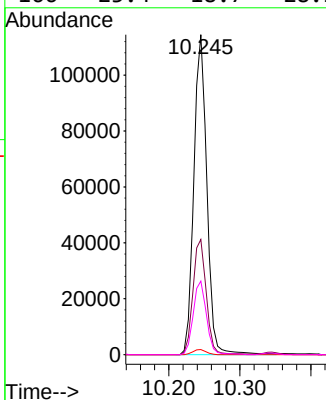
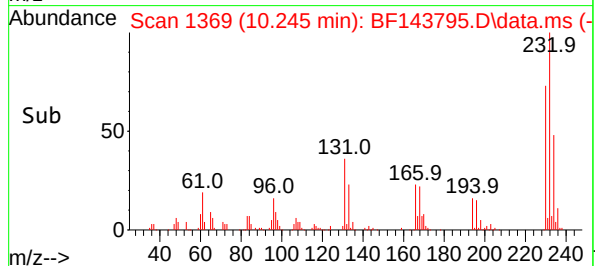
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



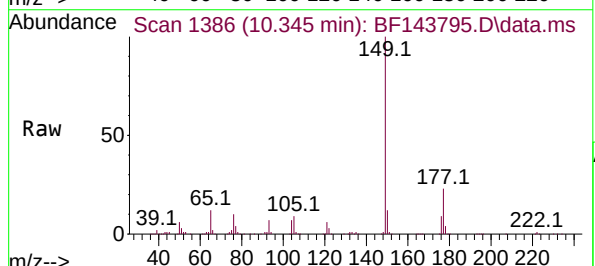
Tgt Ion:232 Resp: 145681
Ion Ratio Lower Upper
232 100
131 36.8 29.4 44.2
130 1.6 1.3 1.9
166 23.4 18.7 28.1

Manual Integrations
APPROVED

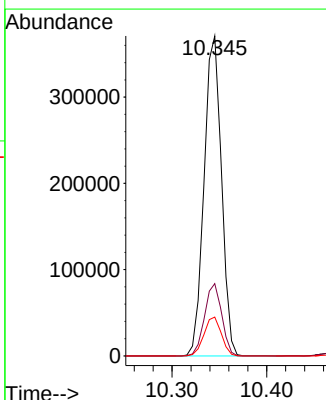
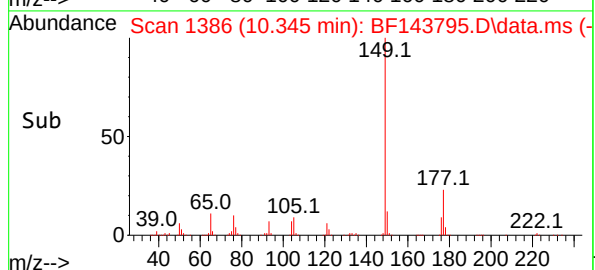
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

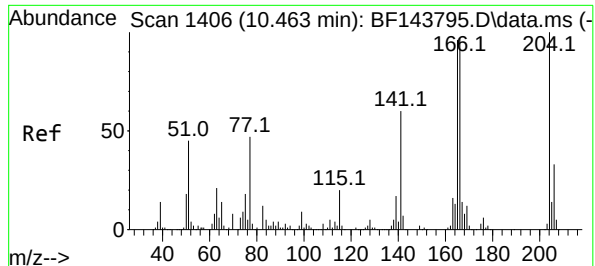


#60
Diethylphthalate
Concen: 42.438 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:149 Resp: 473302
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.1 9.7 14.5





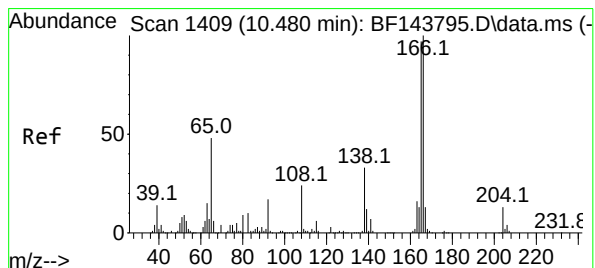
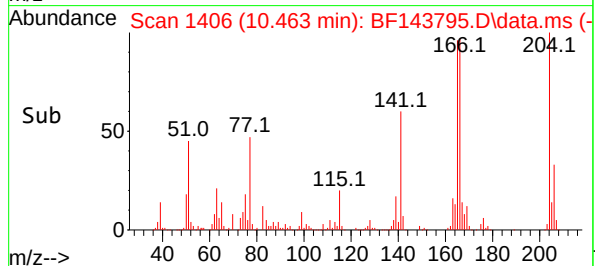
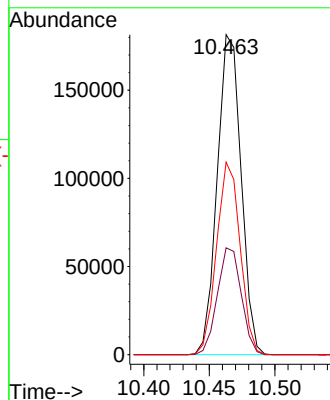
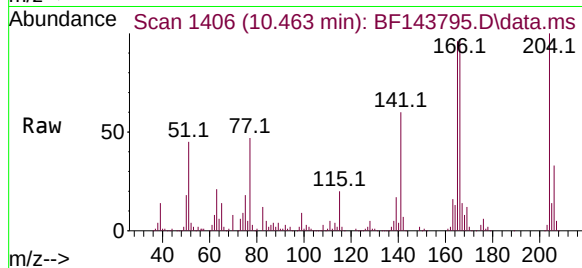
#61
4-Chlorophenyl-phenylether
Concen: 41.729 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 230643
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 60.2 48.2 72.2

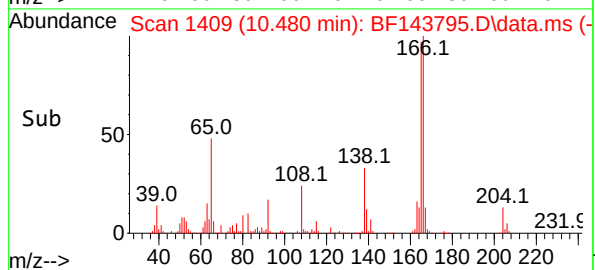
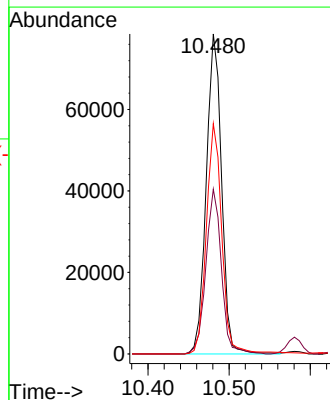
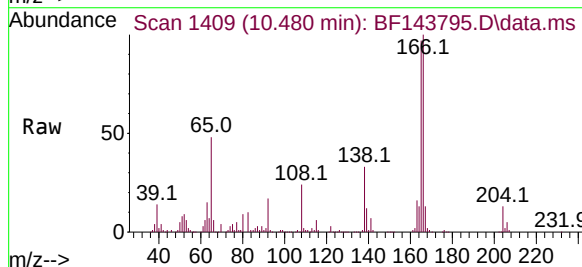
Manual Integrations
APPROVED

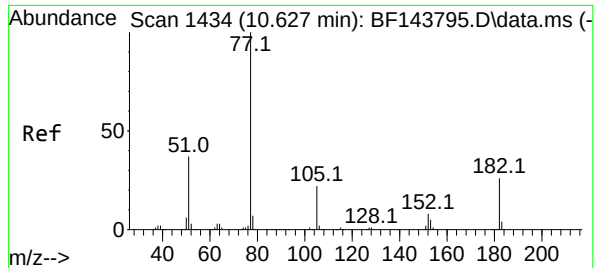
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#62
4-Nitroaniline
Concen: 46.254 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

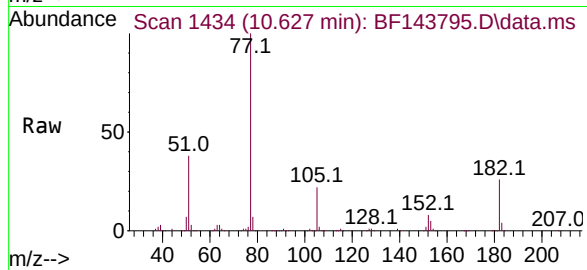
Tgt Ion:138 Resp: 103193
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 71.9 51.9 91.9





#63
Azobenzene
Concen: 42.532 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

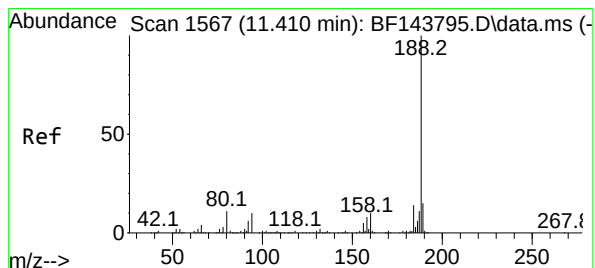
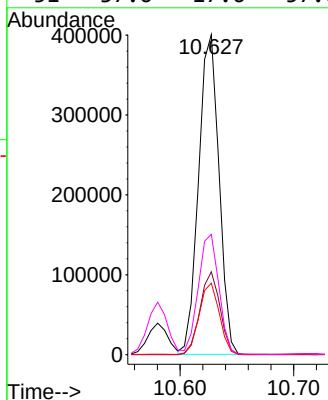
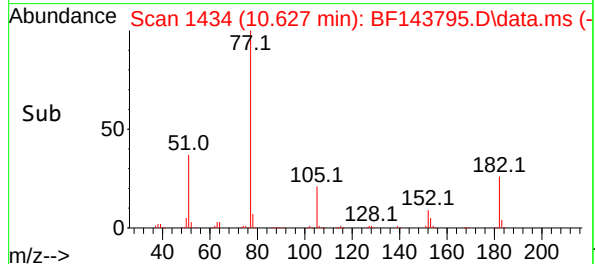
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



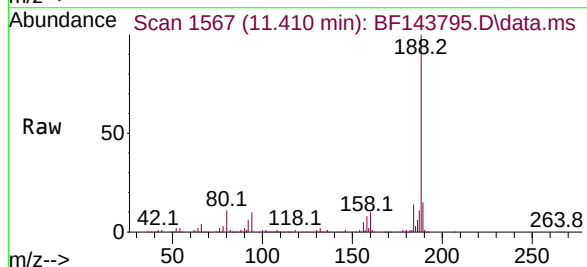
Tgt Ion: 77 Resp: 499929
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.3 2.3 42.3
51 37.6 17.6 57.6

Manual Integrations
APPROVED

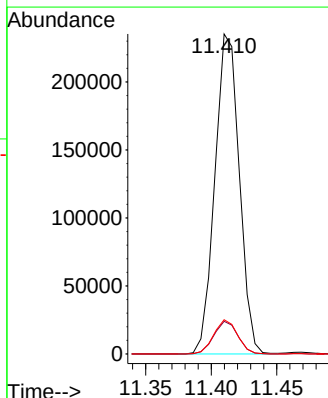
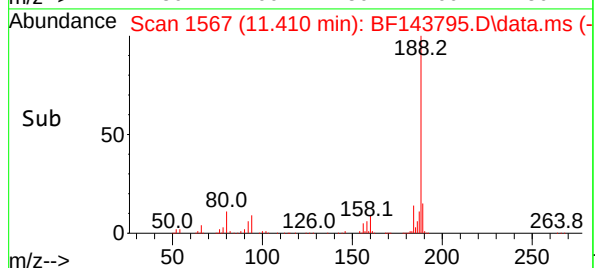
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

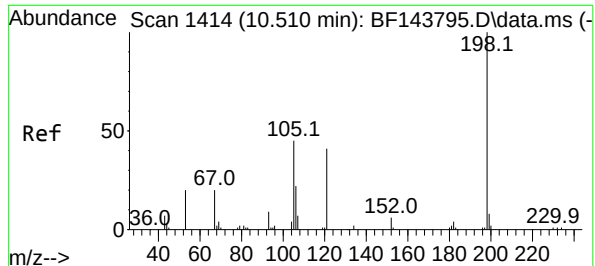


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:188 Resp: 304940
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8





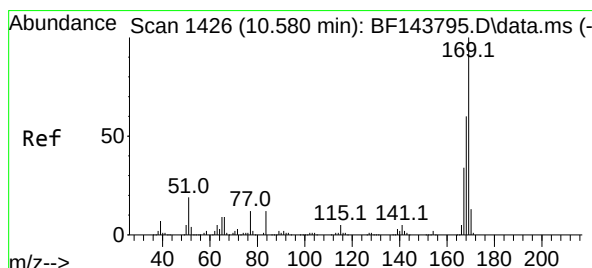
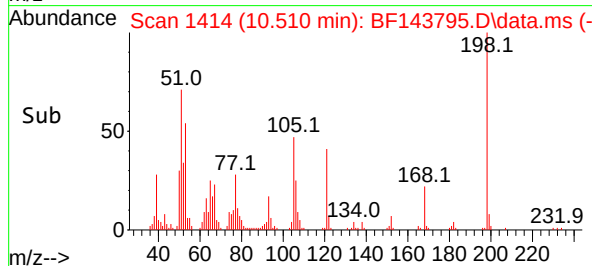
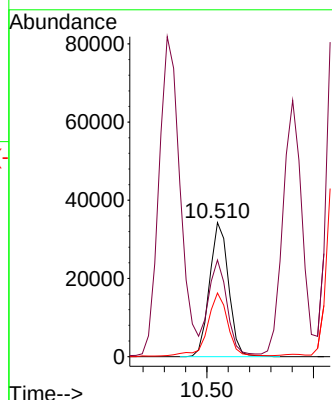
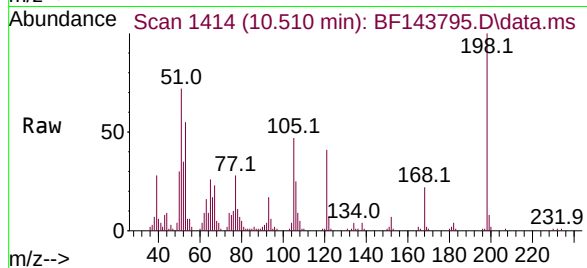
#65
4,6-Dinitro-2-methylphenol
Concen: 40.163 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 4244
Ion Ratio Lower Upper
198 100
51 72.0 52.0 92.0
105 47.5 27.5 67.5

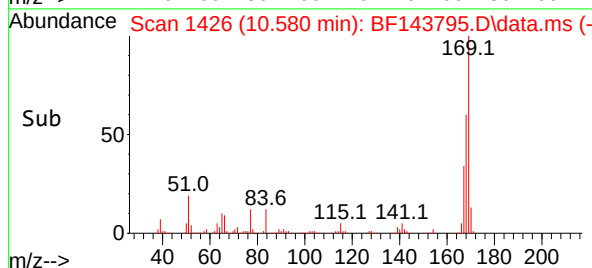
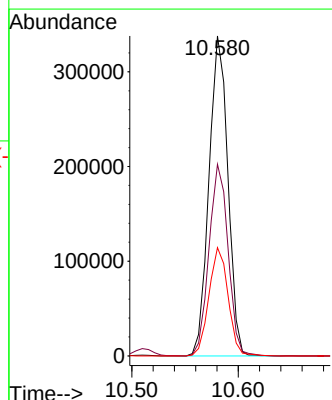
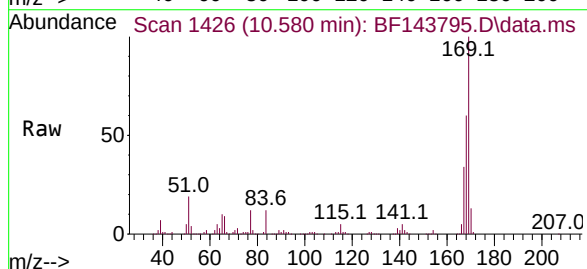
Manual Integrations
APPROVED

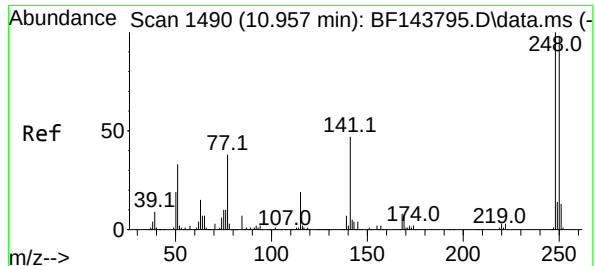
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 41.492 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

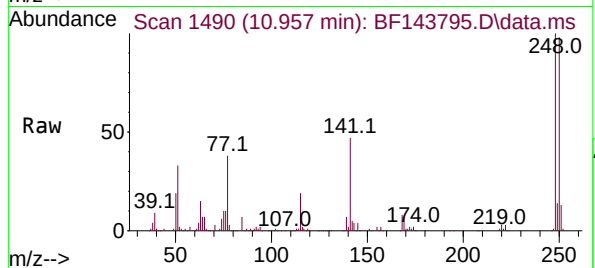
Tgt Ion:169 Resp: 416100
Ion Ratio Lower Upper
169 100
168 59.9 47.9 71.9
167 33.8 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 42.319 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

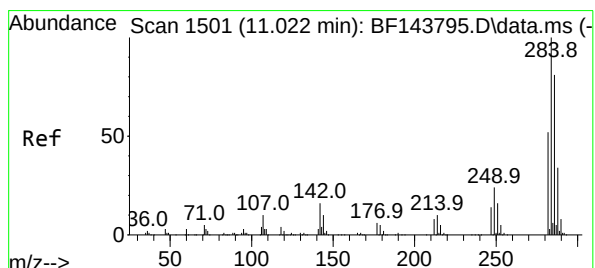
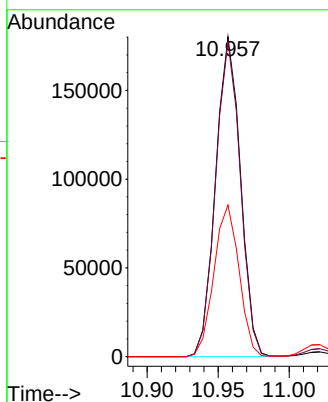
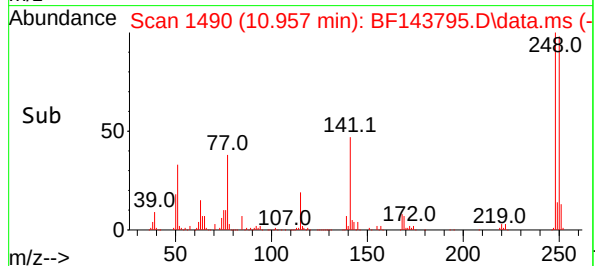
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



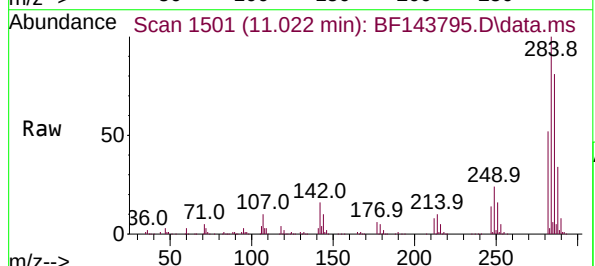
Tgt Ion:248 Resp: 219921
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 47.4 37.9 56.9

Manual Integrations
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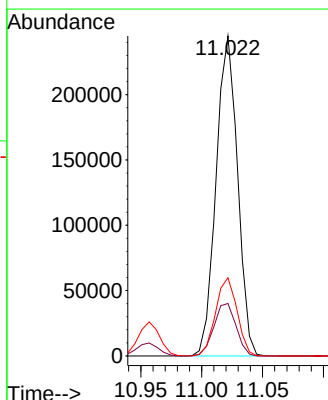
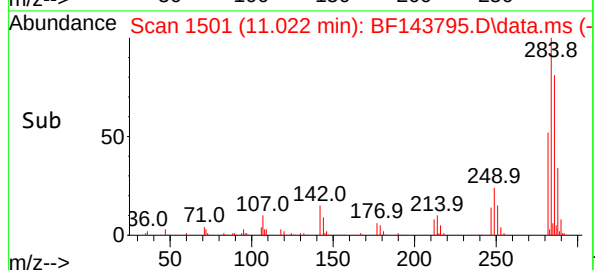
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

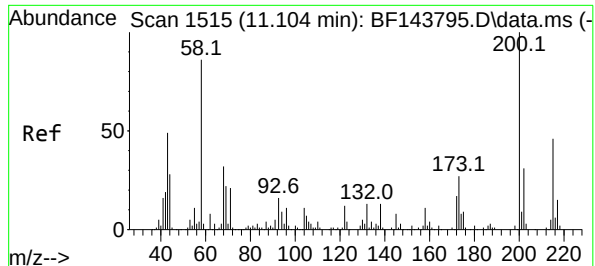


#68
Hexachlorobenzene
Concen: 41.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



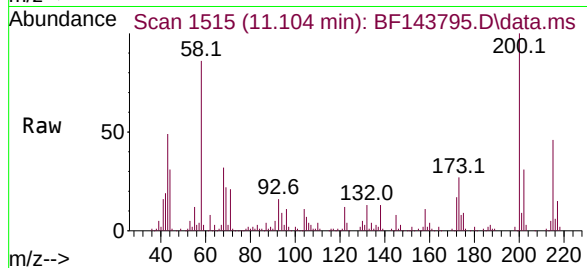
Tgt Ion:284 Resp: 300364
Ion Ratio Lower Upper
284 100
142 16.4 13.1 19.7
249 24.4 19.5 29.3





#69
Atrazine
Concen: 44.222 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

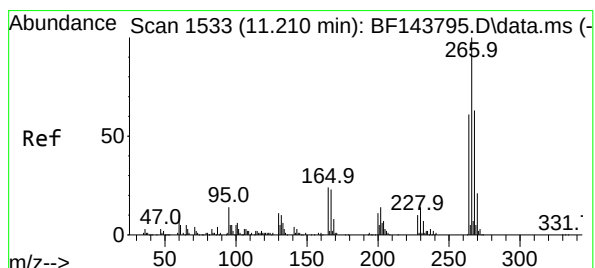
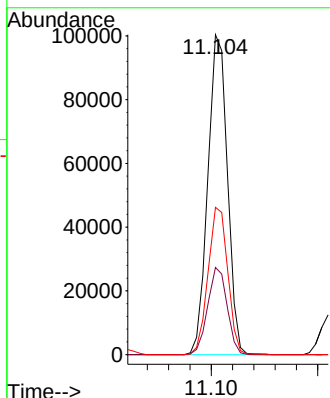
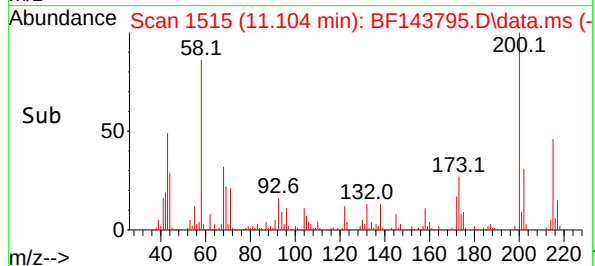
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 128423
Ion Ratio Lower Upper
200 100
173 27.2 7.2 47.2
215 46.0 26.0 66.0

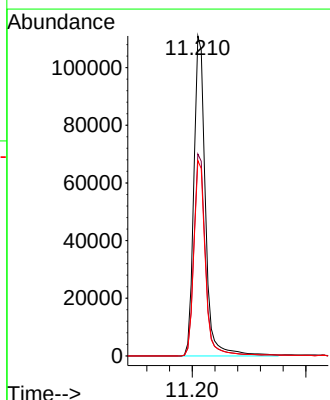
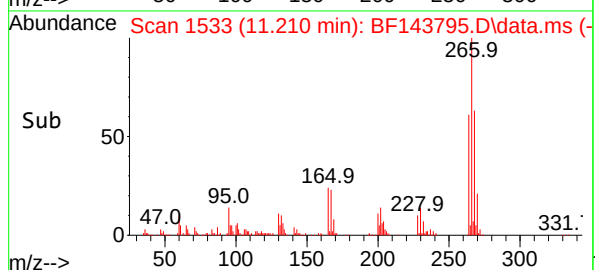
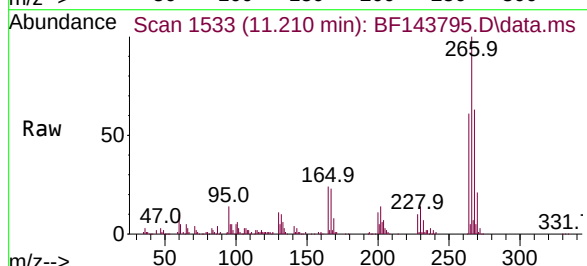
Manual Integrations
APPROVED

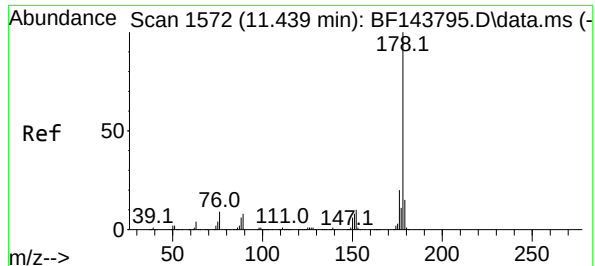
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#70
Pentachlorophenol
Concen: 43.781 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:266 Resp: 156073
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 61.0 48.8 73.2





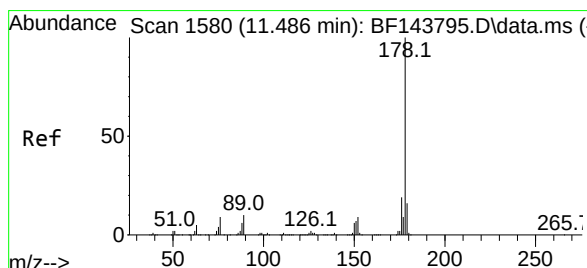
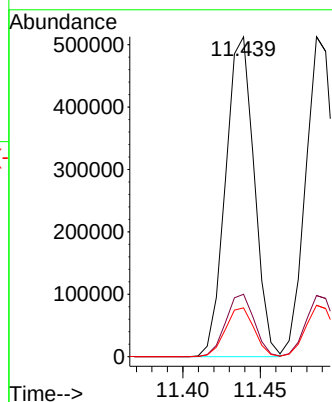
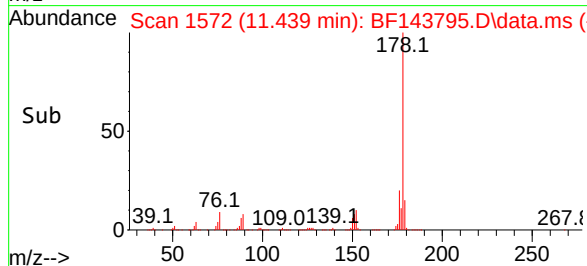
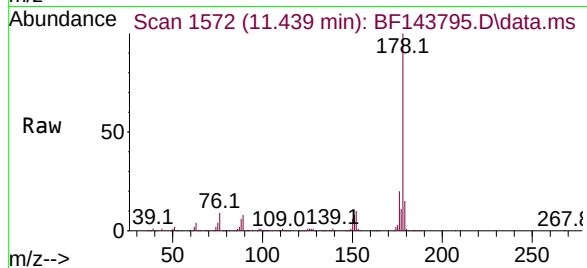
#71
Phenanthrene
Concen: 42.160 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 660040
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.2 18.4

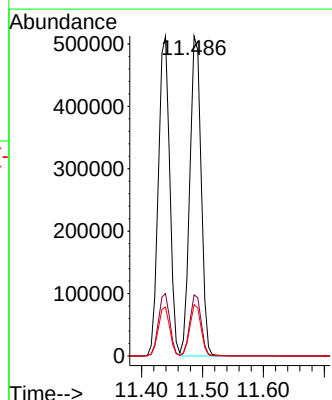
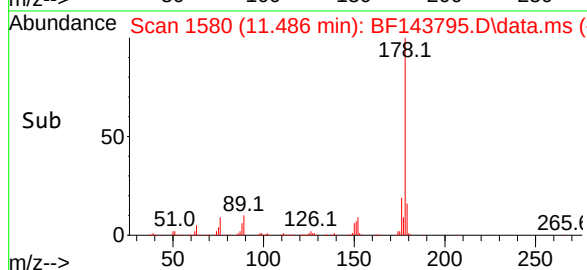
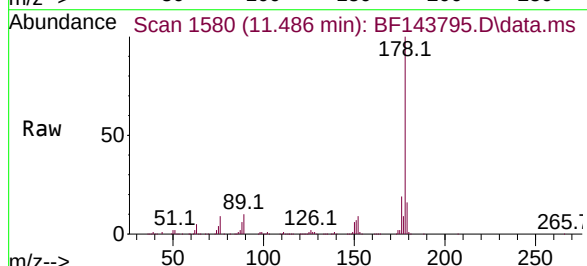
Manual Integrations
APPROVED

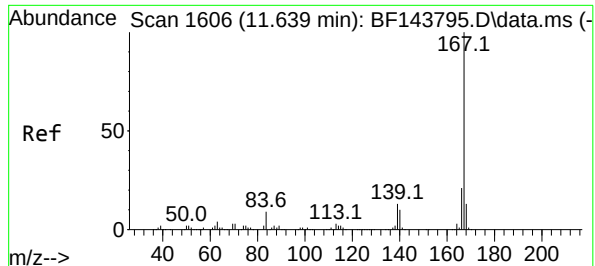
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 42.075 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

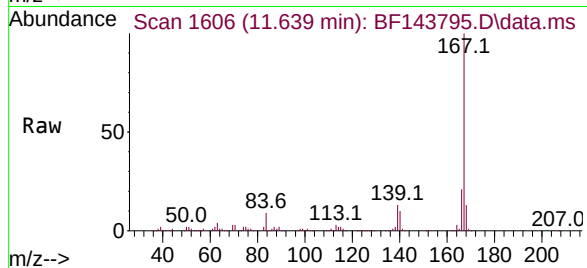
Tgt Ion:178 Resp: 660736
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.8 19.2





#73
Carbazole
Concen: 43.368 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

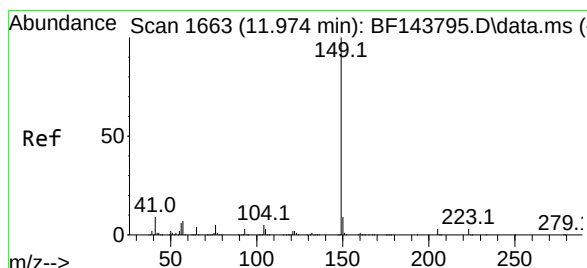
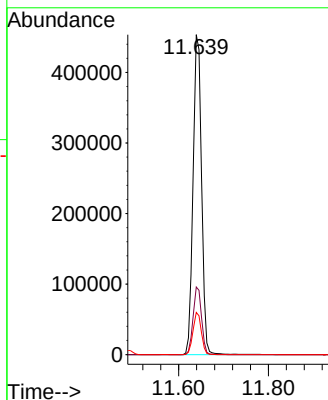
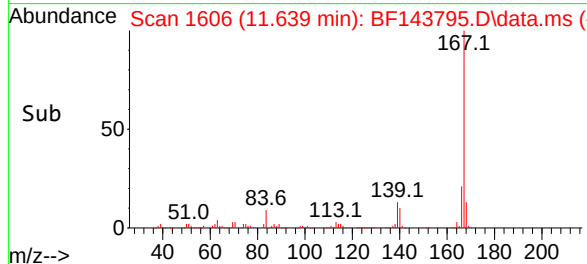
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



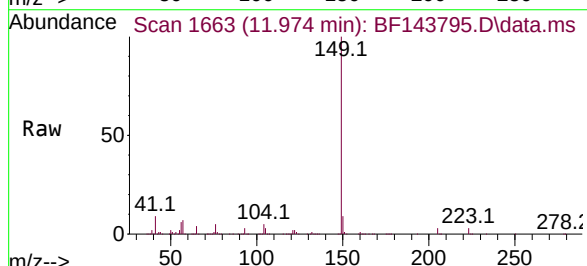
Tgt Ion:167 Resp: 595454
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.2 10.6 15.8

Manual Integrations
APPROVED

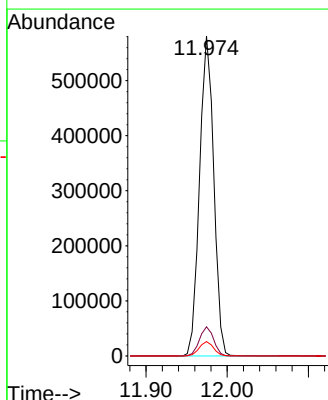
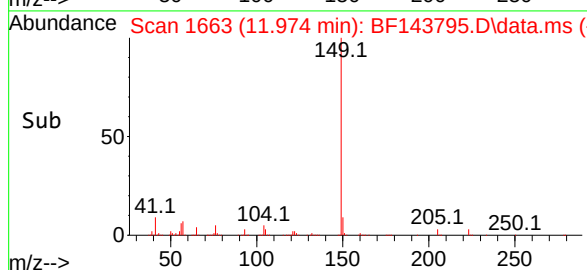
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

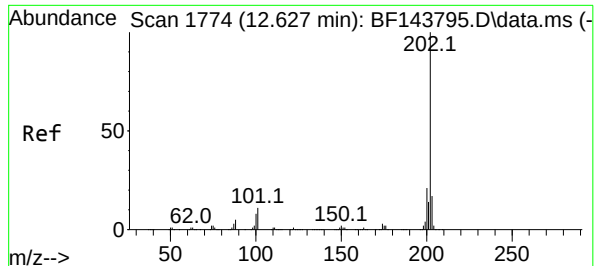


#74
Di-n-butylphthalate
Concen: 44.694 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



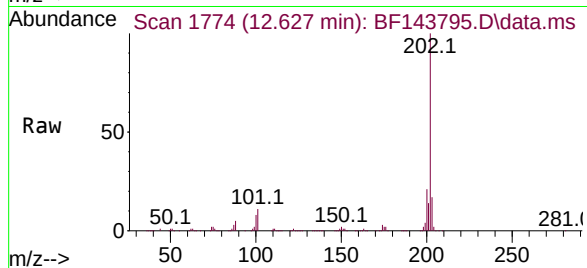
Tgt Ion:149 Resp: 705755
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 44.322 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

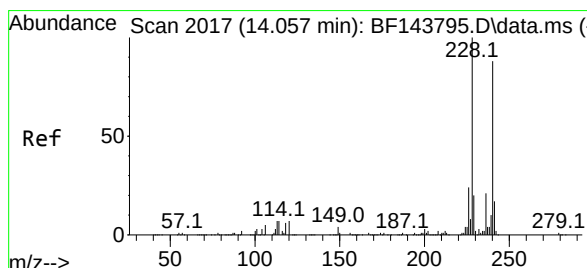
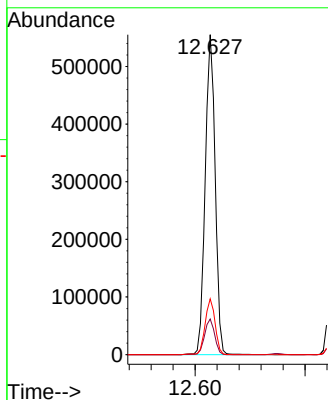
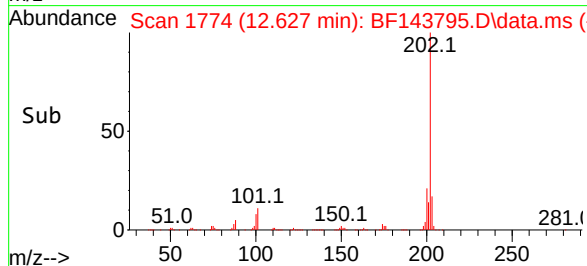
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 697899
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.4 0.0 37.4

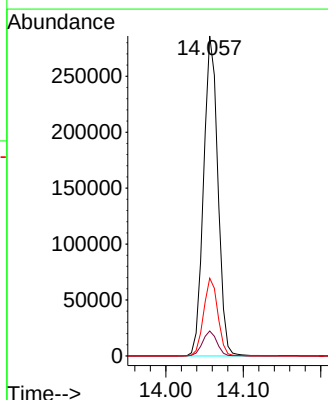
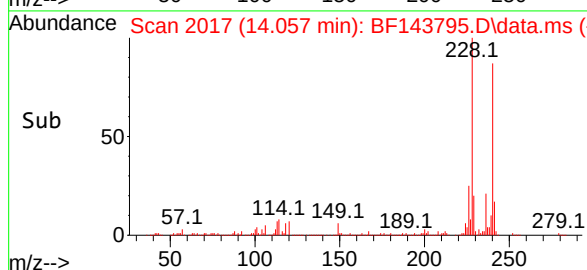
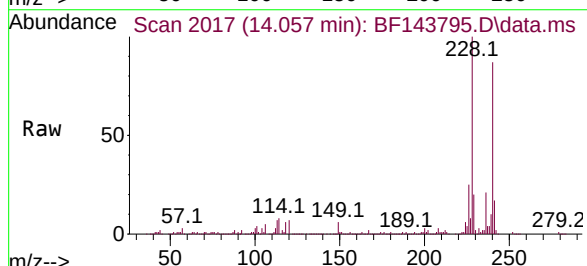
Manual Integrations
APPROVED

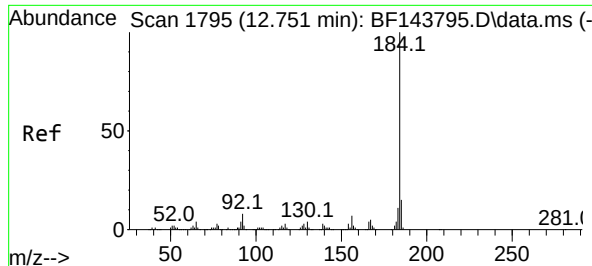
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

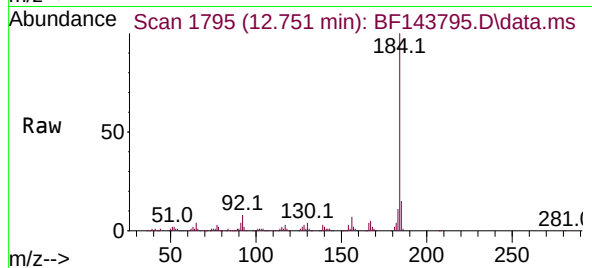
Tgt Ion:240 Resp: 365989
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.3 19.4 29.2





#77
Benzidine
Concen: 41.956 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

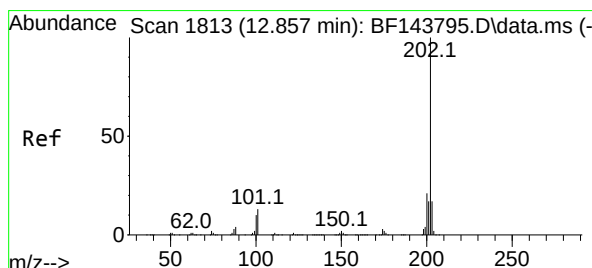
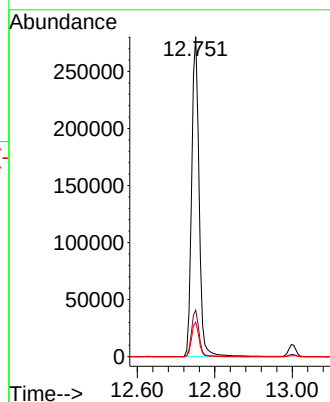
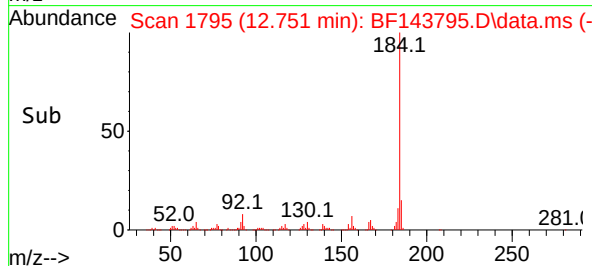
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 374182
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 10.8 8.6 13.0

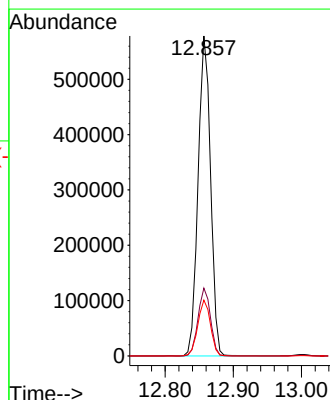
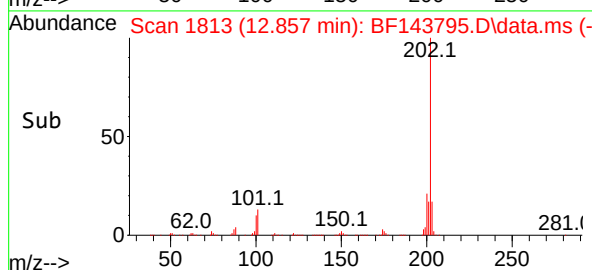
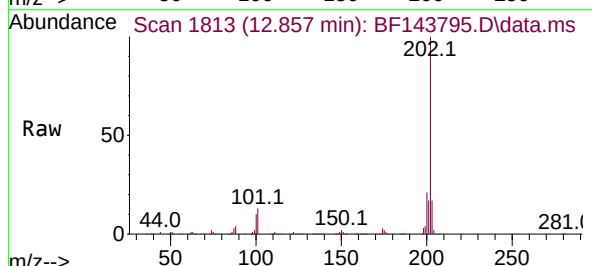
Manual Integrations
APPROVED

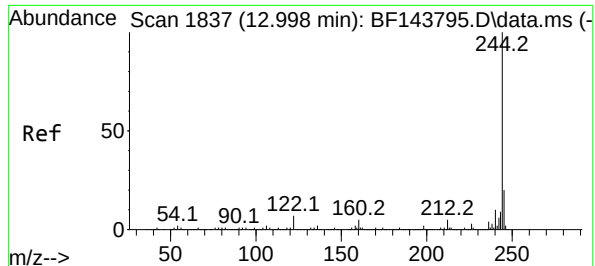
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 40.870 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:202 Resp: 735401
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.257 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143795.D

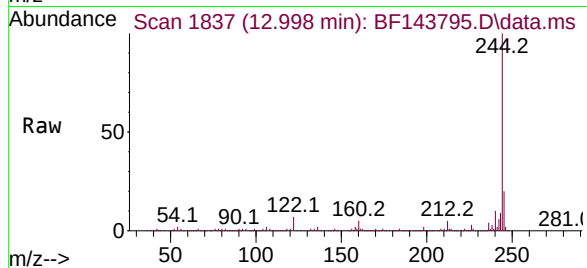
Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 1496108

Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

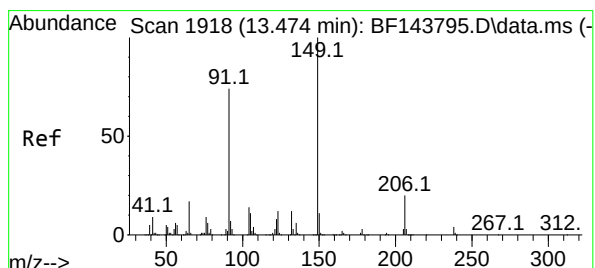
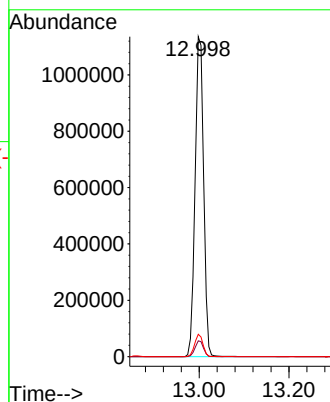
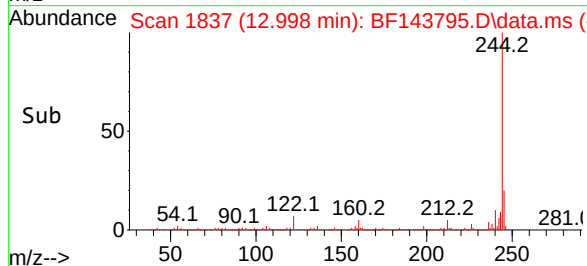
122 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#80

Butylbenzylphthalate

Concen: 46.027 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

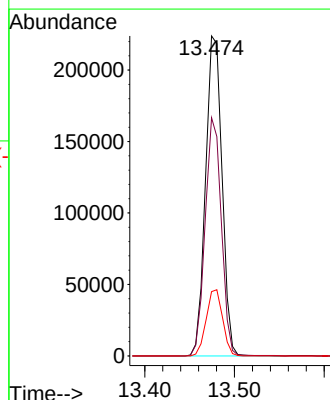
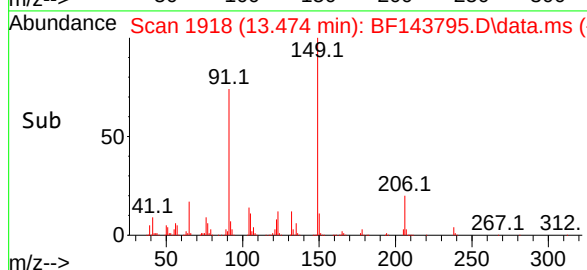
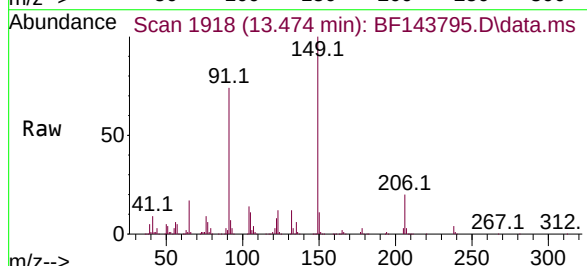
Tgt Ion:149 Resp: 286527

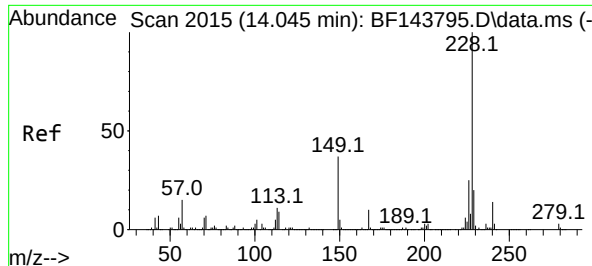
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

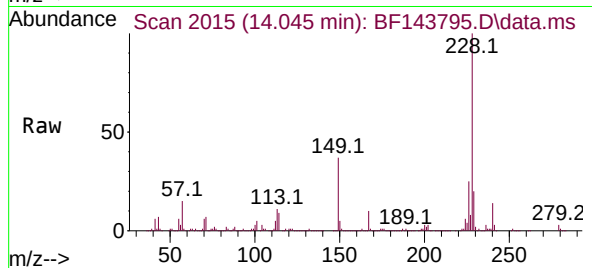
206 20.1 16.1 24.1





#81
Benzo(a)anthracene
Concen: 42.732 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

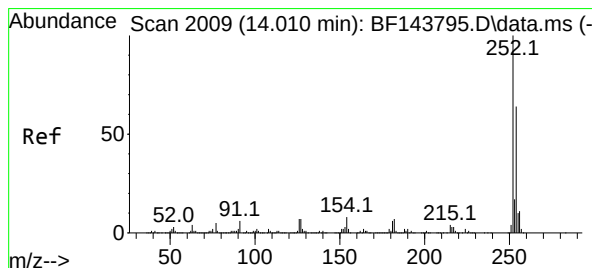
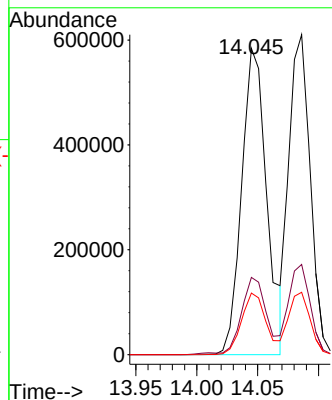
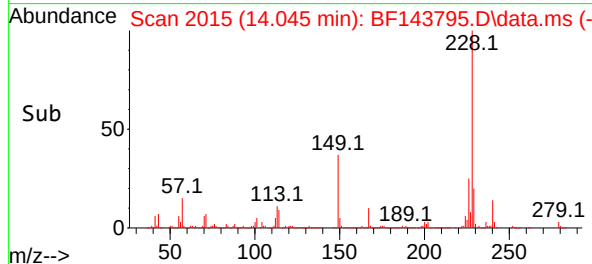
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 840188
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 20.1 16.1 24.1

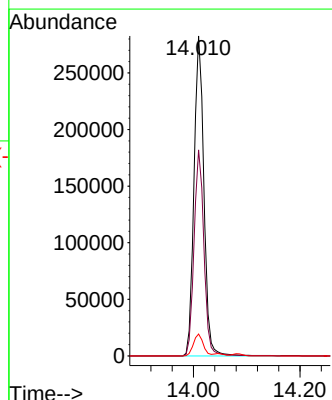
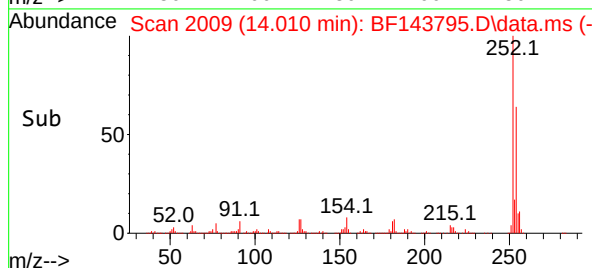
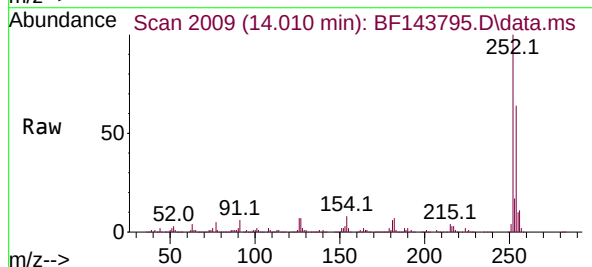
Manual Integrations
APPROVED

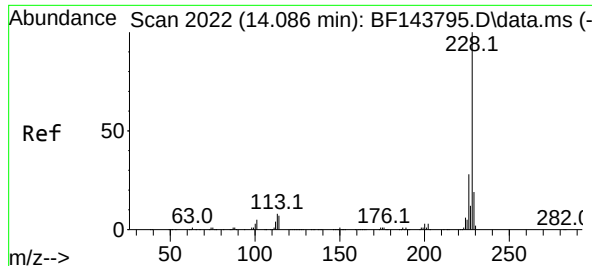
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.702 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

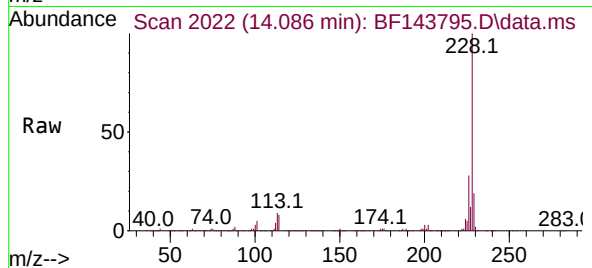
Tgt Ion:252 Resp: 363730
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 6.8 5.4 8.2





#83
Chrysene
Concen: 41.873 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

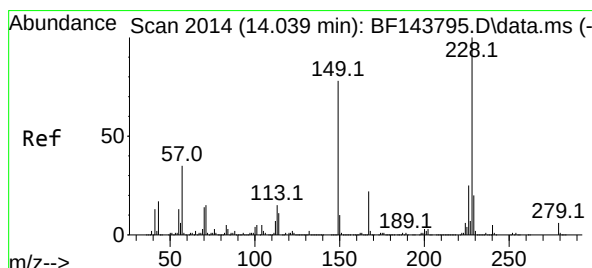
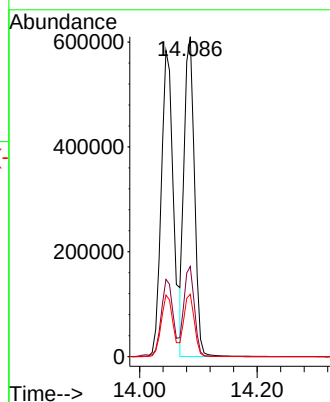
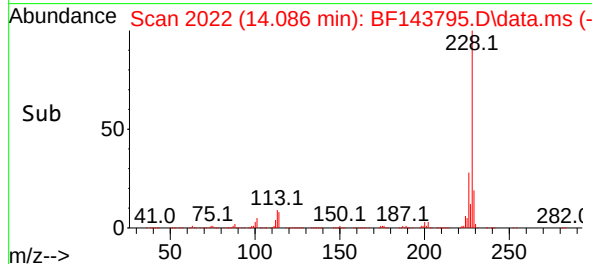
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



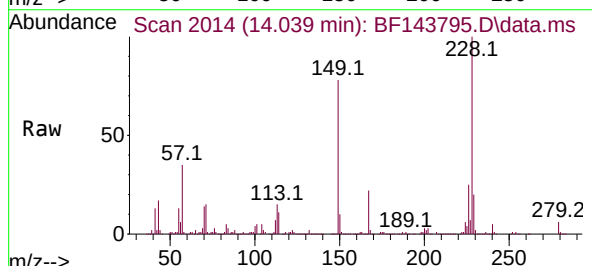
Tgt Ion:228 Resp: 744962
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.5 15.6 23.4

Manual Integrations
APPROVED

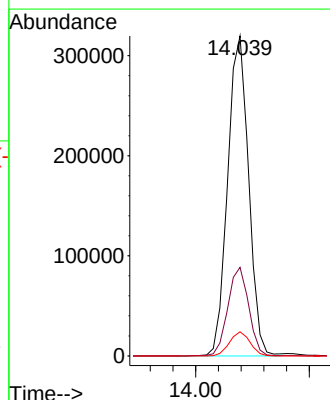
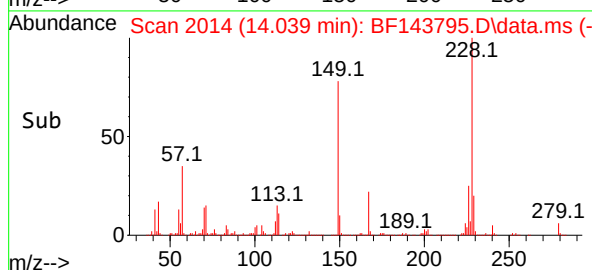
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

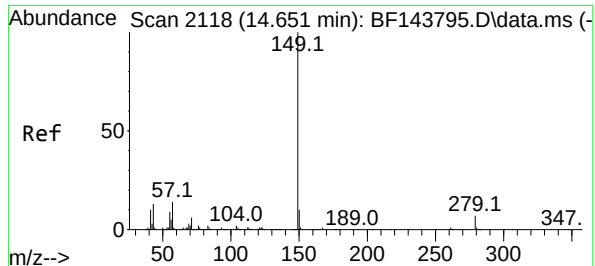


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.759 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



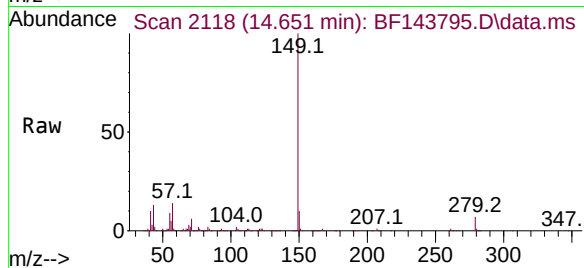
Tgt Ion:149 Resp: 408417
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 7.5 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

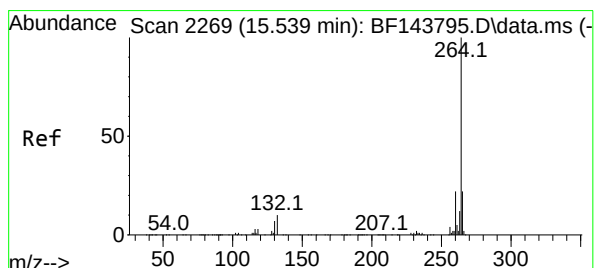
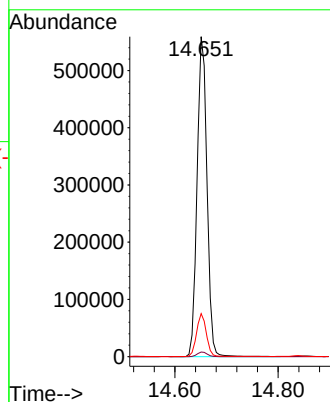
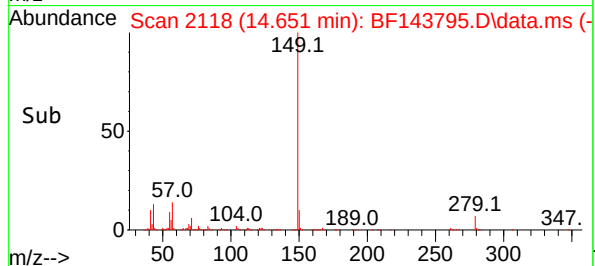
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 741702
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.4 10.7 16.1

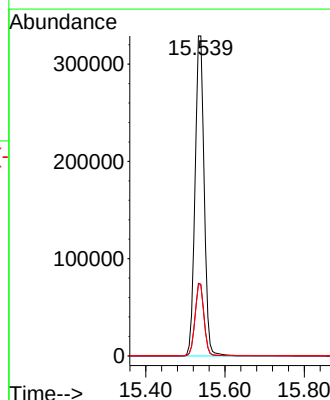
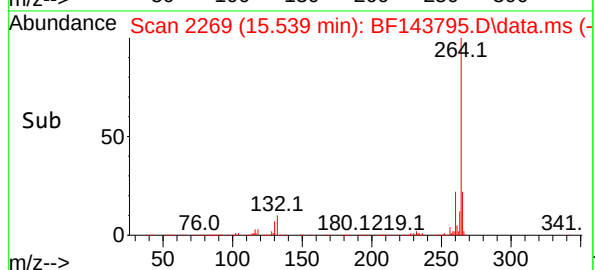
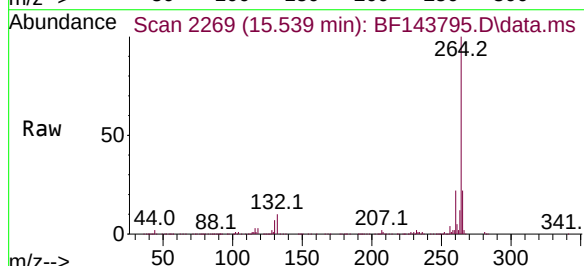
Manual Integrations
APPROVED

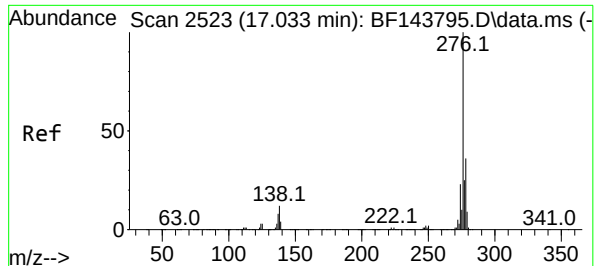
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

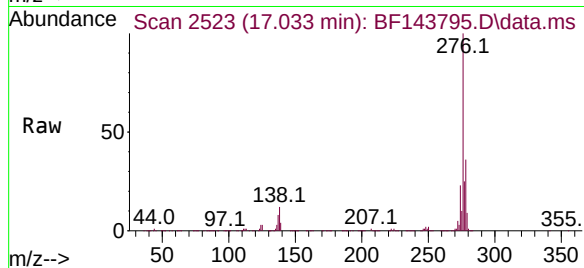
Tgt Ion:264 Resp: 525577
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 22.1 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.389 ng
RT: 17.033 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

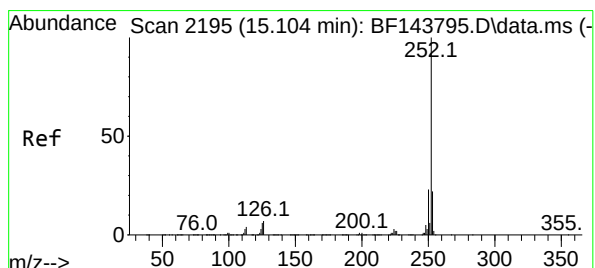
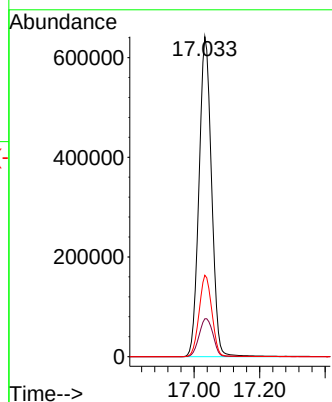
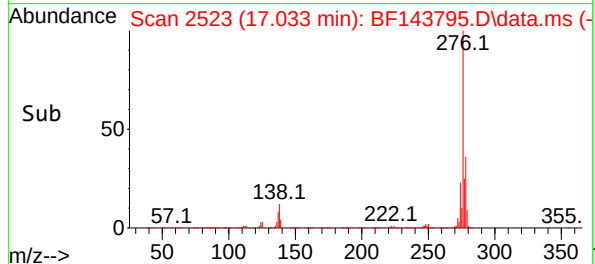
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 1690390
Ion Ratio Lower Upper
276 100
138 13.2 10.6 15.8
277 25.9 20.7 31.1

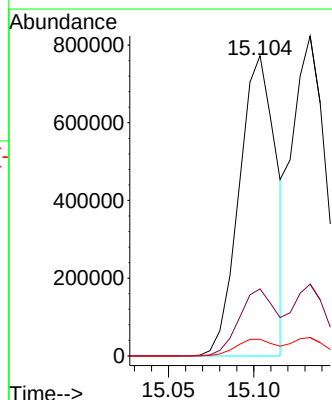
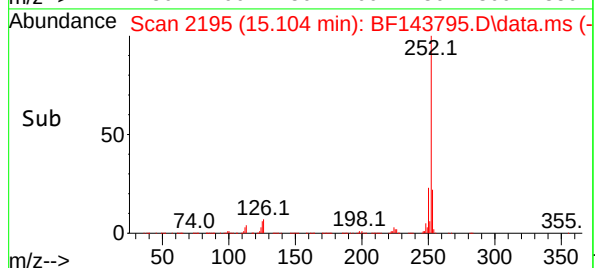
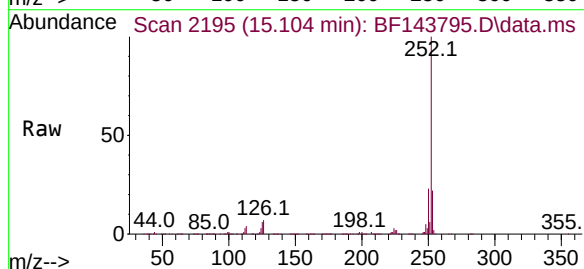
Manual Integrations
APPROVED

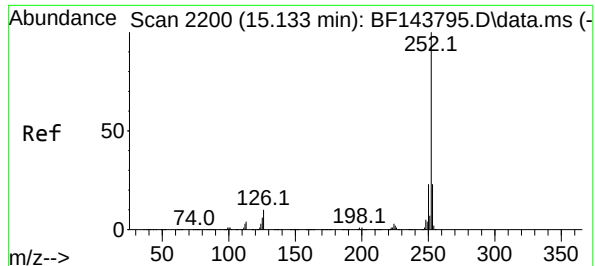
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 43.365 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 252 Resp: 1160651
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 42.573 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 1144789

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

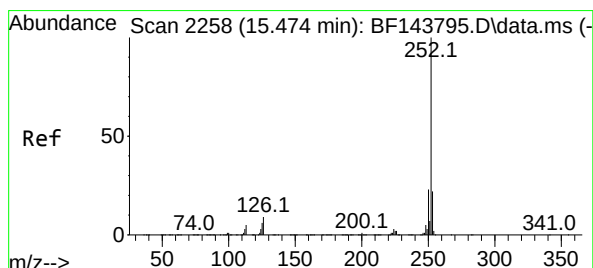
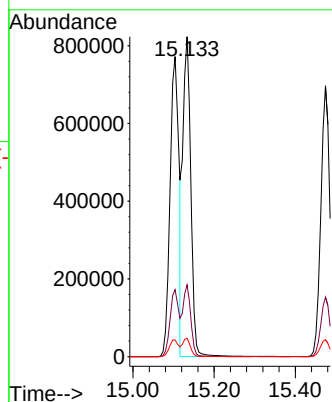
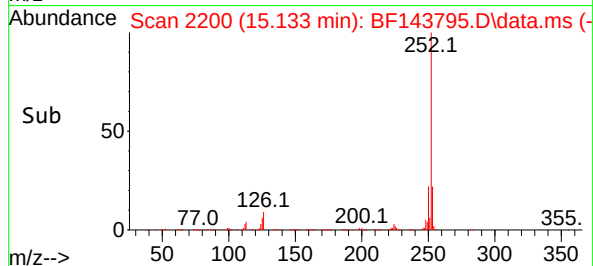
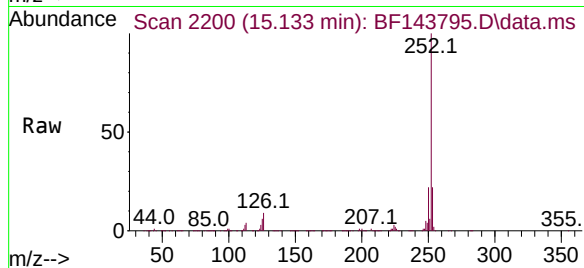
125 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 42.908 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

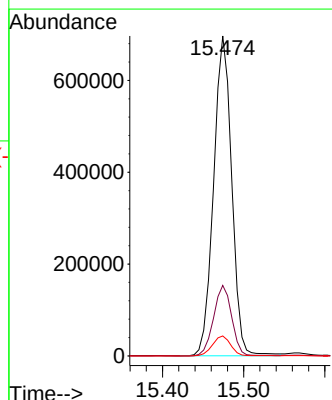
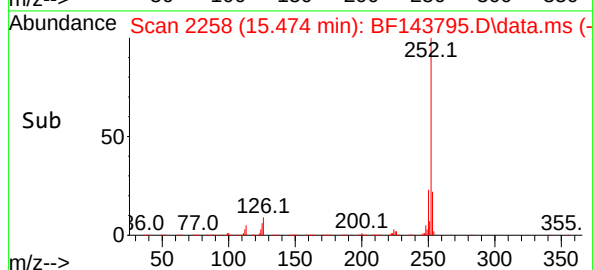
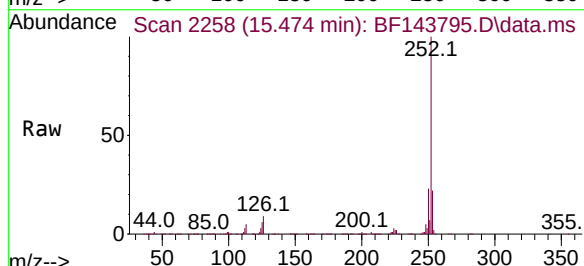
Tgt Ion:252 Resp: 1079512

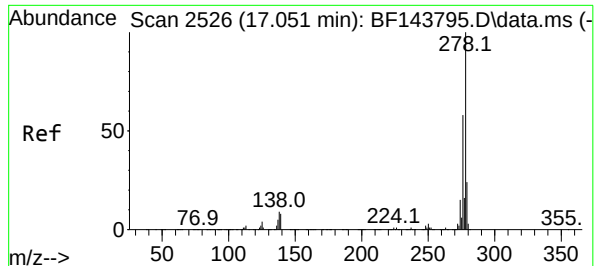
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

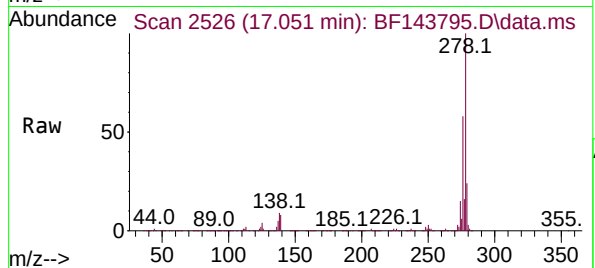
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 42.920 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

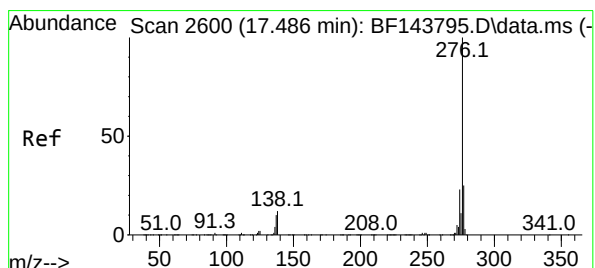
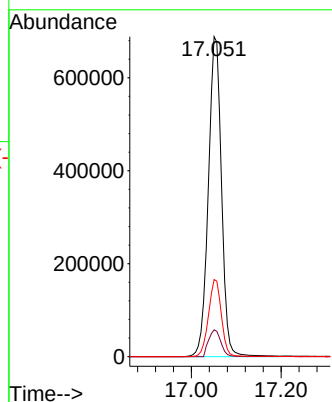
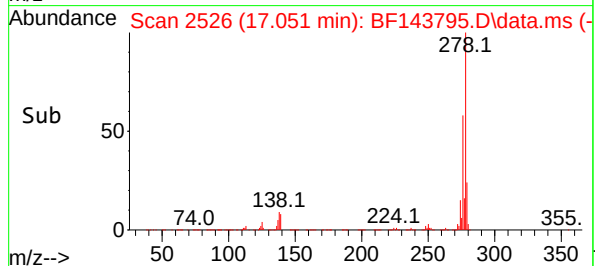
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 1399884
Ion Ratio Lower Upper
278 100
139 8.4 6.7 10.1
279 24.1 19.3 28.9

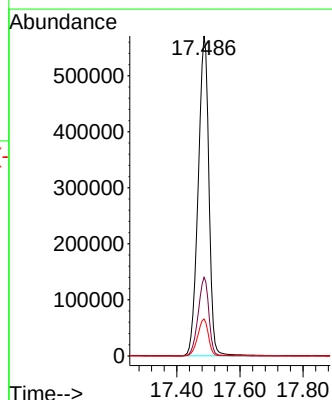
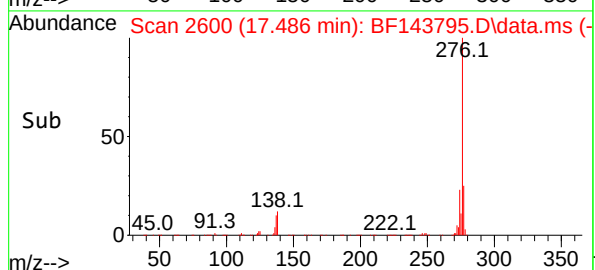
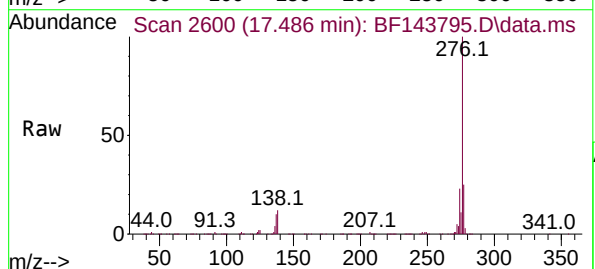
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 42.757 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 1344334
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 11.5 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	138683	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501953	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251921	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	388493	20.000	ng	0.00
76) Chrysene-d12	14.057	240	388120	20.000	ng	0.00
86) Perylene-d12	15.533	264	541272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	801520	93.013	ng	0.00
7) Phenol-d6	6.504	99	926468	91.106	ng	0.00
23) Nitrobenzene-d5	7.451	82	808554	101.372	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	354459	98.591	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453709	85.274	ng	0.00
79) Terphenyl-d14	12.998	244	1903421	96.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	193379	47.331	ng	98
3) Pyridine	3.410	79	532244	48.261	ng	100
4) n-Nitrosodimethylamine	3.357	42	268794	48.607	ng	99
6) Aniline	6.545	93	672706	46.995	ng	99
8) 2-Chlorophenol	6.669	128	419160	47.967	ng	100
9) Benzaldehyde	6.440	77	459911	53.250	ng	98
10) Phenol	6.522	94	531938m	46.401	ng	
11) bis(2-Chloroethyl)ether	6.622	93	423912	47.173	ng	100
12) 1,3-Dichlorobenzene	6.828	146	466330	45.962	ng	98
13) 1,4-Dichlorobenzene	6.904	146	464335	45.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	442761	46.170	ng	99
15) Benzyl Alcohol	7.022	79	348008	48.833	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1004151	47.124	ng	99
17) 2-Methylphenol	7.128	107	325304	48.084	ng	99
18) Hexachloroethane	7.404	117	167022	46.905	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	292083	46.054	ng	98
20) 3+4-Methylphenols	7.287	107	394272	47.855	ng	# 90
22) Acetophenone	7.298	105	503776	45.695	ng	99
24) Nitrobenzene	7.469	77	448291	49.320	ng	98
25) Isophorone	7.704	82	782800	48.987	ng	100
26) 2-Nitrophenol	7.787	139	188140	50.281	ng	94
27) 2,4-Dimethylphenol	7.816	122	351504	49.214	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	492835	47.470	ng	100
29) 2,4-Dichlorophenol	8.022	162	342962	48.801	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	345360	47.353	ng	100
31) Naphthalene	8.192	128	1112658	46.304	ng	100
32) Benzoic acid	7.910	122	185973	53.967	ng	96
33) 4-Chloroaniline	8.239	127	405365	48.005	ng	100
34) Hexachlorobutadiene	8.310	225	258638	47.570	ng	99
35) Caprolactam	8.604	113	92410	51.444	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	327629	49.707	ng	97
37) 2-Methylnaphthalene	8.881	142	712848	46.524	ng	99
38) 1-Methylnaphthalene	8.981	142	689609	47.022	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	351998	46.300	ng	99
41) Hexachlorocyclopentadiene	9.034	237	240402	49.894	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	238499	50.100	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	239256	48.050	ng	99
46) 1,1'-Biphenyl	9.345	154	838250	45.967	ng	99
47) 2-Chloronaphthalene	9.375	162	678591	46.229	ng	99
48) 2-Nitroaniline	9.463	65	239106	53.895	ng	99
49) Acenaphthylene	9.786	152	943926	46.711	ng	100
50) Dimethylphthalate	9.639	163	738918	48.124	ng	100
51) 2,6-Dinitrotoluene	9.704	165	141300	56.010	ng	98
52) Acenaphthene	9.957	154	613218	46.113	ng	99
53) 3-Nitroaniline	9.875	138	163244	53.384	ng	100
54) 2,4-Dinitrophenol	9.975	184	41616	49.728	ng	# 73
55) Dibenzofuran	10.133	168	867169	46.115	ng	100
56) 4-Nitrophenol	10.022	139	121266	49.212	ng	95
57) 2,4-Dinitrotoluene	10.104	165	185701	49.496	ng	99
58) Fluorene	10.475	166	632710	45.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223693	52.440	ng	99
60) Diethylphthalate	10.345	149	692482	48.178	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	332223	46.640	ng	98
62) 4-Nitroaniline	10.486	138	152165	52.923	ng	99
63) Azobenzene	10.628	77	722936	47.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	72195	50.124	ng	90
66) n-Nitrosodiphenylamine	10.586	169	603084	47.203	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	324243	48.975	ng	99
68) Hexachlorobenzene	11.022	284	433735	47.539	ng	99
69) Atrazine	11.110	200	180897	48.894	ng	98
70) Pentachlorophenol	11.216	266	231733	51.024	ng	99
71) Phenanthrene	11.439	178	920438	46.149	ng	100
72) Anthracene	11.492	178	936801	46.825	ng	99
73) Carbazole	11.639	167	814499	46.564	ng	100
74) Di-n-butylphthalate	11.975	149	990005	49.211	ng	100
75) Fluoranthene	12.627	202	926047	46.163	ng	99
77) Benzidine	12.751	184	553563	58.531	ng	99
78) Pyrene	12.857	202	960254	50.323	ng	99
80) Butylbenzylphthalate	13.474	149	356288	53.969	ng	99
81) Benzo(a)anthracene	14.045	228	1009406	48.411	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	445355	49.304	ng	100
83) Chrysene	14.086	228	882028	46.750	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	489947	50.632	ng	100
85) Di-n-octyl phthalate	14.651	149	875478	49.877	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2041373	49.707	ng	99
88) Benzo(b)fluoranthene	15.104	252	1356316	49.206	ng	100
89) Benzo(k)fluoranthene	15.133	252	1347591	48.662	ng	100
90) Benzo(a)pyrene	15.474	252	1283604	49.541	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1673679	49.826	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1623902	50.151	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

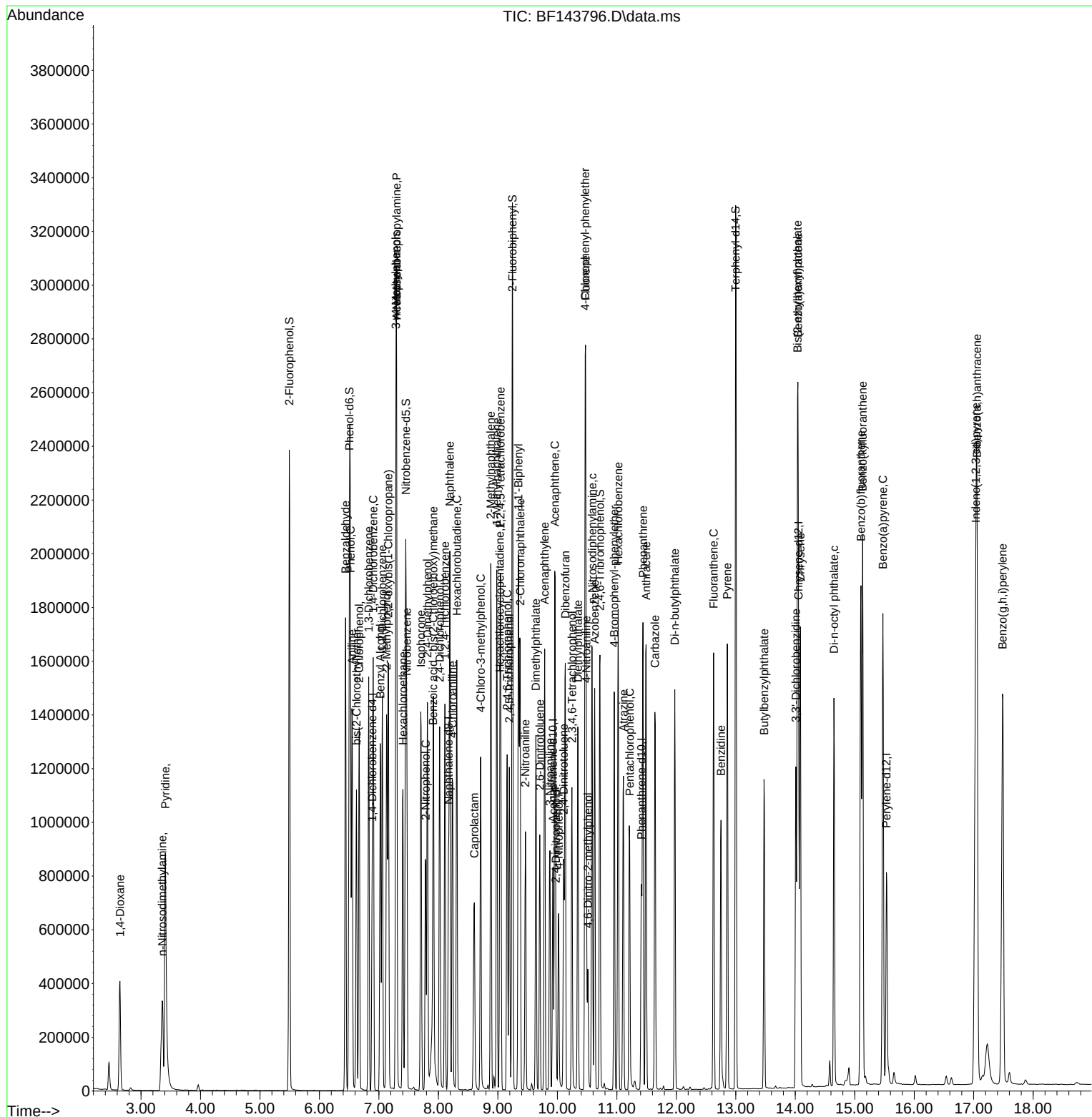
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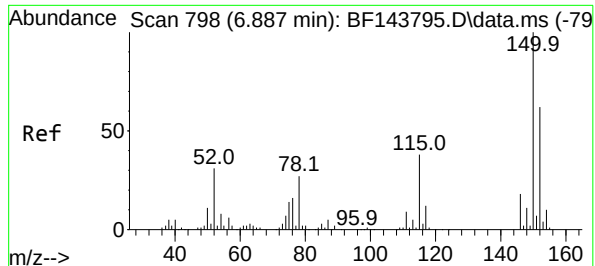
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

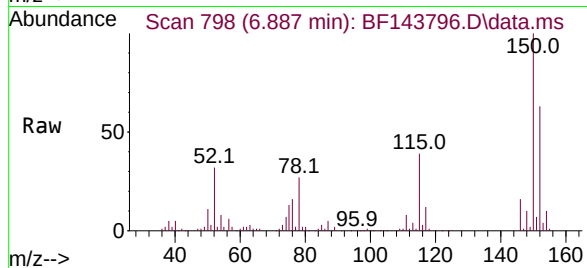
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

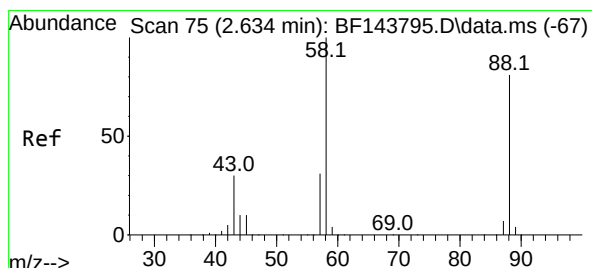
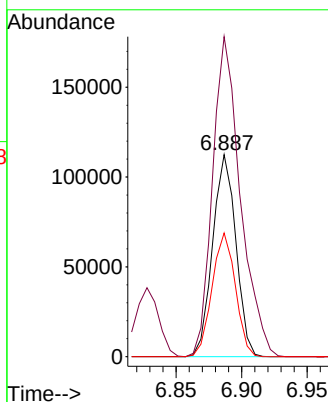
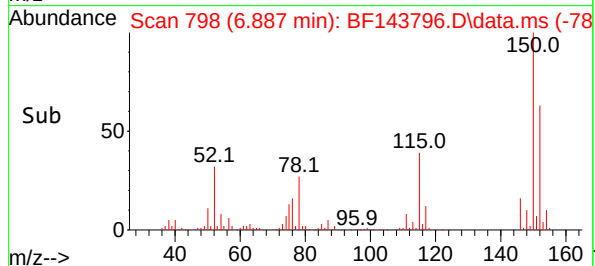
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 138683
Ion Ratio Lower Upper
152 100
150 158.4 129.6 194.4
115 61.2 49.0 73.4

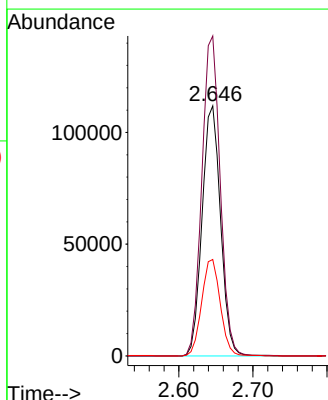
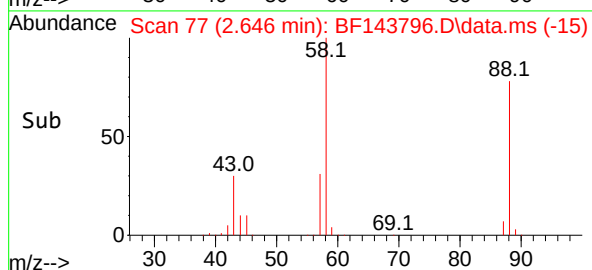
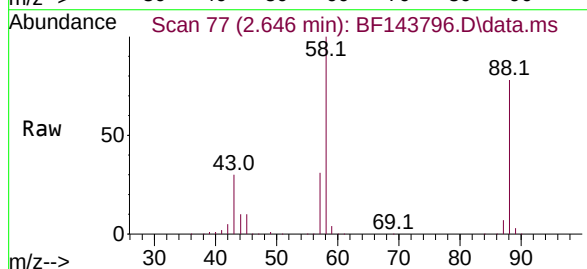
Manual Integrations
APPROVED

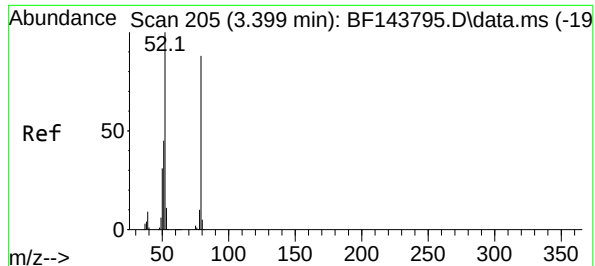
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 47.331 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

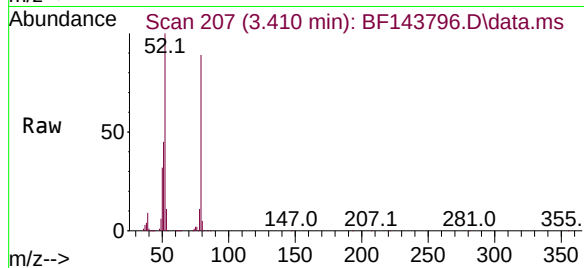
Tgt Ion: 88 Resp: 193379
Ion Ratio Lower Upper
88 100
58 127.4 99.4 149.2
43 38.9 30.6 45.8





#3
Pyridine
Concen: 48.261 ng
RT: 3.410 min Scan# 205
Delta R.T. 0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

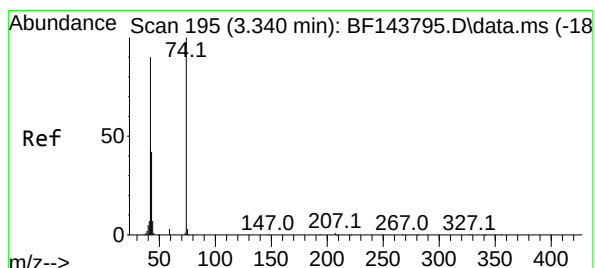
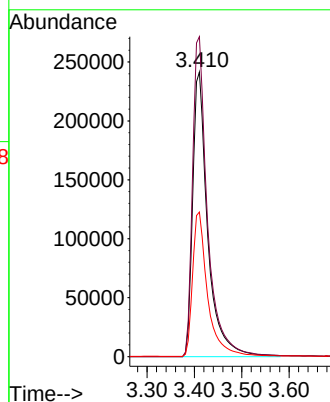
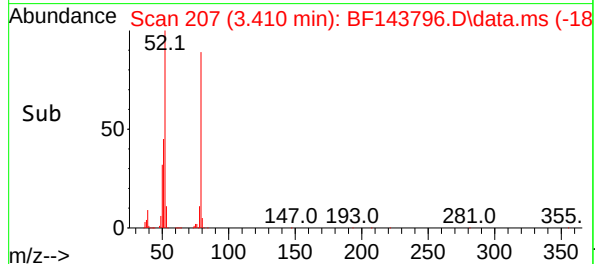
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 532244
Ion Ratio Lower Upper
79 100
52 112.5 90.5 135.7
51 50.8 40.6 61.0

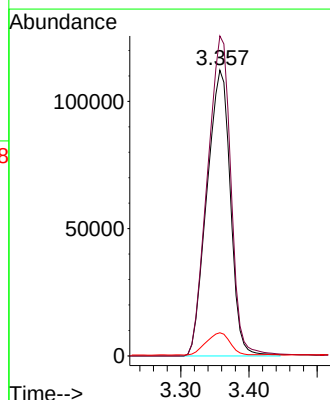
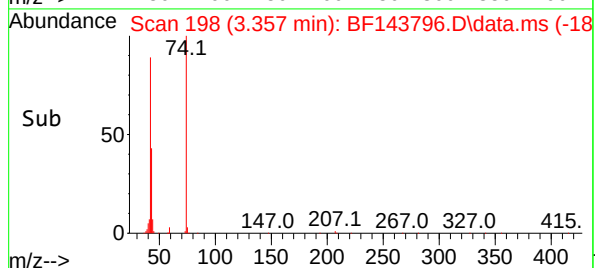
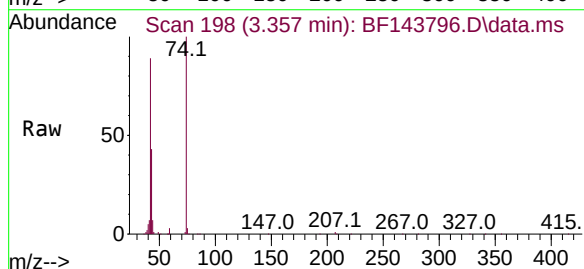
Manual Integrations
APPROVED

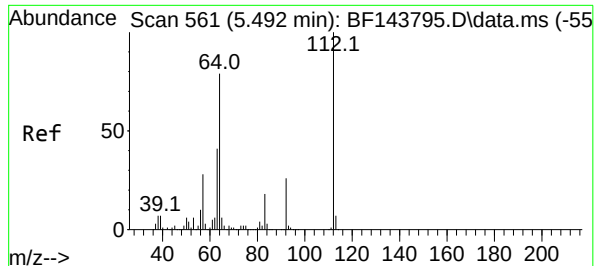
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 48.607 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

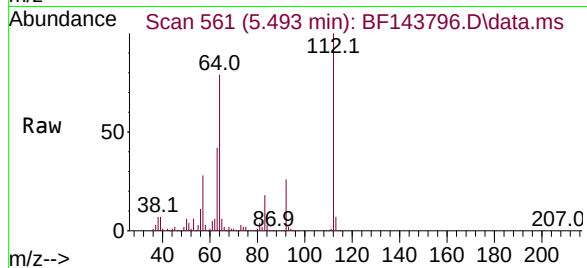
Tgt Ion: 42 Resp: 268794
Ion Ratio Lower Upper
42 100
74 112.0 89.1 133.7
44 8.1 6.4 9.6





#5
2-Fluorophenol
Concen: 93.013 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

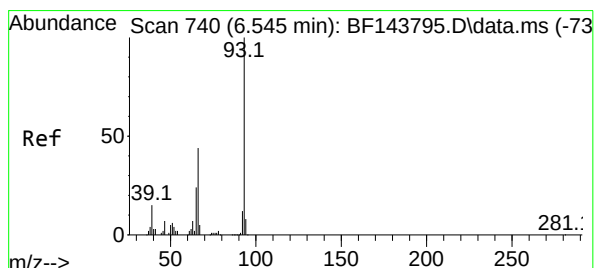
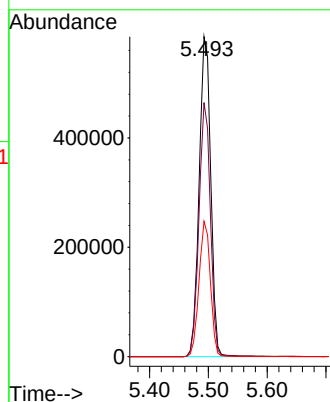
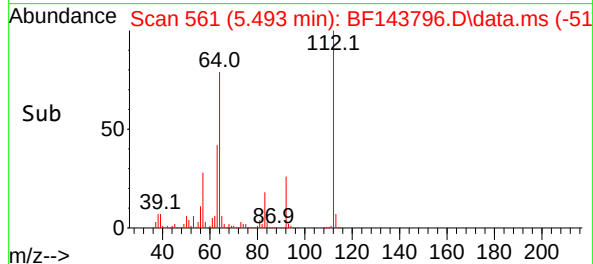
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 801520
Ion Ratio Lower Upper
112 100
64 79.4 63.0 94.4
63 42.3 32.6 49.0

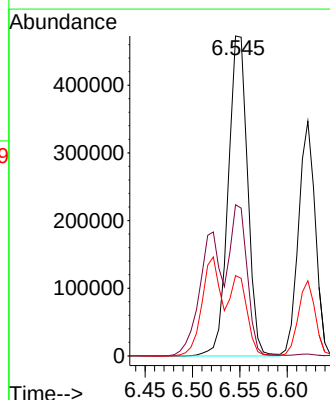
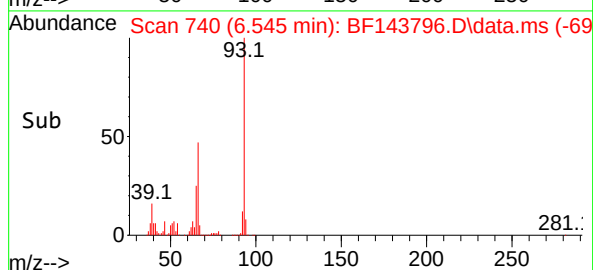
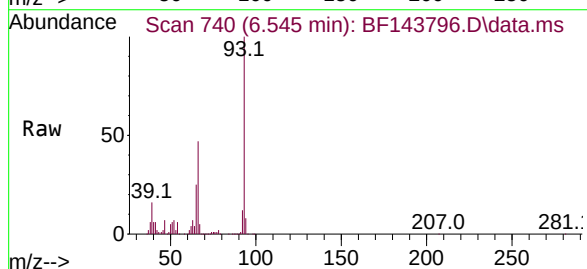
Manual Integrations
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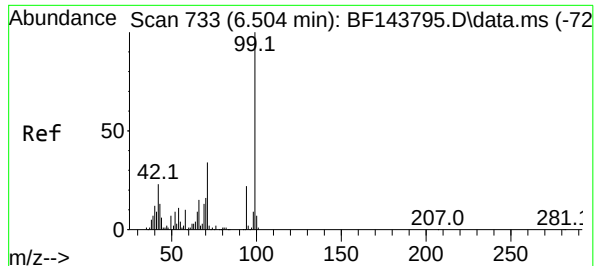
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 46.995 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 93 Resp: 672706
Ion Ratio Lower Upper
93 100
66 47.2 37.1 55.7
65 25.1 19.4 29.0





#7

Phenol-d6

Concen: 91.106 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 926468

Ion Ratio Lower Upper

99 100

42 24.1 18.6 28.0

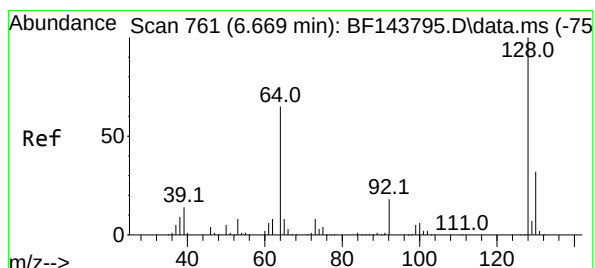
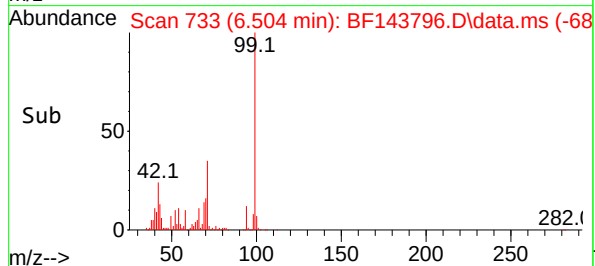
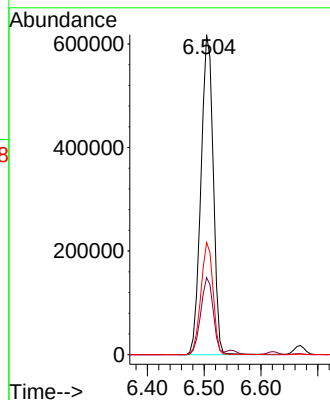
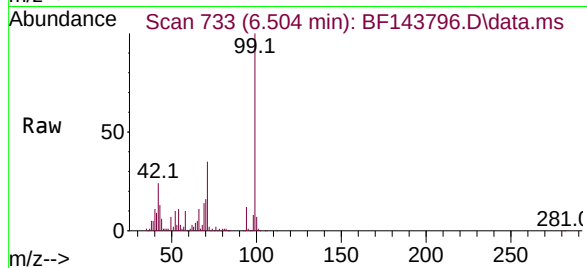
71 35.0 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#8

2-Chlorophenol

Concen: 47.967 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

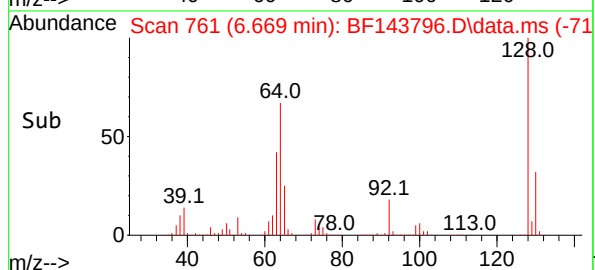
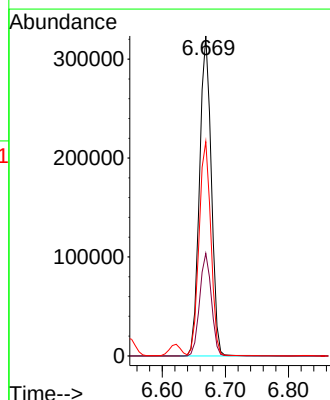
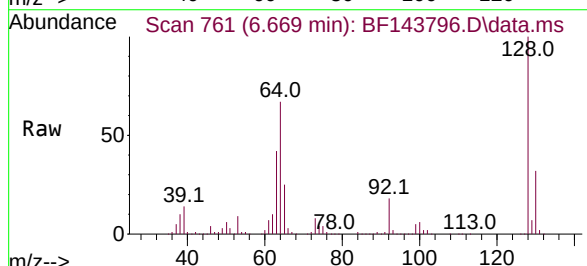
Tgt Ion:128 Resp: 419160

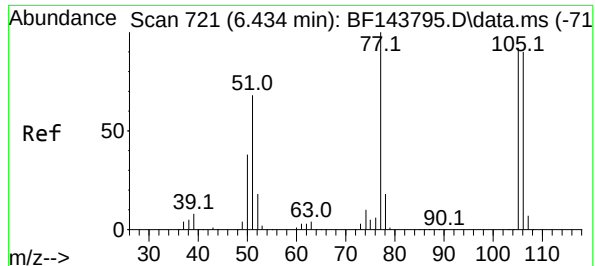
Ion Ratio Lower Upper

128 100

130 32.0 12.2 52.2

64 66.9 46.5 86.5





#9

Benzaldehyde

Concen: 53.250 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 45991

Ion Ratio Lower Upper

77 100

105 93.9 71.8 111.8

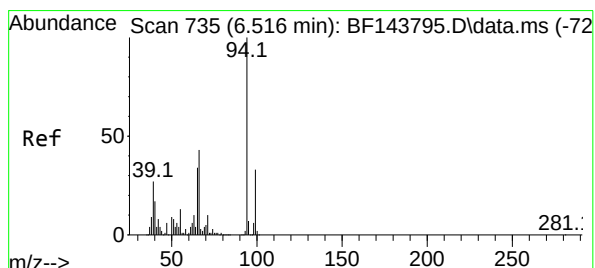
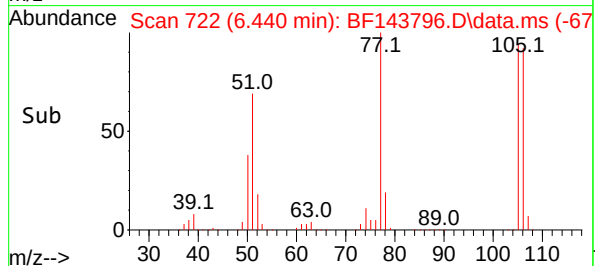
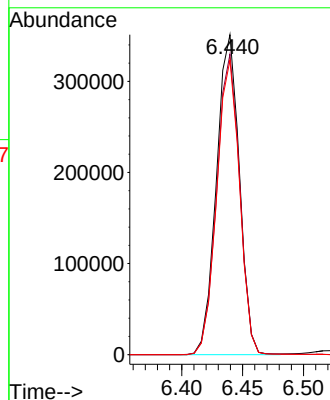
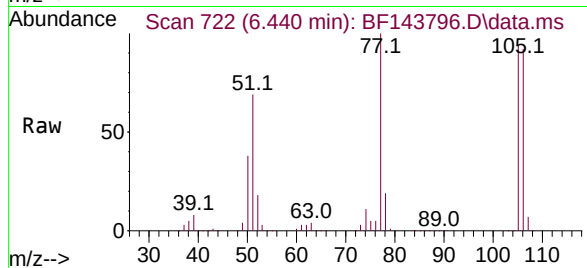
106 92.0 69.8 109.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 46.401 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

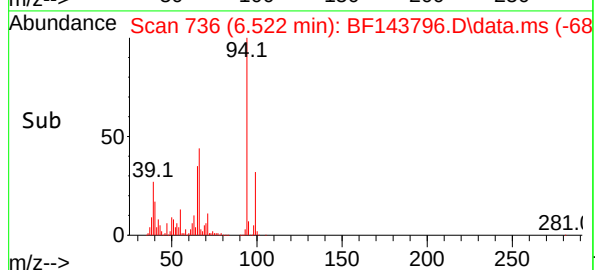
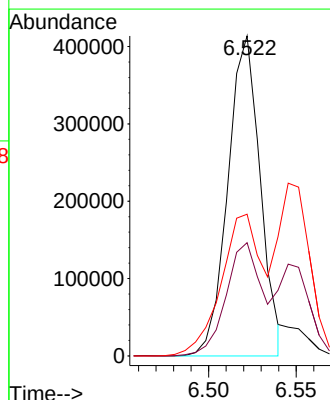
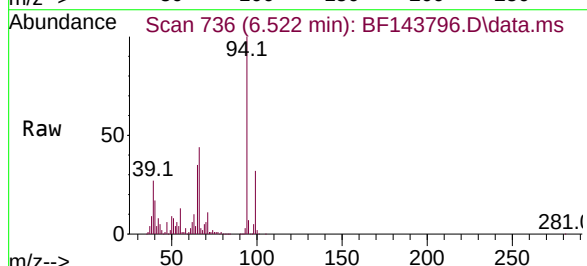
Tgt Ion: 94 Resp: 531938

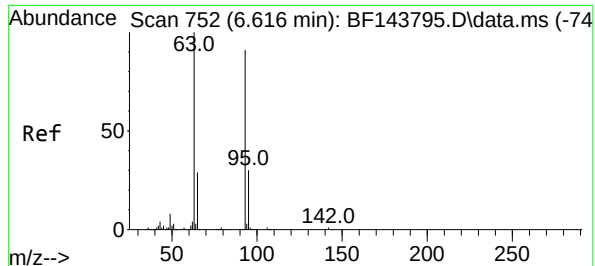
Ion Ratio Lower Upper

94 100

65 35.4 14.2 54.2

66 44.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 47.173 ng

RT: 6.622 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 423912

Ion Ratio Lower Upper

93 100

63 108.9 89.2 129.2

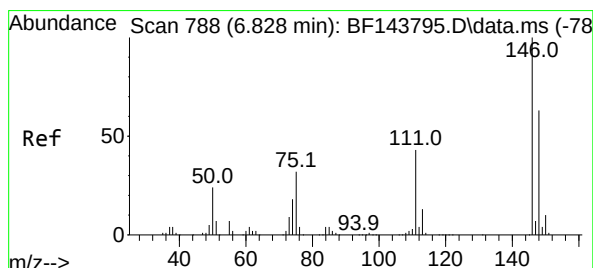
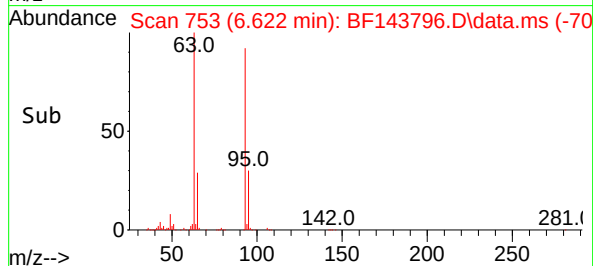
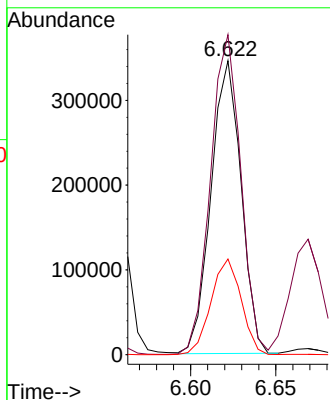
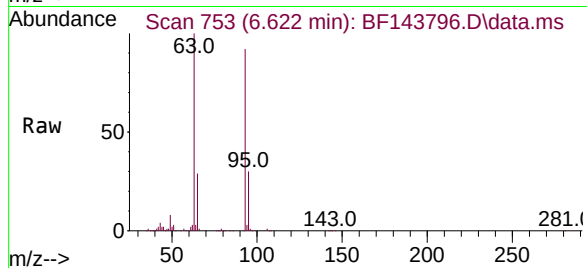
95 32.5 12.9 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 45.962 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

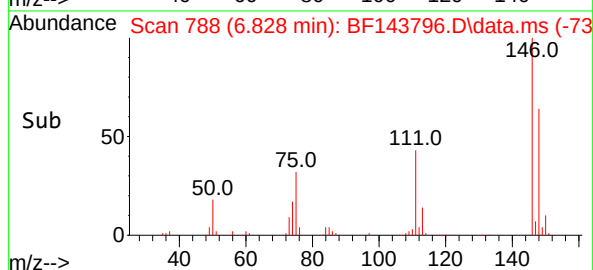
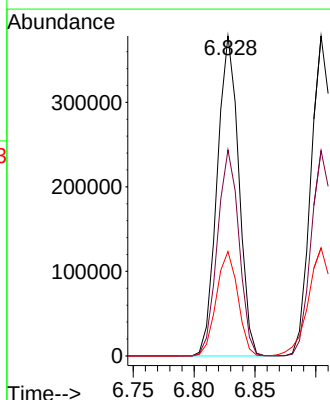
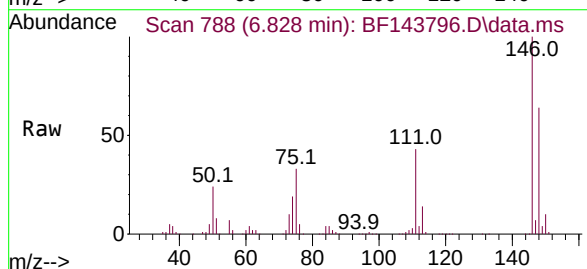
Tgt Ion:146 Resp: 466330

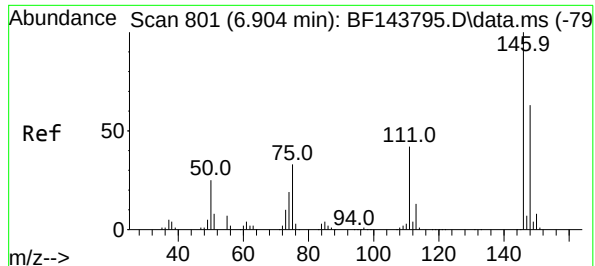
Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

75 32.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 45.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 464335

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

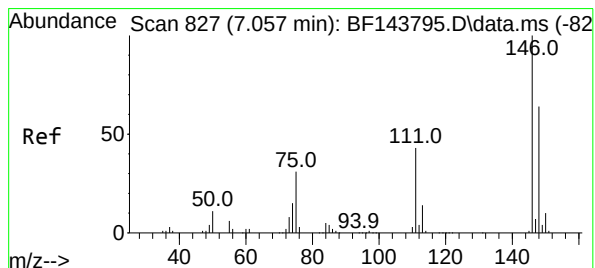
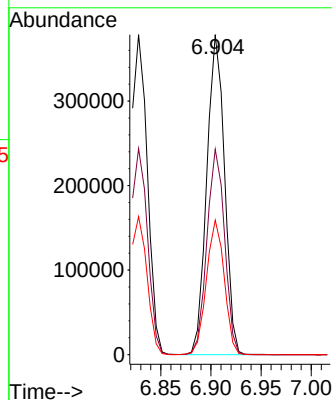
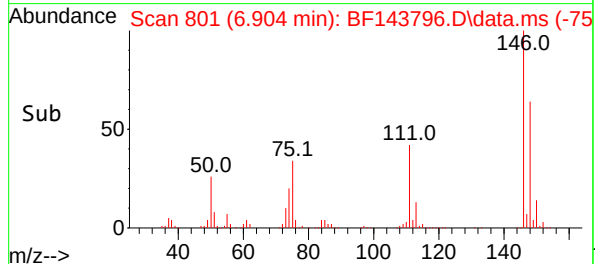
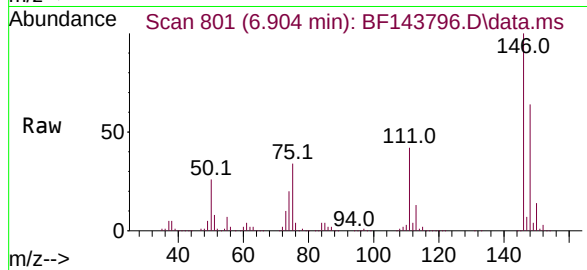
111 42.0 33.4 50.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 46.170 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

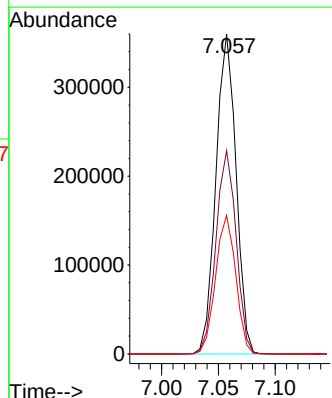
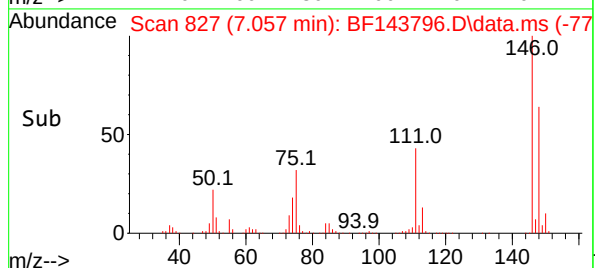
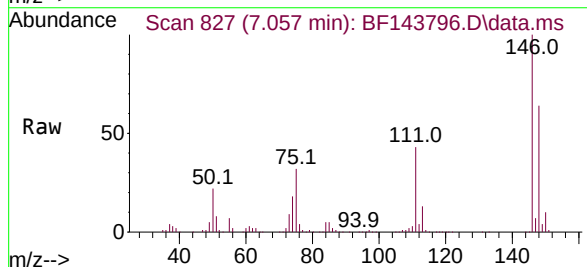
Tgt Ion:146 Resp: 442761

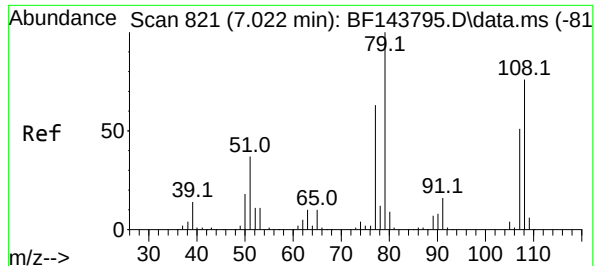
Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

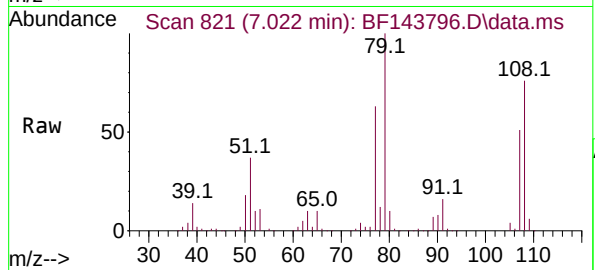
111 43.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 48.833 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

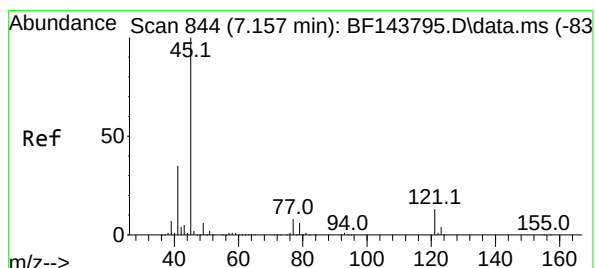
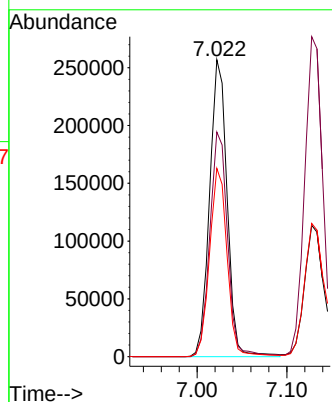
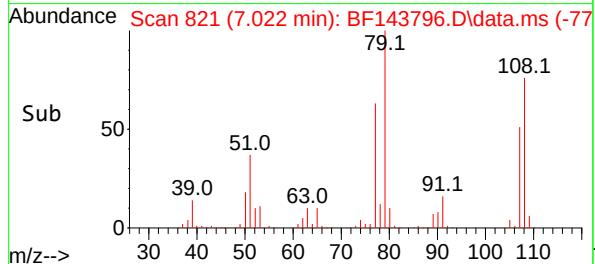
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 348008
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 63.4 50.3 75.5

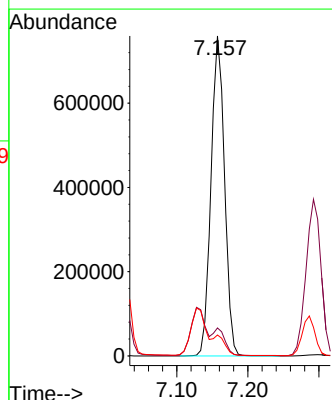
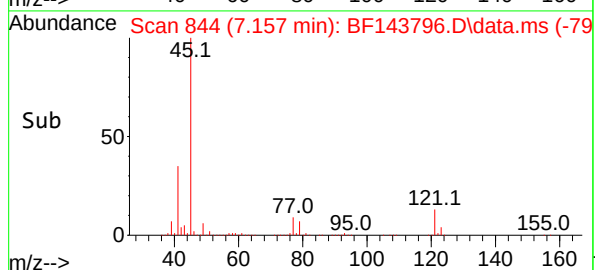
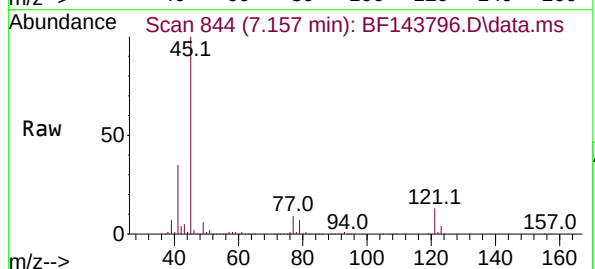
Manual Integrations
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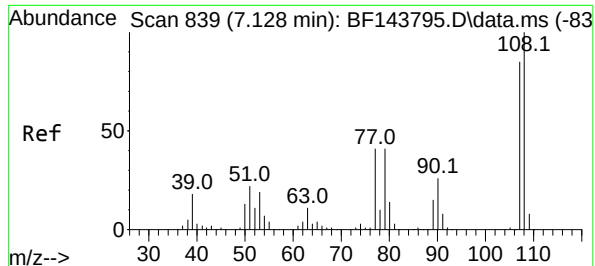
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.124 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 45 Resp: 1004151
Ion Ratio Lower Upper
45 100
77 8.8 0.0 28.5
79 6.5 0.0 26.3





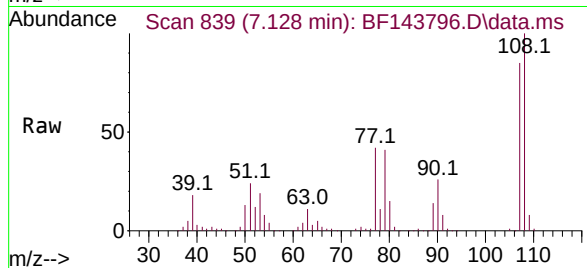
#17
2-Methylphenol
Concen: 48.084 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

Client SampleId :

SSTDICC050

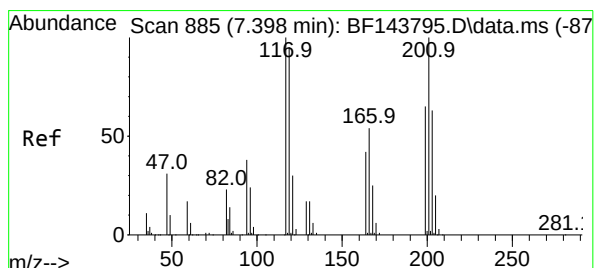
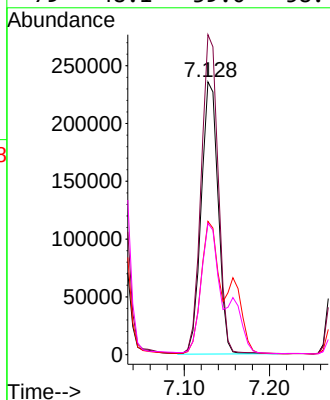
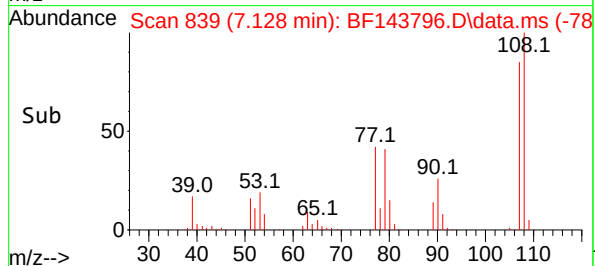


Tgt Ion:107 Resp: 325304
Ion Ratio Lower Upper
107 100
108 117.3 94.2 141.4
77 48.8 38.6 58.0
79 48.1 39.0 58.4

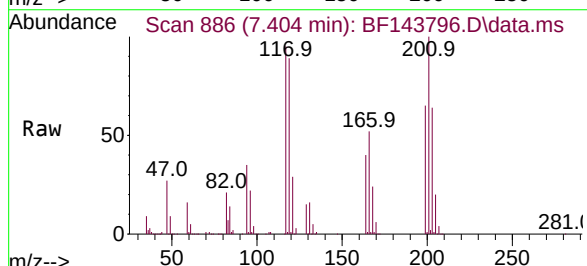
Manual Integrations

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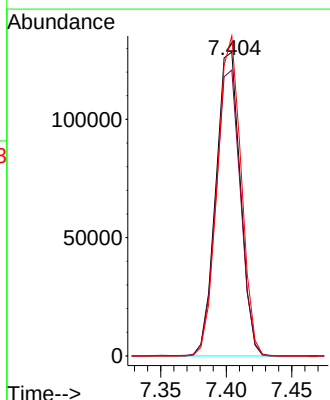
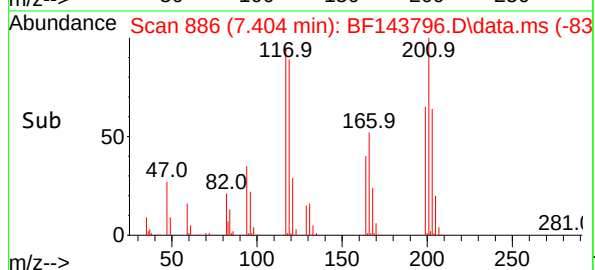
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

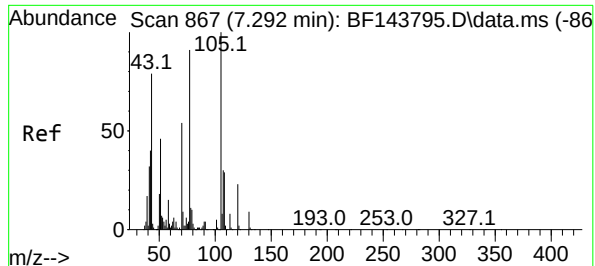


#18
Hexachloroethane
Concen: 46.905 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:117 Resp: 167022
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.2
201 105.4 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.054 ng

RT: 7.298 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 292083

Ion Ratio Lower Upper

70 100

42 75.8 59.4 89.0

101 8.5 7.1 10.7

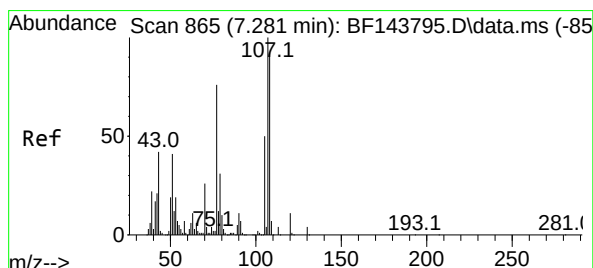
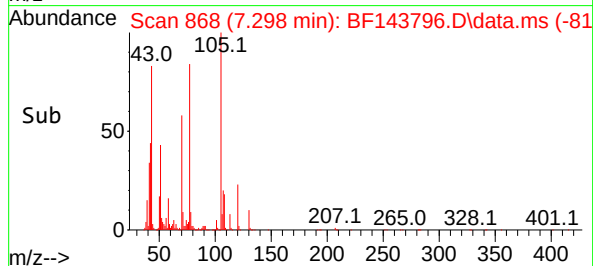
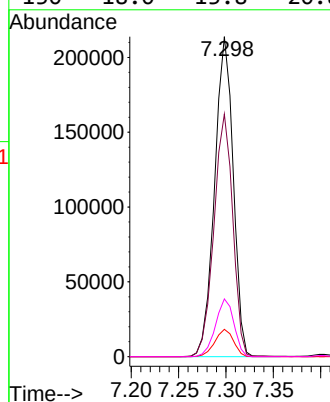
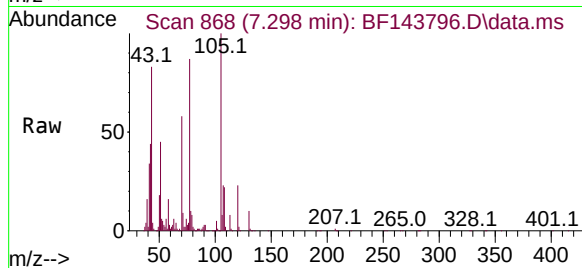
130 18.0 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 47.855 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 394272

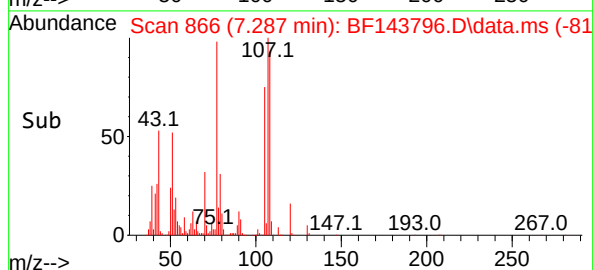
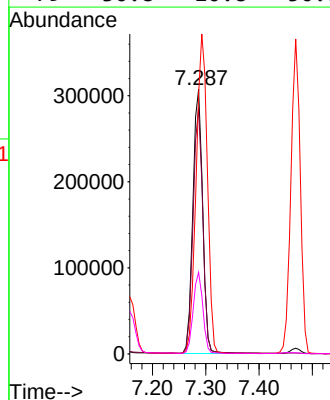
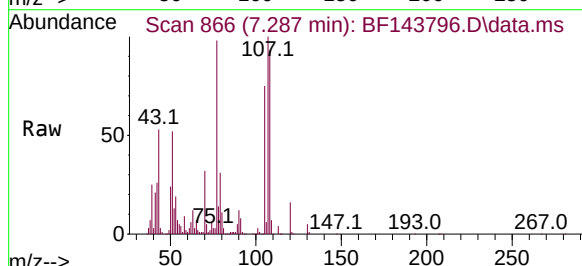
Ion Ratio Lower Upper

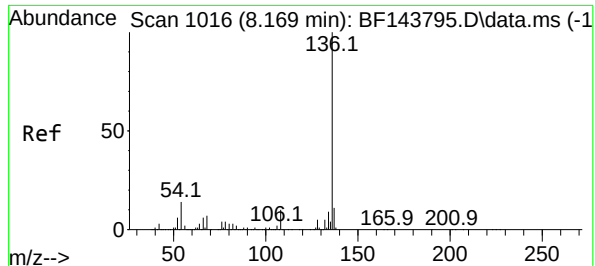
107 100

108 93.1 72.5 112.5

77 98.0 56.2 96.2#

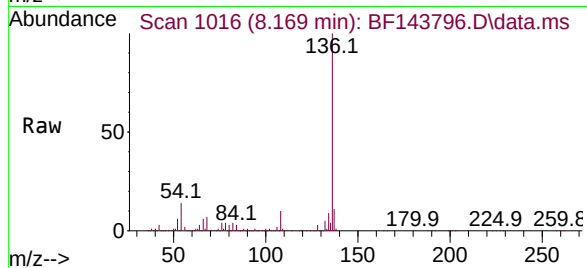
79 30.8 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

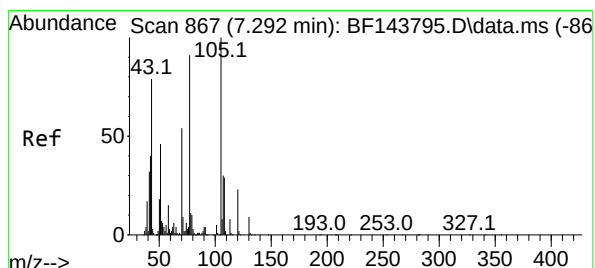
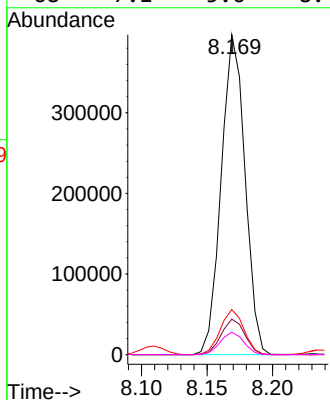
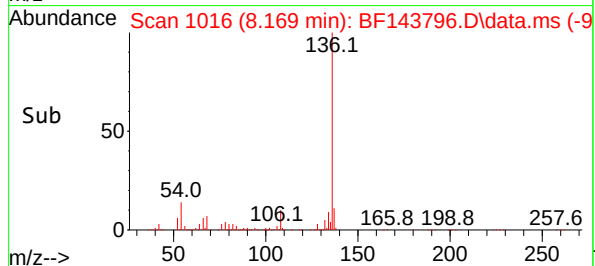
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 501953
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 14.1 11.2 16.8
68 7.1 5.6 8.4

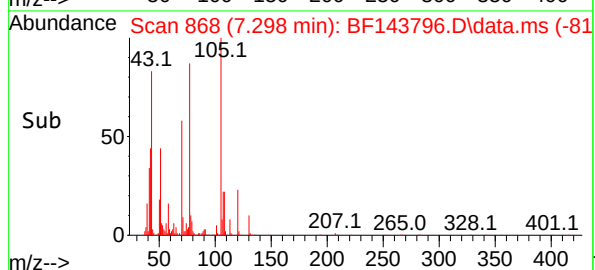
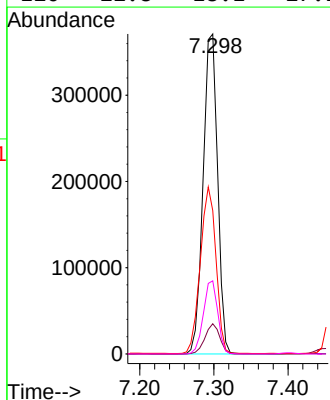
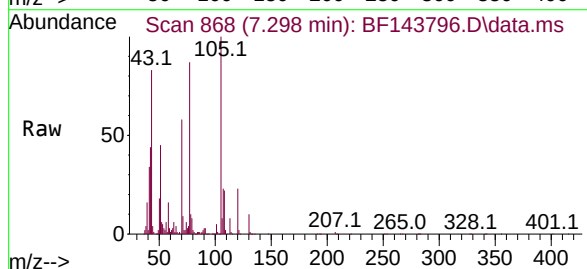
Manual Integrations
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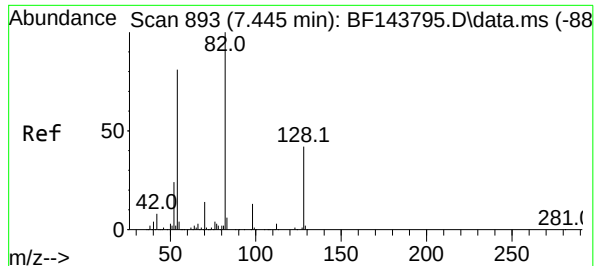
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 45.695 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:105 Resp: 503776
Ion Ratio Lower Upper
105 100
71 9.4 7.0 10.4
51 44.8 36.6 55.0
120 22.8 18.1 27.1





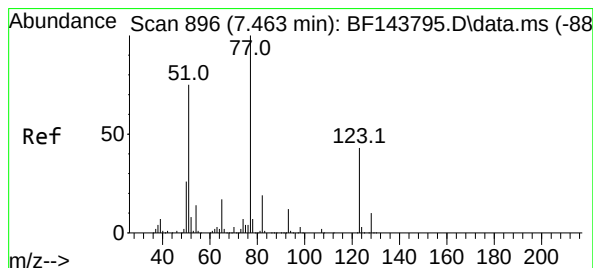
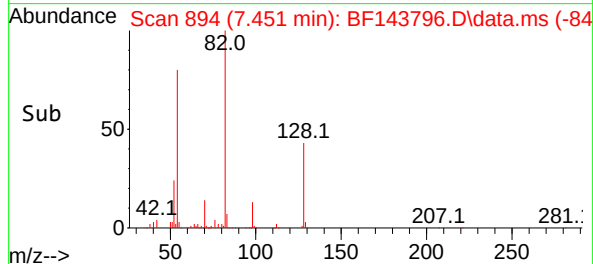
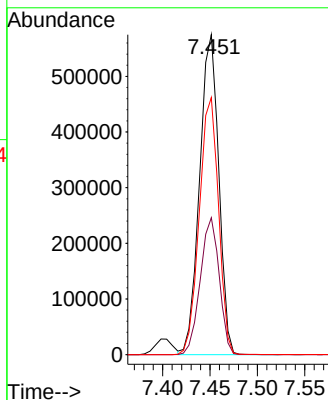
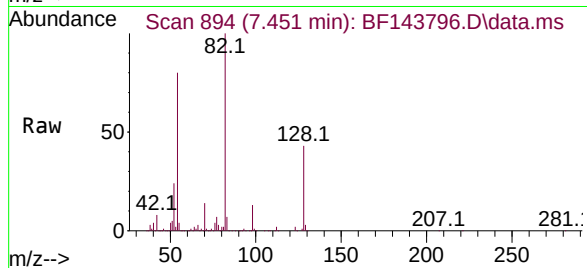
#23
Nitrobenzene-d5
Concen: 101.372 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 808554
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 80.3 64.2 96.4

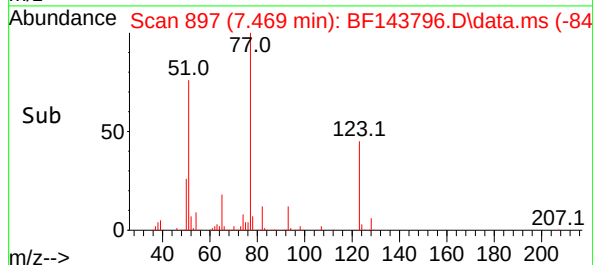
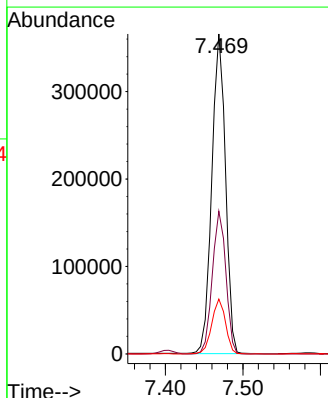
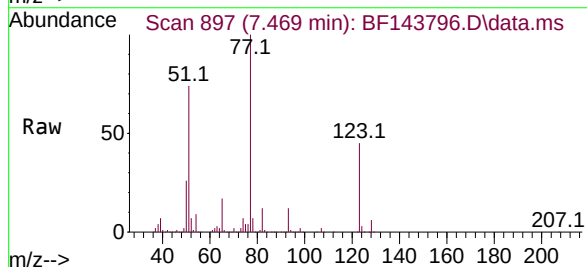
Manual Integrations
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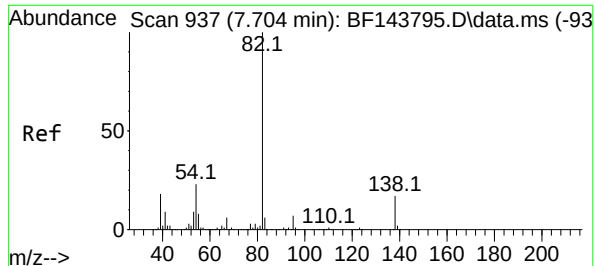
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 49.320 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 77 Resp: 448291
Ion Ratio Lower Upper
77 100
123 44.6 34.0 51.0
65 17.1 13.5 20.3





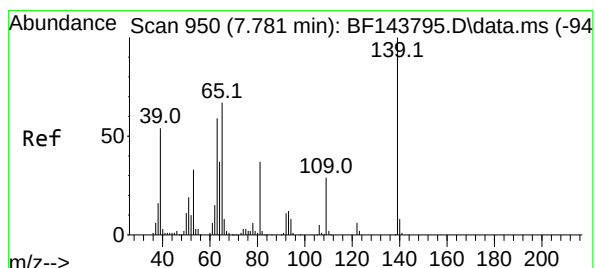
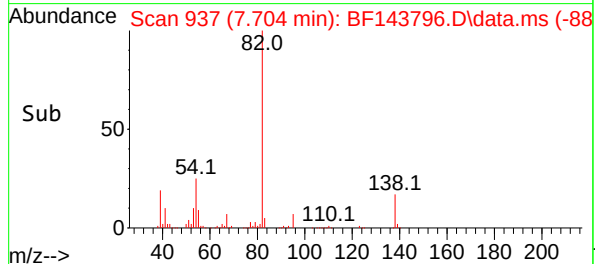
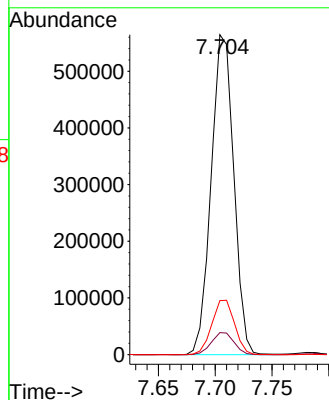
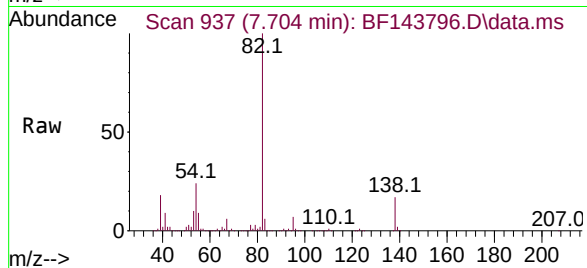
#25
Isophorone
Concen: 48.987 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
Client Sample Id :
SSTDICC050

Tgt Ion: 82 Resp: 782800
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.9 13.7 20.5

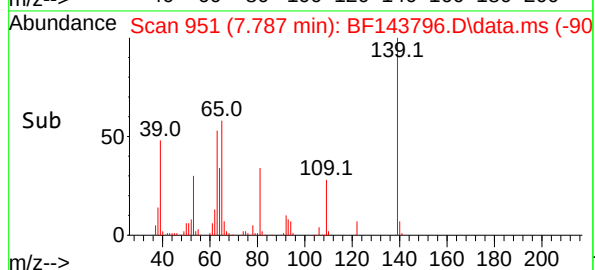
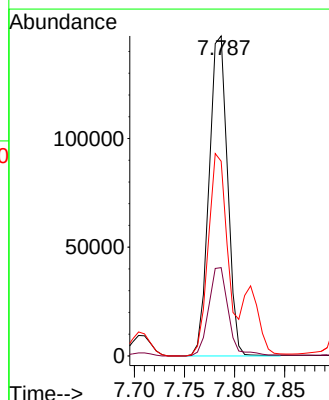
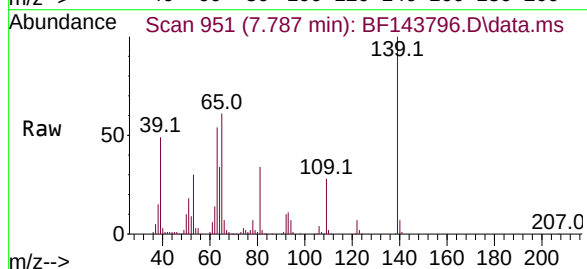
Manual Integrations
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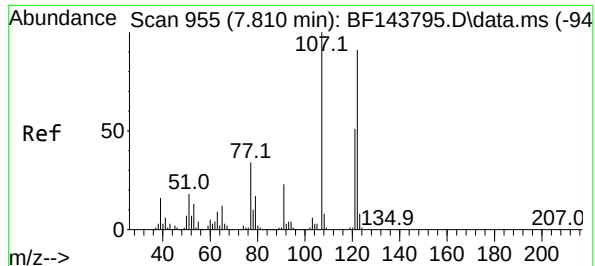
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 50.281 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.001 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

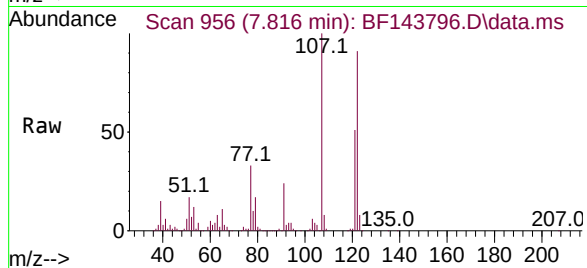
Tgt Ion:139 Resp: 188140
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 60.8 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 49.214 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

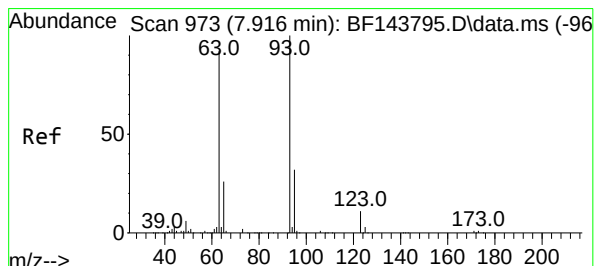
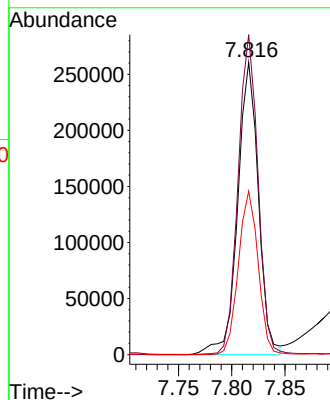
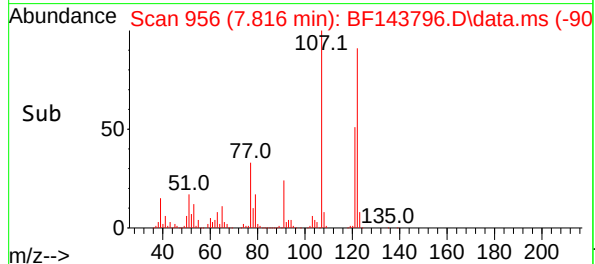
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 351504
Ion Ratio Lower Upper
122 100
107 109.4 87.5 131.3
121 55.9 44.2 66.4

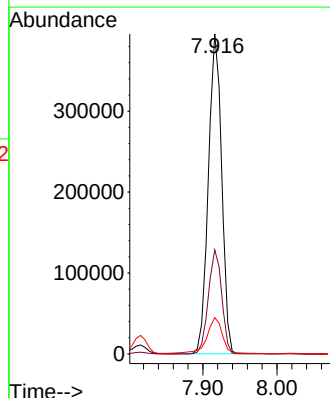
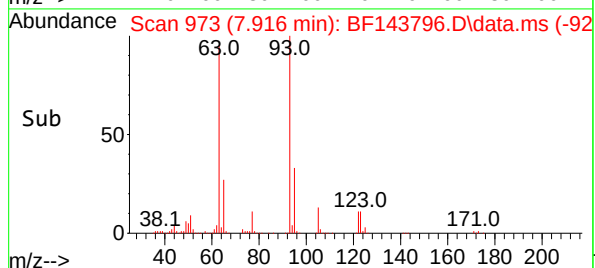
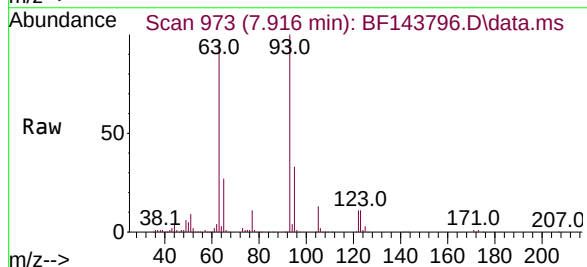
Manual Integrations
APPROVED

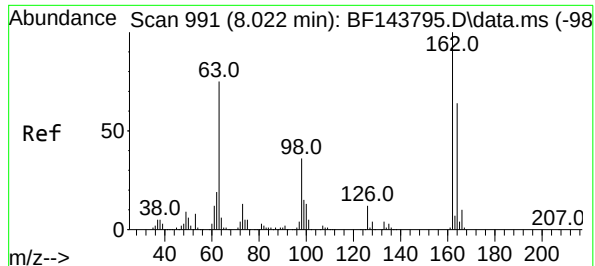
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.470 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 93 Resp: 492835
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.801 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 342962

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

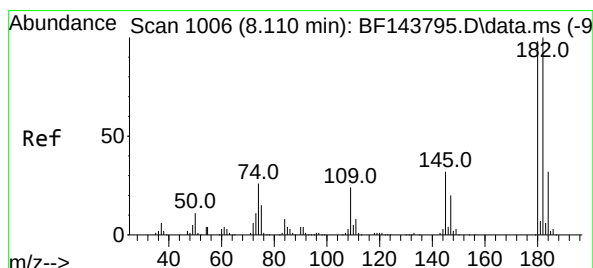
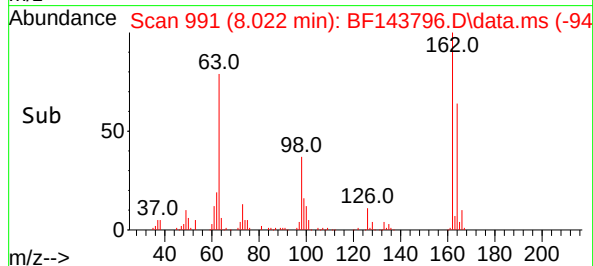
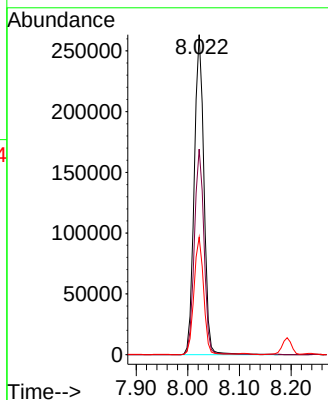
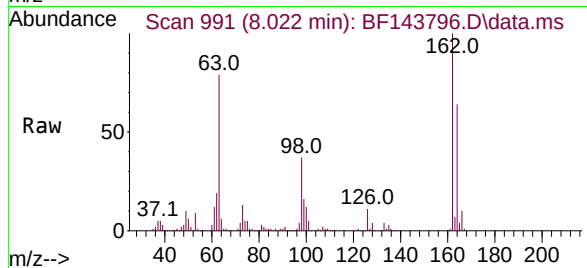
98 36.7 15.8 55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.353 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

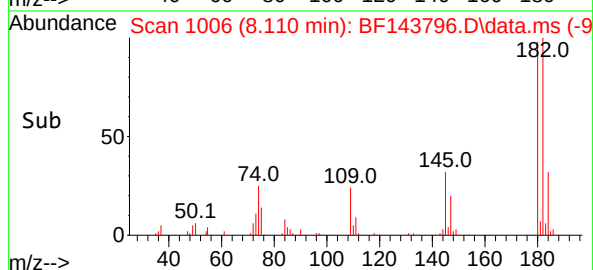
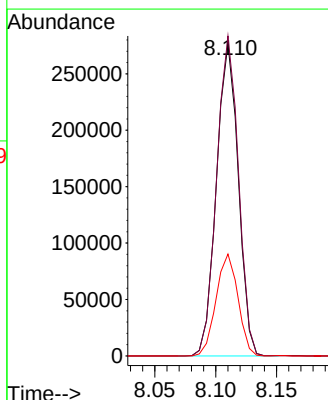
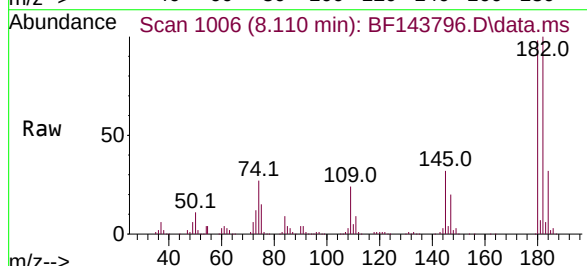
Tgt Ion:180 Resp: 345360

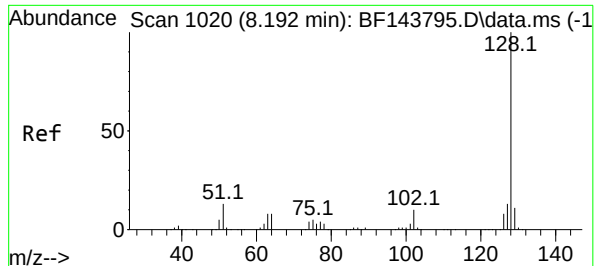
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

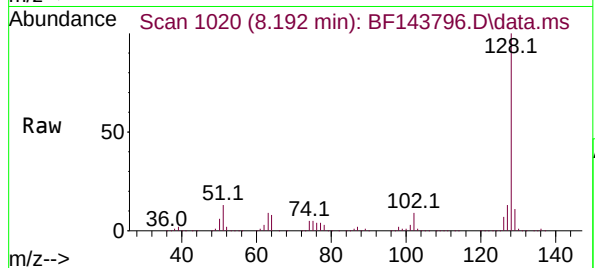
145 32.6 25.9 38.9





#31
Naphthalene
Concen: 46.304 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

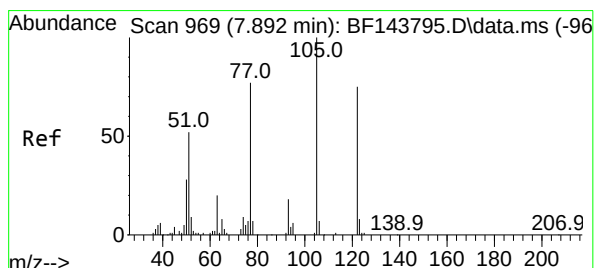
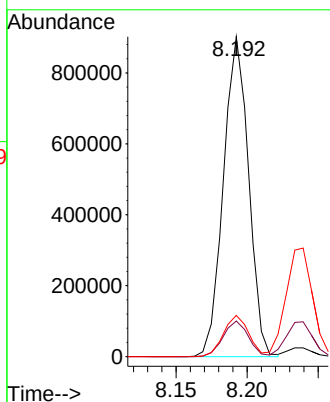
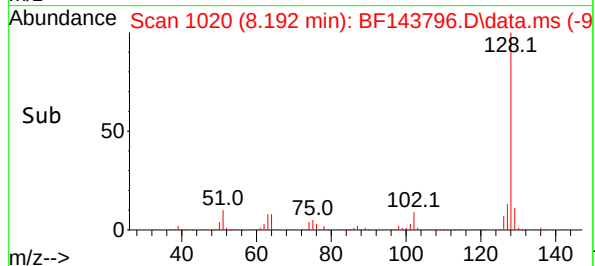
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1112658
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.2 15.4

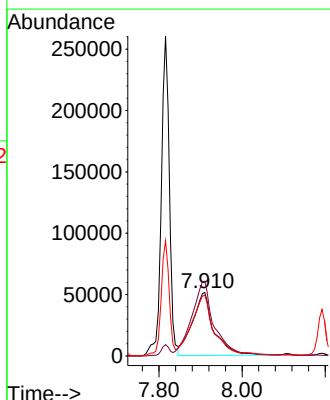
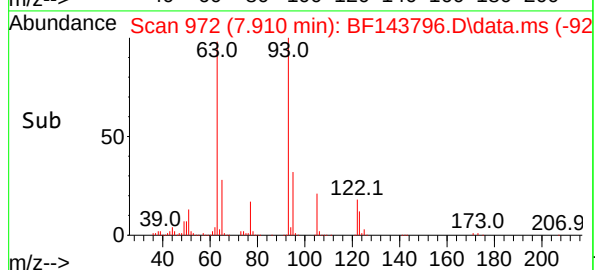
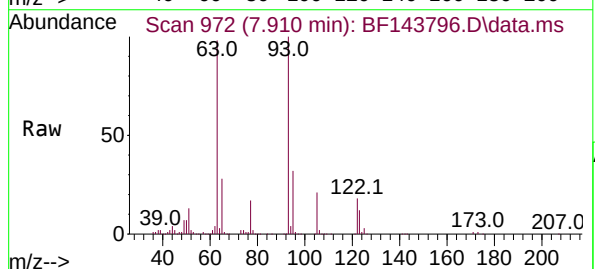
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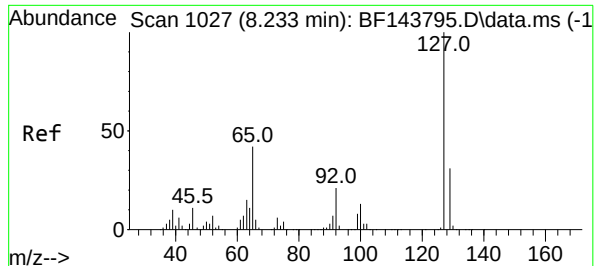
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 53.967 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

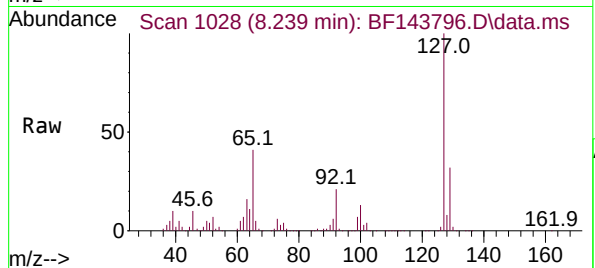
Tgt Ion:122 Resp: 185973
Ion Ratio Lower Upper
122 100
105 117.7 103.7 143.7
77 95.5 78.8 118.8





#33
4-Chloroaniline
Concen: 48.005 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

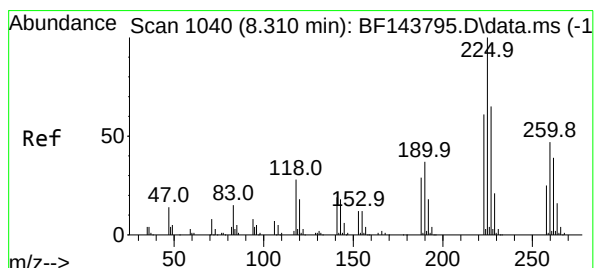
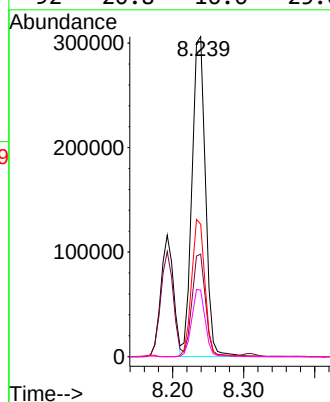
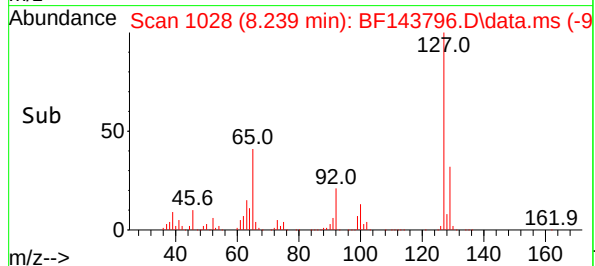
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 405365
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 41.4 33.4 50.2
92 20.8 16.6 25.0

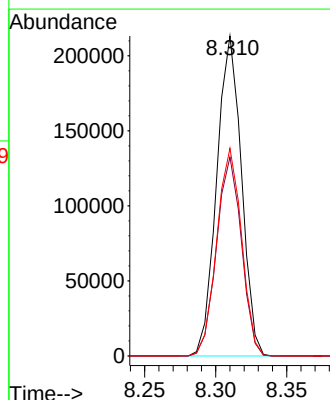
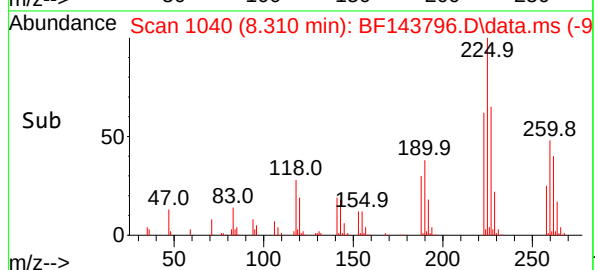
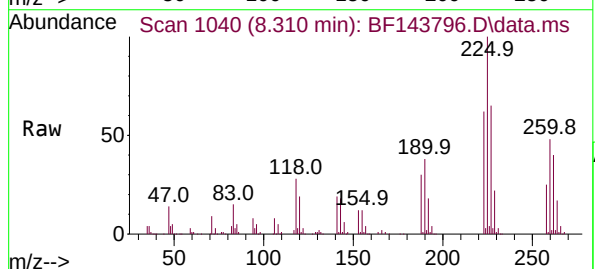
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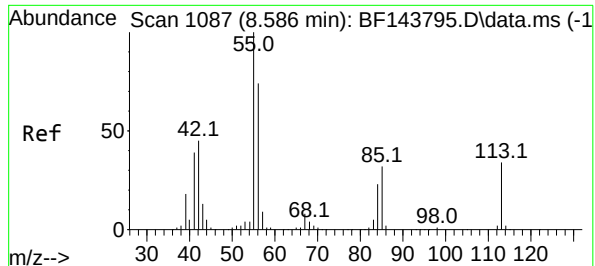
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 47.570 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

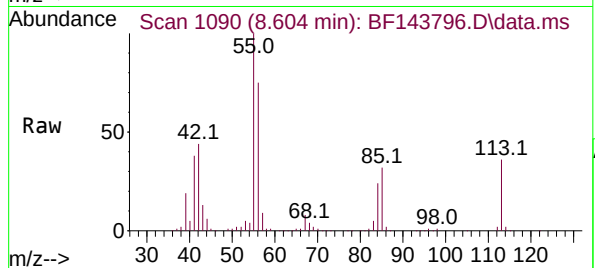
Tgt Ion:225 Resp: 258638
Ion Ratio Lower Upper
225 100
223 62.1 48.6 72.8
227 64.9 51.9 77.9





#35
Caprolactam
Concen: 51.444 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

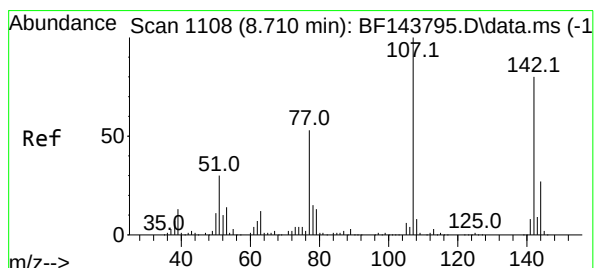
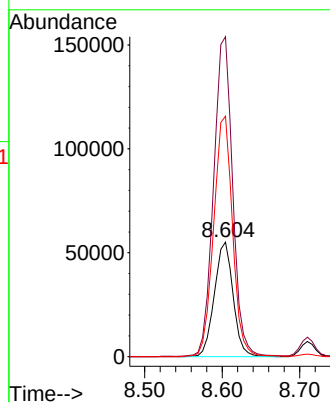
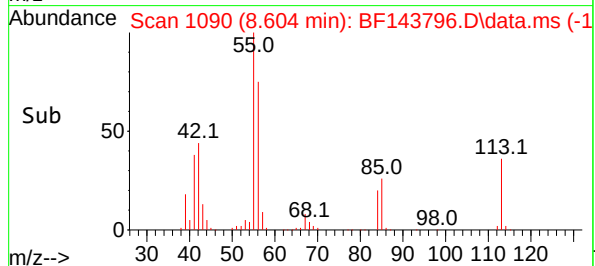
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 92410
Ion Ratio Lower Upper
113 100
55 279.5 271.7 311.7
56 210.0 194.5 234.5

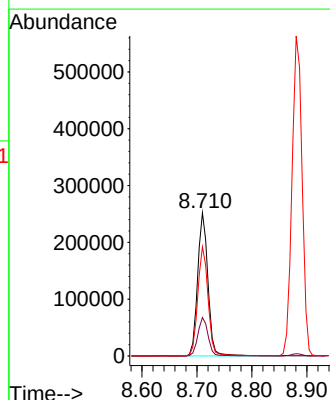
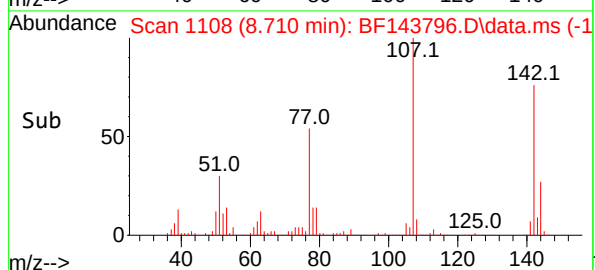
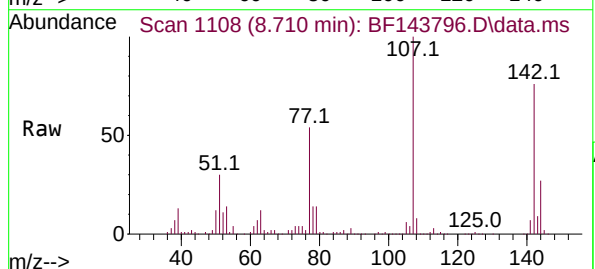
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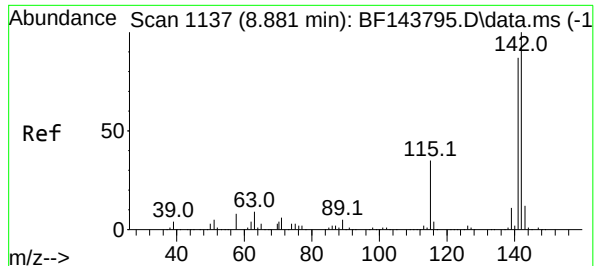
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 49.707 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 327629
Ion Ratio Lower Upper
107 100
144 26.8 21.8 32.8
142 76.2 63.6 95.4





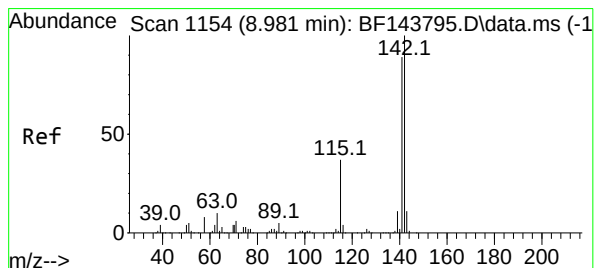
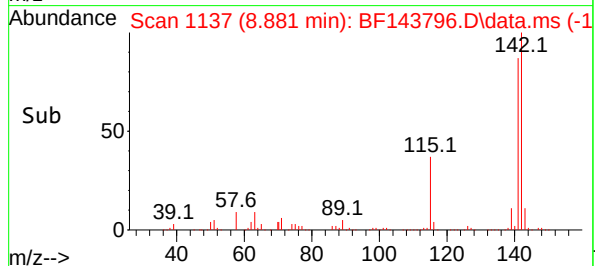
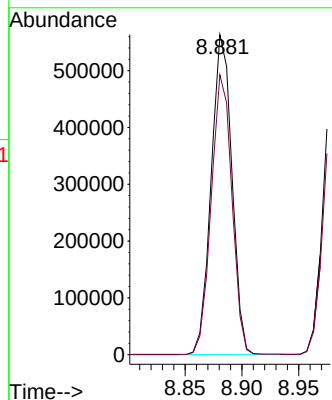
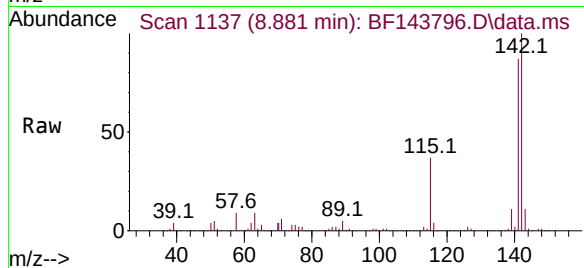
#37
2-Methylnaphthalene
Concen: 46.524 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 712848
Ion Ratio Lower Upper
142 100
141 87.4 69.4 104.0

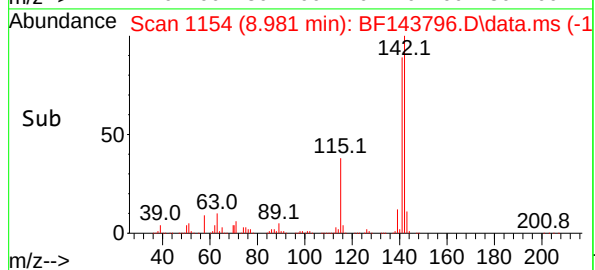
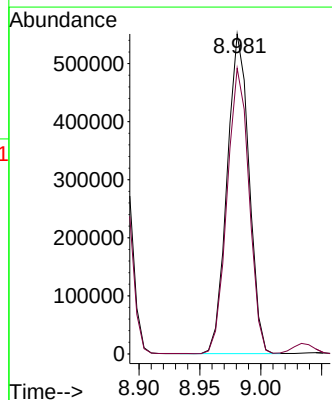
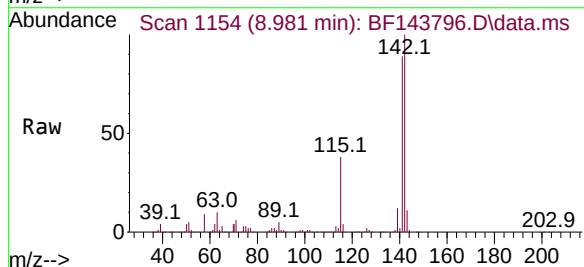
Manual Integrations
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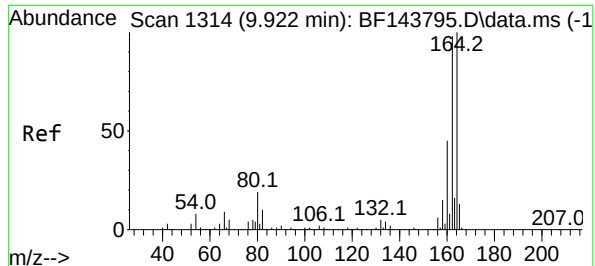
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 47.022 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:142 Resp: 689609
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 25192

Ion Ratio Lower Upper

164 100

162 98.6 78.8 118.2

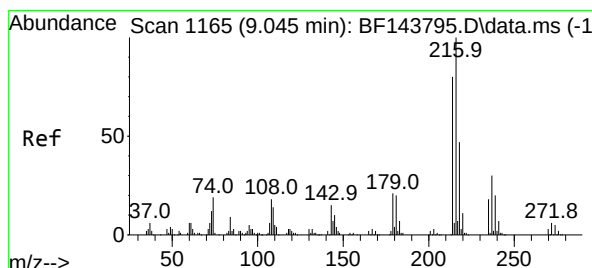
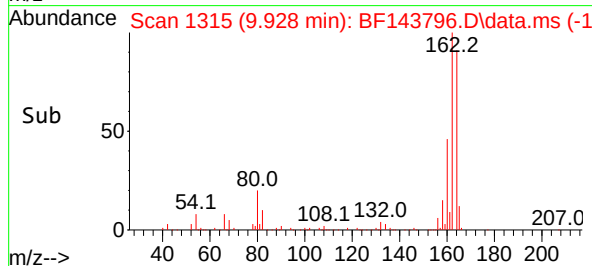
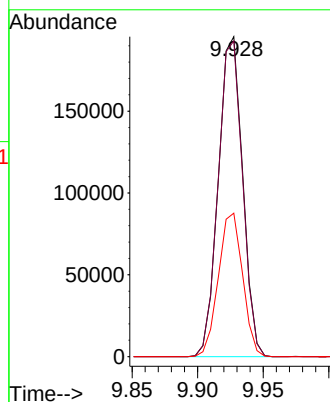
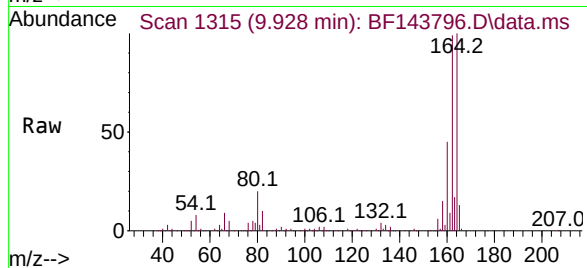
160 44.8 35.8 53.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.300 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Tgt Ion:216 Resp: 351998

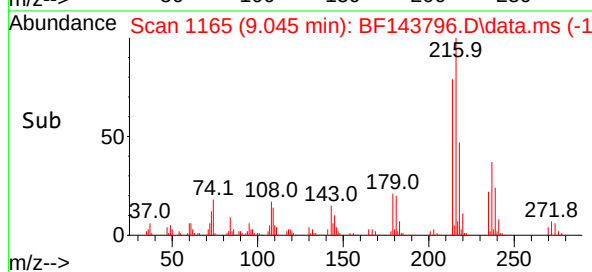
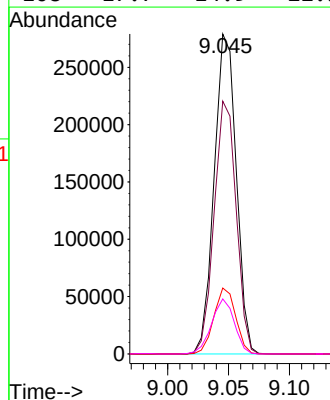
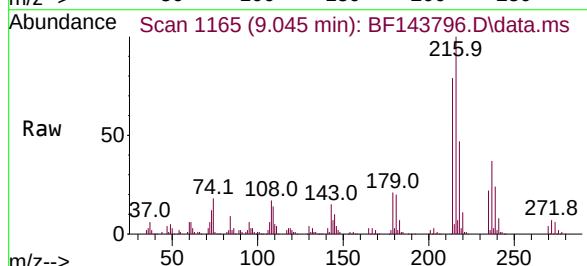
Ion Ratio Lower Upper

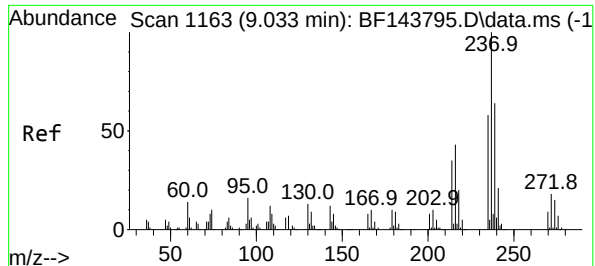
216 100

214 78.9 63.7 95.5

179 20.3 16.5 24.7

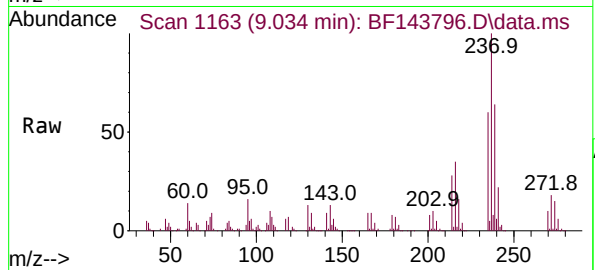
108 17.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 49.894 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

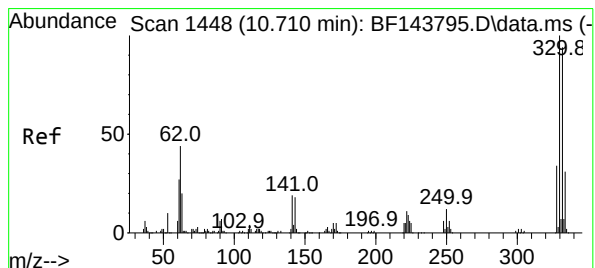
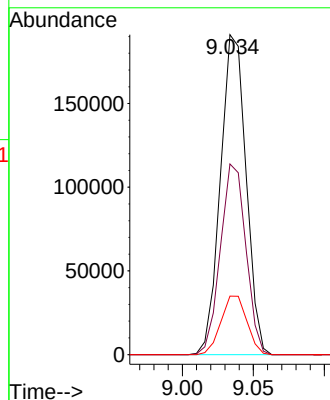
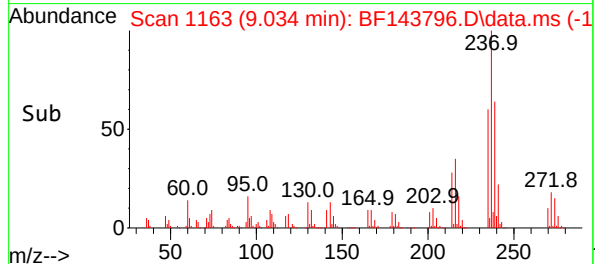
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



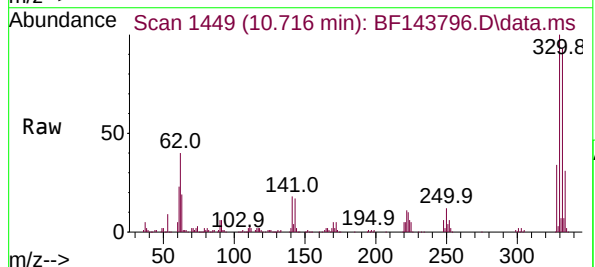
Tgt Ion: 237 Resp: 240402
Ion Ratio Lower Upper
237 100
235 59.6 38.1 78.1
272 18.3 0.0 37.9

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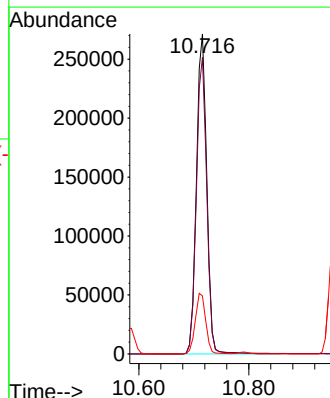
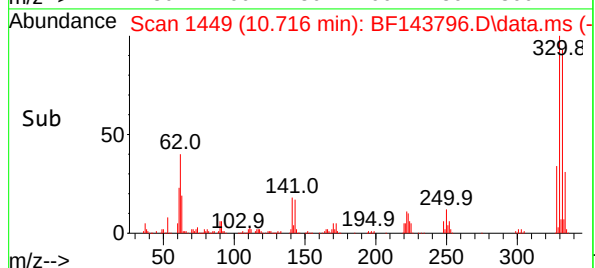
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

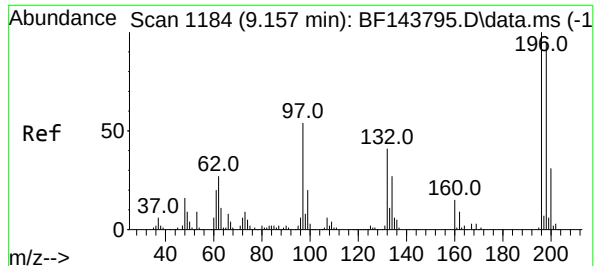


#42
2,4,6-Tribromophenol
Concen: 98.591 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion: 330 Resp: 354459
Ion Ratio Lower Upper
330 100
332 92.9 74.7 112.1
141 19.2 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 50.100 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143796.D

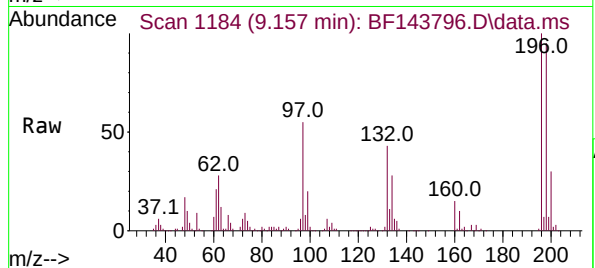
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 238499

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.2

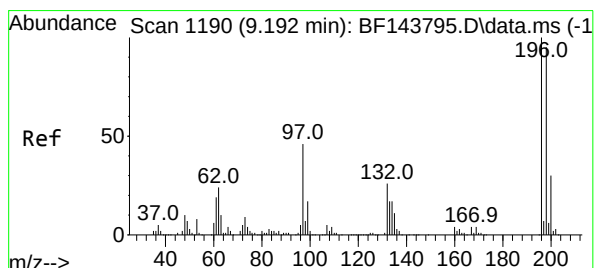
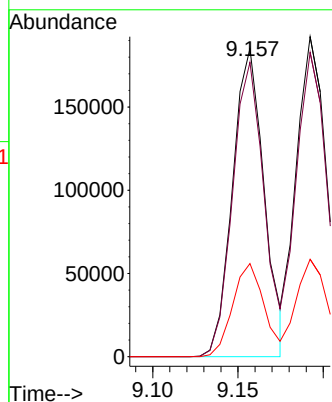
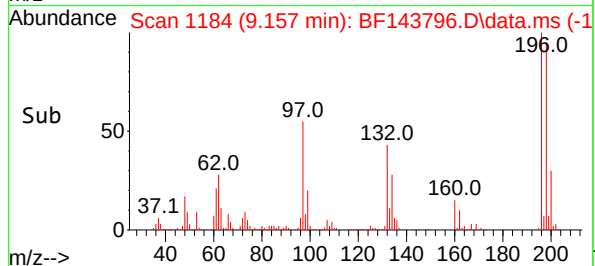
200 30.2 24.7 37.1

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

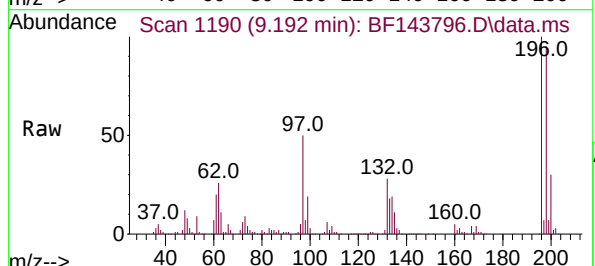
Concen: 48.050 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28



Tgt Ion:196 Resp: 239256

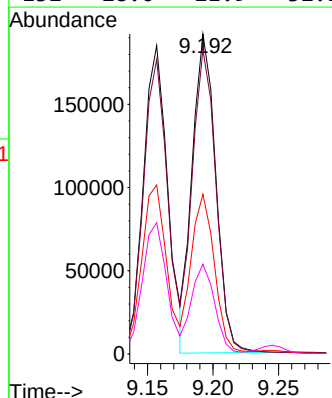
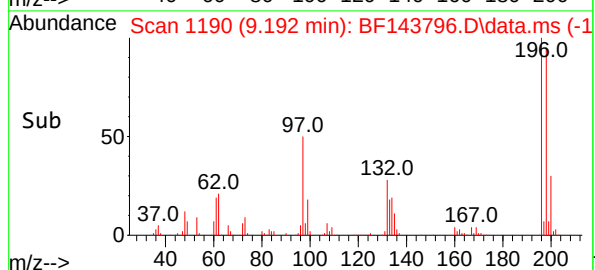
Ion Ratio Lower Upper

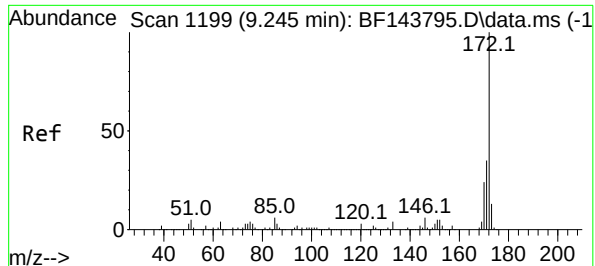
196 100

198 95.1 75.9 113.9

97 49.9 38.3 57.5

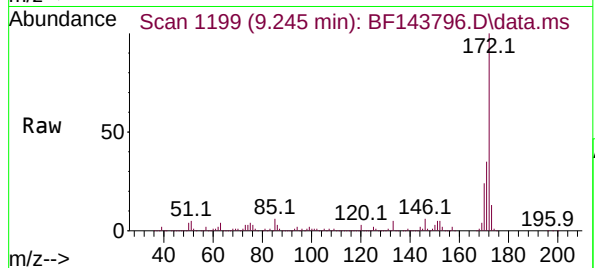
132 28.0 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 85.274 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

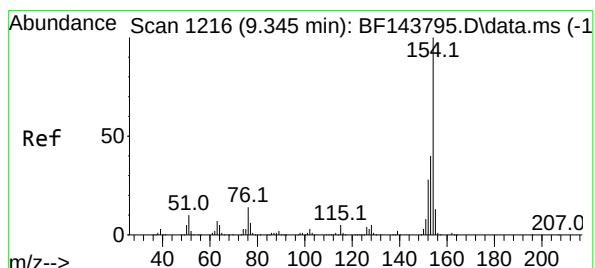
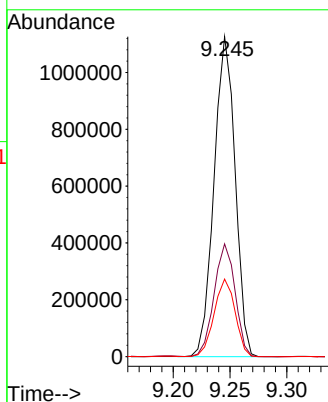
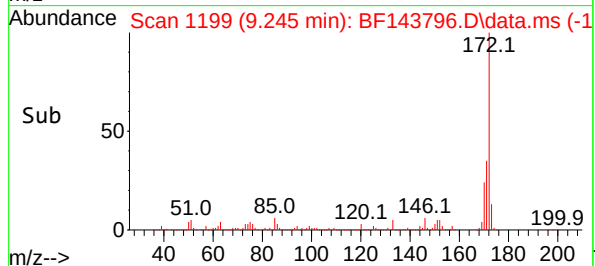
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 1453709
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 24.2 19.1 28.7

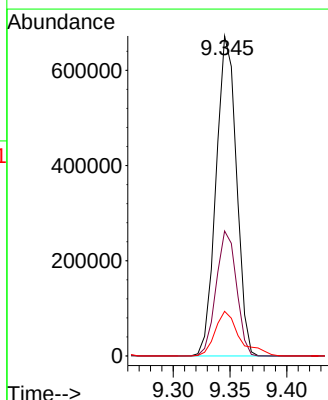
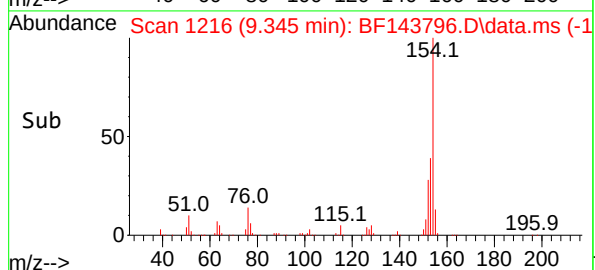
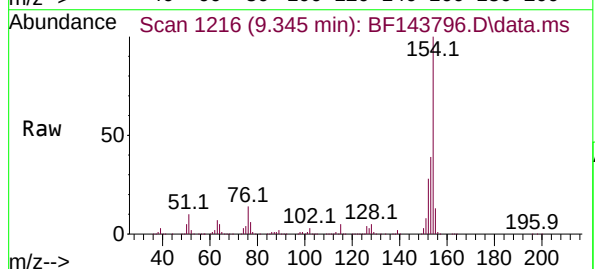
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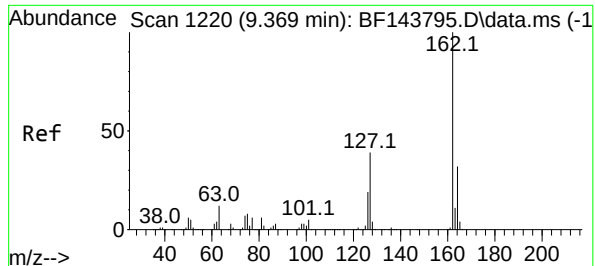
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#46
1,1'-Biphenyl
Concen: 45.967 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:154 Resp: 838250
Ion Ratio Lower Upper
154 100
153 39.0 19.7 59.7
76 13.9 0.0 33.8





#47

2-Chloronaphthalene

Concen: 46.229 ng

RT: 9.375 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 67859

Ion Ratio Lower Upper

162 100

127 38.8 31.5 47.3

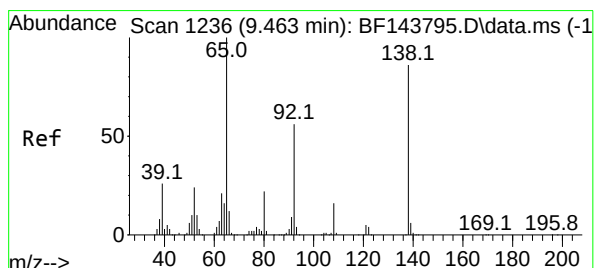
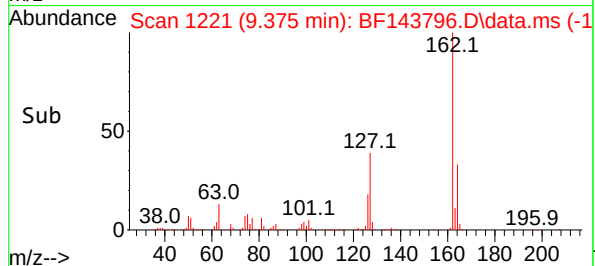
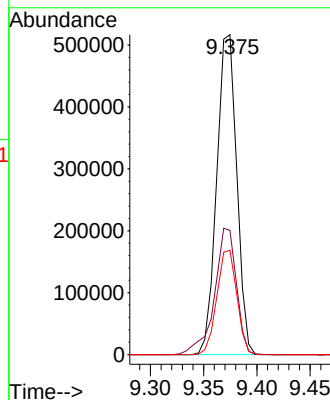
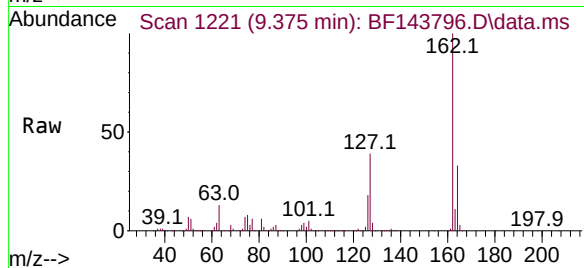
164 32.6 25.9 38.9

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Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 53.895 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

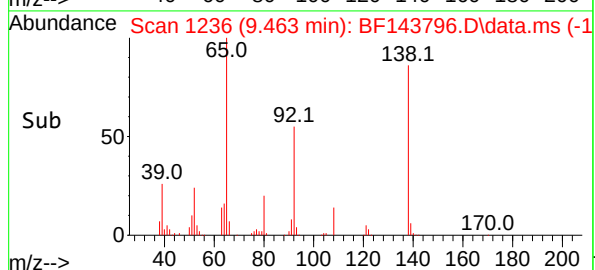
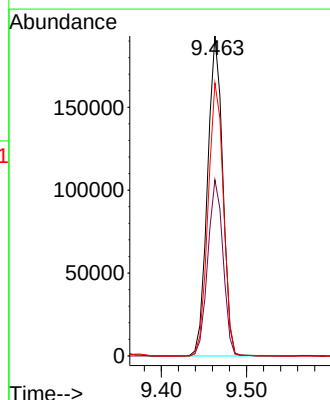
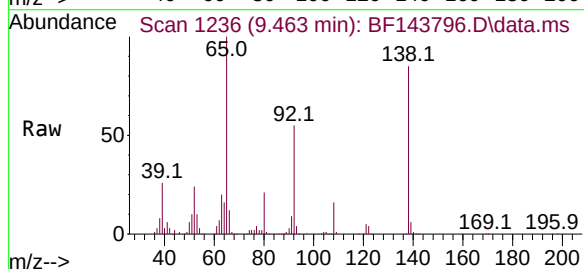
Tgt Ion: 65 Resp: 239106

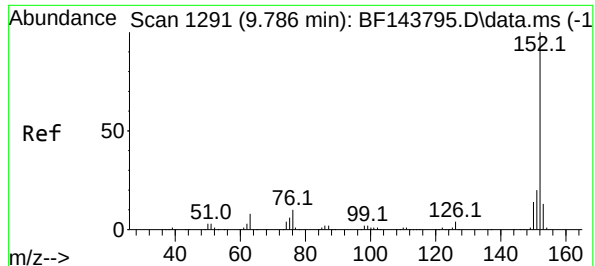
Ion Ratio Lower Upper

65 100

92 55.0 44.9 67.3

138 85.3 69.0 103.4





#49

Acenaphthylene

Concen: 46.711 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143796.D

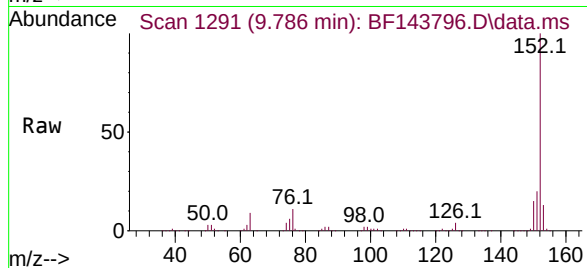
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



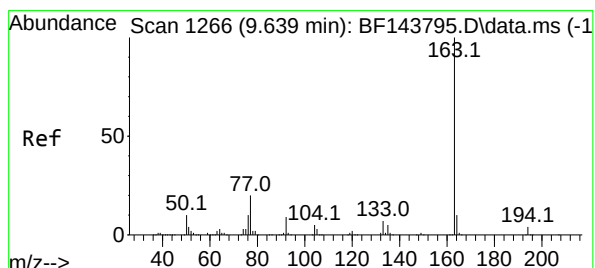
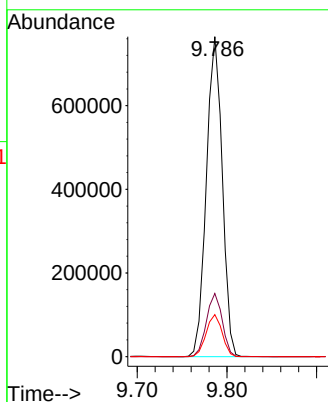
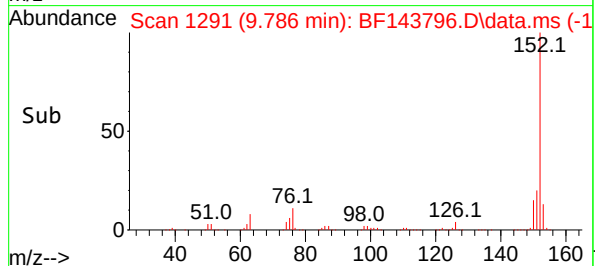
Tgt Ion:	152	Resp:	943926
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	15.8

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Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

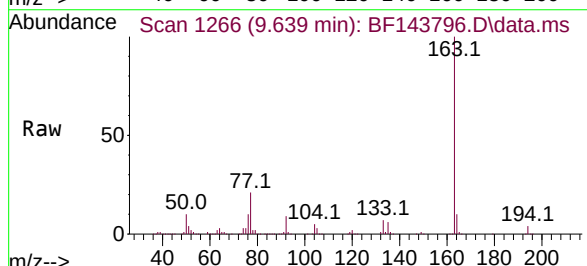
Concen: 48.124 ng

RT: 9.639 min Scan# 1266

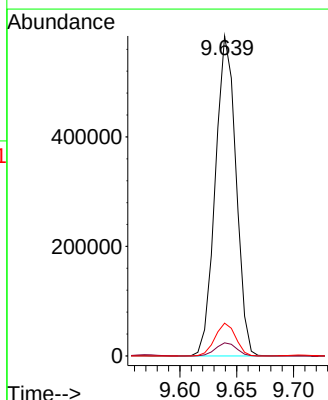
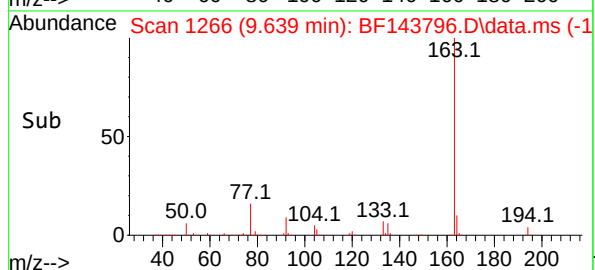
Delta R.T. 0.000 min

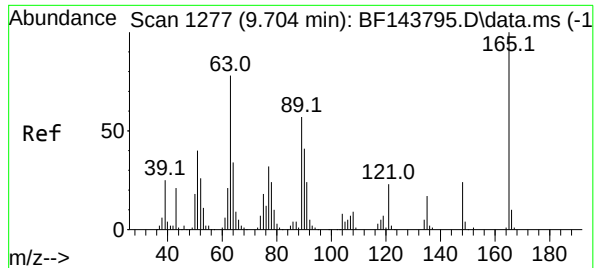
Lab File: BF143796.D

Acq: 23 Sep 2025 14:28



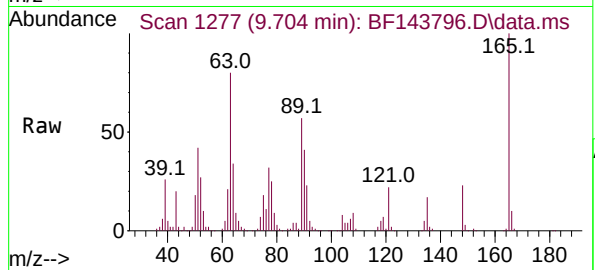
Tgt Ion:	163	Resp:	738918
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 56.010 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

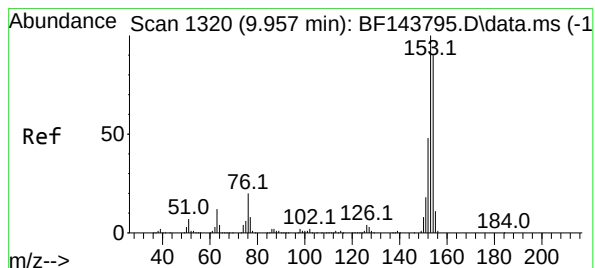
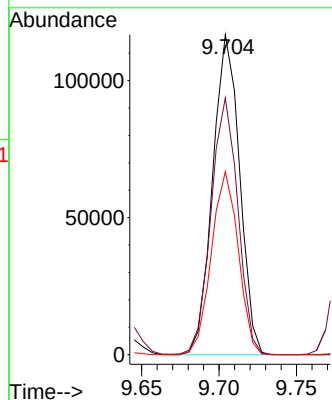
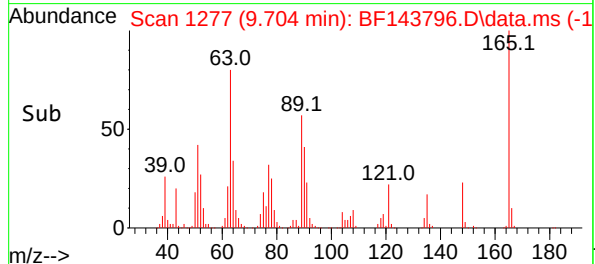
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 141300
Ion Ratio Lower Upper
165 100
63 80.2 62.6 94.0
89 57.2 45.2 67.8

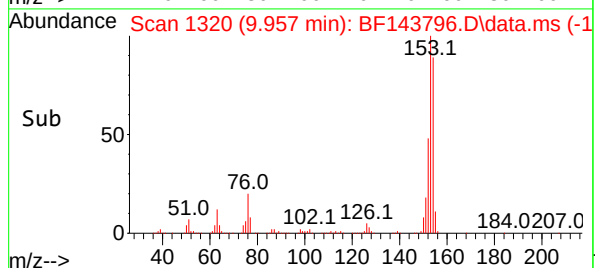
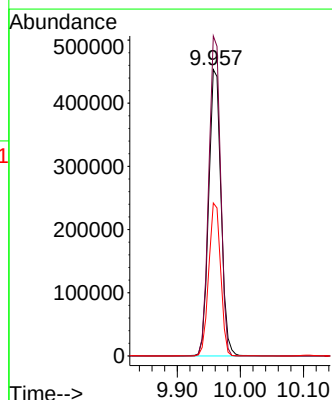
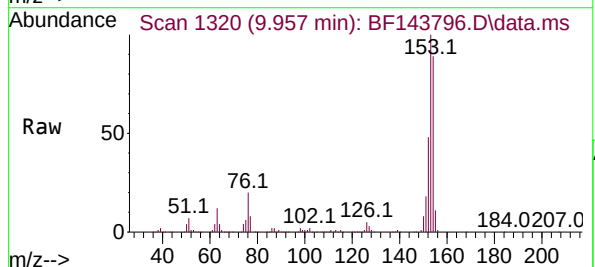
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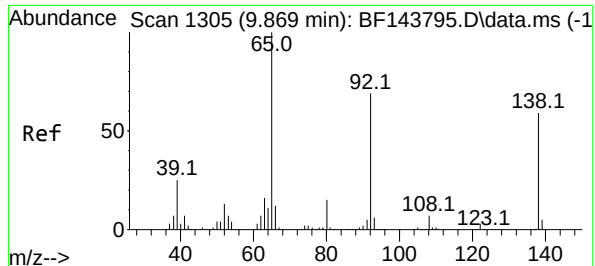
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 46.113 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:154 Resp: 613218
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 53.384 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 16324

Ion Ratio Lower Upper

138 100

108 11.8 9.9 14.9

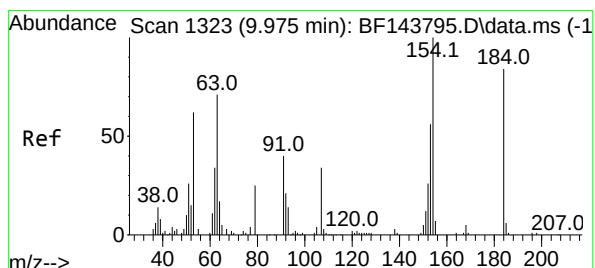
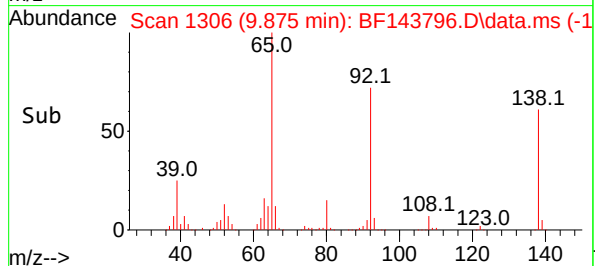
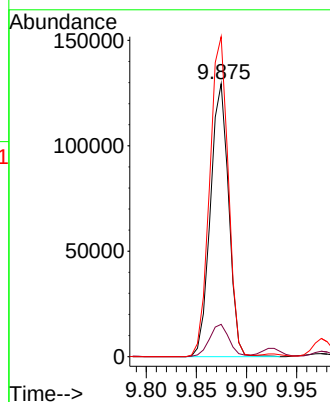
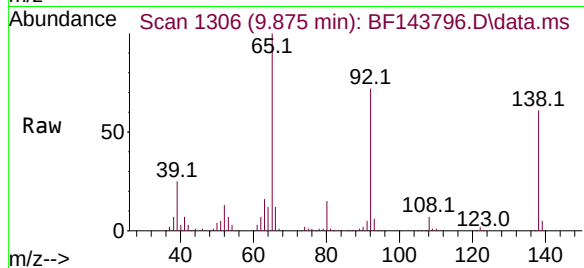
92 117.3 93.5 140.3

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Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 49.728 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

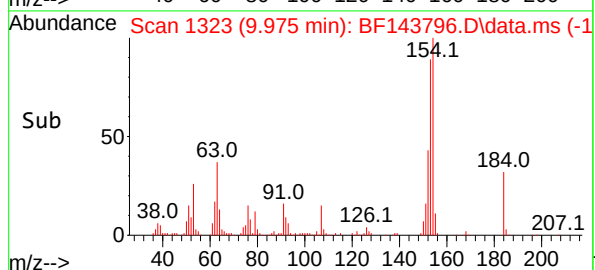
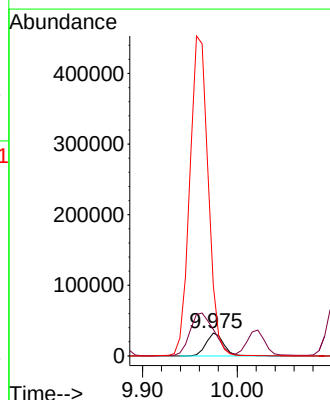
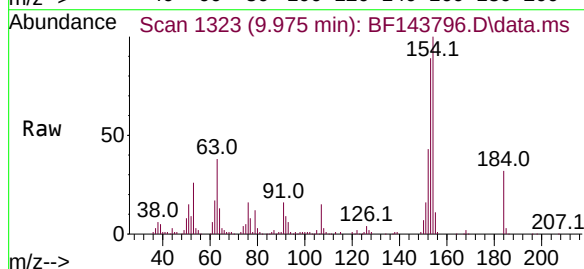
Tgt Ion:184 Resp: 41616

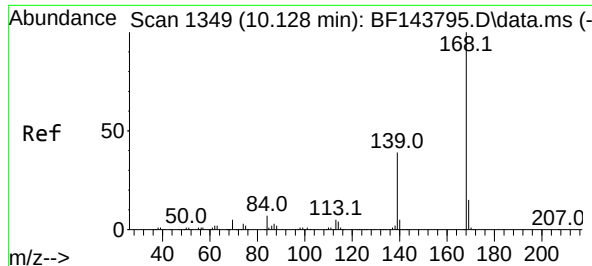
Ion Ratio Lower Upper

184 100

63 115.9 84.6 127.0

154 307.9 199.3 298.9#





#55

Dibenzenofuran

Concen: 46.115 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 867169

Ion Ratio Lower Upper

168 100

139 38.6 31.0 46.6

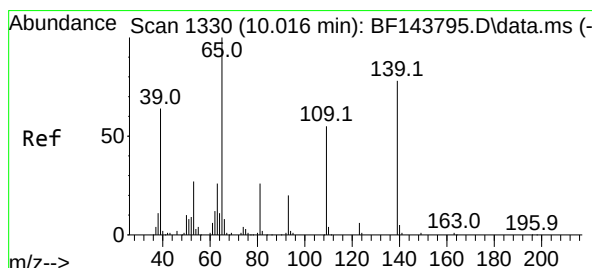
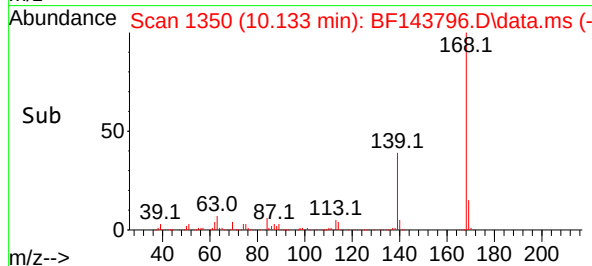
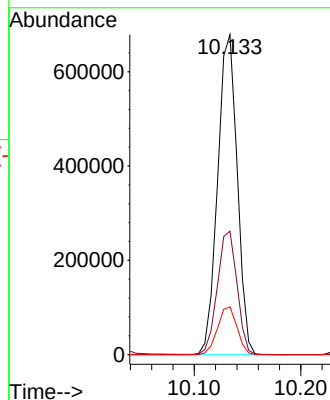
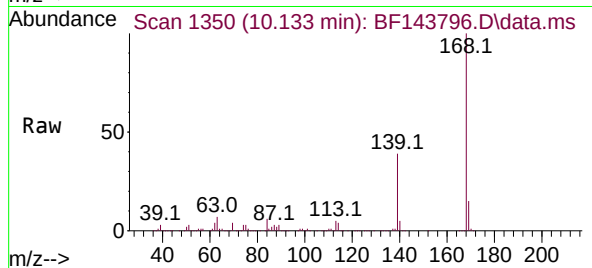
169 14.9 11.9 17.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 49.212 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

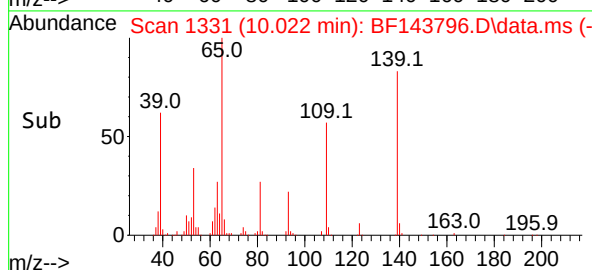
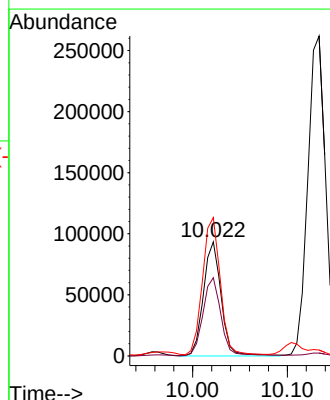
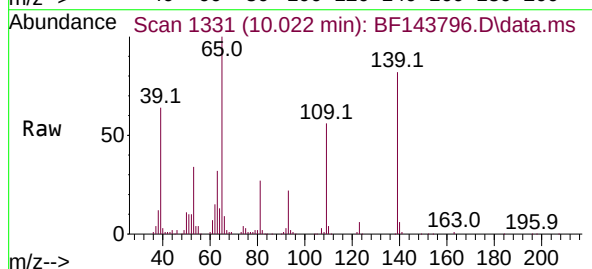
Tgt Ion:139 Resp: 121266

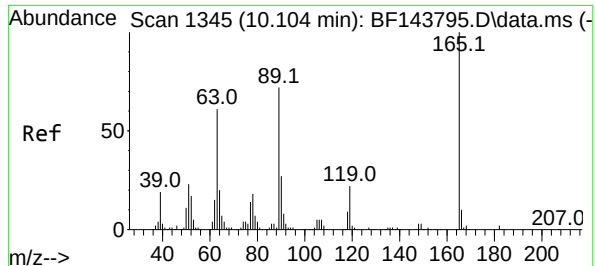
Ion Ratio Lower Upper

139 100

109 68.6 50.2 90.2

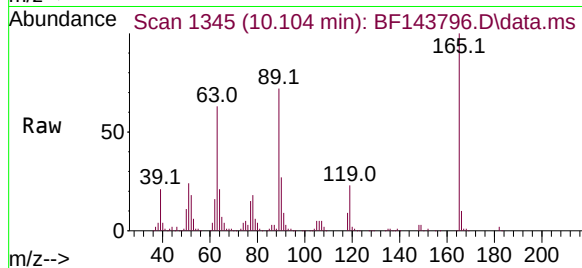
65 121.4 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 49.496 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

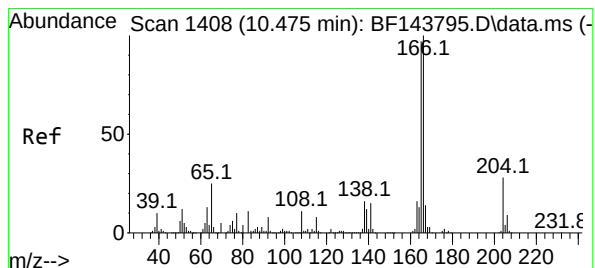
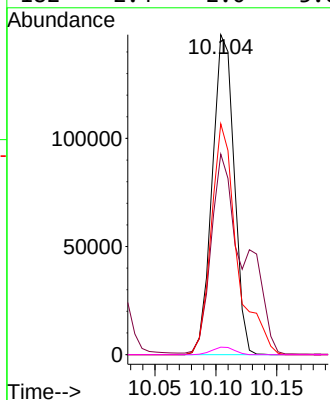
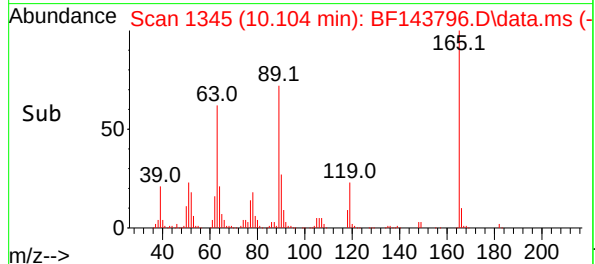
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



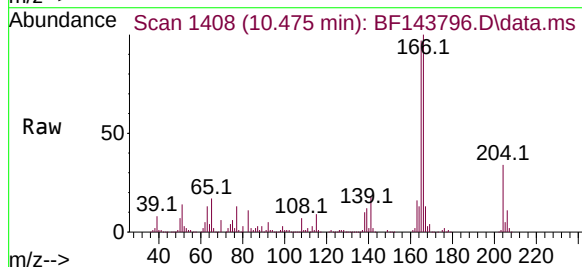
Tgt Ion:165 Resp: 185700
Ion Ratio Lower Upper
165 100
63 62.7 48.9 73.3
89 72.1 57.5 86.3
182 2.4 2.0 3.0

Manual Integrations
APPROVED

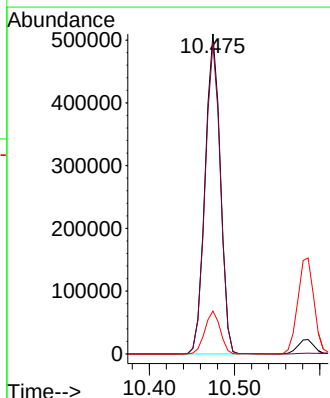
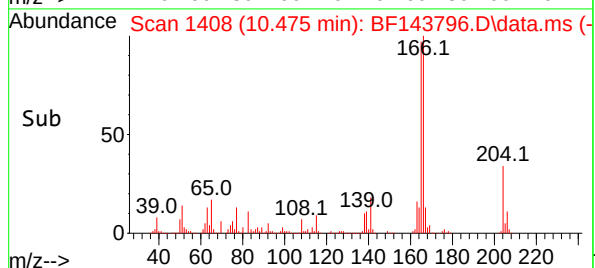
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

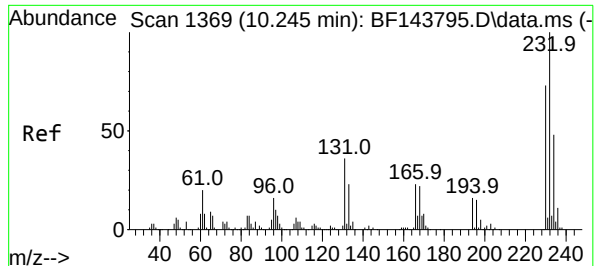


#58
Fluorene
Concen: 45.259 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



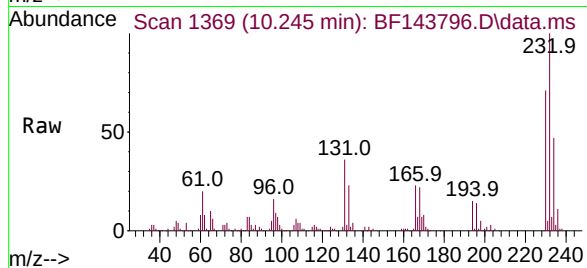
Tgt Ion:166 Resp: 632710
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

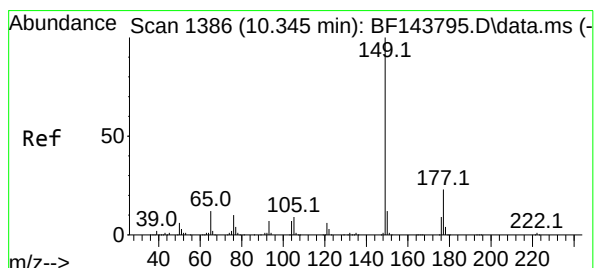
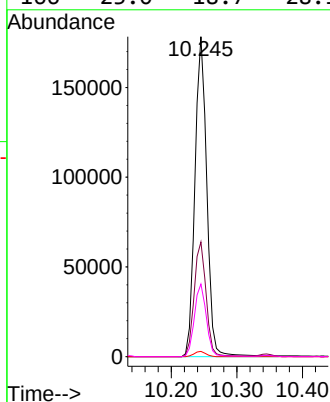
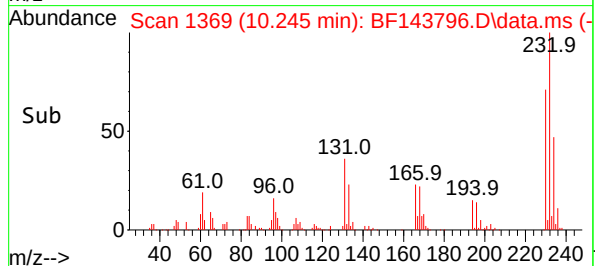
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



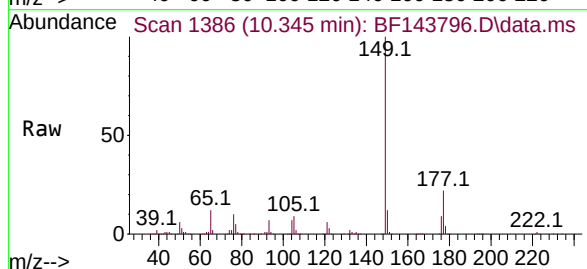
Tgt Ion:232 Resp: 223693
Ion Ratio Lower Upper
232 100
131 36.2 29.4 44.2
130 1.6 1.3 1.9
166 23.0 18.7 28.1

Manual Integrations
APPROVED

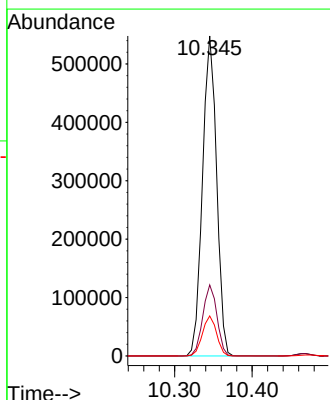
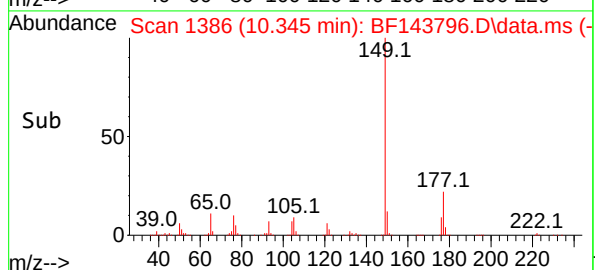
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

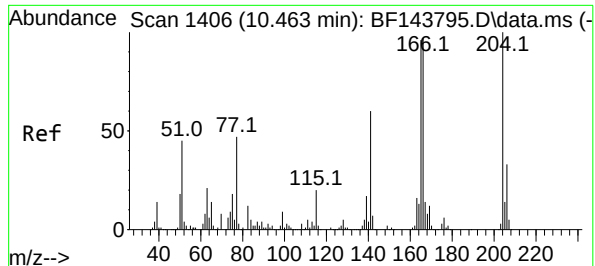


#60
Diethylphthalate
Concen: 48.178 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



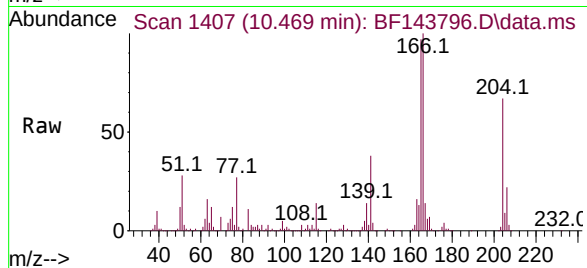
Tgt Ion:149 Resp: 692482
Ion Ratio Lower Upper
149 100
177 22.2 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

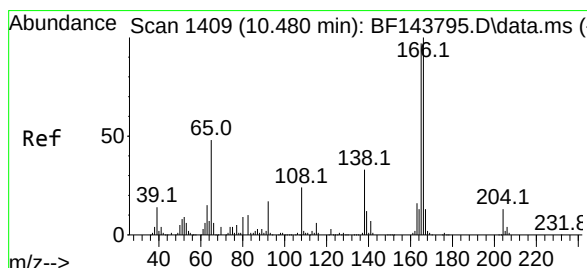
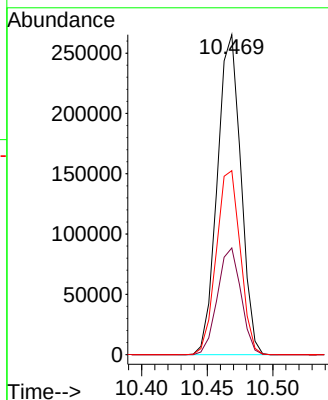
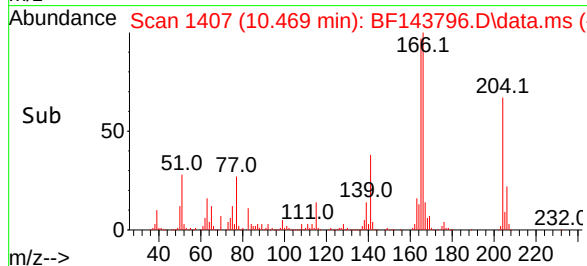
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



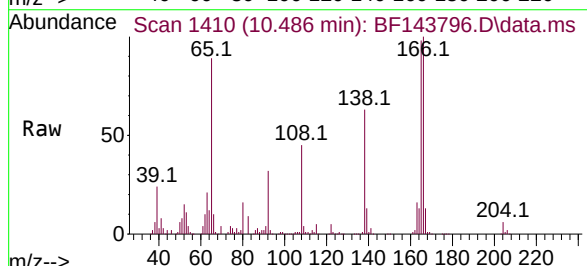
Tgt Ion:204 Resp: 332223
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 57.5 48.2 72.2

Manual Integrations
APPROVED

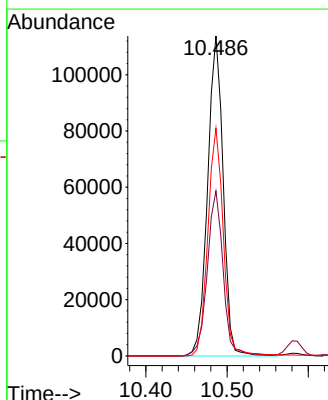
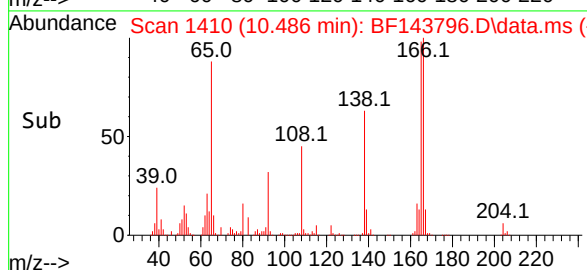
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

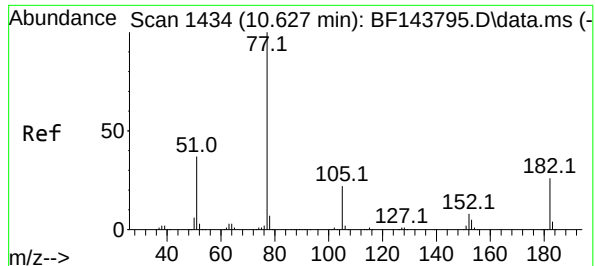


#62
4-Nitroaniline
Concen: 52.923 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



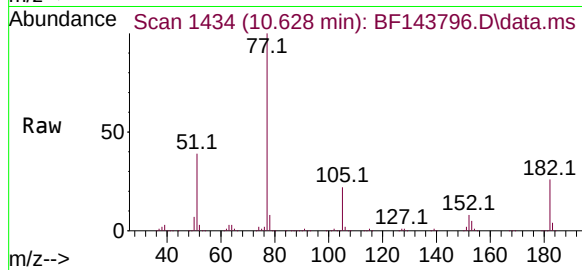
Tgt Ion:138 Resp: 152165
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 71.1 51.9 91.9





#63
Azobenzene
Concen: 47.725 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

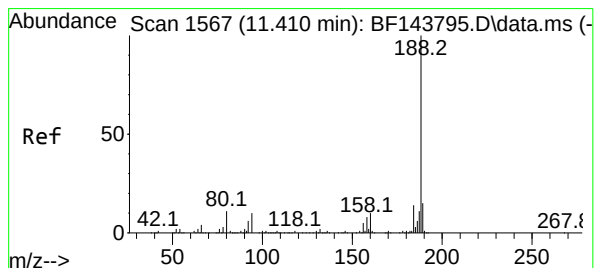
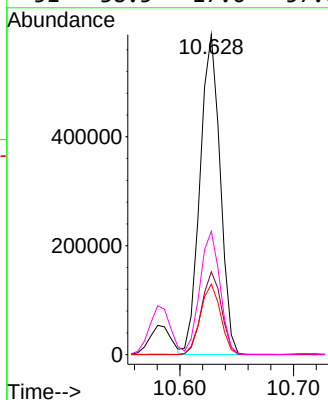
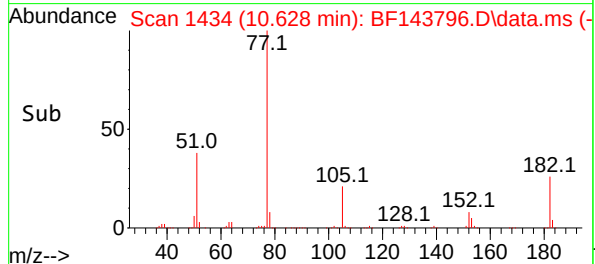
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



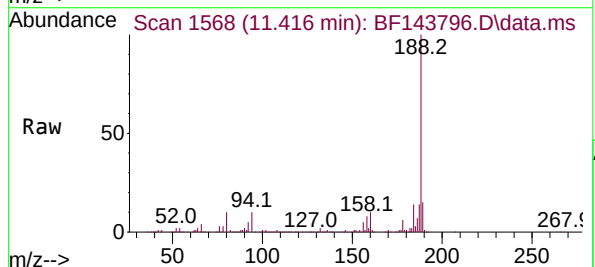
Tgt Ion: 77 Resp: 722936
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.1 2.3 42.3
51 38.5 17.6 57.6

Manual Integrations
APPROVED

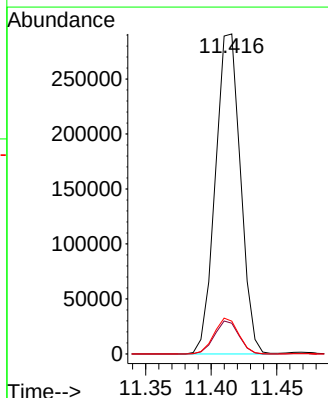
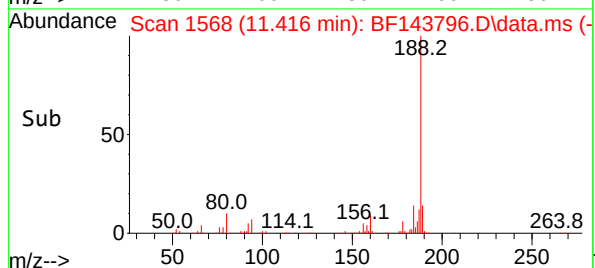
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

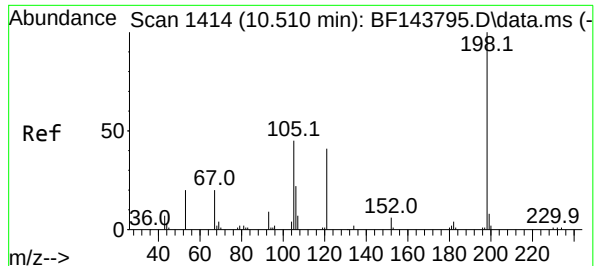


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:188 Resp: 388493
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.2 8.6 12.8





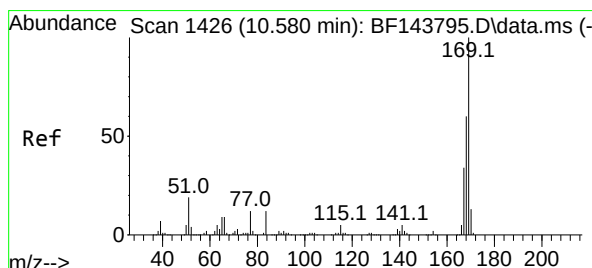
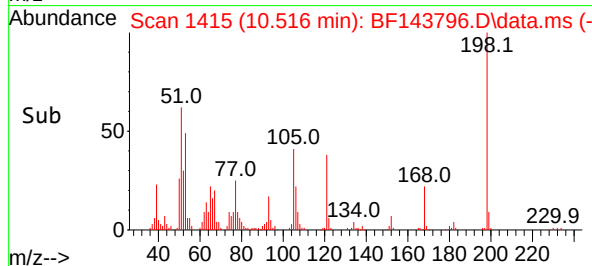
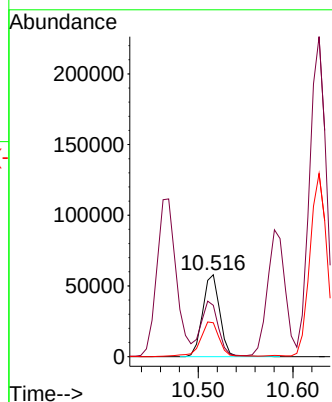
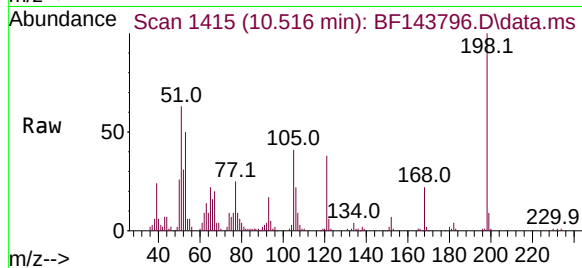
#65
4,6-Dinitro-2-methylphenol
Concen: 50.124 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 72195
Ion Ratio Lower Upper
198 100
51 62.7 52.0 92.0
105 41.4 27.5 67.5

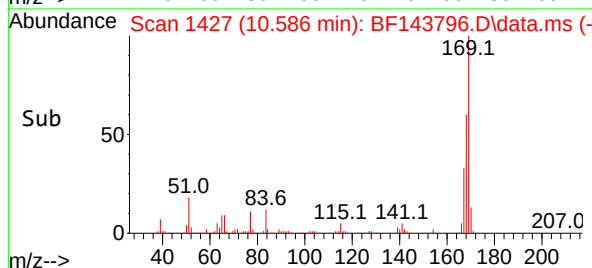
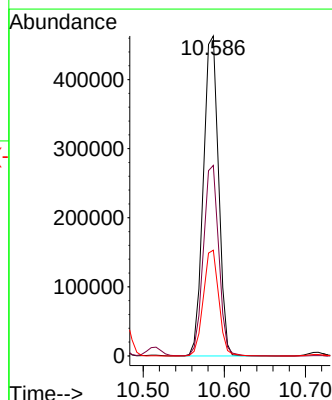
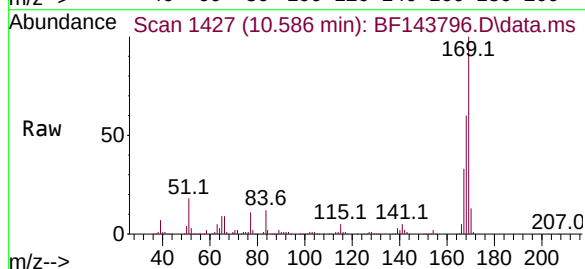
Manual Integrations
APPROVED

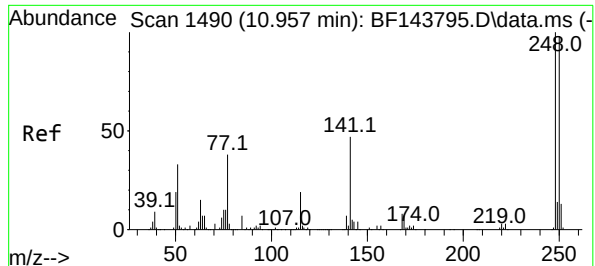
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 47.203 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

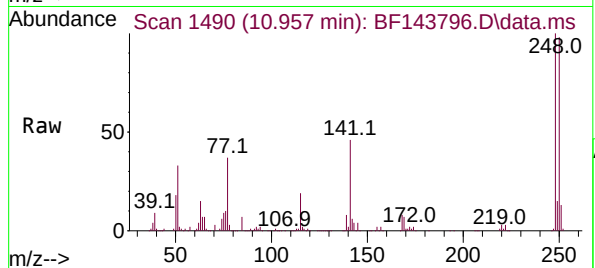
Tgt Ion:169 Resp: 603084
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.0 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 48.975 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

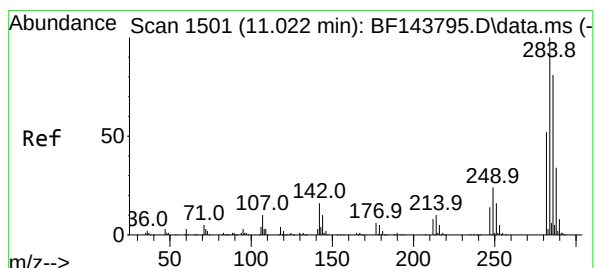
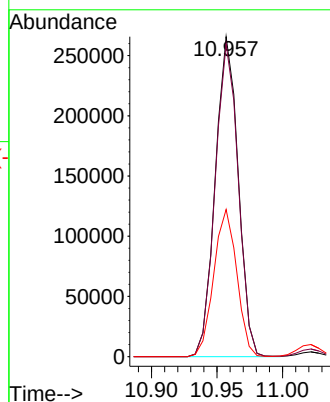
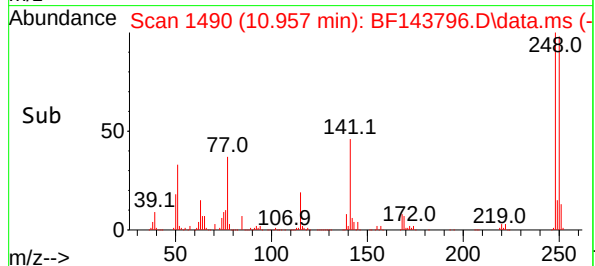
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



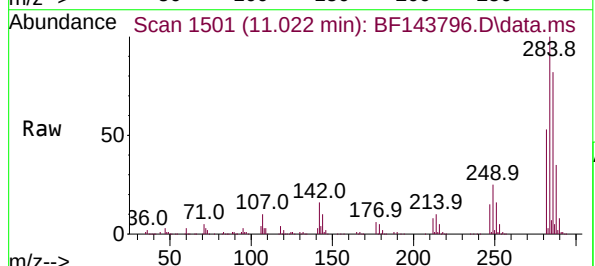
Tgt Ion:248 Resp: 324243
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 46.0 37.9 56.9

Manual Integrations
APPROVED

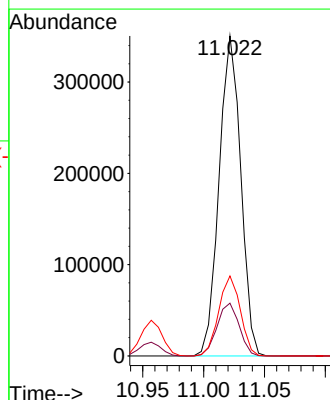
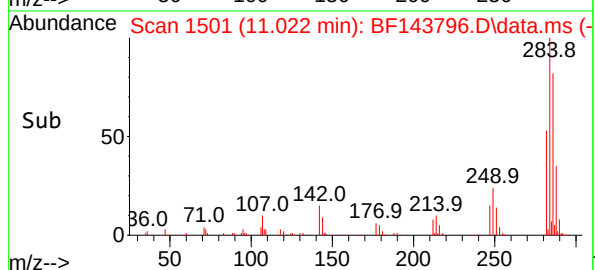
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

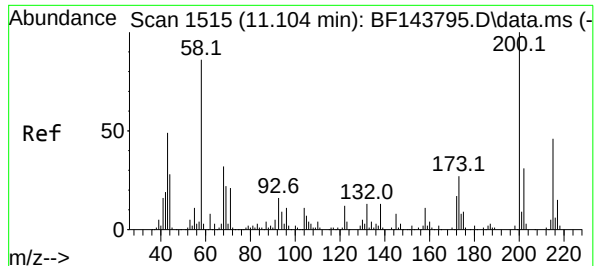


#68
Hexachlorobenzene
Concen: 47.539 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:284 Resp: 433735
Ion Ratio Lower Upper
284 100
142 16.5 13.1 19.7
249 25.0 19.5 29.3





#69

Atrazine

Concen: 48.894 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 180897

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

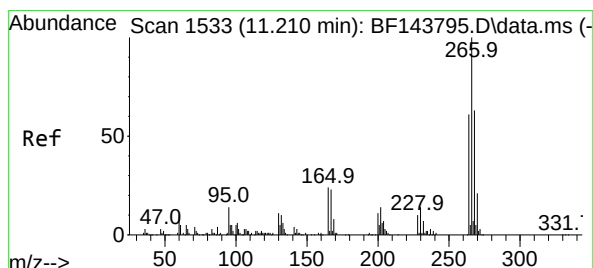
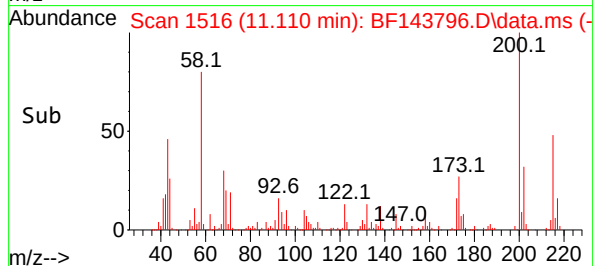
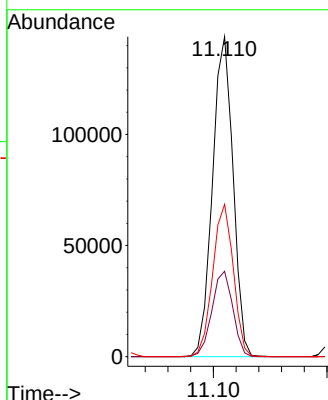
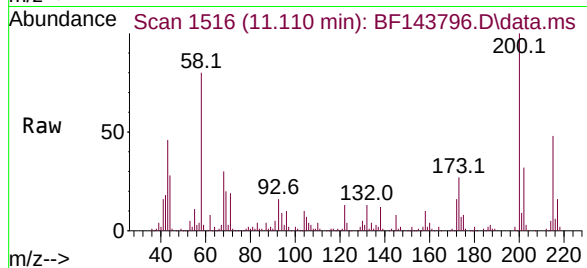
215 47.6 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 51.024 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

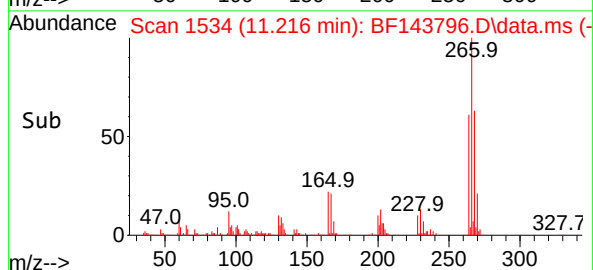
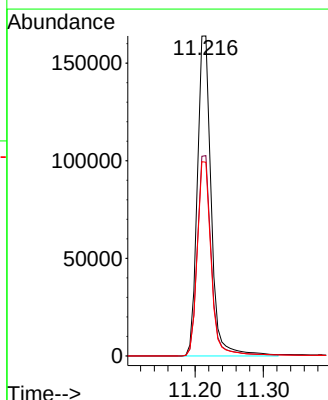
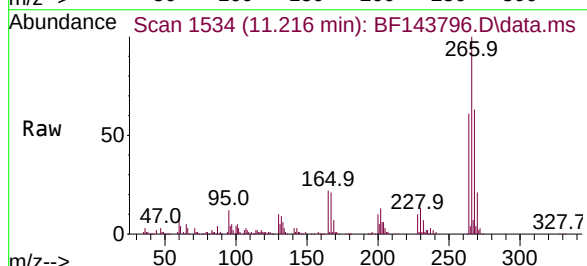
Tgt Ion:266 Resp: 231733

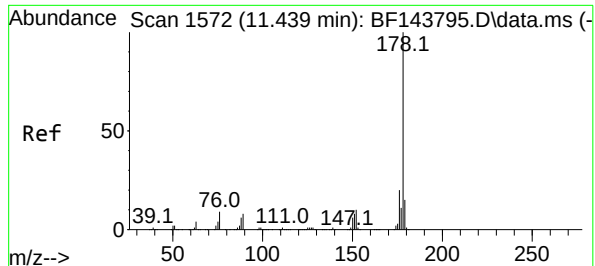
Ion Ratio Lower Upper

266 100

268 62.6 50.5 75.7

264 60.5 48.8 73.2





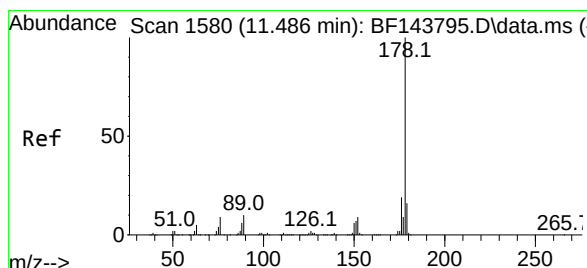
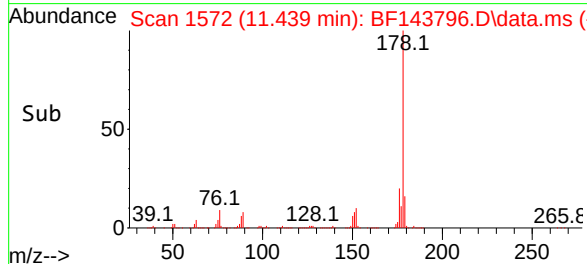
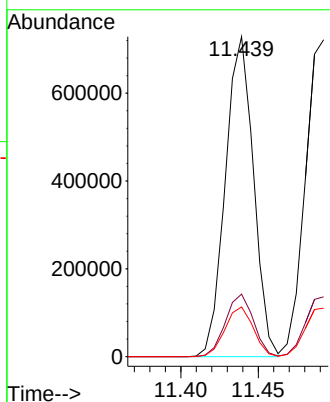
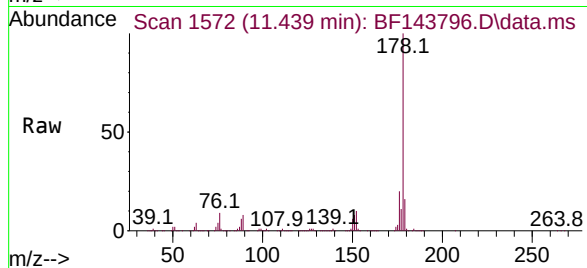
#71
Phenanthrene
Concen: 46.149 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 920438
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.2 18.4

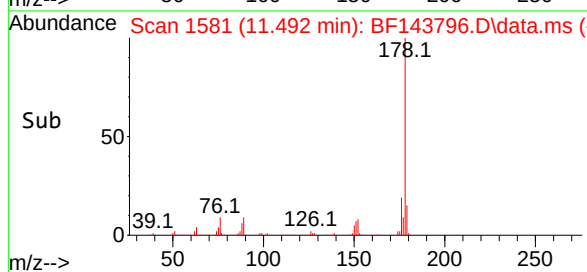
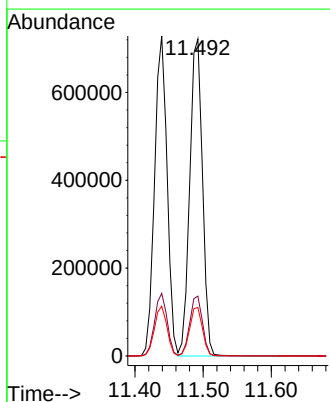
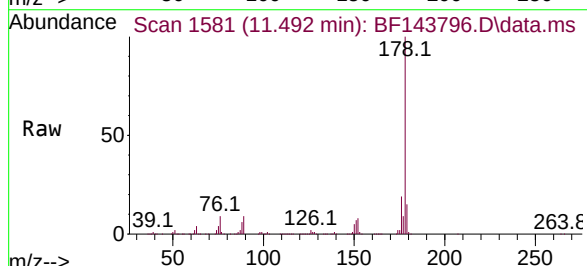
Manual Integrations
APPROVED

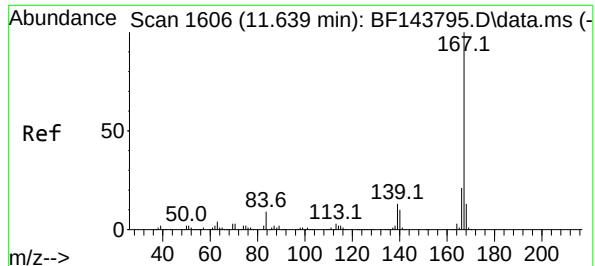
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 46.825 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

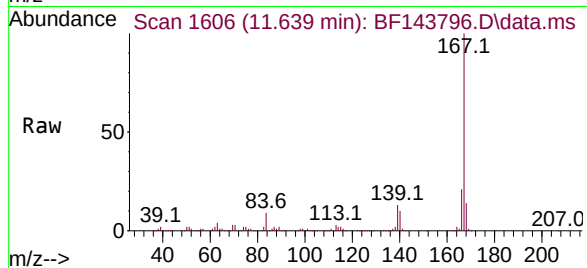
Tgt Ion:178 Resp: 936801
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.8 19.2





#73
 Carbazole
 Concen: 46.564 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143796.D
 Acq: 23 Sep 2025 14:28

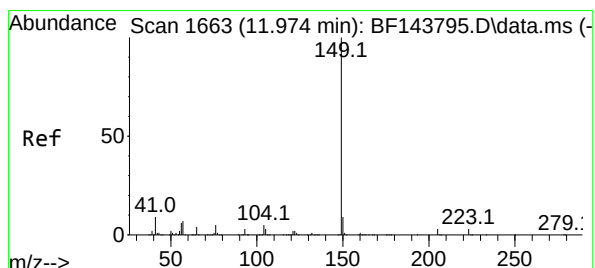
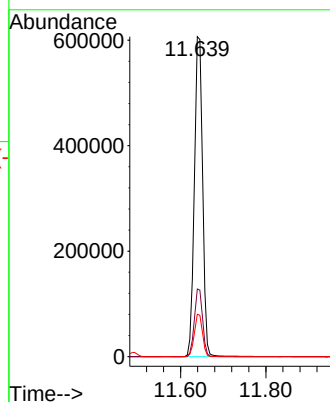
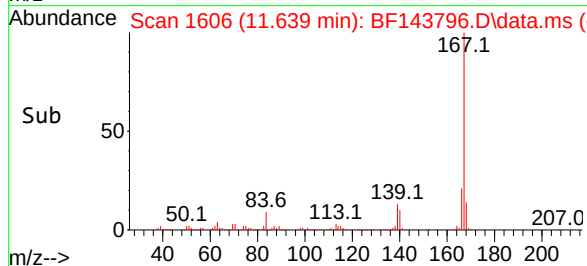
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



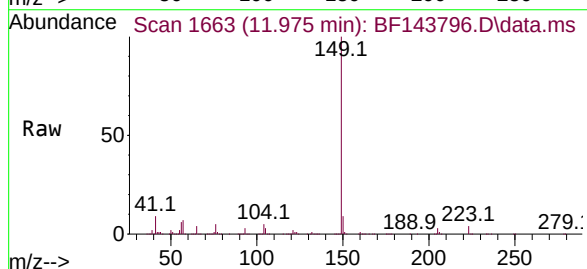
Tgt Ion:167 Resp: 814499
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.2 10.6 15.8

Manual Integrations
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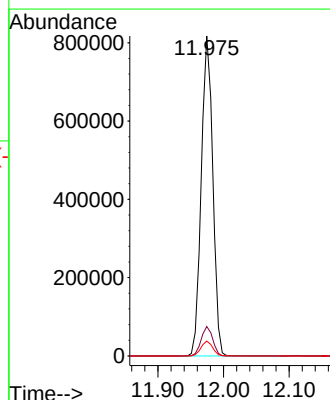
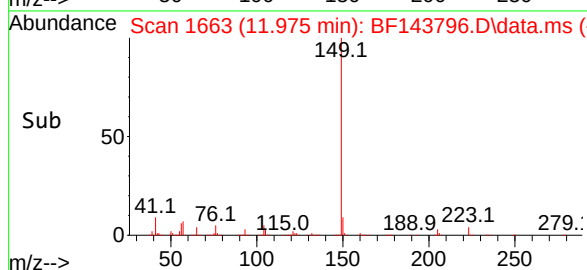
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

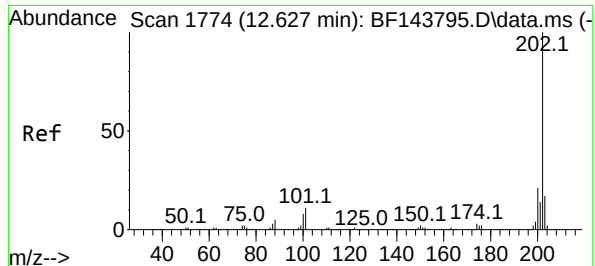


#74
 Di-n-butylphthalate
 Concen: 49.211 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143796.D
 Acq: 23 Sep 2025 14:28



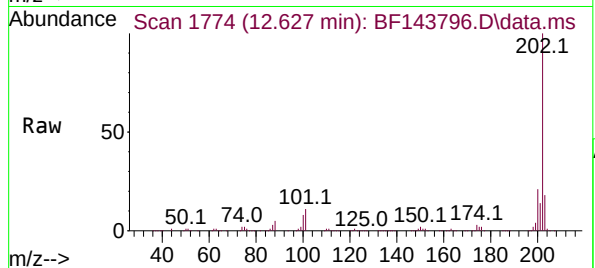
Tgt Ion:149 Resp: 990005
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 46.163 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

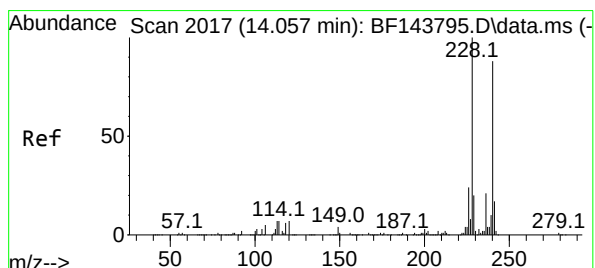
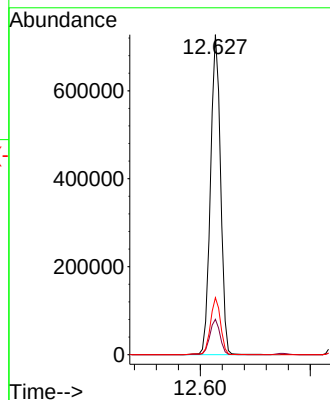
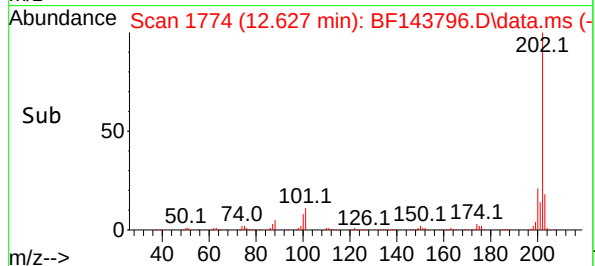
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 92604
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.8 0.0 37.4

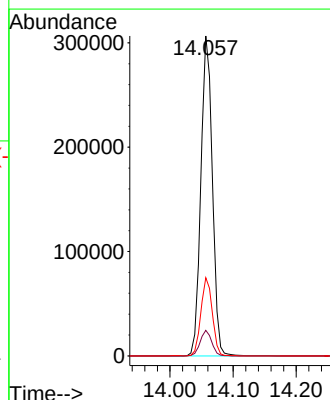
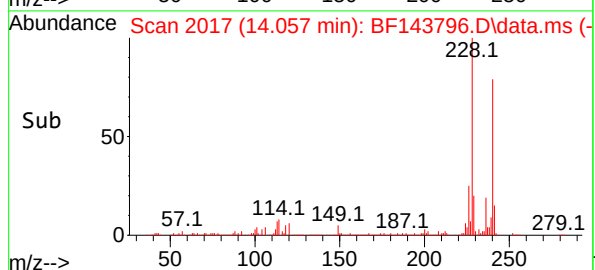
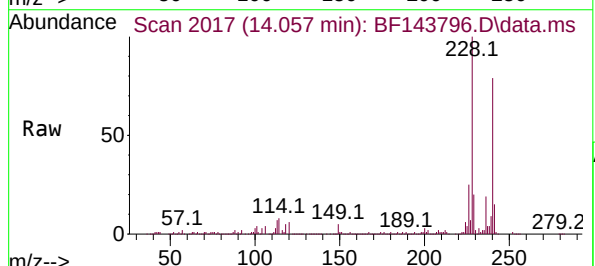
Manual Integrations
APPROVED

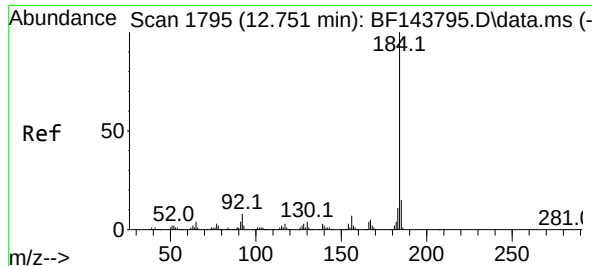
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

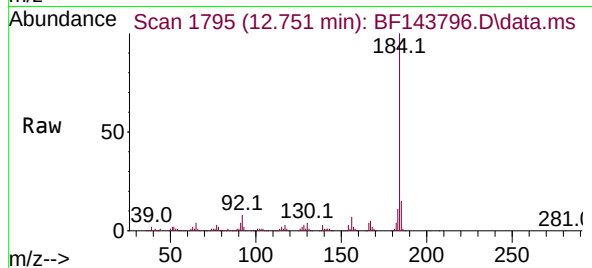
Tgt Ion:240 Resp: 388120
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 24.4 19.4 29.2





#77
Benzidine
Concen: 58.531 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

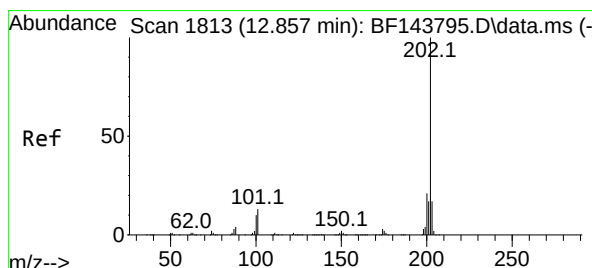
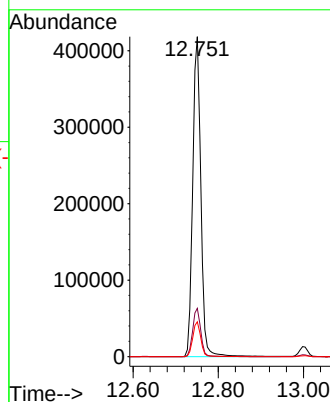
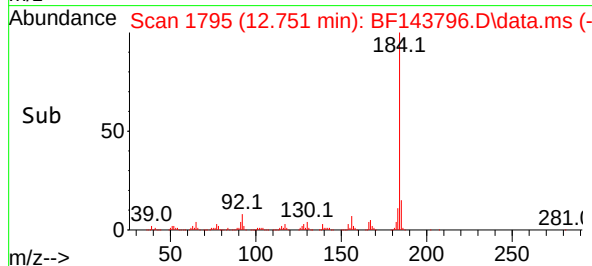
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 553563
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 10.9 8.6 13.0

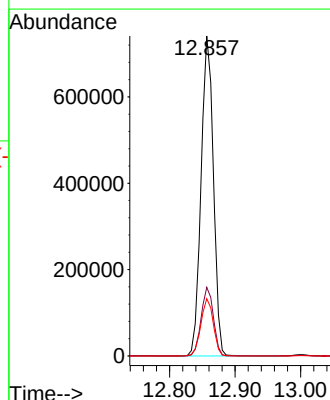
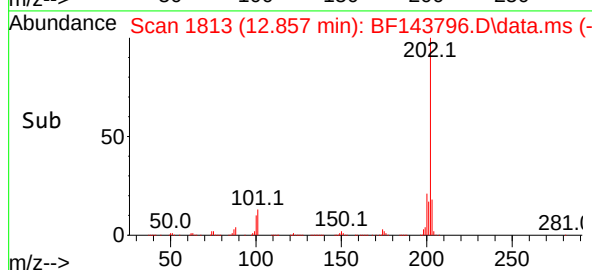
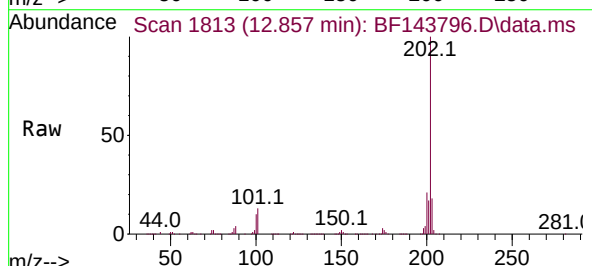
Manual Integrations
APPROVED

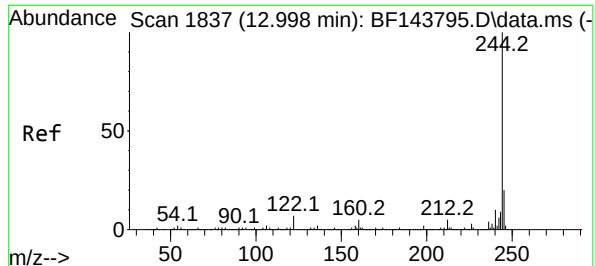
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 50.323 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:202 Resp: 960254
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 96.285 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143796.D

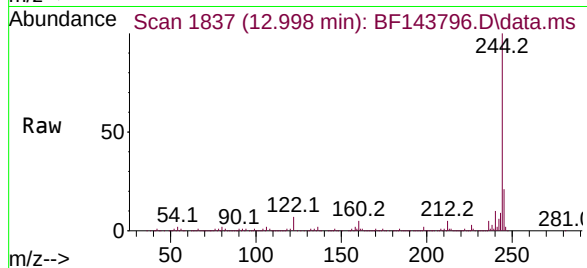
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 1903421

Ion Ratio Lower Upper

244 100

212 5.0 3.9 5.9

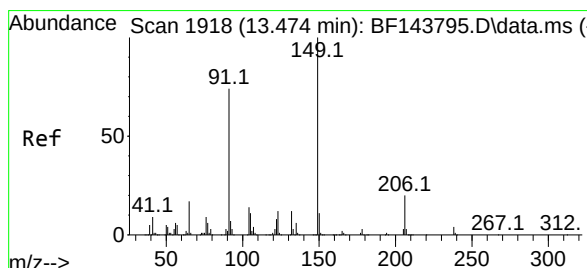
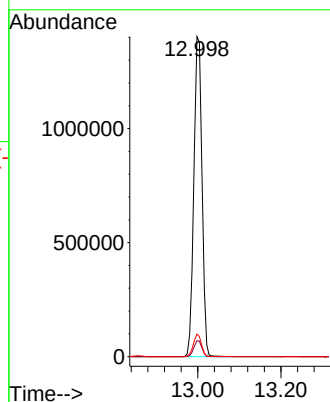
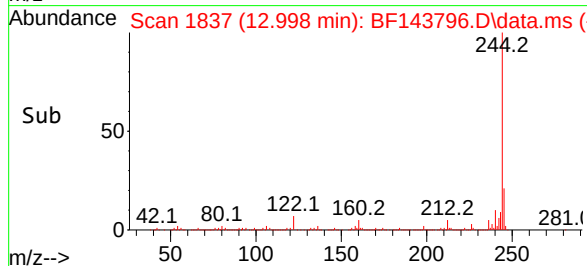
122 7.0 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#80

Butylbenzylphthalate

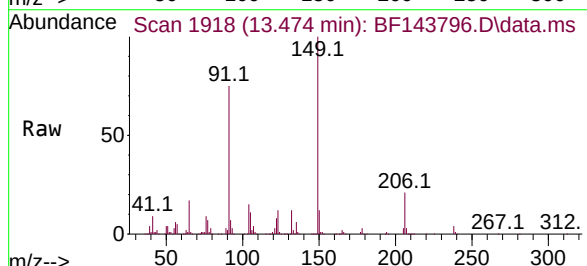
Concen: 53.969 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28



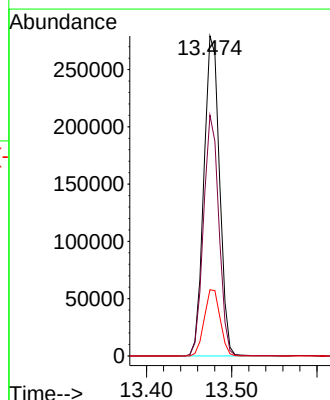
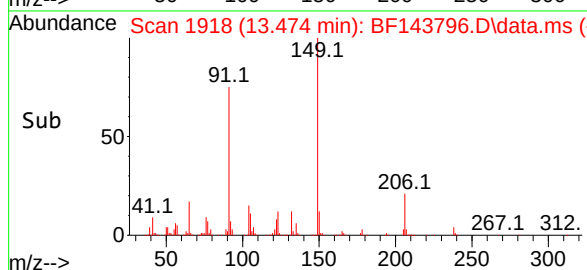
Tgt Ion:149 Resp: 356288

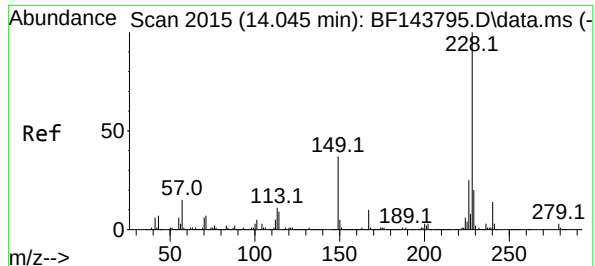
Ion Ratio Lower Upper

149 100

91 75.2 59.5 89.3

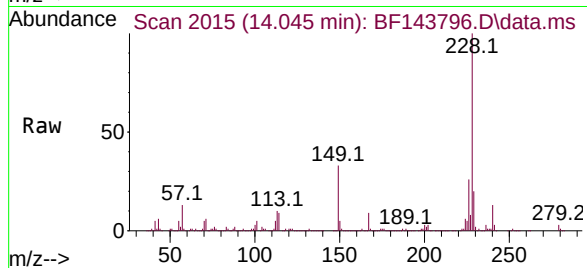
206 20.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 48.411 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

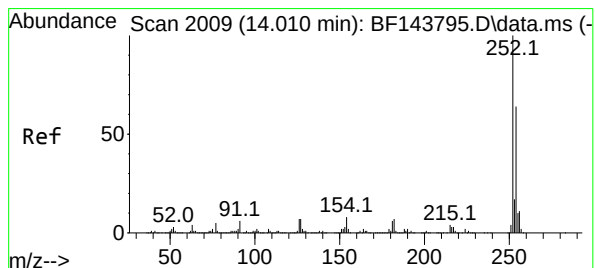
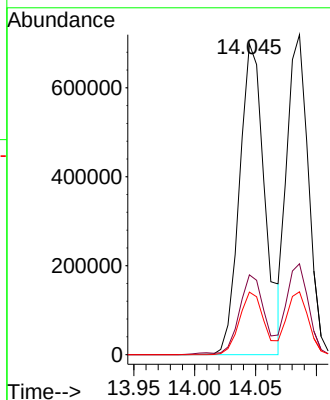
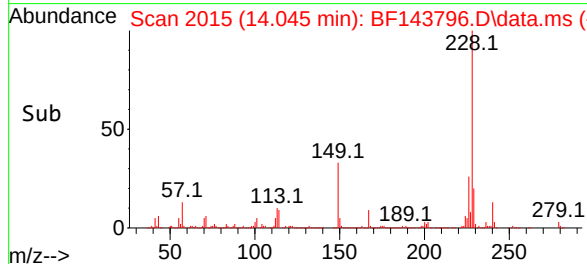
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1009406
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 20.1 16.1 24.1

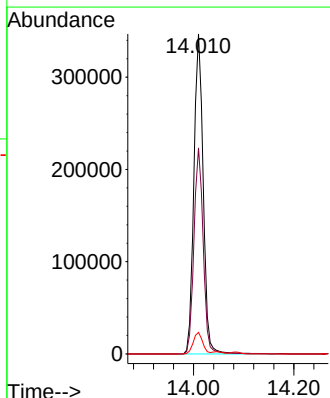
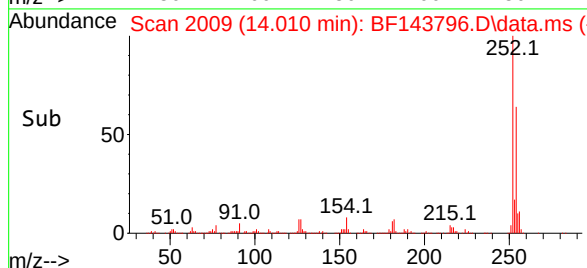
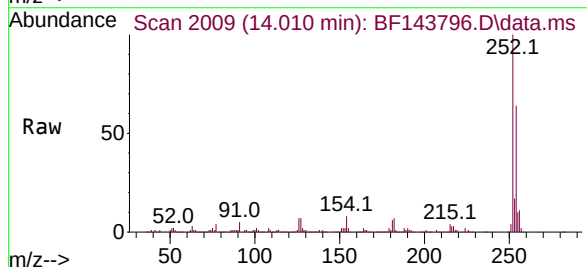
Manual Integrations
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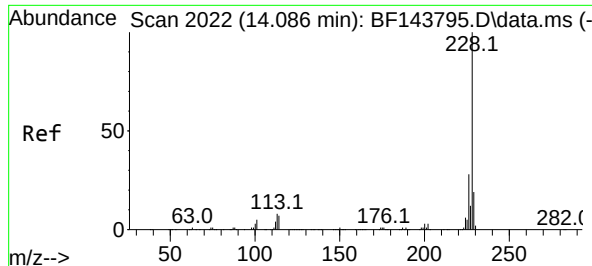
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 49.304 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

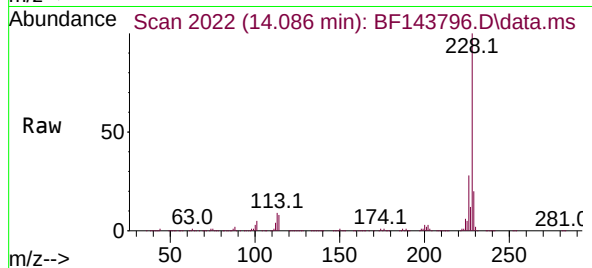
Tgt Ion:252 Resp: 445355
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 6.7 5.4 8.2





#83
Chrysene
Concen: 46.750 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

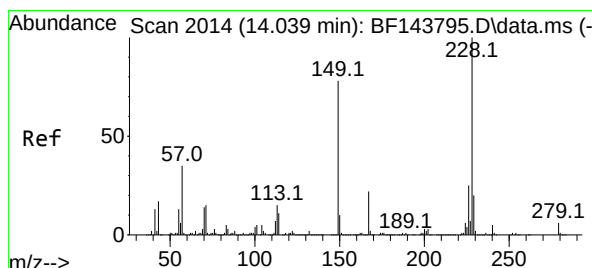
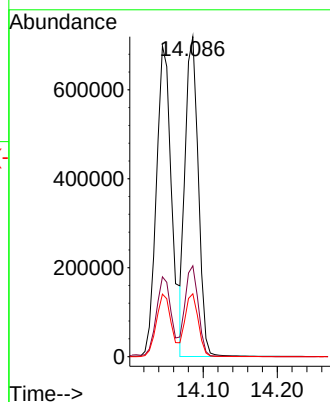
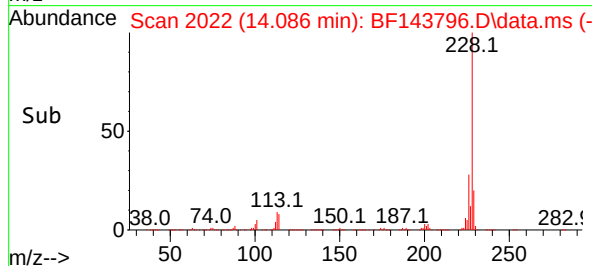
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



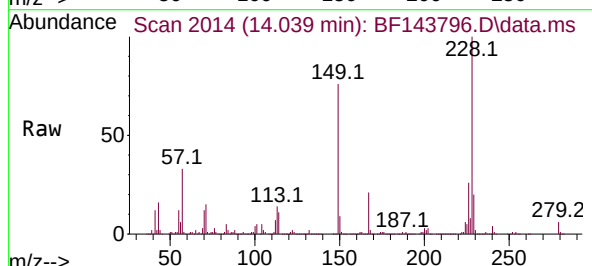
Tgt Ion:228 Resp: 882028
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.6 15.6 23.4

Manual Integrations
APPROVED

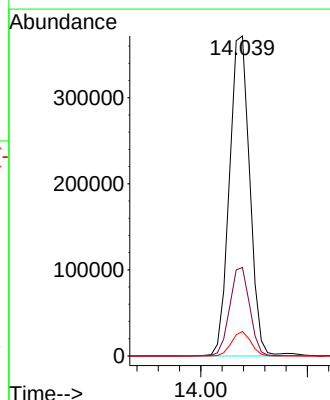
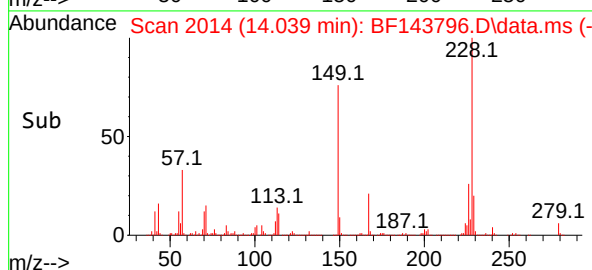
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

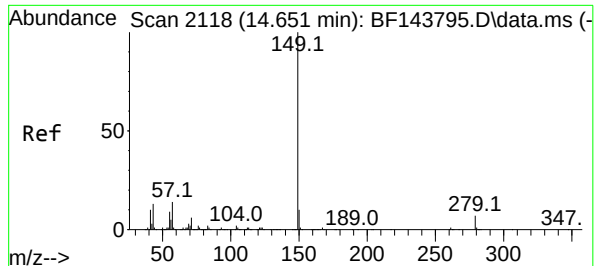


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.632 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



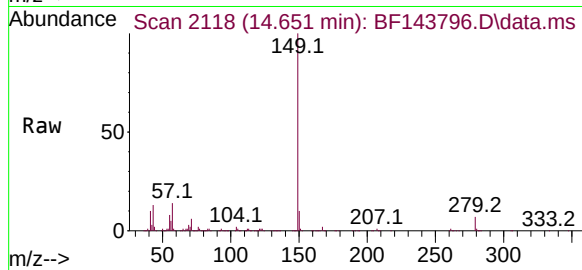
Tgt Ion:149 Resp: 489947
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.2
279 7.6 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 49.877 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

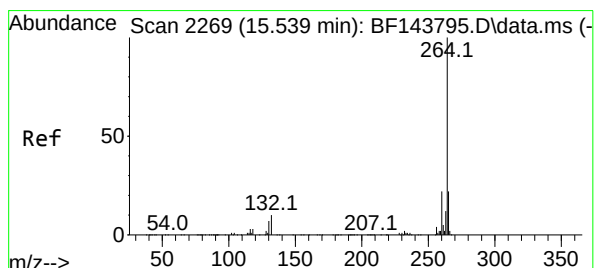
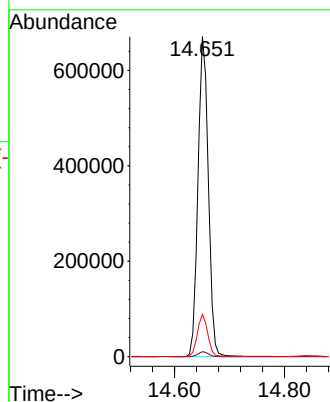
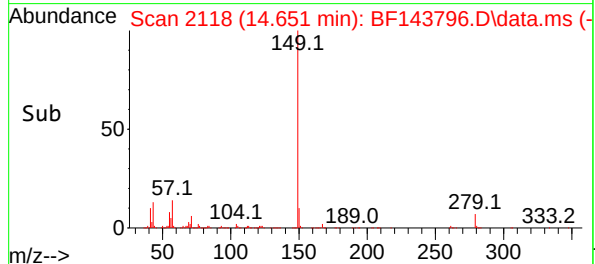
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 875478
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.2 10.7 16.1

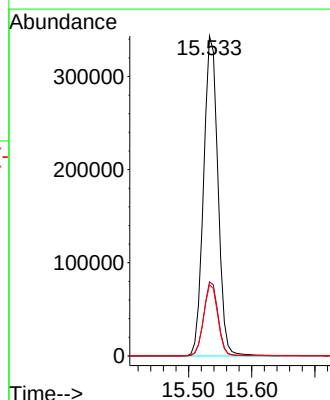
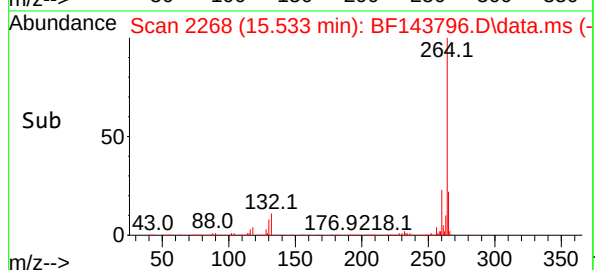
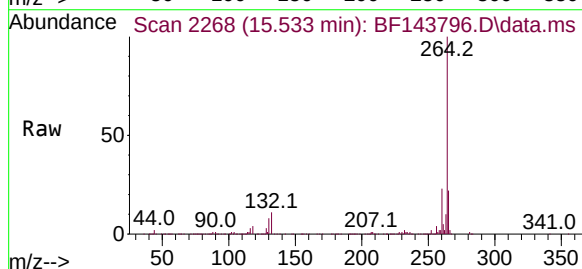
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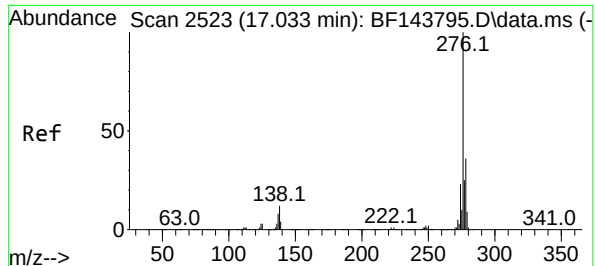
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:264 Resp: 541272
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 22.2 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.707 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 2041373

Ion Ratio Lower Upper

276 100

138 12.9 10.6 15.8

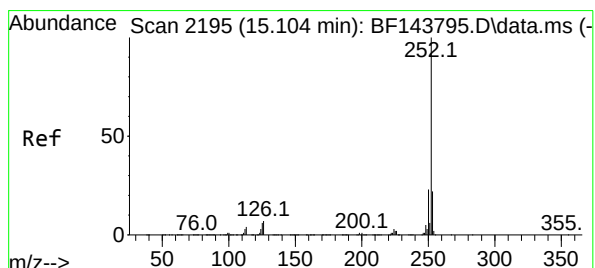
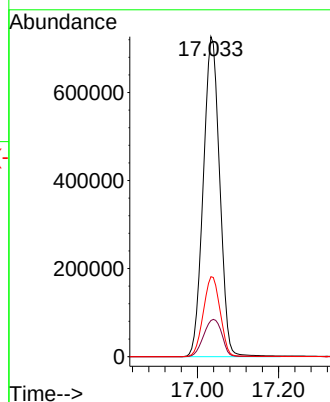
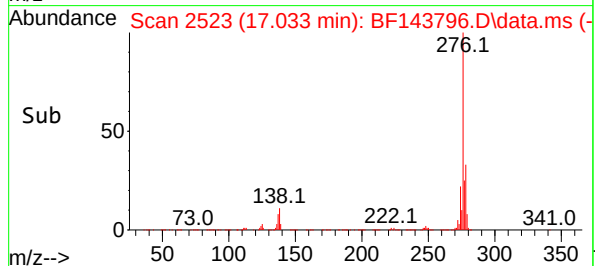
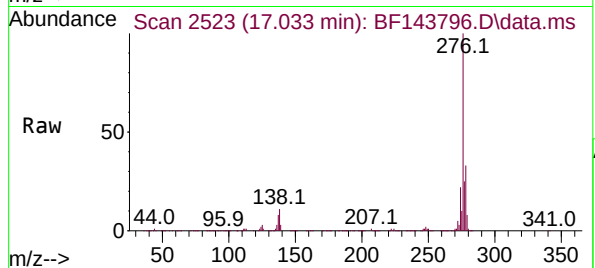
277 25.6 20.7 31.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#88

Benzo(b)fluoranthene

Concen: 49.206 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

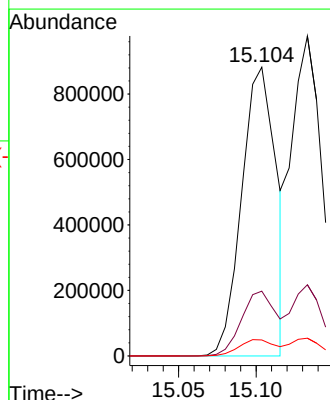
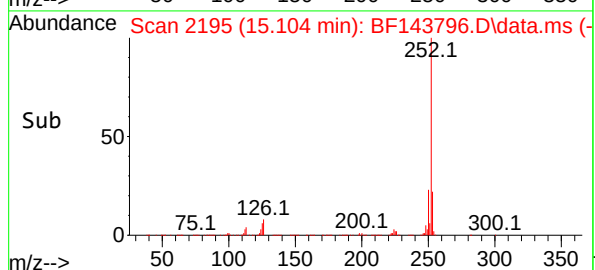
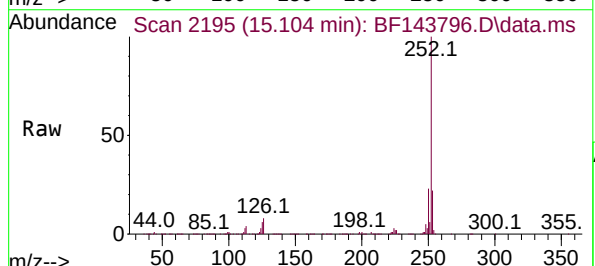
Tgt Ion:252 Resp: 1356316

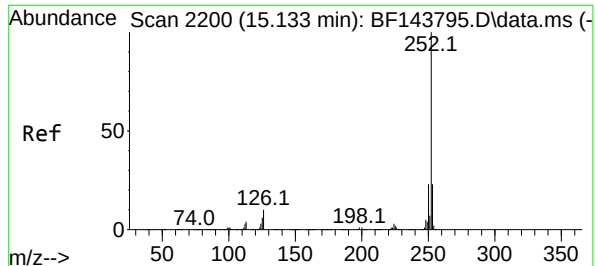
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 48.662 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 134759

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

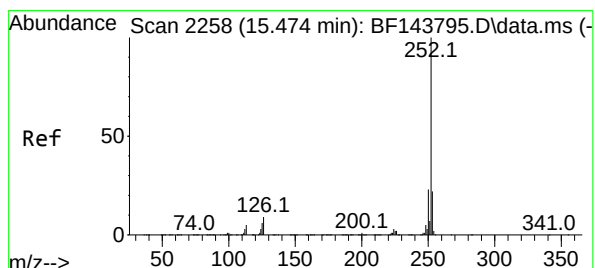
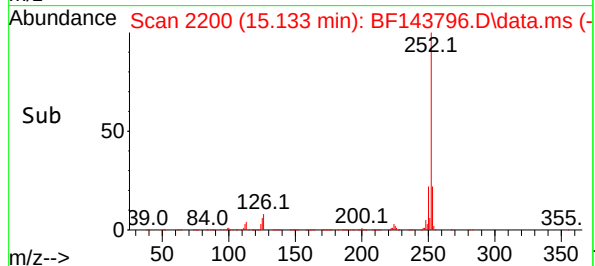
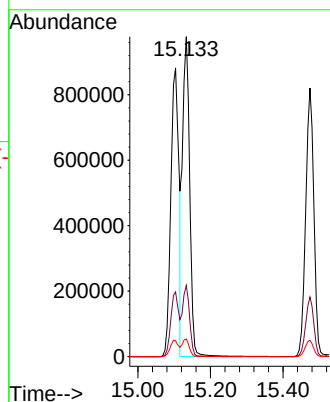
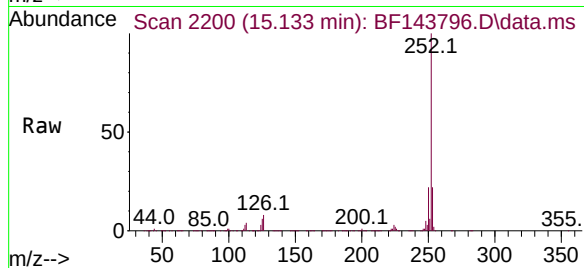
125 5.5 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 49.541 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

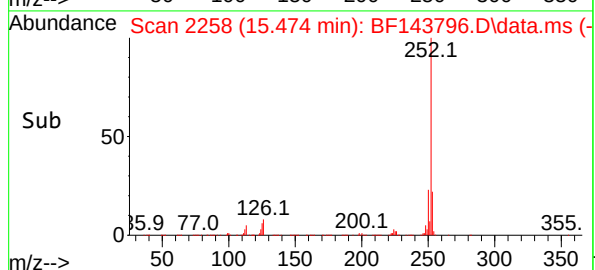
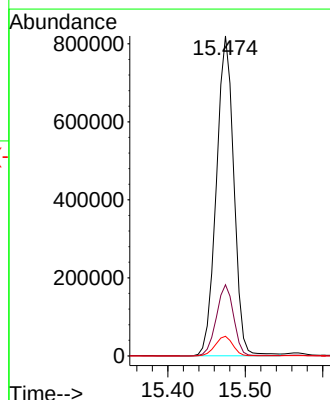
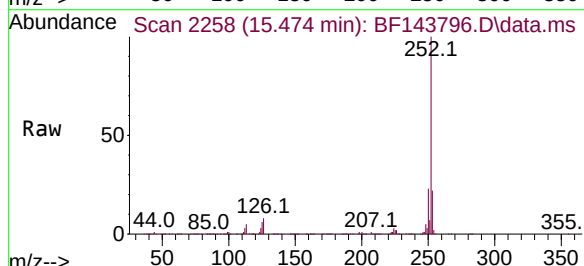
Tgt Ion:252 Resp: 1283604

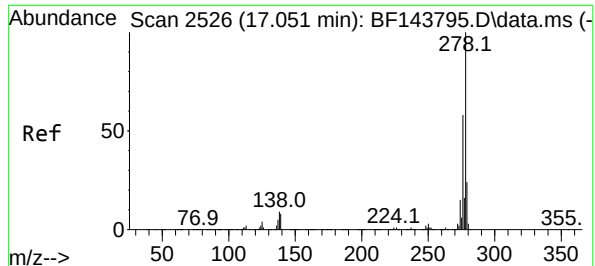
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

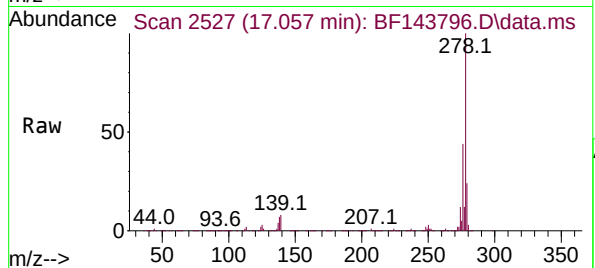
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 49.826 ng
RT: 17.057 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

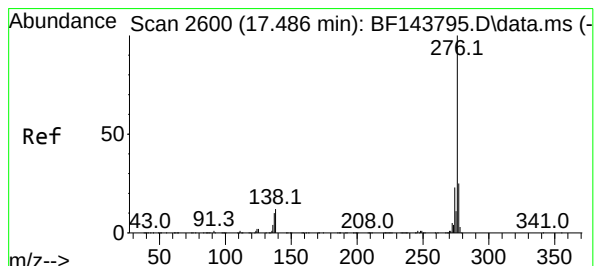
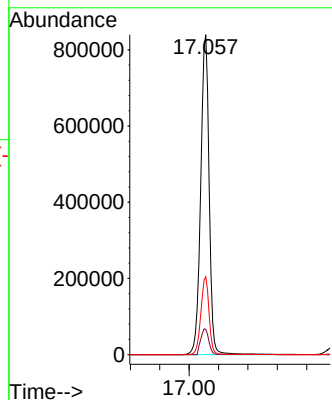
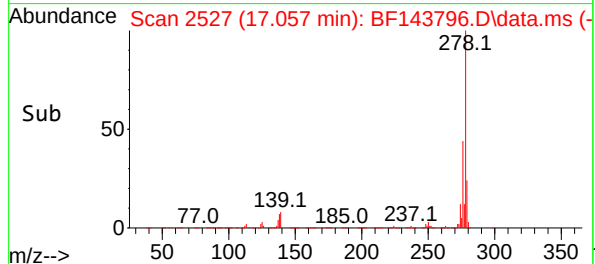
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 1673679
Ion Ratio Lower Upper
278 100
139 7.9 6.7 10.1
279 24.3 19.3 28.9

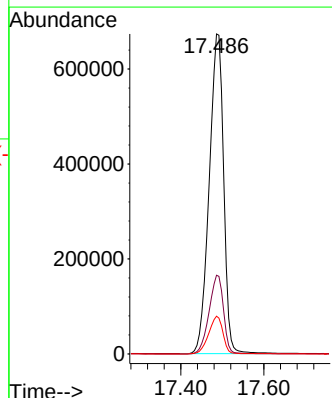
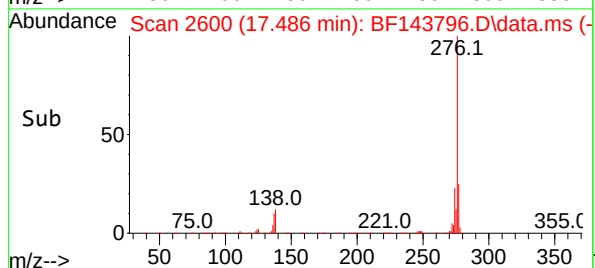
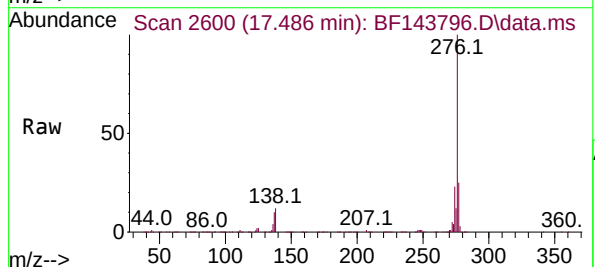
Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 50.151 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:276 Resp: 1623902
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 11.8 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143797.D
 Acq On : 23 Sep 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132440	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	482940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	240564	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	364411	20.000	ng	0.00
76) Chrysene-d12	14.057	240	359318	20.000	ng	0.00
86) Perylene-d12	15.533	264	519571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	948307	115.234	ng	0.00
7) Phenol-d6	6.510	99	1089571	112.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	956391	124.628	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396463	115.480	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1664507	102.249	ng	0.00
79) Terphenyl-d14	13.004	244	2132520	116.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	231372	59.300	ng	98
3) Pyridine	3.416	79	636709	60.455	ng	99
4) n-Nitrosodimethylamine	3.369	42	324819	61.507	ng	99
6) Aniline	6.551	93	785861	57.487	ng	100
8) 2-Chlorophenol	6.669	128	494437	59.248	ng	99
9) Benzaldehyde	6.440	77	611123	74.093	ng	99
10) Phenol	6.522	94	644396m	58.860	ng	
11) bis(2-Chloroethyl)ether	6.622	93	504773	58.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	550246	56.789	ng	99
13) 1,4-Dichlorobenzene	6.904	146	548117	56.685	ng	100
14) 1,2-Dichlorobenzene	7.057	146	520261	56.809	ng	99
15) Benzyl Alcohol	7.028	79	414075	60.843	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1178357	57.906	ng	100
17) 2-Methylphenol	7.134	107	381125	58.990	ng	99
18) Hexachloroethane	7.404	117	195969	57.629	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	345358	57.020	ng	100
20) 3+4-Methylphenols	7.287	107	454811	57.806	ng	95
22) Acetophenone	7.298	105	584748	55.128	ng	98
24) Nitrobenzene	7.469	77	523344	59.844	ng	98
25) Isophorone	7.710	82	917958	59.707	ng	99
26) 2-Nitrophenol	7.787	139	225802	62.050	ng	96
27) 2,4-Dimethylphenol	7.816	122	413744	60.209	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	567489	56.813	ng	99
29) 2,4-Dichlorophenol	8.022	162	402655	59.550	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	404040	57.579	ng	100
31) Naphthalene	8.192	128	1287223	55.678	ng	99
32) Benzoic acid	7.916	122	230784	69.608	ng	97
33) 4-Chloroaniline	8.239	127	467252	57.512	ng	99
34) Hexachlorobutadiene	8.310	225	303886	58.093	ng	99
35) Caprolactam	8.610	113	110413	63.887	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	379597	59.859	ng	99
37) 2-Methylnaphthalene	8.881	142	828108	56.174	ng	99
38) 1-Methylnaphthalene	8.981	142	796215	56.428	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	405534	55.860	ng	99
41) Hexachlorocyclopentadiene	9.039	237	289489	62.918	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	282839	62.219	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143797.D
 Acq On : 23 Sep 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	289963	60.982	ng	99
46) 1,1'-Biphenyl	9.345	154	957109	54.963	ng	99
47) 2-Chloronaphthalene	9.375	162	779426	55.605	ng	99
48) 2-Nitroaniline	9.463	65	288403	68.075	ng	97
49) Acenaphthylene	9.786	152	1091835	56.581	ng	100
50) Dimethylphthalate	9.639	163	859613	58.627	ng	100
51) 2,6-Dinitrotoluene	9.704	165	166977	69.313	ng	98
52) Acenaphthene	9.957	154	704698	55.494	ng	99
53) 3-Nitroaniline	9.875	138	192607	65.960	ng	99
54) 2,4-Dinitrophenol	9.975	184	54678	61.464	ng	81
55) Dibenzofuran	10.134	168	1004529	55.941	ng	100
56) 4-Nitrophenol	10.022	139	142495	60.557	ng	97
57) 2,4-Dinitrotoluene	10.104	165	222260	61.297	ng	99
58) Fluorene	10.475	166	711929	53.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	260302	63.904	ng	99
60) Diethylphthalate	10.345	149	800261	58.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	378141	55.593	ng	98
62) 4-Nitroaniline	10.486	138	175465	63.907	ng	99
63) Azobenzene	10.628	77	839301	58.022	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90861	62.624	ng	91
66) n-Nitrosodiphenylamine	10.586	169	695896	58.067	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	373431	60.132	ng	99
68) Hexachlorobenzene	11.022	284	504432	58.941	ng	99
69) Atrazine	11.110	200	204628	58.963	ng	98
70) Pentachlorophenol	11.216	266	277473	65.133	ng	100
71) Phenanthrene	11.439	178	1042871	55.742	ng	99
72) Anthracene	11.492	178	1052693	56.095	ng	100
73) Carbazole	11.645	167	925032	56.377	ng	99
74) Di-n-butylphthalate	11.975	149	1113894	59.029	ng	100
75) Fluoranthene	12.627	202	1044763	55.523	ng	99
77) Benzidine	12.751	184	596216	68.094	ng	99
78) Pyrene	12.857	202	1089660	61.683	ng	100
80) Butylbenzylphthalate	13.474	149	411027	67.252	ng	99
81) Benzo(a)anthracene	14.045	228	1148366	59.491	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	517428	61.874	ng	100
83) Chrysene	14.086	228	1014385	58.075	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	556458	62.115	ng	100
85) Di-n-octyl phthalate	14.651	149	1010224	62.167	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2413125	61.213	ng	99
88) Benzo(b)fluoranthene	15.104	252	1562058	59.037	ng	100
89) Benzo(k)fluoranthene	15.133	252	1604602	60.363	ng	99
90) Benzo(a)pyrene	15.474	252	1514049	60.876	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1959781	60.781	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1938747	62.375	ng	100

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

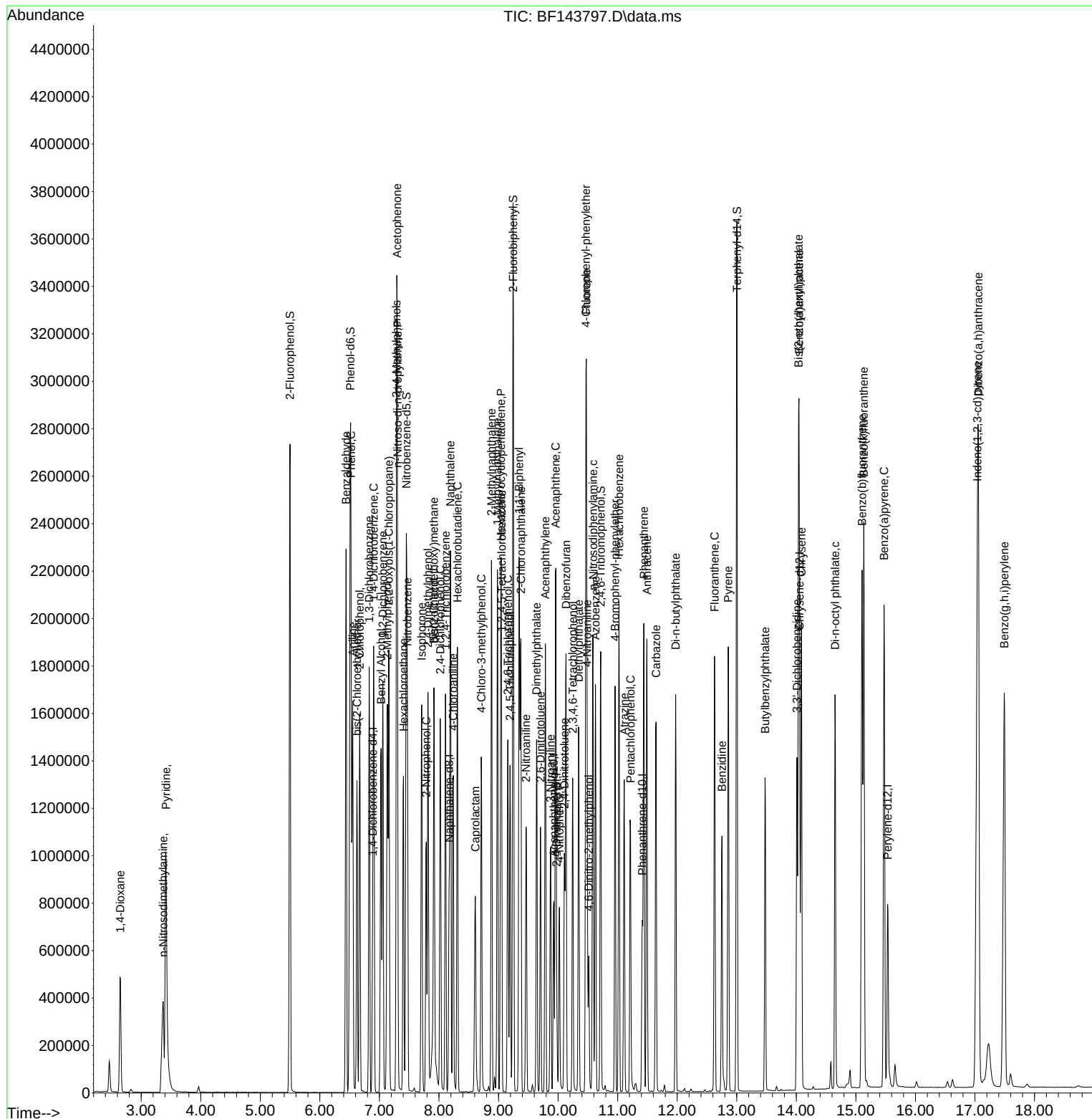
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Data File : BF143797.D
Acq On : 23 Sep 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

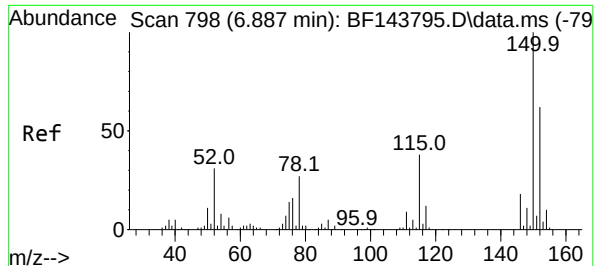
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

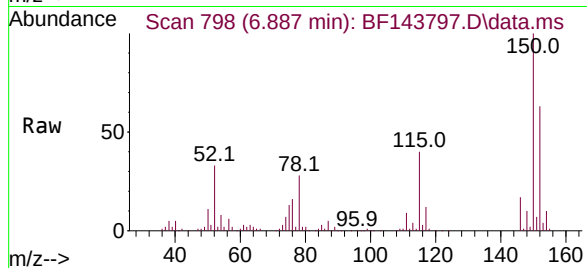
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

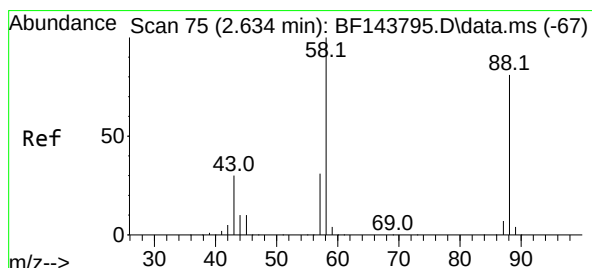
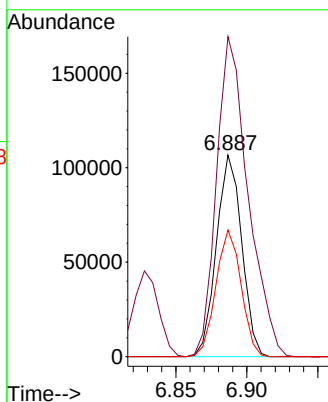
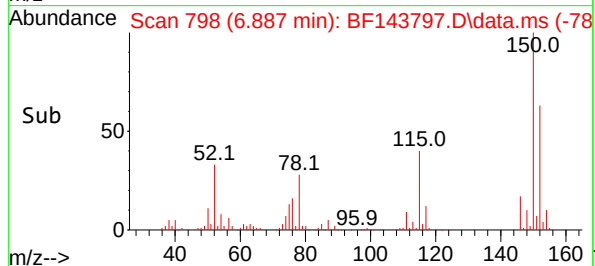
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 132440
Ion Ratio Lower Upper
152 100
150 158.8 129.6 194.4
115 62.9 49.0 73.4

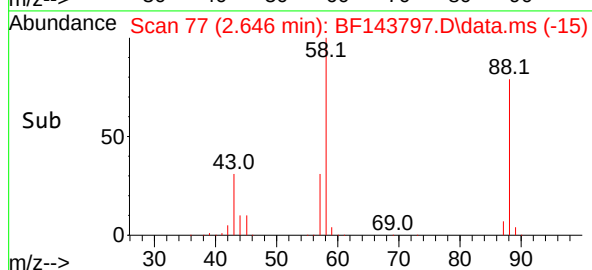
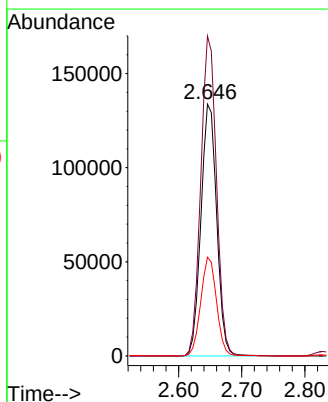
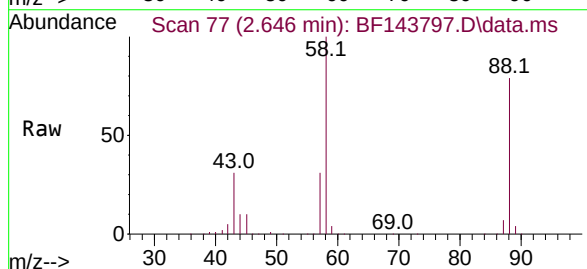
Manual Integrations
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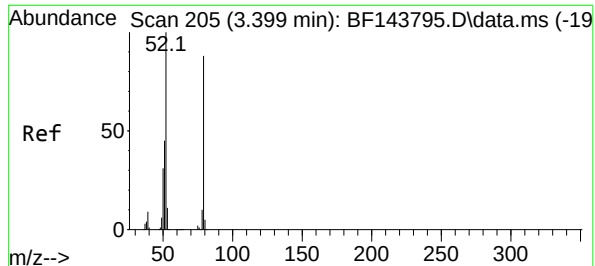
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 59.300 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

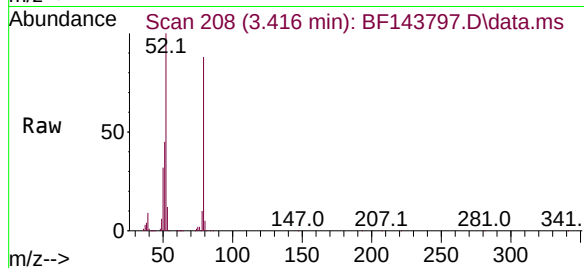
Tgt Ion: 88 Resp: 231372
Ion Ratio Lower Upper
88 100
58 126.7 99.4 149.2
43 39.3 30.6 45.8





#3
Pyridine
Concen: 60.455 ng
RT: 3.416 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

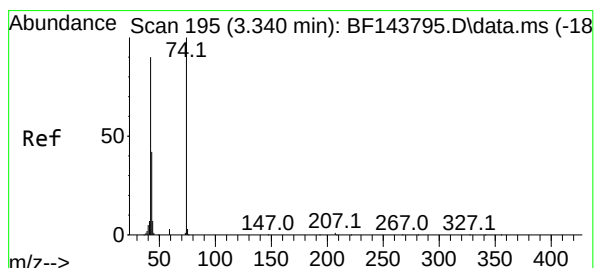
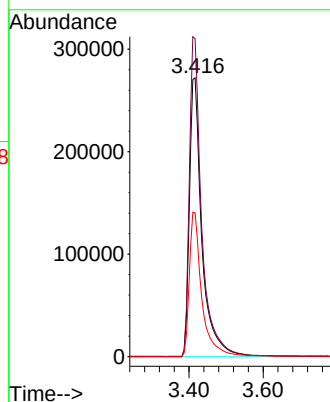
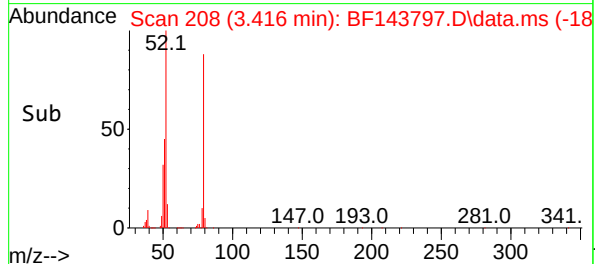
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 636709
Ion Ratio Lower Upper
79 100
52 114.1 90.5 135.7
51 51.6 40.6 61.0

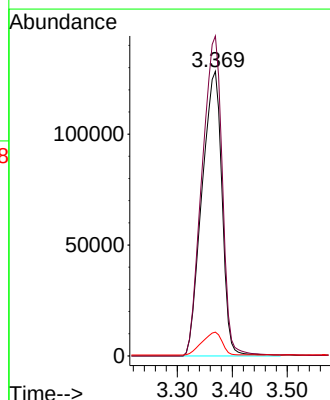
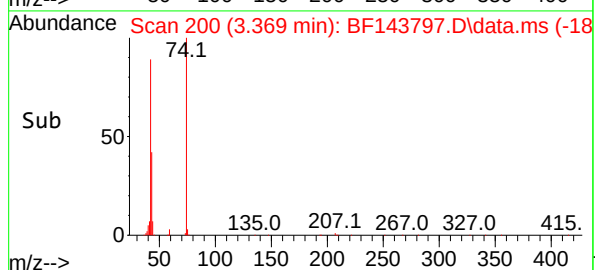
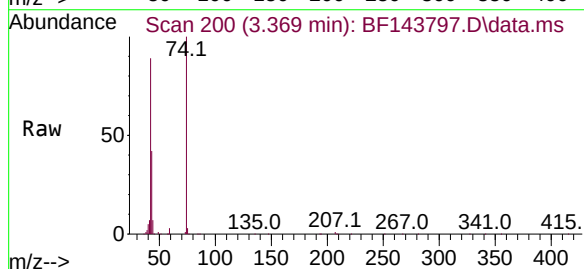
Manual Integrations
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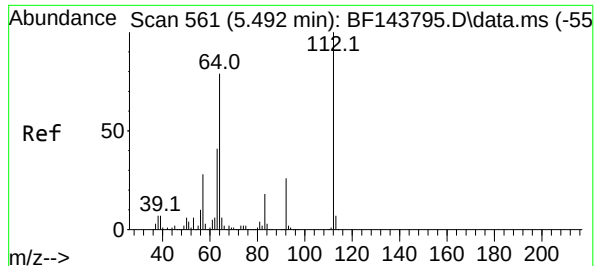
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 61.507 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 42 Resp: 324819
Ion Ratio Lower Upper
42 100
74 112.5 89.1 133.7
44 8.4 6.4 9.6





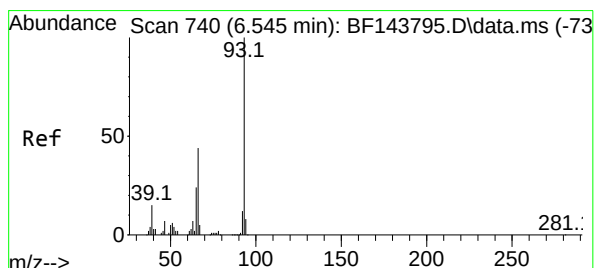
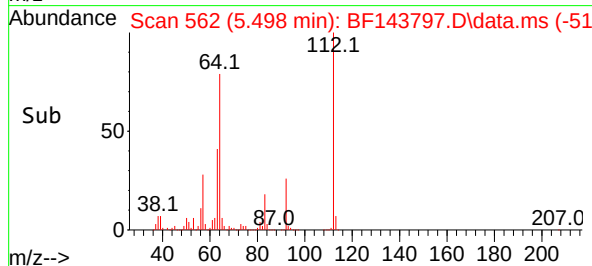
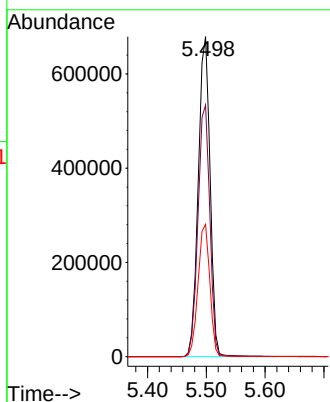
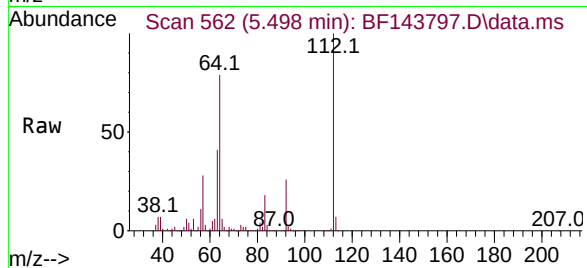
#5
2-Fluorophenol
Concen: 115.234 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 948307
Ion Ratio Lower Upper
112 100
64 78.7 63.0 94.4
63 41.3 32.6 49.0

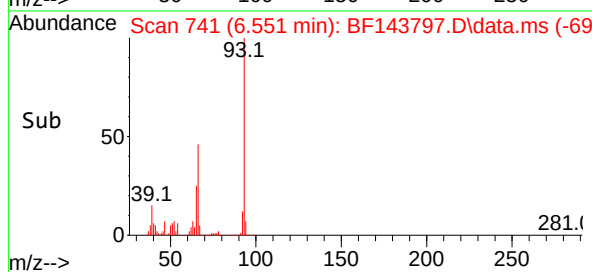
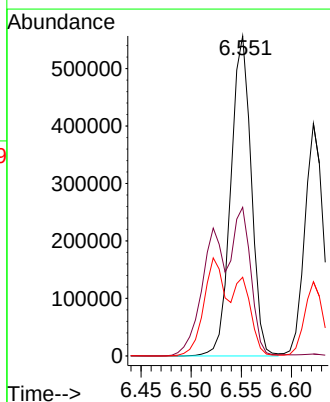
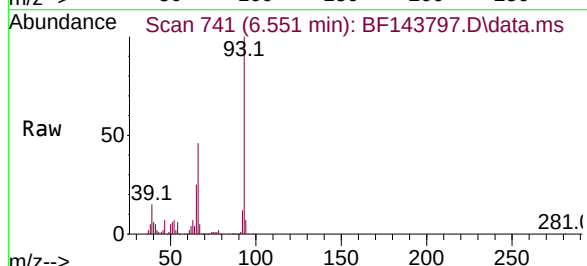
Manual Integrations
APPROVED

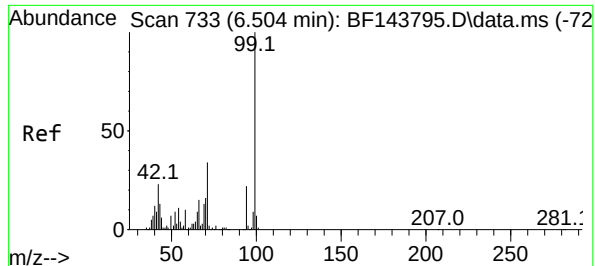
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 57.487 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

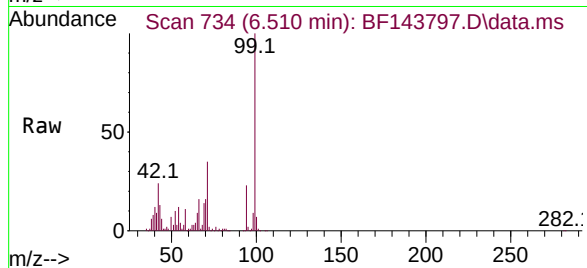
Tgt Ion: 93 Resp: 785861
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 24.6 19.4 29.0





#7
Phenol-d6
Concen: 112.196 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

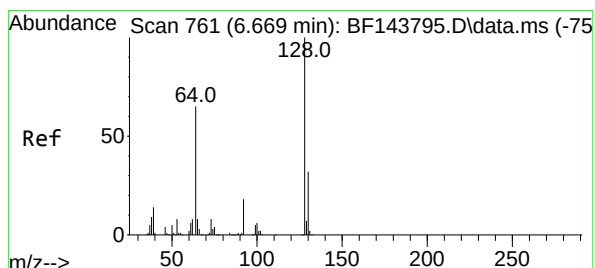
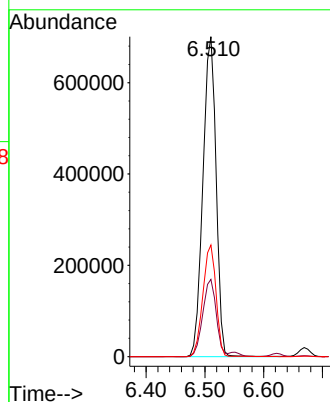
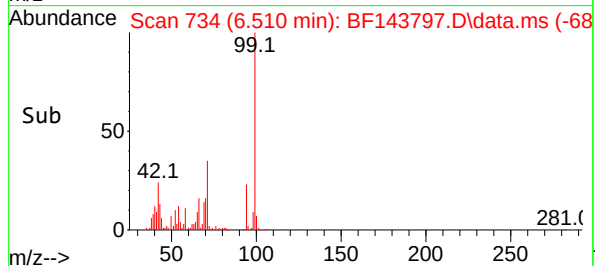
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 108957
Ion Ratio Lower Upper
99 100
42 24.1 18.6 28.0
71 34.9 27.0 40.4

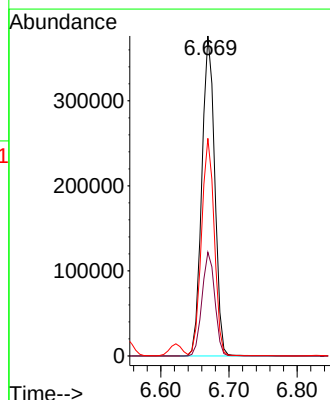
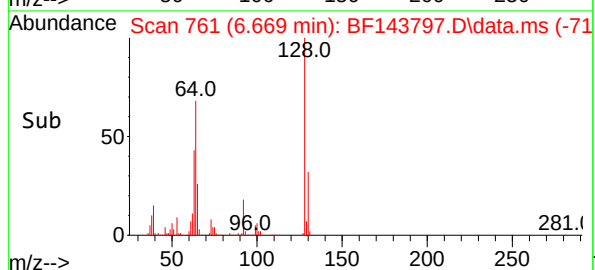
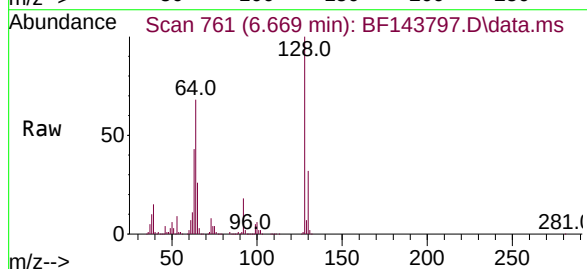
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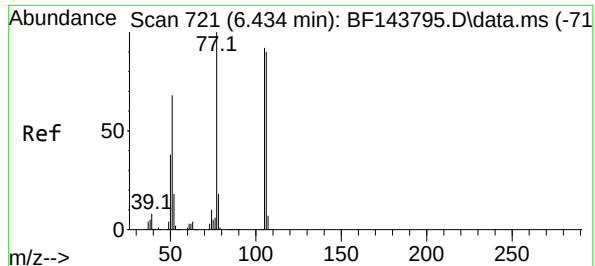
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 59.248 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:128 Resp: 494437
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 68.0 46.5 86.5





#9

Benzaldehyde

Concen: 74.093 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 611123

Ion Ratio Lower Upper

77 100

105 93.3 71.8 111.8

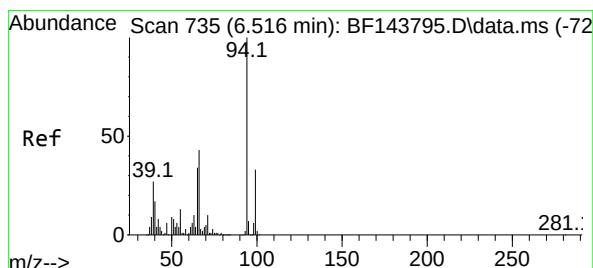
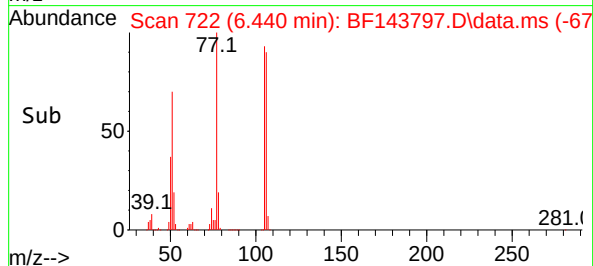
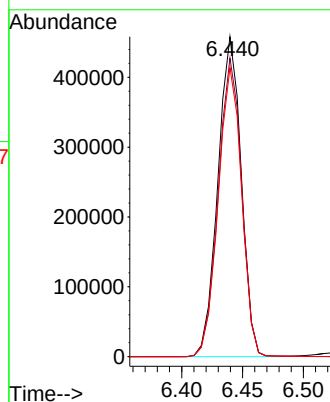
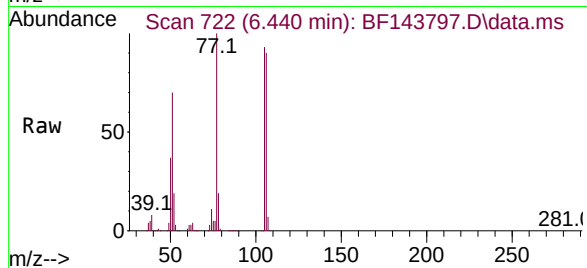
106 90.3 69.8 109.8

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 58.860 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

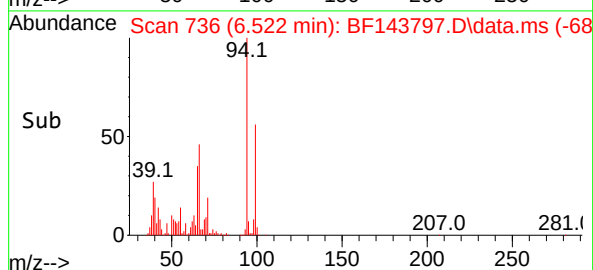
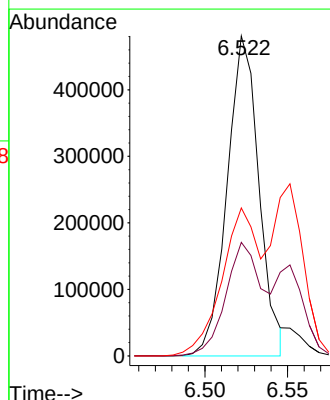
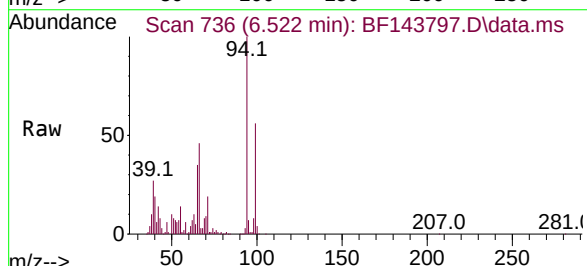
Tgt Ion: 94 Resp: 644396

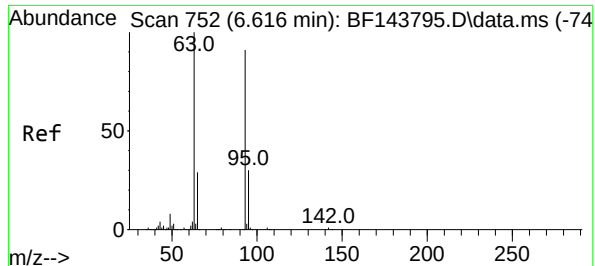
Ion Ratio Lower Upper

94 100

65 35.5 14.2 54.2

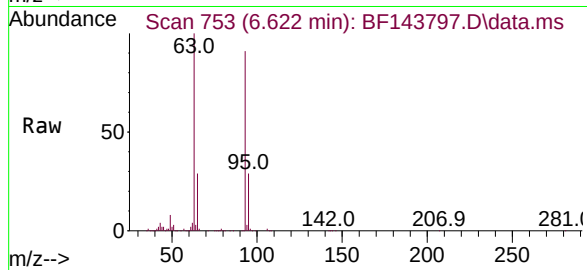
66 46.2 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 58.819 ng
RT: 6.622 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

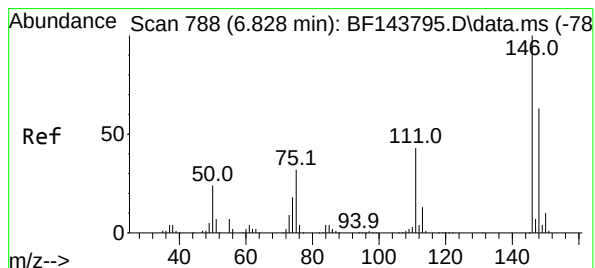
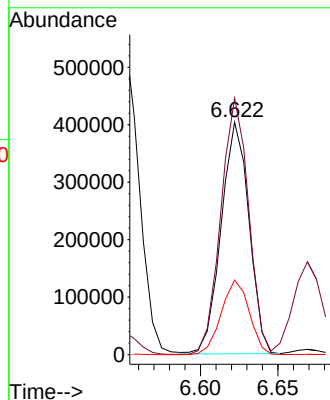
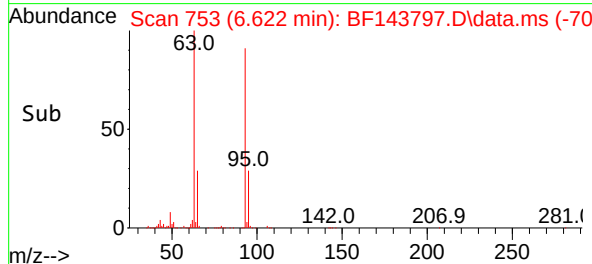
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 93 Resp: 504773
Ion Ratio Lower Upper
93 100
63 110.4 89.2 129.2
95 32.1 12.9 52.9

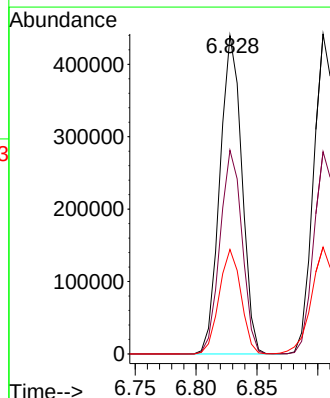
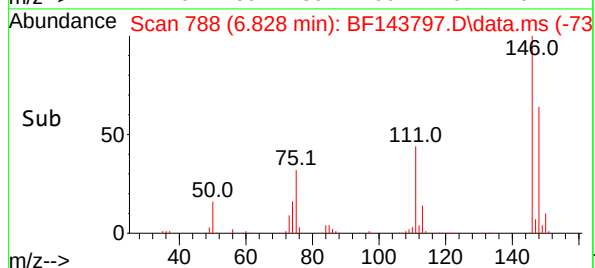
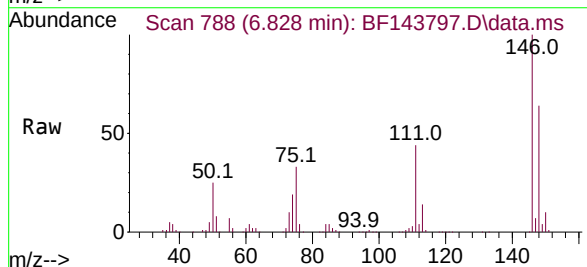
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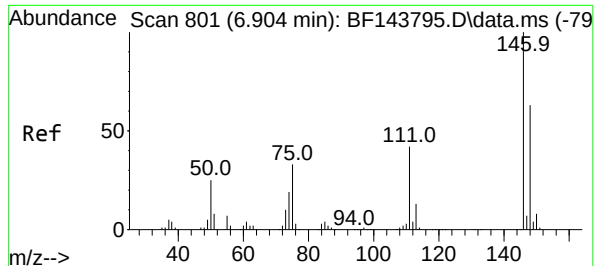
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#12
1,3-Dichlorobenzene
Concen: 56.789 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:146 Resp: 550246
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 32.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 56.685 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 54811

Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

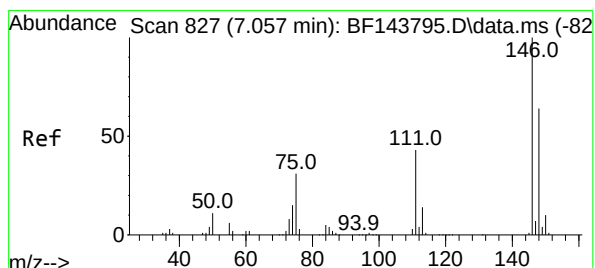
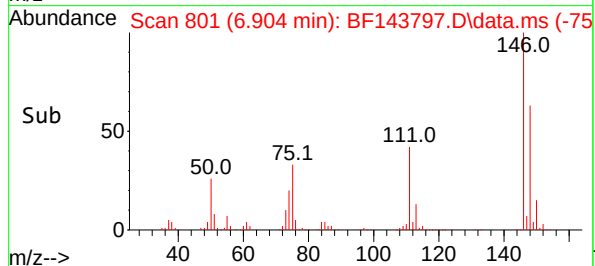
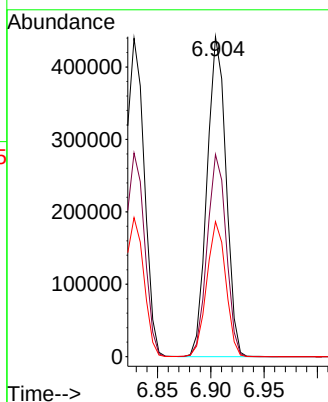
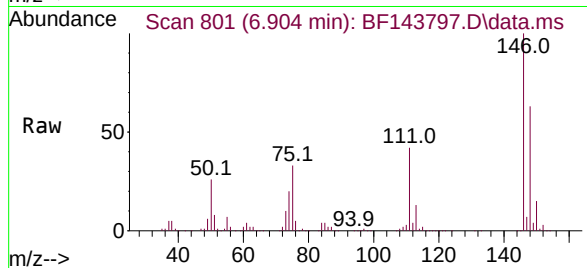
111 42.2 33.4 50.2

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Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 56.809 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

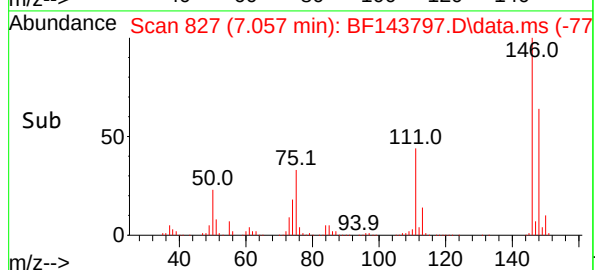
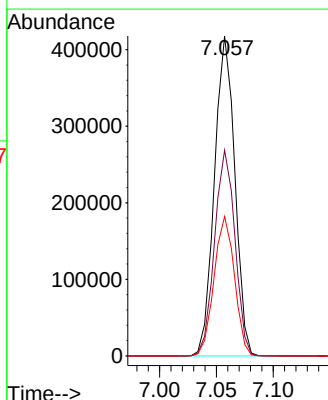
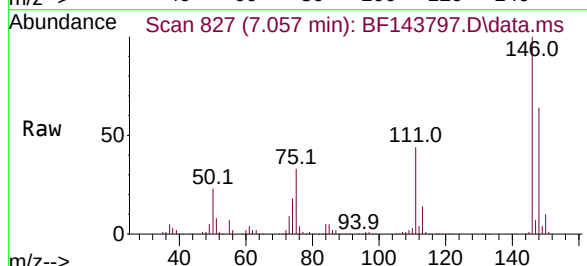
Tgt Ion:146 Resp: 520261

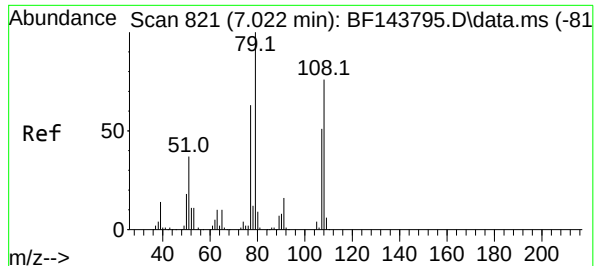
Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

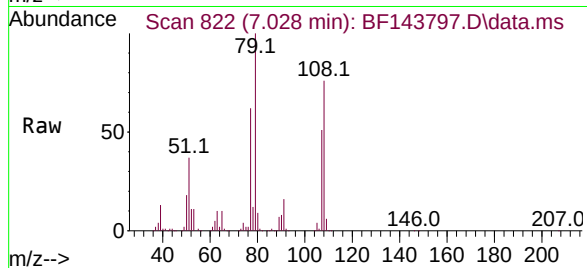
111 43.6 34.3 51.5





#15
Benzyl Alcohol
Concen: 60.843 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

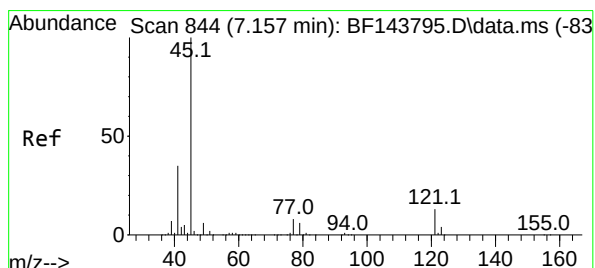
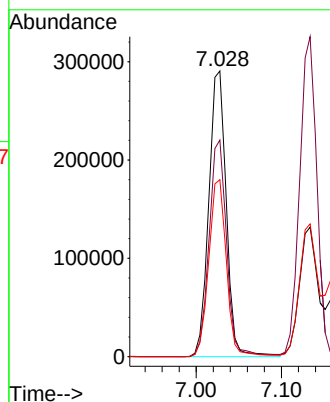
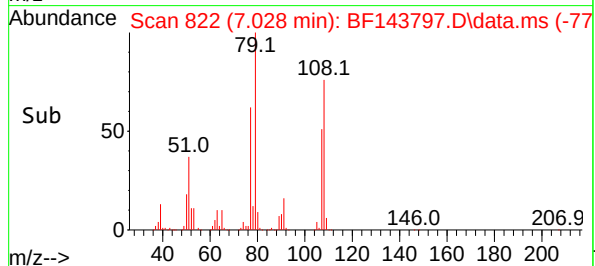
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 414075
Ion Ratio Lower Upper
79 100
108 75.8 60.5 90.7
77 61.9 50.3 75.5

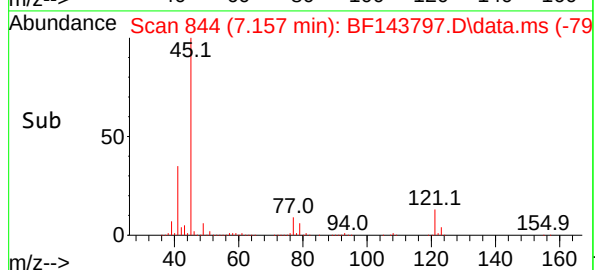
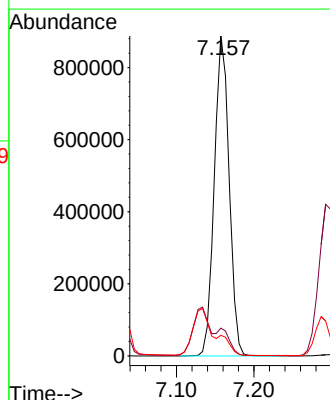
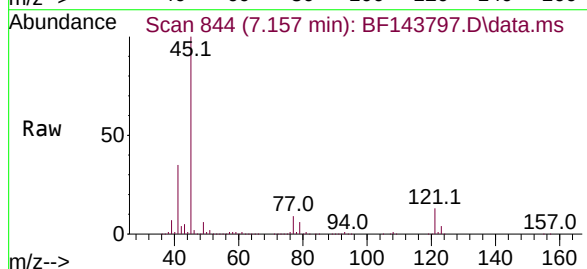
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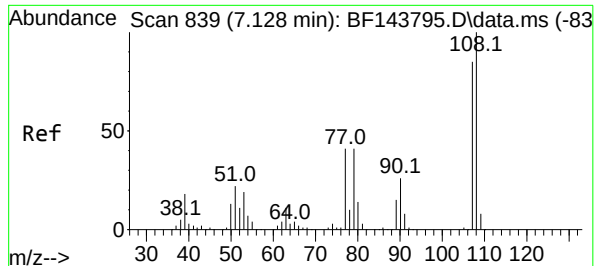
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.906 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 45 Resp: 1178357
Ion Ratio Lower Upper
45 100
77 8.7 0.0 28.5
79 6.4 0.0 26.3





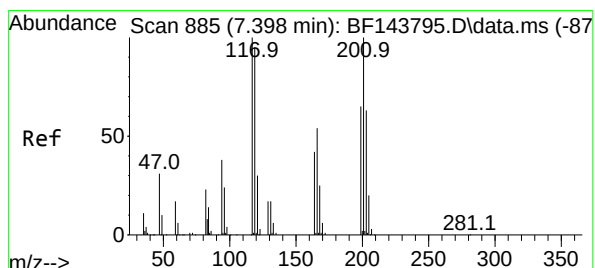
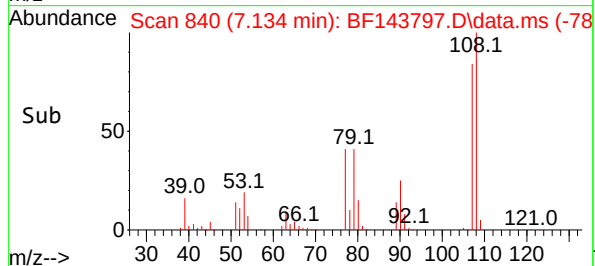
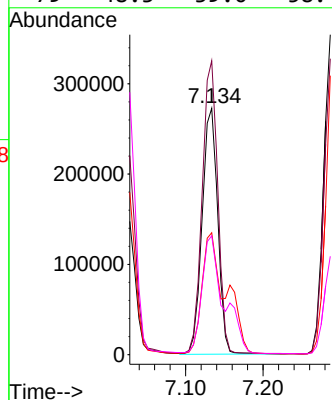
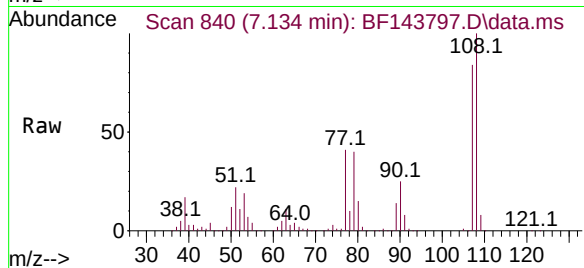
#17
2-Methylphenol
Concen: 58.990 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 381125
Ion Ratio Lower Upper
107 100
108 119.3 94.2 141.4
77 49.5 38.6 58.0
79 48.3 39.0 58.4

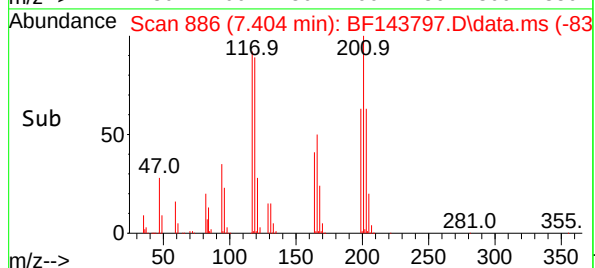
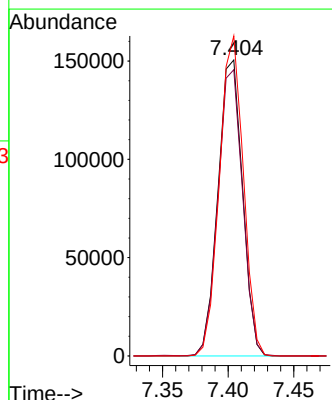
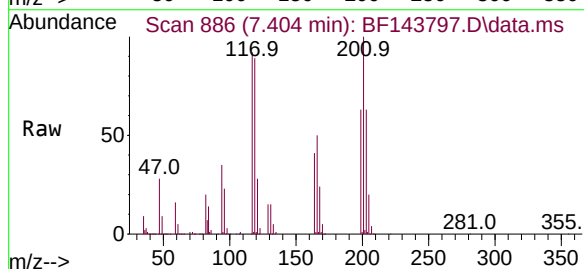
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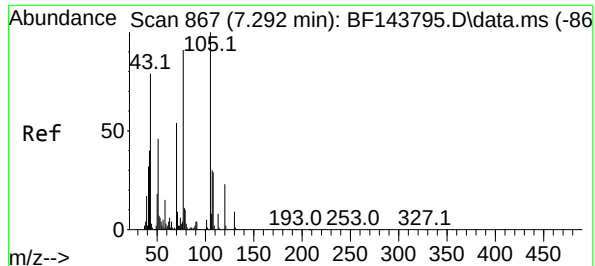
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#18
Hexachloroethane
Concen: 57.629 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:117 Resp: 195969
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
201 108.2 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 57.020 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 345358

Ion Ratio Lower Upper

70 100

42 74.0 59.4 89.0

101 8.6 7.1 10.7

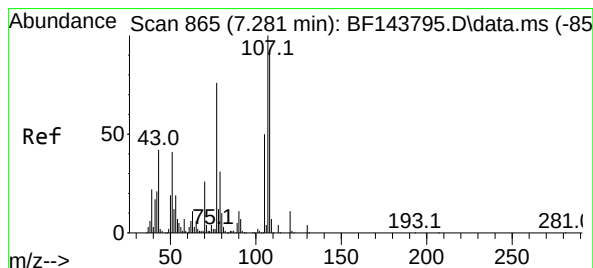
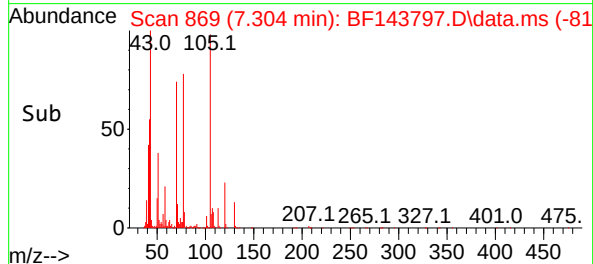
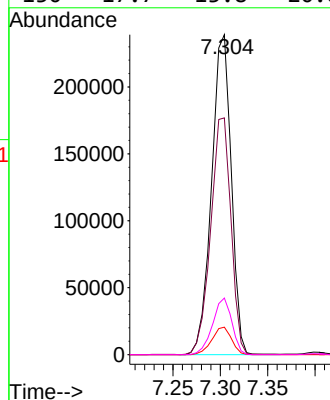
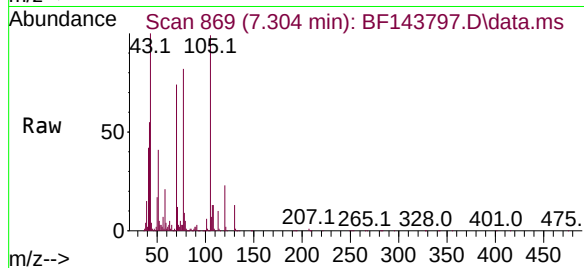
130 17.7 13.8 20.8

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 57.806 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 454811

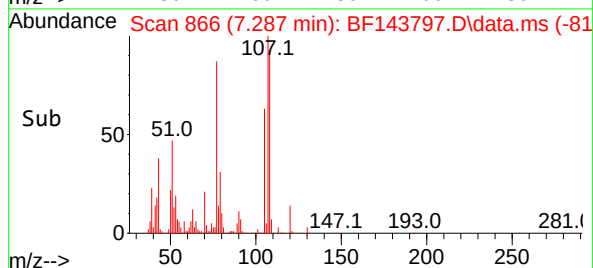
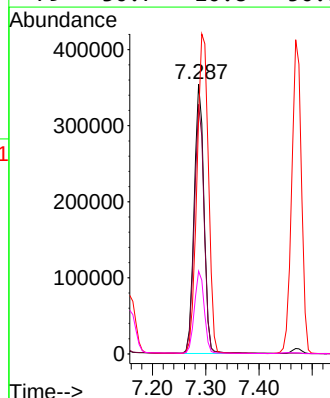
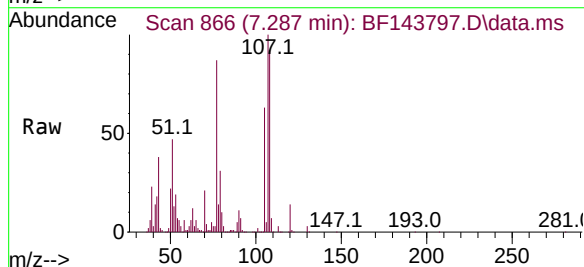
Ion Ratio Lower Upper

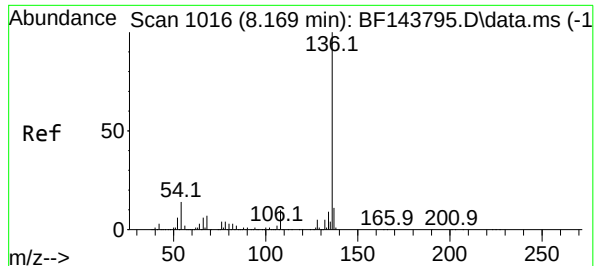
107 100

108 92.5 72.5 112.5

77 87.2 56.2 96.2

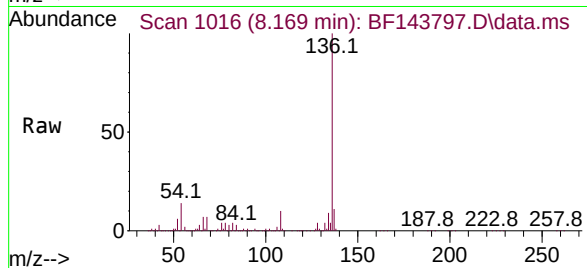
79 30.7 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

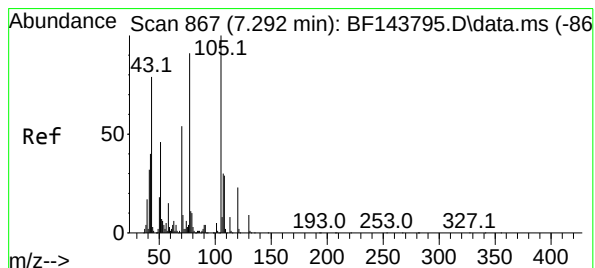
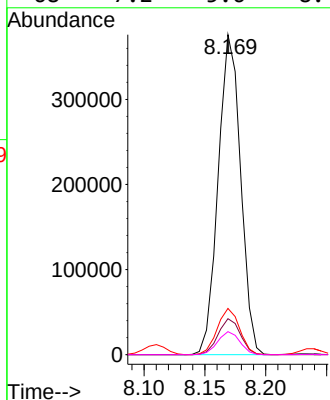
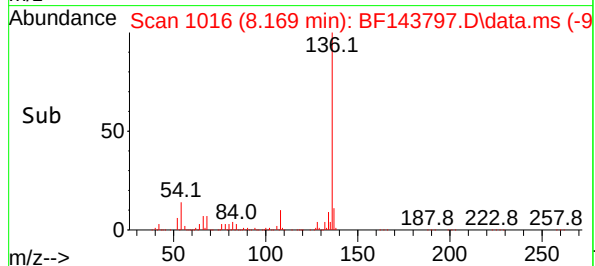
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 482940
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 14.4 11.2 16.8
68 7.2 5.6 8.4

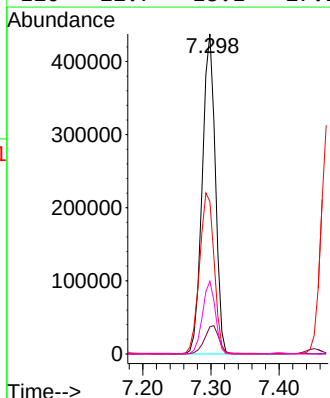
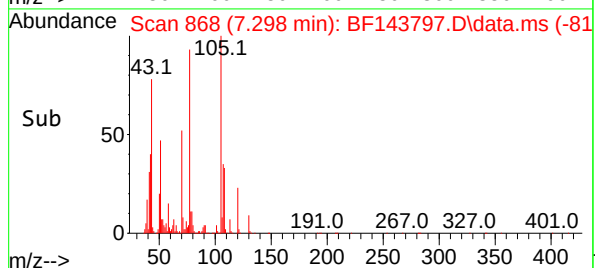
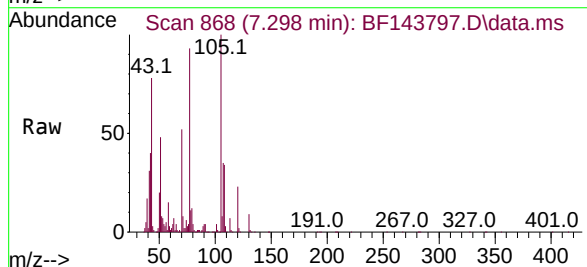
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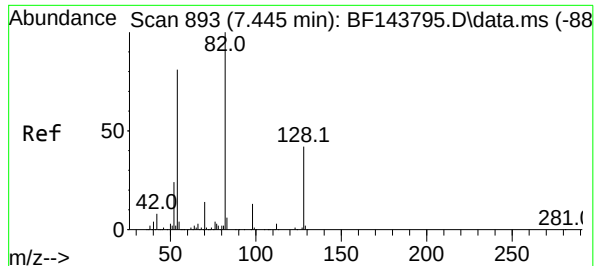
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 55.128 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

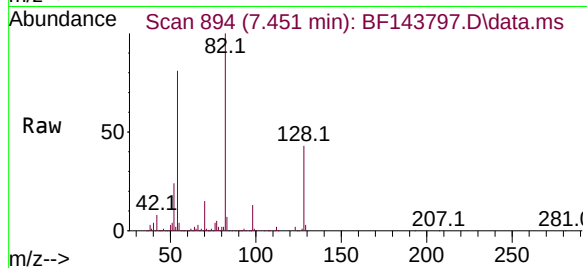
Tgt Ion:105 Resp: 584748
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.4
51 47.6 36.6 55.0
120 22.7 18.1 27.1





#23
Nitrobenzene-d5
Concen: 124.628 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

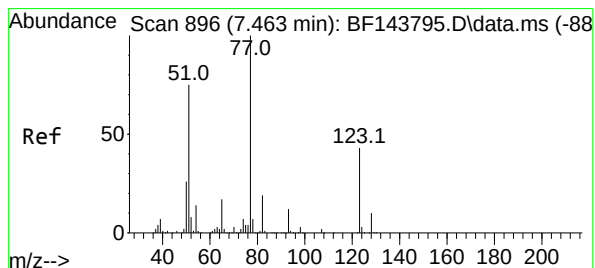
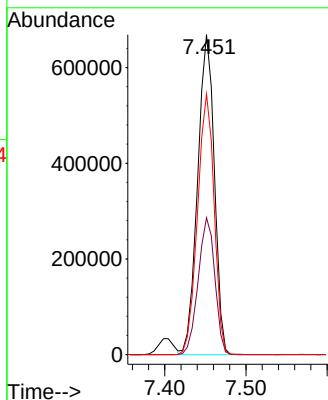
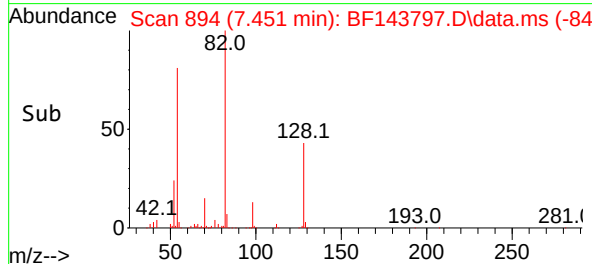
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



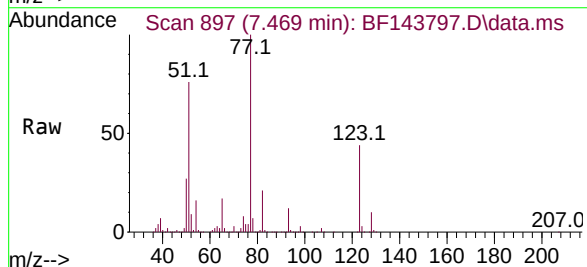
Tgt Ion: 82 Resp: 956391
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 81.4 64.2 96.4

Manual Integrations
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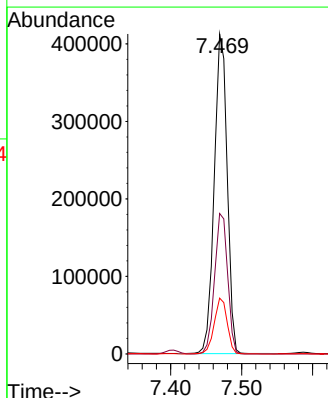
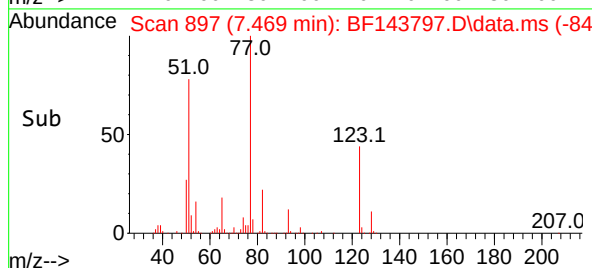
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

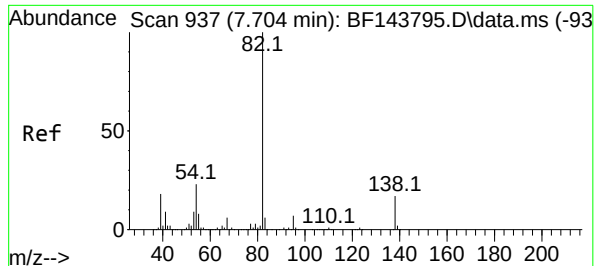


#24
Nitrobenzene
Concen: 59.844 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



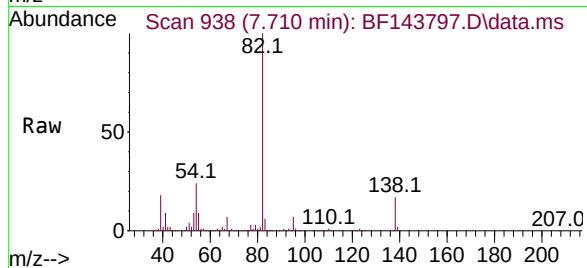
Tgt Ion: 77 Resp: 523344
Ion Ratio Lower Upper
77 100
123 43.9 34.0 51.0
65 17.4 13.5 20.3





#25
Isophorone
Concen: 59.707 ng
RT: 7.710 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

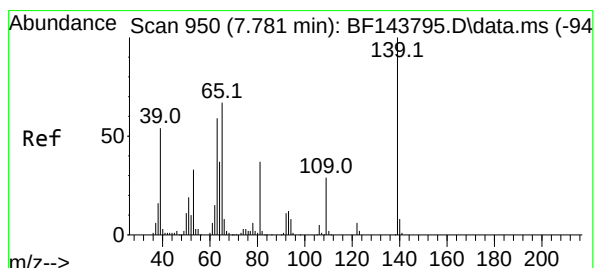
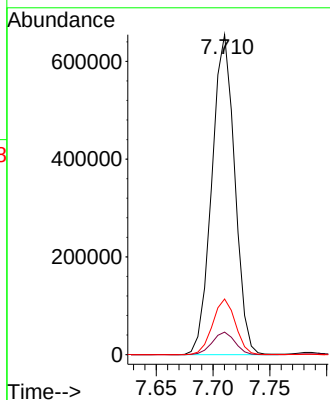
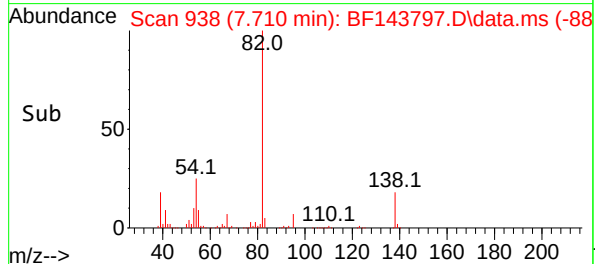
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



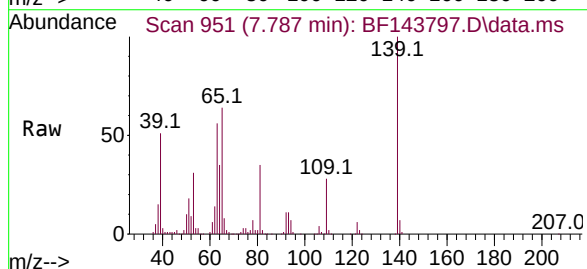
Tgt Ion: 82 Resp: 917958
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.4 13.7 20.5

Manual Integrations
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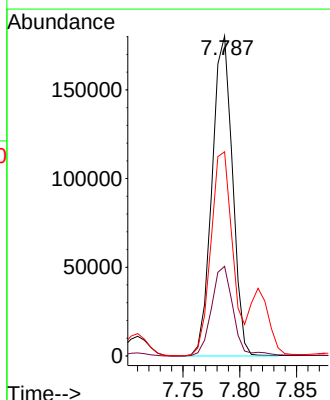
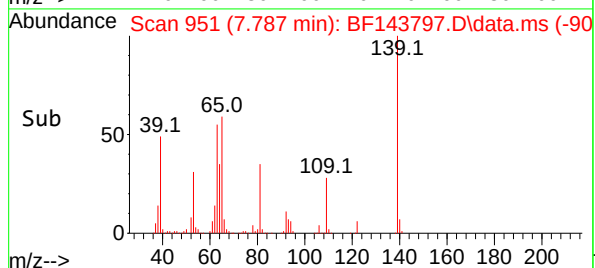
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

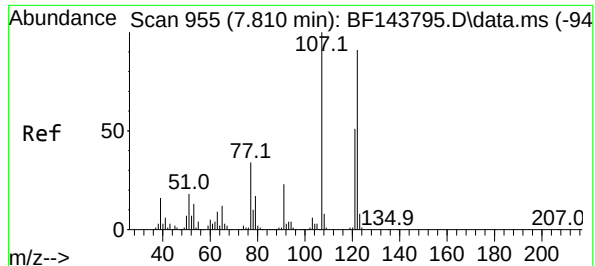


#26
2-Nitrophenol
Concen: 62.050 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.001 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:139 Resp: 225802
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 63.8 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 60.209 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

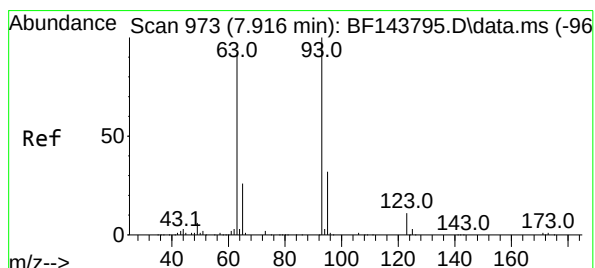
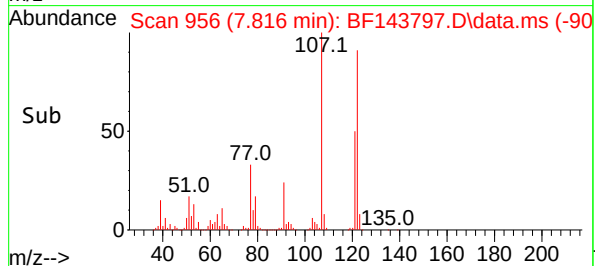
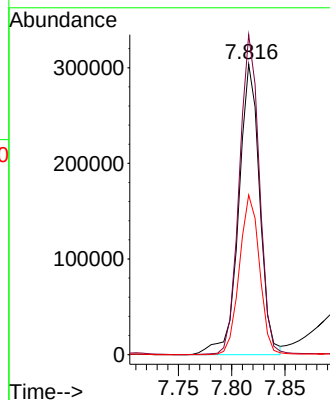
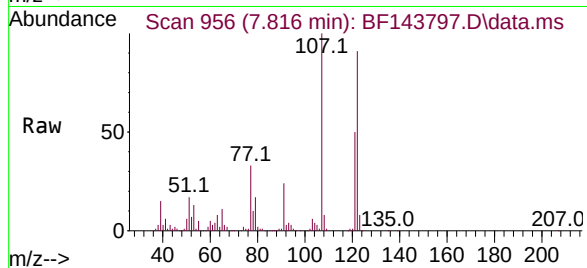
Tgt Ion	122	Resp	413744
Ion	Ratio	Lower	Upper
122	100		
107	110.2	87.5	131.3
121	55.0	44.2	66.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 56.813 ng

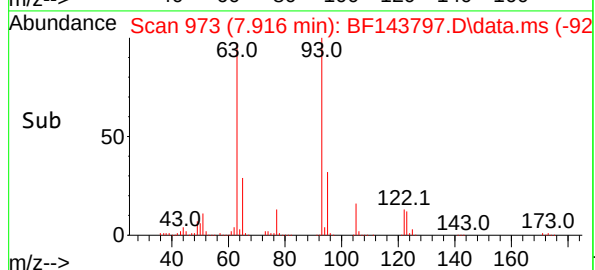
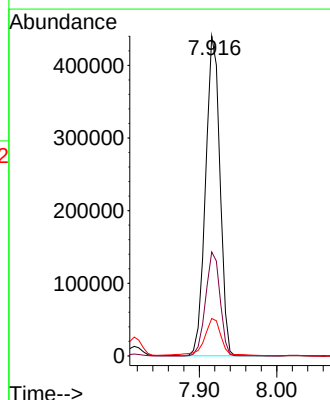
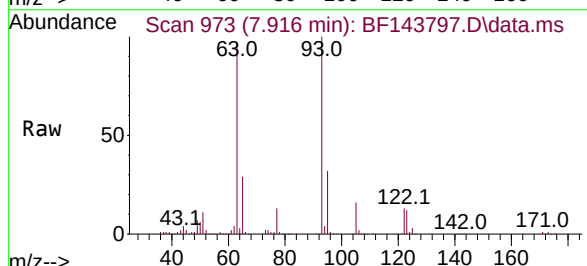
RT: 7.916 min Scan# 973

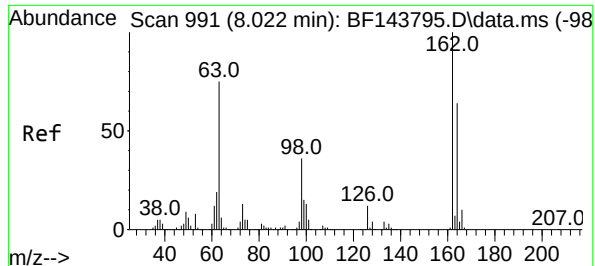
Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion	93	Resp	567489
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.8
123	11.7	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 59.550 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 402655

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

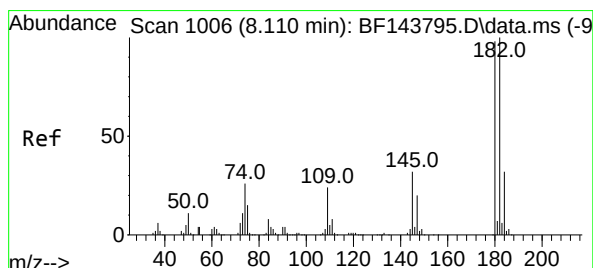
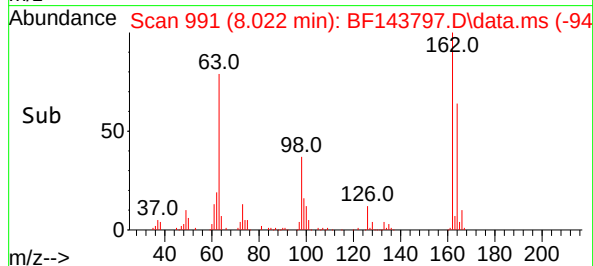
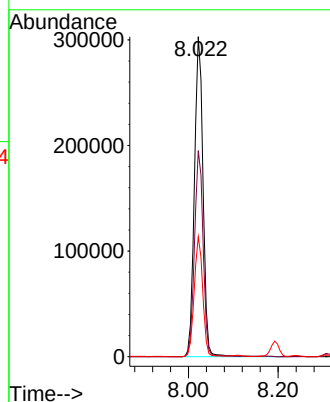
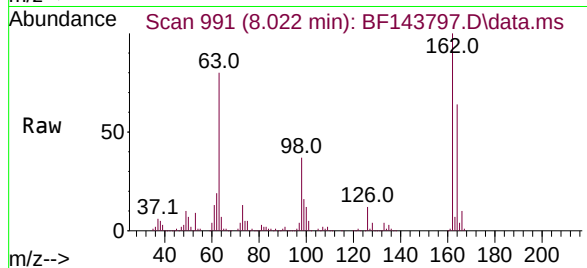
98 37.4 15.8 55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 57.579 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

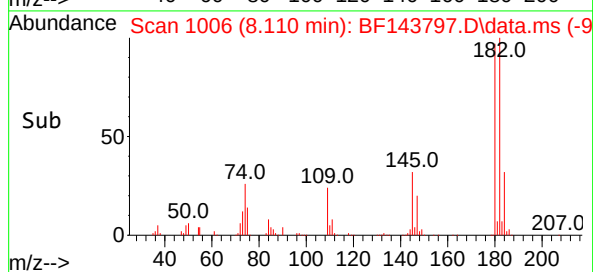
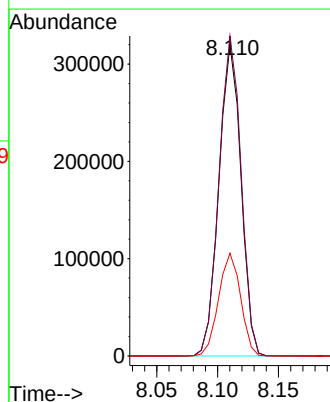
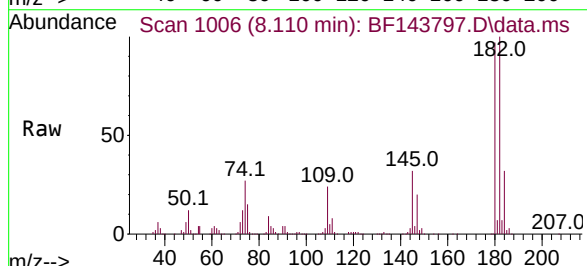
Tgt Ion:180 Resp: 404040

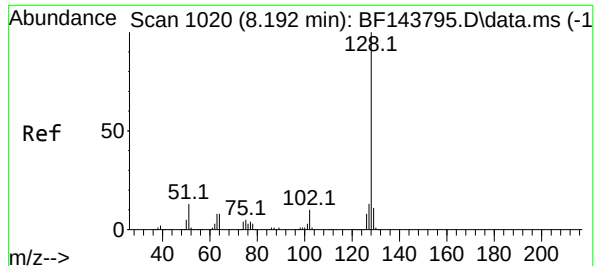
Ion Ratio Lower Upper

180 100

182 102.7 82.0 123.0

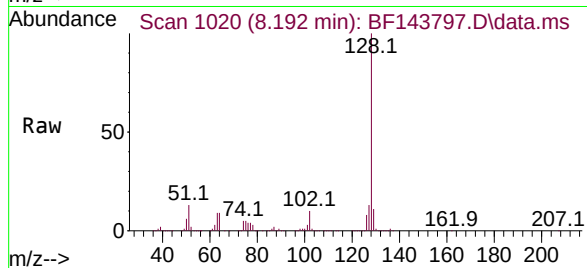
145 33.0 25.9 38.9





#31
Naphthalene
Concen: 55.678 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

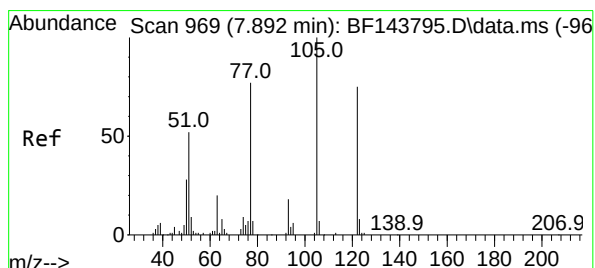
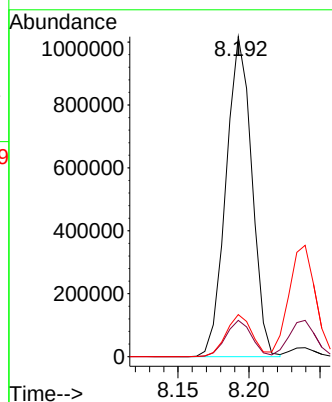
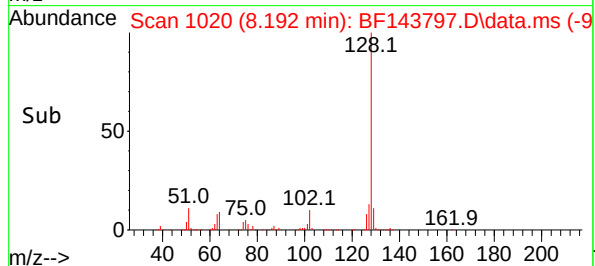
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1287223
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.1 10.2 15.4

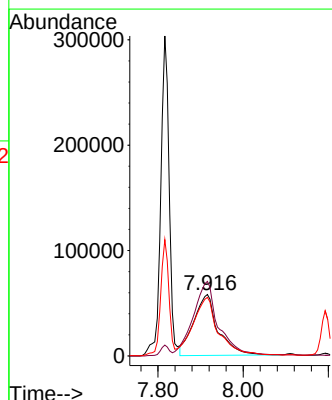
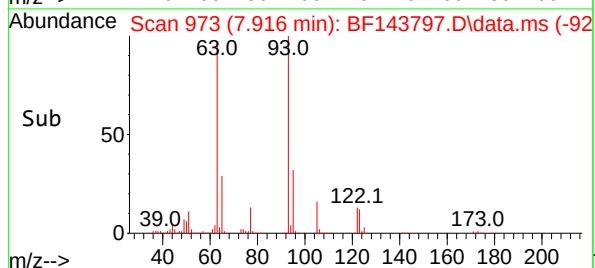
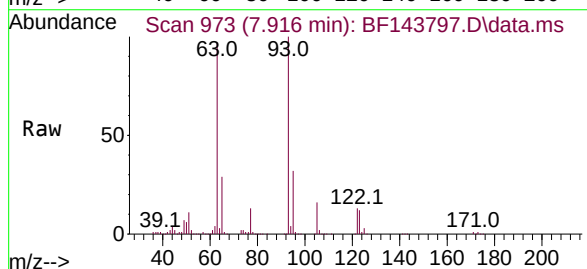
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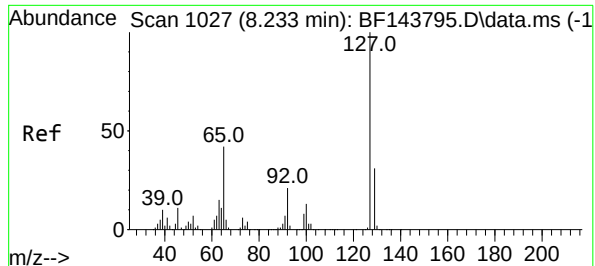
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 69.608 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

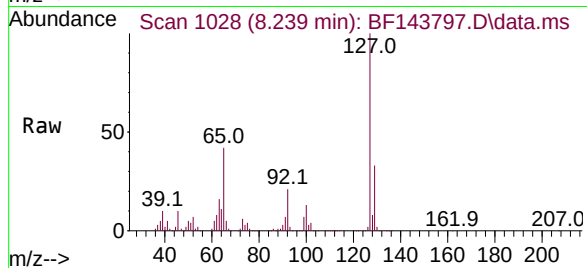
Tgt Ion:122 Resp: 230784
Ion Ratio Lower Upper
122 100
105 121.3 103.7 143.7
77 95.3 78.8 118.8





#33
4-Chloroaniline
Concen: 57.512 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

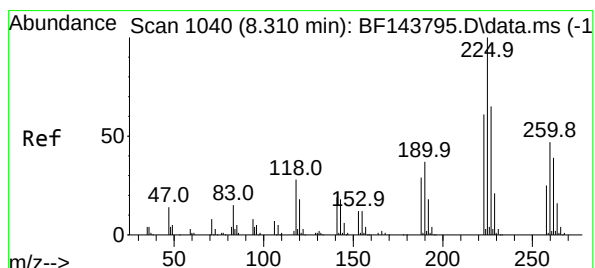
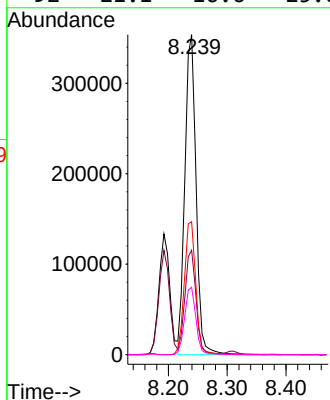
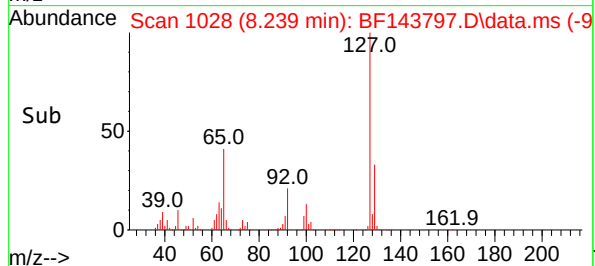
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 467252
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 41.5 33.4 50.2
92 21.1 16.6 25.0

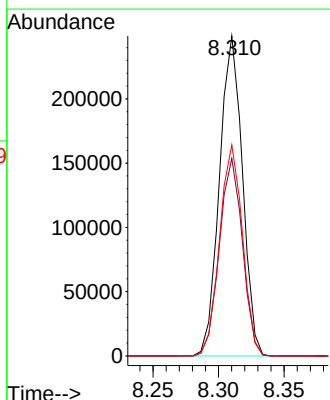
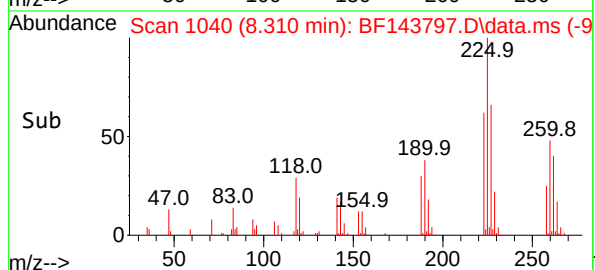
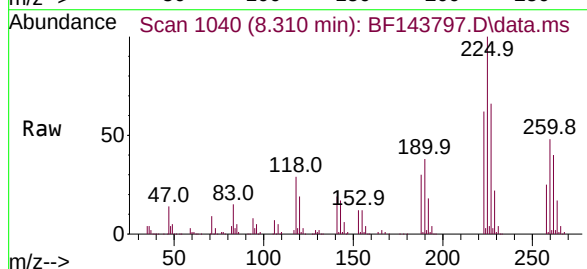
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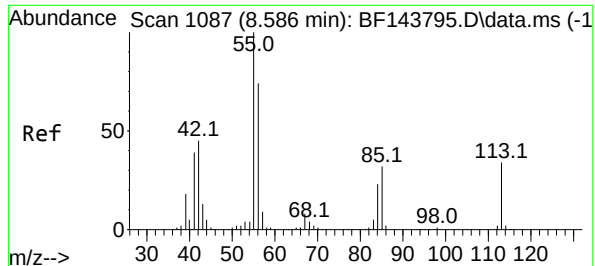
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 58.093 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:225 Resp: 303886
Ion Ratio Lower Upper
225 100
223 61.7 48.6 72.8
227 65.9 51.9 77.9





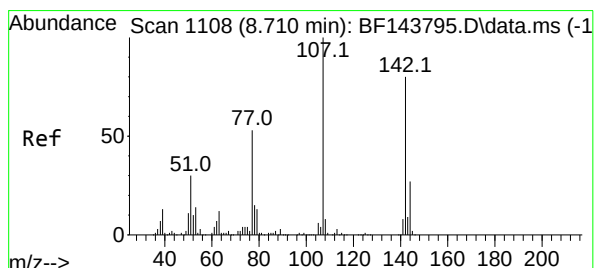
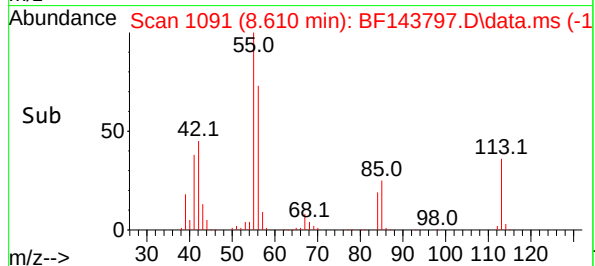
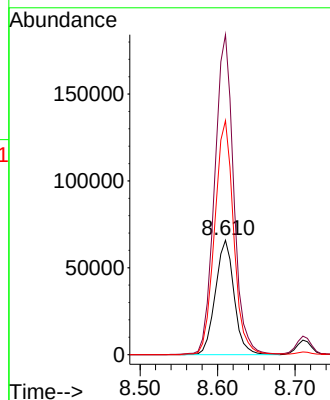
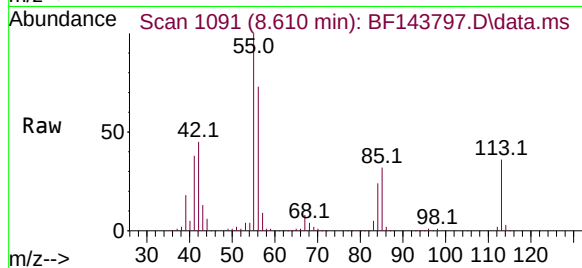
#35
 Caprolactam
 Concen: 63.887 ng
 RT: 8.610 min Scan# 1087
 Delta R.T. 0.000 min
 Lab File: BF143797.D
 Acq: 23 Sep 2025 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:113 Resp: 110413
 Ion Ratio Lower Upper
 113 100
 55 279.9 271.7 311.7
 56 204.7 194.5 234.5

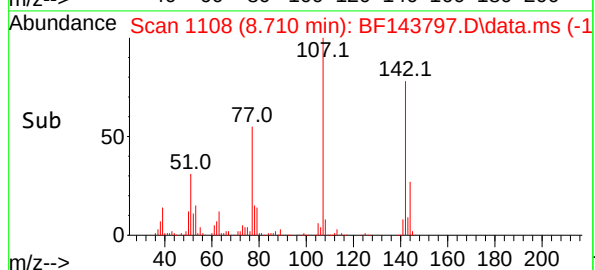
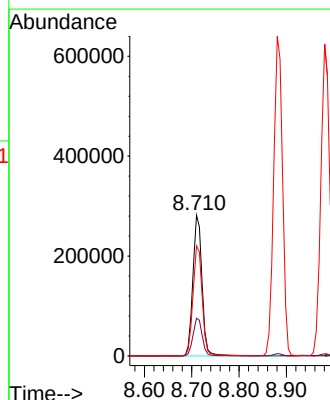
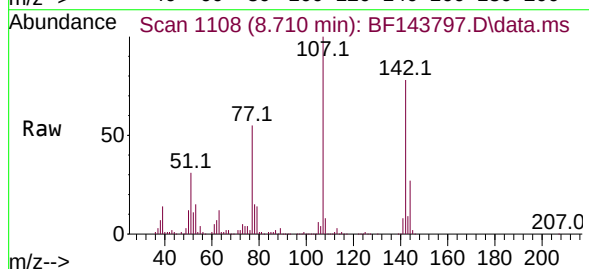
Manual Integrations
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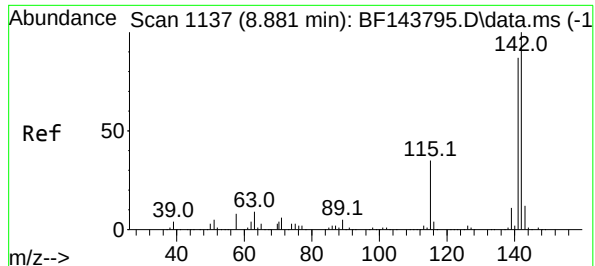
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025



#36
 4-Chloro-3-methylphenol
 Concen: 59.859 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143797.D
 Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 379597
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.8 32.8
 142 78.1 63.6 95.4





#37

2-Methylnaphthalene

Concen: 56.174 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 828108

Ion Ratio Lower Upper

142 100

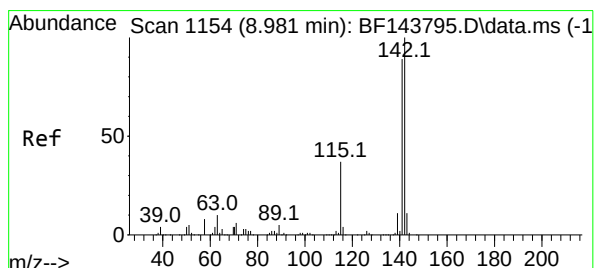
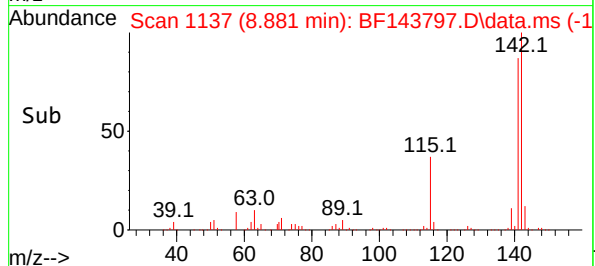
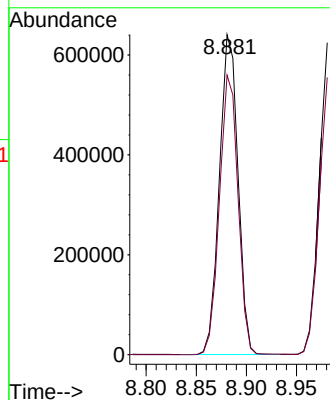
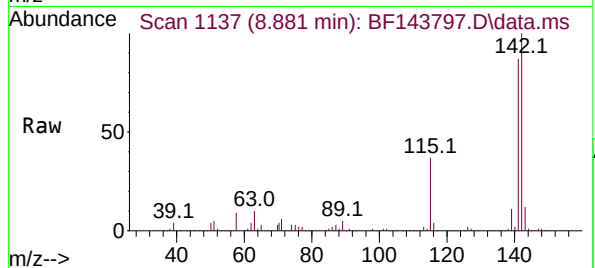
141 87.3 69.4 104.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 56.428 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143797.D

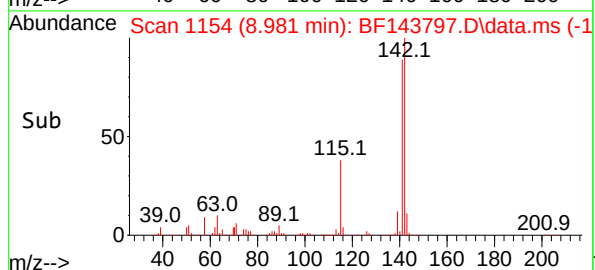
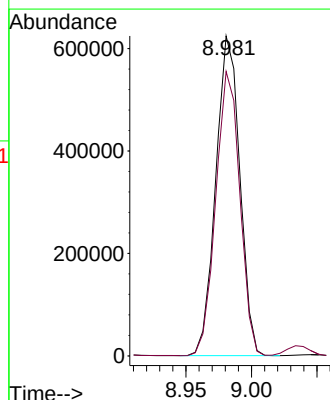
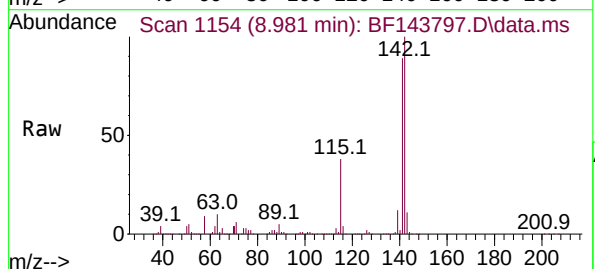
Acq: 23 Sep 2025 14:58

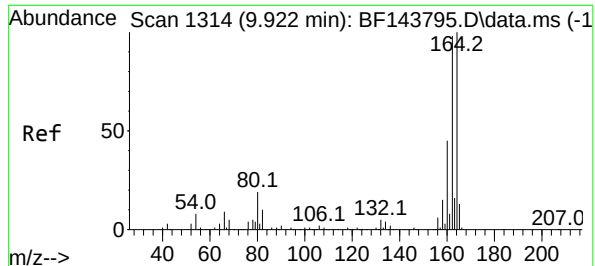
Tgt Ion:142 Resp: 796215

Ion Ratio Lower Upper

142 100

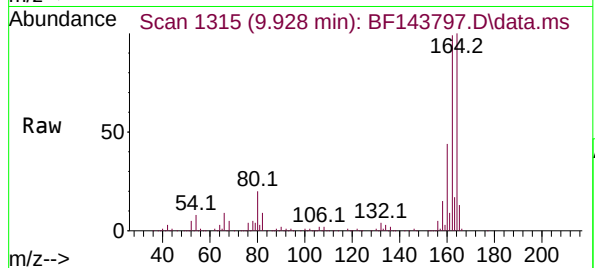
141 88.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

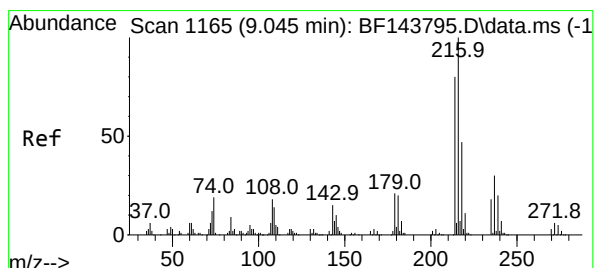
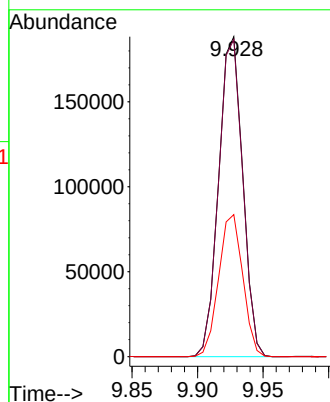
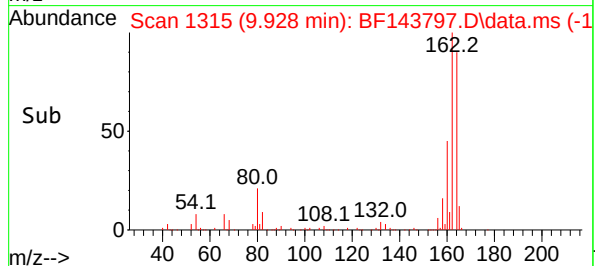
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 240564
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 44.4 35.8 53.6

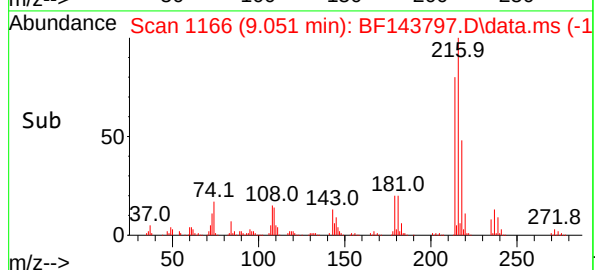
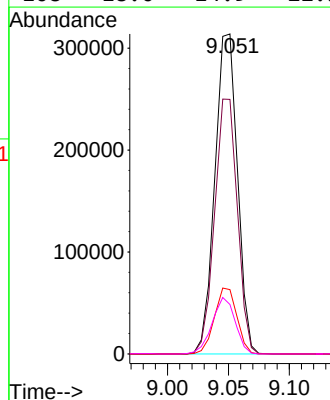
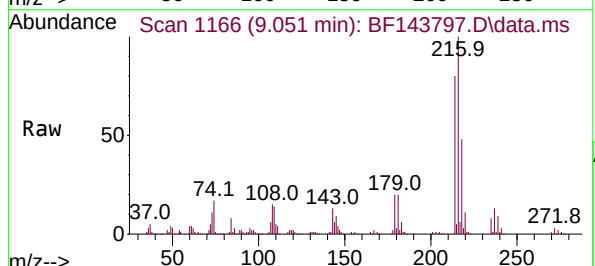
Manual Integrations
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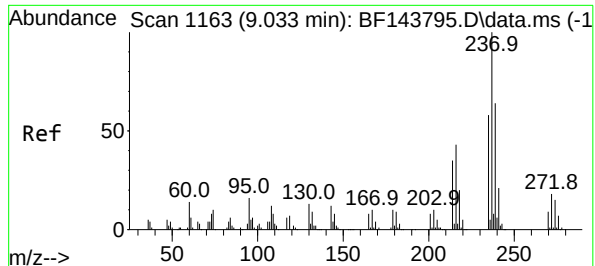
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.860 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

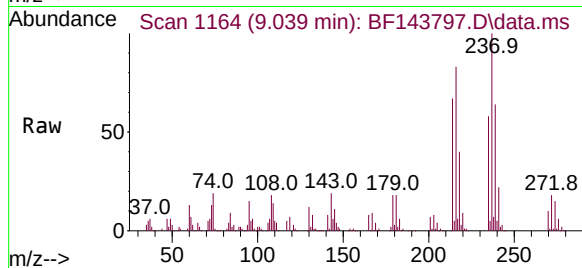
Tgt Ion:216 Resp: 405534
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 20.4 16.5 24.7
108 18.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 62.918 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

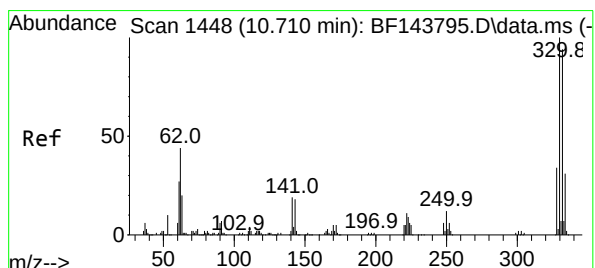
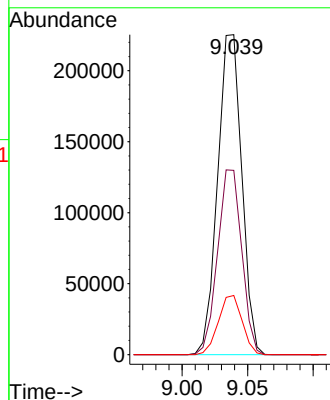
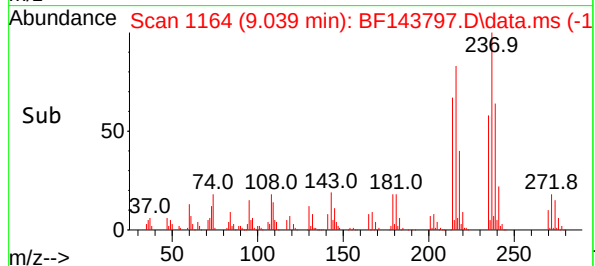
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



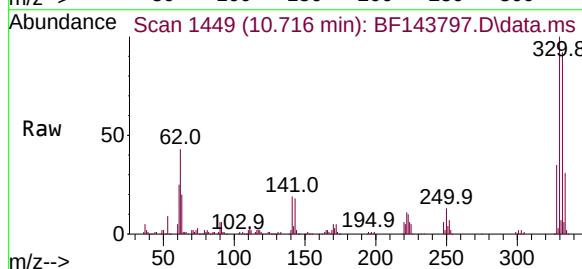
Tgt Ion:237 Resp: 289489
Ion Ratio Lower Upper
237 100
235 57.6 38.1 78.1
272 18.5 0.0 37.9

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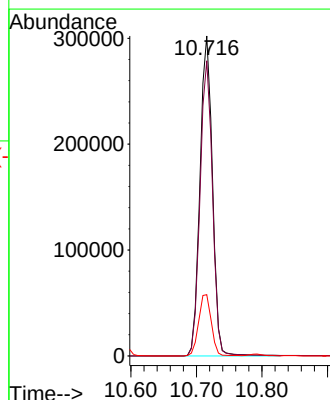
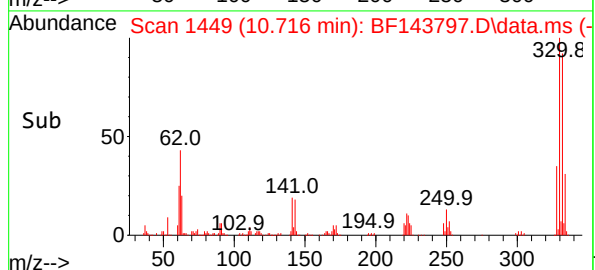
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

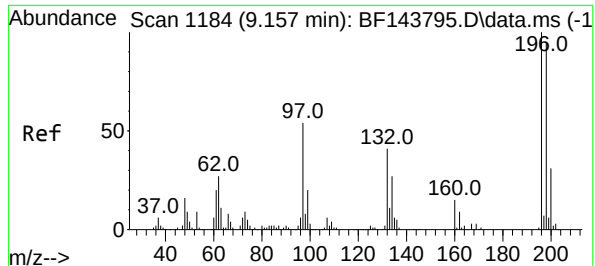


#42
2,4,6-Tribromophenol
Concen: 115.480 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:330 Resp: 396463
Ion Ratio Lower Upper
330 100
332 92.7 74.7 112.1
141 19.5 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 62.219 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143797.D

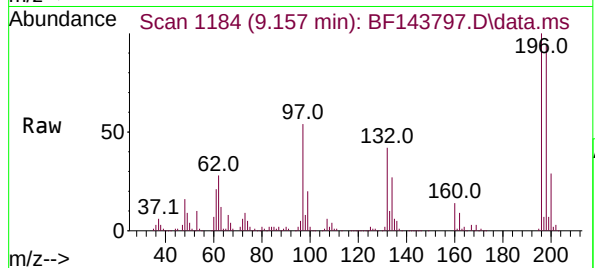
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 282839

Ion Ratio Lower Upper

196 100

198 94.3 76.2 114.2

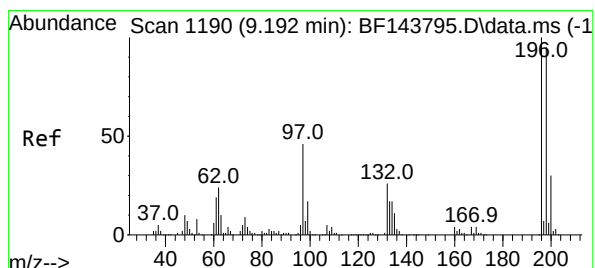
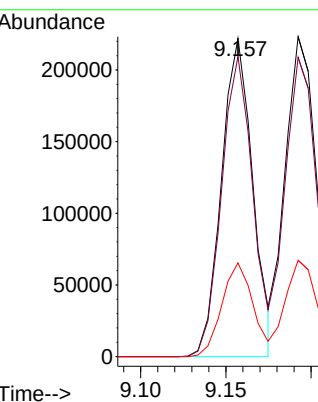
200 29.4 24.7 37.1

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Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

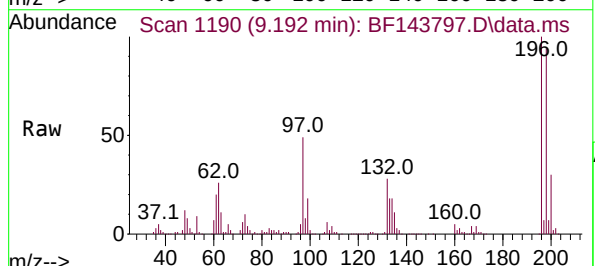
Concen: 60.982 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



Tgt Ion:196 Resp: 289963

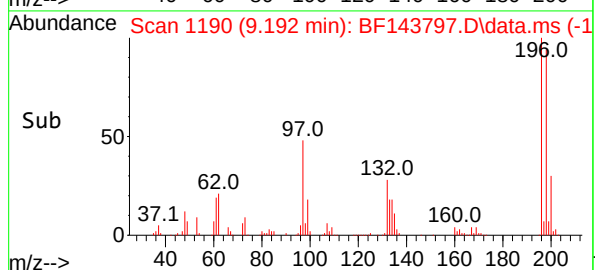
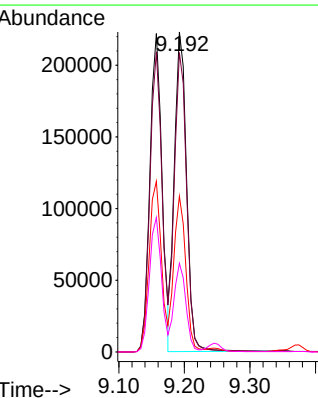
Ion Ratio Lower Upper

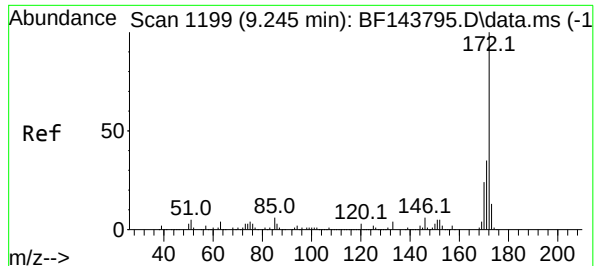
196 100

198 93.6 75.9 113.9

97 48.6 38.3 57.5

132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 102.249 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143797.D

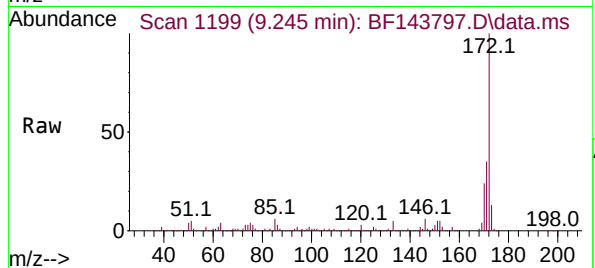
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:172 Resp: 1664507

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

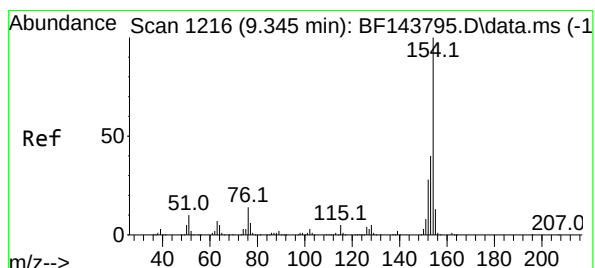
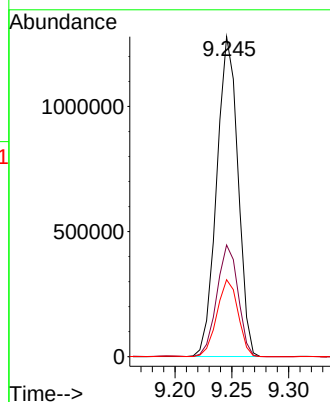
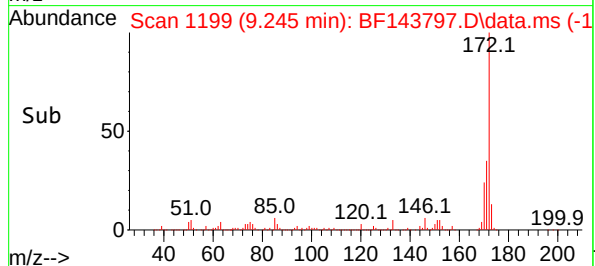
170 24.0 19.1 28.7

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

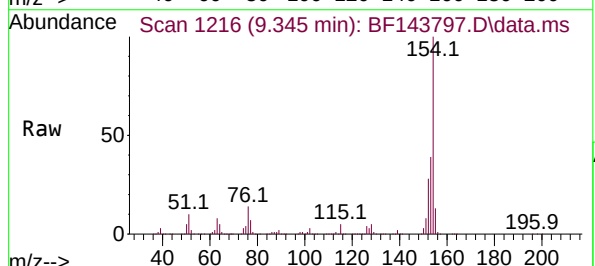
Concen: 54.963 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



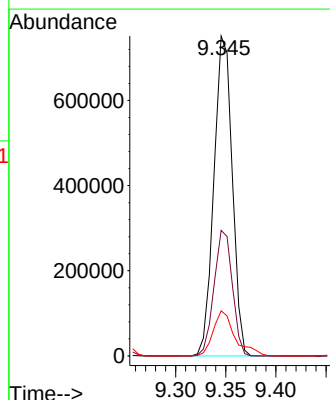
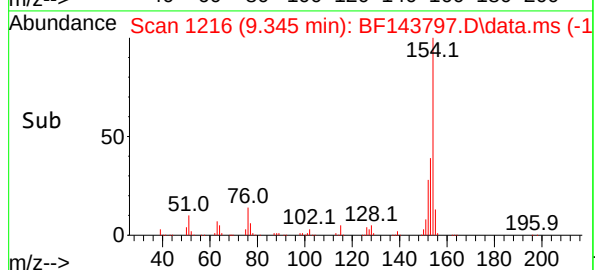
Tgt Ion:154 Resp: 957109

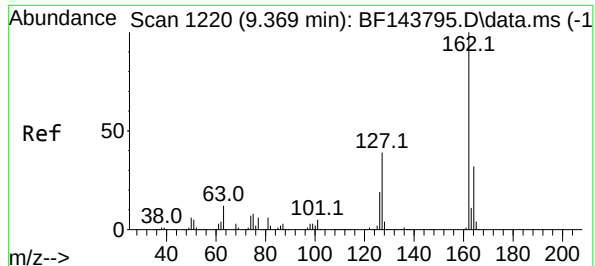
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 14.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 55.605 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143797.D

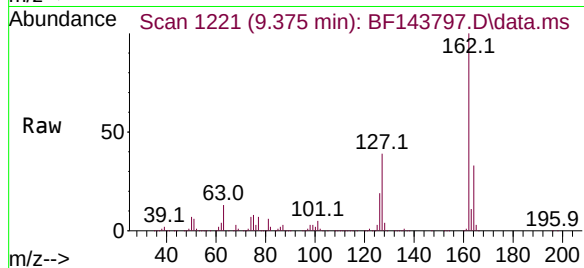
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 779426

Ion Ratio Lower Upper

162 100

127 39.0 31.5 47.3

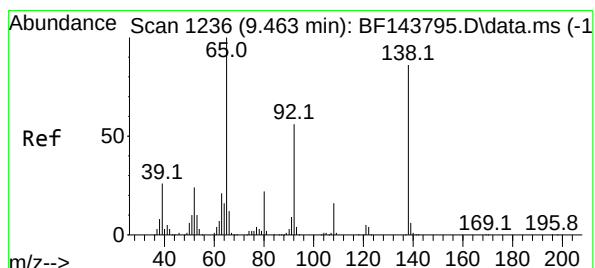
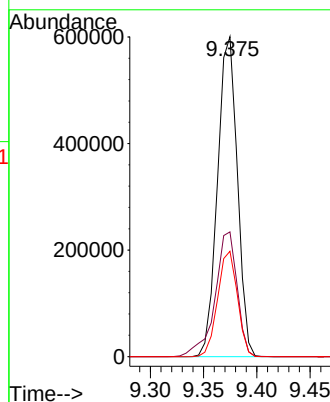
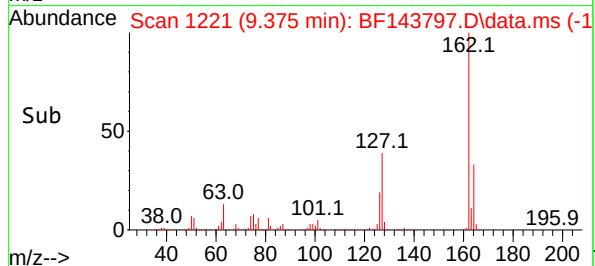
164 32.9 25.9 38.9

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

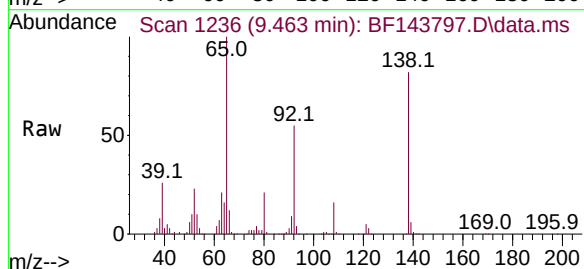
Concen: 68.075 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



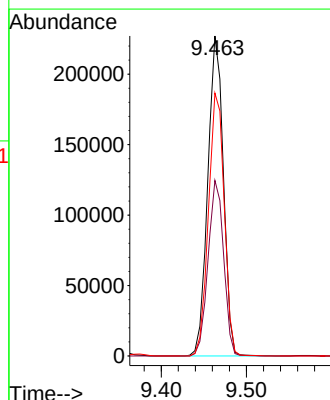
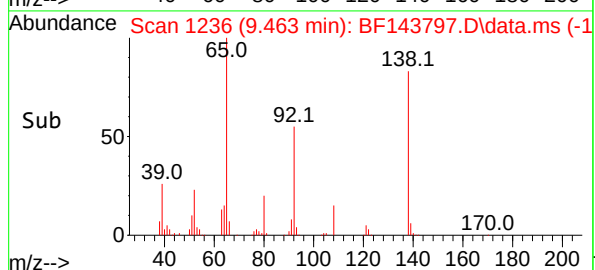
Tgt Ion: 65 Resp: 288403

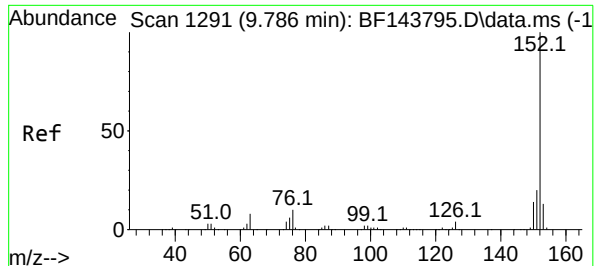
Ion Ratio Lower Upper

65 100

92 54.8 44.9 67.3

138 82.1 69.0 103.4





#49

Acenaphthylene

Concen: 56.581 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143797.D

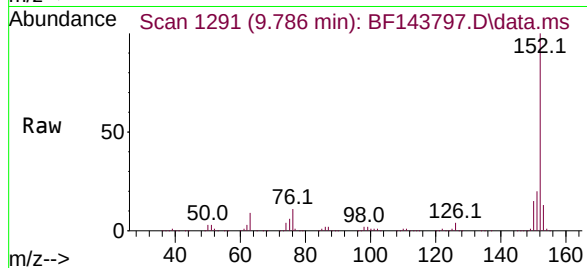
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 1091835

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

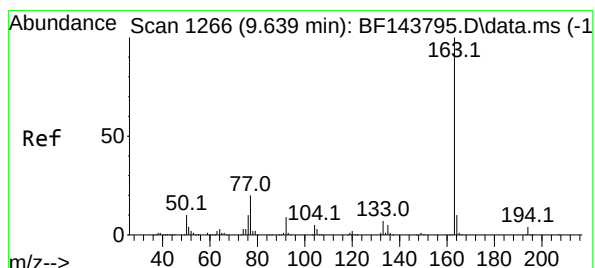
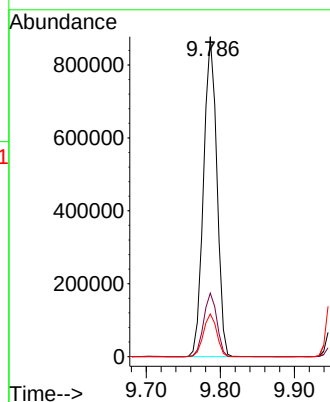
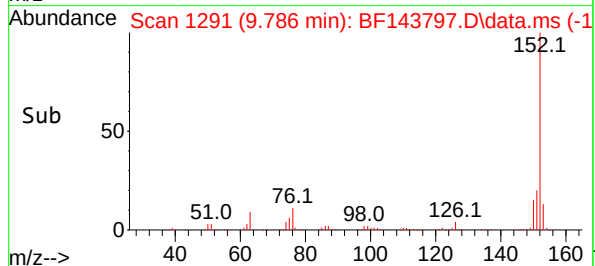
153 13.3 10.6 15.8

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Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

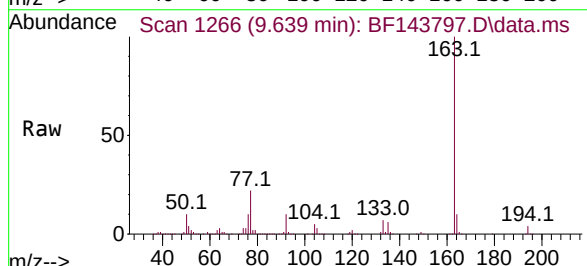
Concen: 58.627 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



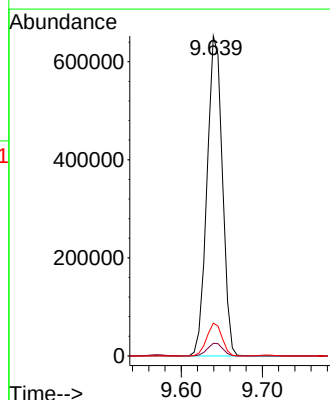
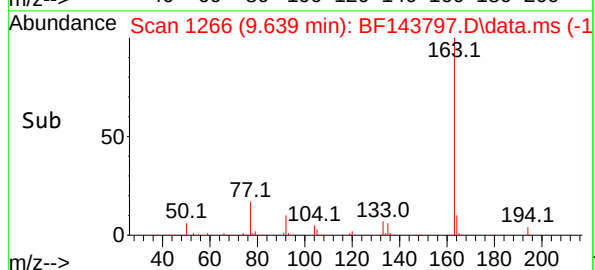
Tgt Ion:163 Resp: 859613

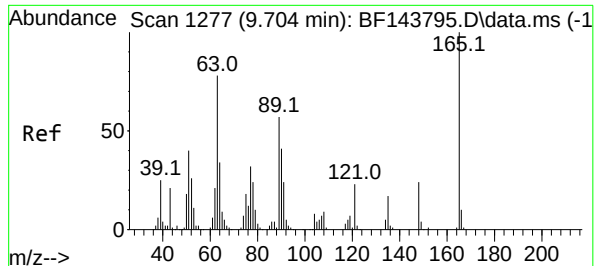
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

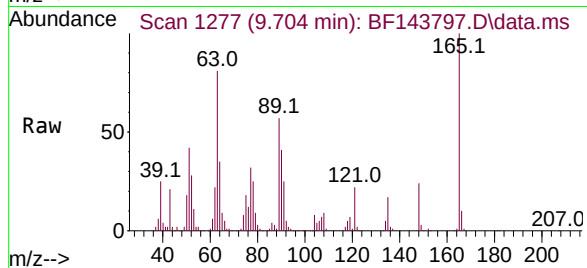
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 69.313 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

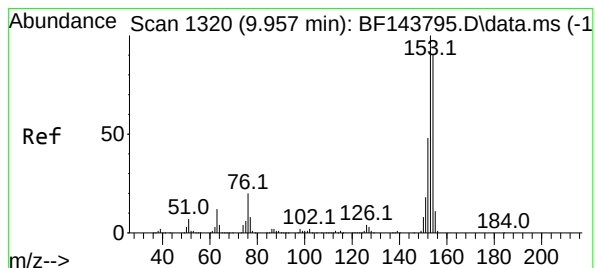
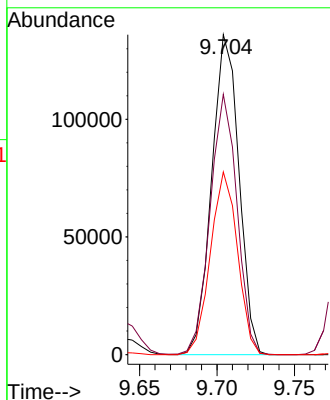
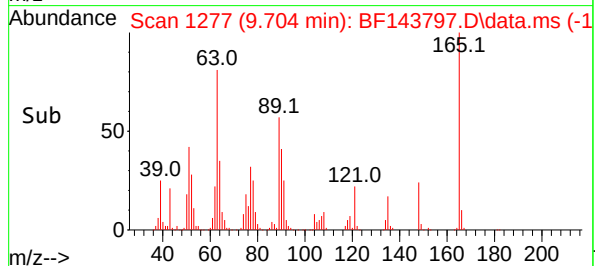
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 166972
Ion Ratio Lower Upper
165 100
63 81.3 62.6 94.0
89 57.1 45.2 67.8

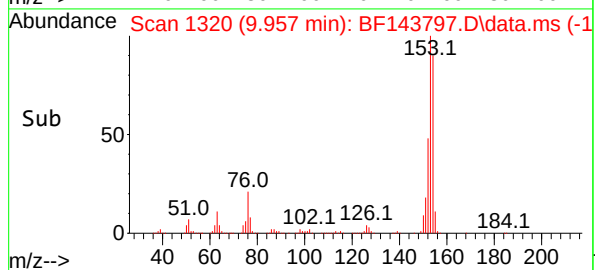
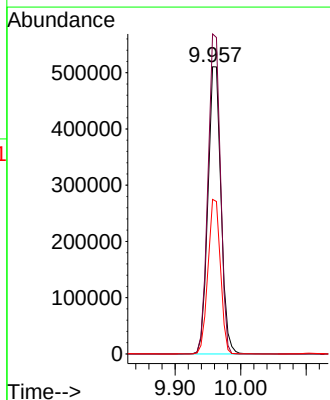
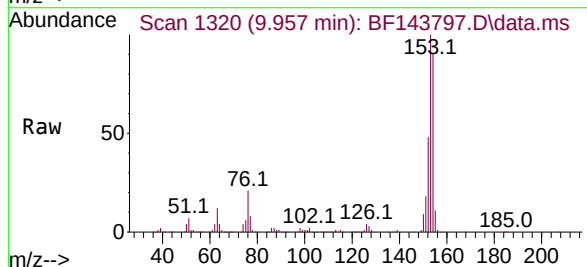
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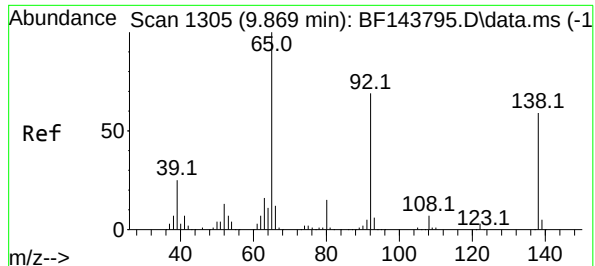
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 55.494 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:154 Resp: 704698
Ion Ratio Lower Upper
154 100
153 111.5 88.7 133.1
152 53.8 42.7 64.1





#53

3-Nitroaniline

Concen: 65.960 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:138 Resp: 19260

Ion Ratio Lower Upper

138 100

108 11.6 9.9 14.9

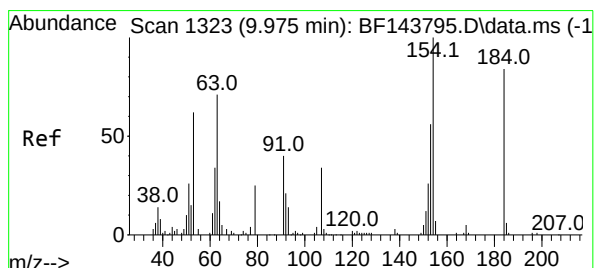
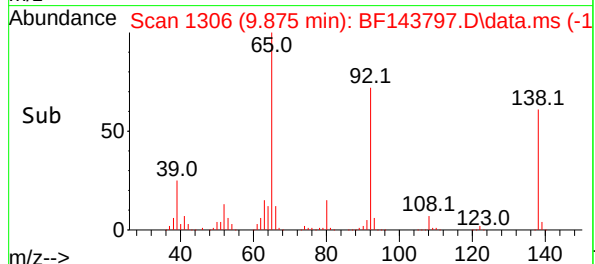
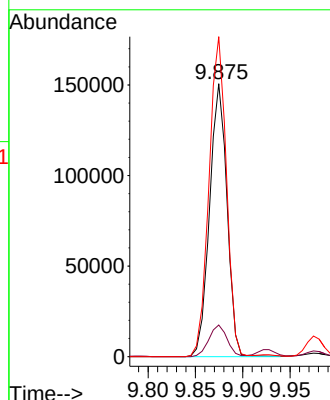
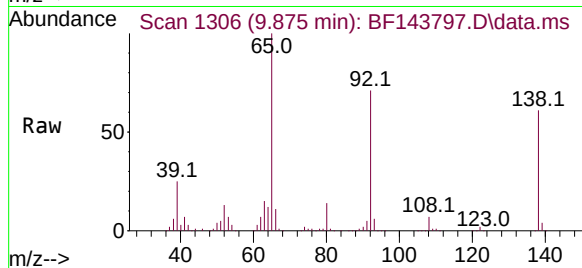
92 117.3 93.5 140.3

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 61.464 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

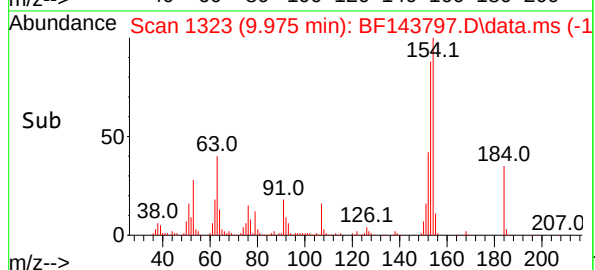
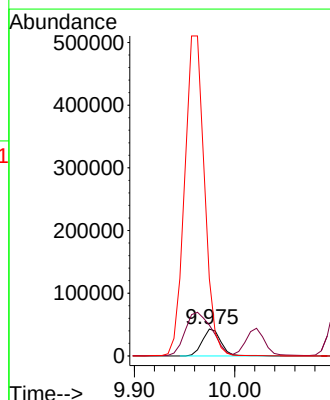
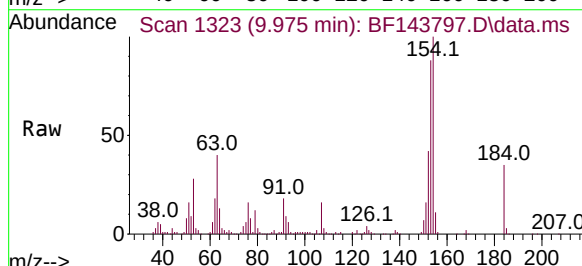
Tgt Ion:184 Resp: 54678

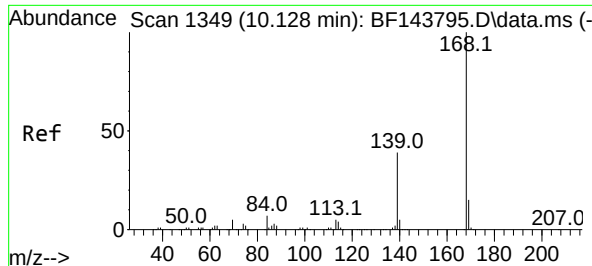
Ion Ratio Lower Upper

184 100

63 114.9 84.6 127.0

154 288.7 199.3 298.9





#55

Dibenzenofuran

Concen: 55.941 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 1004529

Ion Ratio Lower Upper

168 100

139 38.8 31.0 46.6

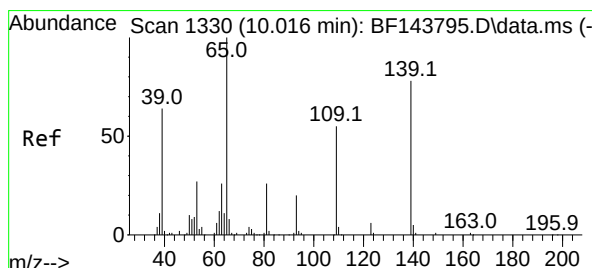
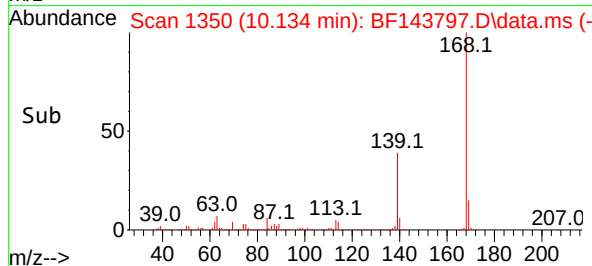
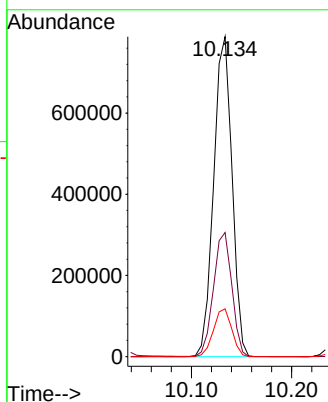
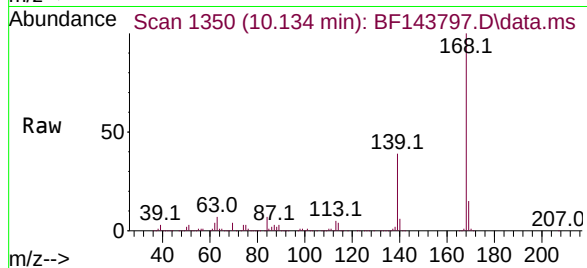
169 14.9 11.9 17.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 60.557 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

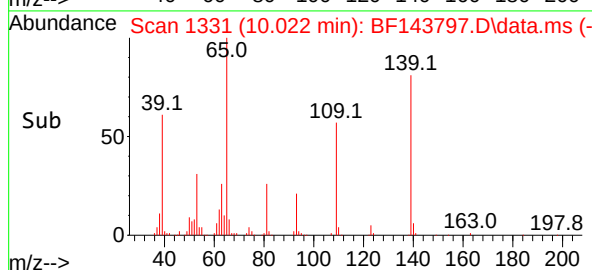
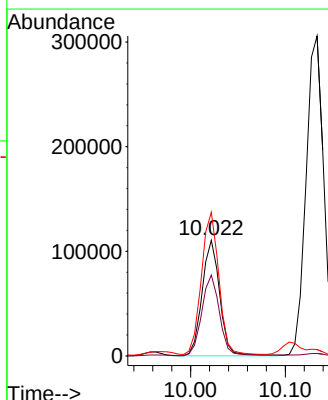
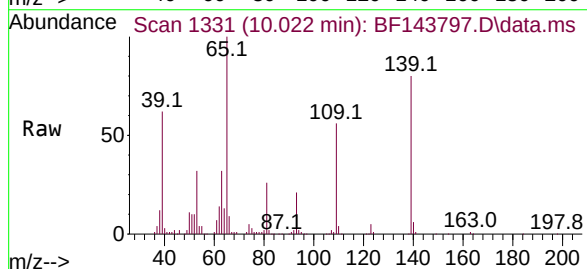
Tgt Ion:139 Resp: 142495

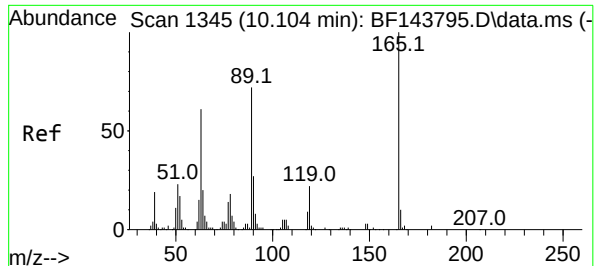
Ion Ratio Lower Upper

139 100

109 69.9 50.2 90.2

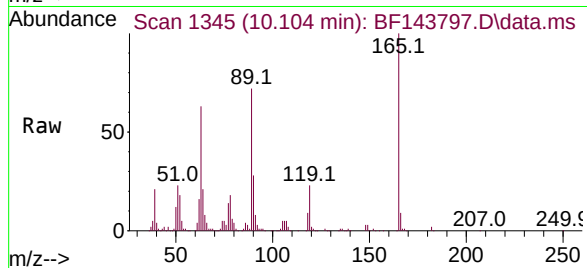
65 124.2 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 61.297 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

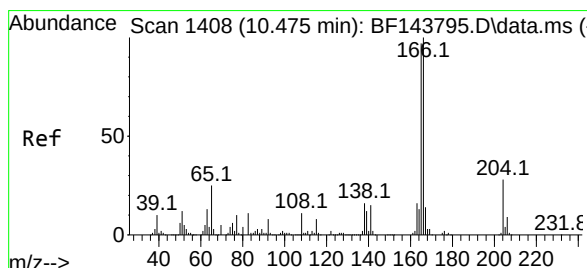
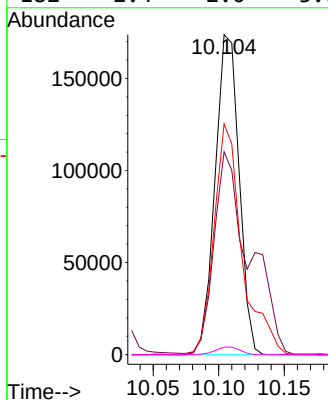
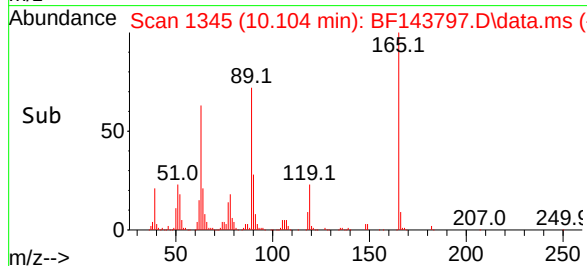
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



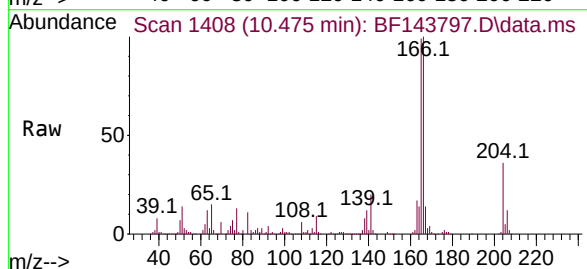
Tgt Ion:165 Resp: 222260
Ion Ratio Lower Upper
165 100
63 63.4 48.9 73.3
89 72.1 57.5 86.3
182 2.4 2.0 3.0

Manual Integrations
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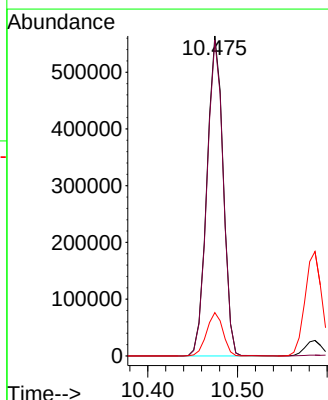
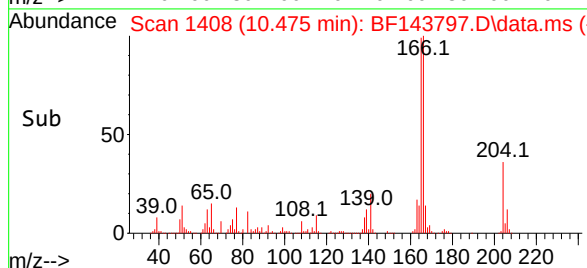
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

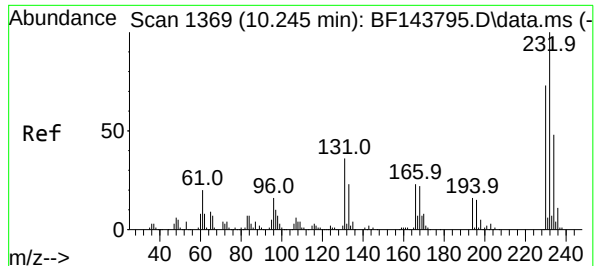


#58
Fluorene
Concen: 53.330 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



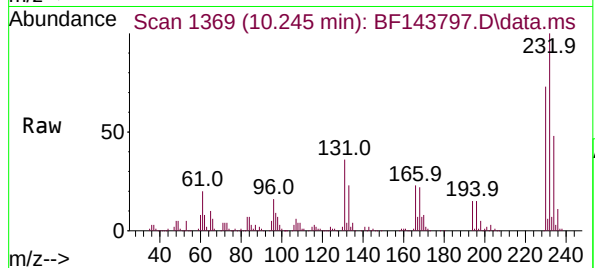
Tgt Ion:166 Resp: 711929
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.904 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

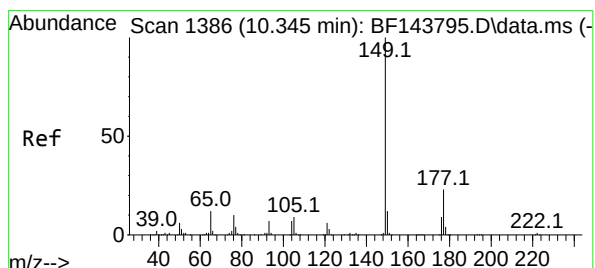
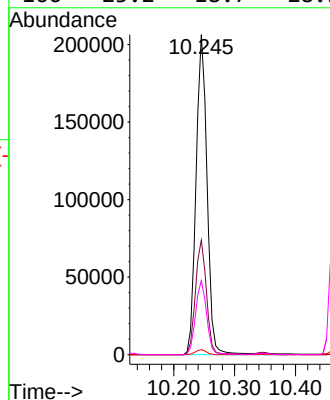
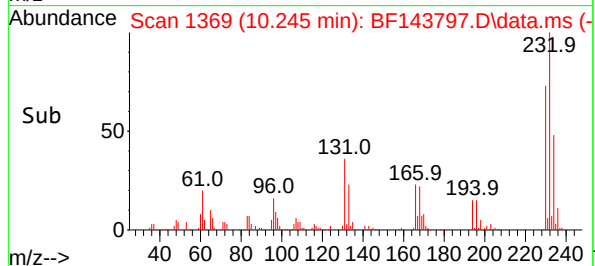
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:232 Resp: 260302
Ion Ratio Lower Upper
232 100
131 35.6 29.4 44.2
130 1.5 1.3 1.9
166 23.2 18.7 28.1

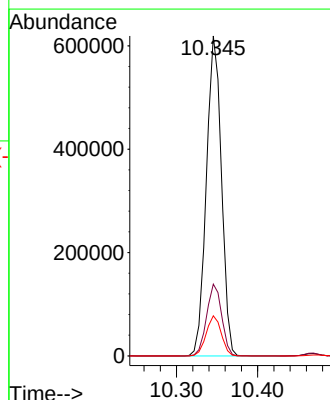
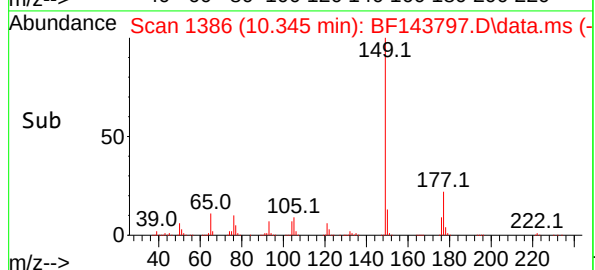
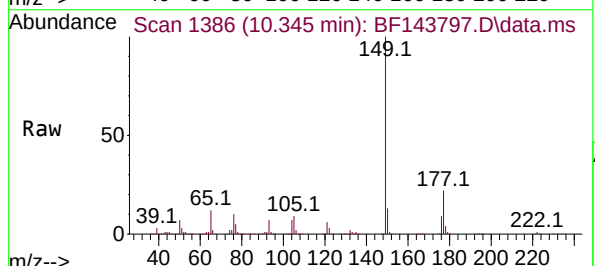
Manual Integrations
APPROVED

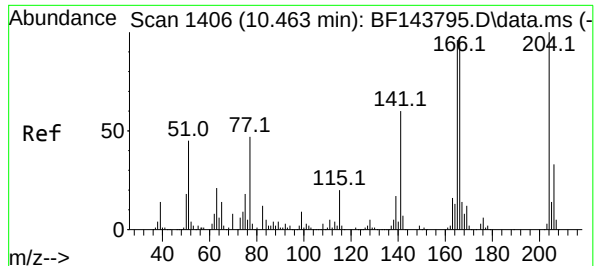
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 58.305 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

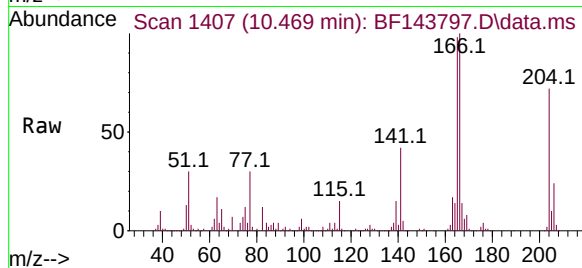
Tgt Ion:149 Resp: 800261
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 55.593 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

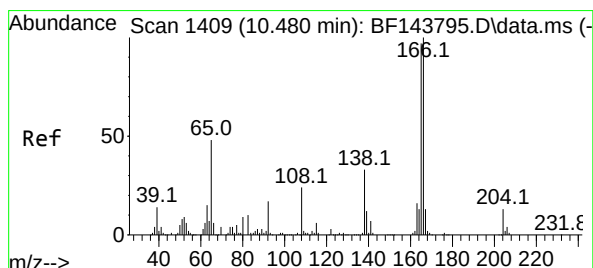
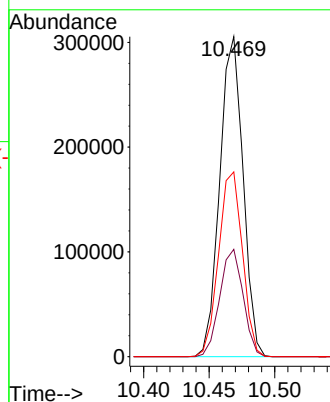
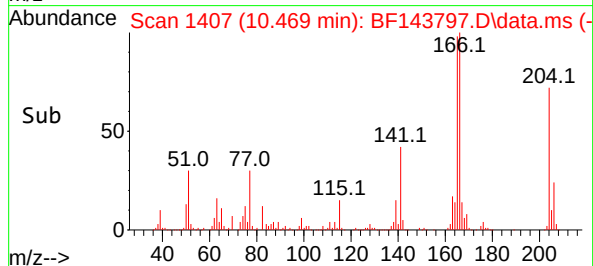
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



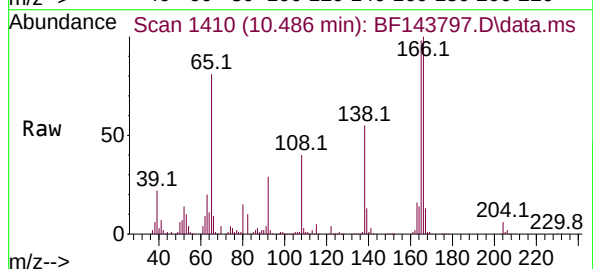
Tgt Ion:204 Resp: 37814
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 57.7 48.2 72.2

Manual Integrations
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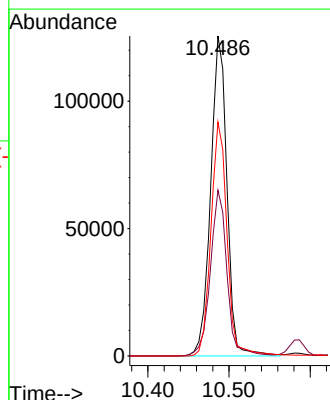
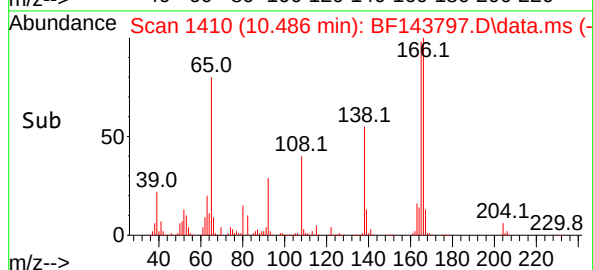
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

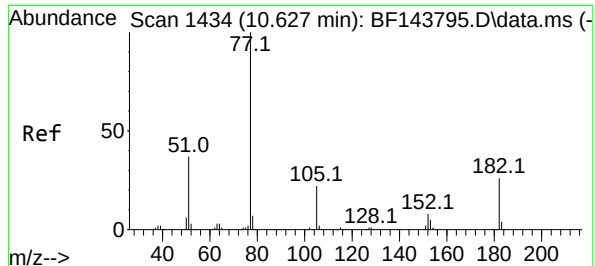


#62
4-Nitroaniline
Concen: 63.907 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



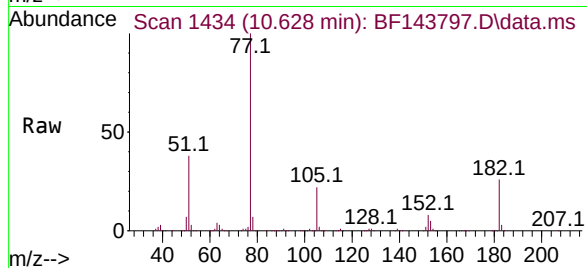
Tgt Ion:138 Resp: 175465
Ion Ratio Lower Upper
138 100
92 51.8 31.5 71.5
108 73.1 51.9 91.9





#63
Azobenzene
Concen: 58.022 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

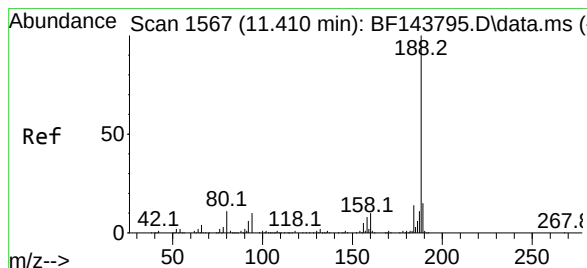
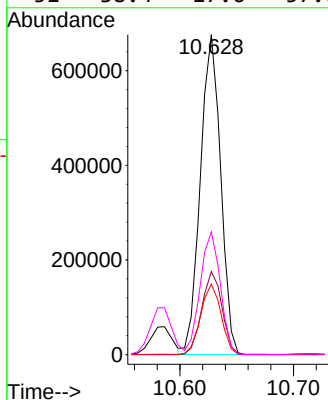
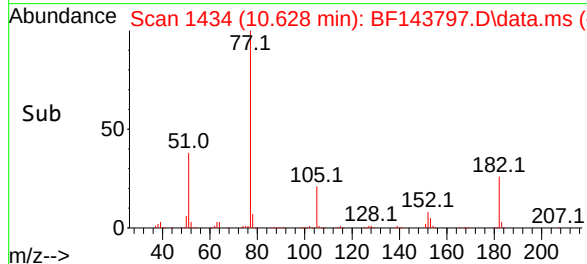
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



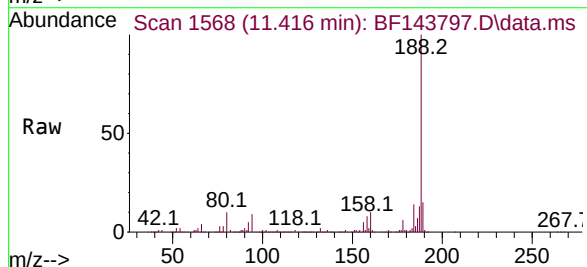
Tgt Ion: 77 Resp: 839301
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.0 2.3 42.3
51 38.4 17.6 57.6

Manual Integrations
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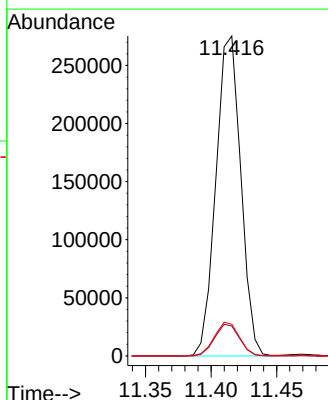
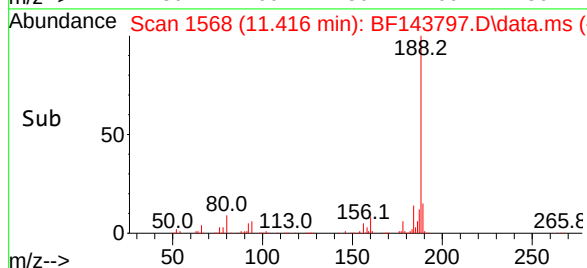
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

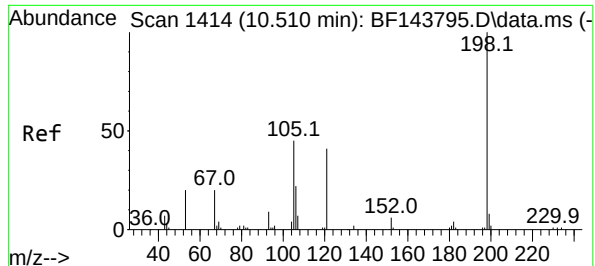


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:188 Resp: 364411
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 8.6 12.8





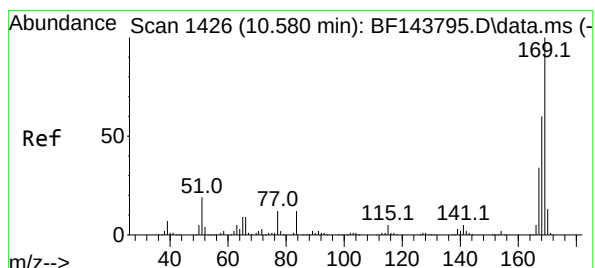
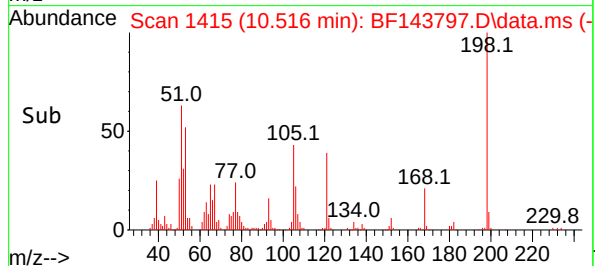
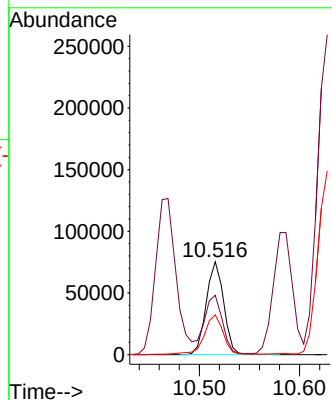
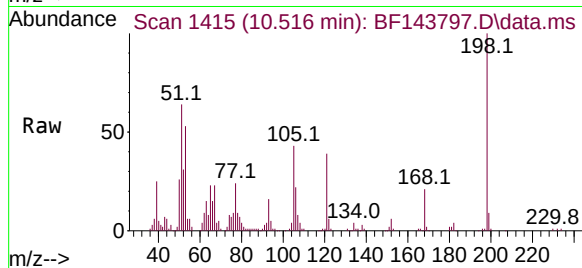
#65
4,6-Dinitro-2-methylphenol
Concen: 62.624 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 90861
Ion Ratio Lower Upper
198 100
51 63.9 52.0 92.0
105 42.8 27.5 67.5

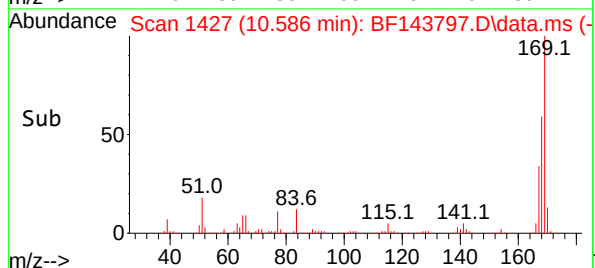
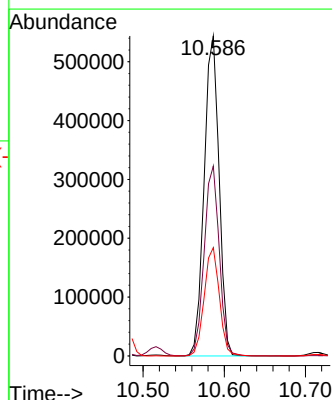
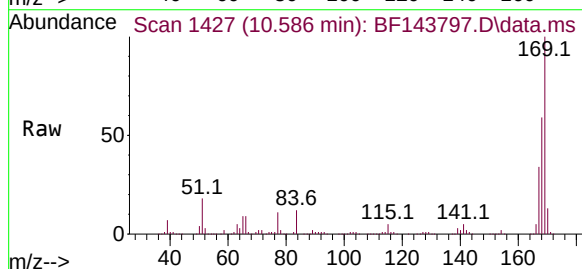
Manual Integrations
APPROVED

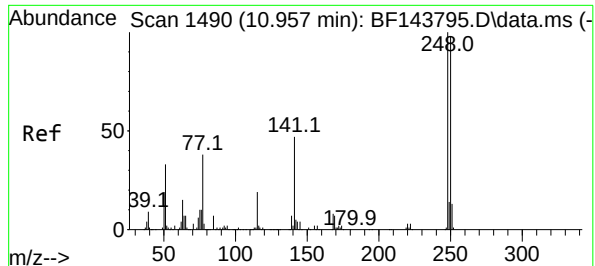
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 58.067 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

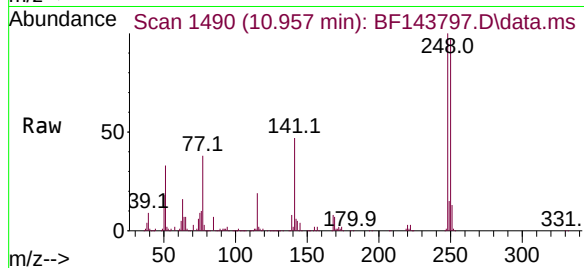
Tgt Ion:169 Resp: 695896
Ion Ratio Lower Upper
169 100
168 59.3 47.9 71.9
167 33.8 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 60.132 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

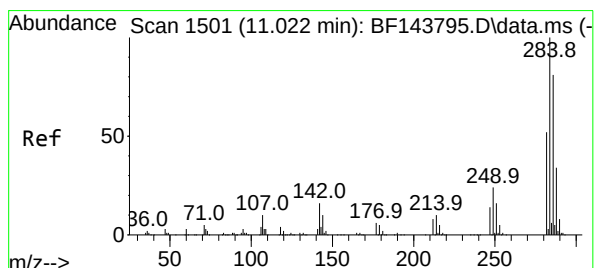
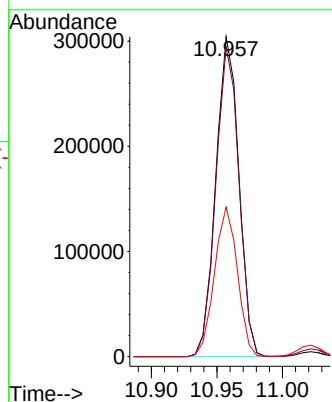
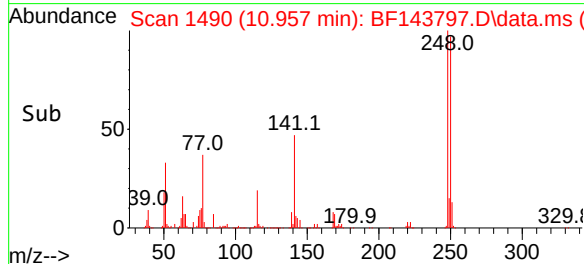
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



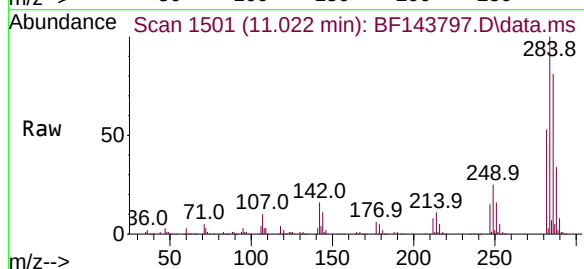
Tgt Ion:248 Resp: 373431
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 46.7 37.9 56.9

Manual Integrations
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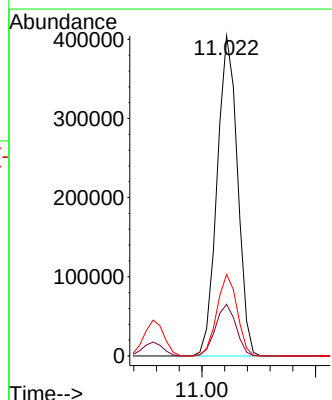
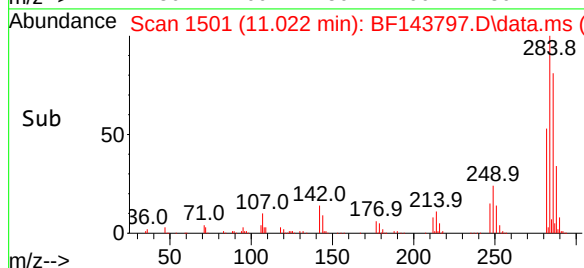
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

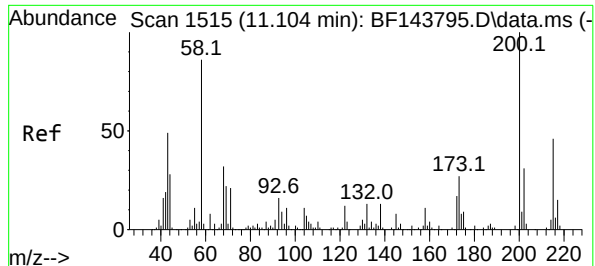


#68
Hexachlorobenzene
Concen: 58.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:284 Resp: 504432
Ion Ratio Lower Upper
284 100
142 16.2 13.1 19.7
249 25.4 19.5 29.3





#69

Atrazine

Concen: 58.963 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 204628

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

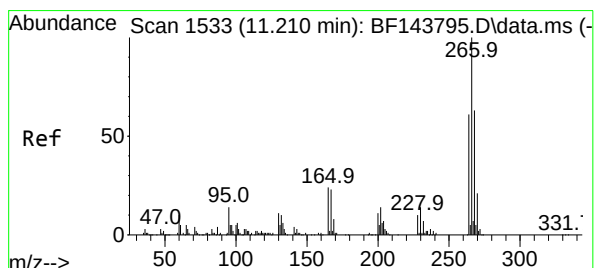
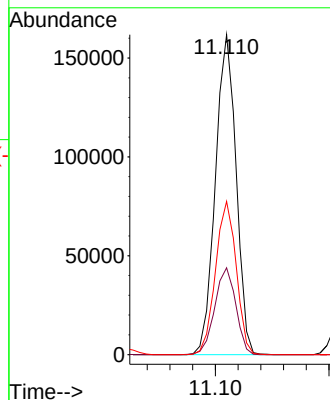
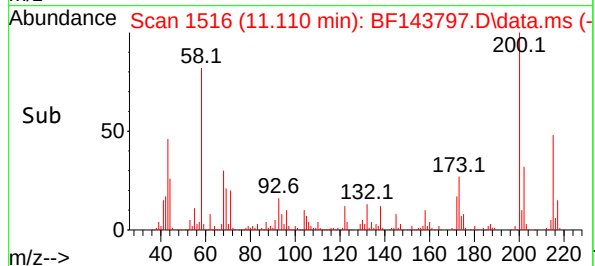
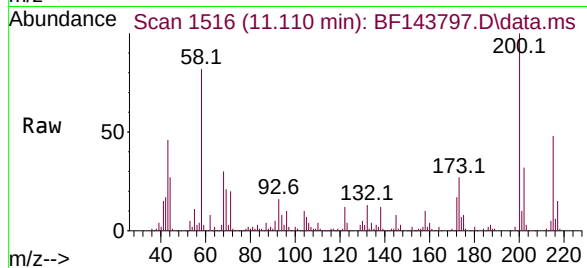
215 47.9 26.0 66.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 65.133 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

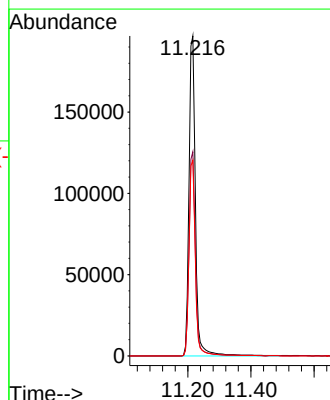
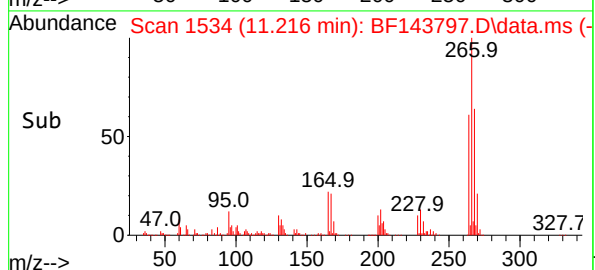
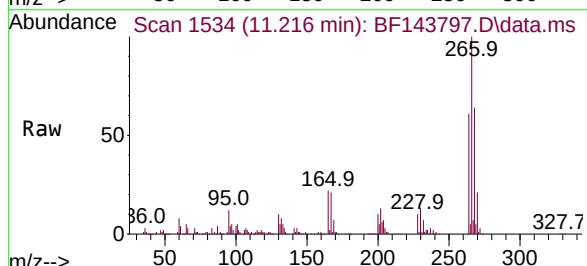
Tgt Ion:266 Resp: 277473

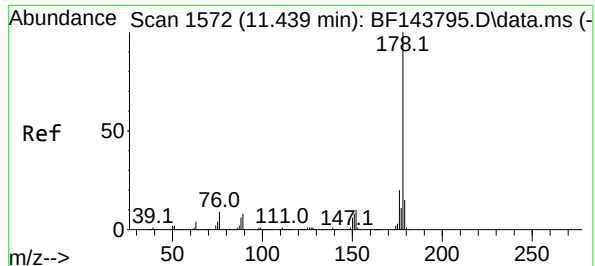
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 61.1 48.8 73.2





#71

Phenanthrene

Concen: 55.742 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 104287

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

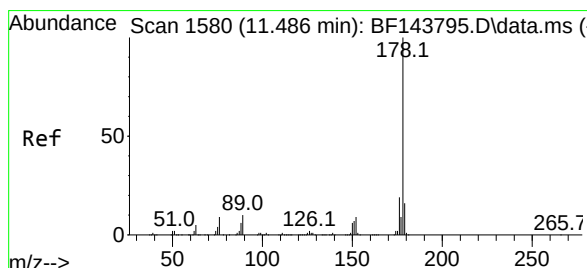
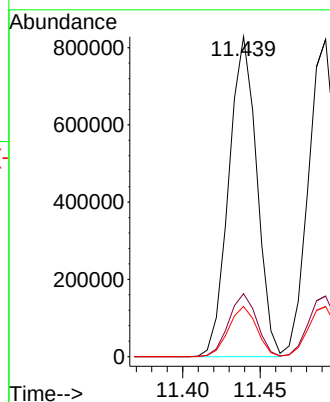
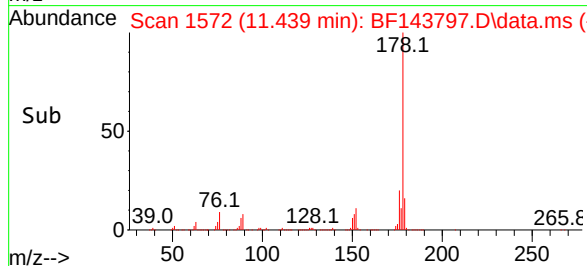
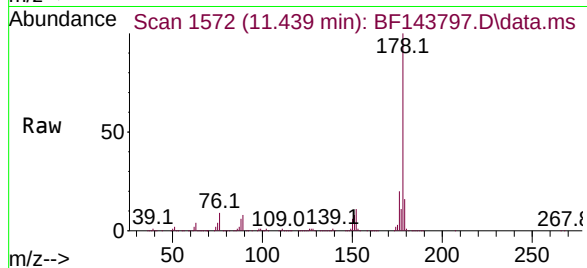
179 15.7 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#72

Anthracene

Concen: 56.095 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

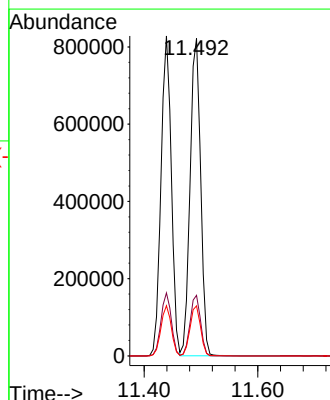
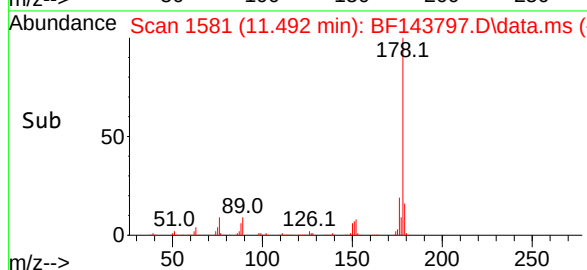
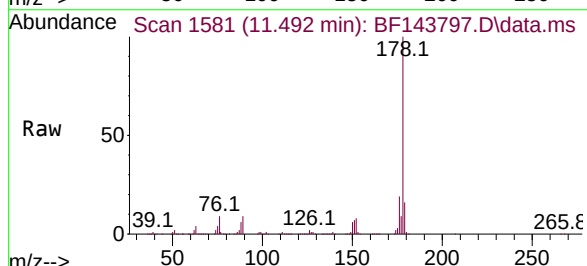
Tgt Ion:178 Resp: 1052693

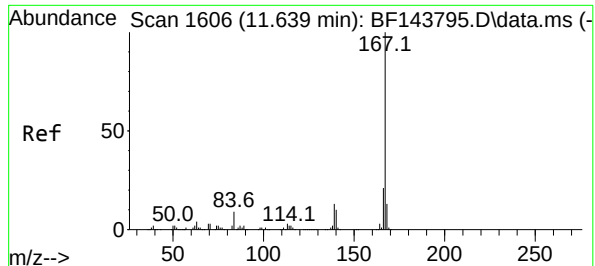
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

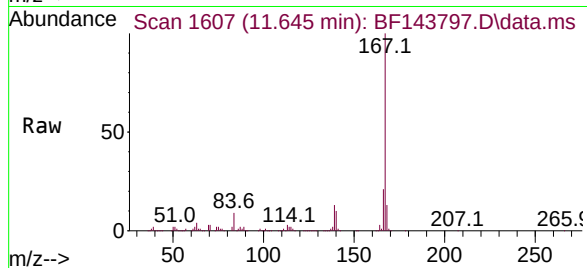
179 15.8 12.8 19.2





#73
Carbazole
Concen: 56.377 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

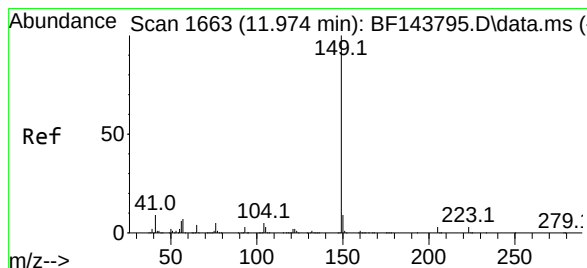
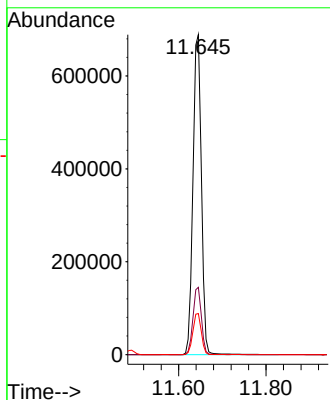
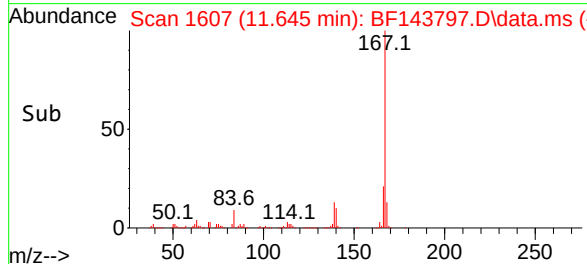
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



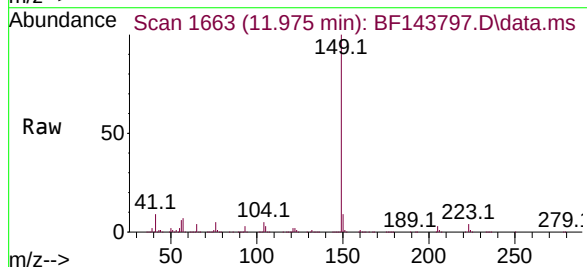
Tgt Ion:167 Resp: 925032
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.8 10.6 15.8

Manual Integrations
APPROVED

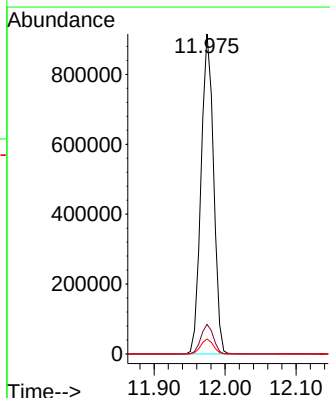
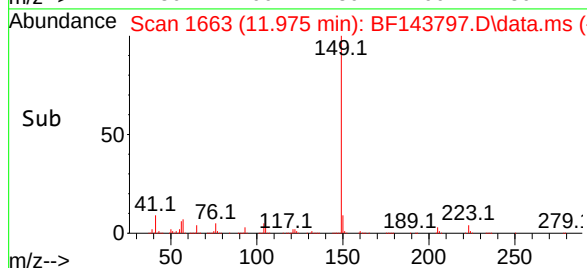
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

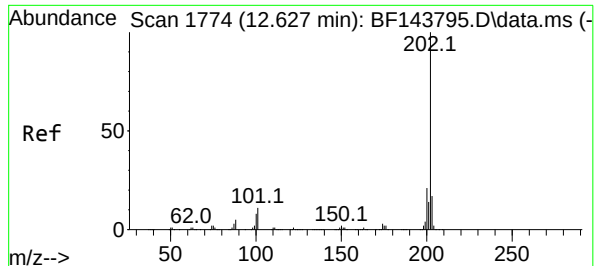


#74
Di-n-butylphthalate
Concen: 59.029 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



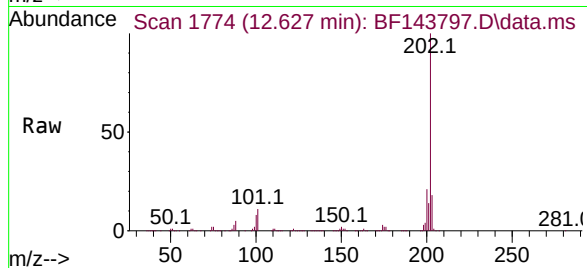
Tgt Ion:149 Resp: 1113894
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 55.523 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

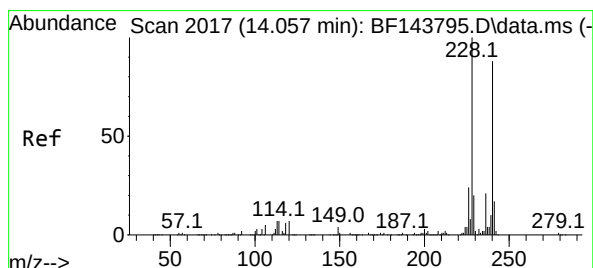
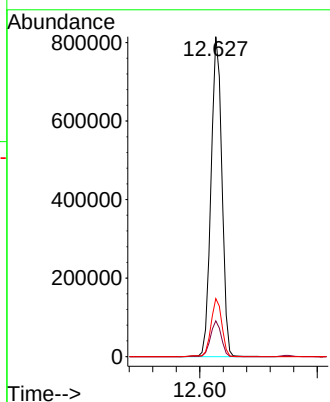
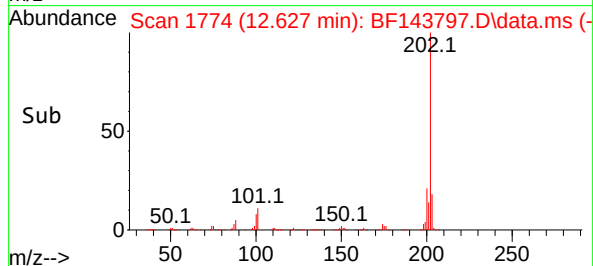
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



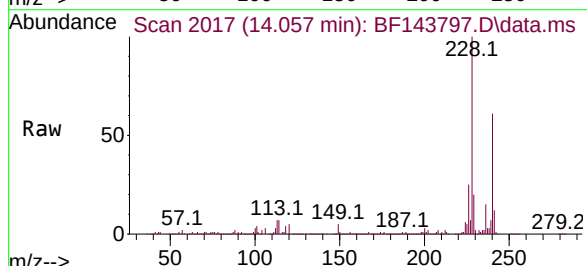
Tgt Ion:202 Resp: 1044763
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 18.1 0.0 37.4

Manual Integrations
APPROVED

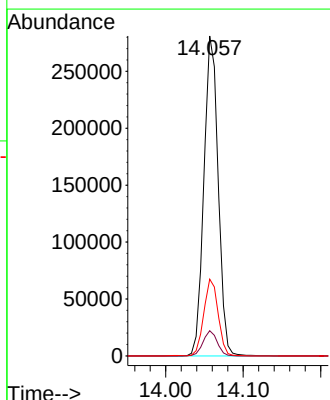
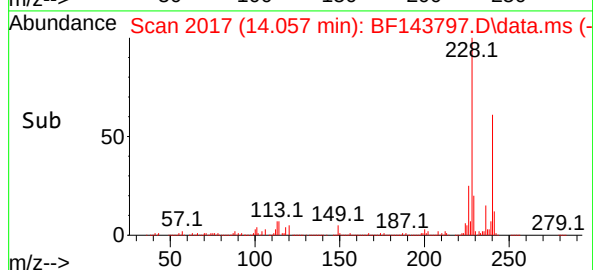
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

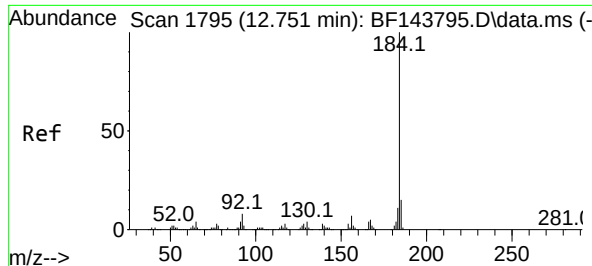


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



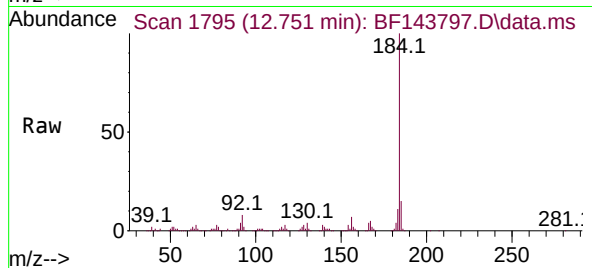
Tgt Ion:240 Resp: 359318
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 24.0 19.4 29.2





#77
Benzidine
Concen: 68.094 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

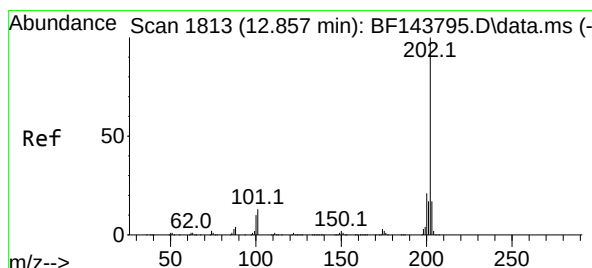
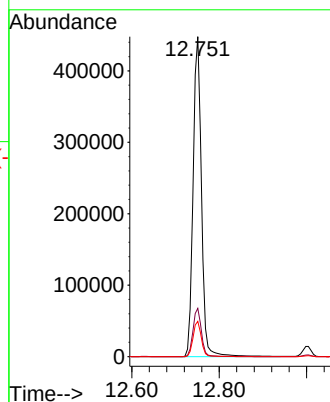
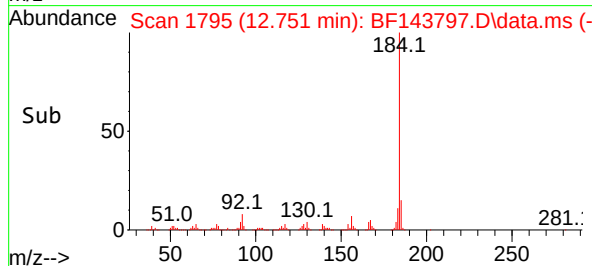
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 596216
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 11.0 8.6 13.0

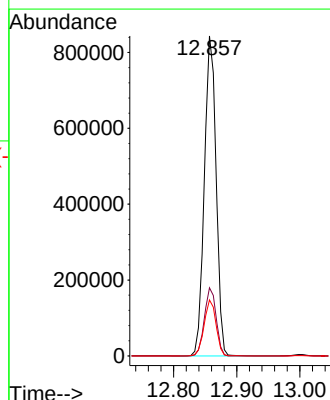
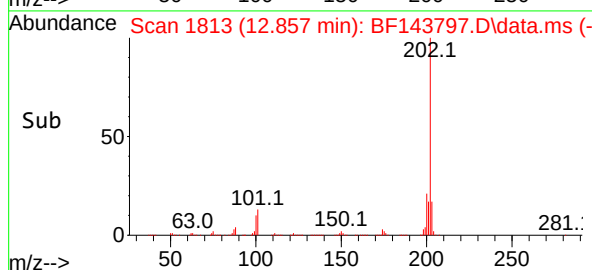
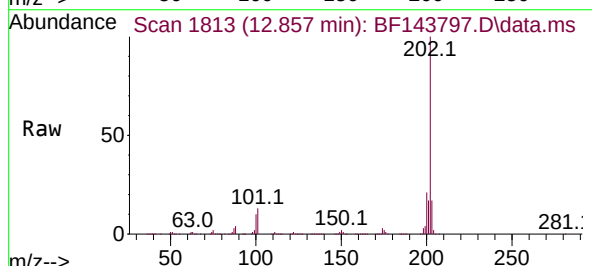
Manual Integrations
APPROVED

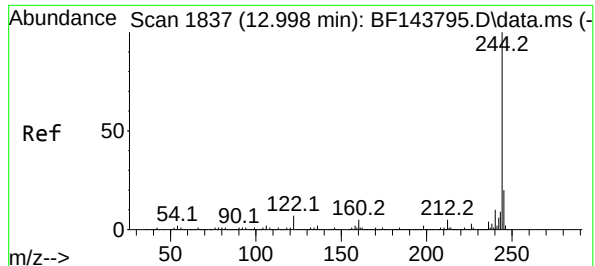
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 61.683 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

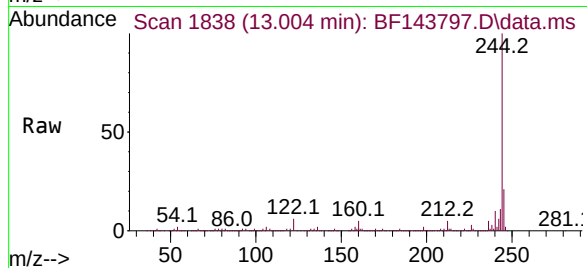
Tgt Ion:202 Resp: 1089660
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 13.9 20.9





#79
Terphenyl-d14
Concen: 116.521 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

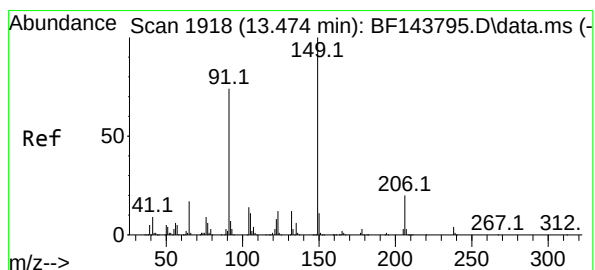
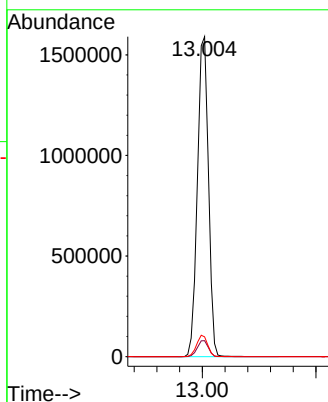
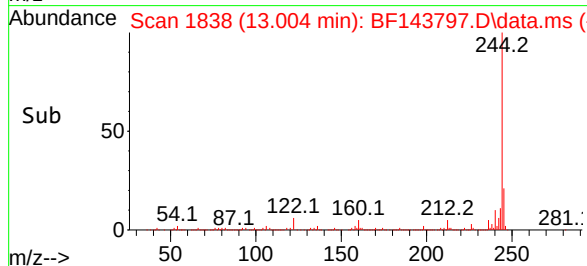
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 2132520
Ion Ratio Lower Upper
244 100
212 5.0 3.9 5.9
122 6.2 5.6 8.4

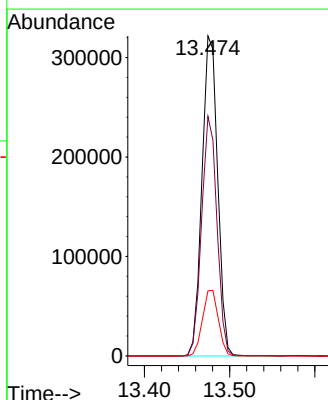
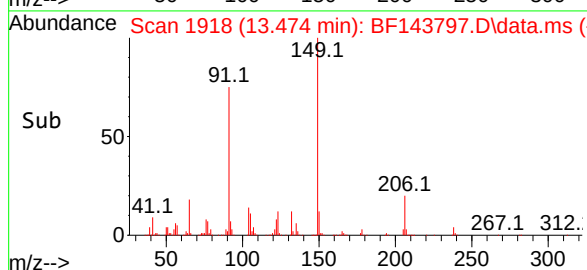
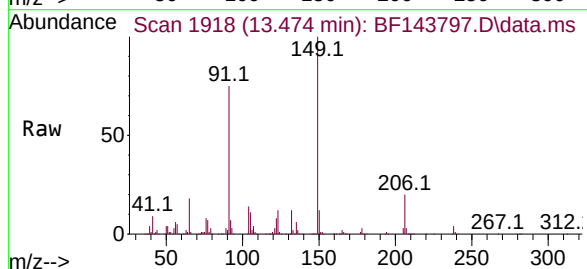
Manual Integrations
APPROVED

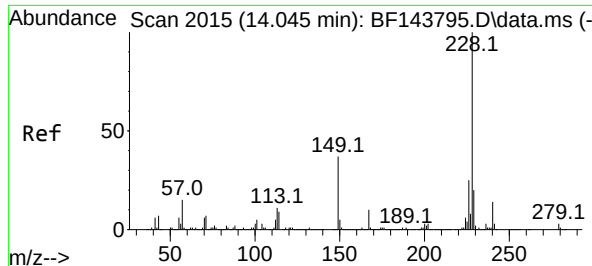
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#80
Butylbenzylphthalate
Concen: 67.252 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

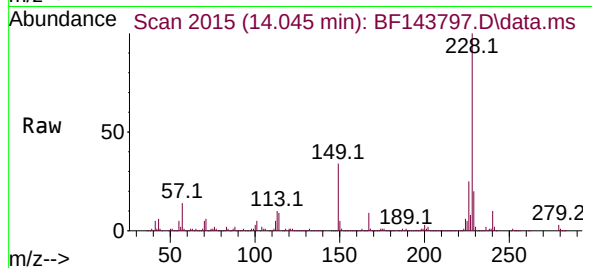
Tgt Ion:149 Resp: 411027
Ion Ratio Lower Upper
149 100
91 74.8 59.5 89.3
206 20.3 16.1 24.1





#81
Benzo(a)anthracene
Concen: 59.491 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

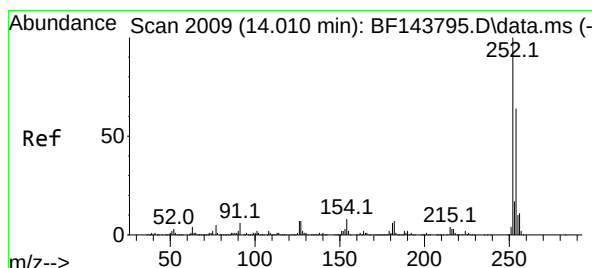
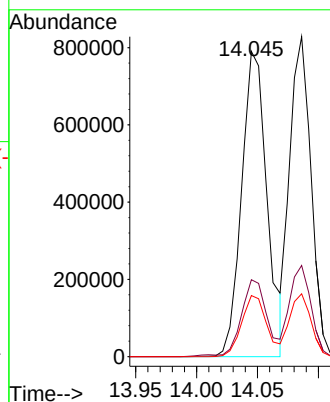
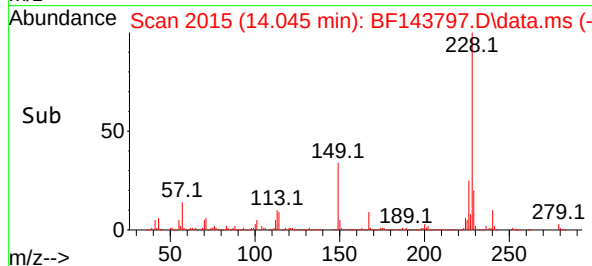
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1148366
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 20.0 16.1 24.1

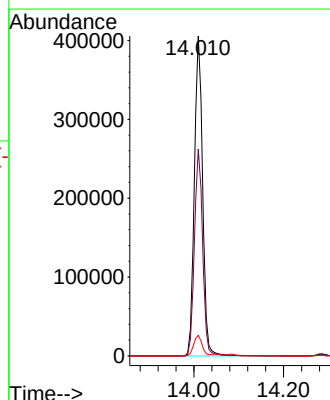
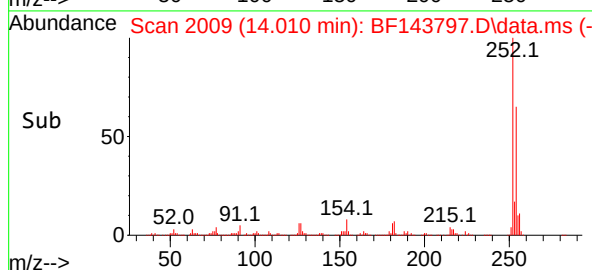
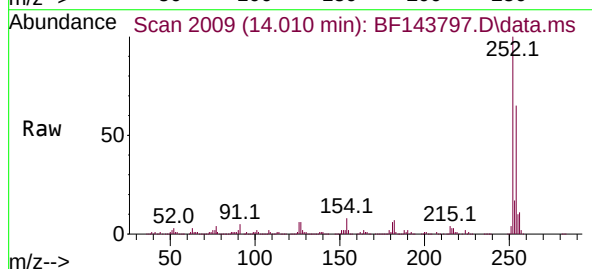
Manual Integrations
APPROVED

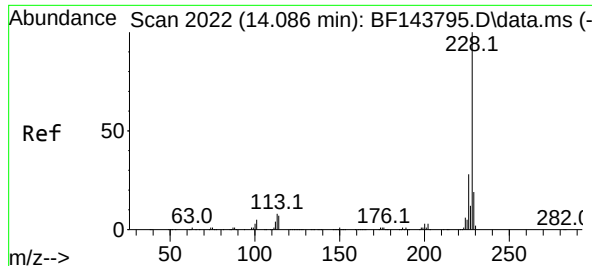
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 61.874 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

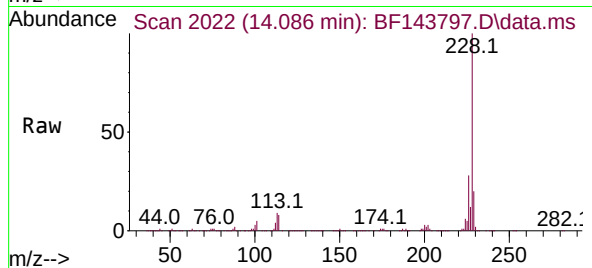
Tgt Ion:252 Resp: 517428
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 6.4 5.4 8.2





#83
Chrysene
Concen: 58.075 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

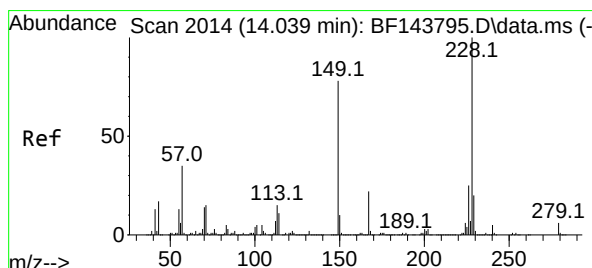
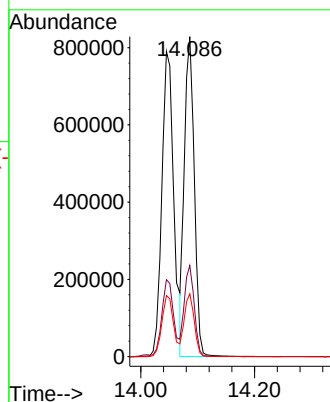
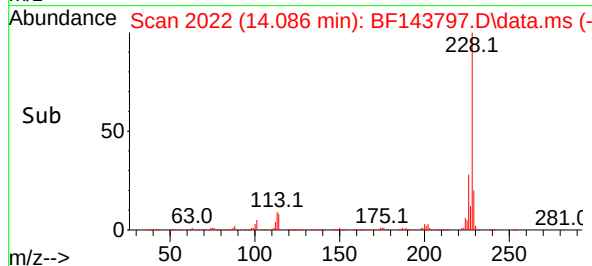
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



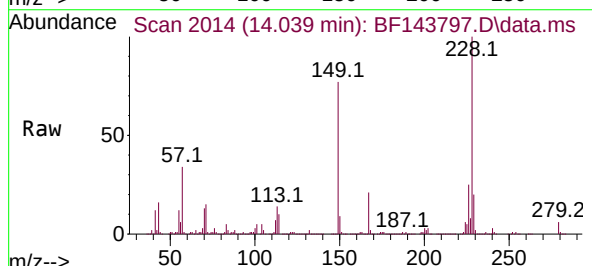
Tgt Ion:228 Resp: 1014385
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.6 15.6 23.4

Manual Integrations
APPROVED

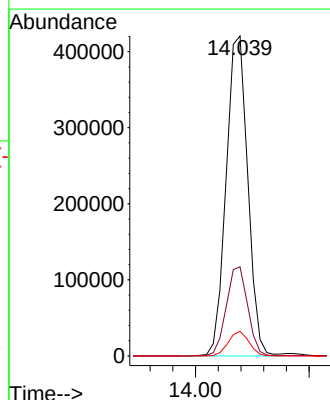
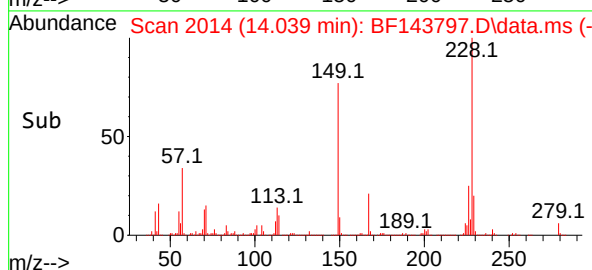
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

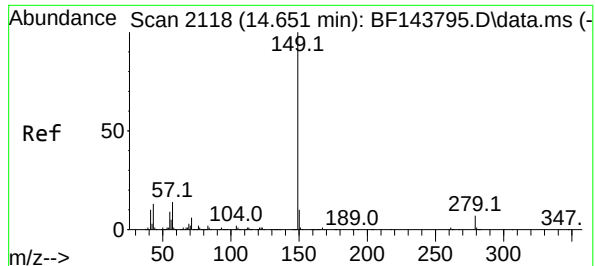


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.115 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



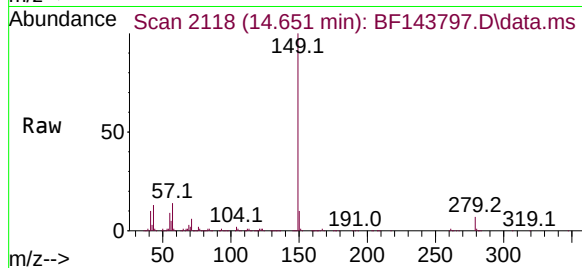
Tgt Ion:149 Resp: 556458
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.2
279 7.7 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 62.167 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

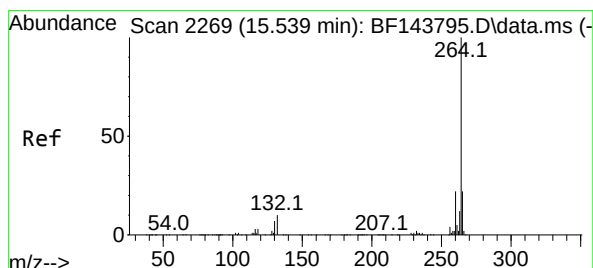
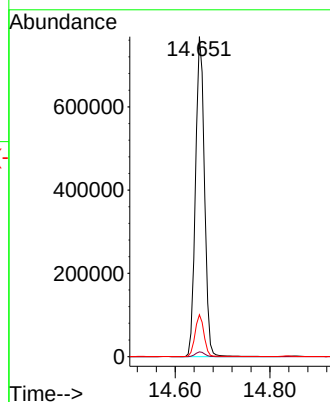
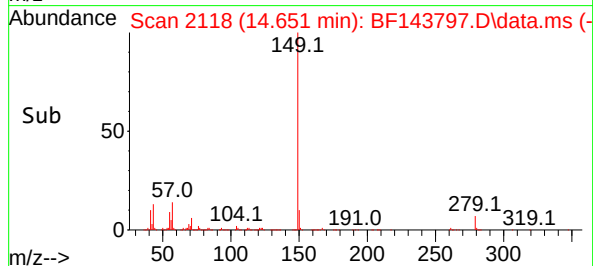
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



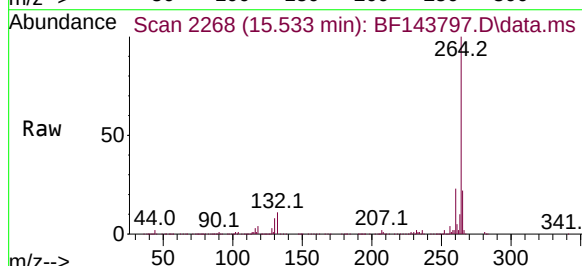
Tgt Ion:149 Resp: 1010224
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.0 10.7 16.1

Manual Integrations
APPROVED

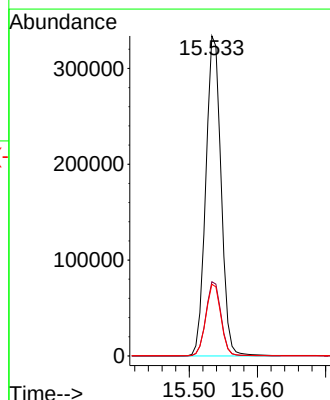
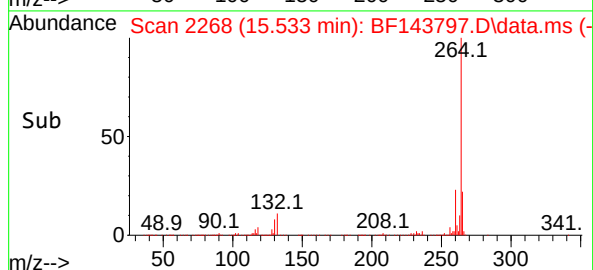
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

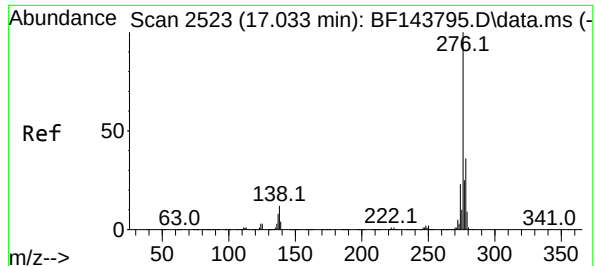


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:264 Resp: 519571
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.213 ng

RT: 17.039 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 2413125

Ion Ratio Lower Upper

276 100

138 12.8 10.6 15.8

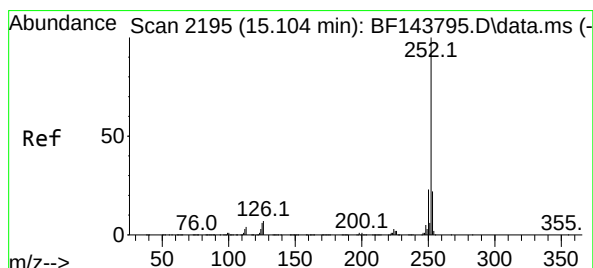
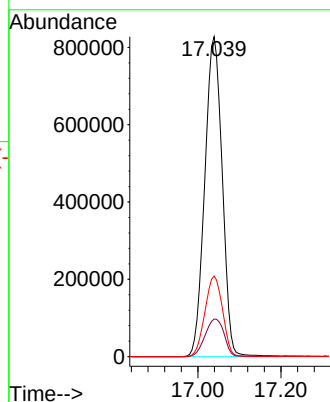
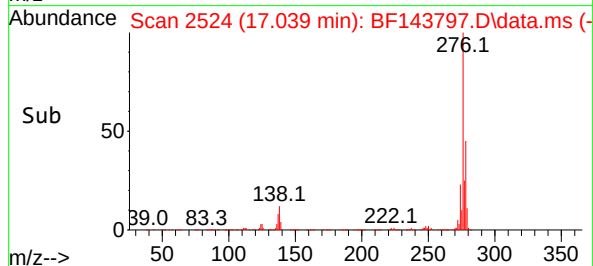
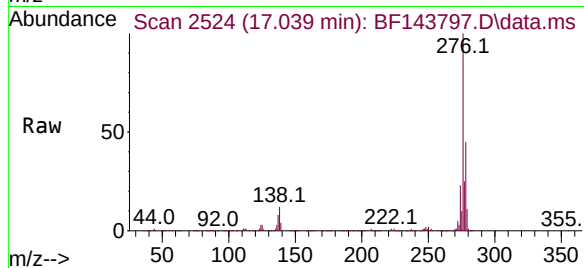
277 25.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#88

Benzo(b)fluoranthene

Concen: 59.037 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

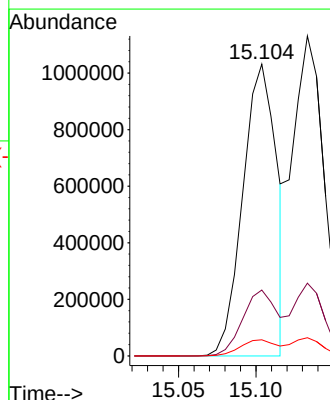
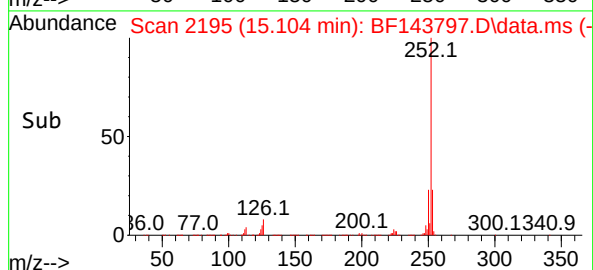
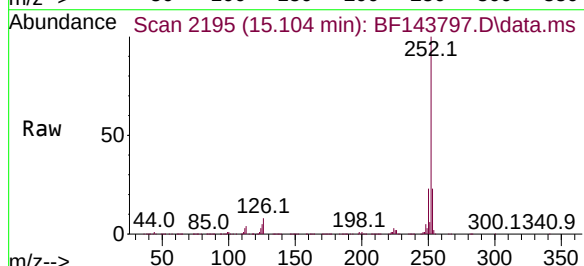
Tgt Ion:252 Resp: 1562058

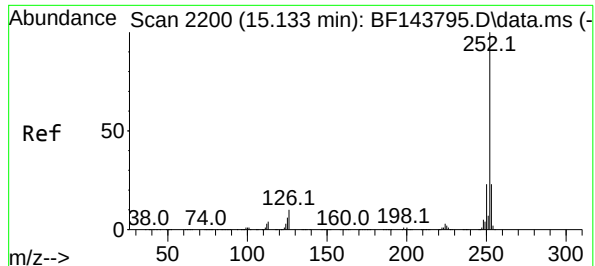
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 60.363 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143797.D

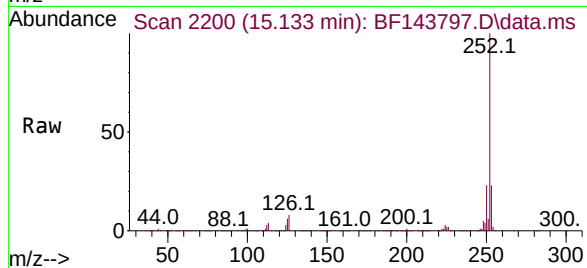
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:252 Resp: 1604602

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

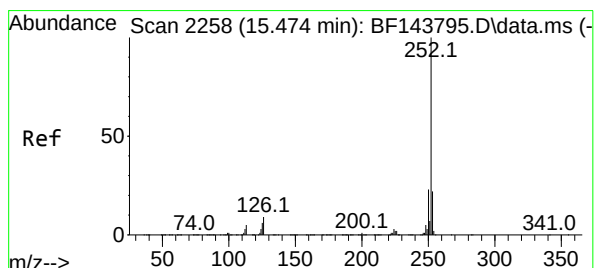
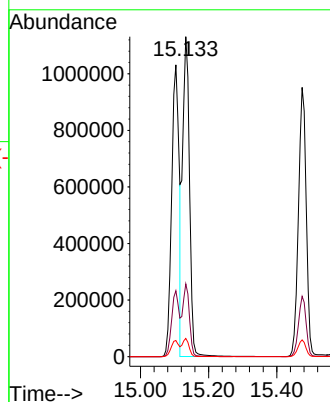
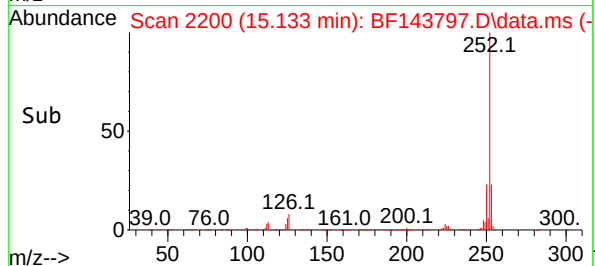
125 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 60.876 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

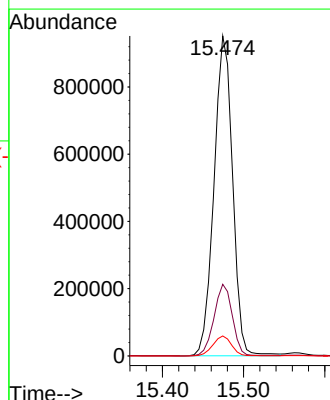
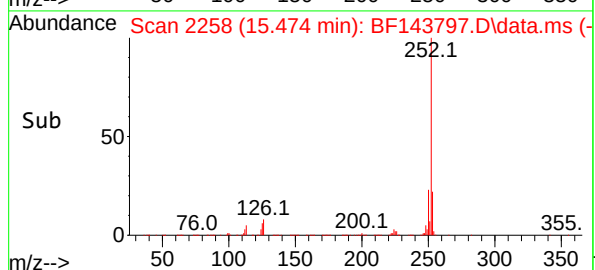
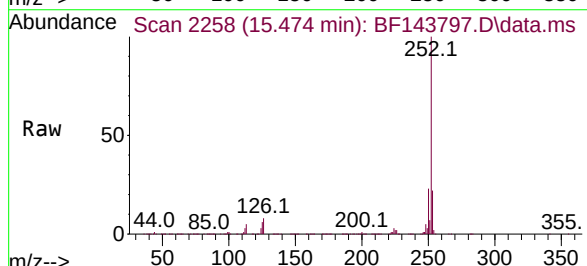
Tgt Ion:252 Resp: 1514049

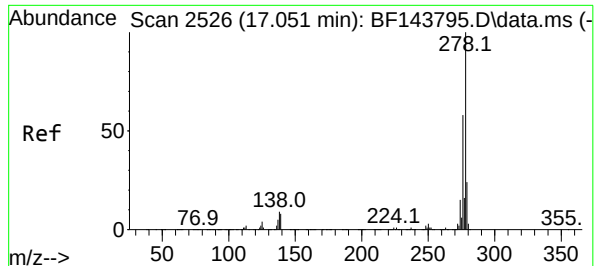
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

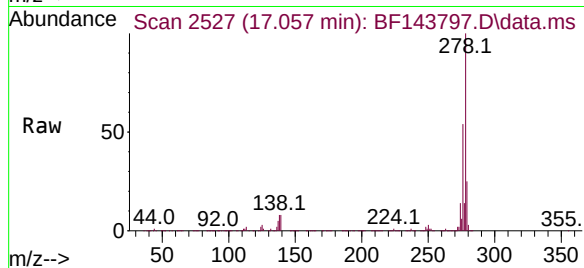
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 60.781 ng
RT: 17.057 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

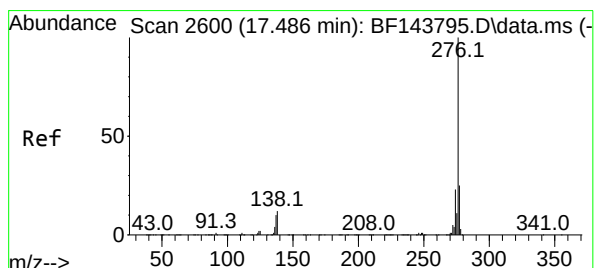
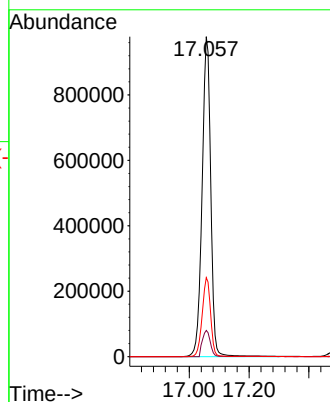
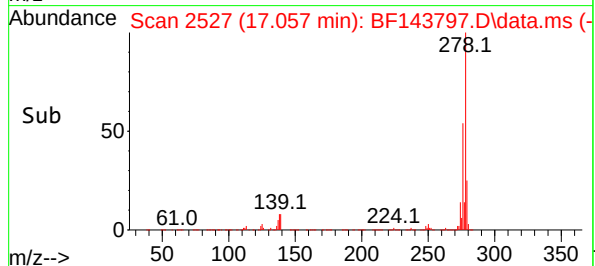
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1959781
Ion Ratio Lower Upper
278 100
139 8.2 6.7 10.1
279 24.7 19.3 28.9

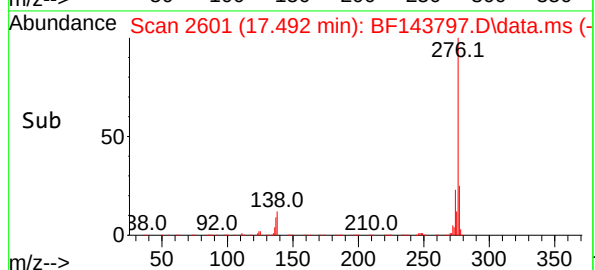
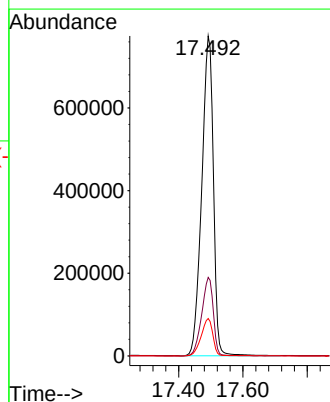
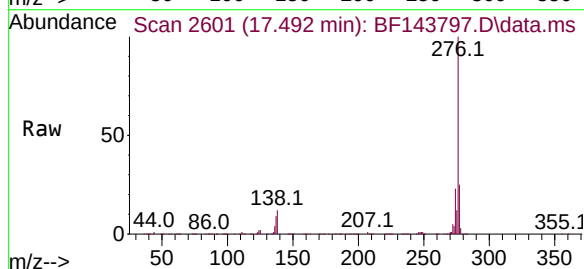
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 62.375 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:276 Resp: 1938747
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 11.7 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143798.D
 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114150	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403097	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	191047	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	300725	20.000	ng	0.00
76) Chrysene-d12	14.063	240	368976	20.000	ng	0.00
86) Perylene-d12	15.539	264	561861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1026027	144.655	ng	0.00
7) Phenol-d6	6.510	99	1156687	138.192	ng	0.00
23) Nitrobenzene-d5	7.451	82	991785	154.839	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	406469	149.081	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1675409	129.595	ng	0.00
79) Terphenyl-d14	13.004	244	2514401	133.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	263600	78.385	ng	99
3) Pyridine	3.399	79	703509	77.500	ng	99
4) n-Nitrosodimethylamine	3.357	42	358564	78.776	ng	99
6) Aniline	6.551	93	833840	70.770	ng	99
8) 2-Chlorophenol	6.669	128	523096	72.726	ng	96
9) Benzaldehyde	6.439	77	512709	72.121	ng	100
10) Phenol	6.528	94	668000m	70.793	ng	
11) bis(2-Chloroethyl)ether	6.622	93	528015	71.386	ng	97
12) 1,3-Dichlorobenzene	6.828	146	592035	70.893	ng	99
13) 1,4-Dichlorobenzene	6.904	146	587436	70.485	ng	100
14) 1,2-Dichlorobenzene	7.057	146	554647	70.268	ng	99
15) Benzyl Alcohol	7.028	79	427439	72.870	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1250239	71.282	ng	100
17) 2-Methylphenol	7.134	107	401874	72.168	ng	98
18) Hexachloroethane	7.404	117	213691	72.909	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	349063	66.866	ng	99
20) 3+4-Methylphenols	7.287	107	466916	68.853	ng	98
22) Acetophenone	7.298	105	601642	67.955	ng	97
24) Nitrobenzene	7.475	77	552229	75.655	ng	97
25) Isophorone	7.710	82	926928	72.232	ng	99
26) 2-Nitrophenol	7.786	139	241928	78.881	ng	95
27) 2,4-Dimethylphenol	7.816	122	420564	73.324	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	579809	69.544	ng	99
29) 2,4-Dichlorophenol	8.022	162	418769	74.200	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	426294	72.784	ng	98
31) Naphthalene	8.192	128	1331192	68.985	ng	99
32) Benzoic acid	7.922	122	259578	93.800	ng	96
33) 4-Chloroaniline	8.239	127	475524	70.124	ng	99
34) Hexachlorobutadiene	8.310	225	320435	73.390	ng	99
35) Caprolactam	8.610	113	112528	78.007	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	383212	72.398	ng	98
37) 2-Methylnaphthalene	8.881	142	839849	68.255	ng	100
38) 1-Methylnaphthalene	8.981	142	799000	67.842	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	419788	72.811	ng	99
41) Hexachlorocyclopentadiene	9.039	237	295770	80.945	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	278988	77.279	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143798.D
 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	291440	77.179	ng	99
46) 1,1'-Biphenyl	9.345	154	969811	70.127	ng	99
47) 2-Chloronaphthalene	9.375	162	792043	71.150	ng	99
48) 2-Nitroaniline	9.463	65	294783	87.616	ng	97
49) Acenaphthylene	9.786	152	1100520	71.813	ng	99
50) Dimethylphthalate	9.639	163	857631	73.652	ng	100
51) 2,6-Dinitrotoluene	9.704	165	168866	88.265	ng	96
52) Acenaphthene	9.963	154	727931	72.181	ng	98
53) 3-Nitroaniline	9.875	138	201936	87.079	ng	99
54) 2,4-Dinitrophenol	9.975	184	64545	79.097	ng	91
55) Dibenzofuran	10.133	168	1015631	71.219	ng	100
56) 4-Nitrophenol	10.022	139	160308	85.785	ng	96
57) 2,4-Dinitrotoluene	10.110	165	229035	78.669	ng	99
58) Fluorene	10.475	166	730945	68.947	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	269005	83.157	ng	98
60) Diethylphthalate	10.345	149	814823	74.753	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	384933	71.259	ng	97
62) 4-Nitroaniline	10.492	138	195008	89.434	ng	99
63) Azobenzene	10.627	77	841633	73.264	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	101519	78.431	ng	94
66) n-Nitrosodiphenylamine	10.586	169	714258	72.221	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	389253	75.954	ng	98
68) Hexachlorobenzene	11.022	284	525440	74.398	ng	99
69) Atrazine	11.110	200	219693	76.710	ng	99
70) Pentachlorophenol	11.216	266	311232	88.529	ng	99
71) Phenanthrene	11.439	178	1108268	71.783	ng	99
72) Anthracene	11.492	178	1136970	73.416	ng	99
73) Carbazole	11.645	167	1018624	75.229	ng	100
74) Di-n-butylphthalate	11.974	149	1239778	79.613	ng	100
75) Fluoranthene	12.627	202	1217249	78.389	ng	99
77) Benzidine	12.751	184	600496	66.788	ng	100
78) Pyrene	12.857	202	1279855	70.553	ng	99
80) Butylbenzylphthalate	13.480	149	528060	84.139	ng	97
81) Benzo(a)anthracene	14.051	228	1467968	74.057	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	687295	80.036	ng	99
83) Chrysene	14.086	228	1352077	75.382	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	726710	78.996	ng	100
85) Di-n-octyl phthalate	14.657	149	1372332	82.239	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	3299429	77.396	ng	99
88) Benzo(b)fluoranthene	15.104	252	2247670	78.555	ng	98
89) Benzo(k)fluoranthene	15.139	252	2033980	70.756	ng	99
90) Benzo(a)pyrene	15.480	252	2063204	76.712	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	2621312	75.178	ng	99
92) Benzo(g,h,i)perylene	17.503	276	2625358	78.108	ng	100

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

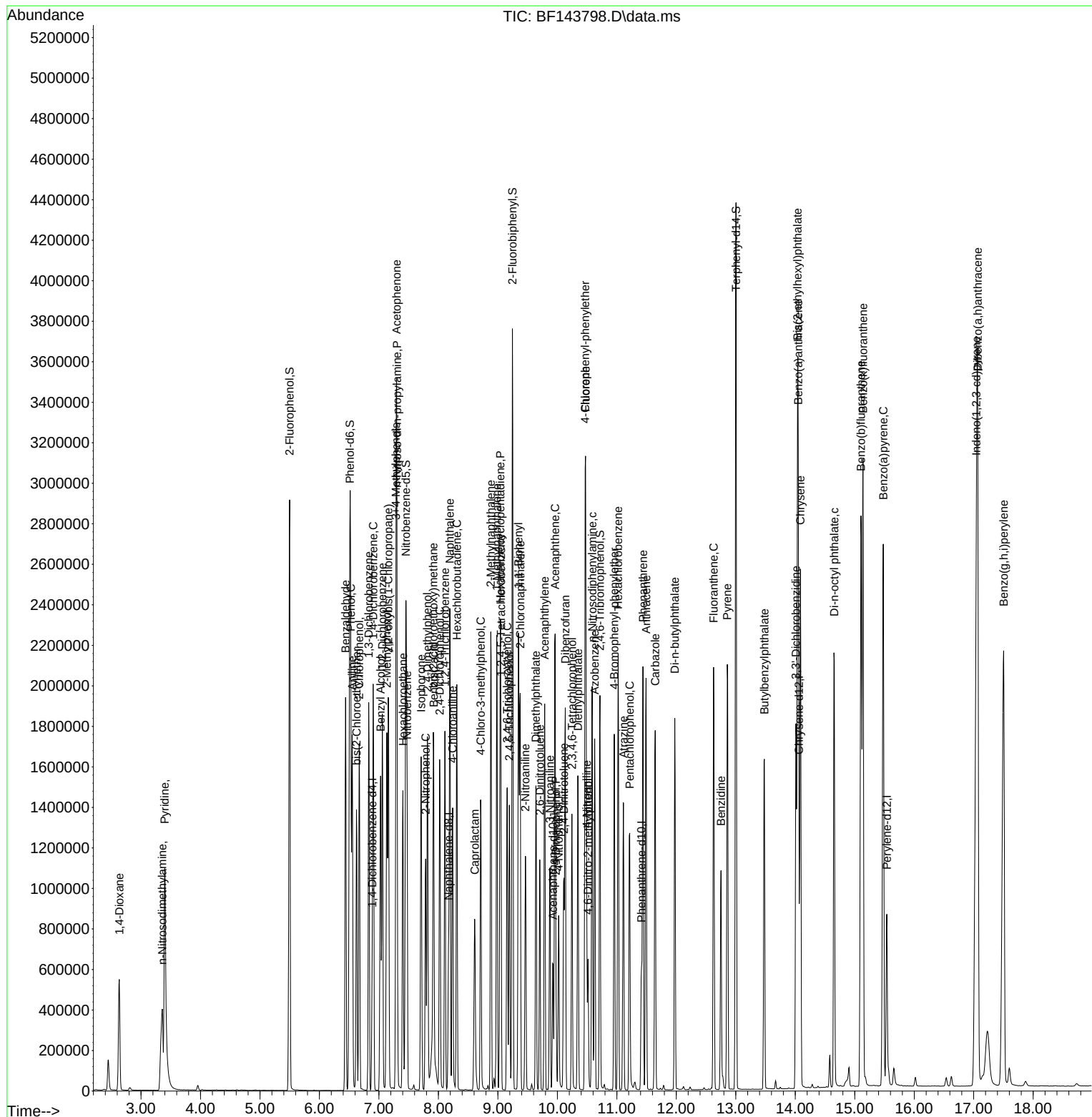
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 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

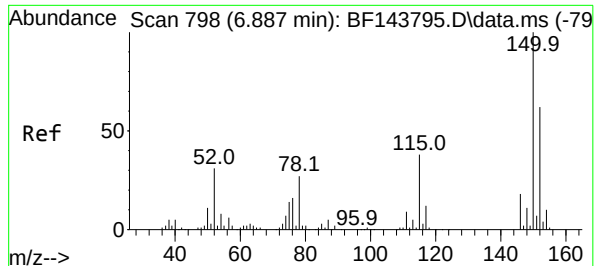
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 ClientSampleId :
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Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

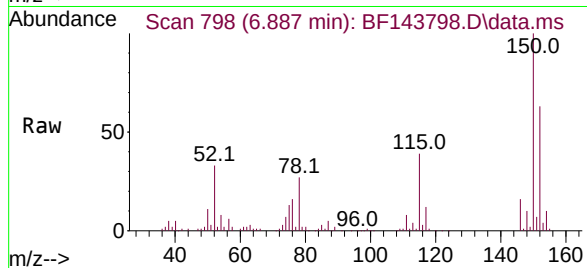
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

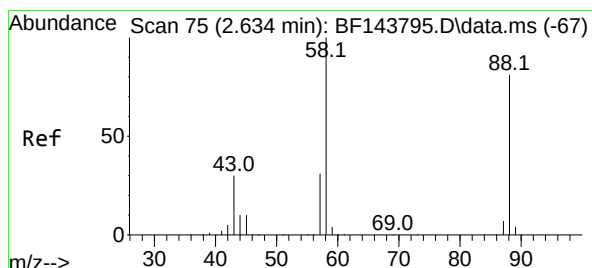
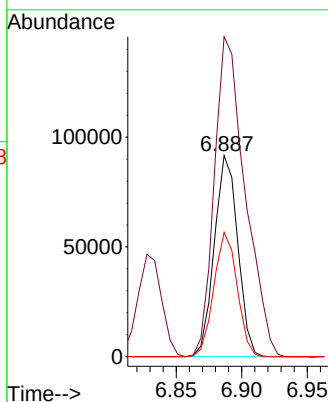
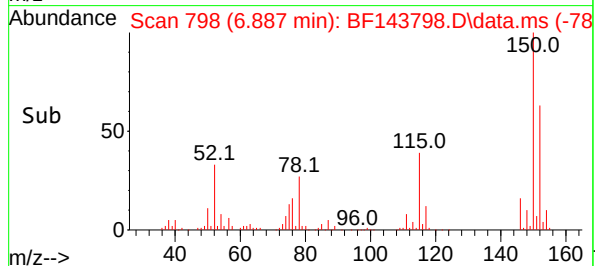
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 114150
Ion Ratio Lower Upper
152 100
150 159.2 129.6 194.4
115 61.8 49.0 73.4

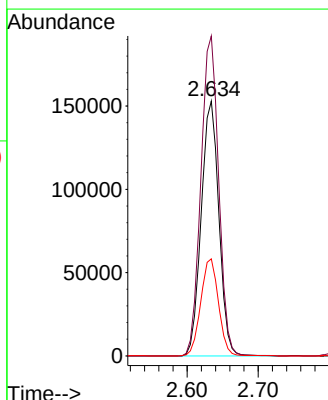
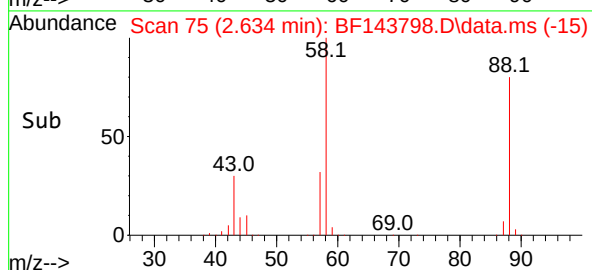
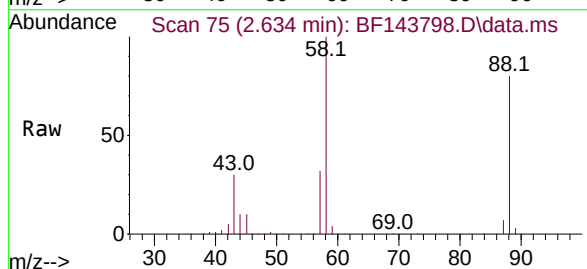
Manual Integrations
APPROVED

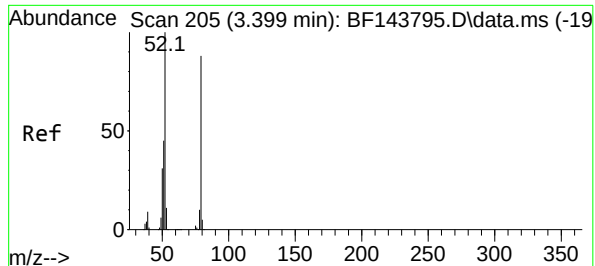
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 78.385 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

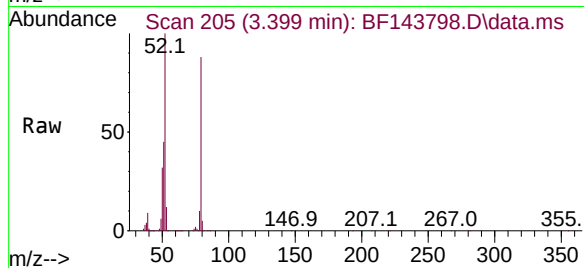
Tgt Ion: 88 Resp: 263600
Ion Ratio Lower Upper
88 100
58 126.1 99.4 149.2
43 38.3 30.6 45.8





#3
Pyridine
Concen: 77.500 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

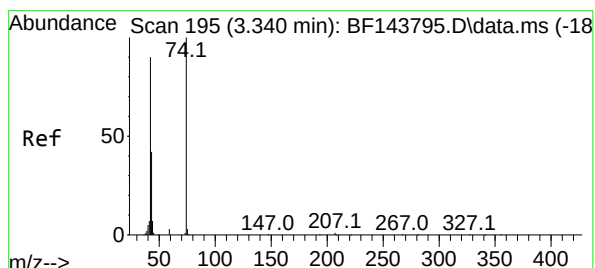
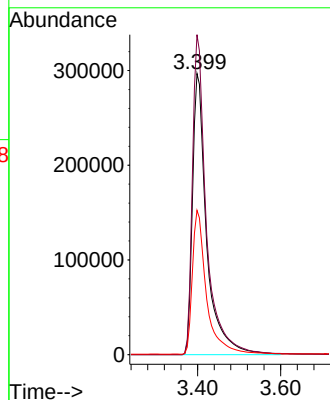
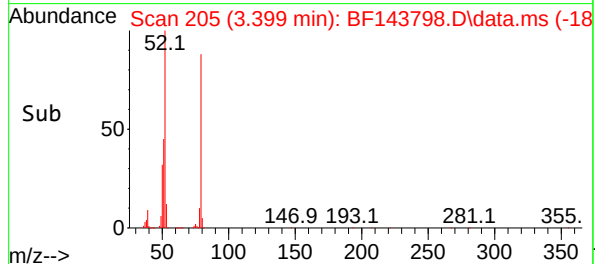
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 703509
Ion Ratio Lower Upper
79 100
52 113.9 90.5 135.7
51 51.3 40.6 61.0

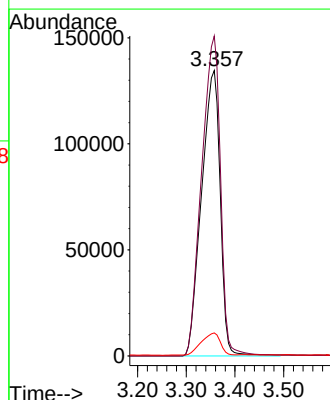
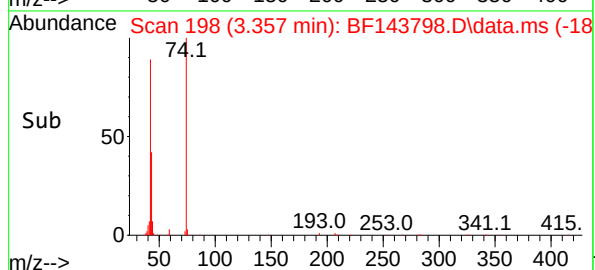
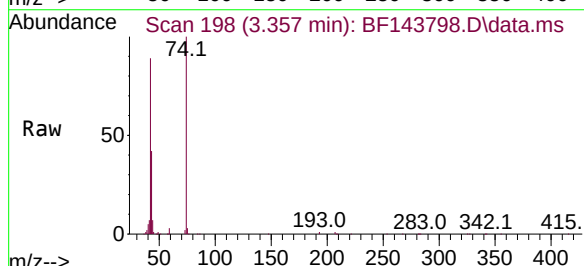
Manual Integrations
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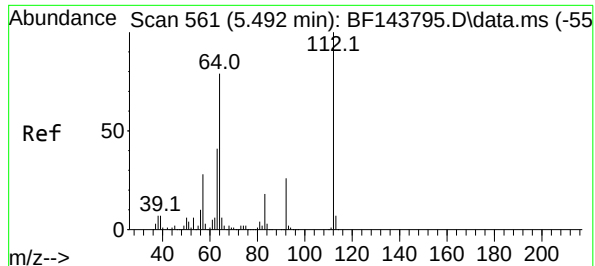
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 78.776 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

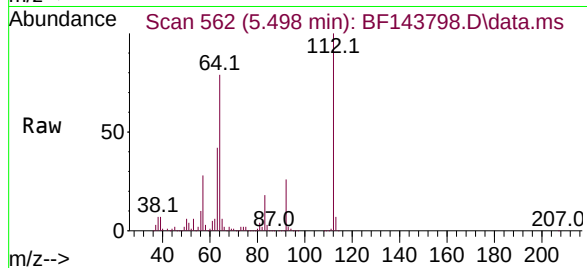
Tgt Ion: 42 Resp: 358564
Ion Ratio Lower Upper
42 100
74 112.1 89.1 133.7
44 8.1 6.4 9.6





#5
2-Fluorophenol
Concen: 144.655 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

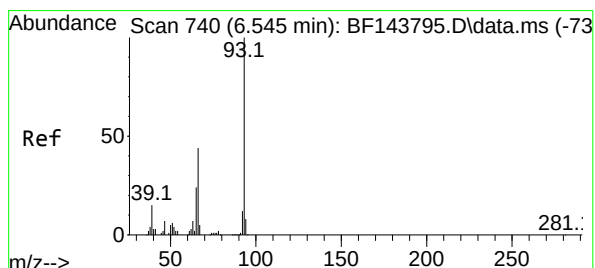
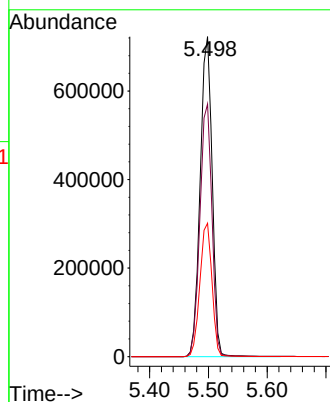
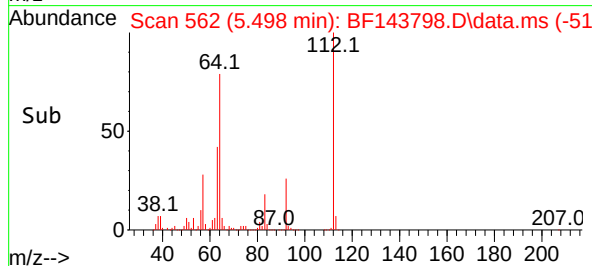
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 102602
Ion Ratio Lower Upper
112 100
64 78.9 63.0 94.4
63 41.7 32.6 49.0

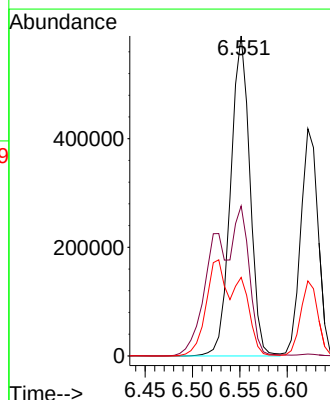
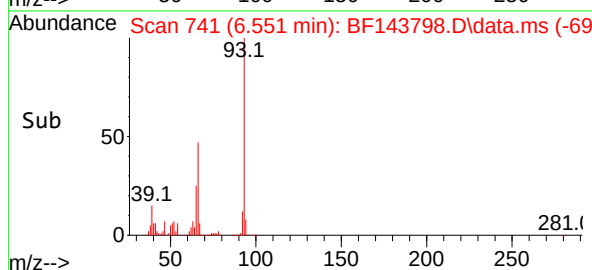
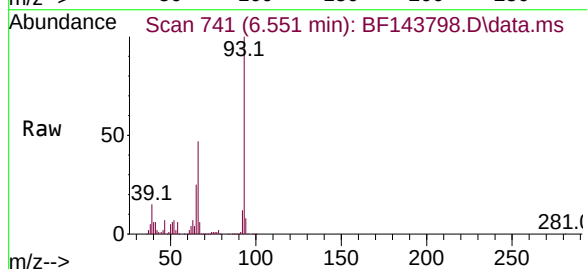
Manual Integrations
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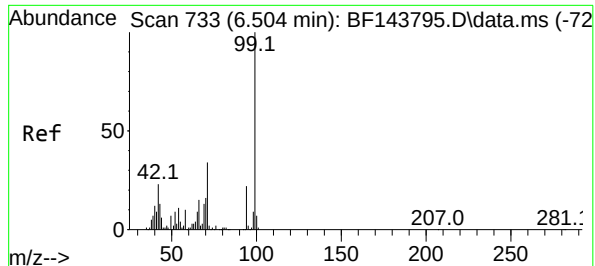
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 70.770 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

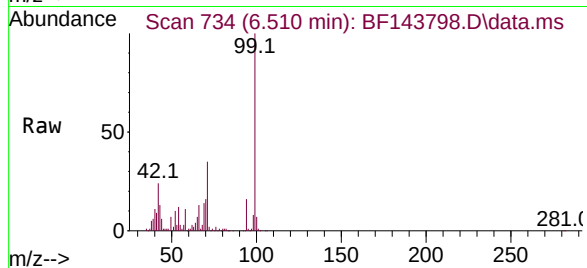
Tgt Ion: 93 Resp: 833840
Ion Ratio Lower Upper
93 100
66 46.9 37.1 55.7
65 24.5 19.4 29.0





#7
Phenol-d6
Concen: 138.192 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

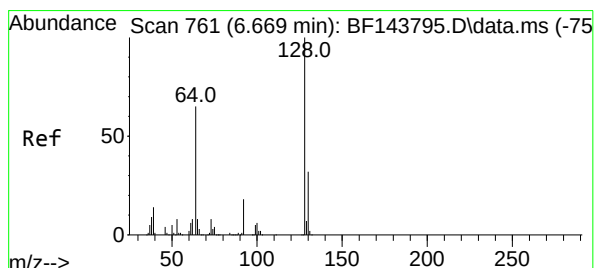
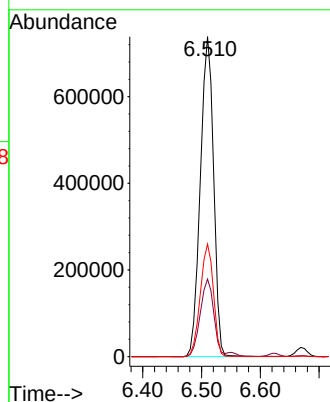
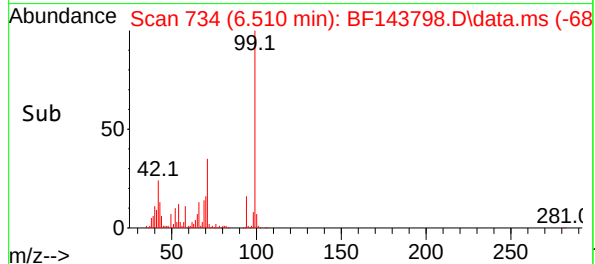
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 115668
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 35.2 27.0 40.4

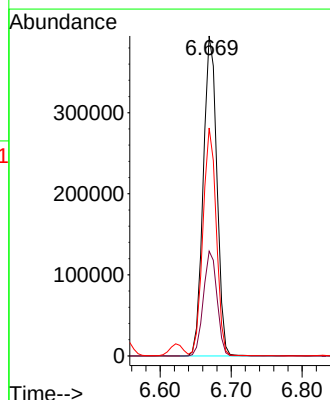
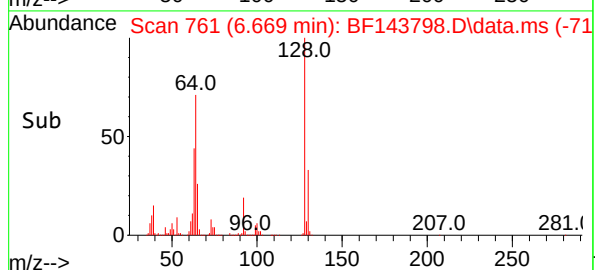
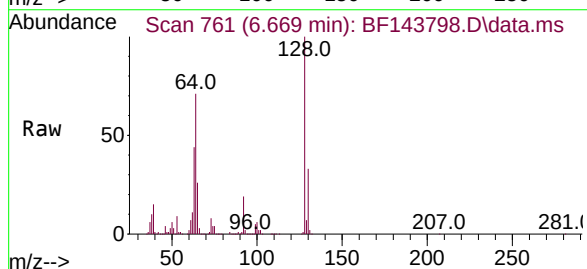
Manual Integrations
APPROVED

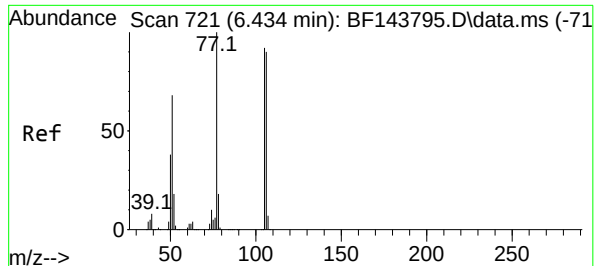
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 72.726 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:128 Resp: 523096
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 71.2 46.5 86.5





#9

Benzaldehyde

Concen: 72.121 ng

RT: 6.439 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF143798.D

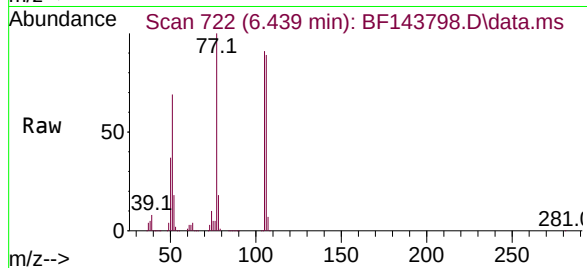
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 77 Resp: 512709

Ion Ratio Lower Upper

77 100

105 91.4 71.8 111.8

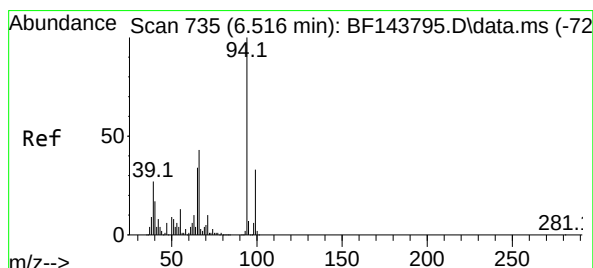
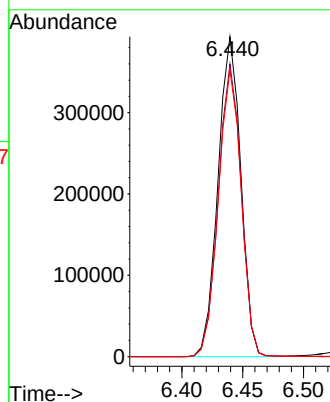
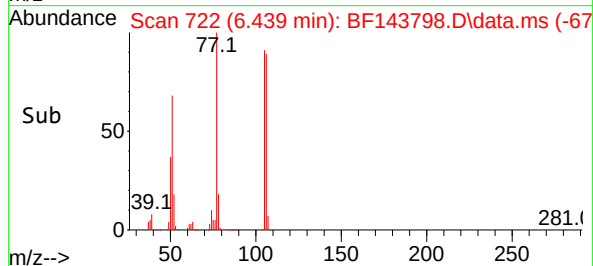
106 89.5 69.8 109.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 70.793 ng m

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

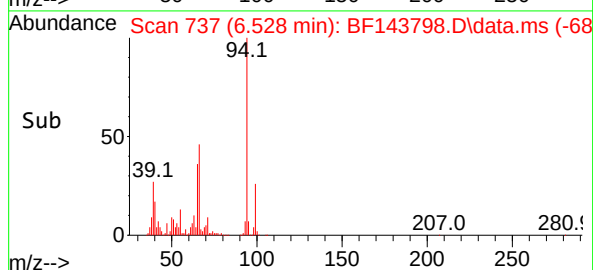
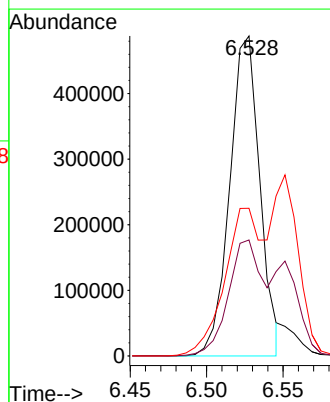
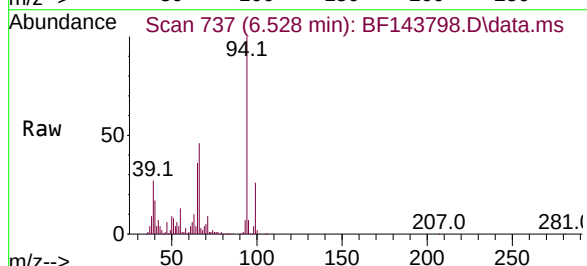
Tgt Ion: 94 Resp: 668000

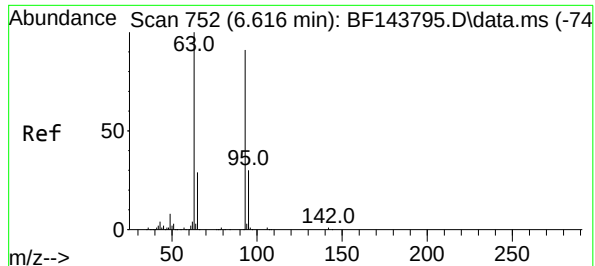
Ion Ratio Lower Upper

94 100

65 36.2 14.2 54.2

66 46.1 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 71.386 ng

RT: 6.622 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 528015

Ion Ratio Lower Upper

93 100

63 113.8 89.2 129.2

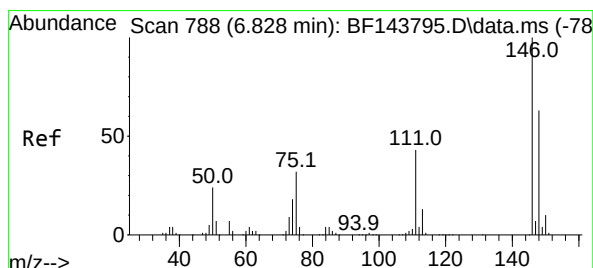
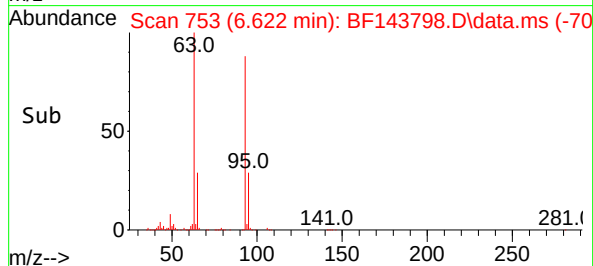
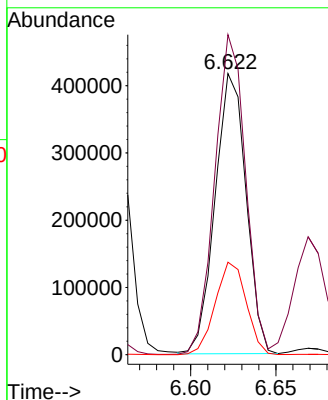
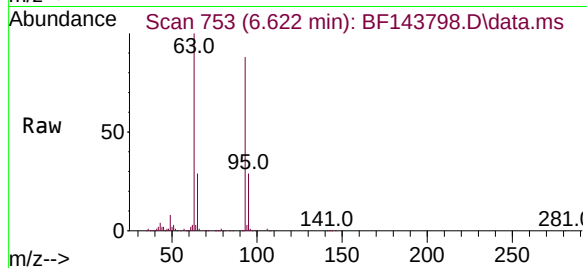
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 70.893 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

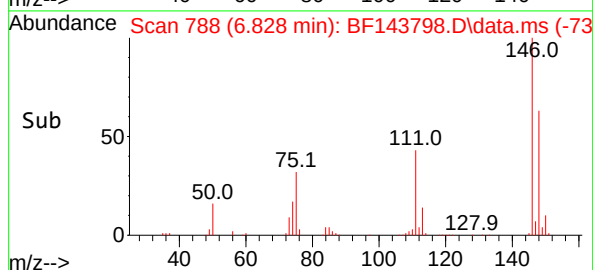
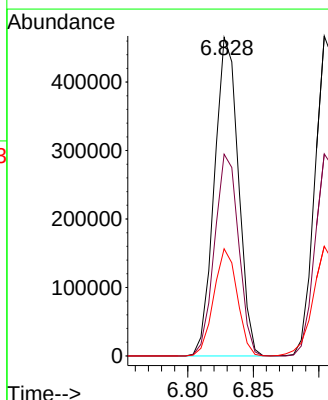
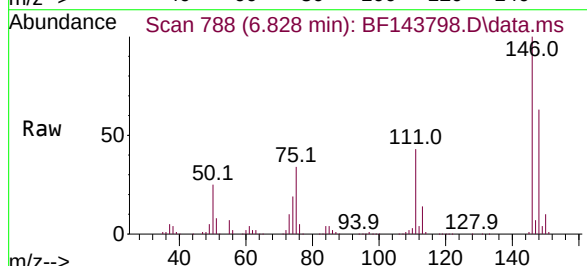
Tgt Ion:146 Resp: 592035

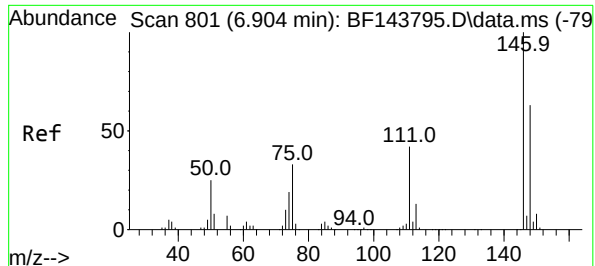
Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

75 33.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 70.485 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 587436

Ion Ratio Lower Upper

146 100

148 63.1 50.7 76.1

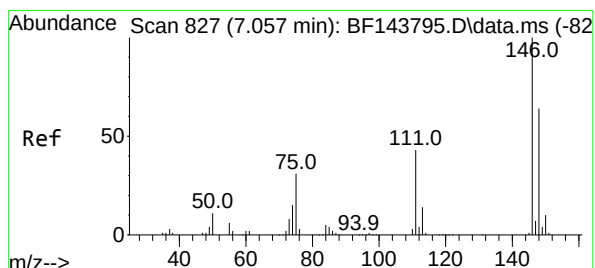
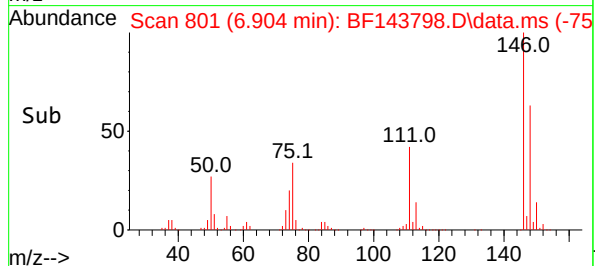
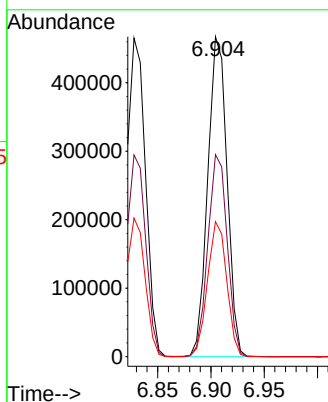
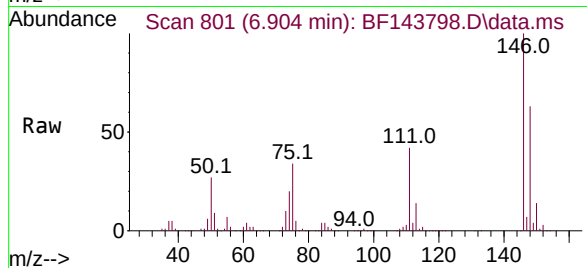
111 42.2 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 70.268 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

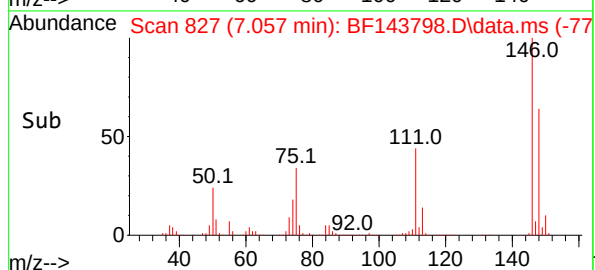
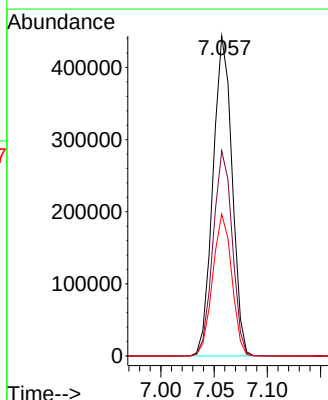
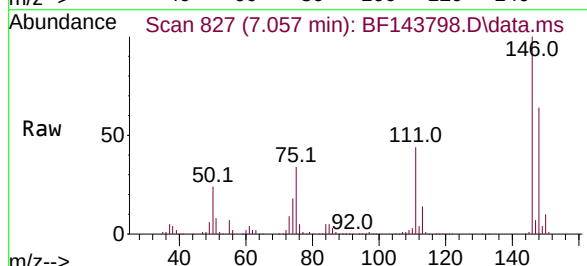
Tgt Ion:146 Resp: 554647

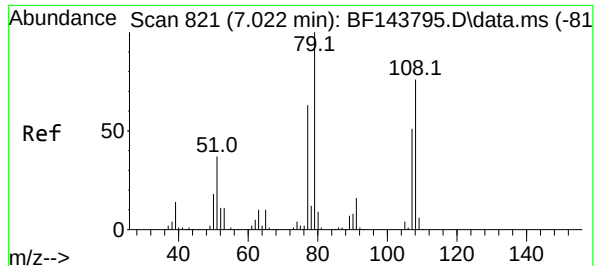
Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

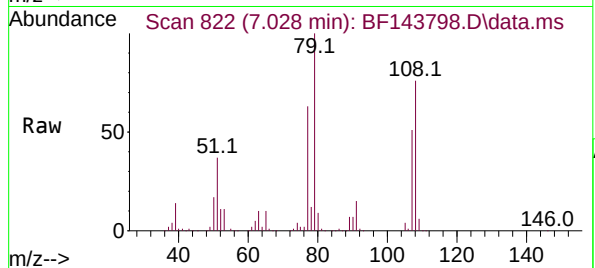
111 44.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 72.870 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

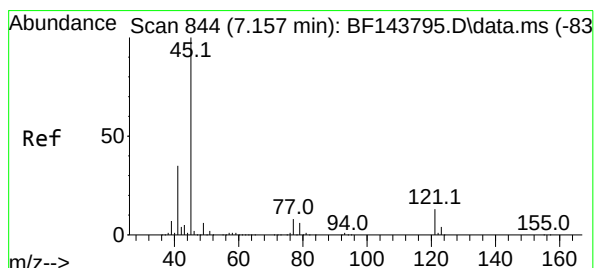
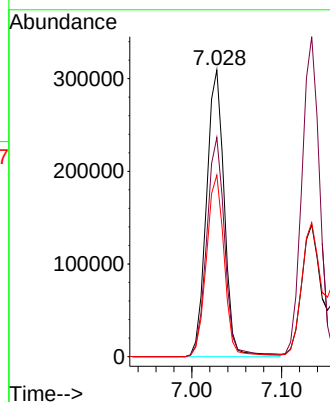
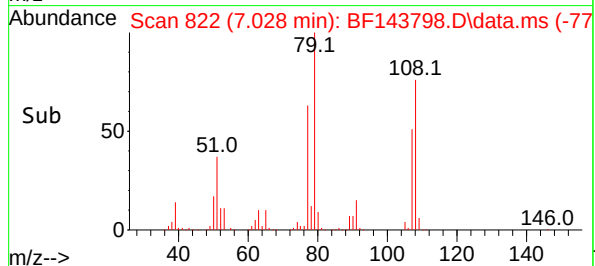
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 427439
Ion Ratio Lower Upper
79 100
108 76.4 60.5 90.7
77 63.3 50.3 75.5

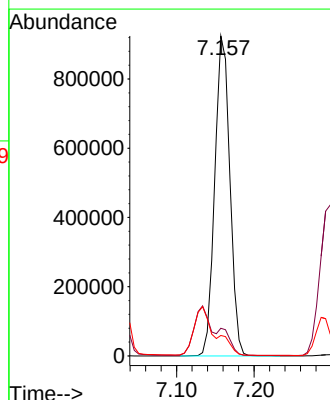
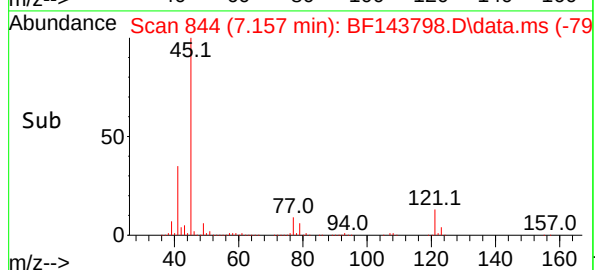
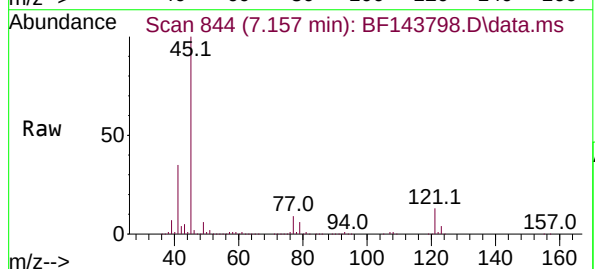
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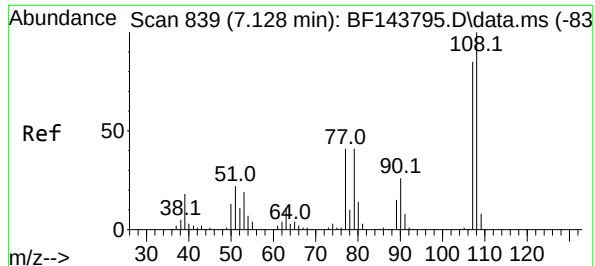
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.282 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

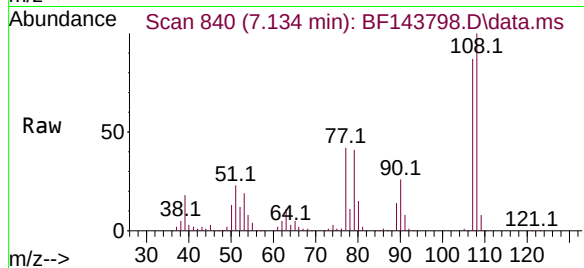
Tgt Ion: 45 Resp: 1250239
Ion Ratio Lower Upper
45 100
77 8.6 0.0 28.5
79 6.4 0.0 26.3





#17
2-Methylphenol
Concen: 72.168 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

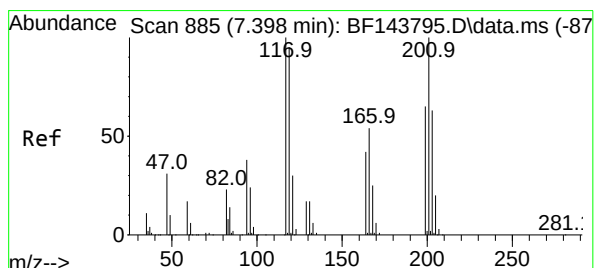
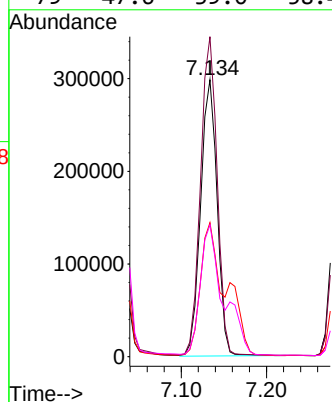
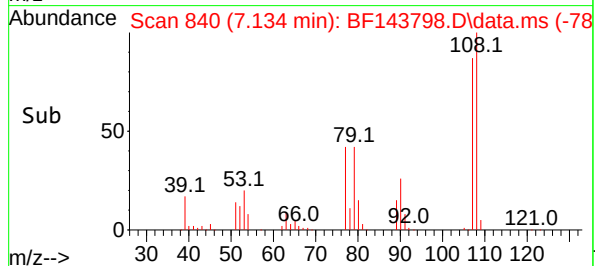
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



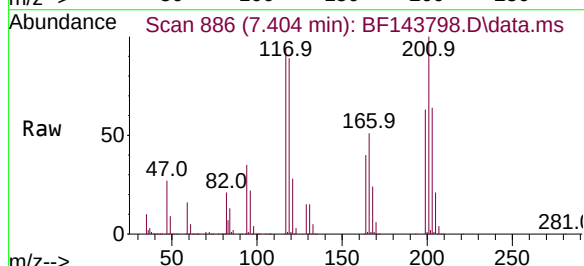
Tgt Ion:107 Resp: 401874
Ion Ratio Lower Upper
107 100
108 115.6 94.2 141.4
77 48.4 38.6 58.0
79 47.6 39.0 58.4

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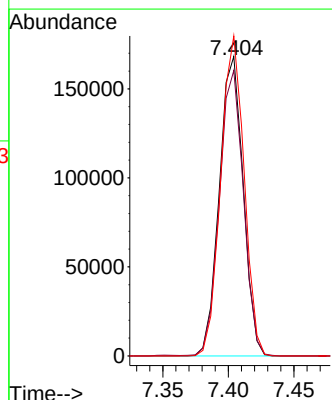
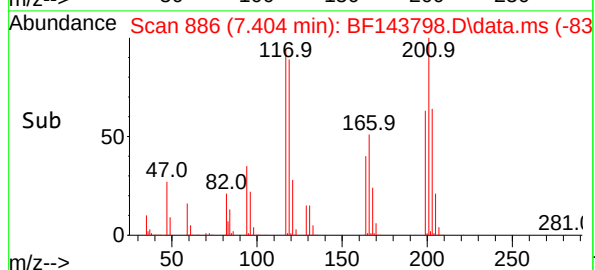
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

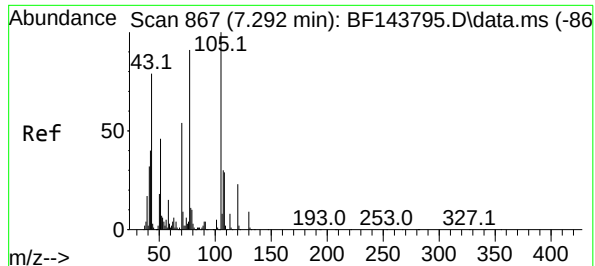


#18
Hexachloroethane
Concen: 72.909 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:117 Resp: 213691
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
201 106.8 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 66.866 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 349063

Ion Ratio Lower Upper

70 100

42 75.3 59.4 89.0

101 8.8 7.1 10.7

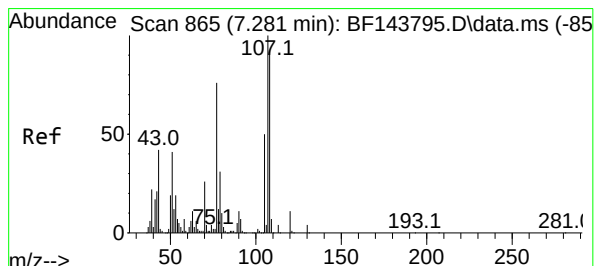
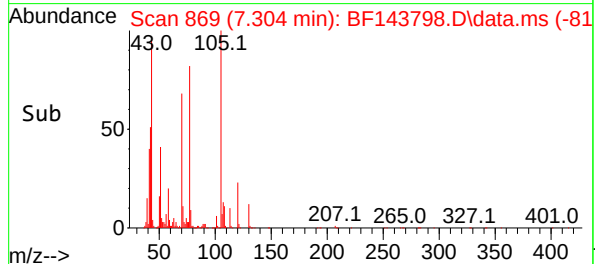
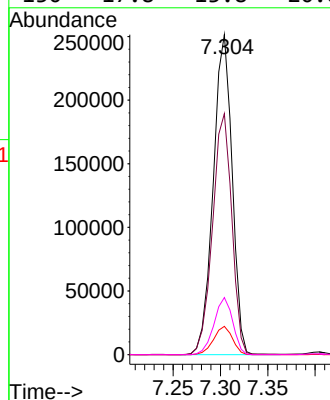
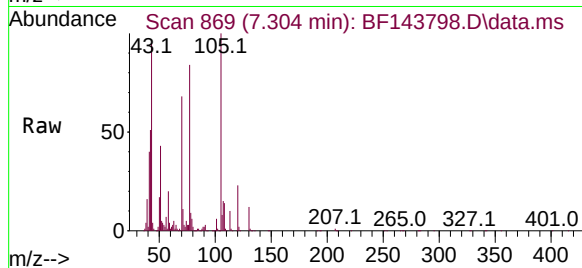
130 17.8 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 68.853 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 466916

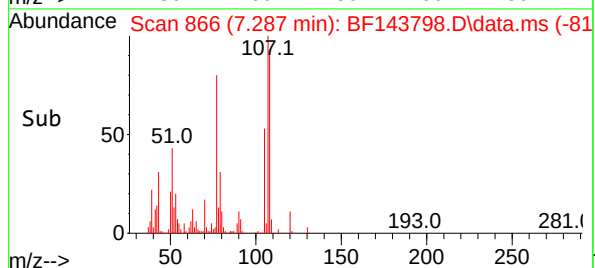
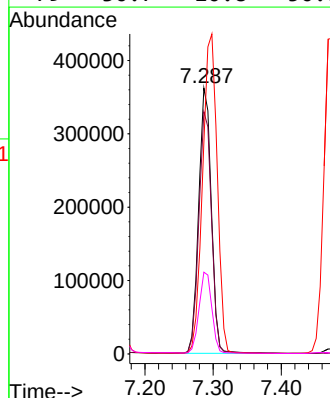
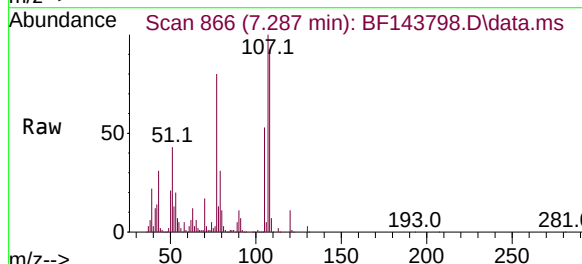
Ion Ratio Lower Upper

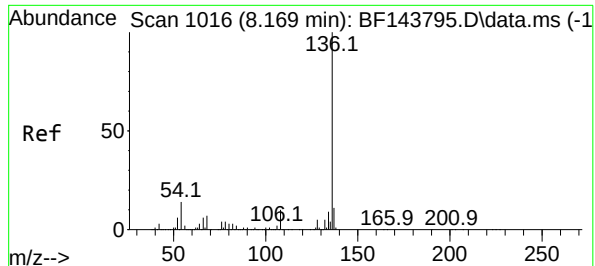
107 100

108 91.1 72.5 112.5

77 79.6 56.2 96.2

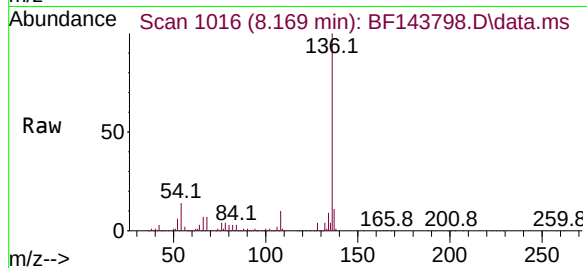
79 30.7 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

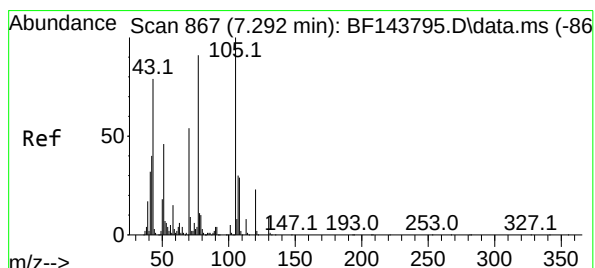
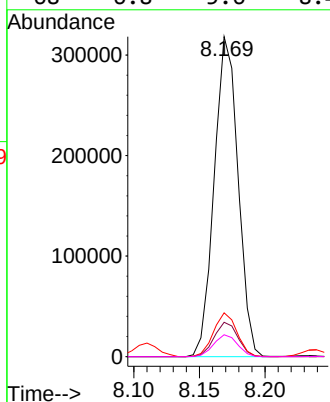
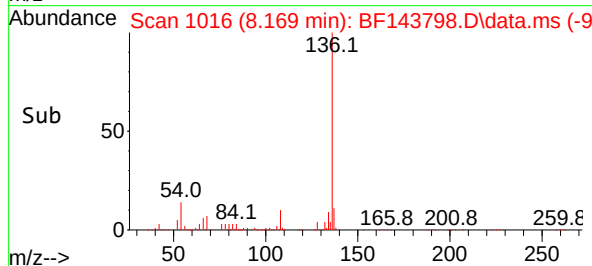
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 403097
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 13.7 11.2 16.8
68 6.8 5.6 8.4

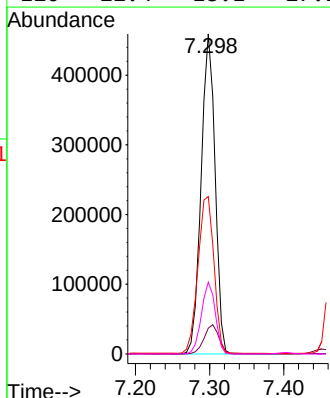
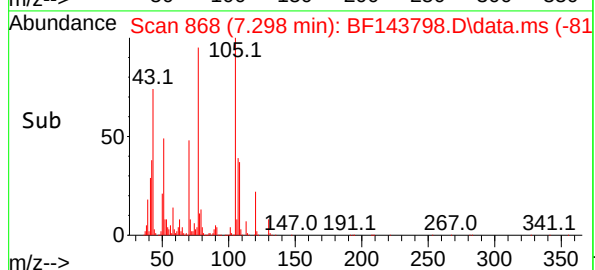
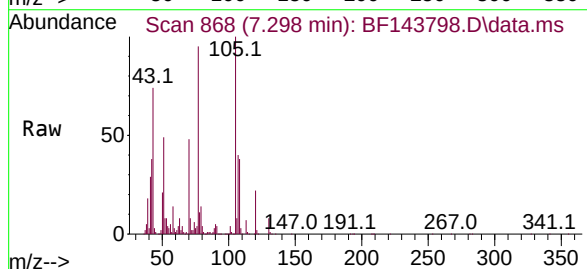
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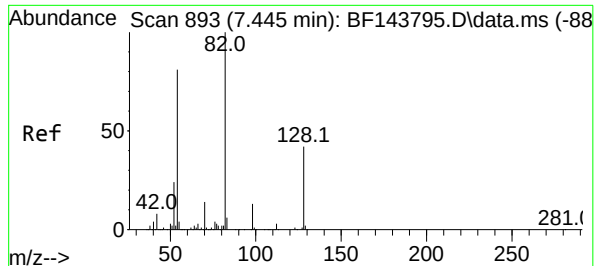
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 67.955 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

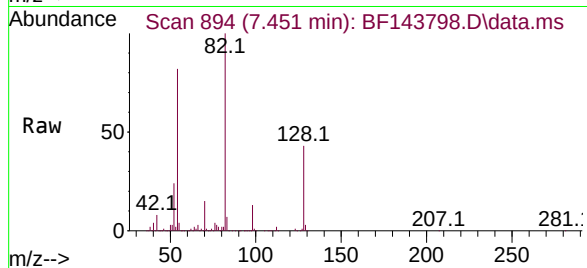
Tgt Ion:105 Resp: 601642
Ion Ratio Lower Upper
105 100
71 8.0 7.0 10.4
51 49.2 36.6 55.0
120 22.4 18.1 27.1





#23
Nitrobenzene-d5
Concen: 154.839 ng
RT: 7.451 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

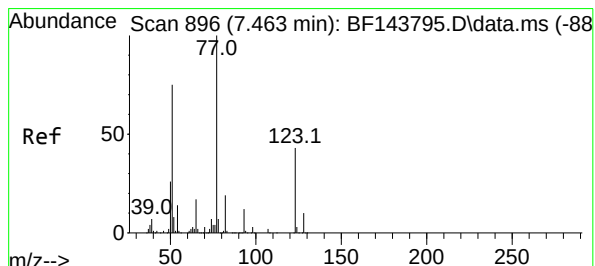
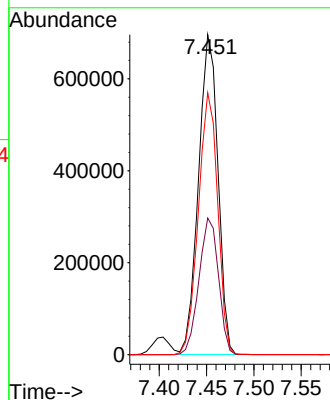
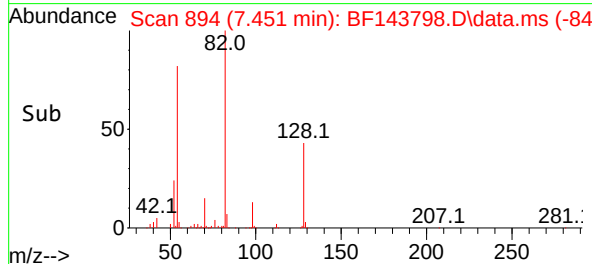
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 991785
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 81.8 64.2 96.4

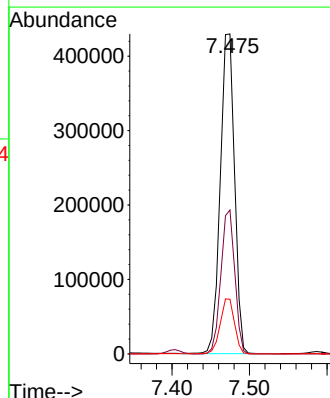
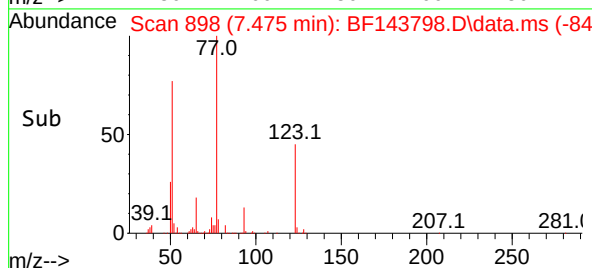
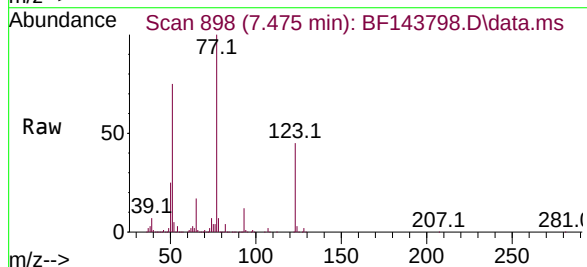
Manual Integrations
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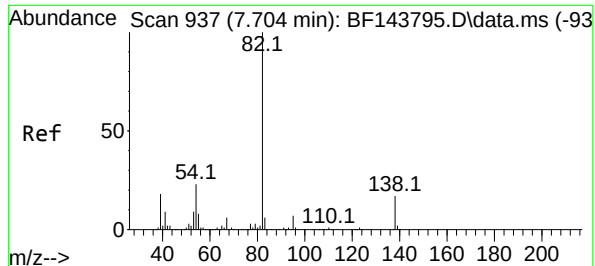
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 75.655 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

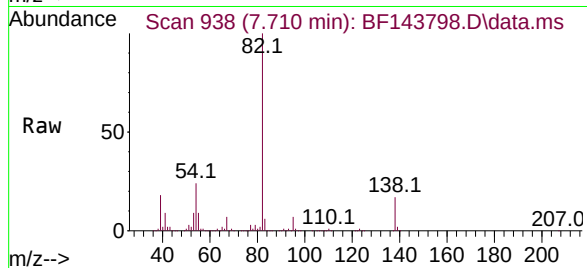
Tgt Ion: 77 Resp: 552229
Ion Ratio Lower Upper
77 100
123 45.0 34.0 51.0
65 17.1 13.5 20.3





#25
Isophorone
Concen: 72.232 ng
RT: 7.710 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

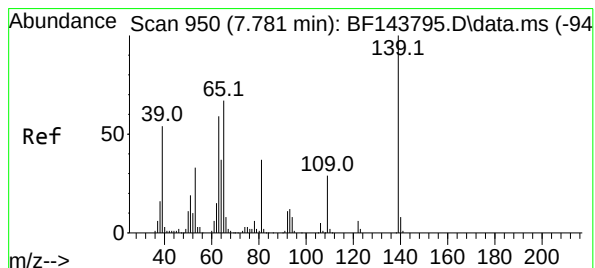
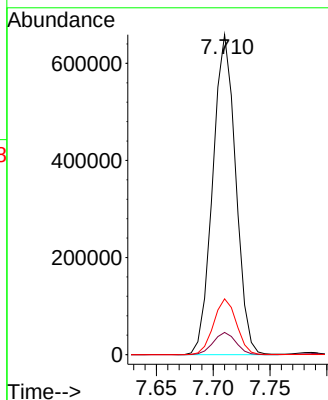
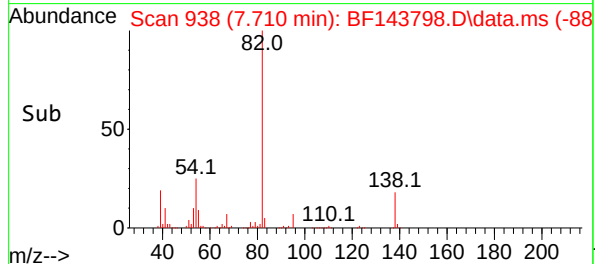
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



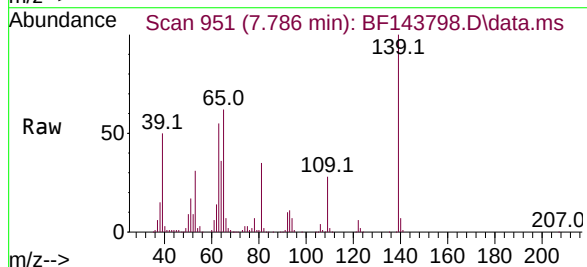
Tgt Ion: 82 Resp: 926928
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.5 13.7 20.5

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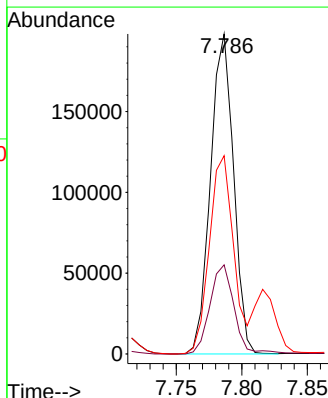
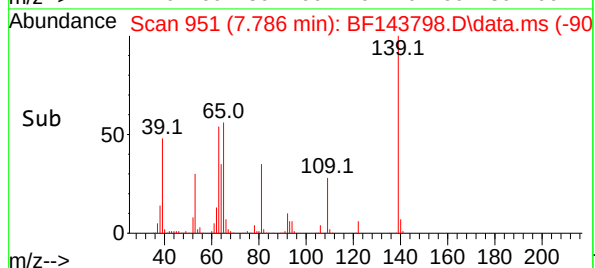
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

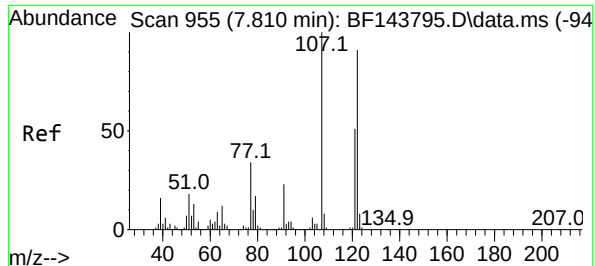


#26
2-Nitrophenol
Concen: 78.881 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



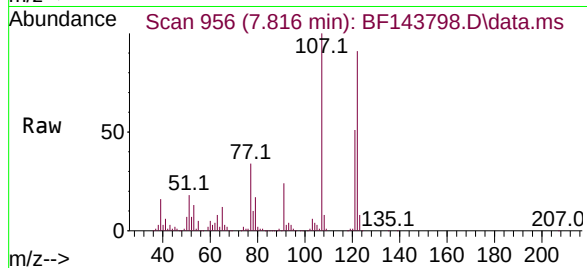
Tgt Ion:139 Resp: 241928
Ion Ratio Lower Upper
139 100
109 27.8 23.3 34.9
65 61.9 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 73.324 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

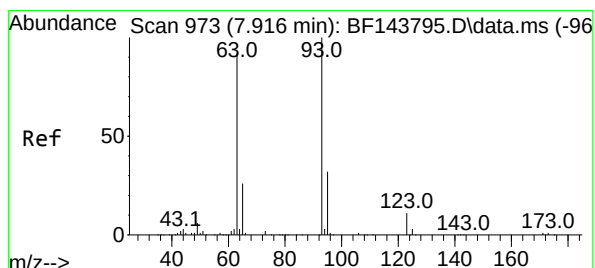
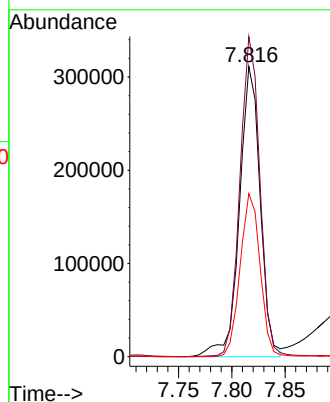
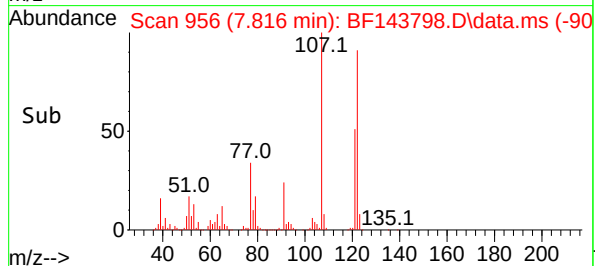
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 420564
Ion Ratio Lower Upper
122 100
107 110.3 87.5 131.3
121 56.1 44.2 66.4

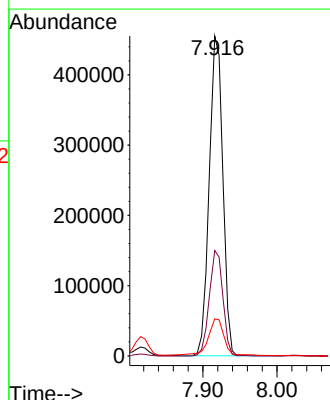
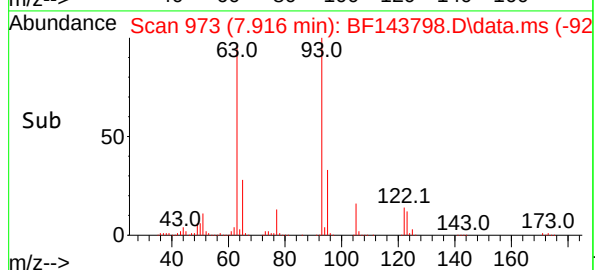
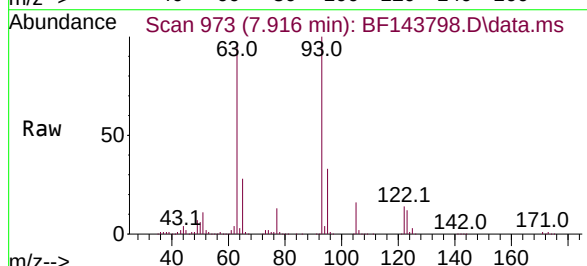
Manual Integrations
APPROVED

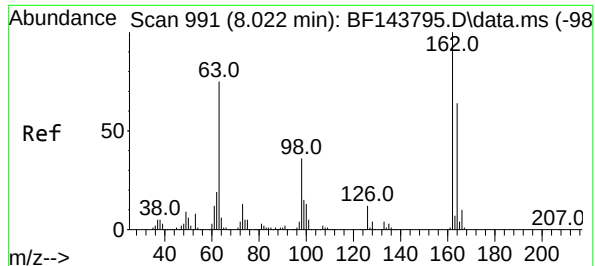
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 69.544 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 93 Resp: 579809
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 74.200 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 418769

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

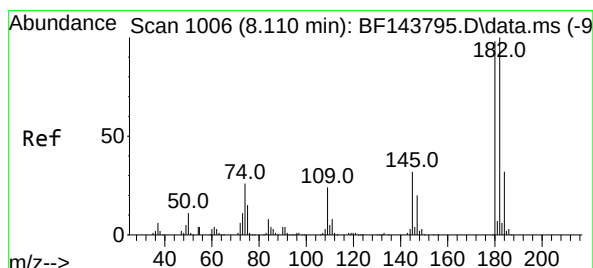
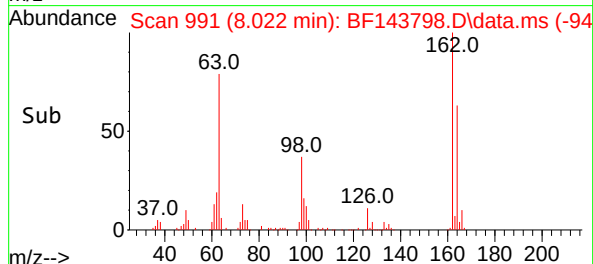
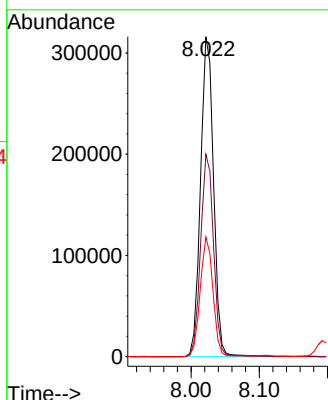
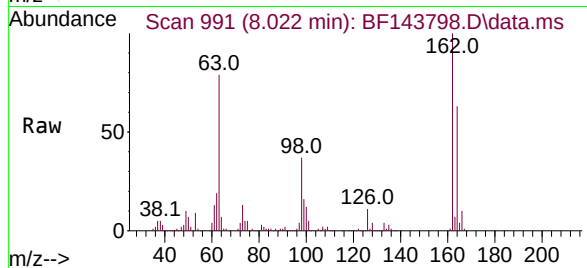
98 37.3 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 72.784 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

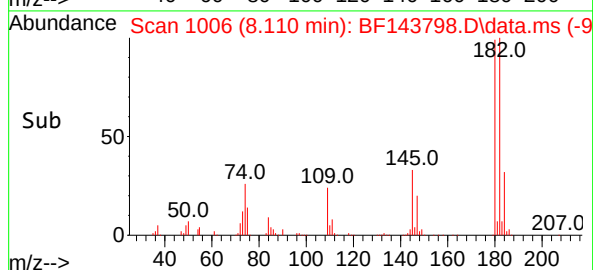
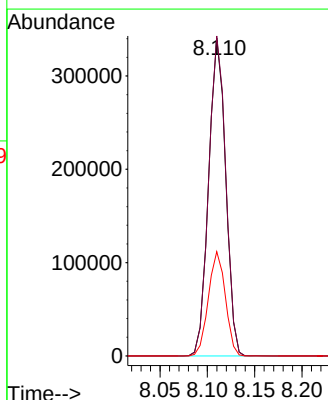
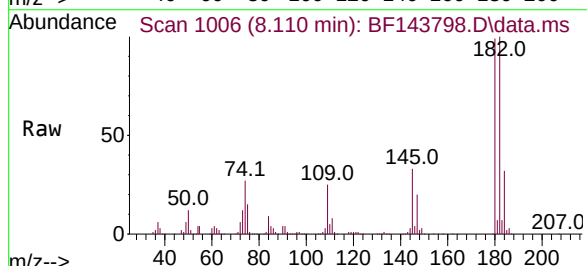
Tgt Ion:180 Resp: 426294

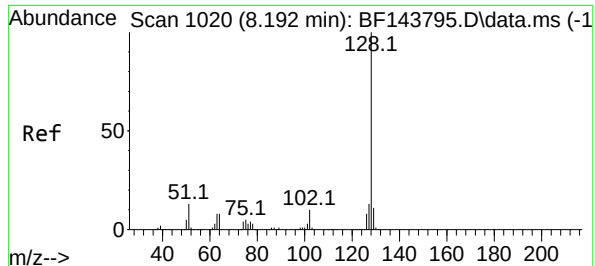
Ion Ratio Lower Upper

180 100

182 100.7 82.0 123.0

145 32.8 25.9 38.9





#31

Naphthalene

Concen: 68.985 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:128 Resp: 1331192

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

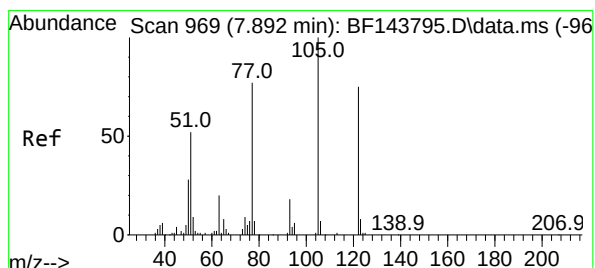
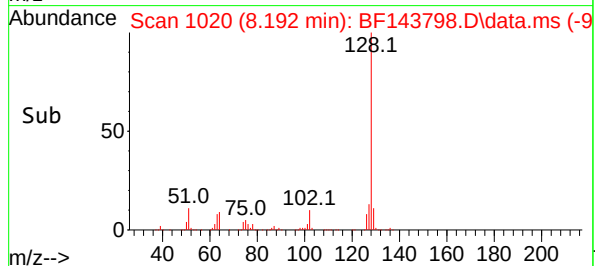
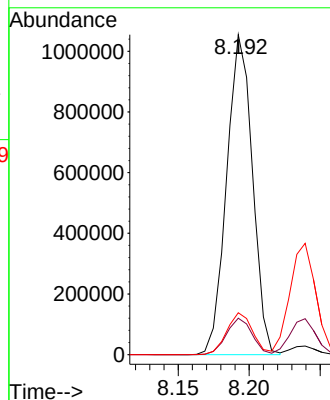
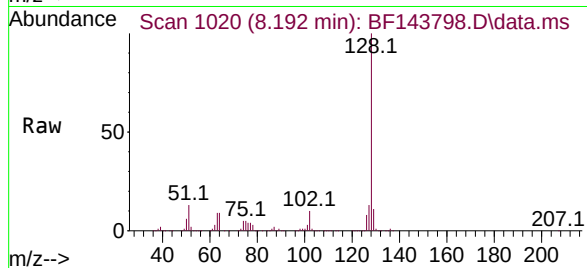
127 13.1 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#32

Benzoic acid

Concen: 93.800 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

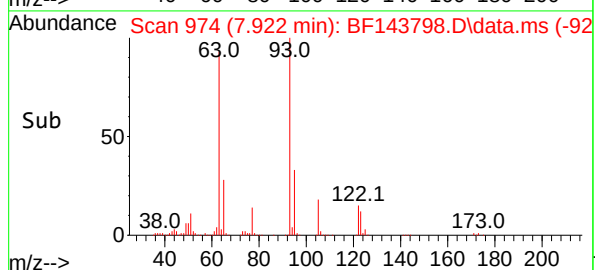
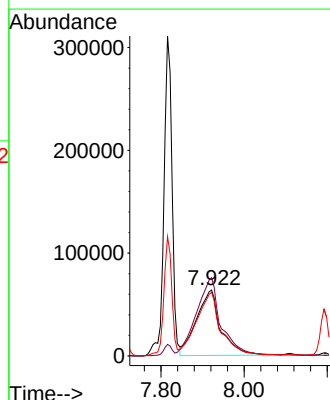
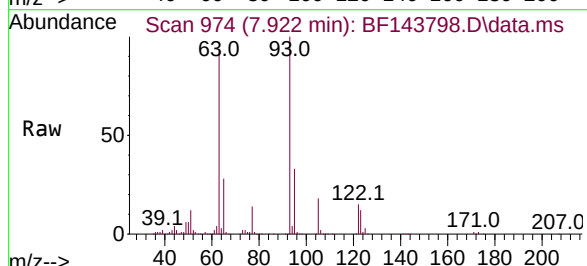
Tgt Ion:122 Resp: 259578

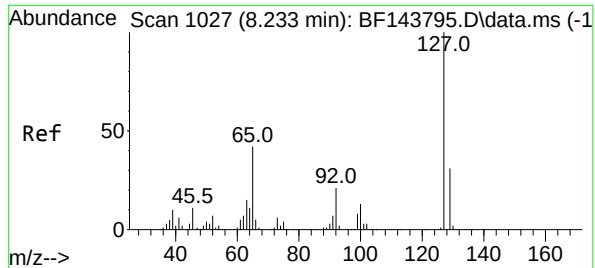
Ion Ratio Lower Upper

122 100

105 118.7 103.7 143.7

77 96.1 78.8 118.8





#33

4-Chloroaniline

Concen: 70.124 ng

RT: 8.239 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 475524

Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 42.2 33.4 50.2

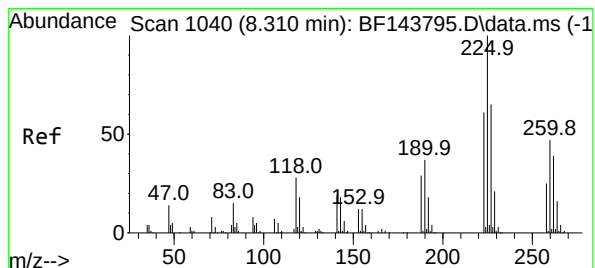
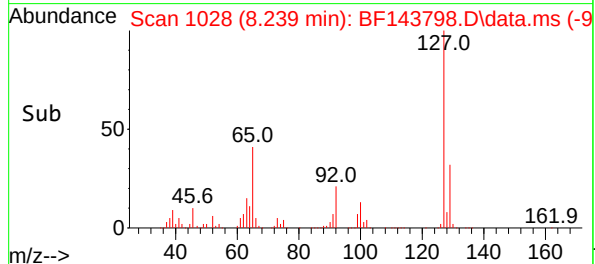
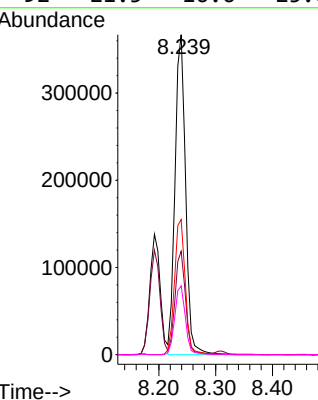
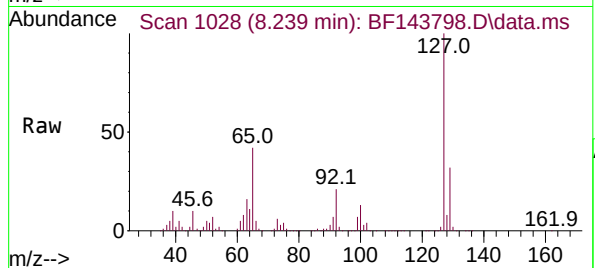
92 21.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#34

Hexachlorobutadiene

Concen: 73.390 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

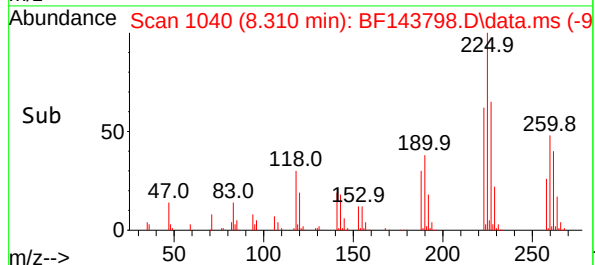
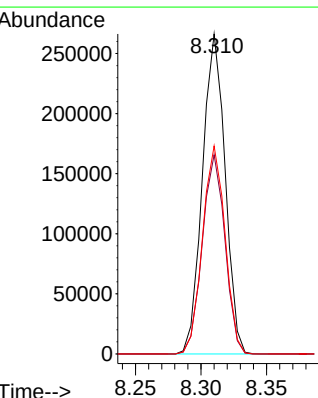
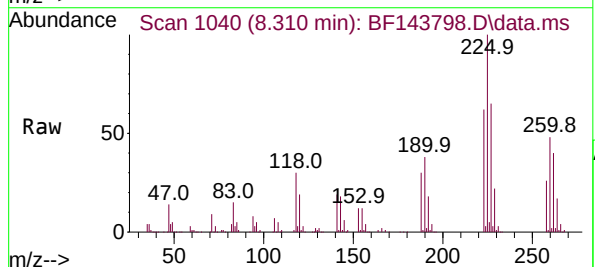
Tgt Ion:225 Resp: 320435

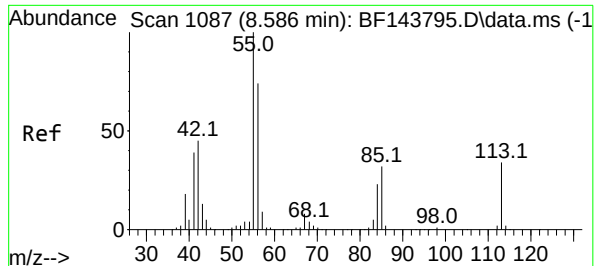
Ion Ratio Lower Upper

225 100

223 62.2 48.6 72.8

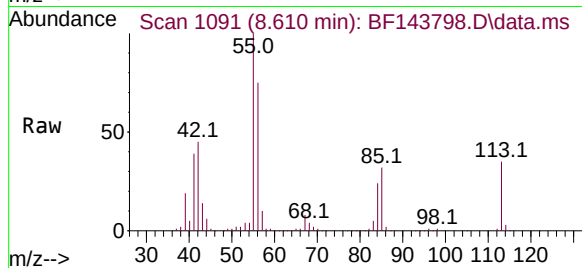
227 65.0 51.9 77.9





#35
Caprolactam
Concen: 78.007 ng
RT: 8.610 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

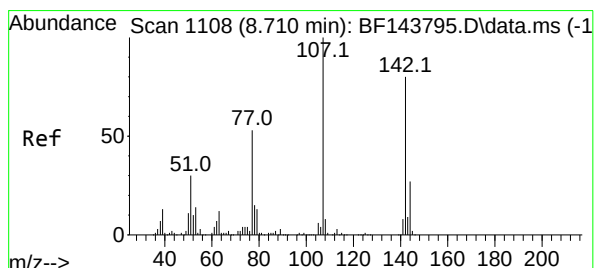
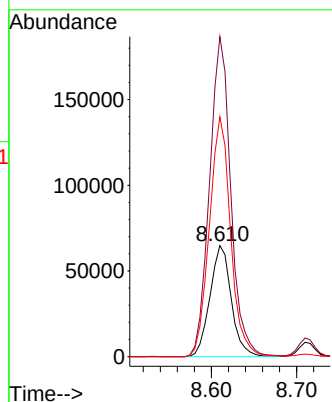
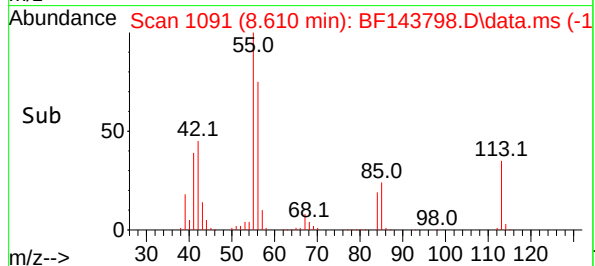
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 112528
Ion Ratio Lower Upper
113 100
55 288.2 271.7 311.7
56 215.8 194.5 234.5

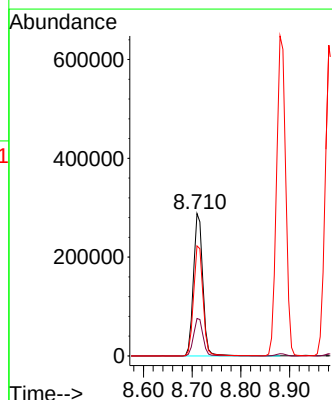
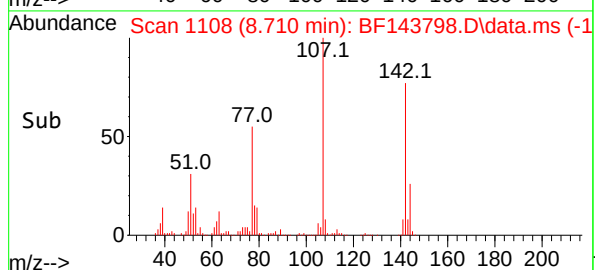
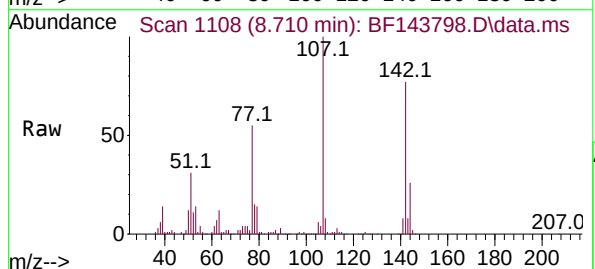
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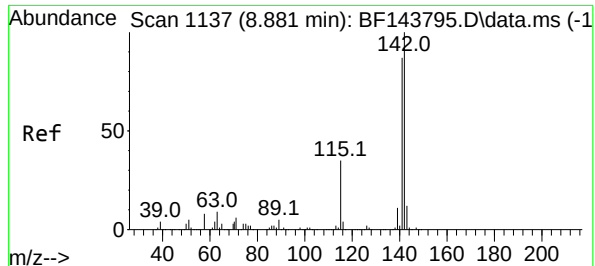
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 72.398 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 383212
Ion Ratio Lower Upper
107 100
144 26.3 21.8 32.8
142 77.3 63.6 95.4





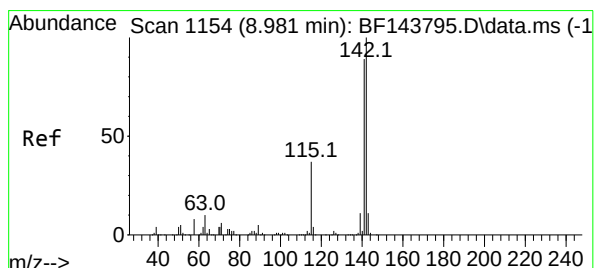
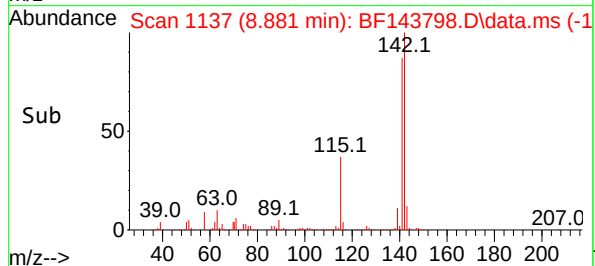
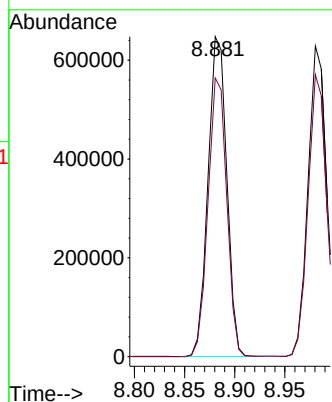
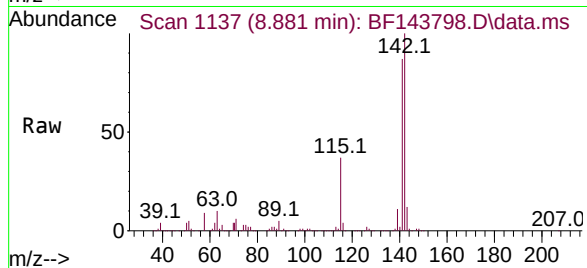
#37
2-Methylnaphthalene
Concen: 68.255 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 839849
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.0

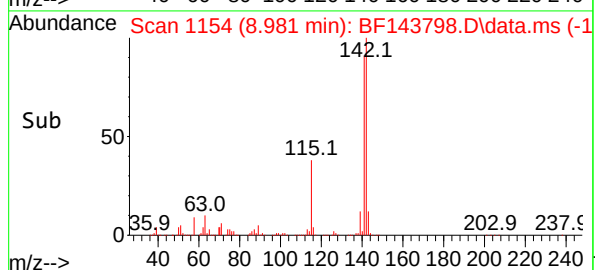
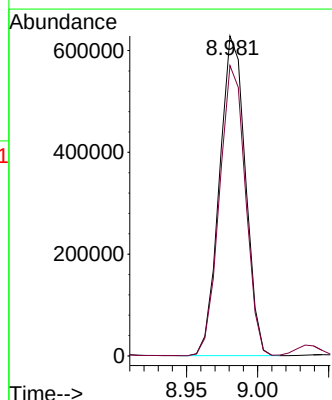
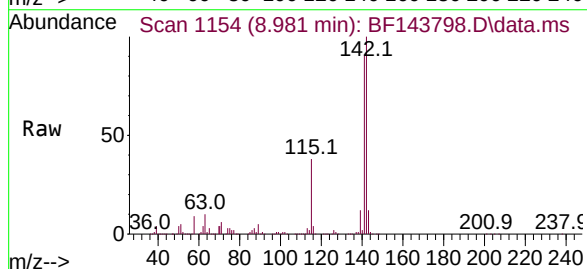
Manual Integrations
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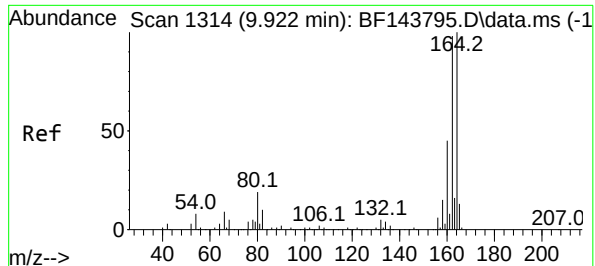
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 67.842 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

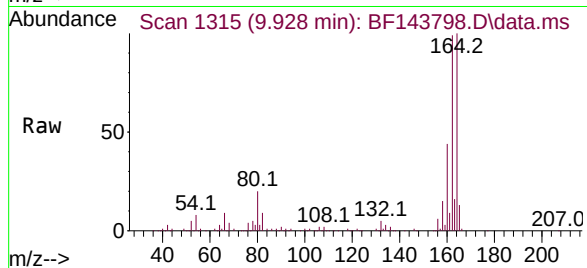
Tgt Ion:142 Resp: 799000
Ion Ratio Lower Upper
142 100
141 90.7 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

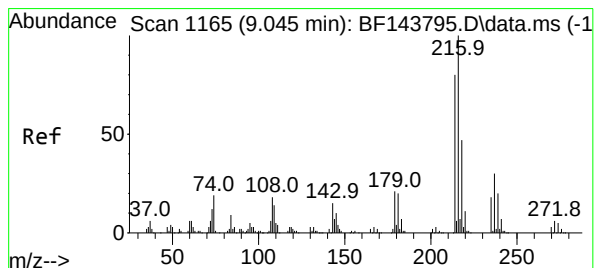
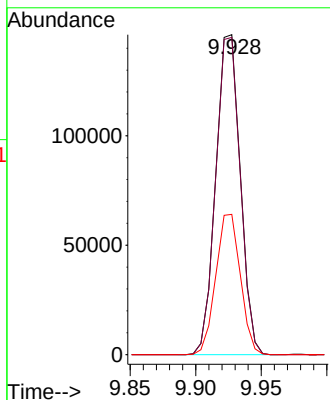
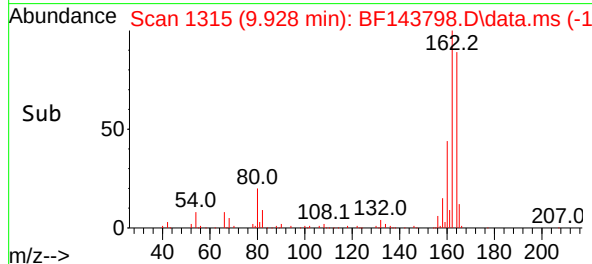
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 191047
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 43.8 35.8 53.6

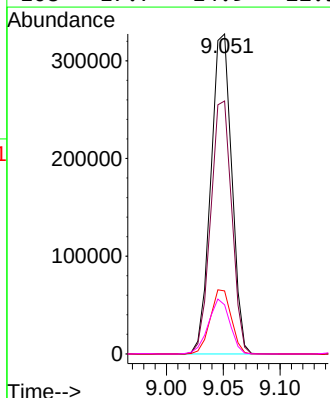
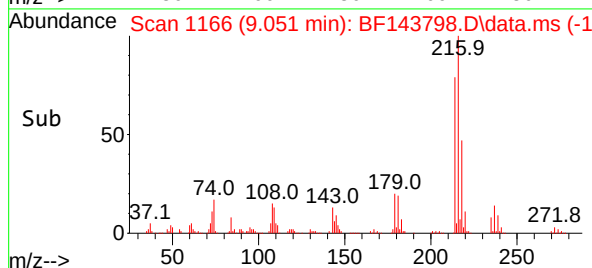
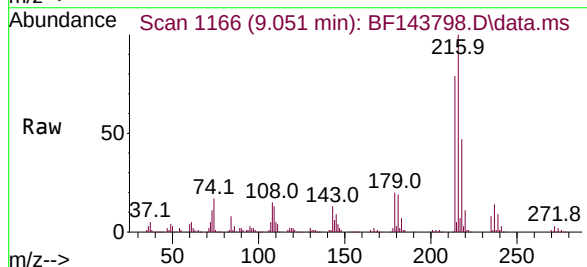
Manual Integrations
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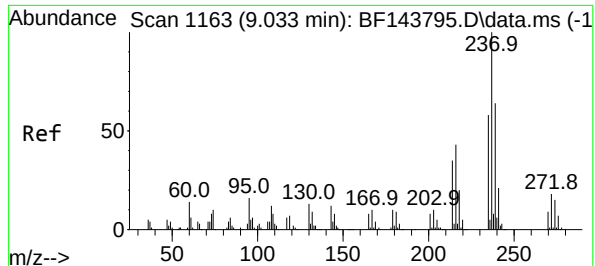
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.811 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

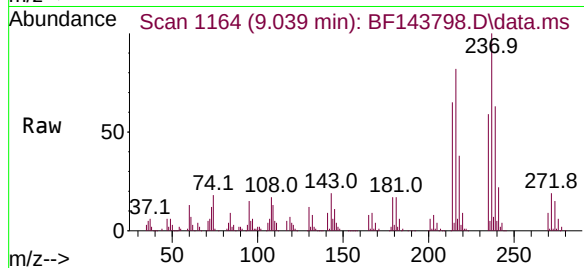
Tgt Ion:216 Resp: 419788
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.0 16.5 24.7
108 17.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 80.945 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

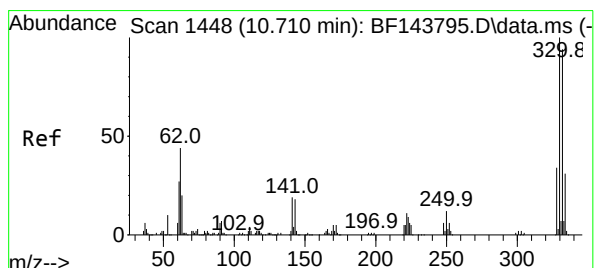
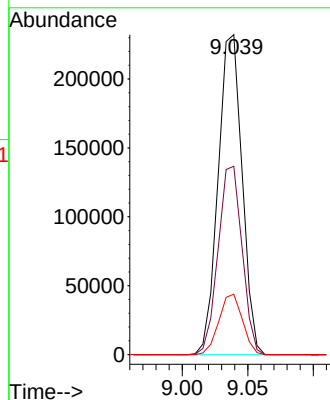
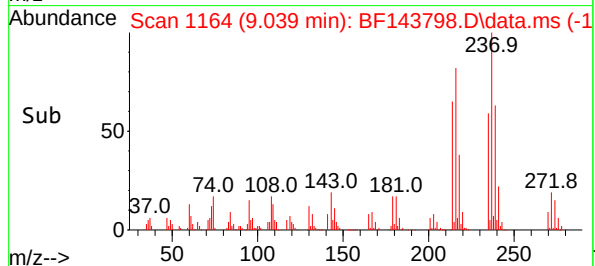
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 295776
Ion Ratio Lower Upper
237 100
235 58.9 38.1 78.1
272 18.9 0.0 37.9

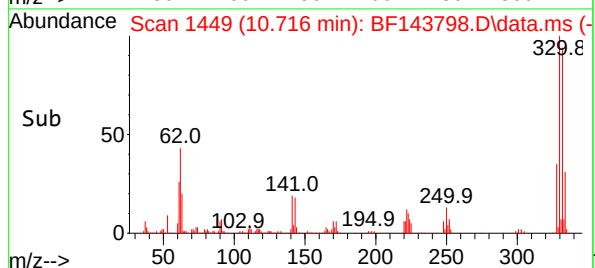
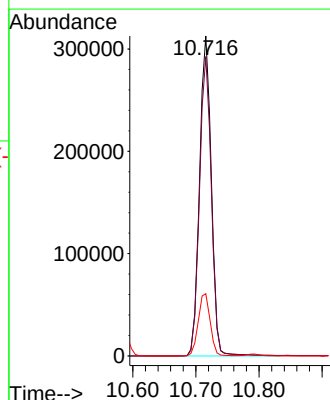
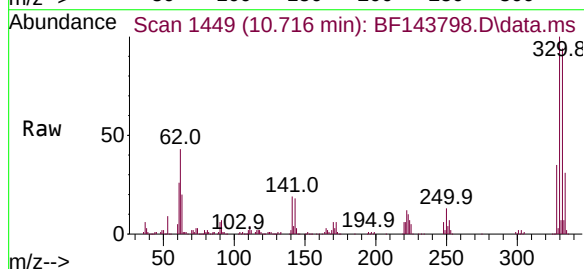
Manual Integrations
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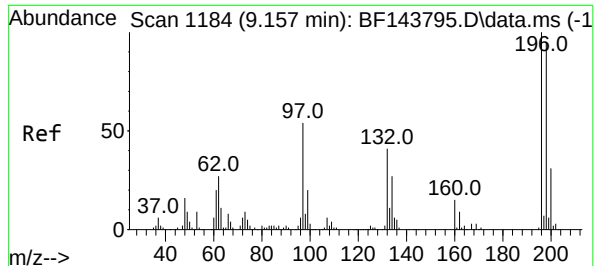
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 149.081 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 330 Resp: 406469
Ion Ratio Lower Upper
330 100
332 94.3 74.7 112.1
141 19.7 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 77.279 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143798.D

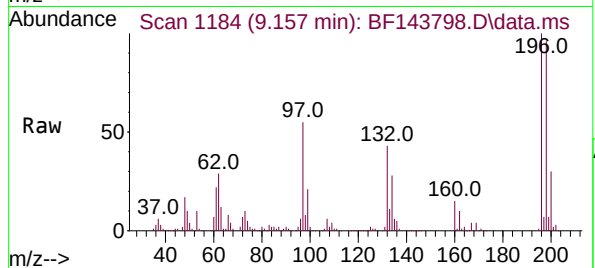
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 278988

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

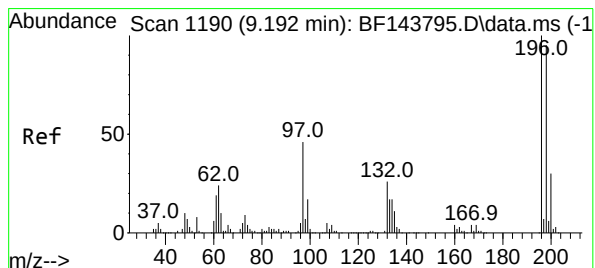
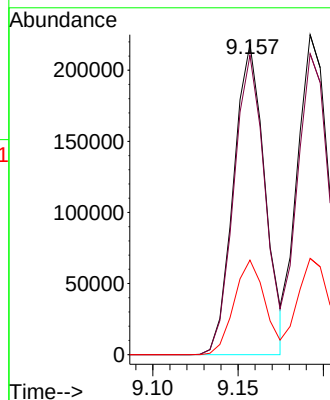
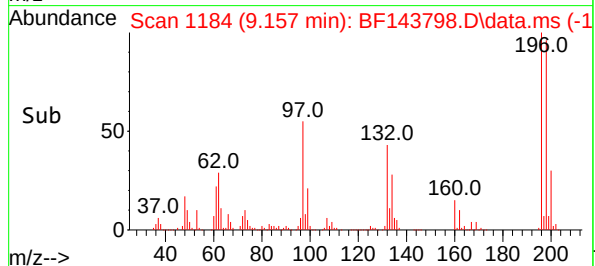
200 30.4 24.7 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

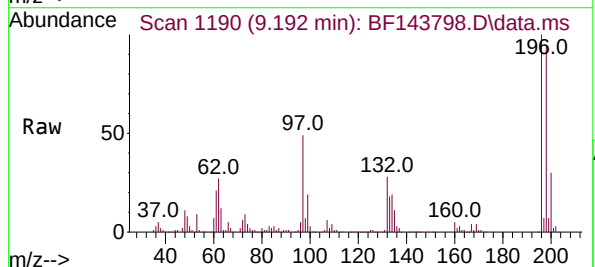
Concen: 77.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



Tgt Ion:196 Resp: 291440

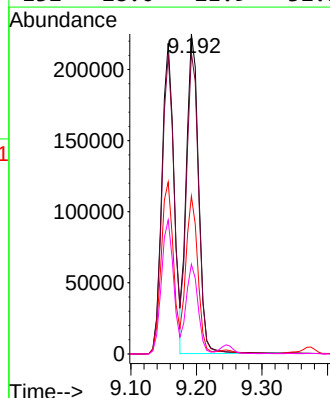
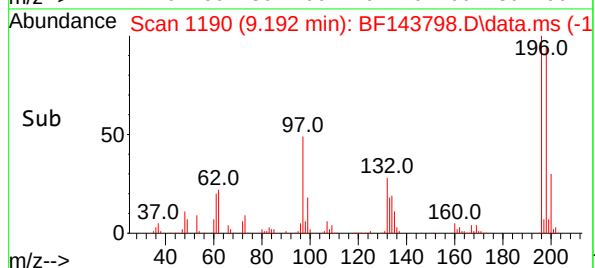
Ion Ratio Lower Upper

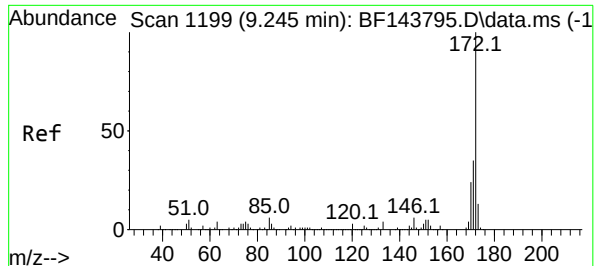
196 100

198 94.0 75.9 113.9

97 49.3 38.3 57.5

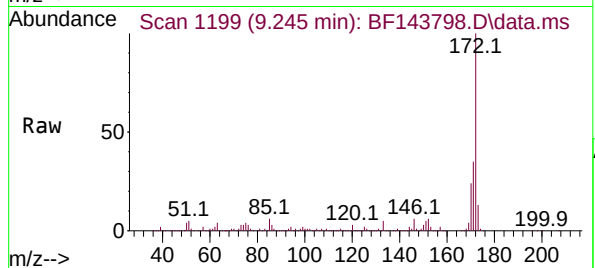
132 28.0 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 129.595 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

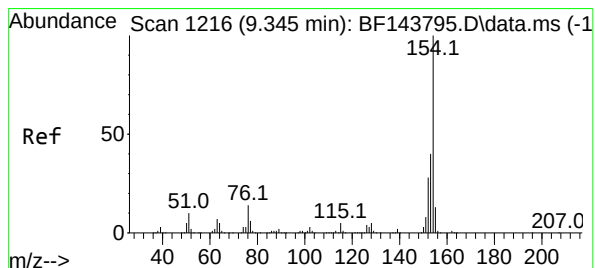
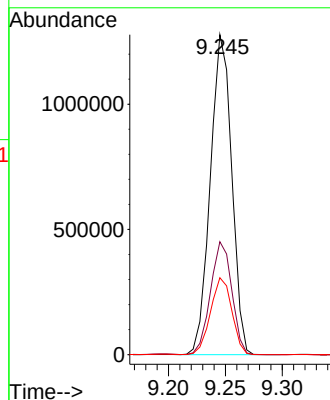
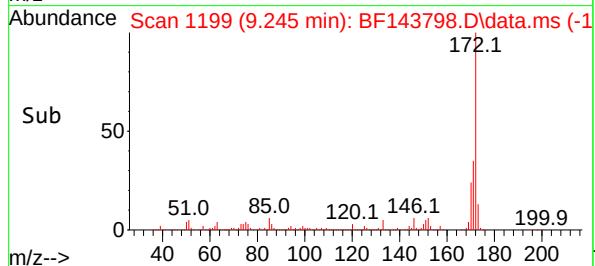
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 1675409
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.0 19.1 28.7

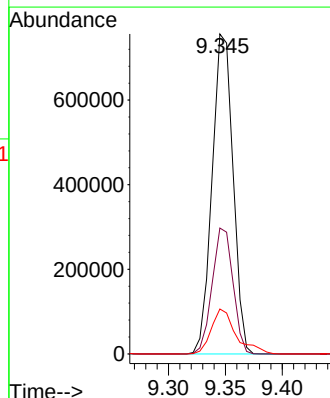
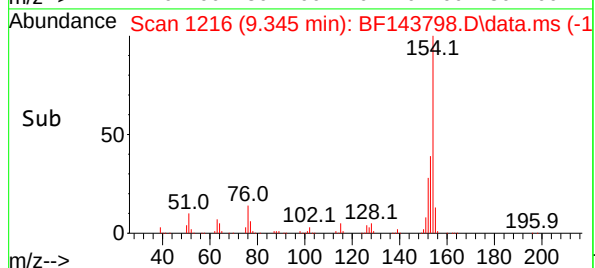
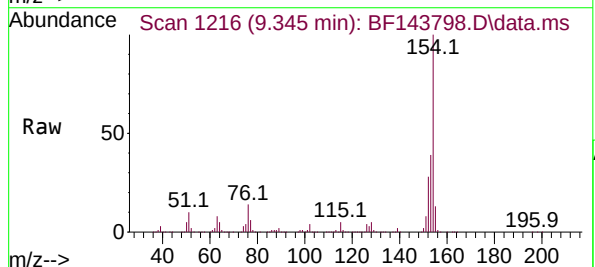
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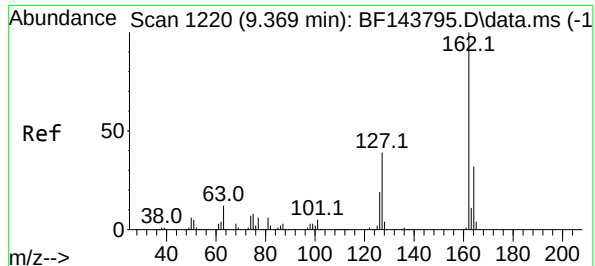
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#46
1,1'-Biphenyl
Concen: 70.127 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:154 Resp: 969811
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 14.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 71.150 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 792043

Ion Ratio Lower Upper

162 100

127 39.2 31.5 47.3

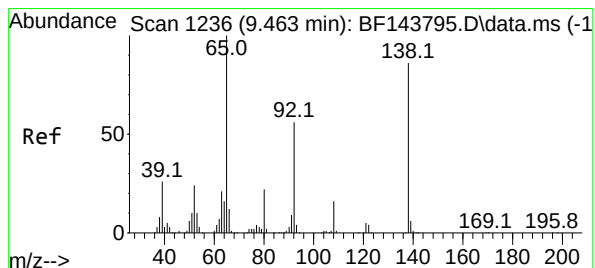
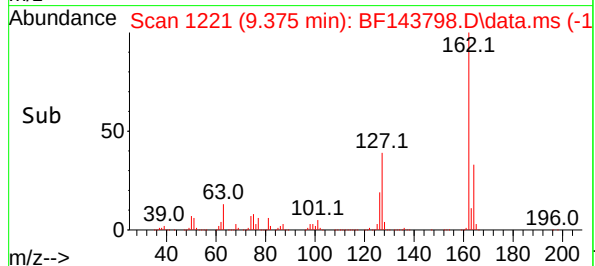
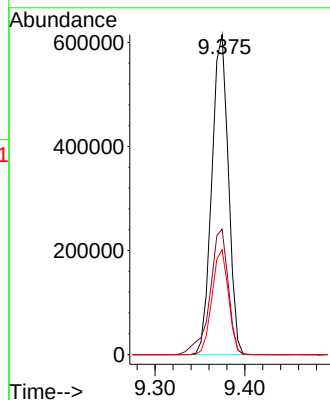
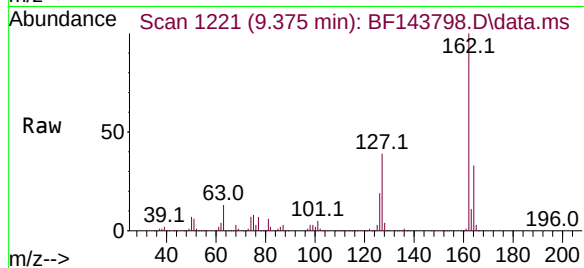
164 32.8 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 87.616 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

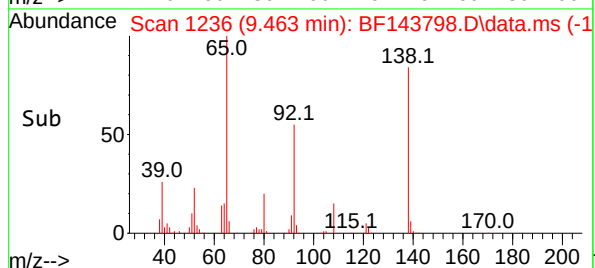
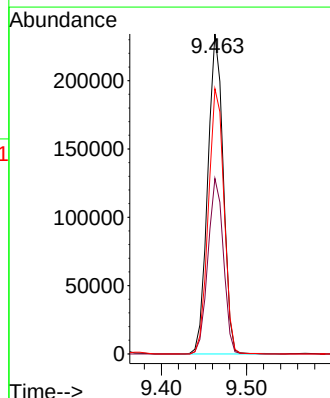
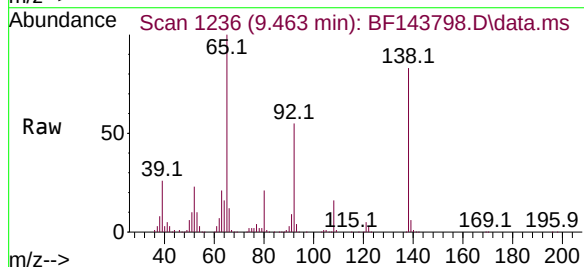
Tgt Ion: 65 Resp: 294783

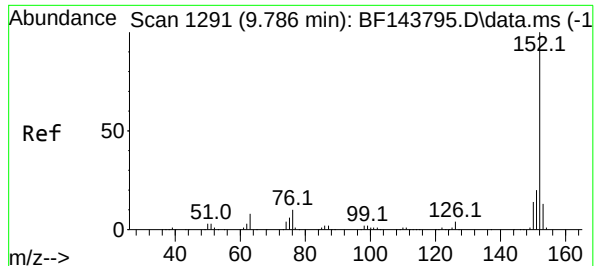
Ion Ratio Lower Upper

65 100

92 54.8 44.9 67.3

138 82.9 69.0 103.4





#49

Acenaphthylene

Concen: 71.813 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143798.D

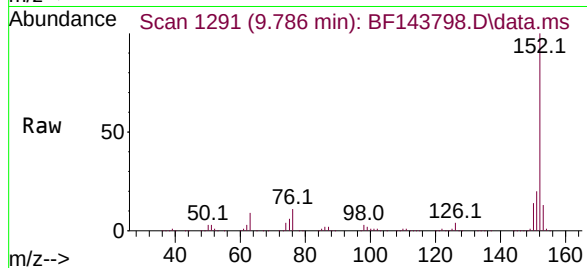
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1100520

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

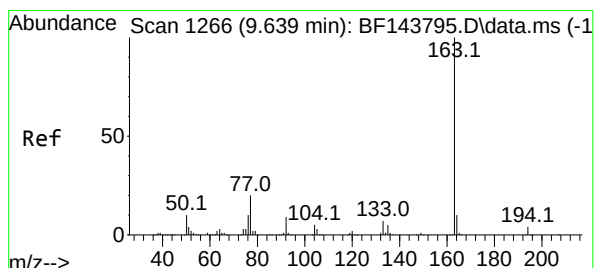
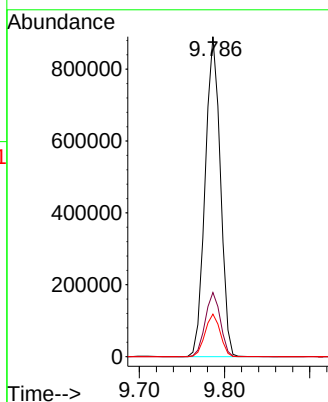
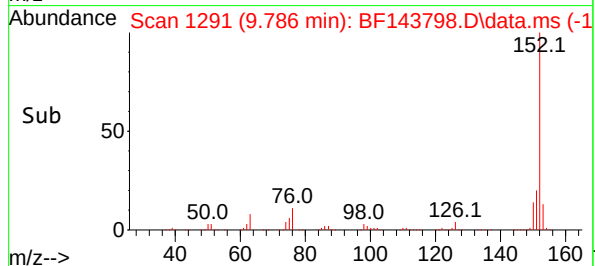
153 13.3 10.6 15.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

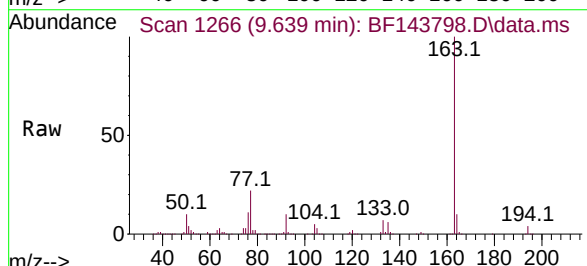
Concen: 73.652 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



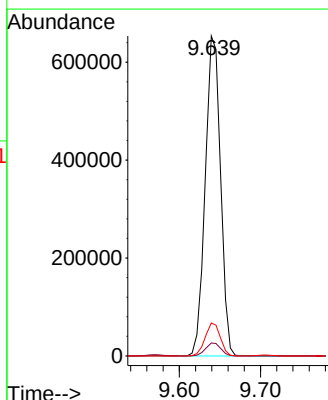
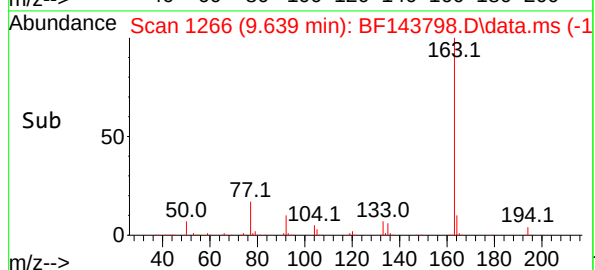
Tgt Ion:163 Resp: 857631

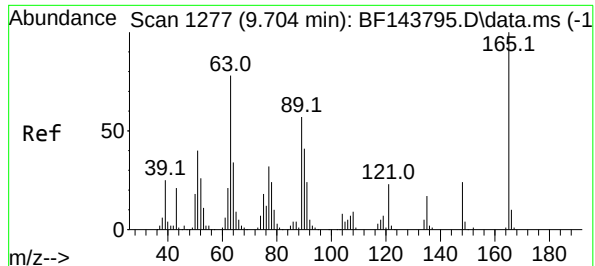
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

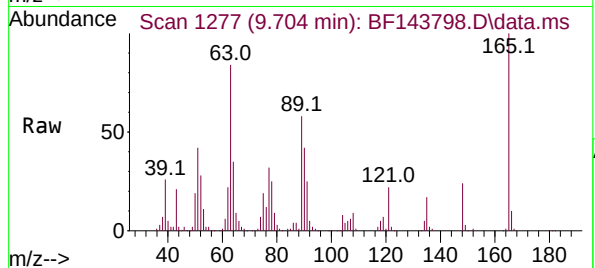
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 88.265 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

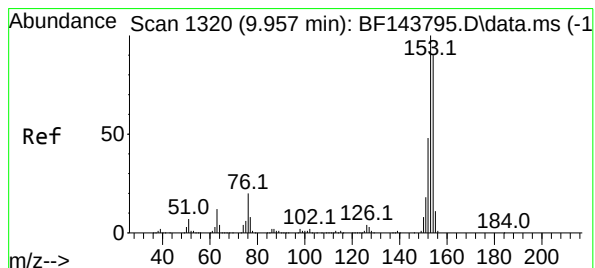
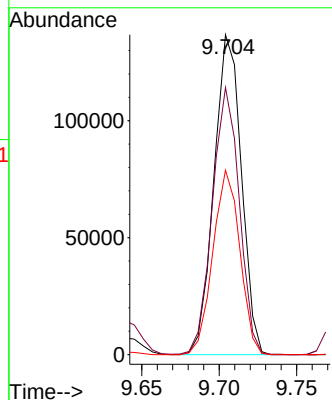
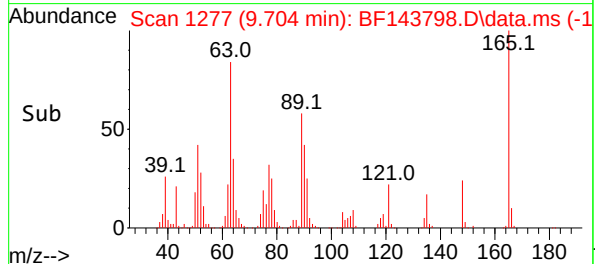
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 168866
Ion Ratio Lower Upper
165 100
63 83.5 62.6 94.0
89 57.6 45.2 67.8

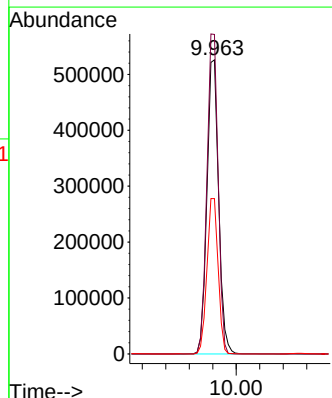
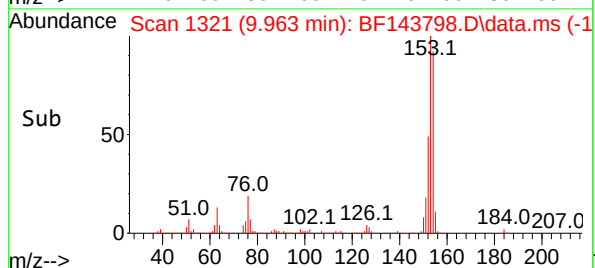
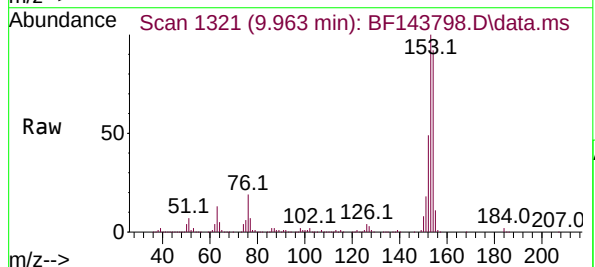
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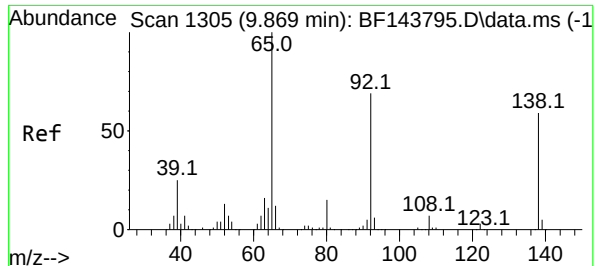
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 72.181 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

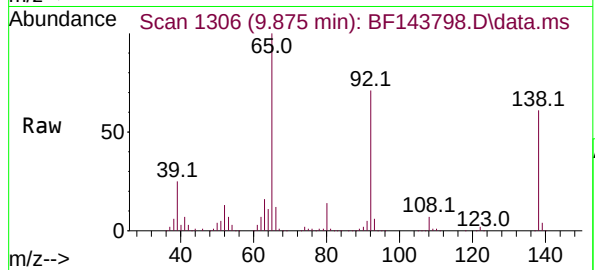
Tgt Ion:154 Resp: 727931
Ion Ratio Lower Upper
154 100
153 108.6 88.7 133.1
152 52.8 42.7 64.1





#53
3-Nitroaniline
Concen: 87.079 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

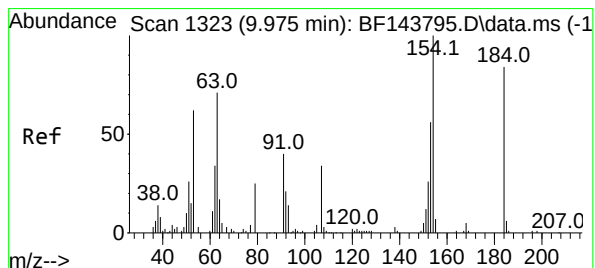
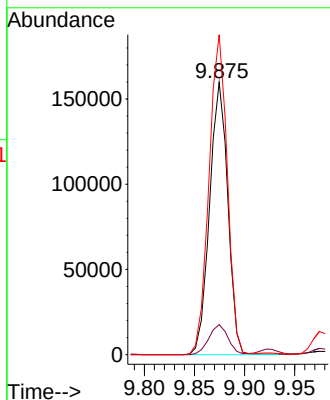
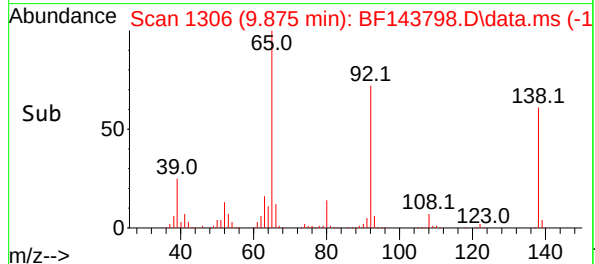
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 201936
Ion Ratio Lower Upper
138 100
108 11.0 9.9 14.9
92 117.5 93.5 140.3

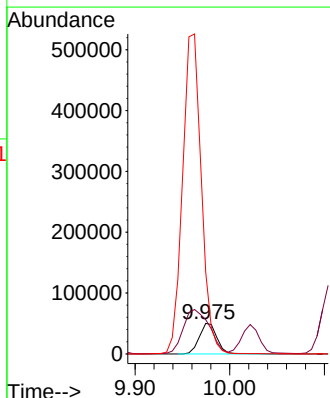
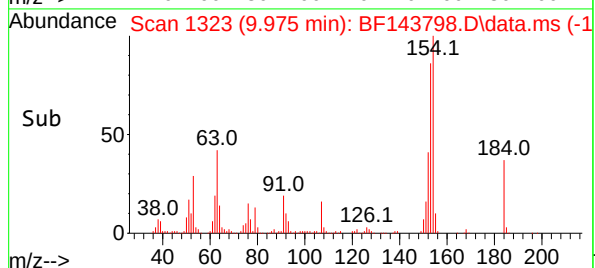
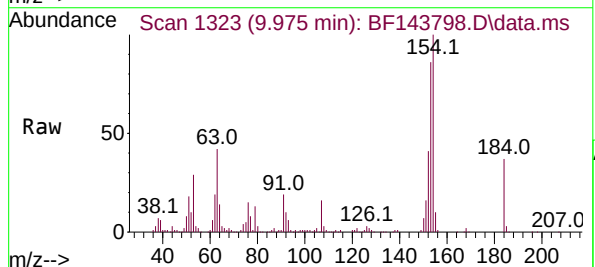
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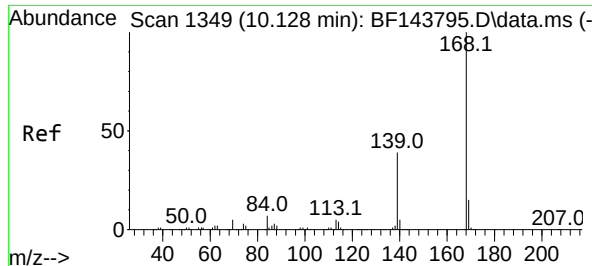
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#54
2,4-Dinitrophenol
Concen: 79.097 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:184 Resp: 64545
Ion Ratio Lower Upper
184 100
63 112.2 84.6 127.0
154 267.8 199.3 298.9





#55

Dibenzenofuran

Concen: 71.219 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 101563

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

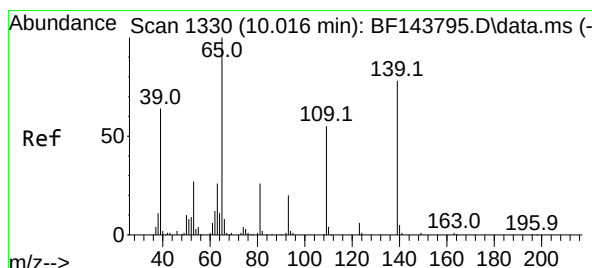
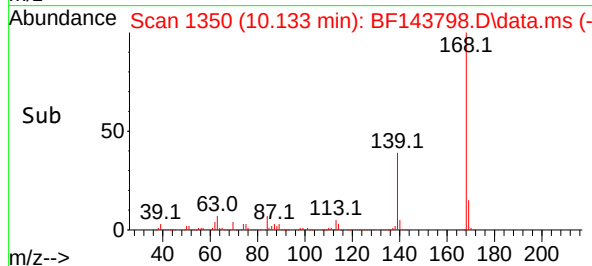
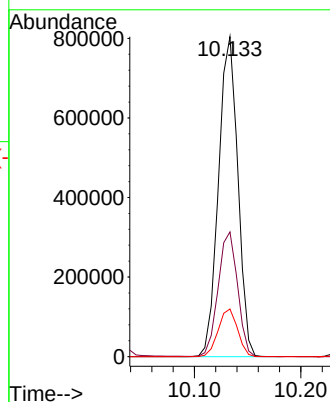
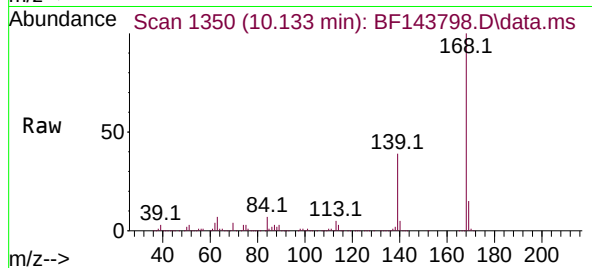
169 14.9 11.9 17.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 85.785 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

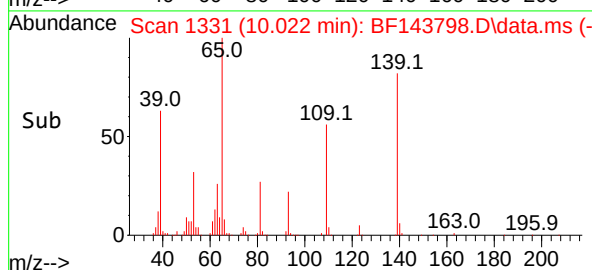
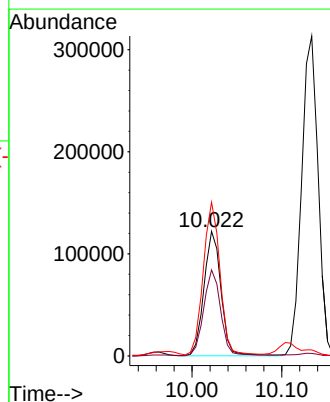
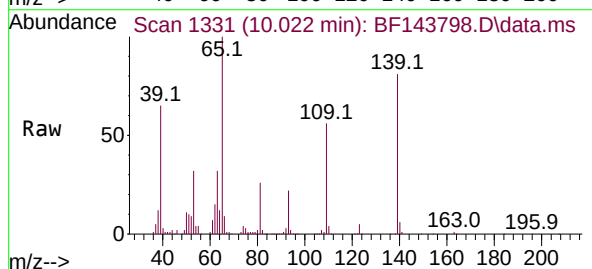
Tgt Ion:139 Resp: 160308

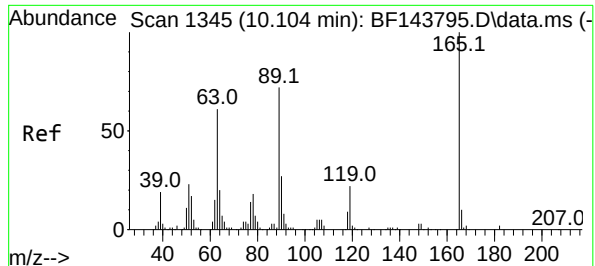
Ion Ratio Lower Upper

139 100

109 69.0 50.2 90.2

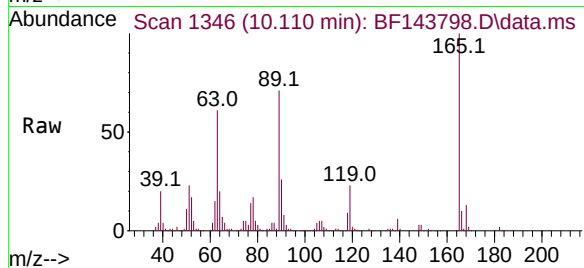
65 123.4 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 78.669 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

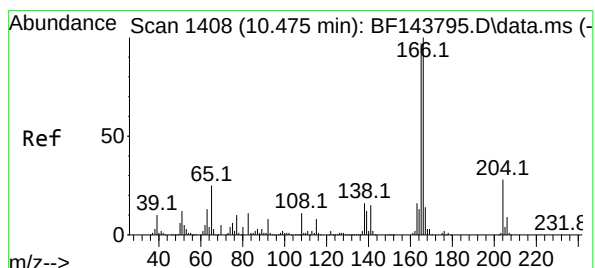
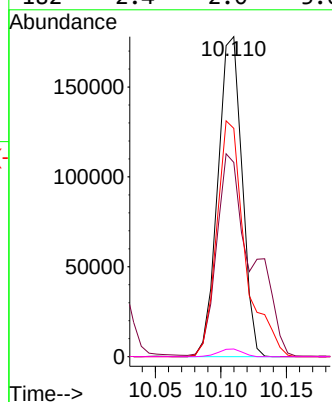
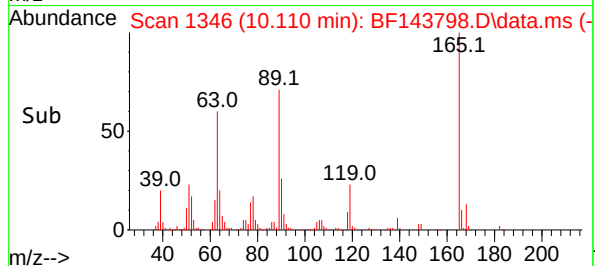
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



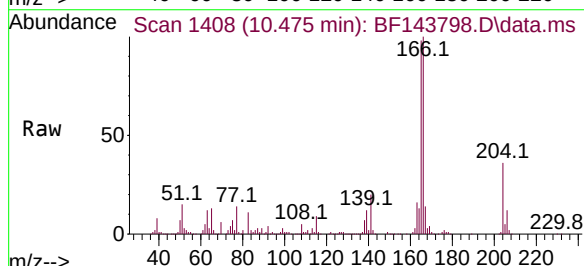
Tgt Ion:165 Resp: 229035
Ion Ratio Lower Upper
165 100
63 60.7 48.9 73.3
89 71.3 57.5 86.3
182 2.4 2.0 3.0

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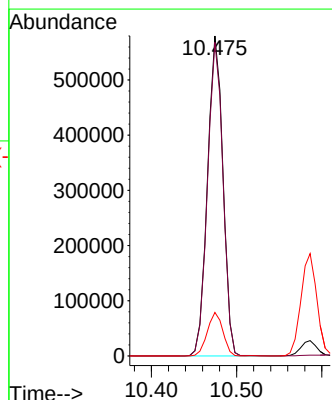
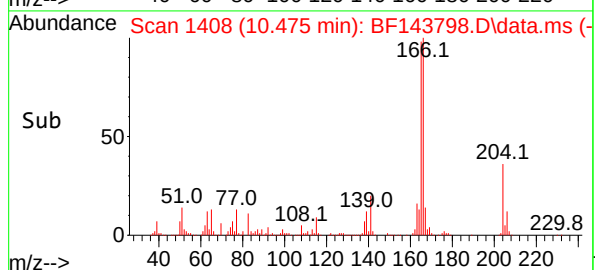
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

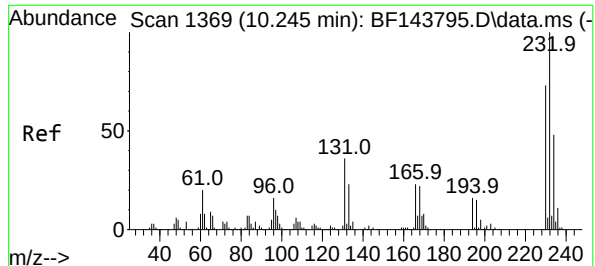


#58
Fluorene
Concen: 68.947 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



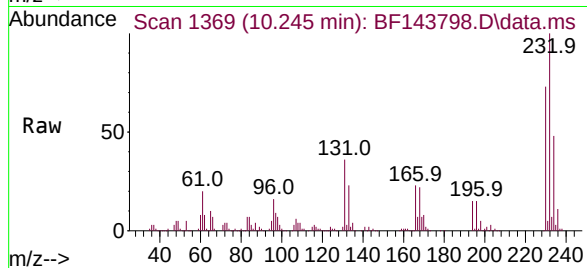
Tgt Ion:166 Resp: 730945
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 83.157 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

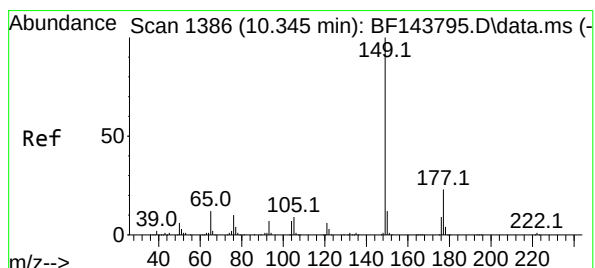
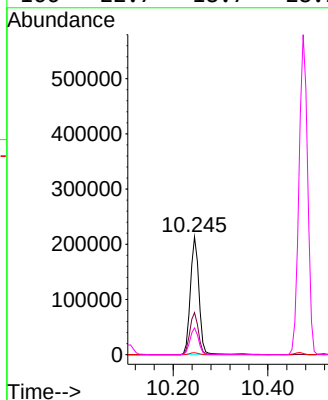
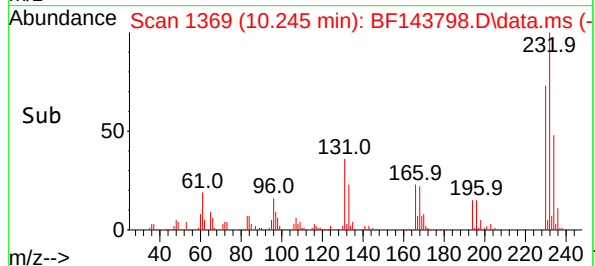
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 269005
Ion Ratio Lower Upper
232 100
131 35.7 29.4 44.2
130 1.6 1.3 1.9
166 22.7 18.7 28.1

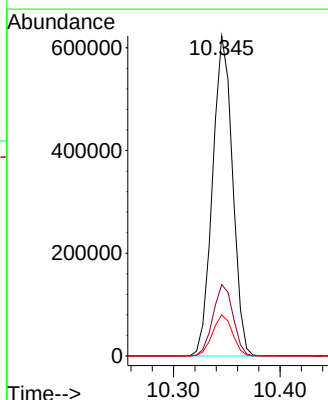
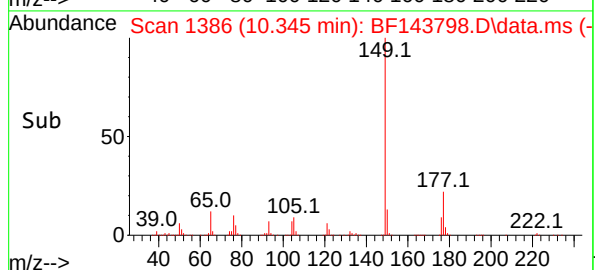
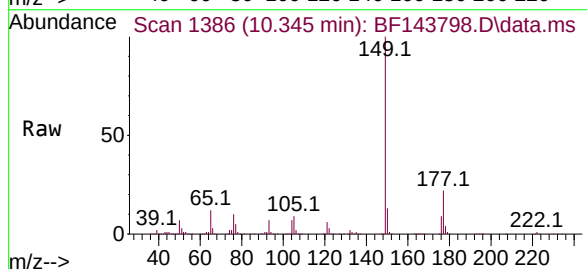
Manual Integrations
APPROVED

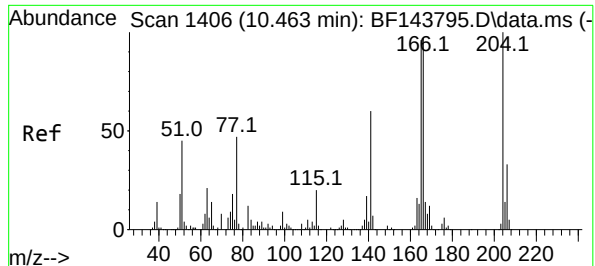
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 74.753 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

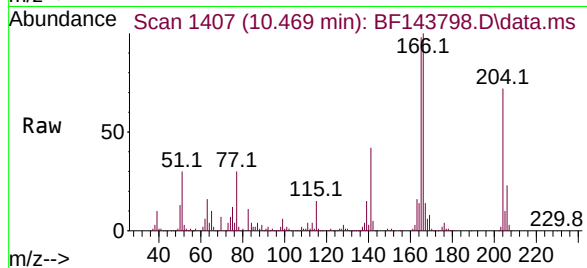
Tgt Ion:149 Resp: 814823
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 71.259 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

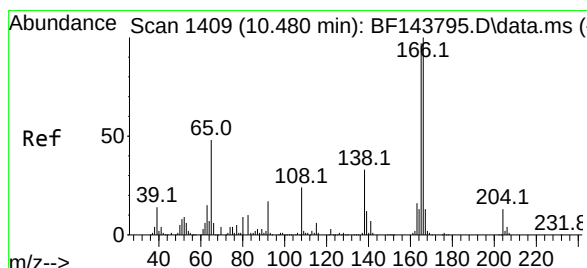
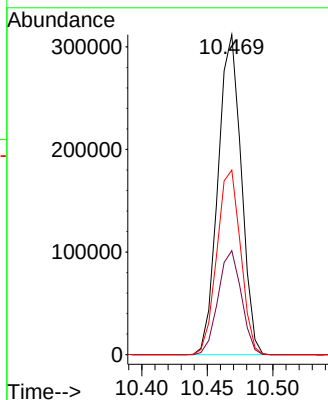
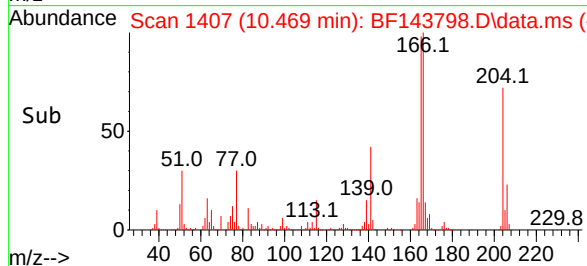
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



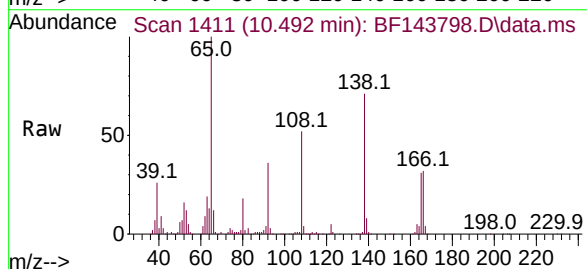
Tgt Ion:204 Resp: 384933
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 57.7 48.2 72.2

Manual Integrations
APPROVED

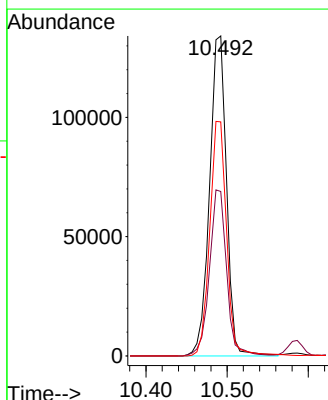
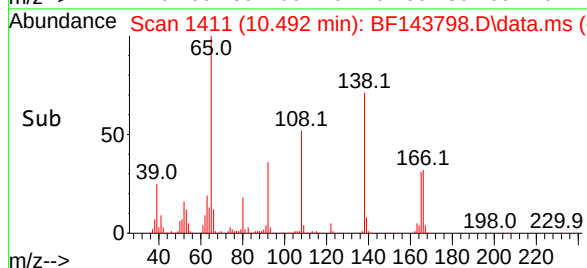
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

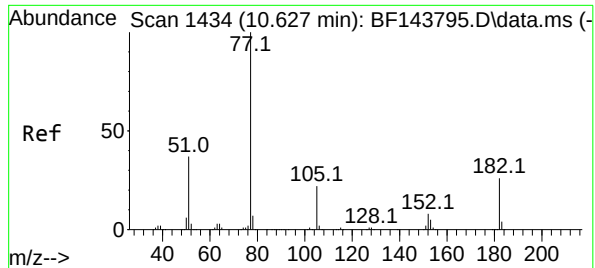


#62
4-Nitroaniline
Concen: 89.434 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



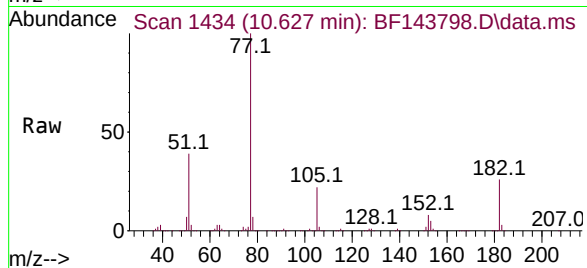
Tgt Ion:138 Resp: 195008
Ion Ratio Lower Upper
138 100
92 51.4 31.5 71.5
108 73.1 51.9 91.9





#63
Azobenzene
Concen: 73.264 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

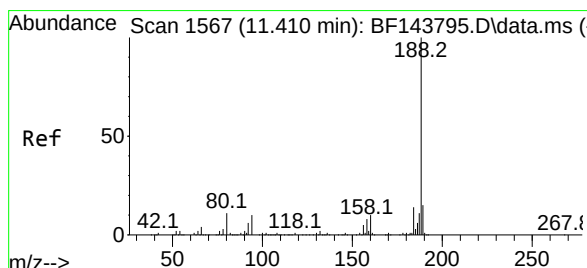
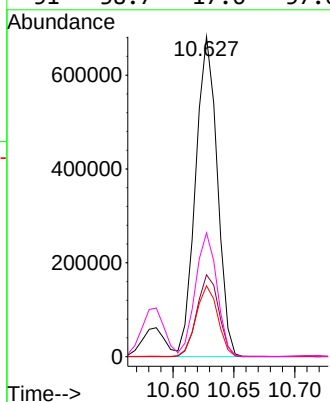
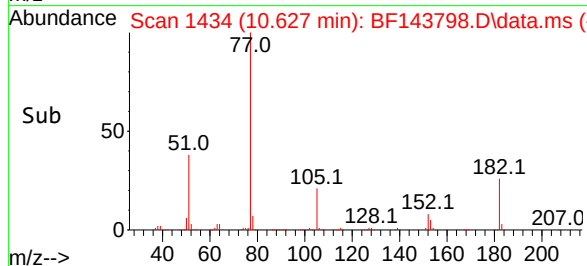
Instrument :
BNA_F
Client SampleId :
SSTDICC080



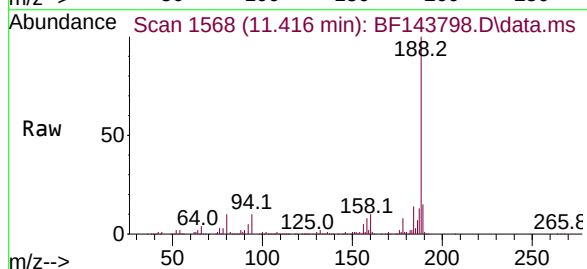
Tgt Ion: 77 Resp: 841633
Ion Ratio Lower Upper
77 100
182 25.6 5.9 45.9
105 22.1 2.3 42.3
51 38.7 17.6 57.6

Manual Integrations
APPROVED

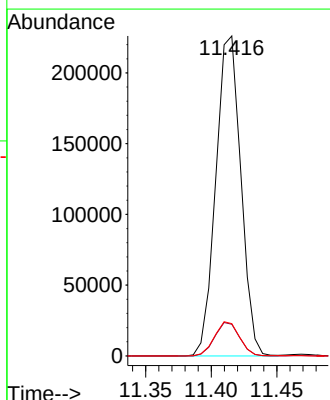
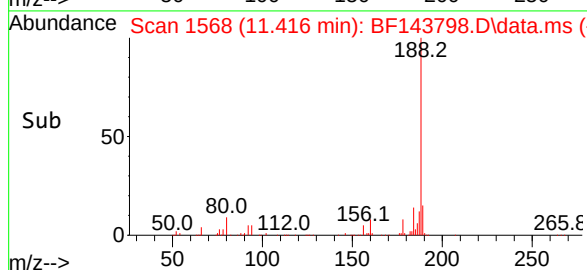
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

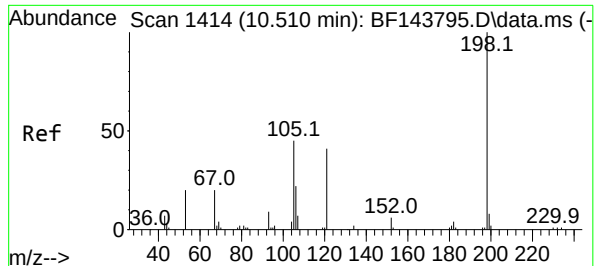


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:188 Resp: 300725
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.6 12.8





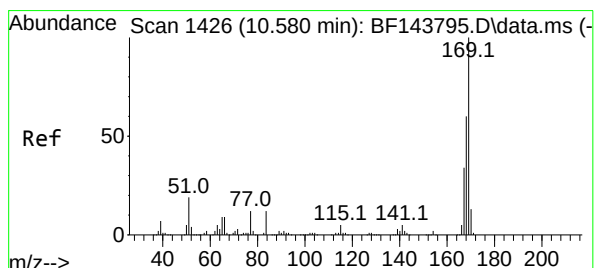
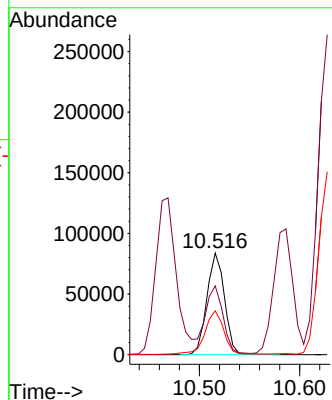
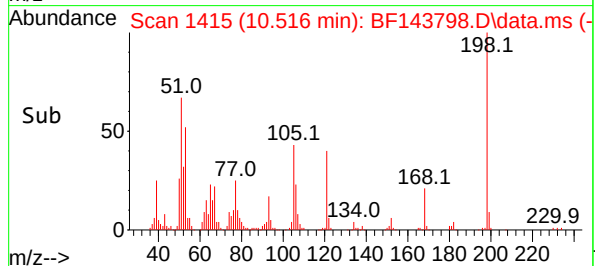
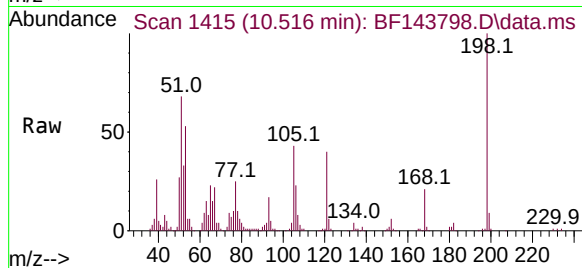
#65
4,6-Dinitro-2-methylphenol
Concen: 78.431 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 101519
Ion Ratio Lower Upper
198 100
51 67.7 52.0 92.0
105 43.2 27.5 67.5

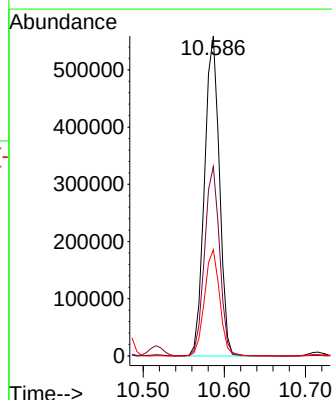
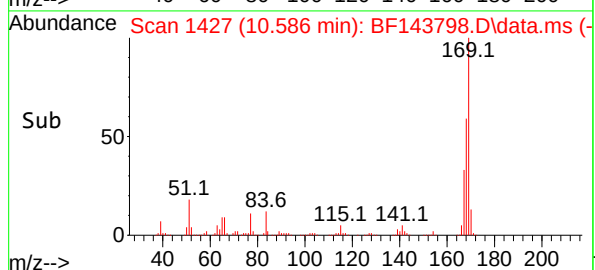
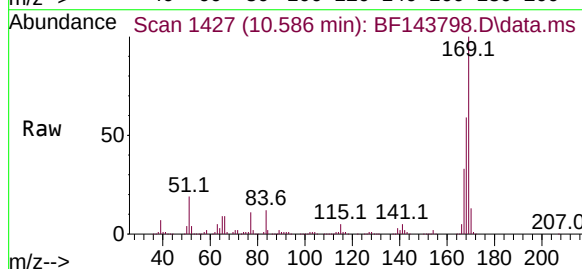
Manual Integrations
APPROVED

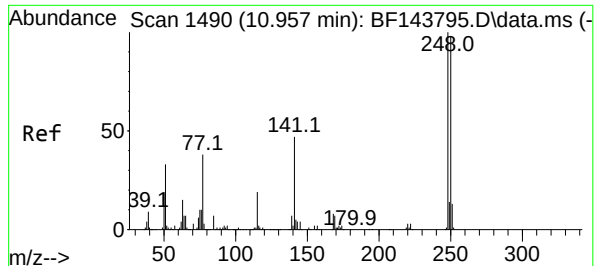
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 72.221 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

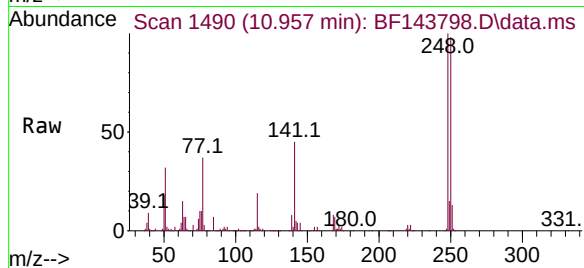
Tgt Ion:169 Resp: 714258
Ion Ratio Lower Upper
169 100
168 59.2 47.9 71.9
167 33.2 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 75.954 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

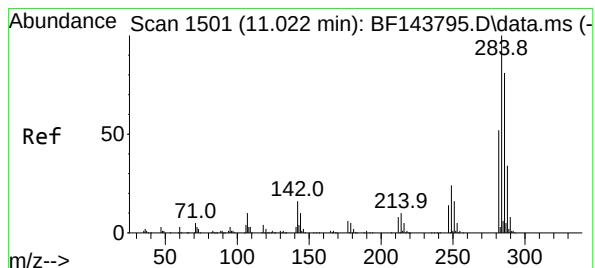
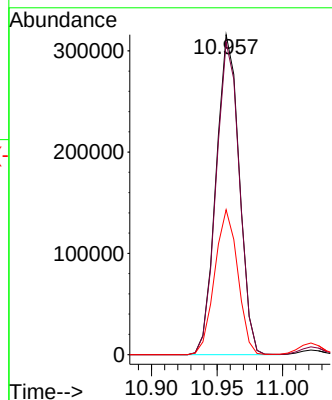
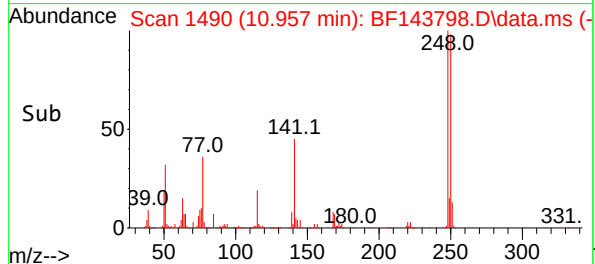
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:248 Resp: 389253
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 45.3 37.9 56.9

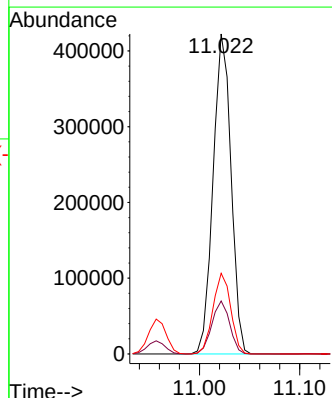
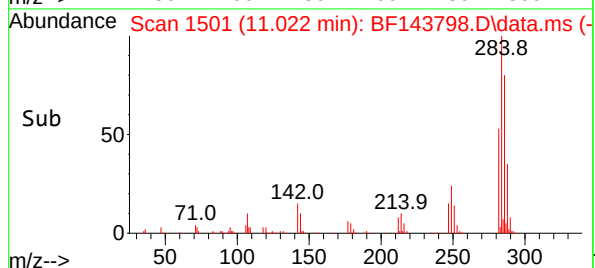
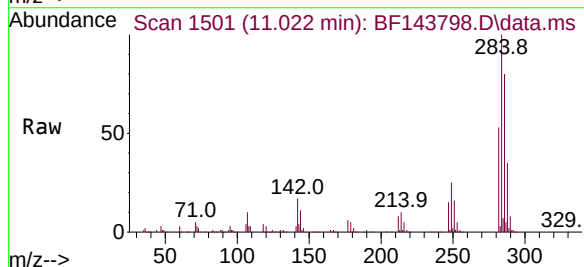
Manual Integrations
APPROVED

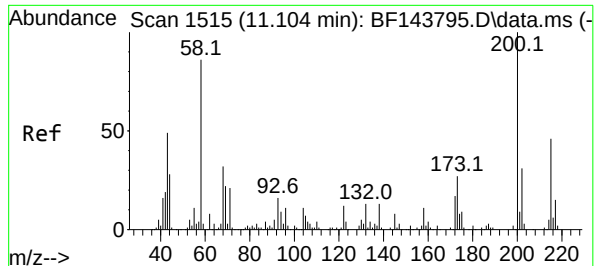
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#68
Hexachlorobenzene
Concen: 74.398 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:284 Resp: 525440
Ion Ratio Lower Upper
284 100
142 16.5 13.1 19.7
249 25.2 19.5 29.3





#69

Atrazine

Concen: 76.710 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143798.D

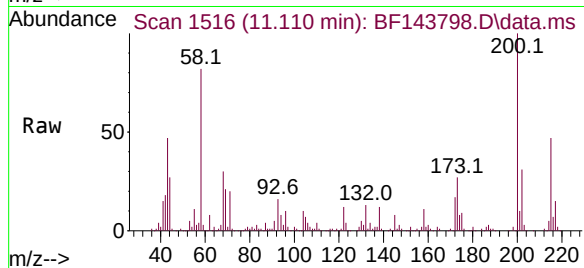
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



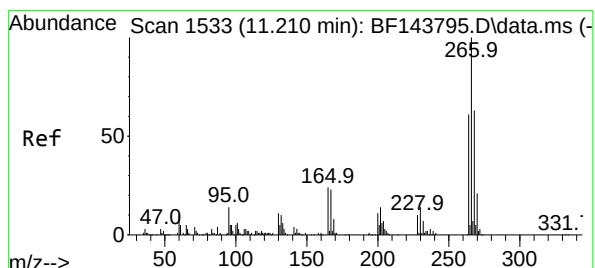
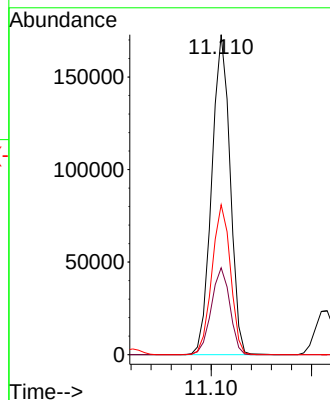
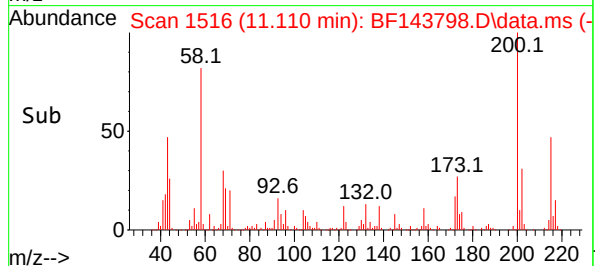
Tgt Ion:	200	Resp:	219693
Ion Ratio	Lower	Upper	
200	100		
173	27.1	7.2	47.2
215	46.8	26.0	66.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

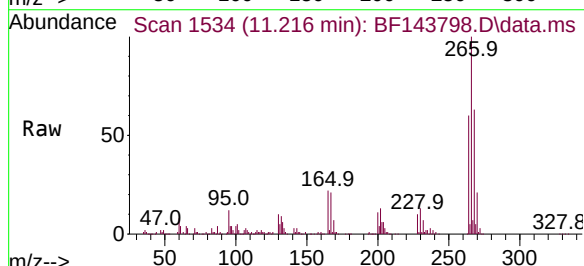
Concen: 88.529 ng

RT: 11.216 min Scan# 1534

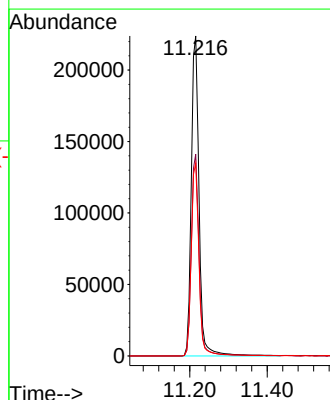
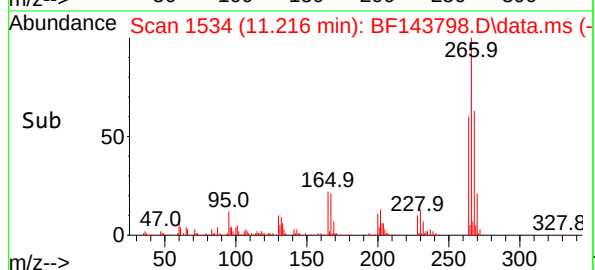
Delta R.T. 0.000 min

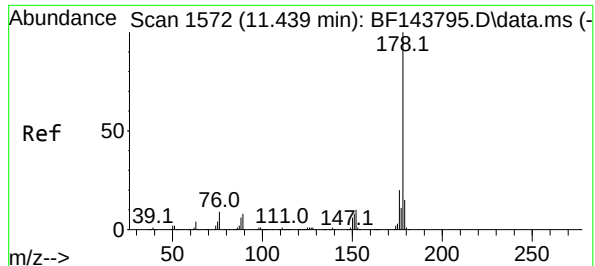
Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



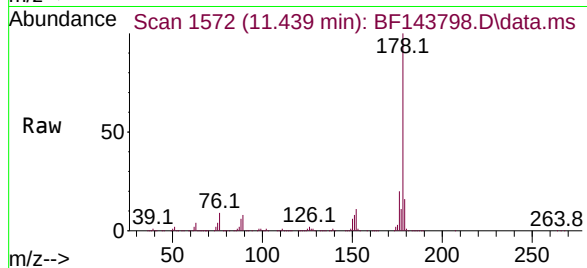
Tgt Ion:	266	Resp:	311232
Ion Ratio	Lower	Upper	
266	100		
268	63.0	50.5	75.7
264	60.2	48.8	73.2





#71
Phenanthrene
Concen: 71.783 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

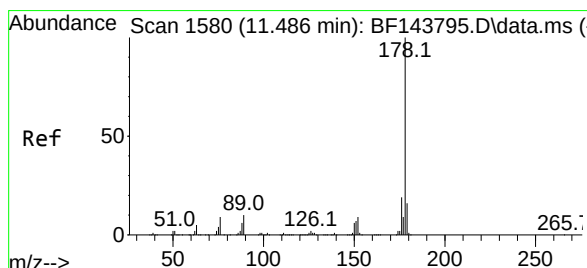
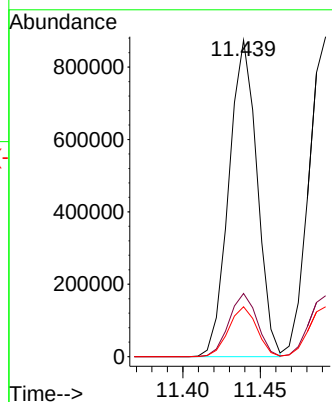
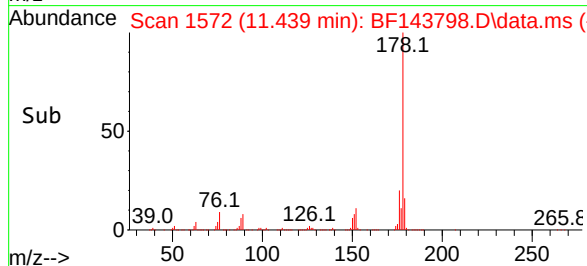
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



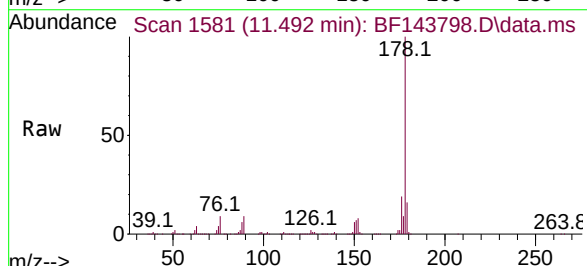
Tgt Ion:178 Resp: 1108268
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.8 12.2 18.4

Manual Integrations
APPROVED

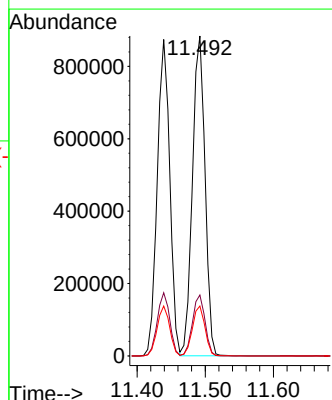
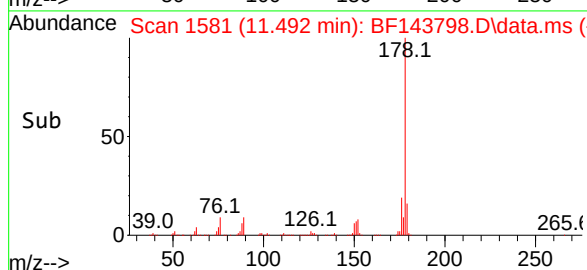
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

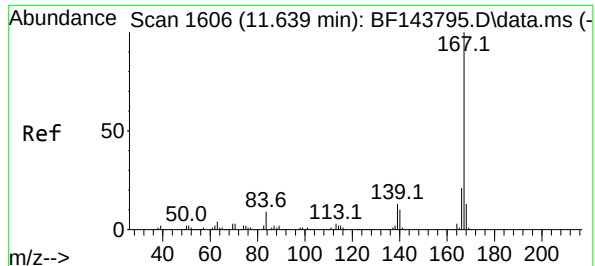


#72
Anthracene
Concen: 73.416 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



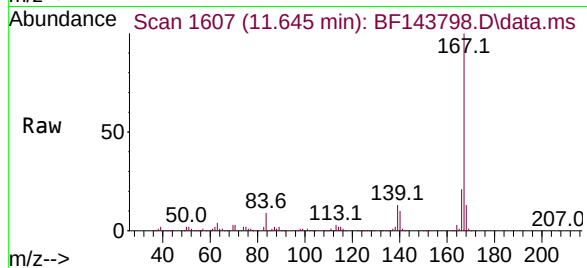
Tgt Ion:178 Resp: 1136970
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.6 12.8 19.2





#73
 Carbazole
 Concen: 75.229 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF143798.D
 Acq: 23 Sep 2025 15:27

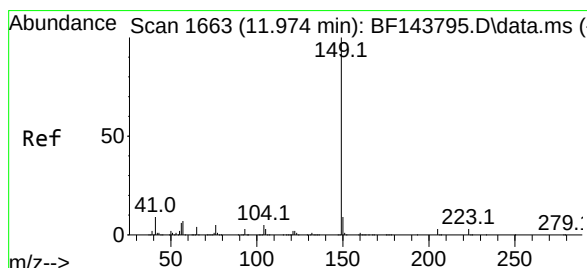
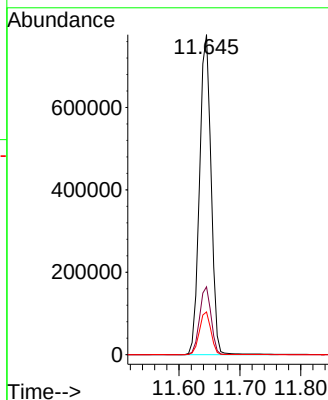
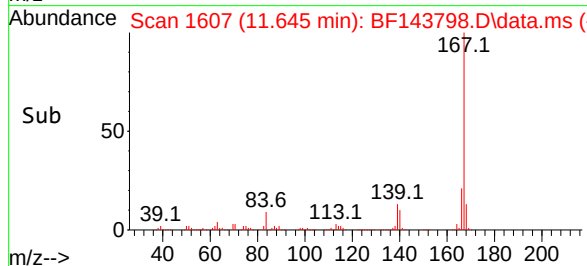
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



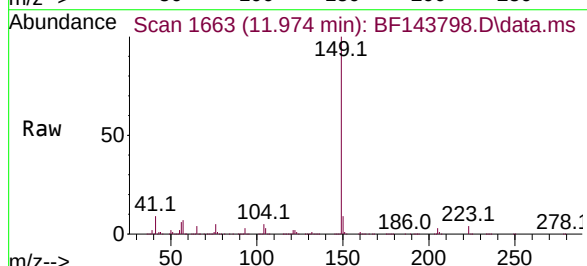
Tgt Ion:167 Resp: 1018624
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.3 10.6 15.8

Manual Integrations
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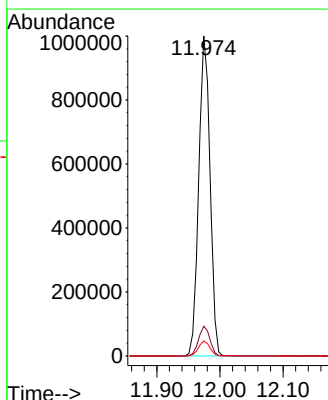
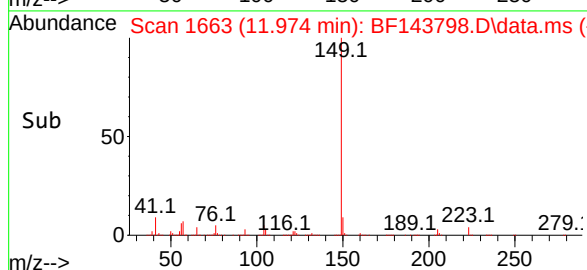
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

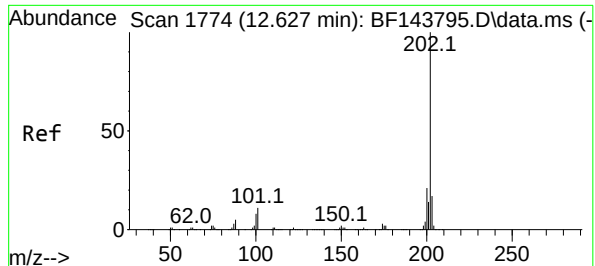


#74
 Di-n-butylphthalate
 Concen: 79.613 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143798.D
 Acq: 23 Sep 2025 15:27



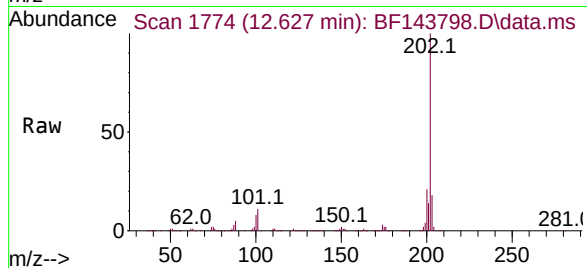
Tgt Ion:149 Resp: 1239778
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 78.389 ng
RT: 12.627 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

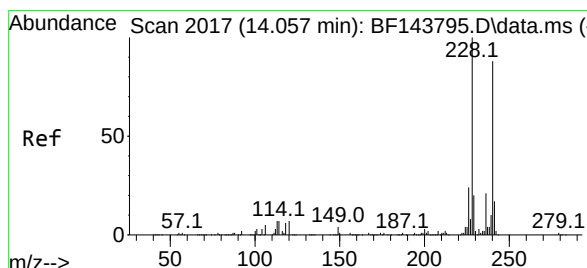
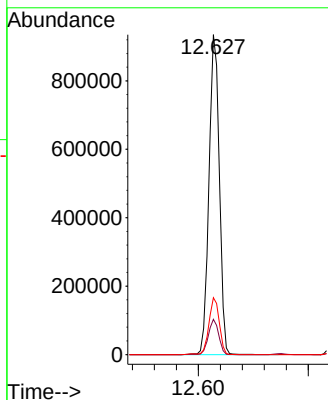
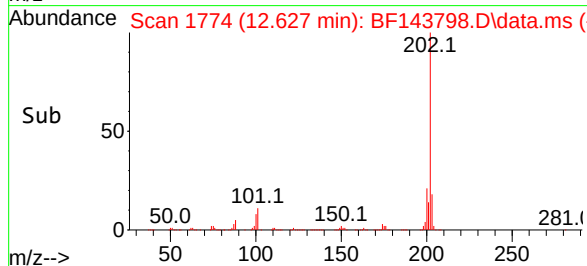
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1217249
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.1
203 17.8 0.0 37.4

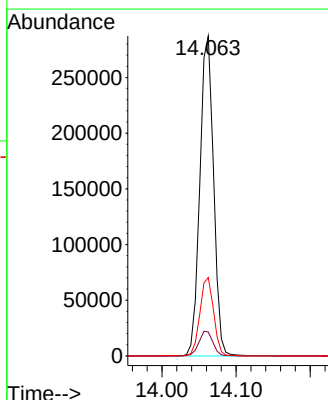
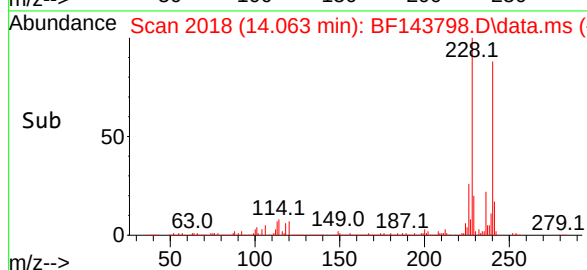
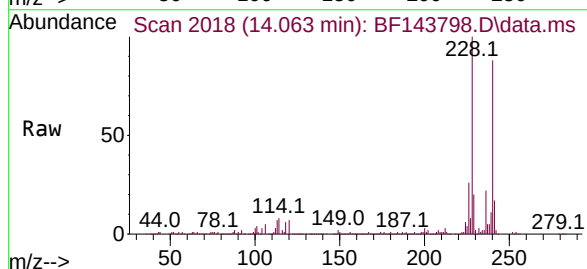
Manual Integrations
APPROVED

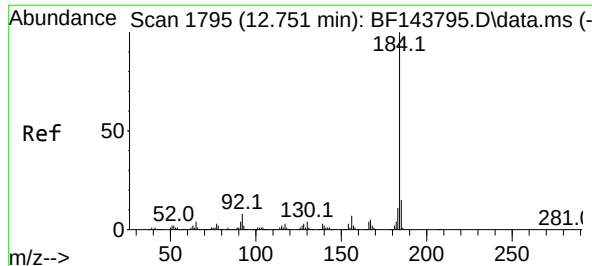
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

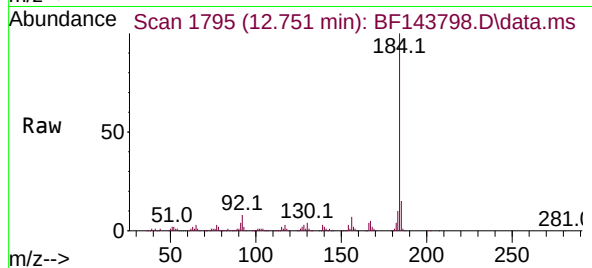
Tgt Ion:240 Resp: 368976
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.5 19.4 29.2





#77
Benzidine
Concen: 66.788 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

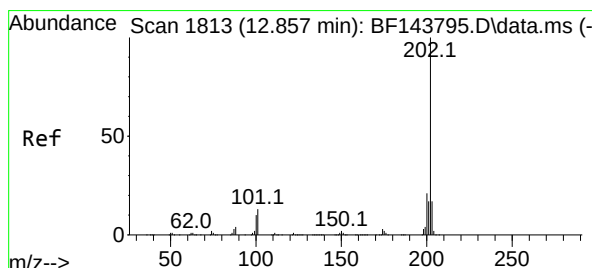
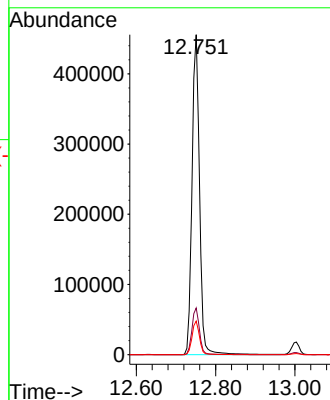
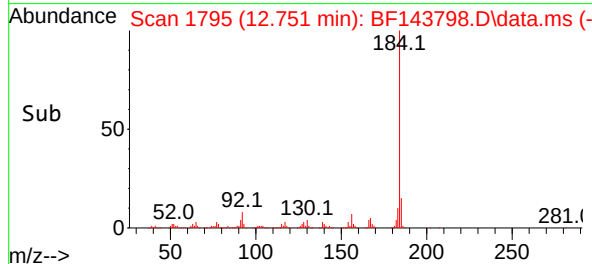
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 600496
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 10.5 8.6 13.0

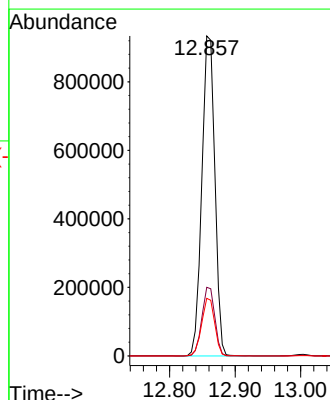
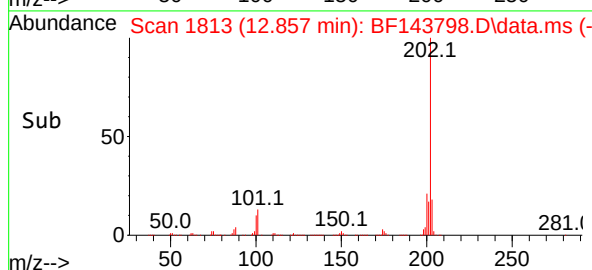
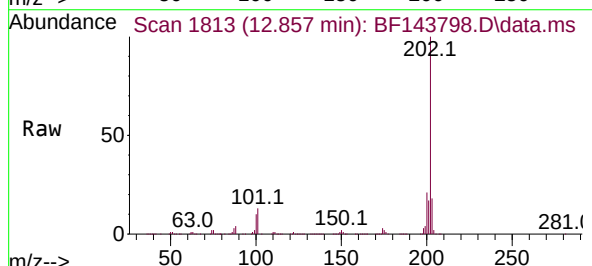
Manual Integrations
APPROVED

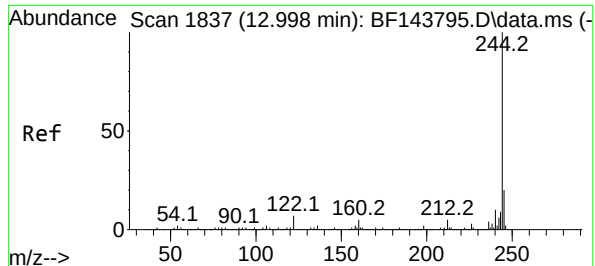
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 70.553 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

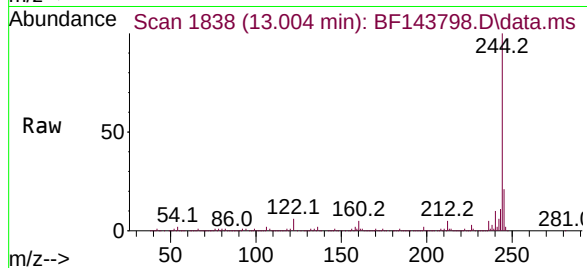
Tgt Ion:202 Resp: 1279855
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.0 13.9 20.9





#79
Terphenyl-d14
Concen: 133.790 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

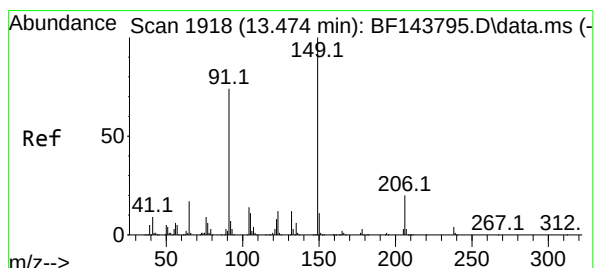
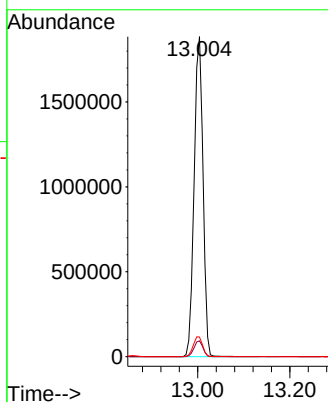
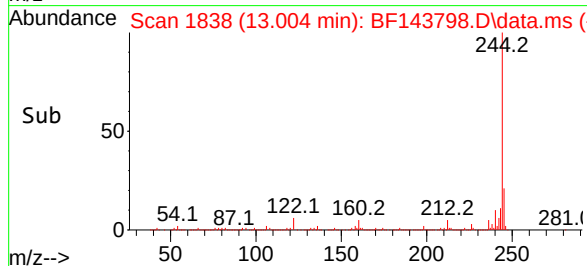
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 2514401
Ion Ratio Lower Upper
244 100
212 4.9 3.9 5.9
122 6.1 5.6 8.4

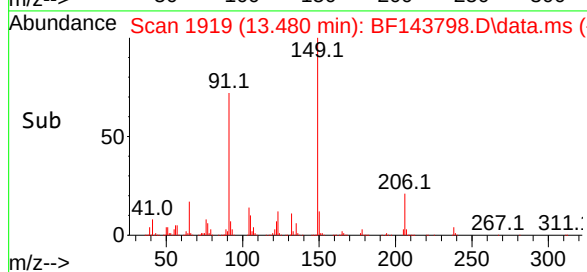
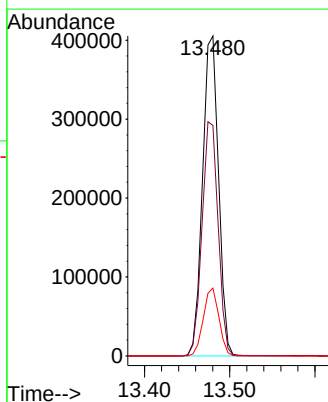
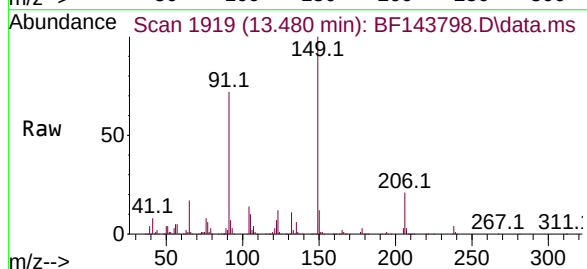
Manual Integrations
APPROVED

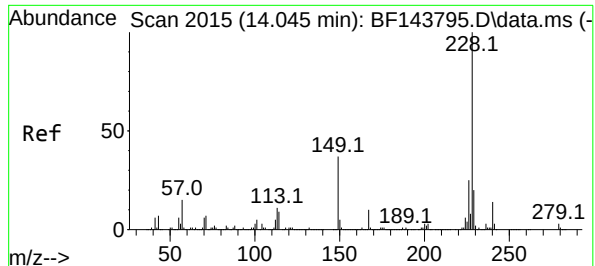
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#80
Butylbenzylphthalate
Concen: 84.139 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

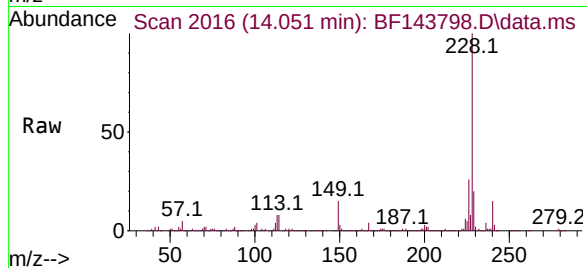
Tgt Ion:149 Resp: 528060
Ion Ratio Lower Upper
149 100
91 72.0 59.5 89.3
206 21.2 16.1 24.1





#81
Benzo(a)anthracene
Concen: 74.057 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

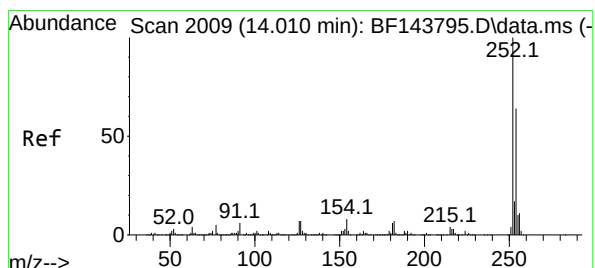
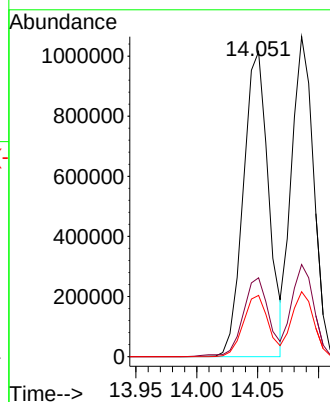
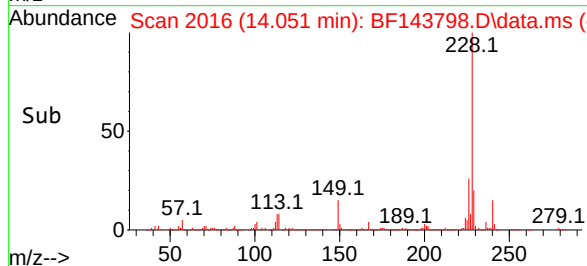
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1467968
Ion Ratio Lower Upper
228 100
226 25.8 20.2 30.2
229 20.1 16.1 24.1

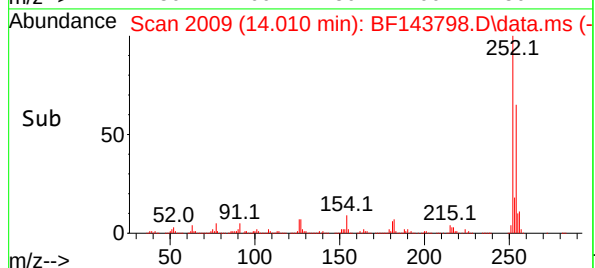
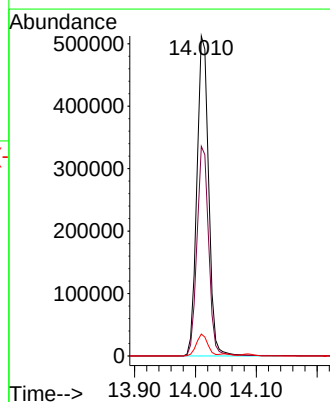
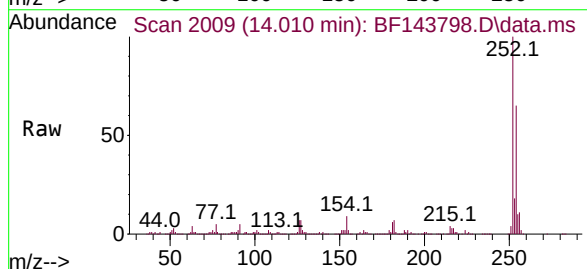
Manual Integrations
APPROVED

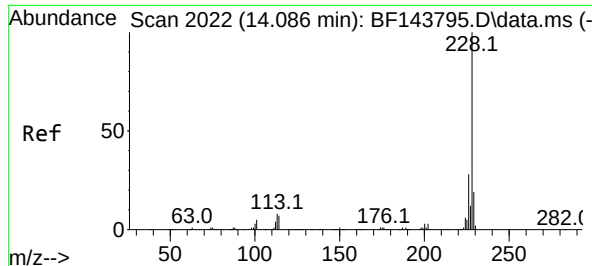
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 80.036 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

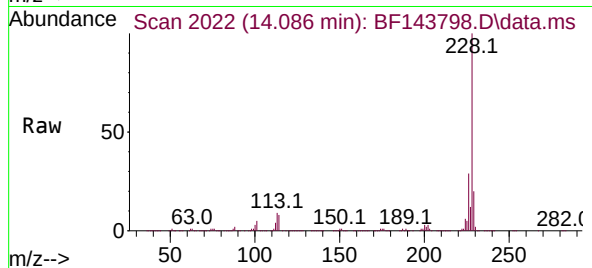
Tgt Ion:252 Resp: 687295
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 6.8 5.4 8.2





#83
Chrysene
Concen: 75.382 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

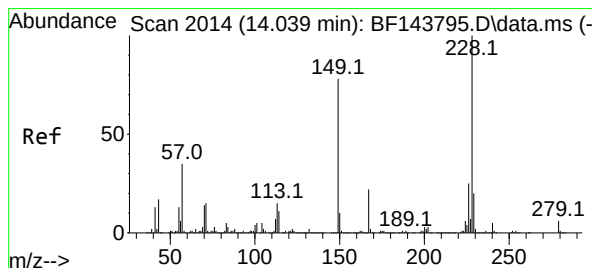
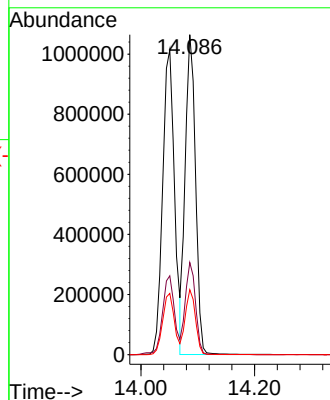
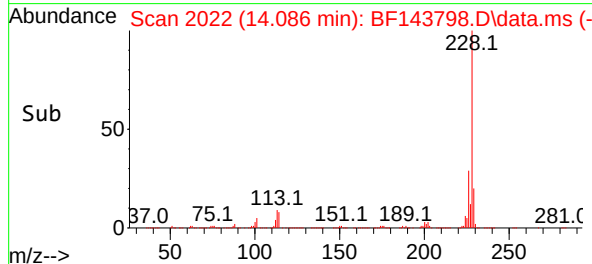
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



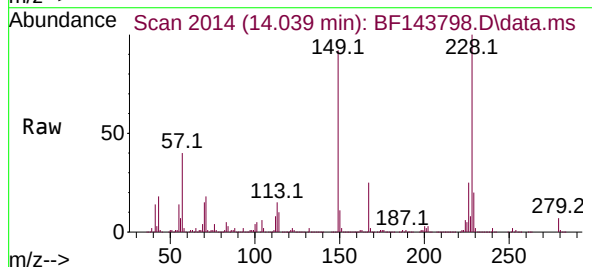
Tgt Ion:228 Resp: 1352072
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.3 15.6 23.4

Manual Integrations
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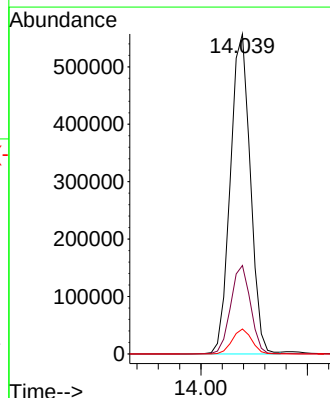
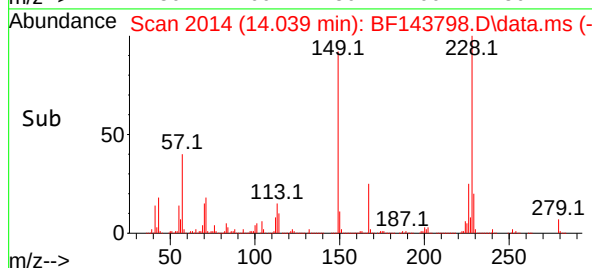
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

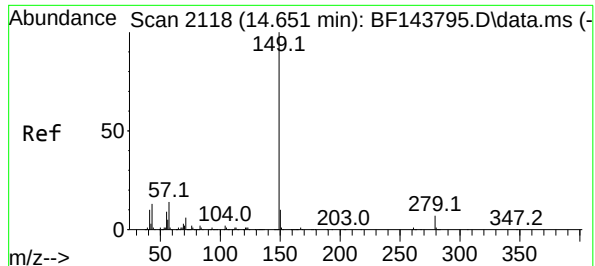


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.996 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



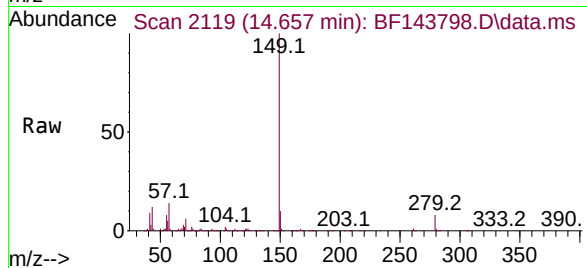
Tgt Ion:149 Resp: 726710
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.2
279 7.8 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 82.239 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

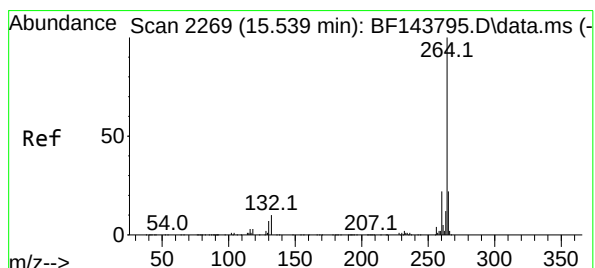
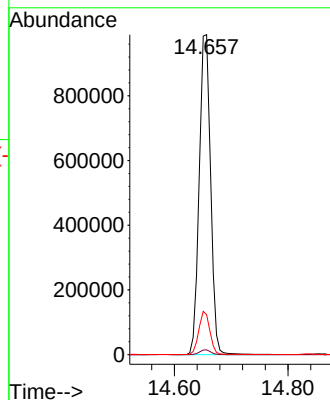
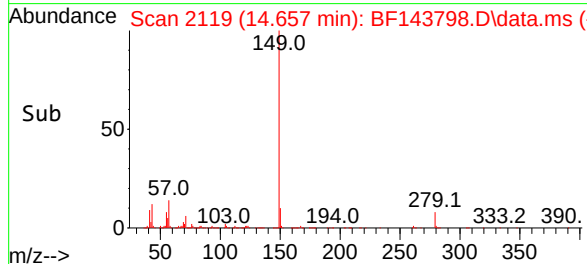
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1372332
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.2 10.7 16.1

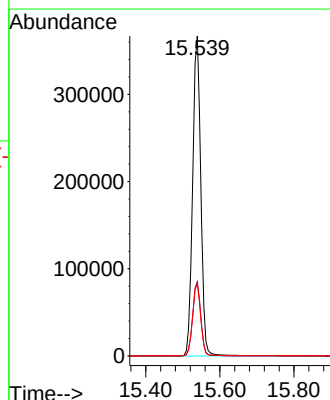
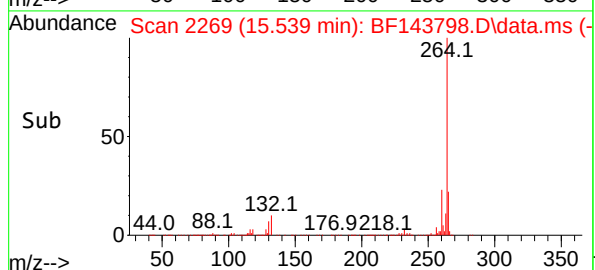
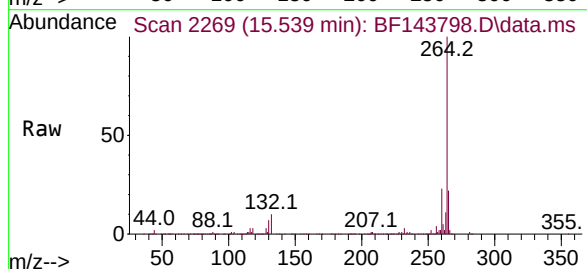
Manual Integrations
APPROVED

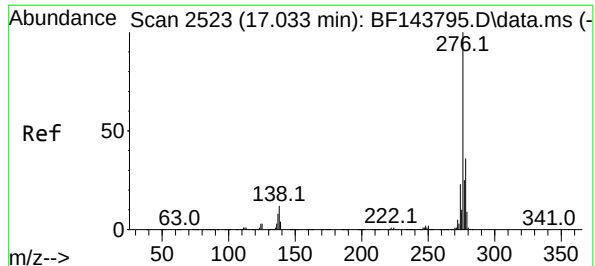
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

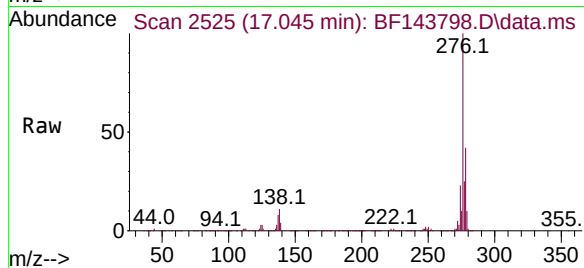
Tgt Ion:264 Resp: 561861
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 22.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 77.396 ng
RT: 17.045 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

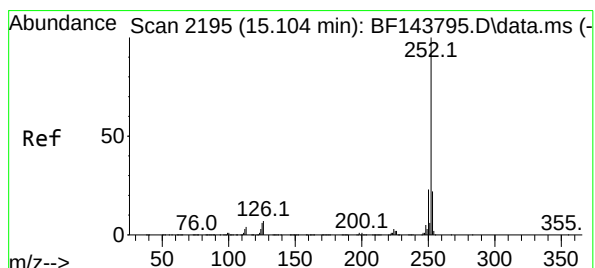
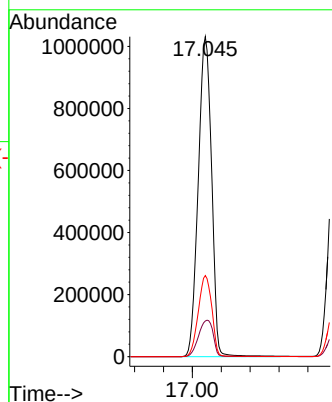
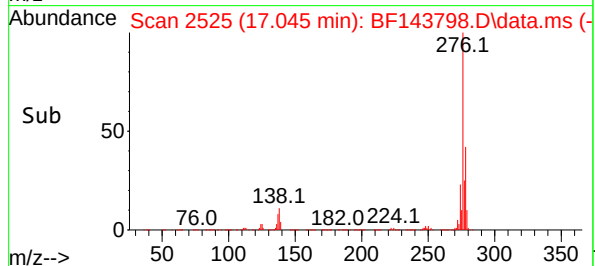
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 3299429
Ion Ratio Lower Upper
276 100
138 12.4 10.6 15.8
277 25.7 20.7 31.1

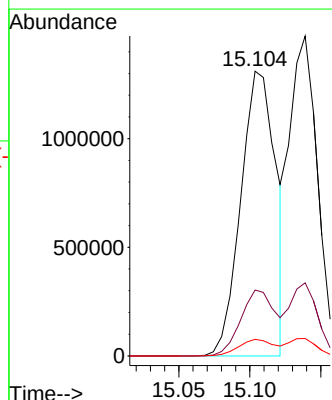
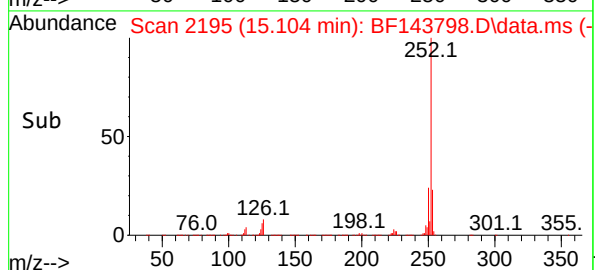
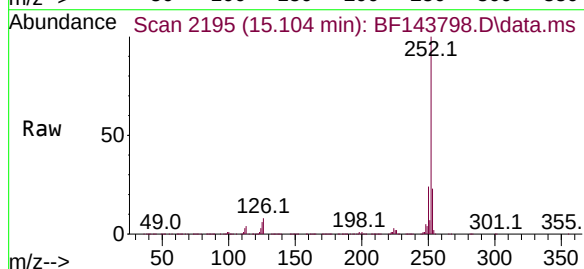
Manual Integrations
APPROVED

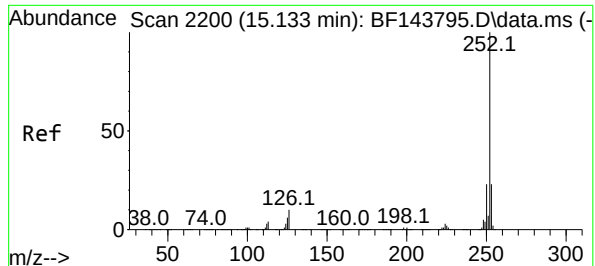
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 78.555 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:252 Resp: 2247670
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 5.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 70.756 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2033980

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

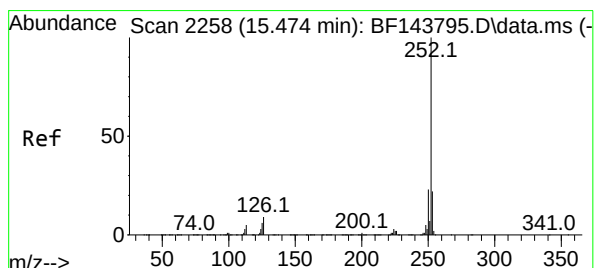
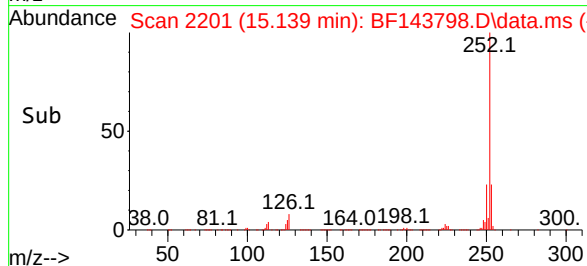
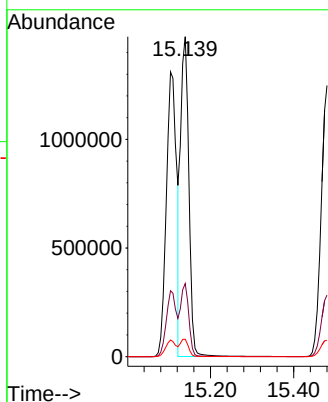
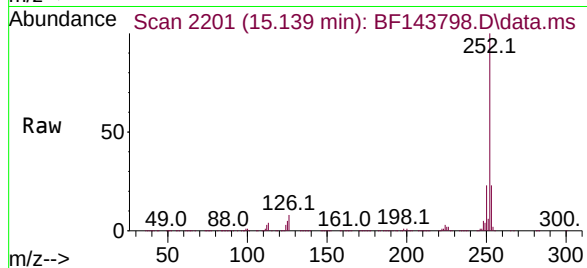
125 5.4 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 76.712 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

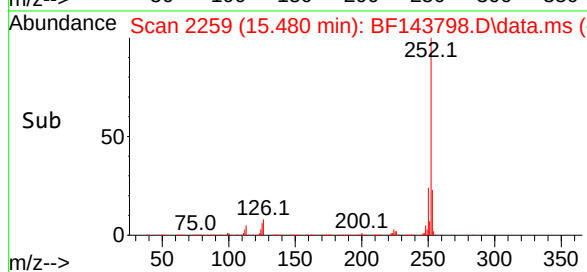
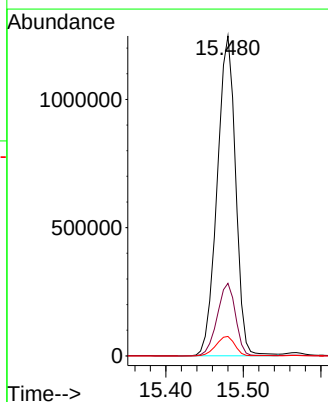
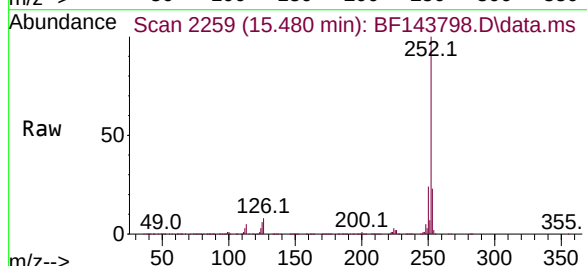
Tgt Ion:252 Resp: 2063204

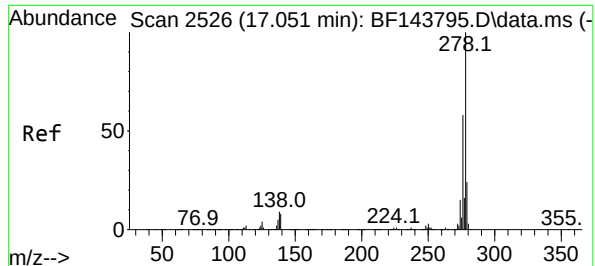
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 6.1 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 75.178 ng

RT: 17.068 min Scan# 2526

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 2621312

Ion Ratio Lower Upper

278 100

139 7.9 6.7 10.1

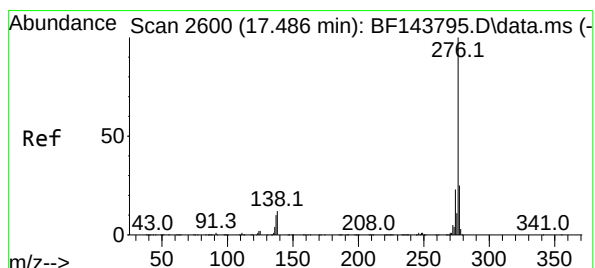
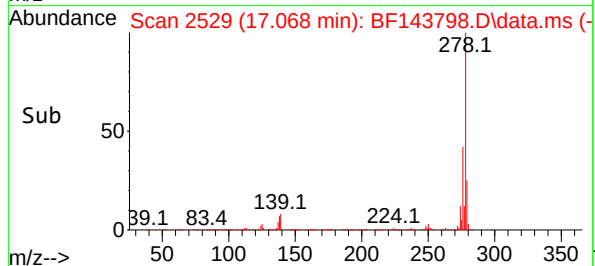
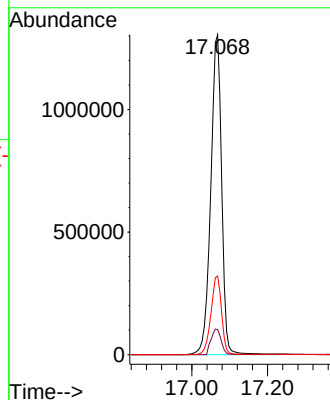
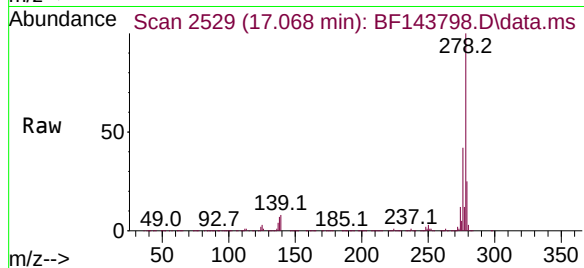
279 24.6 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#92

Benzo(g,h,i)perylene

Concen: 78.108 ng

RT: 17.503 min Scan# 2603

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

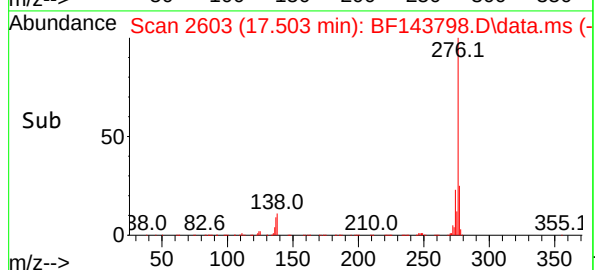
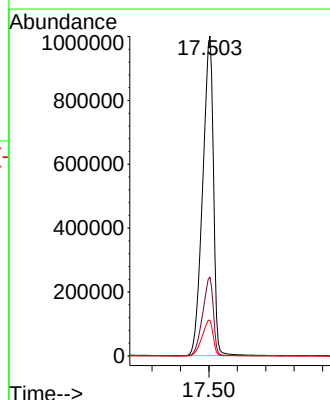
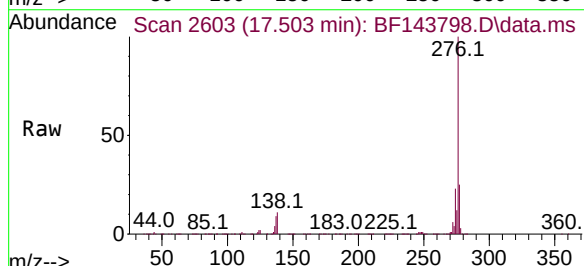
Tgt Ion:276 Resp: 2625358

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 11.1 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109221	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	390323	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	191064	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302827	20.000	ng	0.00
76) Chrysene-d12	14.057	240	375572	20.000	ng	0.00
86) Perylene-d12	15.533	264	528363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	587541	86.573	ng	0.00
7) Phenol-d6	6.504	99	655490	81.847	ng	0.00
23) Nitrobenzene-d5	7.445	82	563159	90.799	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260676	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1032314	79.843	ng	0.00
79) Terphenyl-d14	12.998	244	1544756	80.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	140442	43.647	ng	99
3) Pyridine	3.399	79	373668	43.022	ng	99
4) n-Nitrosodimethylamine	3.340	42	184836	42.441	ng	99
6) Aniline	6.546	93	468886	41.592	ng	99
8) 2-Chlorophenol	6.669	128	292186	42.456	ng	99
9) Benzaldehyde	6.440	77	317430	46.667	ng	96
10) Phenol	6.516	94	378799m	41.956	ng	
11) bis(2-Chloroethyl)ether	6.616	93	296472	41.891	ng	99
12) 1,3-Dichlorobenzene	6.828	146	337770	42.271	ng	100
13) 1,4-Dichlorobenzene	6.904	146	333799	41.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	315213	41.736	ng	99
15) Benzyl Alcohol	7.022	79	238857	42.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	702630	41.868	ng	100
17) 2-Methylphenol	7.128	107	225398	42.304	ng	99
18) Hexachloroethane	7.398	117	120246	42.878	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	198845	39.810	ng	99
20) 3+4-Methylphenols	7.281	107	283024	43.619	ng	99
22) Acetophenone	7.293	105	355985	41.524	ng	99
24) Nitrobenzene	7.463	77	308041	43.582	ng	99
25) Isophorone	7.704	82	519134	41.778	ng	99
26) 2-Nitrophenol	7.781	139	127397	44.135	ng	98
27) 2,4-Dimethylphenol	7.810	122	237292	42.725	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	334704	41.459	ng	100
29) 2,4-Dichlorophenol	8.016	162	234561	42.921	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	240436	42.395	ng	99
31) Naphthalene	8.193	128	785137	42.019	ng	100
32) Benzoic acid	7.893	122	117697	43.922	ng	96
33) 4-Chloroaniline	8.234	127	275488	41.955	ng	99
34) Hexachlorobutadiene	8.310	225	179313	42.413	ng	100
35) Caprolactam	8.587	113	61486	44.018	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	217750	42.485	ng	96
37) 2-Methylnaphthalene	8.881	142	496707	41.689	ng	99
38) 1-Methylnaphthalene	8.981	142	478612	41.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	242106	41.989	ng	99
41) Hexachlorocyclopentadiene	9.034	237	160009	43.786	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	162537	45.018	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	159783	42.310	ng	100
46) 1,1'-Biphenyl	9.345	154	570562	41.254	ng	99
47) 2-Chloronaphthalene	9.369	162	457929	41.133	ng	99
48) 2-Nitroaniline	9.463	65	161814	48.090	ng	99
49) Acenaphthylene	9.787	152	647976	42.279	ng	99
50) Dimethylphthalate	9.639	163	496374	42.624	ng	99
51) 2,6-Dinitrotoluene	9.704	165	92326	48.254	ng	99
52) Acenaphthene	9.957	154	422277	41.869	ng	100
53) 3-Nitroaniline	9.869	138	110544	47.665	ng	96
54) 2,4-Dinitrophenol	9.975	184	28355	46.217	ng	# 69
55) Dibenzofuran	10.128	168	602575	42.251	ng	100
56) 4-Nitrophenol	10.016	139	85715	45.864	ng	96
57) 2,4-Dinitrotoluene	10.104	165	126090	44.618	ng	99
58) Fluorene	10.475	166	446712	42.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149133	46.097	ng	99
60) Diethylphthalate	10.345	149	470914	43.199	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	227995	42.203	ng	100
62) 4-Nitroaniline	10.481	138	104533	47.936	ng	98
63) Azobenzene	10.622	77	491364	42.769	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	49519	45.452	ng	94
66) n-Nitrosodiphenylamine	10.581	169	413097	41.480	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	221312	42.884	ng	98
68) Hexachlorobenzene	11.022	284	303404	42.661	ng	99
69) Atrazine	11.104	200	130018	45.083	ng	99
70) Pentachlorophenol	11.210	266	163934	46.307	ng	99
71) Phenanthrene	11.439	178	657630	42.299	ng	100
72) Anthracene	11.486	178	674513	43.252	ng	99
73) Carbazole	11.639	167	601493	44.114	ng	100
74) Di-n-butylphthalate	11.975	149	724195	46.182	ng	100
75) Fluoranthene	12.628	202	719722	46.027	ng	100
77) Benzidine	12.751	184	368236	40.236	ng	99
78) Pyrene	12.857	202	759210	41.117	ng	100
80) Butylbenzylphthalate	13.475	149	298166	46.674	ng	99
81) Benzo(a)anthracene	14.045	228	833201	41.296	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	373433	42.723	ng	99
83) Chrysene	14.080	228	799482	43.791	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	427966	45.704	ng	97
85) Di-n-octyl phthalate	14.651	149	756048	44.512	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1728261	43.111	ng	99
88) Benzo(b)fluoranthene	15.098	252	1234859	45.894	ng	100
89) Benzo(k)fluoranthene	15.133	252	1105146	40.882	ng	99
90) Benzo(a)pyrene	15.474	252	1093771	43.246	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1422887	43.395	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1366956	43.247	ng	100

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On    : 23 Sep 2025  17:42
Operator  : RC/JU
Sample    : SSTDICV040
Misc      :
ALS Vial  : 12    Sample Multiplier: 1

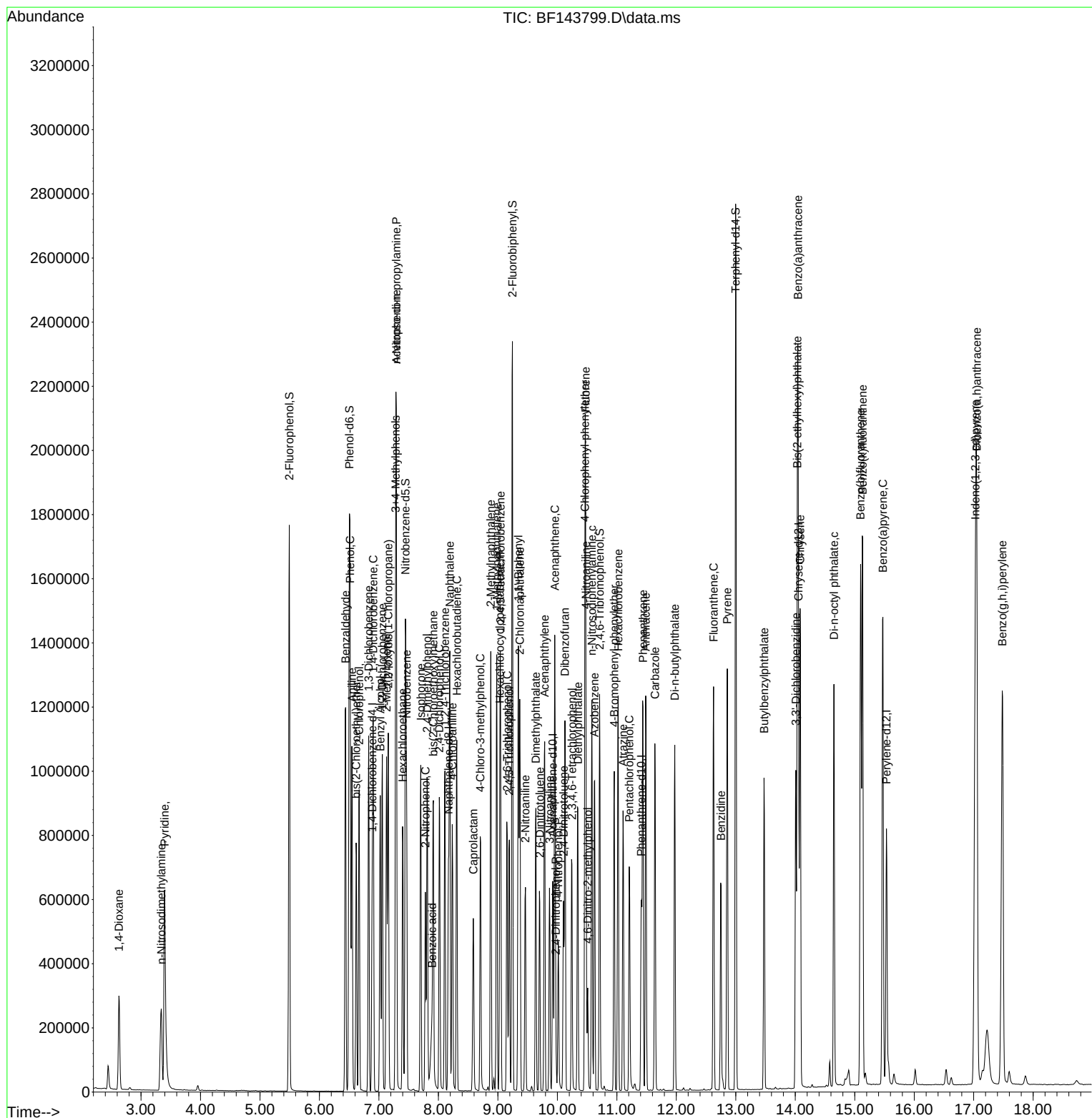
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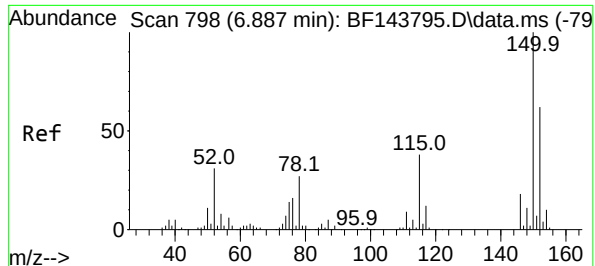
Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

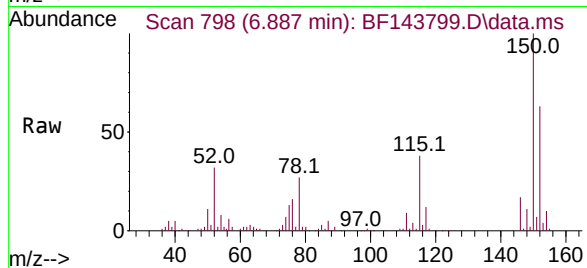
Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

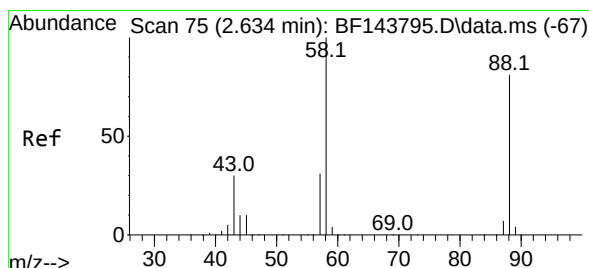
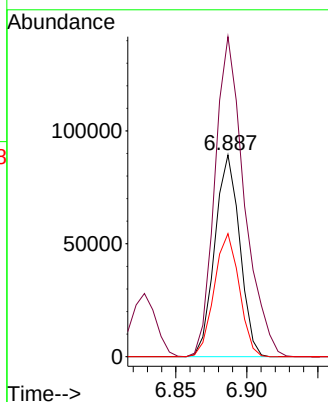
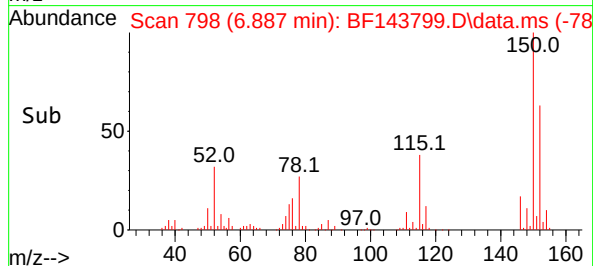
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:152 Resp: 10922
Ion Ratio Lower Upper
152 100
150 158.7 129.6 194.4
115 61.0 49.0 73.4

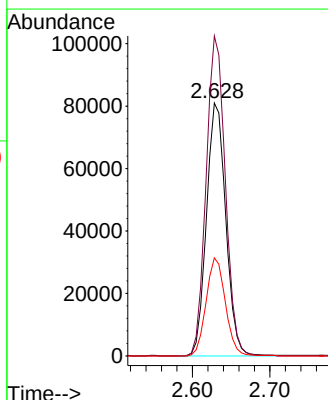
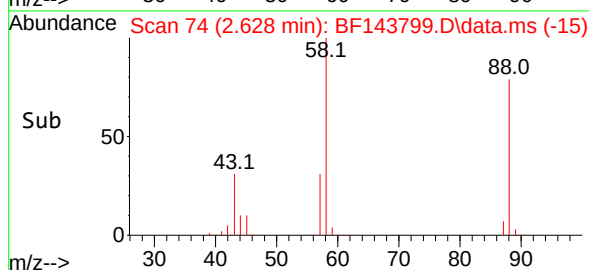
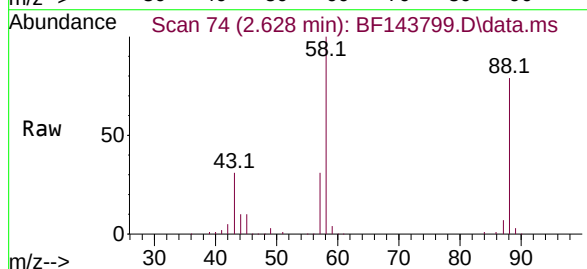
Manual Integrations
APPROVED

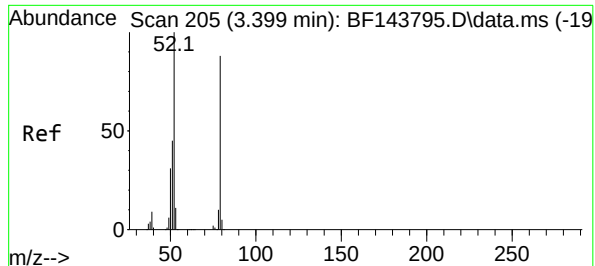
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 43.647 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

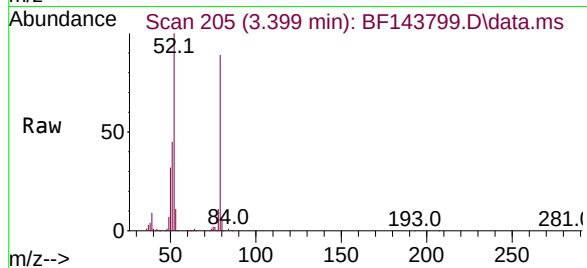
Tgt Ion: 88 Resp: 140442
Ion Ratio Lower Upper
88 100
58 125.4 99.4 149.2
43 38.5 30.6 45.8





#3
Pyridine
Concen: 43.022 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

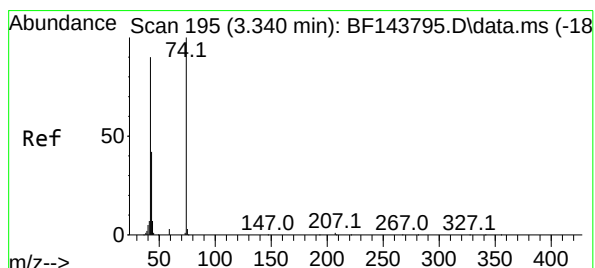
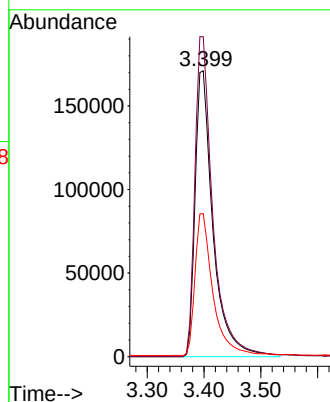
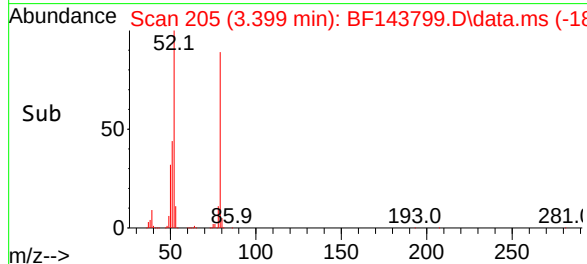
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 79 Resp: 373668
Ion Ratio Lower Upper
79 100
52 112.0 90.5 135.7
51 50.0 40.6 61.0

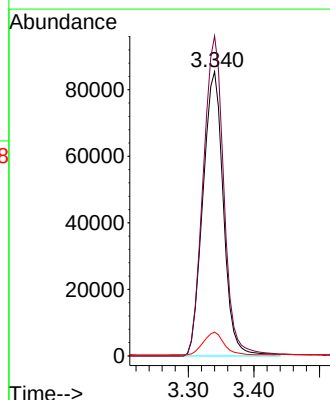
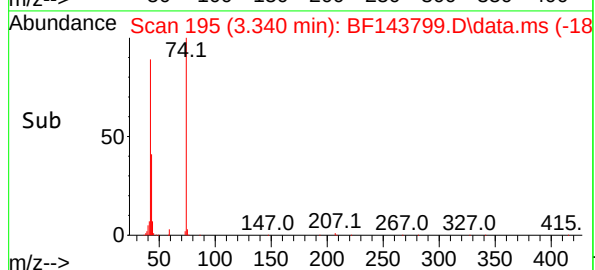
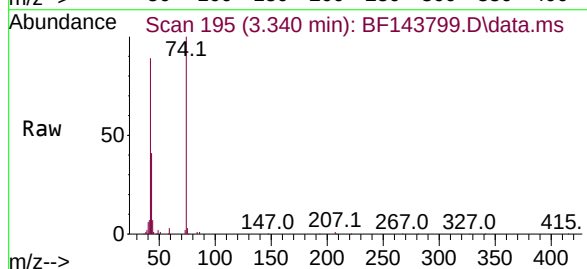
Manual Integrations
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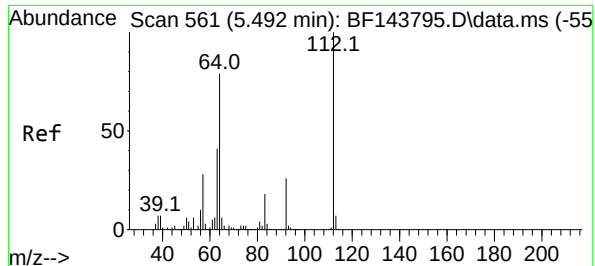
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 42.441 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

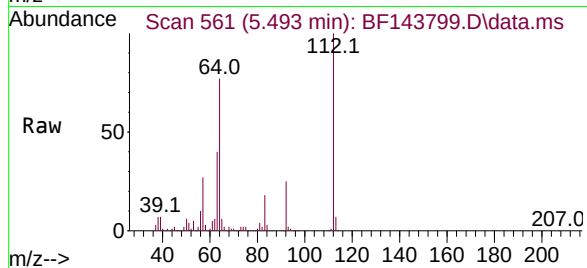
Tgt Ion: 42 Resp: 184836
Ion Ratio Lower Upper
42 100
74 112.6 89.1 133.7
44 8.3 6.4 9.6





#5
2-Fluorophenol
Concen: 86.573 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

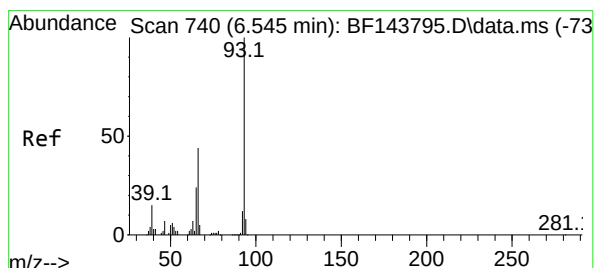
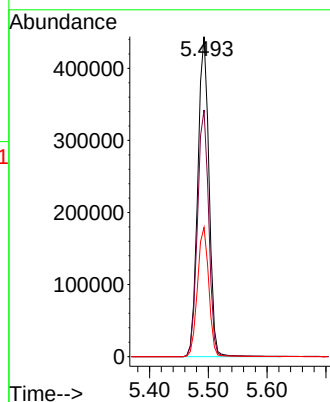
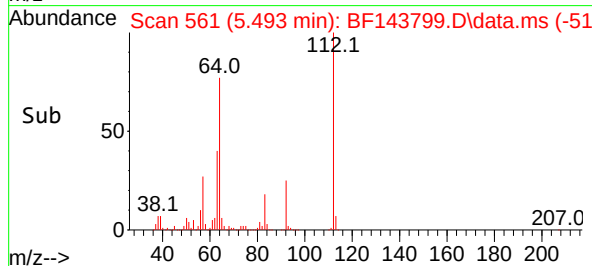
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 112 Resp: 587541
Ion Ratio Lower Upper
112 100
64 77.1 63.0 94.4
63 40.4 32.6 49.0

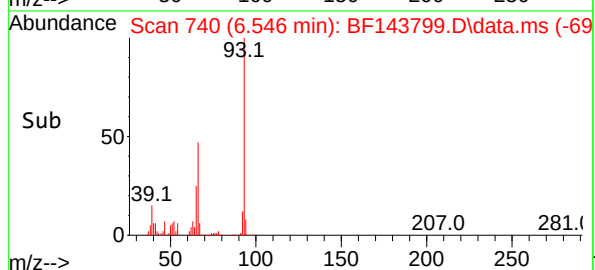
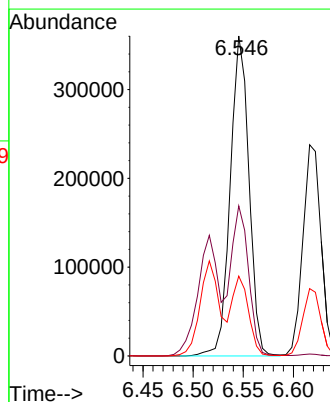
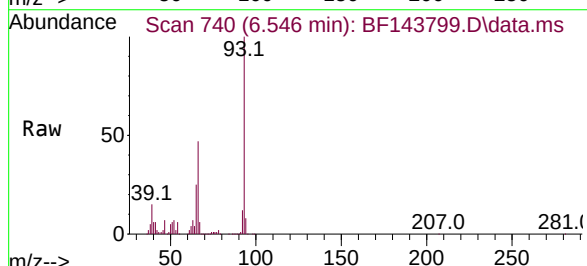
Manual Integrations
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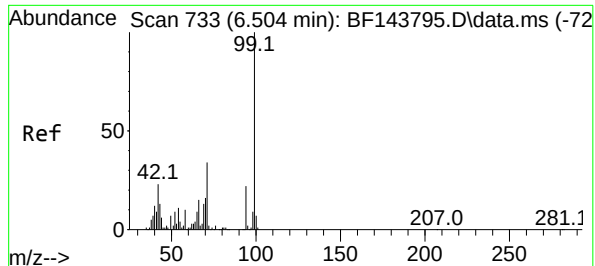
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 41.592 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

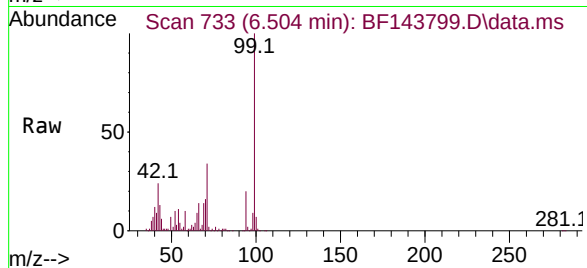
Tgt Ion: 93 Resp: 468886
Ion Ratio Lower Upper
93 100
66 46.9 37.1 55.7
65 24.9 19.4 29.0





#7
Phenol-d6
Concen: 81.847 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

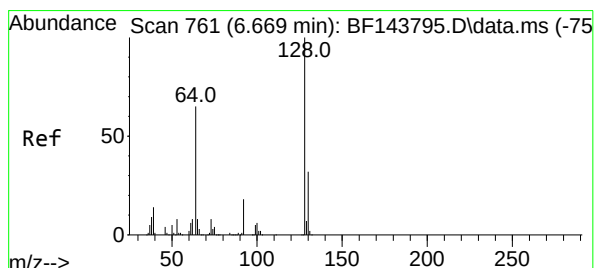
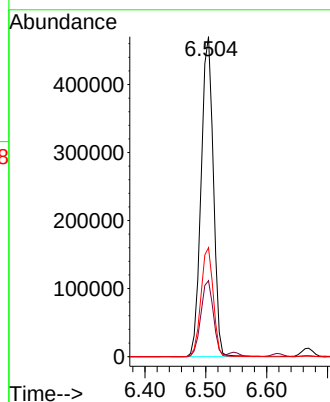
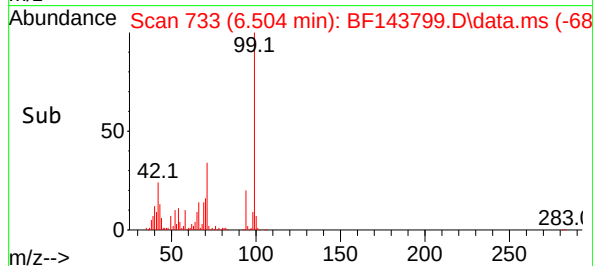
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 99 Resp: 655490
Ion Ratio Lower Upper
99 100
42 23.7 18.6 28.0
71 34.0 27.0 40.4

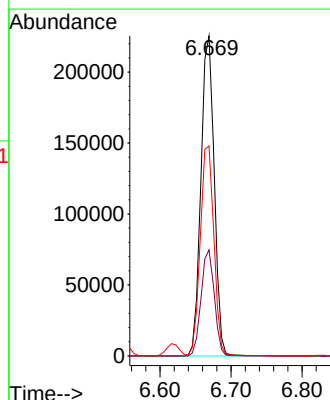
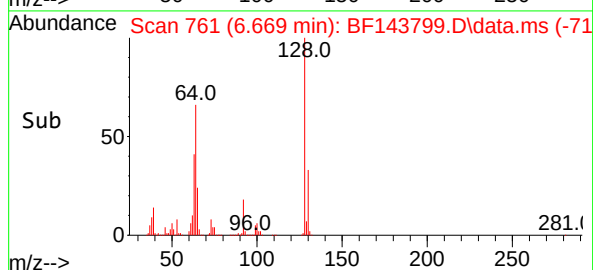
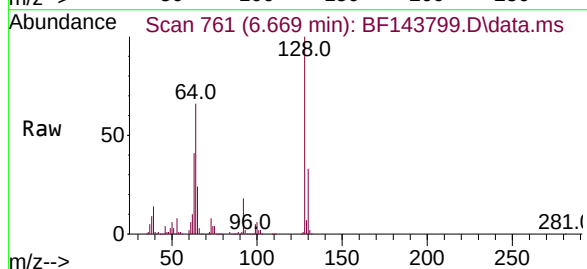
Manual Integrations
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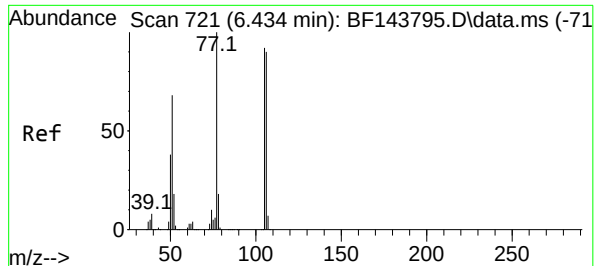
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 42.456 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

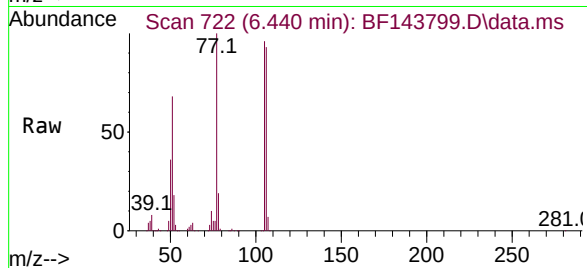
Tgt Ion:128 Resp: 292186
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 65.6 46.5 86.5





#9
Benzaldehyde
Concen: 46.667 ng
RT: 6.440 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

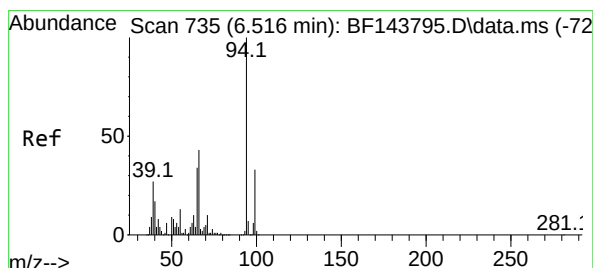
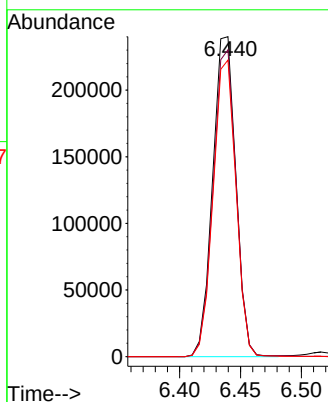
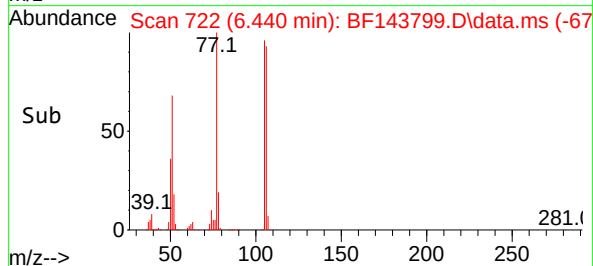
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 77 Resp: 317430
Ion Ratio Lower Upper
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105 95.9 71.8 111.8
106 92.7 69.8 109.8

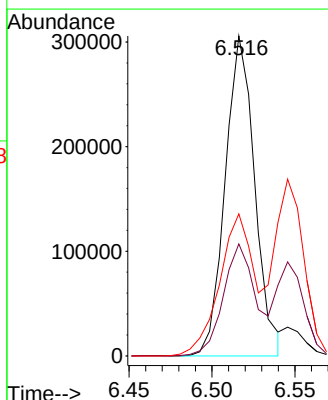
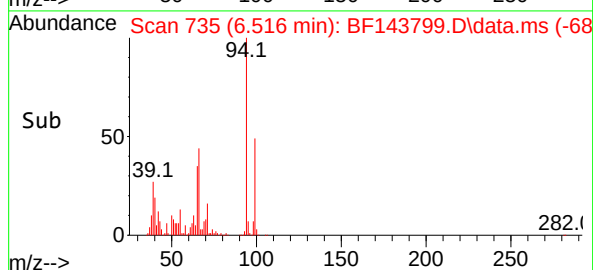
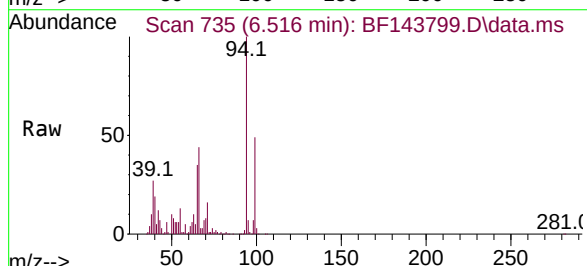
Manual Integrations
APPROVED

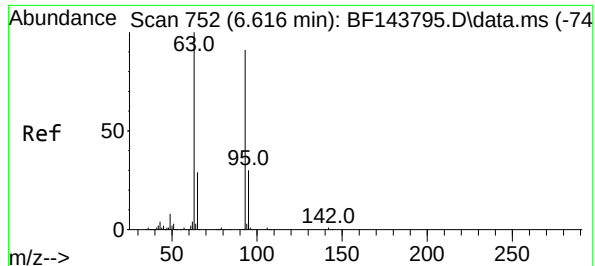
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#10
Phenol
Concen: 41.956 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 94 Resp: 378799
Ion Ratio Lower Upper
94 100
65 35.0 14.2 54.2
66 44.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 41.891 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143799.D

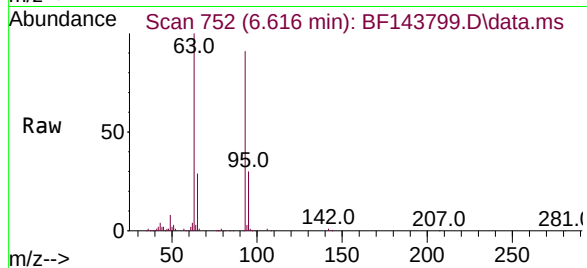
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Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion: 93 Resp: 296472

Ion Ratio Lower Upper

93 100

63 110.1 89.2 129.2

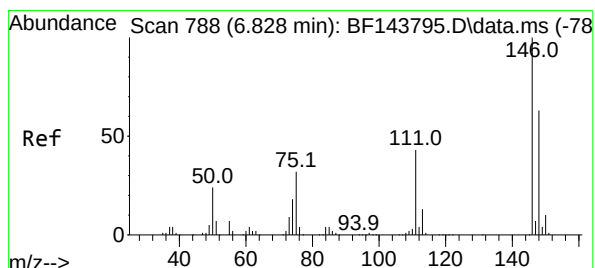
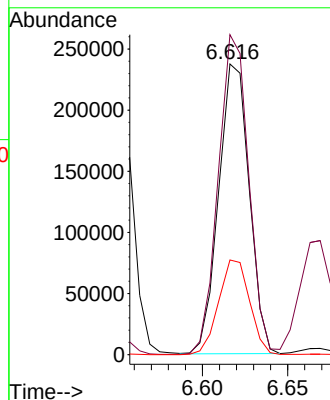
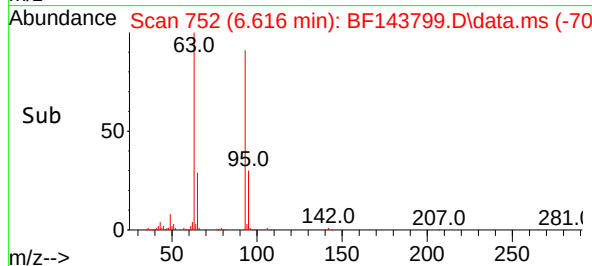
95 32.5 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 42.271 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

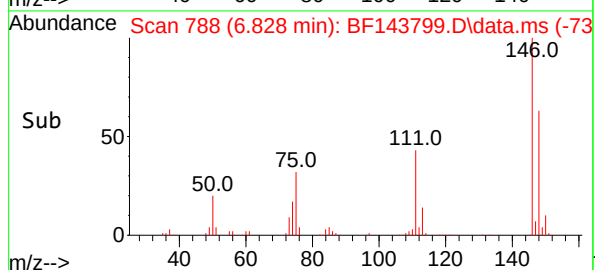
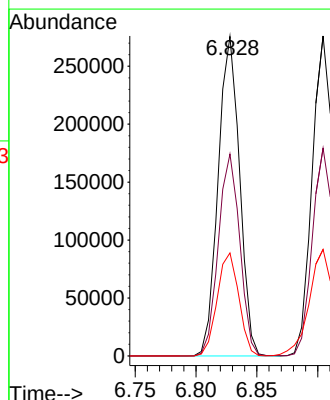
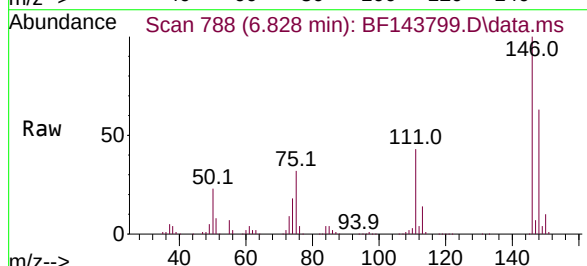
Tgt Ion:146 Resp: 337770

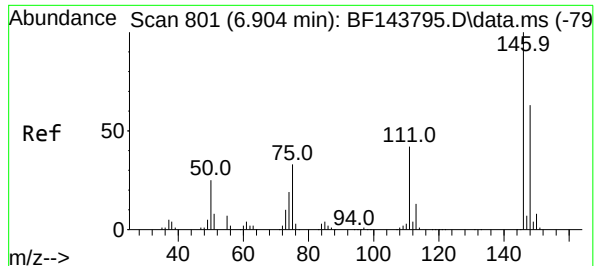
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

75 32.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:146 Resp: 333799

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

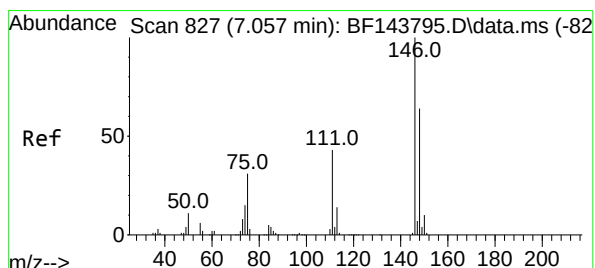
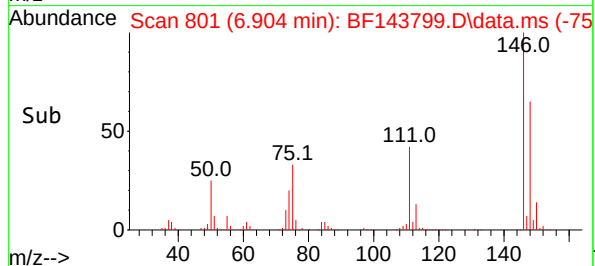
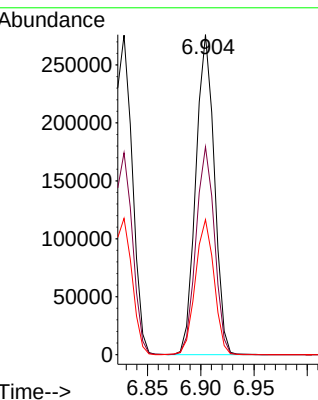
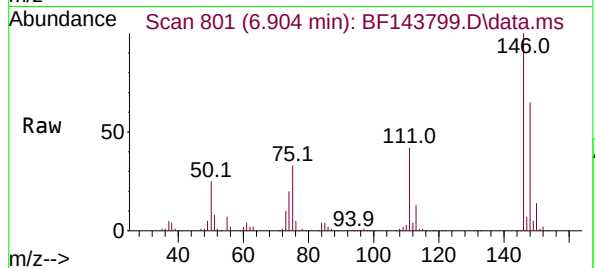
111 42.2 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 41.736 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

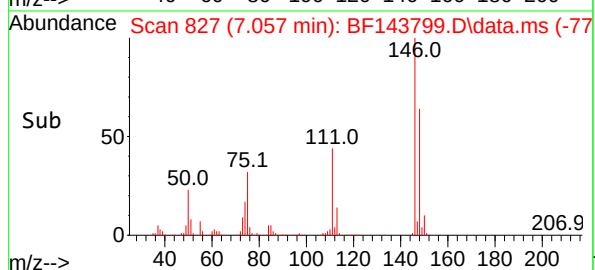
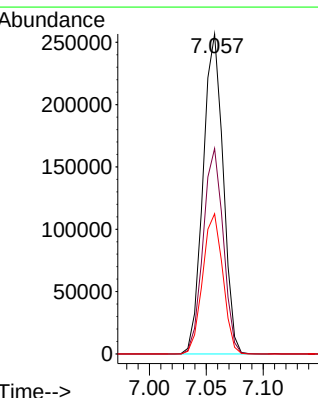
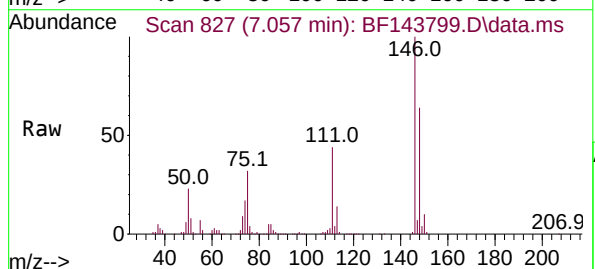
Tgt Ion:146 Resp: 315213

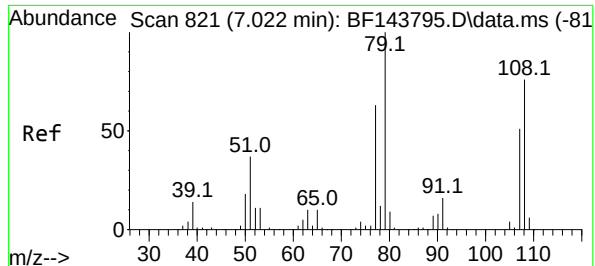
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

111 43.8 34.3 51.5





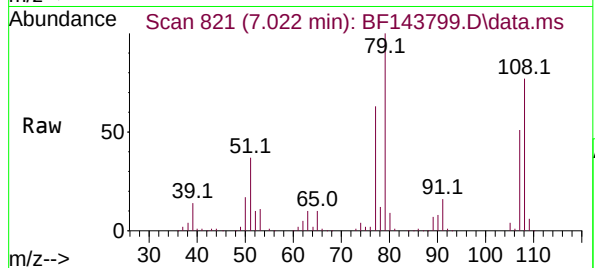
#15
Benzyl Alcohol
Concen: 42.558 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

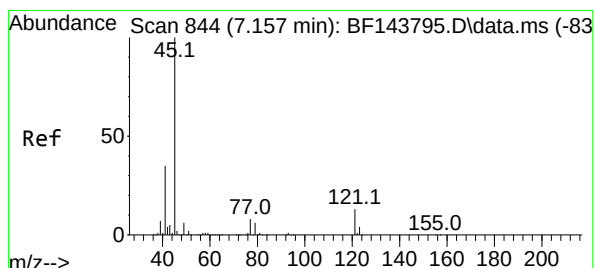
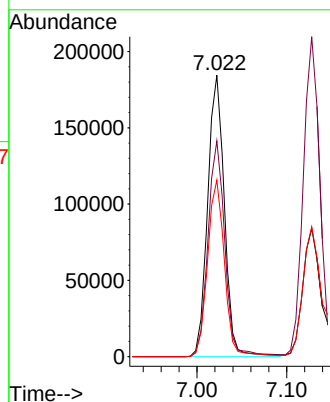
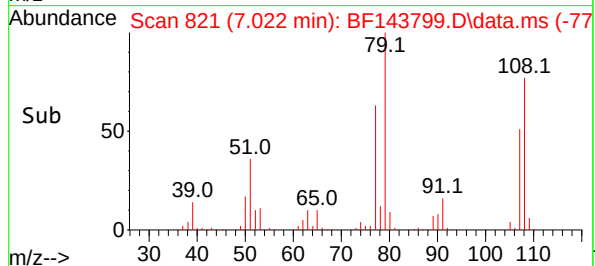


Tgt Ion: 79 Resp: 23885
Ion Ratio Lower Upper
79 100
108 76.7 60.5 90.7
77 62.8 50.3 75.5

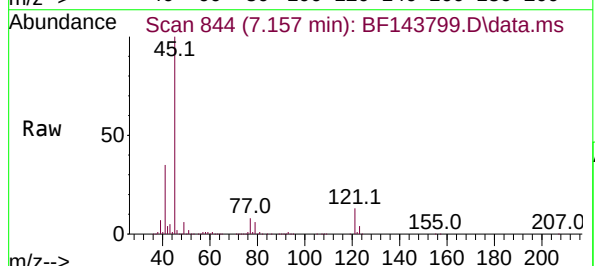
Manual Integrations

APPROVED

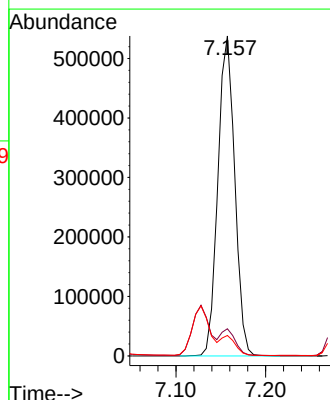
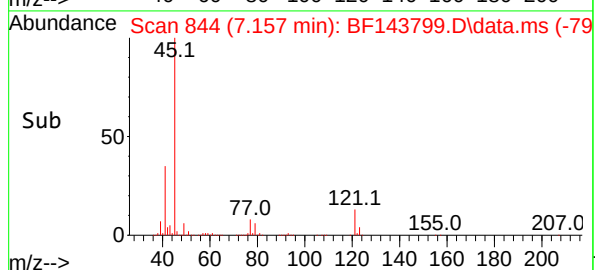
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

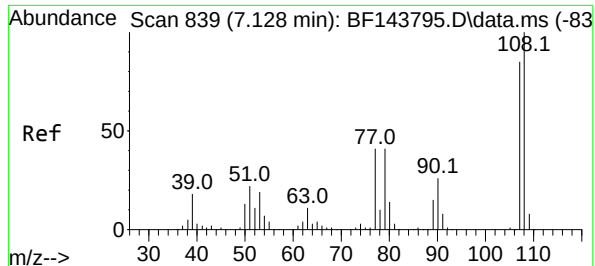


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.868 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion: 45 Resp: 702630
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.4 0.0 26.3





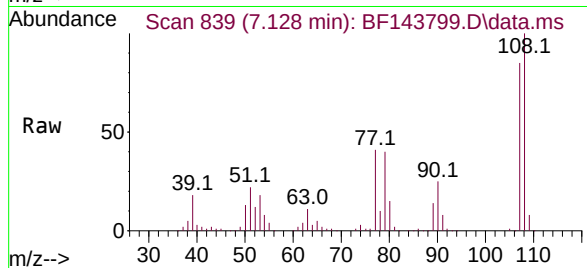
#17
2-Methylphenol
Concen: 42.304 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

Client Sample Id :

ICVBF092325

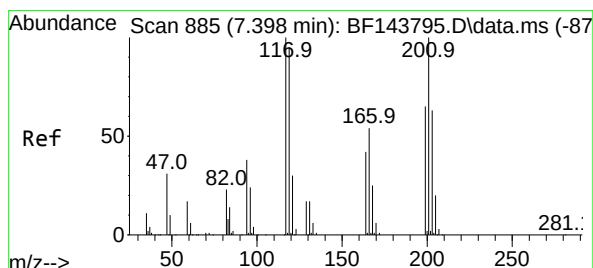
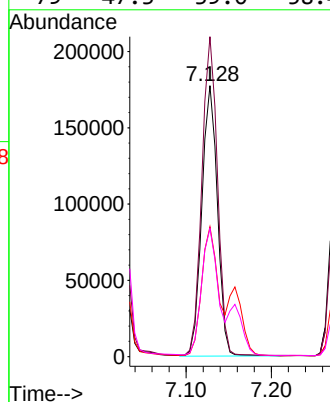
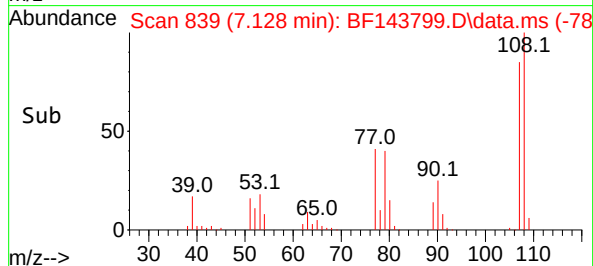


Tgt Ion:107 Resp: 225398
Ion Ratio Lower Upper
107 100
108 118.1 94.2 141.4
77 47.9 38.6 58.0
79 47.3 39.0 58.4

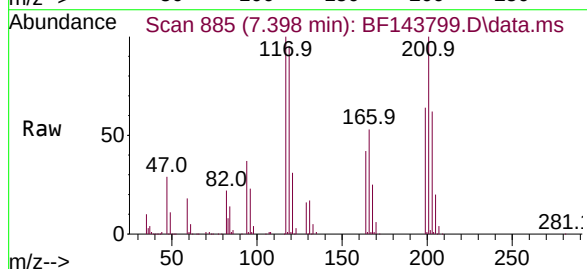
Manual Integrations

APPROVED

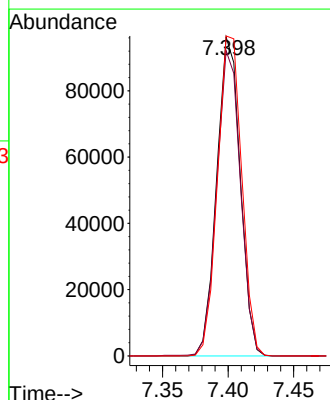
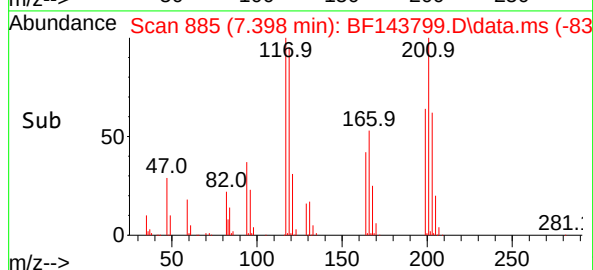
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

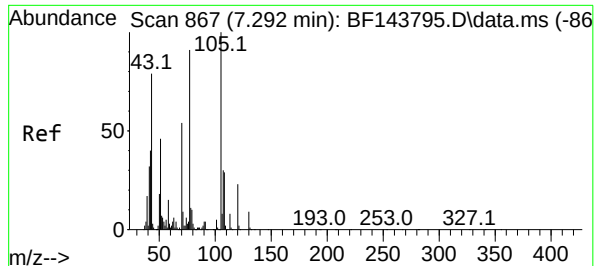


#18
Hexachloroethane
Concen: 42.878 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:117 Resp: 120246
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 100.4 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.810 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion: 70 Resp: 198845

Ion Ratio Lower Upper

70 100

42 74.7 59.4 89.0

101 8.5 7.1 10.7

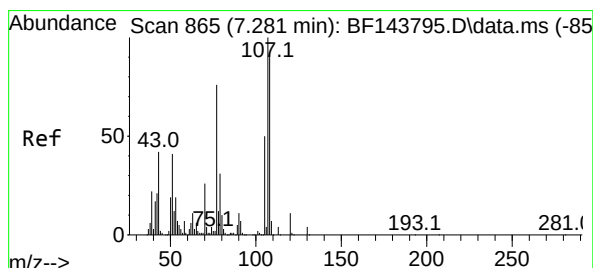
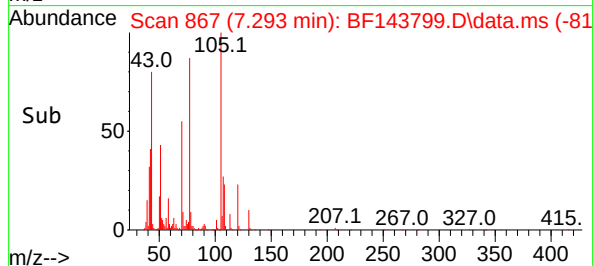
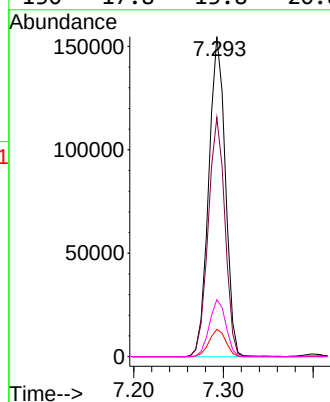
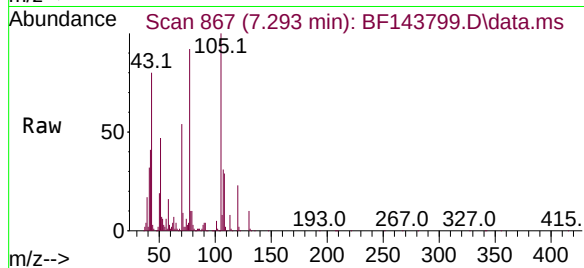
130 17.8 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 43.619 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 283024

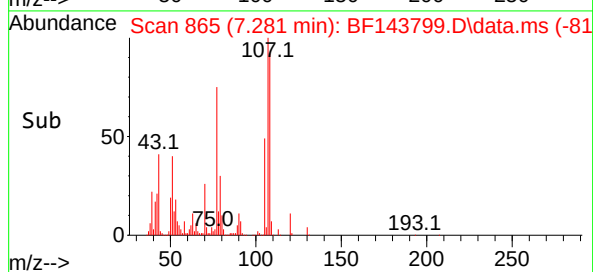
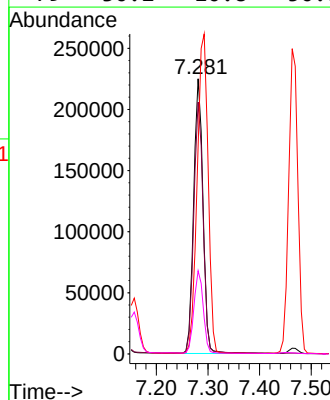
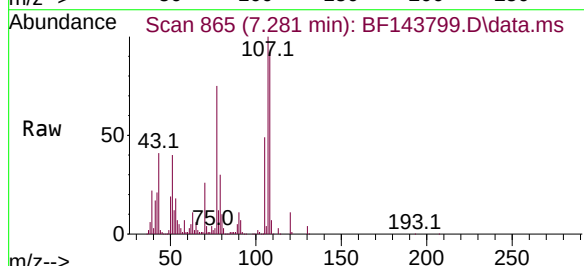
Ion Ratio Lower Upper

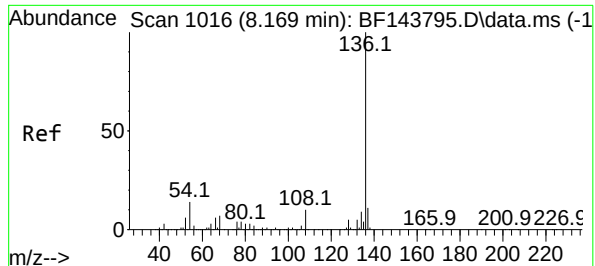
107 100

108 91.5 72.5 112.5

77 75.4 56.2 96.2

79 30.2 10.8 50.8





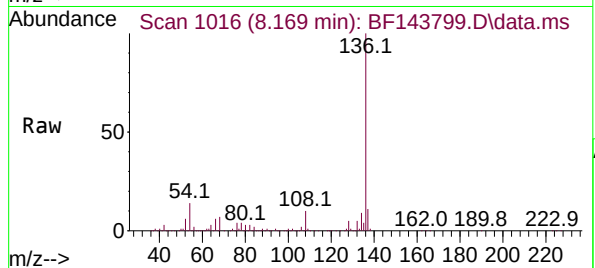
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

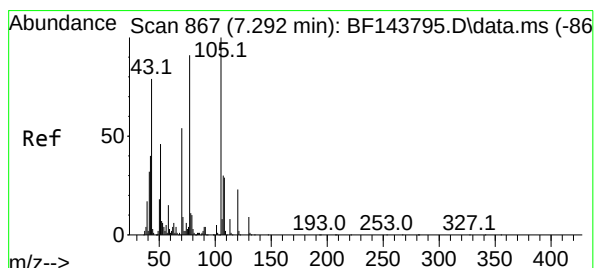
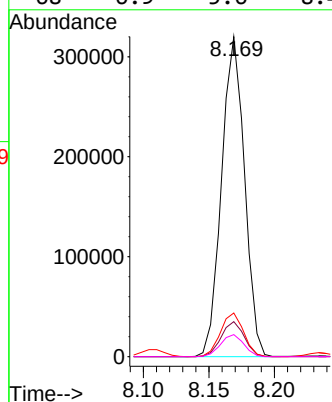
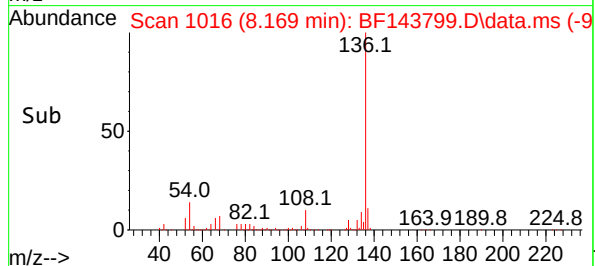


Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.6	11.2	16.8
68	6.9	5.6	8.4

Manual Integrations

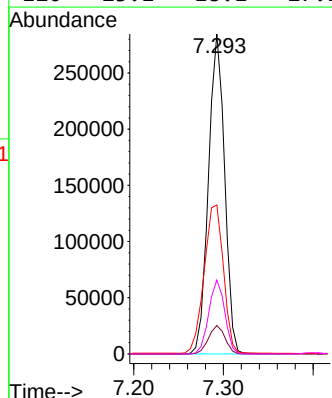
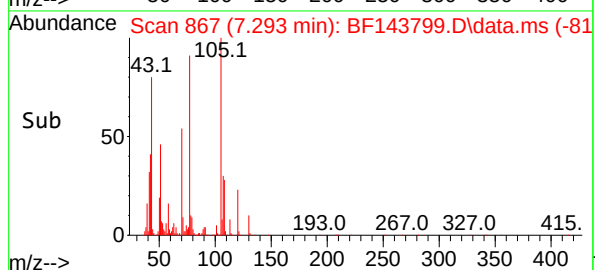
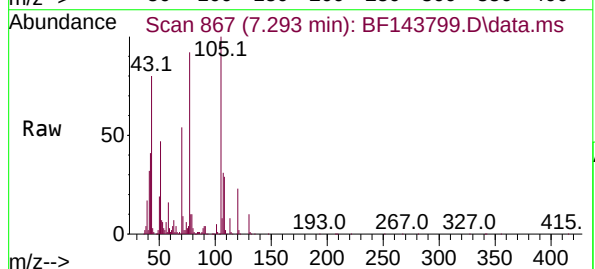
APPROVED

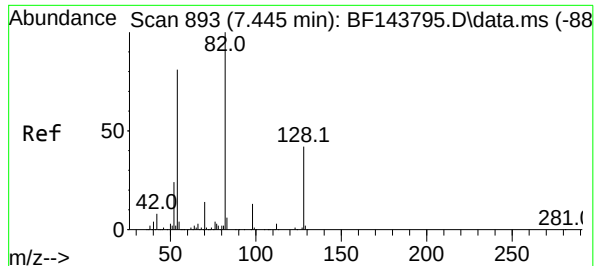
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 41.524 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

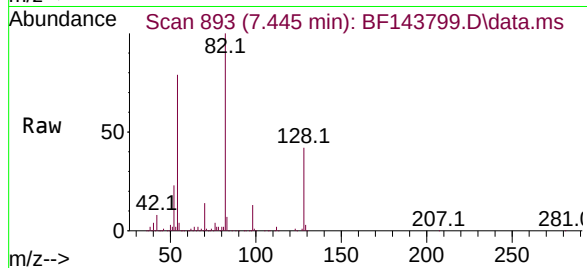
Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.9	7.0	10.4
51	46.5	36.6	55.0
120	23.1	18.1	27.1





#23
Nitrobenzene-d5
Concen: 90.799 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

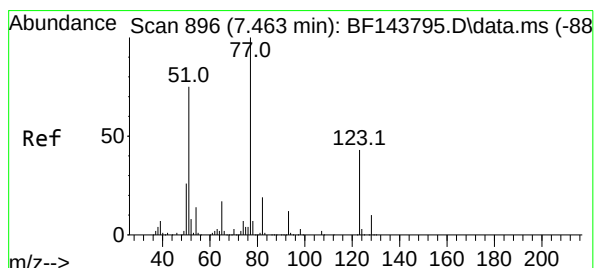
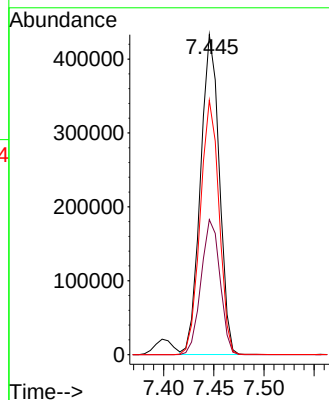
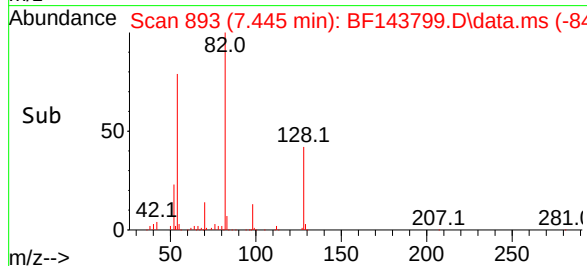
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 82 Resp: 563159
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 79.5 64.2 96.4

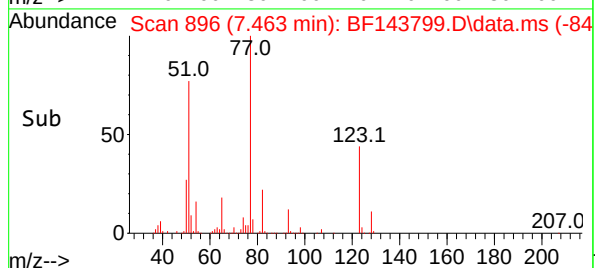
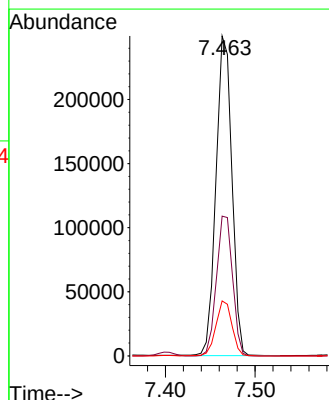
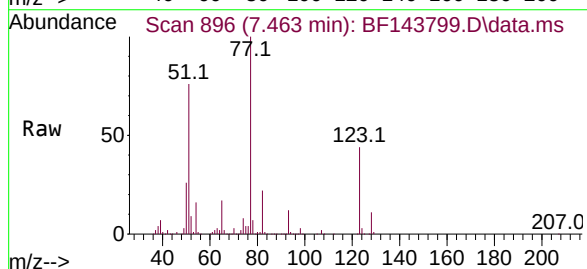
Manual Integrations
APPROVED

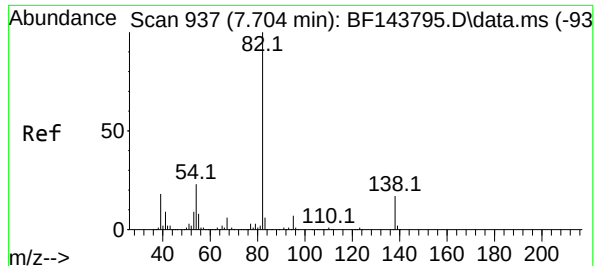
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 43.582 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

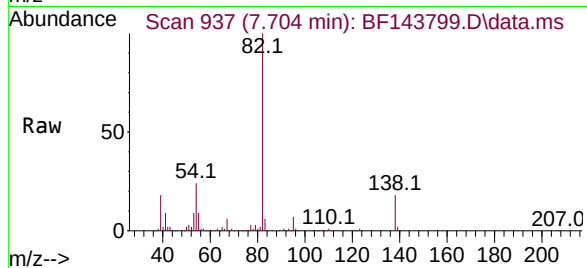
Tgt Ion: 77 Resp: 308041
Ion Ratio Lower Upper
77 100
123 43.7 34.0 51.0
65 17.2 13.5 20.3





#25
Isophorone
Concen: 41.778 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

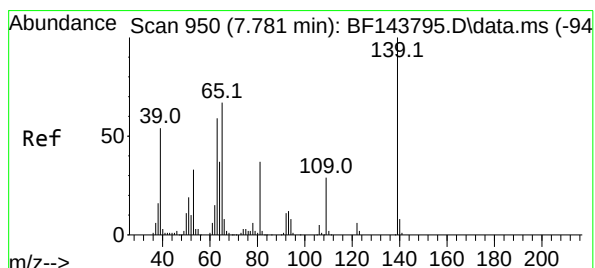
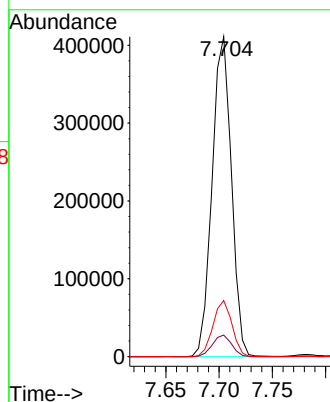
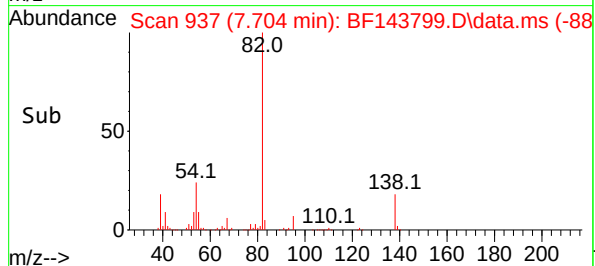
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 82 Resp: 519134
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.5 13.7 20.5

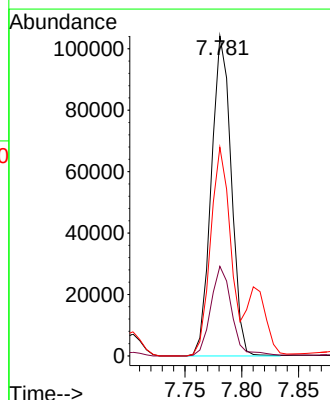
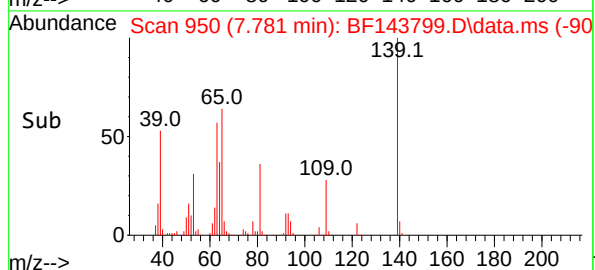
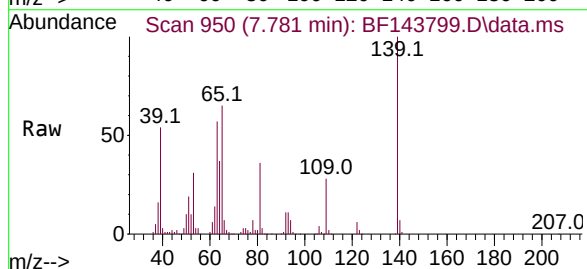
Manual Integrations
APPROVED

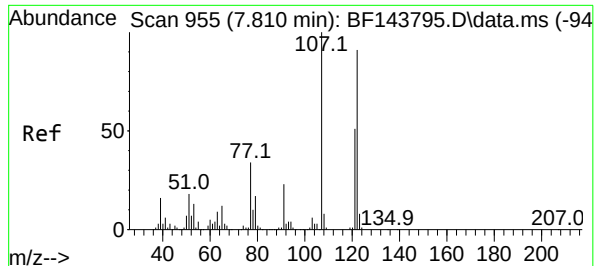
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 44.135 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:139 Resp: 127397
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 65.2 53.8 80.6





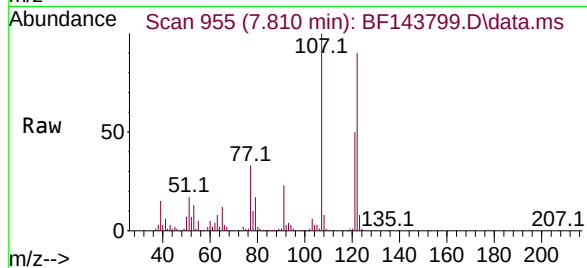
#27
2,4-Dimethylphenol
Concen: 42.725 ng
RT: 7.810 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

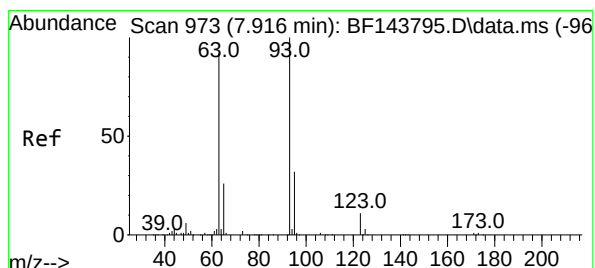
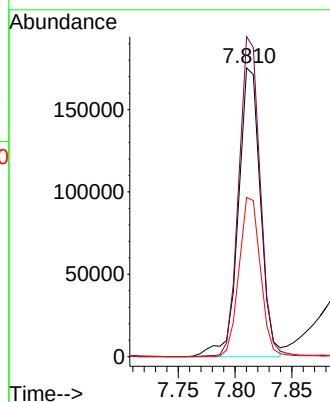
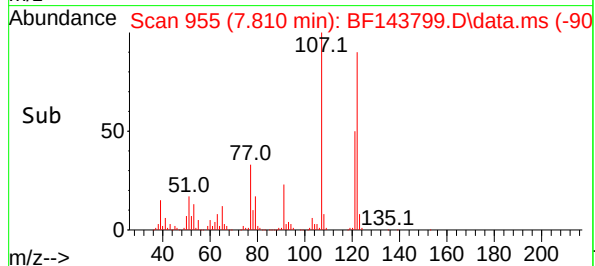


Tgt Ion:122 Resp: 237292
Ion Ratio Lower Upper
122 100
107 110.8 87.5 131.3
121 55.1 44.2 66.4

Manual Integrations

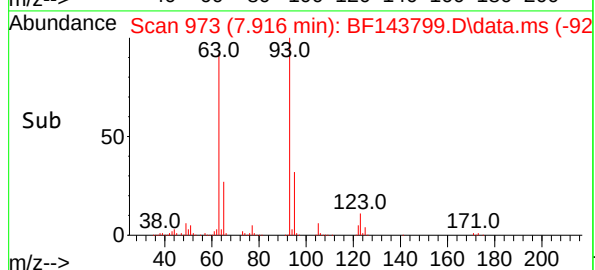
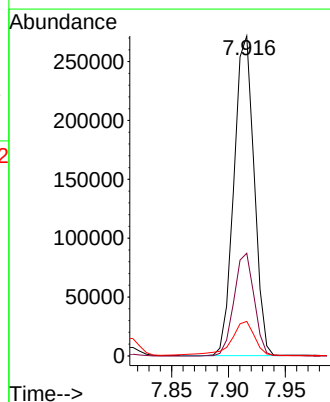
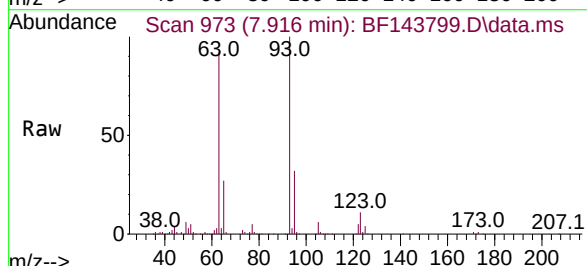
APPROVED

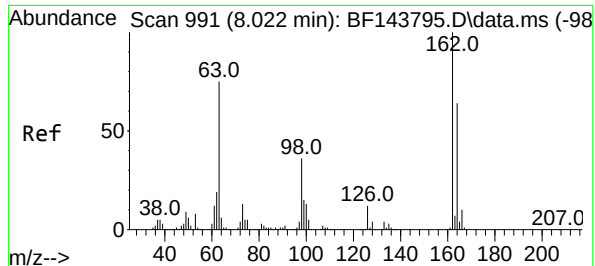
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.459 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 93 Resp: 334704
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.921 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:162 Resp: 23456

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

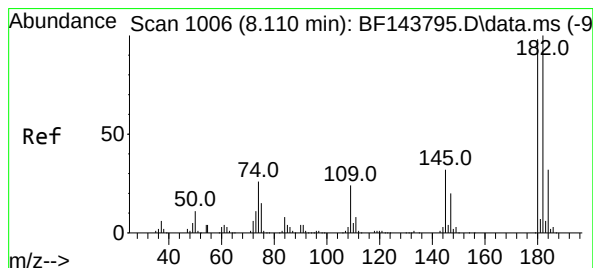
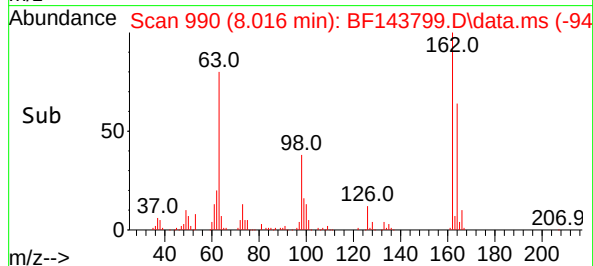
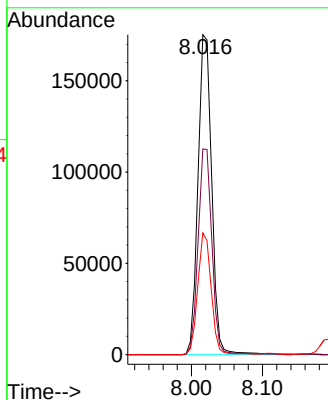
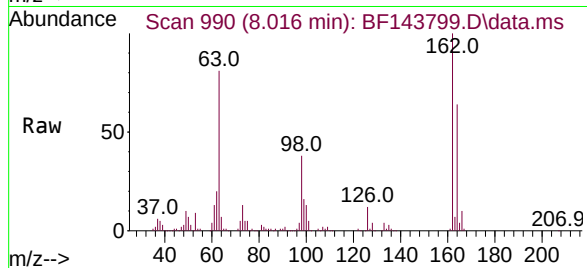
98 38.0 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.395 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

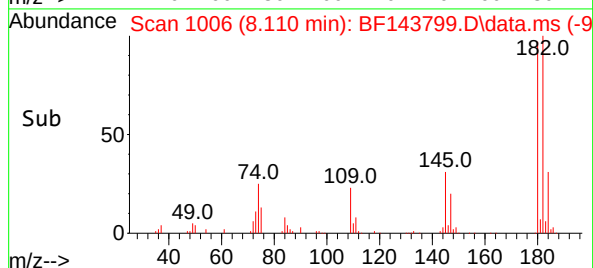
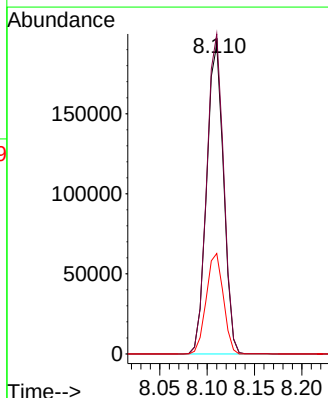
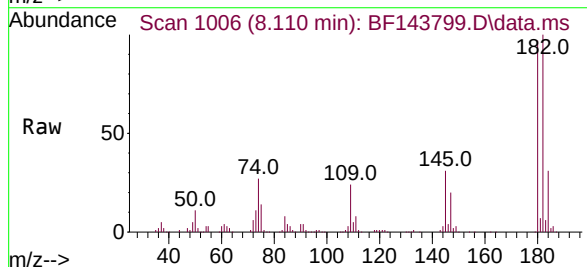
Tgt Ion:180 Resp: 240436

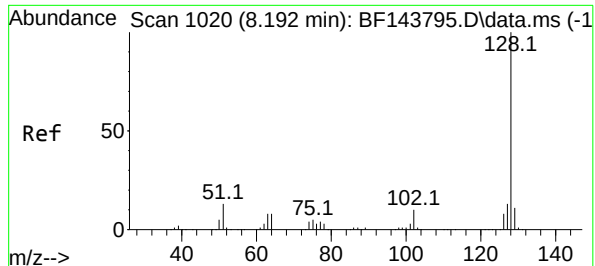
Ion Ratio Lower Upper

180 100

182 103.4 82.0 123.0

145 32.4 25.9 38.9





#31

Naphthalene

Concen: 42.019 ng

RT: 8.193 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143799.D

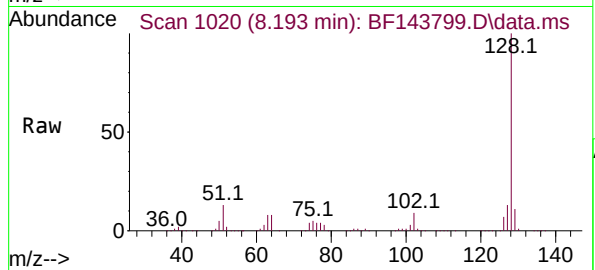
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



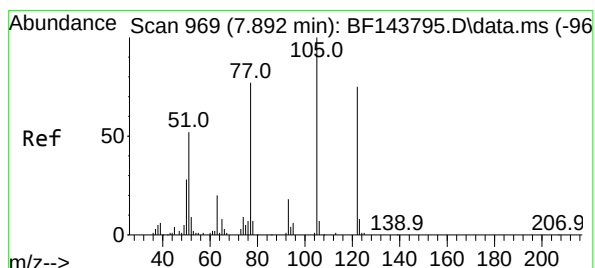
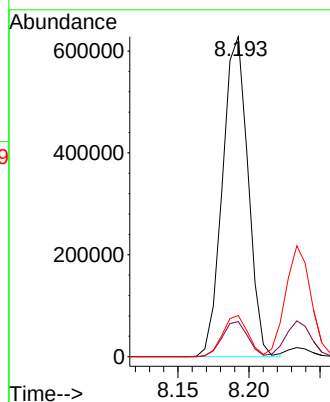
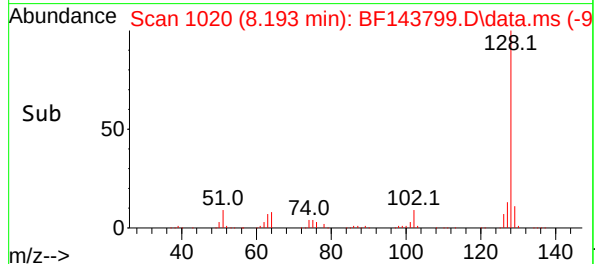
Tgt Ion:	128	Resp:	78513
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	12.8	10.2	15.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#32

Benzoic acid

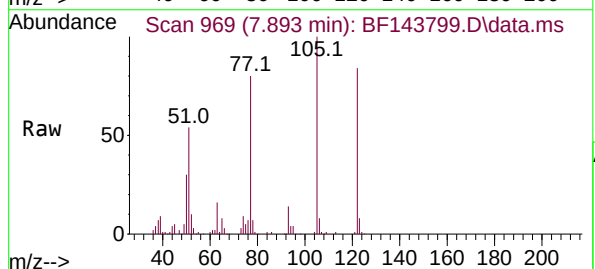
Concen: 43.922 ng

RT: 7.893 min Scan# 969

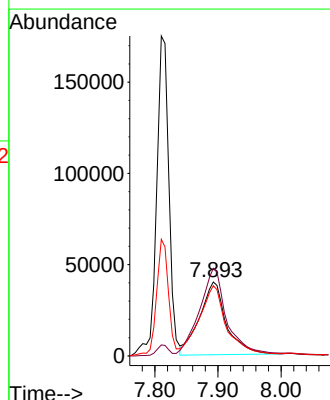
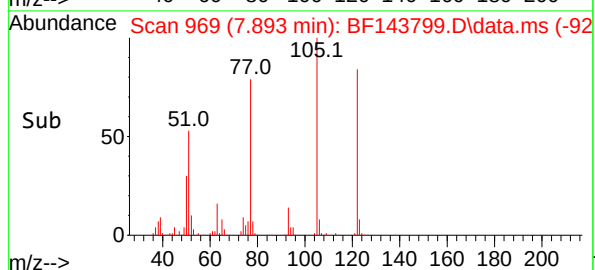
Delta R.T. -0.029 min

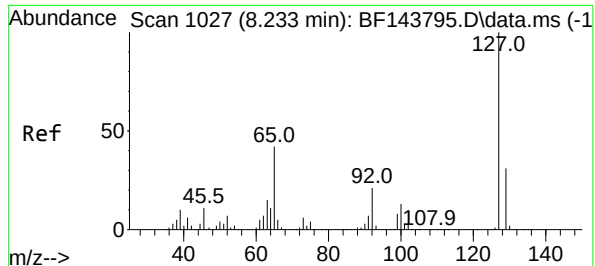
Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



Tgt Ion:	122	Resp:	117697
Ion Ratio	Lower	Upper	
122	100		
105	118.7	103.7	143.7
77	94.9	78.8	118.8





#33

4-Chloroaniline

Concen: 41.955 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:127 Resp: 275488

Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 42.5 33.4 50.2

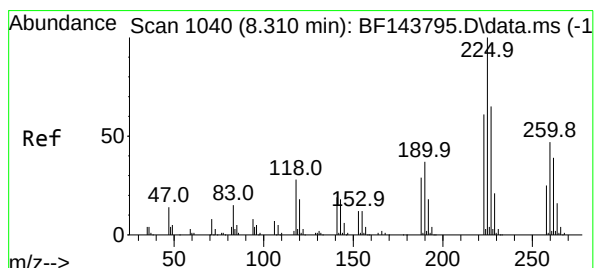
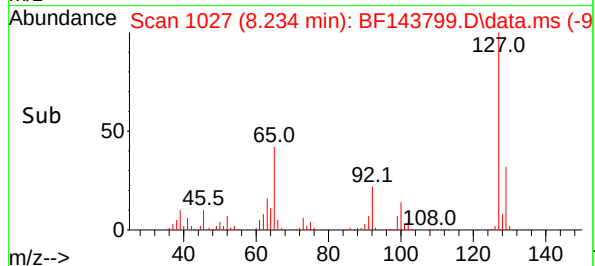
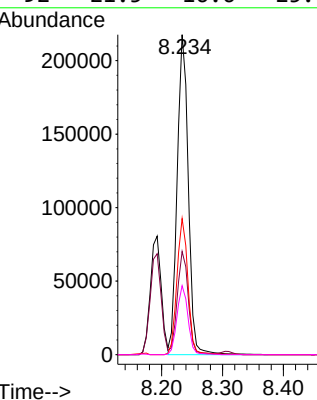
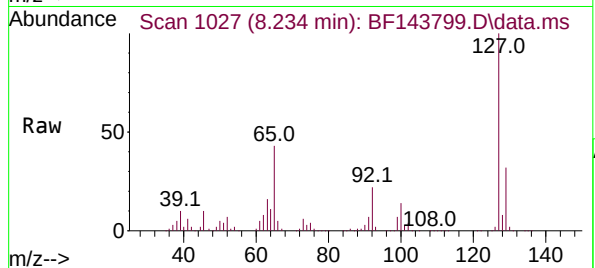
92 21.5 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#34

Hexachlorobutadiene

Concen: 42.413 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

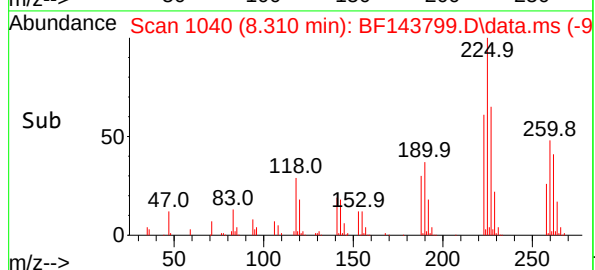
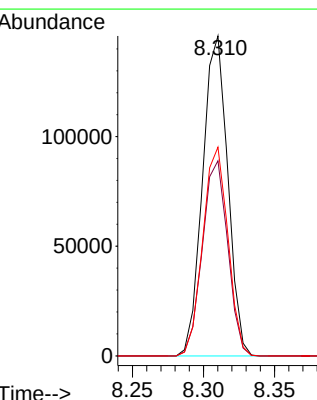
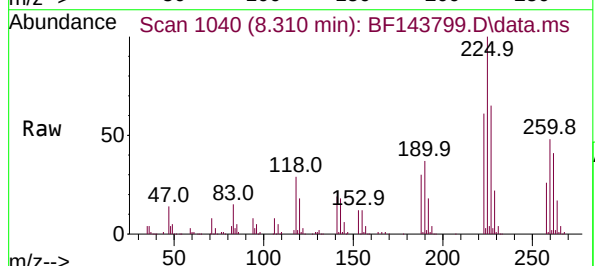
Tgt Ion:225 Resp: 179313

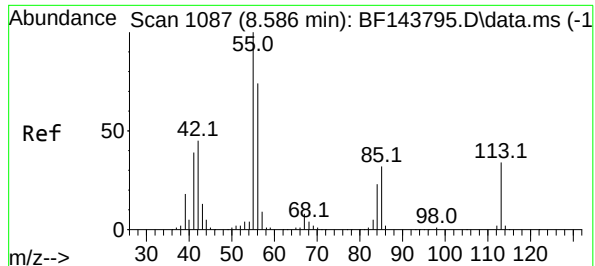
Ion Ratio Lower Upper

225 100

223 61.0 48.6 72.8

227 65.2 51.9 77.9





#35
Caprolactam
Concen: 44.018 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

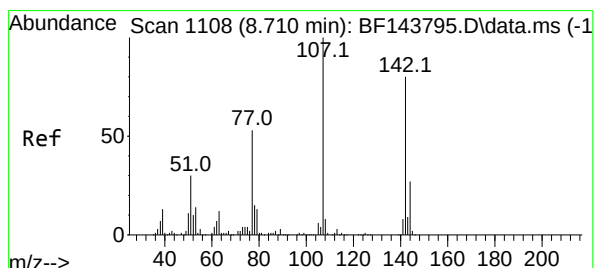
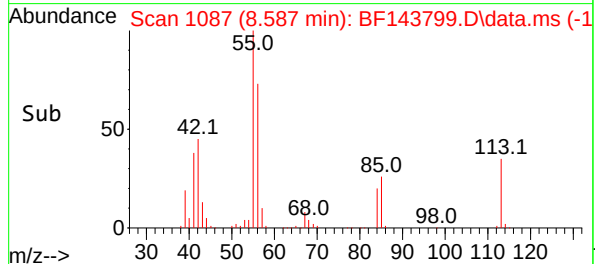
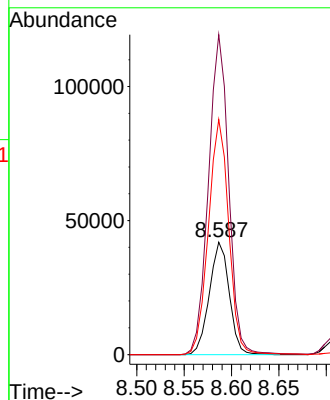
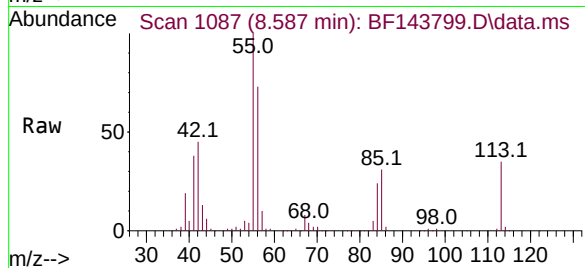
ICVBF092325

Tgt Ion:113 Resp: 61486
Ion Ratio Lower Upper
113 100
55 284.8 271.7 311.7
56 209.2 194.5 234.5

Manual Integrations

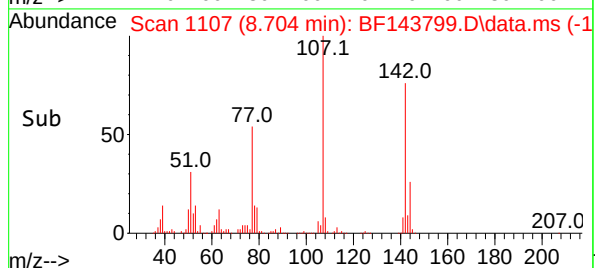
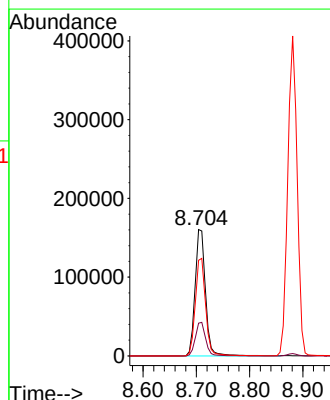
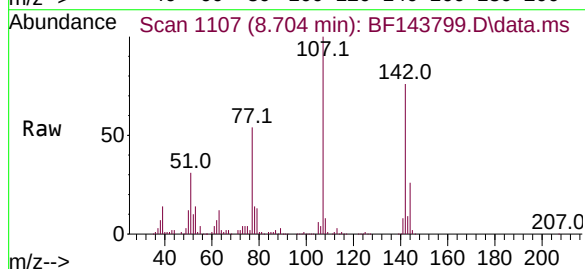
APPROVED

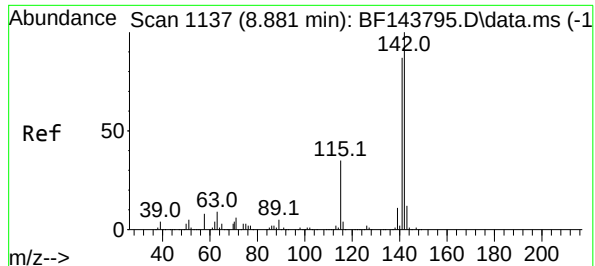
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 42.485 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

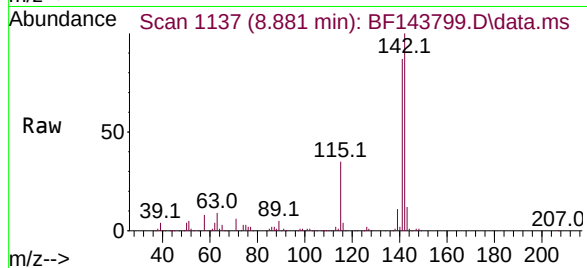
Tgt Ion:107 Resp: 217750
Ion Ratio Lower Upper
107 100
144 26.0 21.8 32.8
142 75.7 63.6 95.4





#37
2-Methylnaphthalene
Concen: 41.689 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

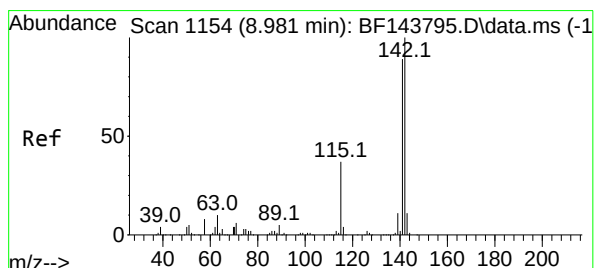
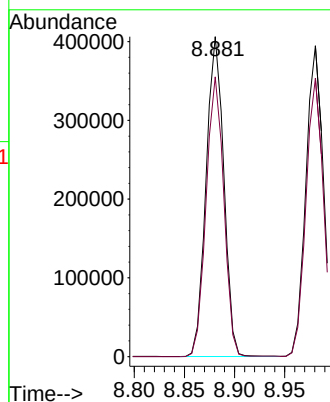
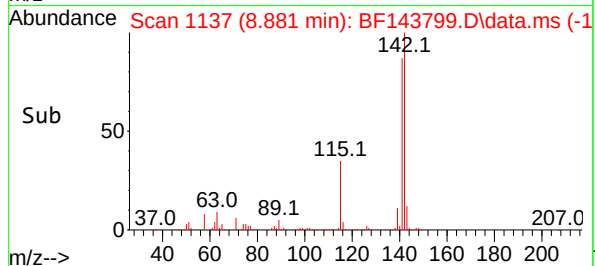
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:142 Resp: 496707
Ion Ratio Lower Upper
142 100
141 87.4 69.4 104.0

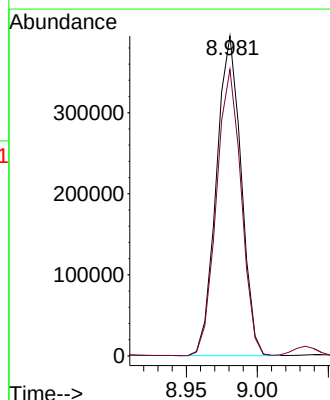
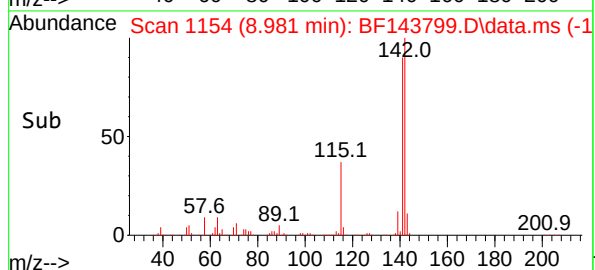
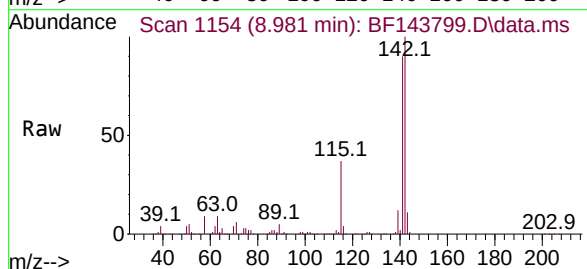
Manual Integrations
APPROVED

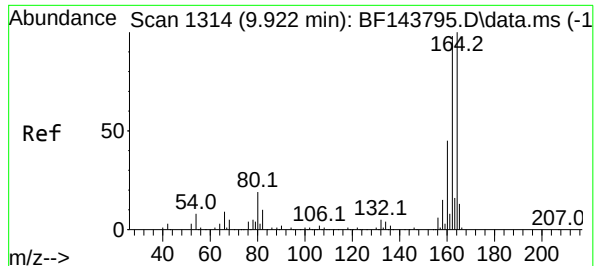
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 41.968 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:142 Resp: 478612
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143799.D

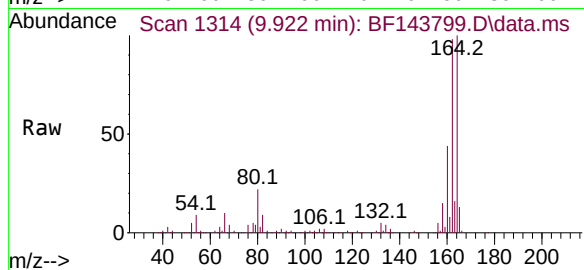
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:164 Resp: 191064

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

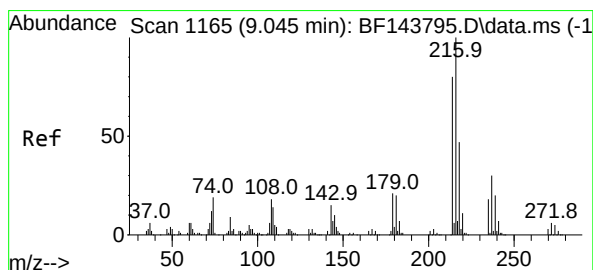
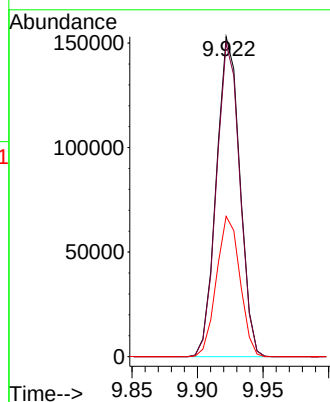
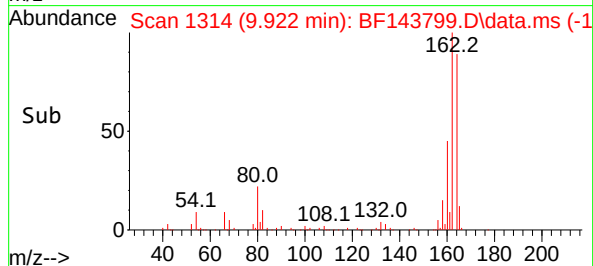
160 43.8 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.989 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:216 Resp: 242106

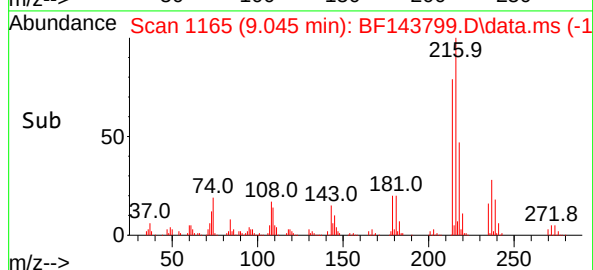
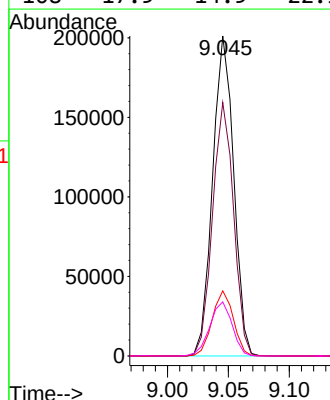
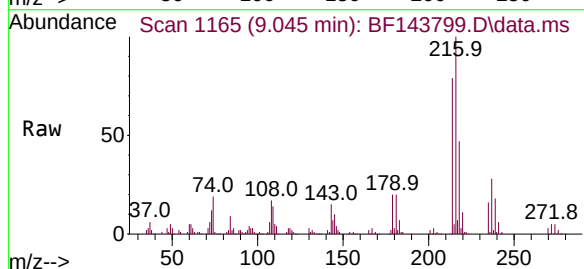
Ion Ratio Lower Upper

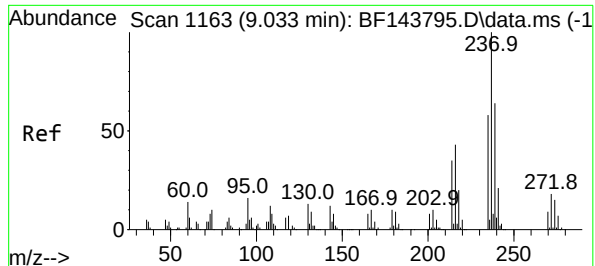
216 100

214 79.0 63.7 95.5

179 20.4 16.5 24.7

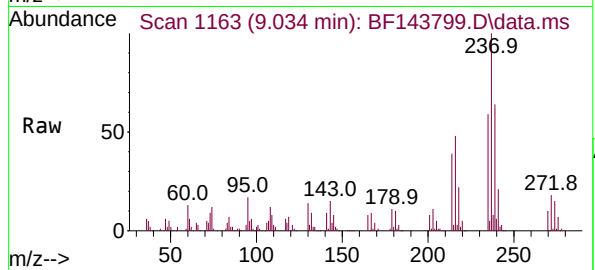
108 17.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 43.786 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

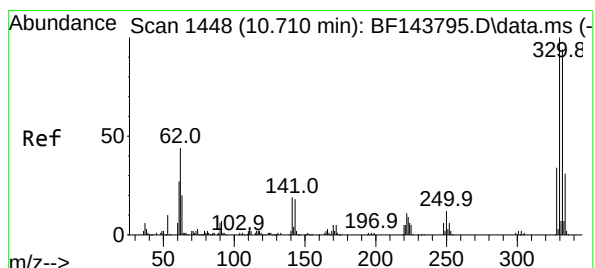
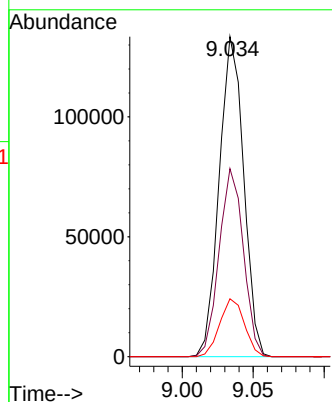
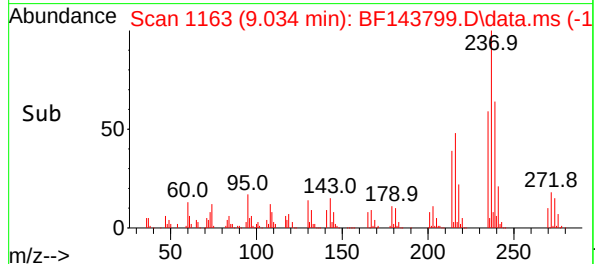
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:237 Resp: 160009
Ion Ratio Lower Upper
237 100
235 58.7 38.1 78.1
272 18.1 0.0 37.9

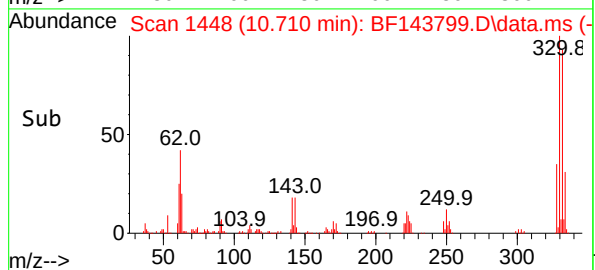
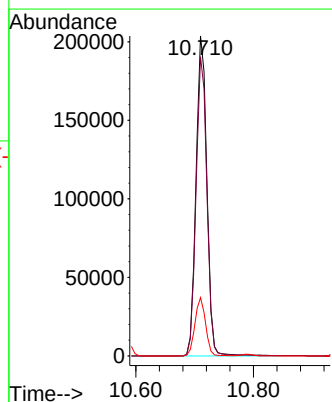
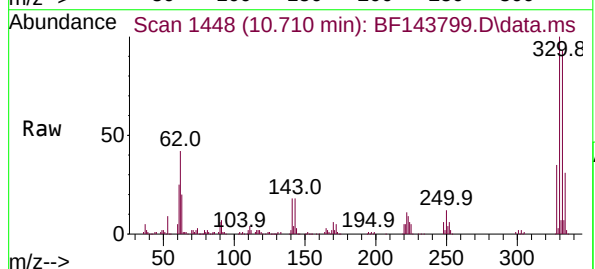
Manual Integrations
APPROVED

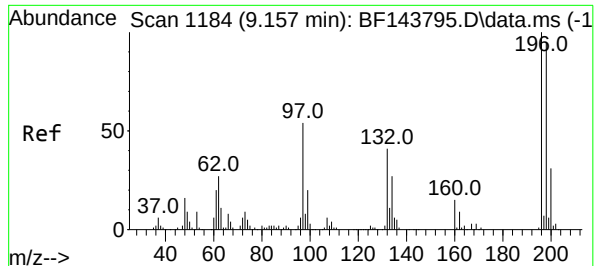
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 95.600 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:330 Resp: 260676
Ion Ratio Lower Upper
330 100
332 93.5 74.7 112.1
141 17.8 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 45.018 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143799.D

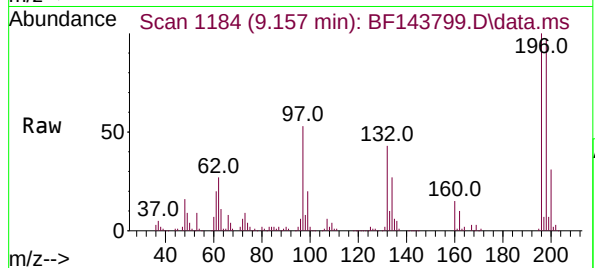
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:196 Resp: 16253

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

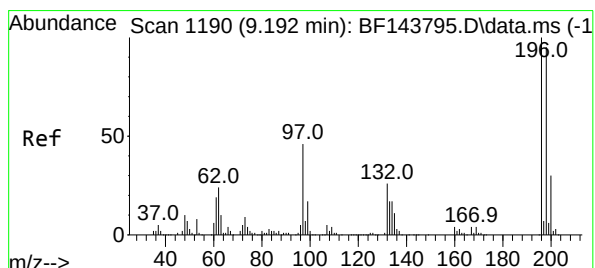
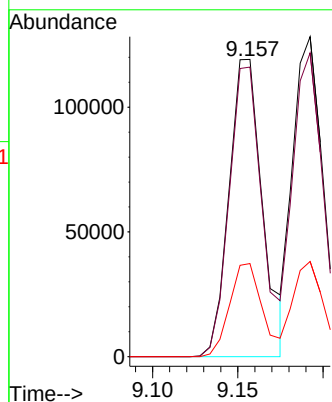
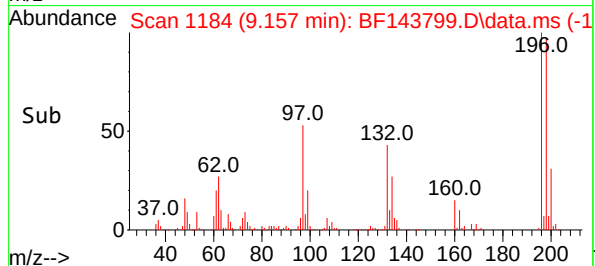
200 31.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

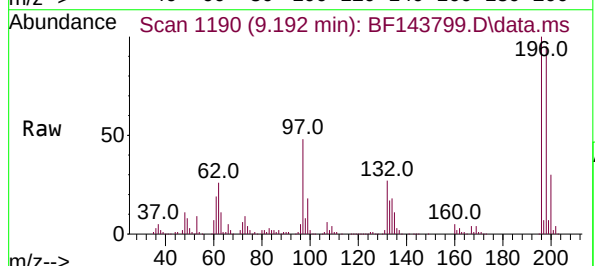
Concen: 42.310 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



Tgt Ion:196 Resp: 159783

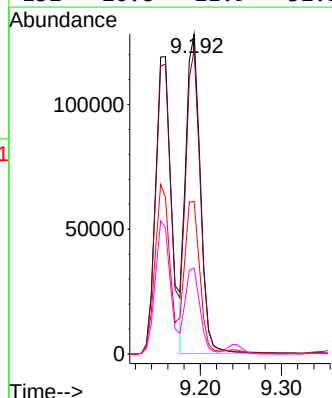
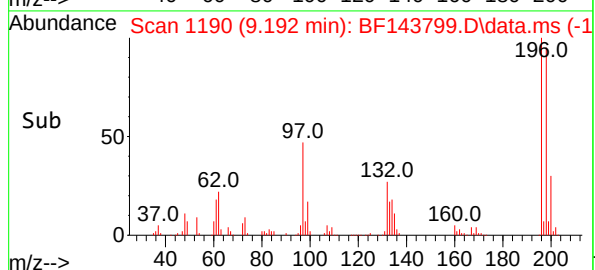
Ion Ratio Lower Upper

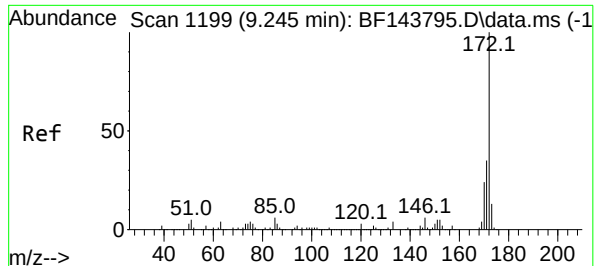
196 100

198 94.9 75.9 113.9

97 47.6 38.3 57.5

132 26.8 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 79.843 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143799.D

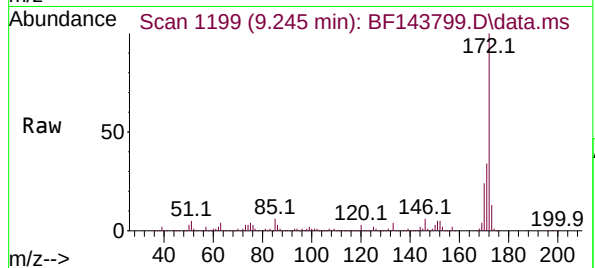
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:172 Resp: 1032314

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

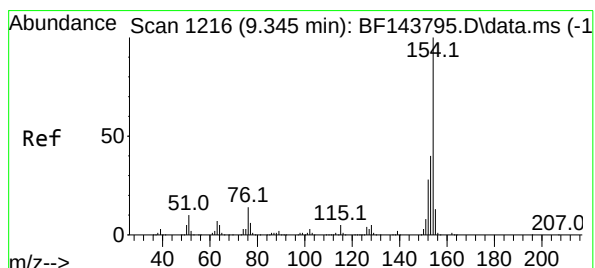
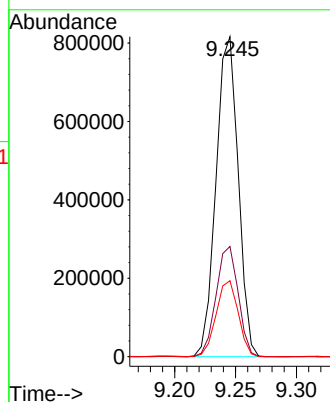
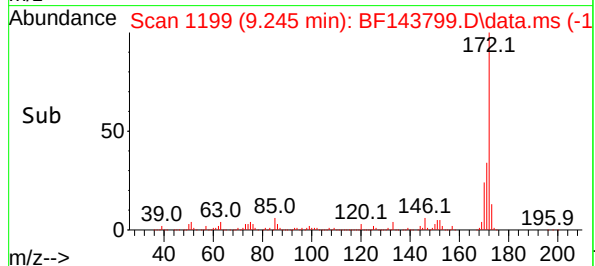
170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

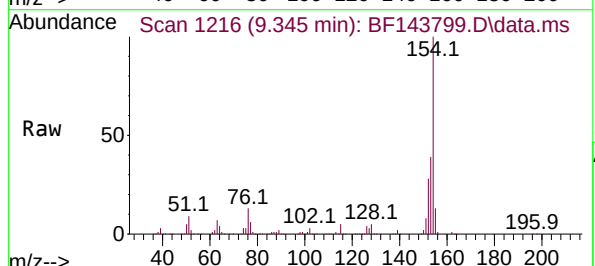
Concen: 41.254 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



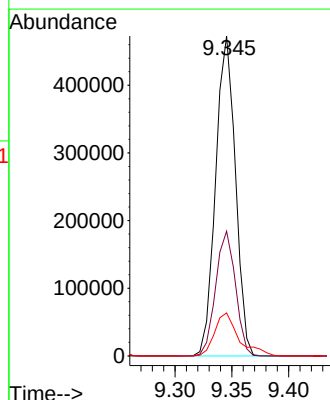
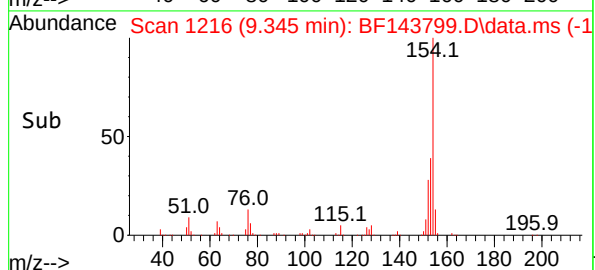
Tgt Ion:154 Resp: 570562

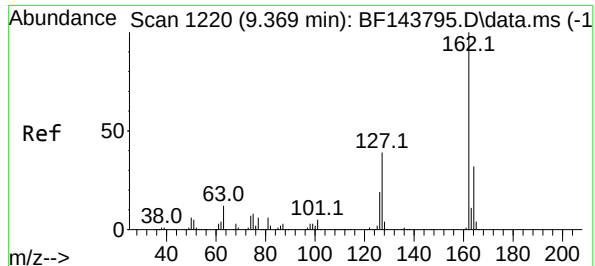
Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

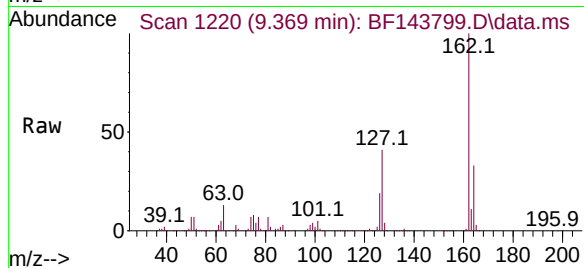
76 13.4 0.0 33.8





#47
2-Chloronaphthalene
Concen: 41.133 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

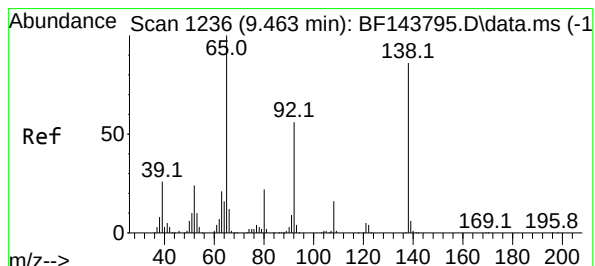
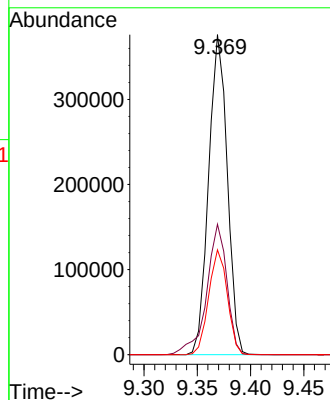
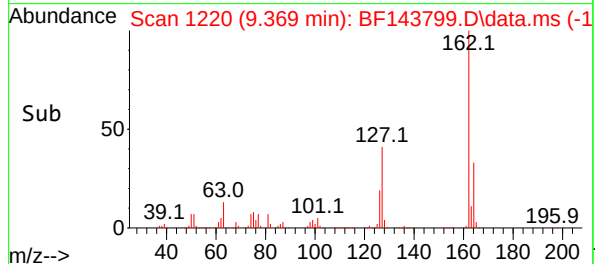
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:162 Resp: 457929
Ion Ratio Lower Upper
162 100
127 40.7 31.5 47.3
164 32.7 25.9 38.9

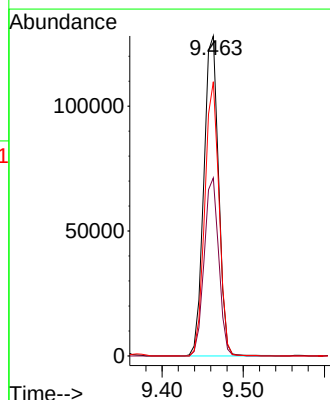
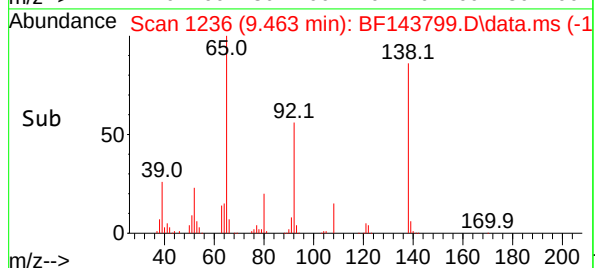
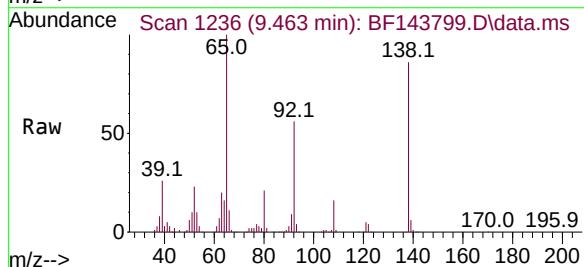
Manual Integrations
APPROVED

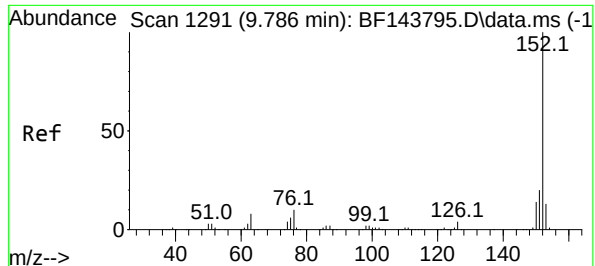
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#48
2-Nitroaniline
Concen: 48.090 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 65 Resp: 161814
Ion Ratio Lower Upper
65 100
92 55.6 44.9 67.3
138 85.7 69.0 103.4





#49

Acenaphthylene

Concen: 42.279 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143799.D

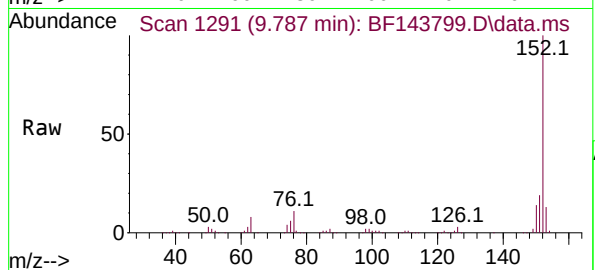
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:152 Resp: 647976

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

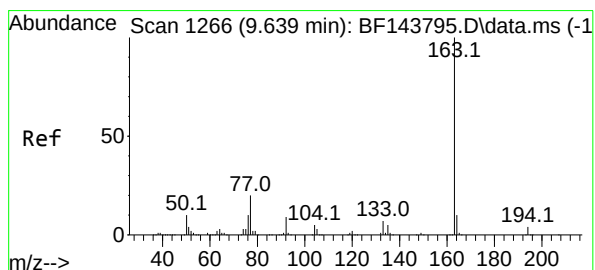
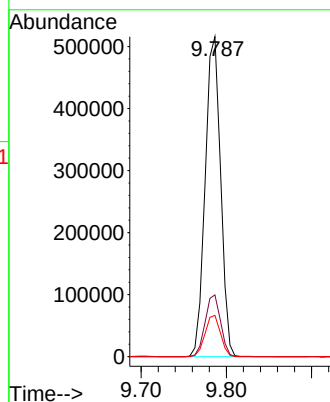
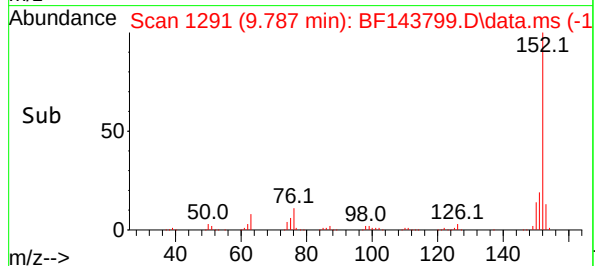
153 12.9 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

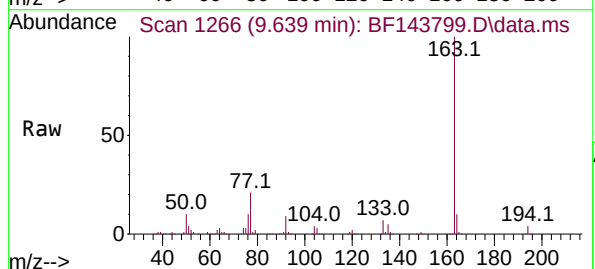
Concen: 42.624 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



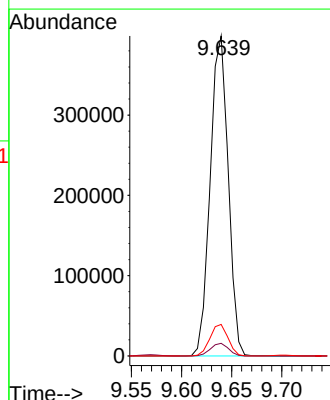
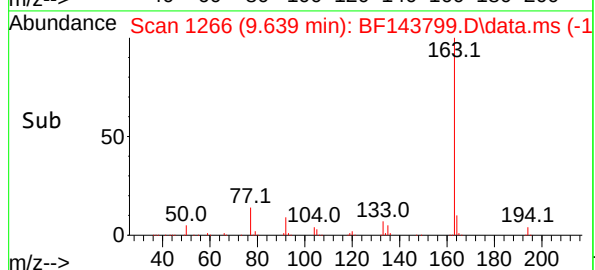
Tgt Ion:163 Resp: 496374

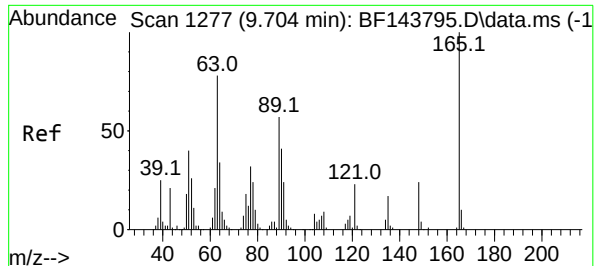
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.8 8.2 12.2





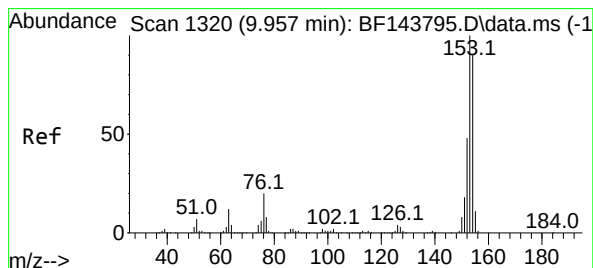
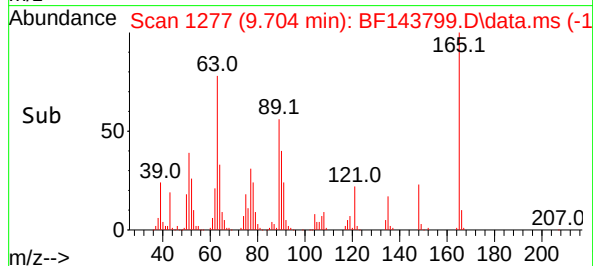
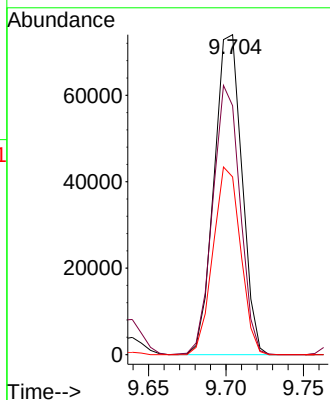
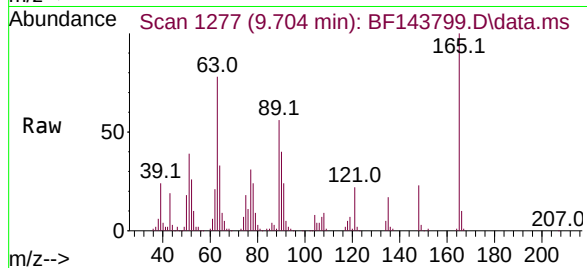
#51
2,6-Dinitrotoluene
Concen: 48.254 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Tgt Ion:165 Resp: 92326
Ion Ratio Lower Upper
165 100
63 77.8 62.6 94.0
89 55.5 45.2 67.8

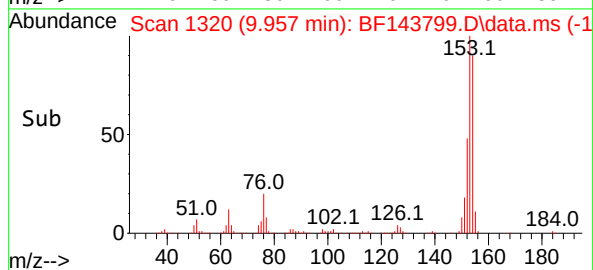
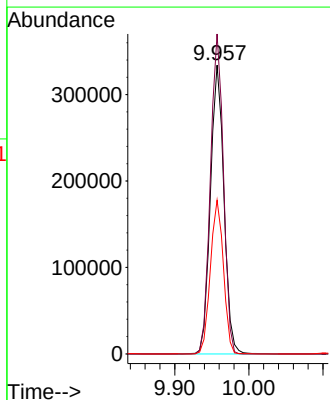
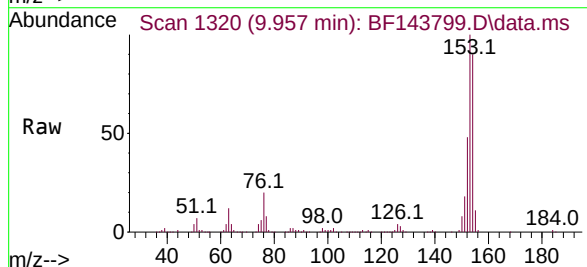
Manual Integrations
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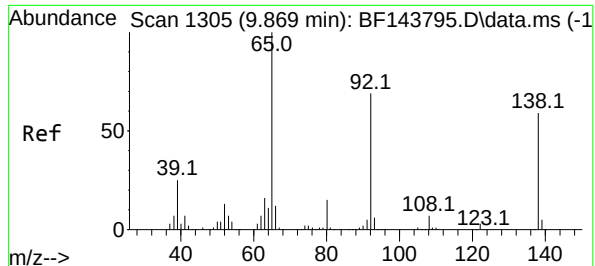
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 41.869 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 422277
Ion Ratio Lower Upper
154 100
153 110.8 88.7 133.1
152 53.2 42.7 64.1





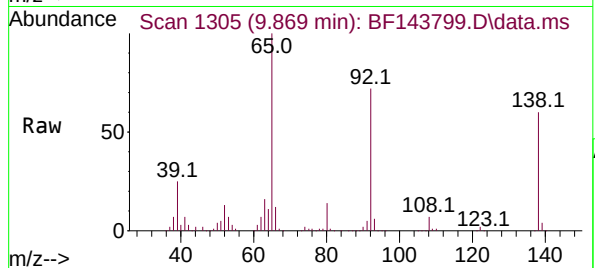
#53
3-Nitroaniline
Concen: 47.665 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

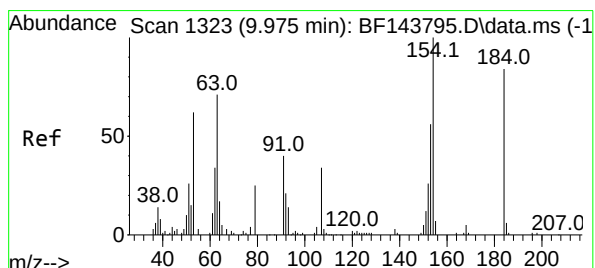
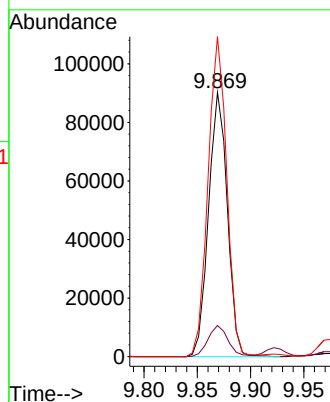
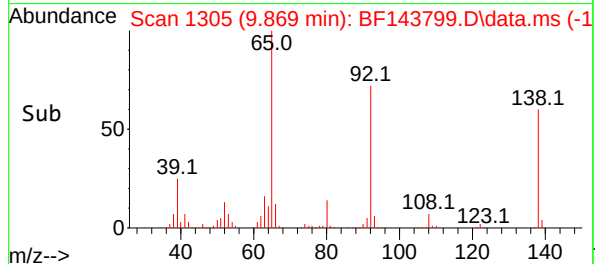


Tgt Ion:138 Resp: 110544
Ion Ratio Lower Upper
138 100
108 11.8 9.9 14.9
92 121.1 93.5 140.3

Manual Integrations

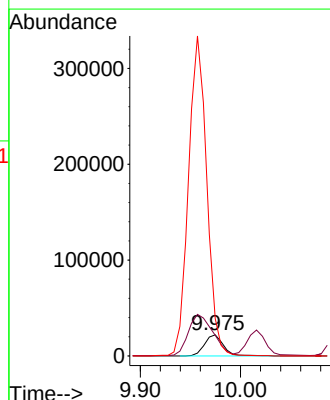
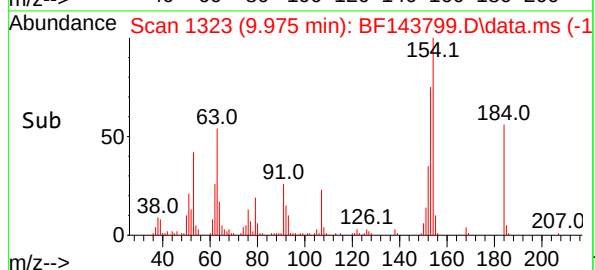
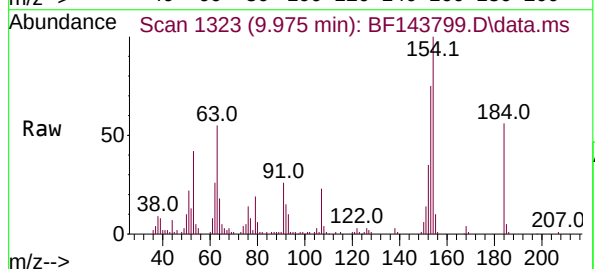
APPROVED

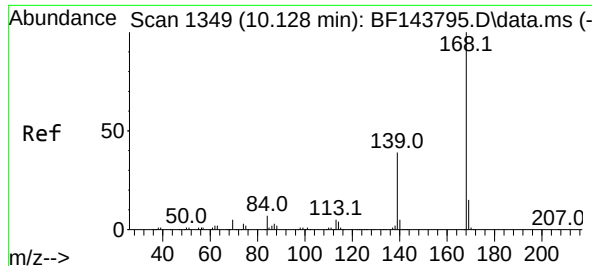
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#54
2,4-Dinitrophenol
Concen: 46.217 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

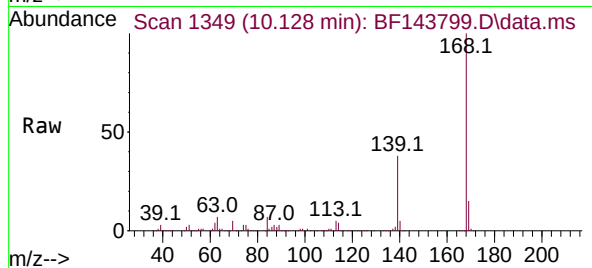
Tgt Ion:184 Resp: 28355
Ion Ratio Lower Upper
184 100
63 97.8 84.6 127.0
154 177.3 199.3 298.9#





#55
Dibenzofuran
Concen: 42.251 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

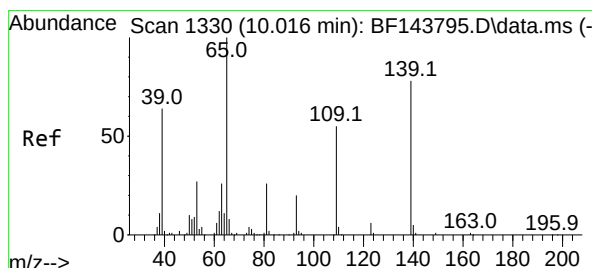
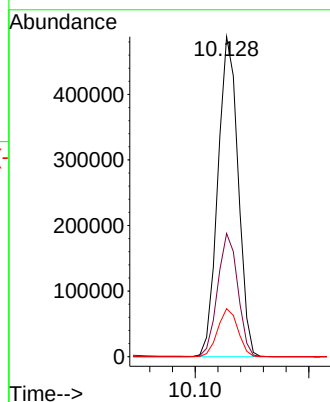
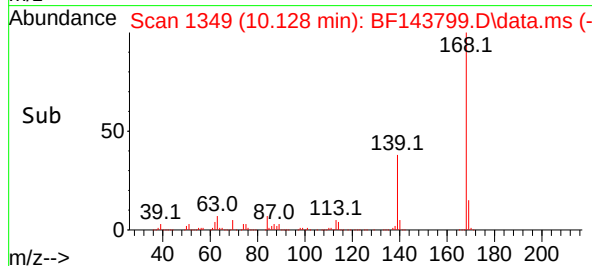
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:168 Resp: 602575
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 15.0 11.9 17.9

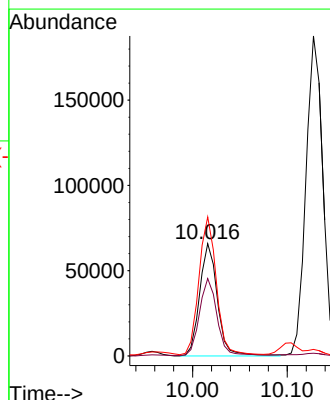
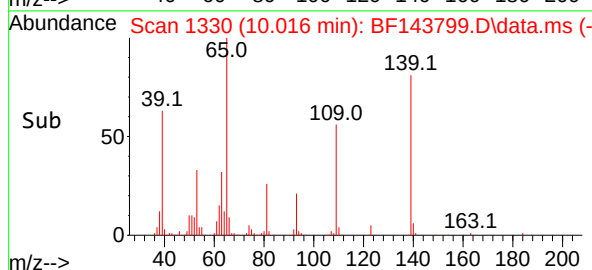
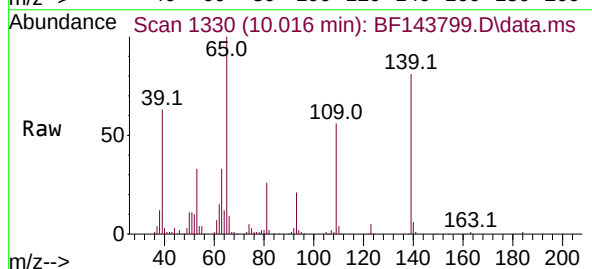
Manual Integrations
APPROVED

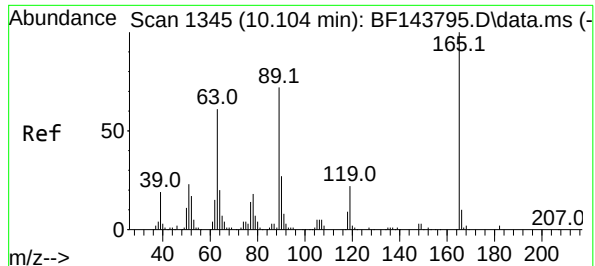
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#56
4-Nitrophenol
Concen: 45.864 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

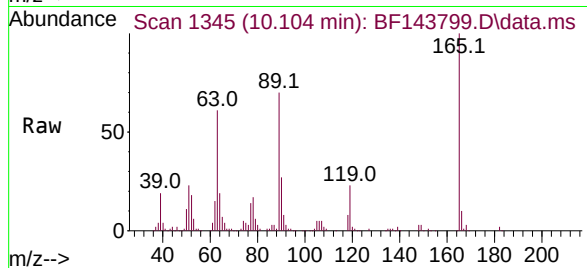
Tgt Ion:139 Resp: 85715
Ion Ratio Lower Upper
139 100
109 68.8 50.2 90.2
65 123.7 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

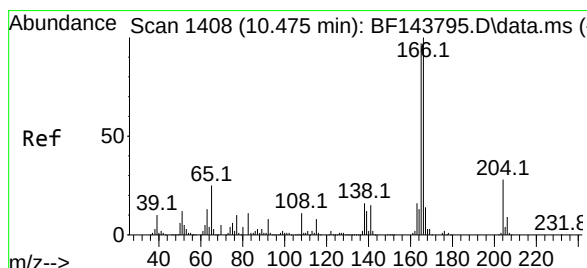
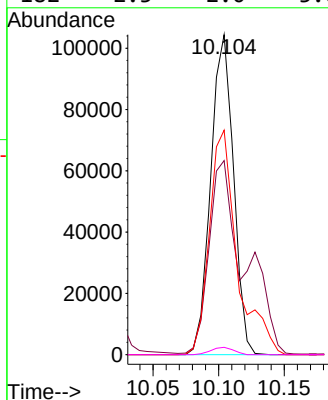
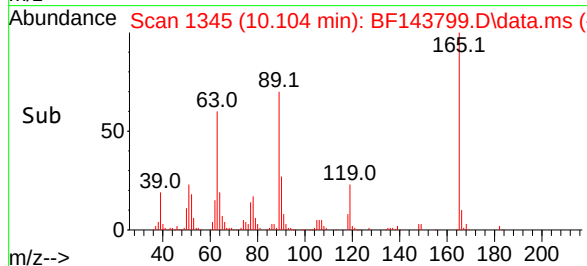
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



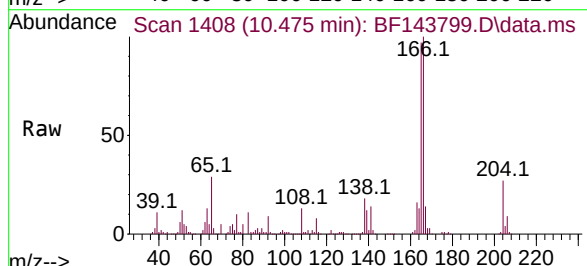
Tgt Ion:165 Resp: 126090
Ion Ratio Lower Upper
165 100
63 60.6 48.9 73.3
89 70.1 57.5 86.3
182 2.3 2.0 3.0

Manual Integrations
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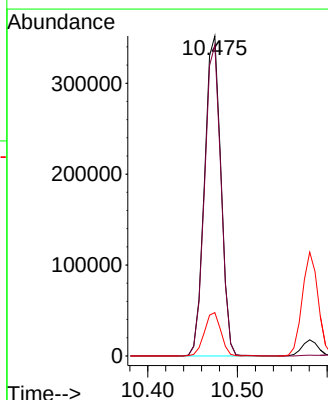
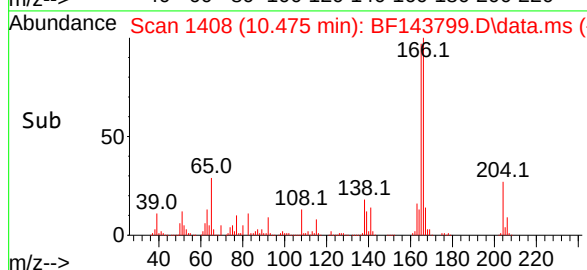
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

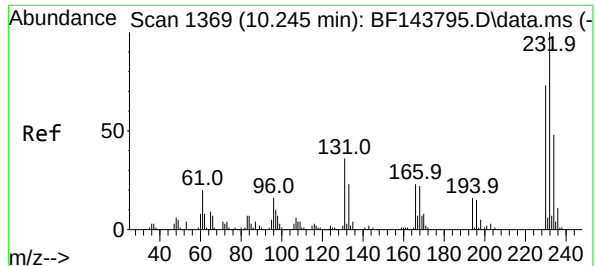


#58
Fluorene
Concen: 42.132 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



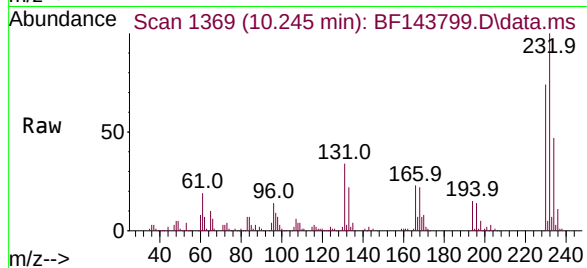
Tgt Ion:166 Resp: 446712
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.097 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

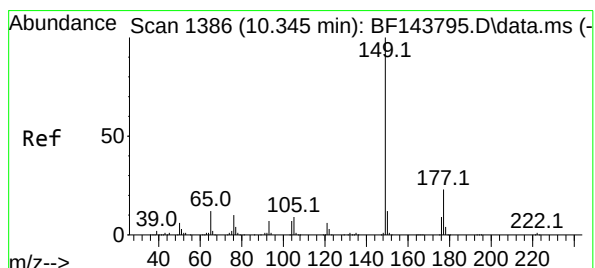
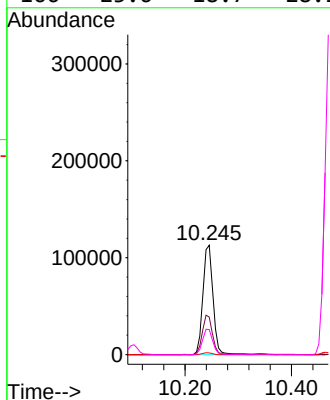
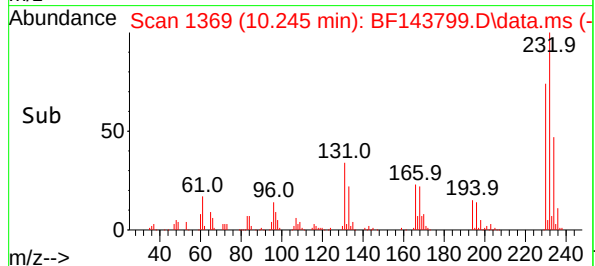
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:232 Resp: 149133
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 1.6 1.3 1.9
166 23.6 18.7 28.1

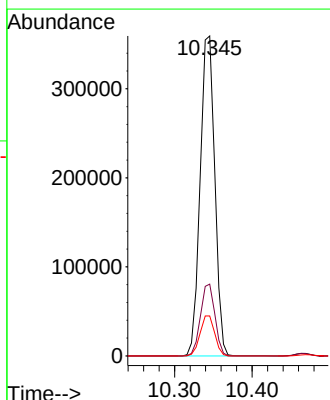
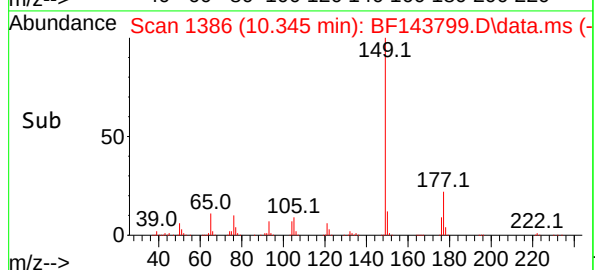
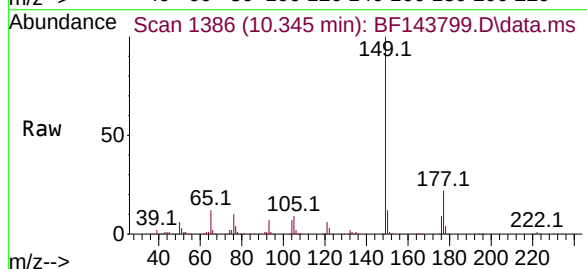
Manual Integrations
APPROVED

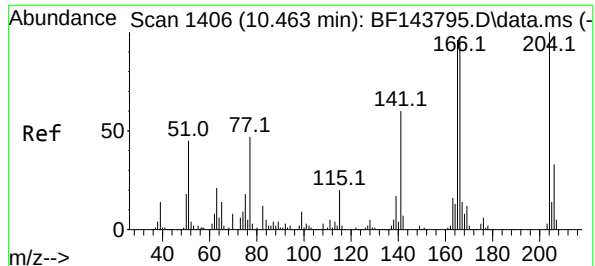
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 43.199 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

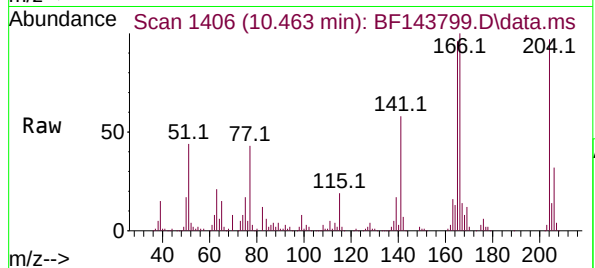
Tgt Ion:149 Resp: 470914
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.203 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

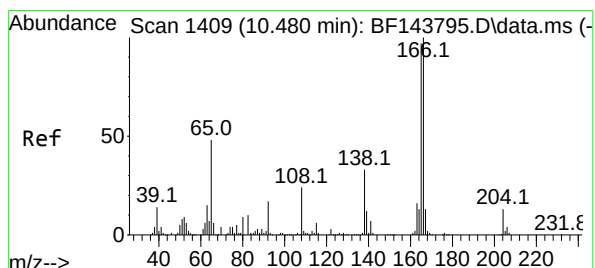
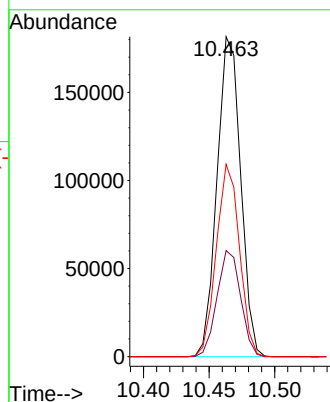
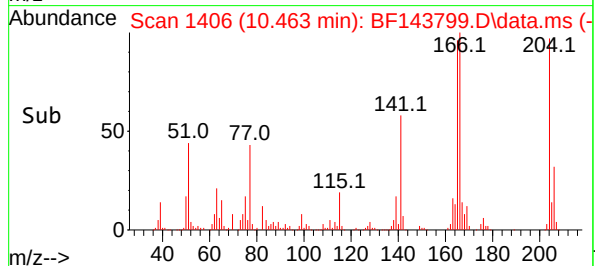
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



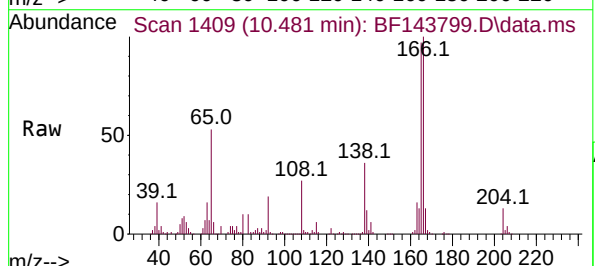
Tgt Ion:204 Resp: 227995
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 60.1 48.2 72.2

Manual Integrations
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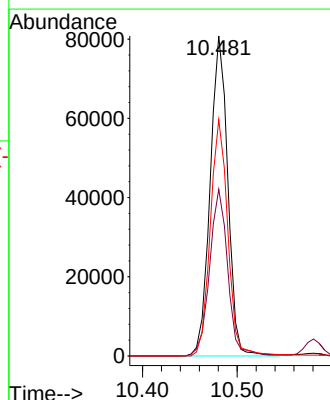
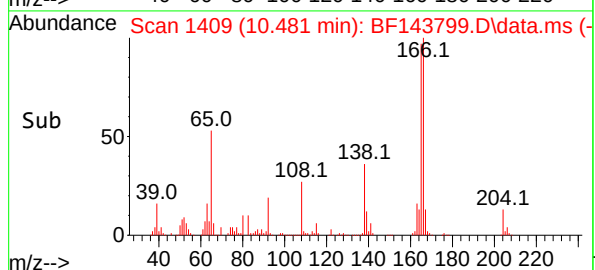
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

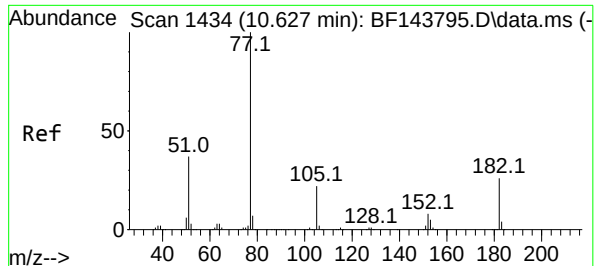


#62
4-Nitroaniline
Concen: 47.936 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



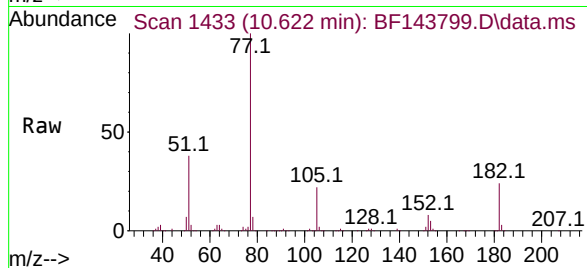
Tgt Ion:138 Resp: 104533
Ion Ratio Lower Upper
138 100
92 52.1 31.5 71.5
108 73.8 51.9 91.9





#63
Azobenzene
Concen: 42.769 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

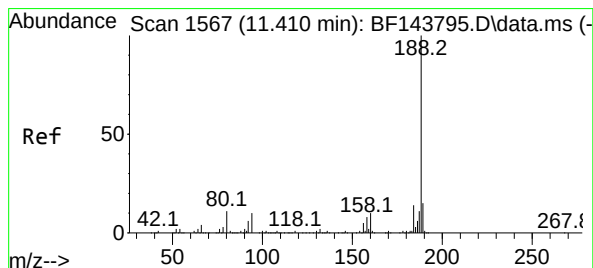
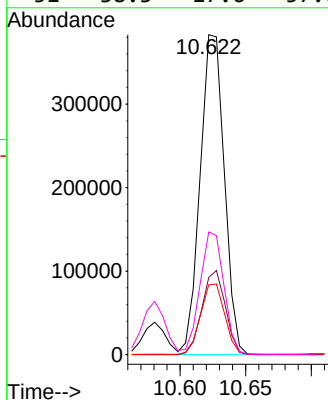
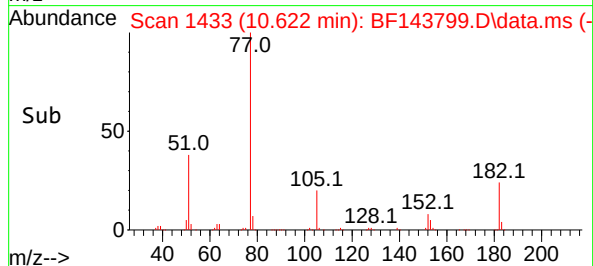
Instrument :
BNA_F
Client Sample Id :
ICVBF092325



Tgt Ion: 77 Resp: 491364
Ion Ratio Lower Upper
77 100
182 24.1 5.9 45.9
105 21.8 2.3 42.3
51 38.3 17.6 57.6

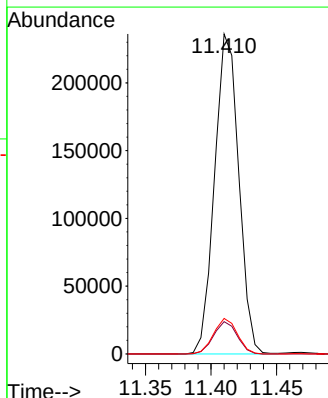
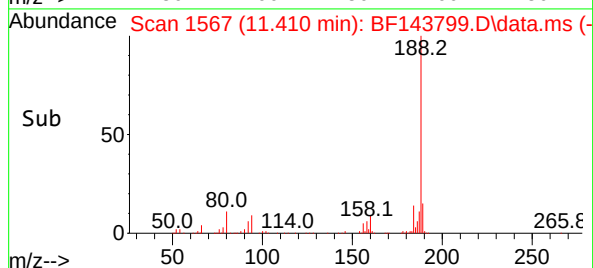
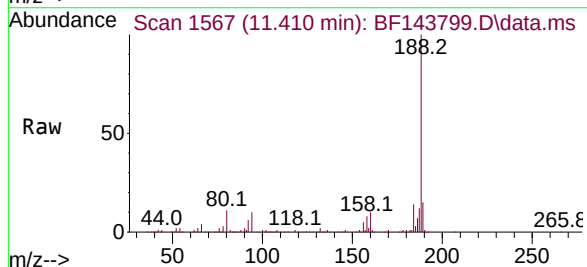
Manual Integrations
APPROVED

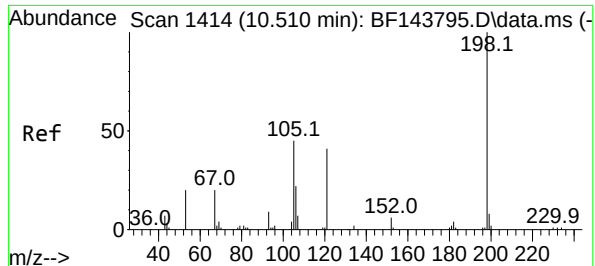
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:188 Resp: 302827
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.1 8.6 12.8





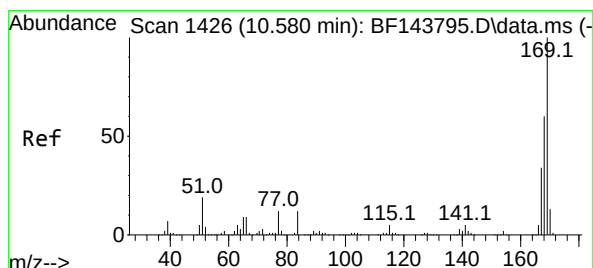
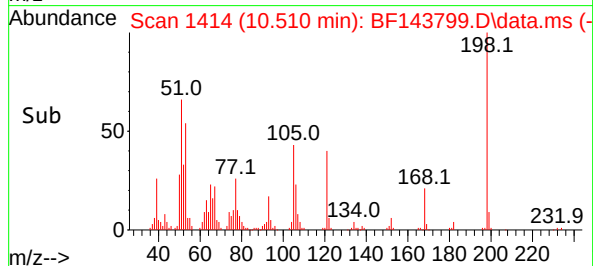
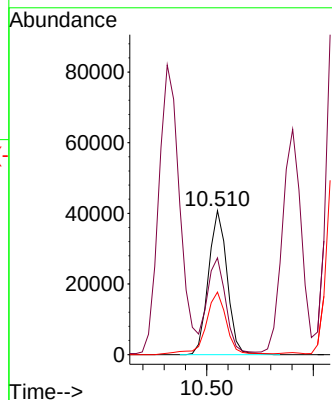
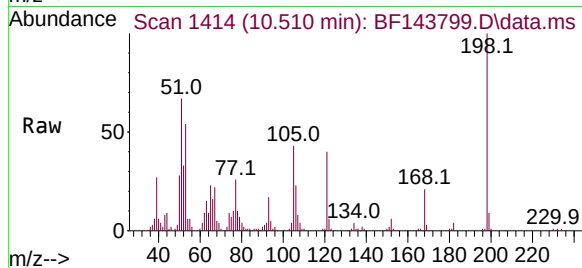
#65
4,6-Dinitro-2-methylphenol
Concen: 45.452 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Tgt Ion:198 Resp: 49519
Ion Ratio Lower Upper
198 100
51 67.2 52.0 92.0
105 43.5 27.5 67.5

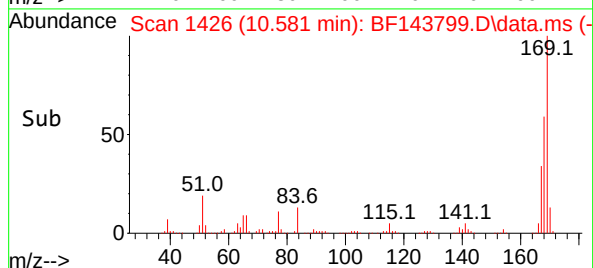
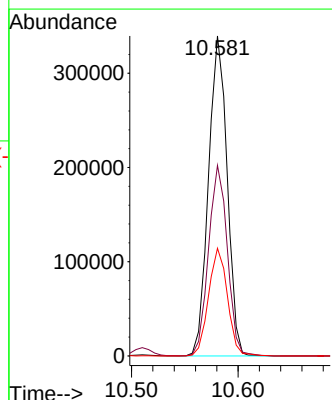
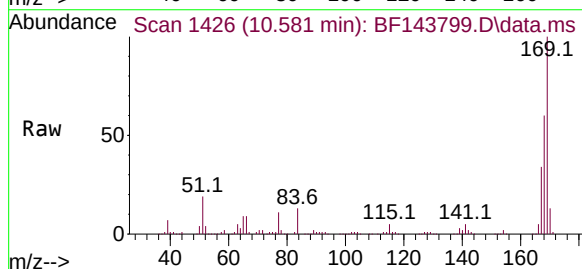
Manual Integrations
APPROVED

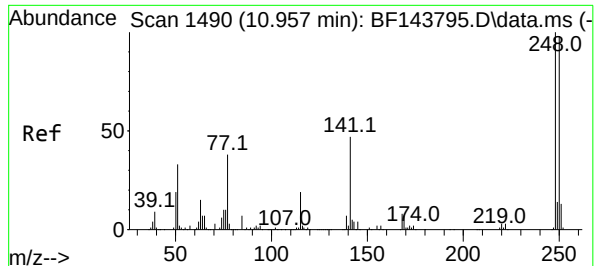
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

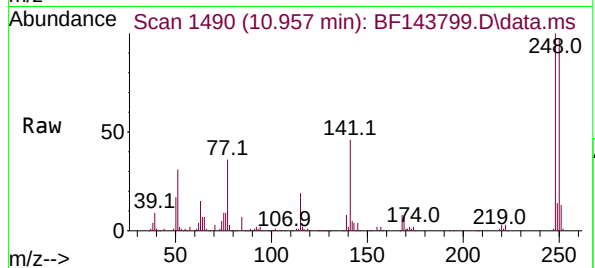
Tgt Ion:169 Resp: 413097
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 42.884 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

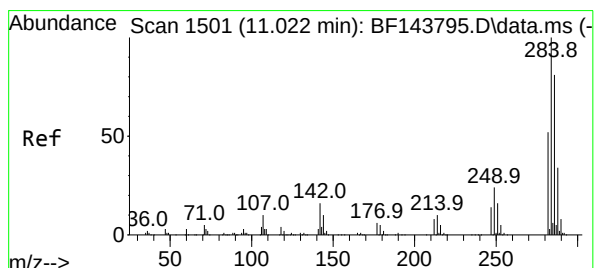
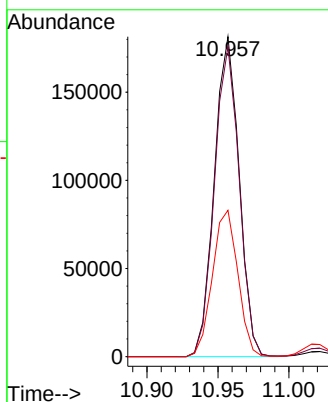
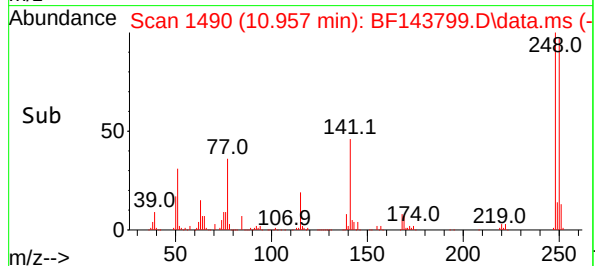
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



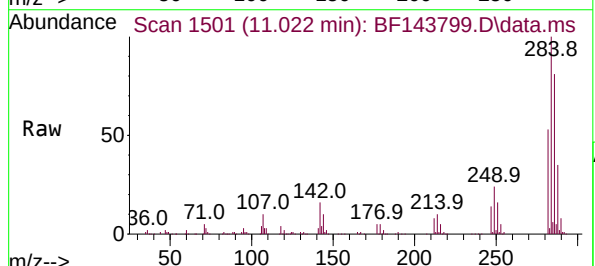
Tgt Ion:248 Resp: 221312
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 45.7 37.9 56.9

Manual Integrations
APPROVED

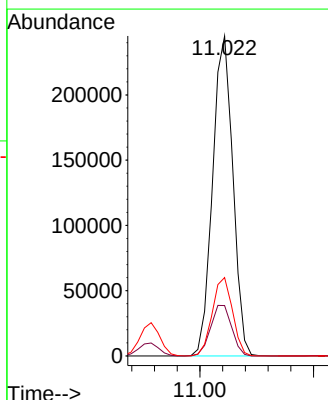
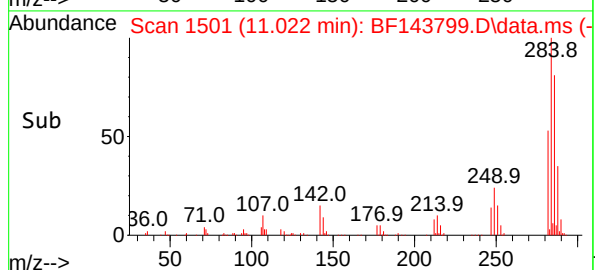
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

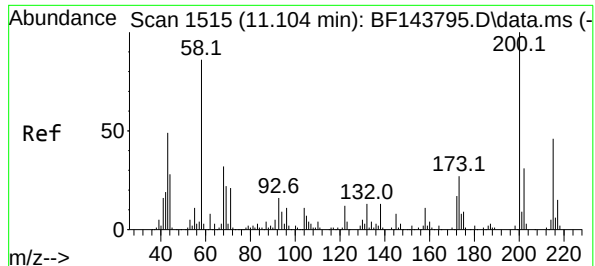


#68
Hexachlorobenzene
Concen: 42.661 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:284 Resp: 303404
Ion Ratio Lower Upper
284 100
142 15.7 13.1 19.7
249 24.5 19.5 29.3





#69

Atrazine

Concen: 45.083 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:200 Resp: 130018

Ion Ratio Lower Upper

200 100

173 27.5 7.2 47.2

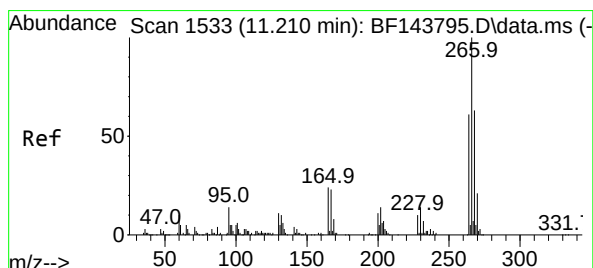
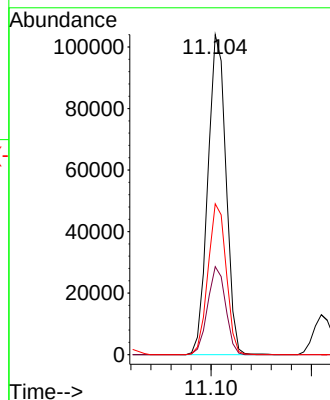
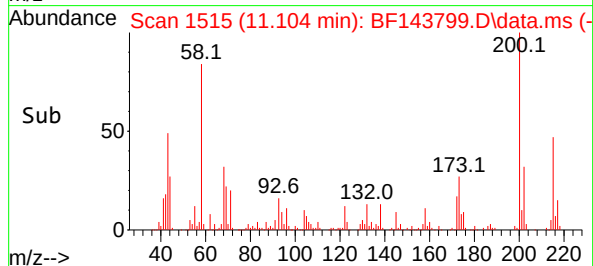
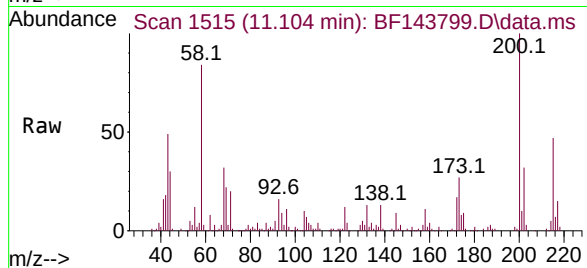
215 47.1 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 46.307 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

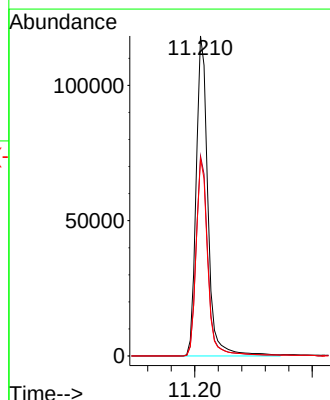
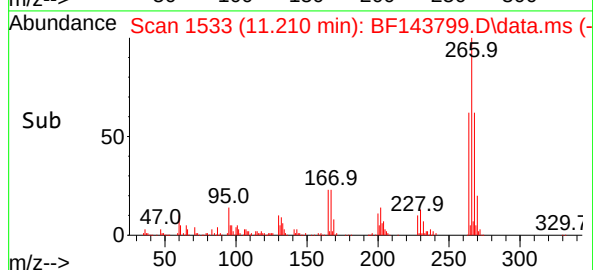
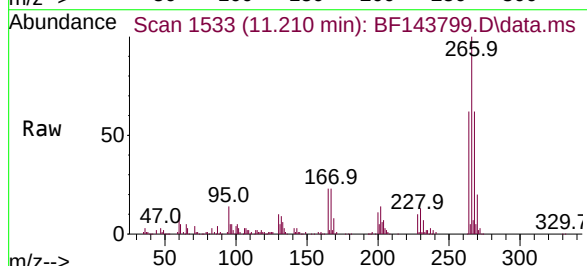
Tgt Ion:266 Resp: 163934

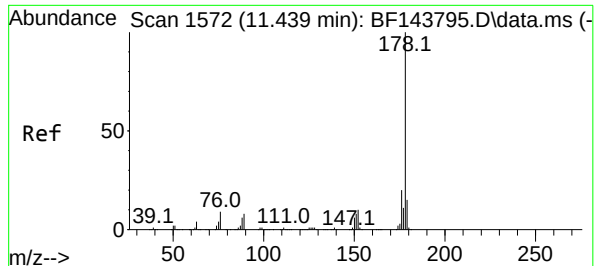
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

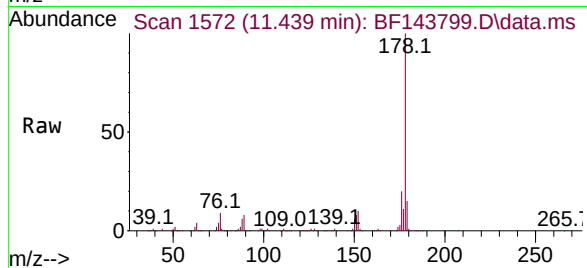
264 61.7 48.8 73.2





#71
Phenanthrene
Concen: 42.299 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

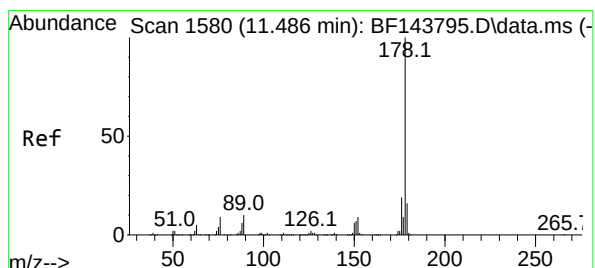
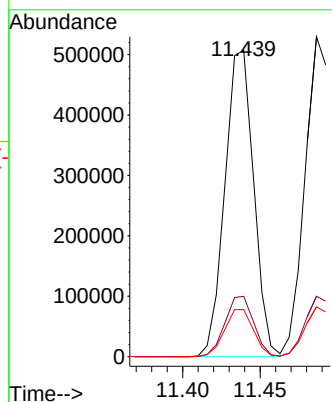
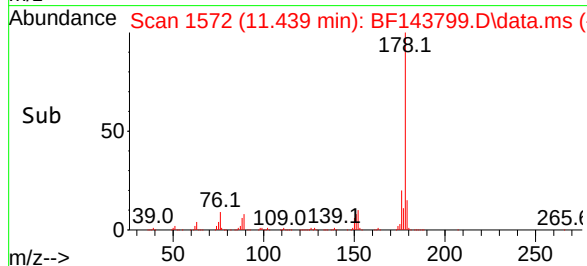
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



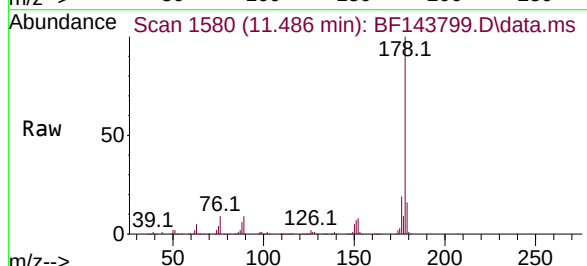
Tgt Ion:178 Resp: 657630
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.2 18.4

Manual Integrations
APPROVED

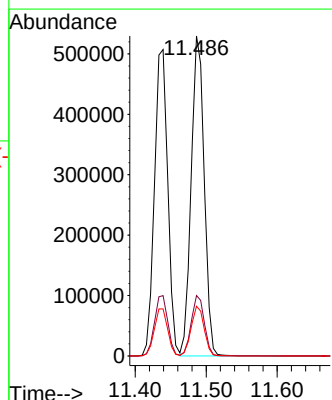
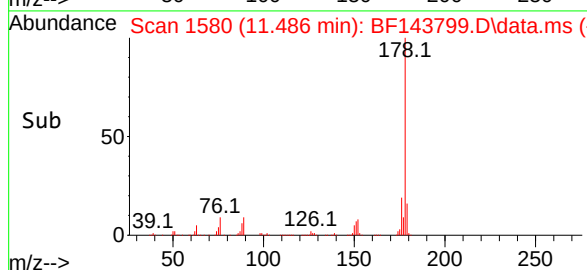
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

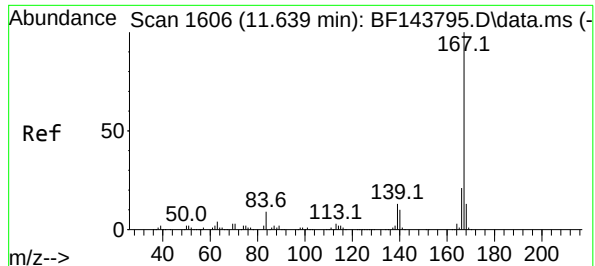


#72
Anthracene
Concen: 43.252 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



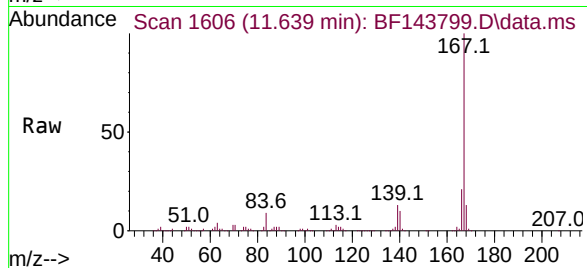
Tgt Ion:178 Resp: 674513
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.8 19.2





#73
Carbazole
Concen: 44.114 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

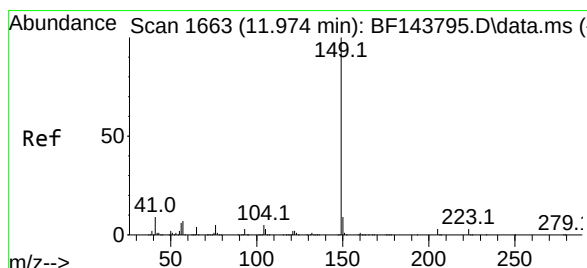
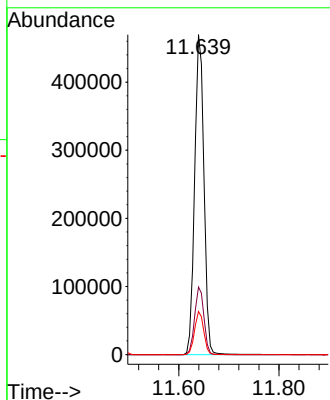
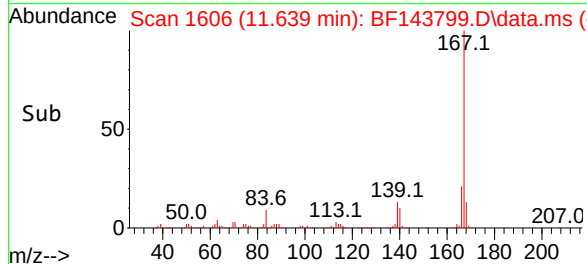
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



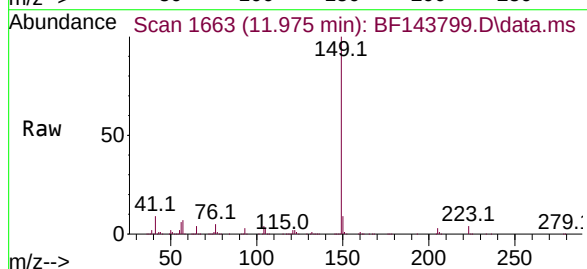
Tgt Ion:167 Resp: 601493
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 13.5 10.6 15.8

Manual Integrations
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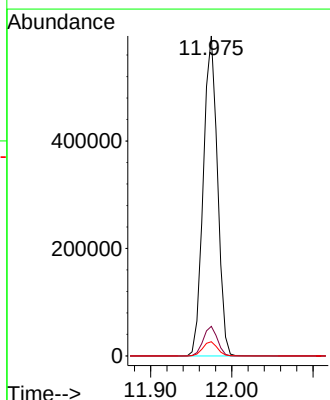
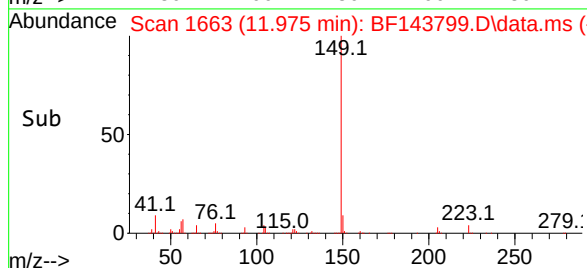
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

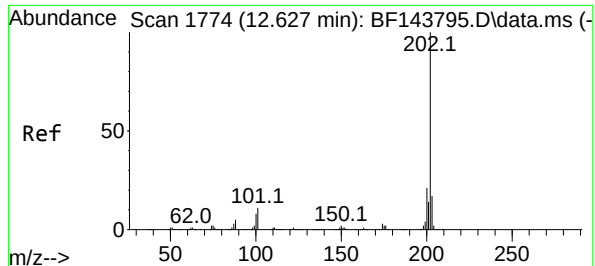


#74
Di-n-butylphthalate
Concen: 46.182 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



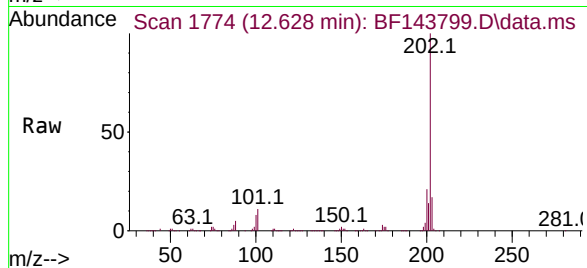
Tgt Ion:149 Resp: 724195
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 46.027 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

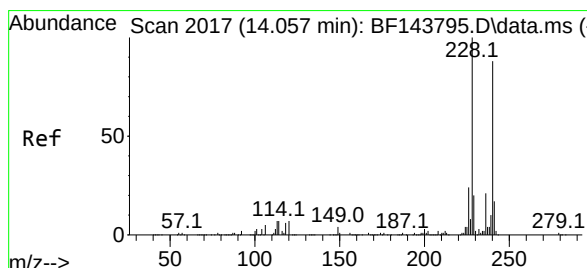
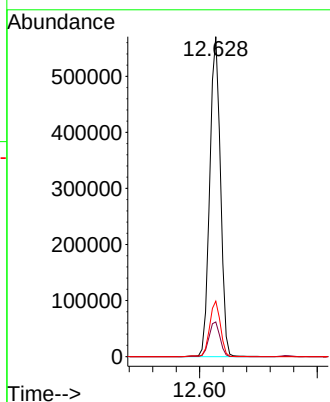
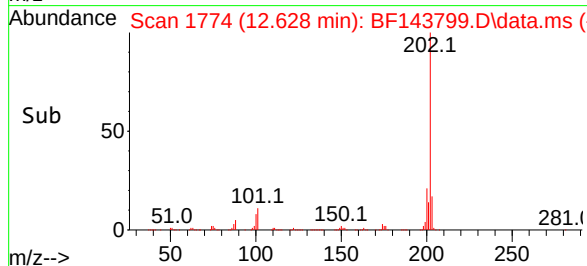
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



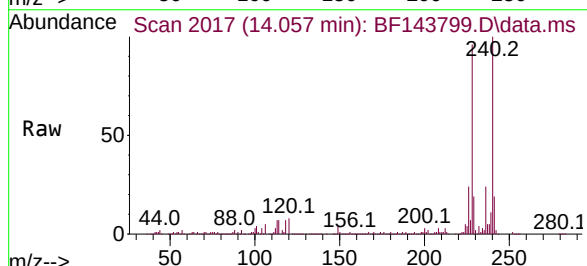
Tgt Ion:202 Resp: 719722
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.1
203 17.3 0.0 37.4

Manual Integrations
APPROVED

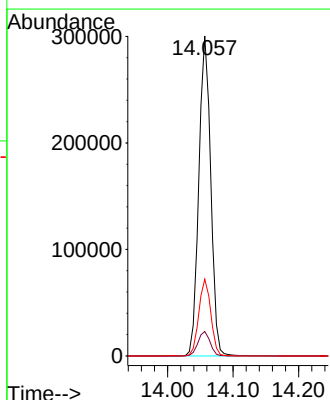
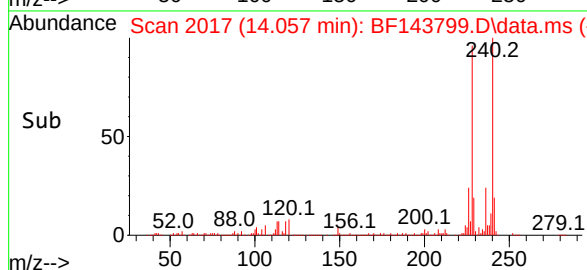
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

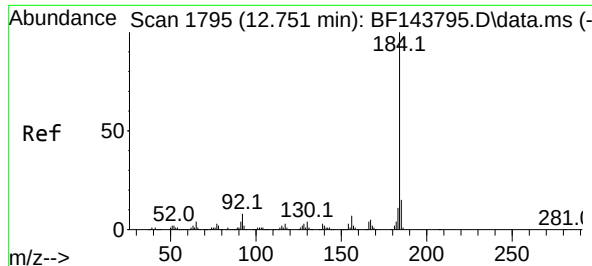


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



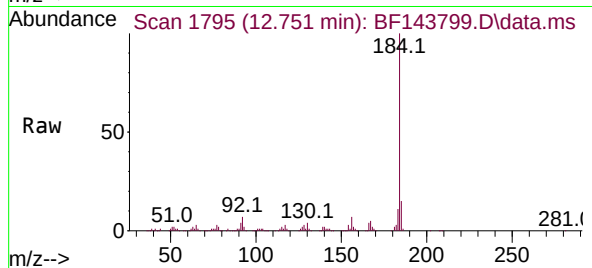
Tgt Ion:240 Resp: 375572
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.0 19.4 29.2





#77
Benzidine
Concen: 40.236 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

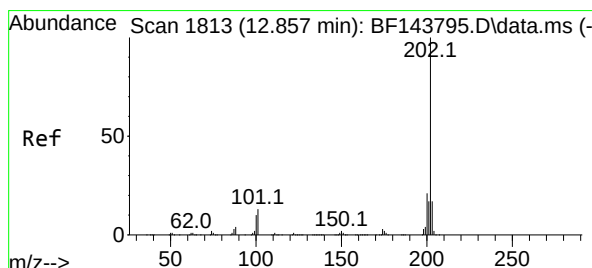
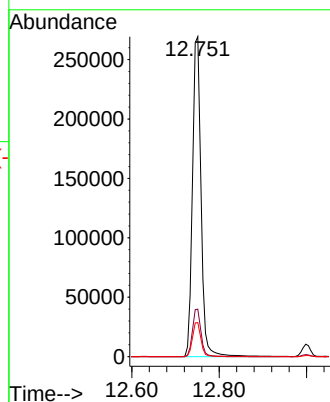
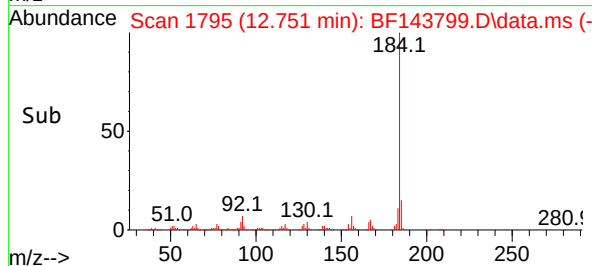
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:184 Resp: 368236
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 10.6 8.6 13.0

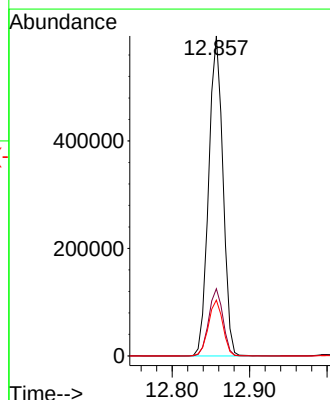
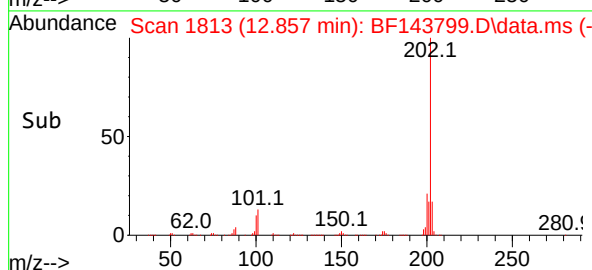
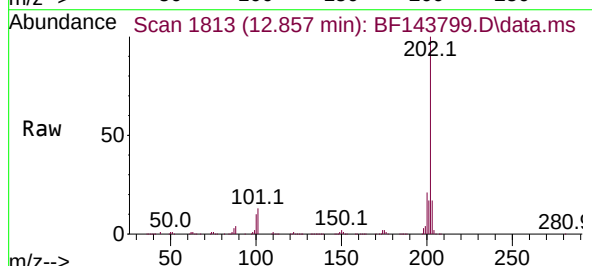
Manual Integrations
APPROVED

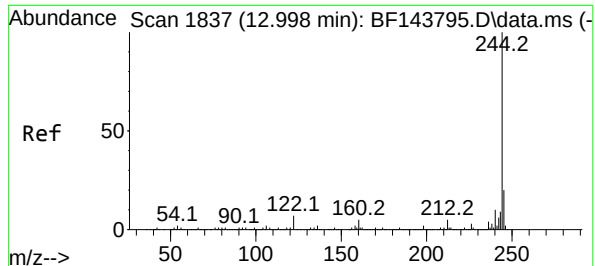
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 41.117 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

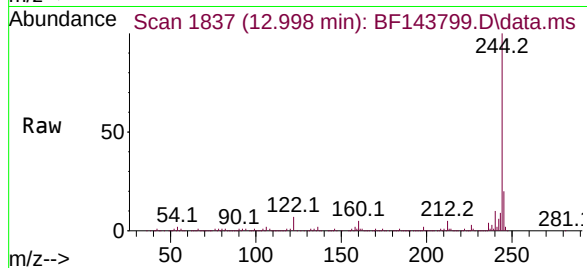
Tgt Ion:202 Resp: 759210
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.4 13.9 20.9





#79
Terphenyl-d14
Concen: 80.752 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

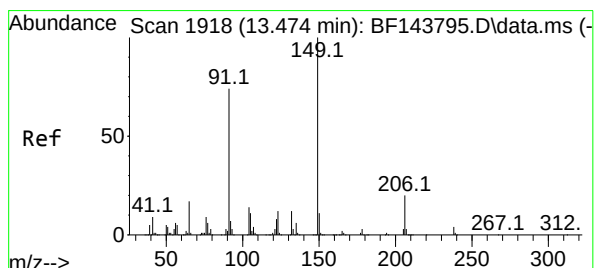
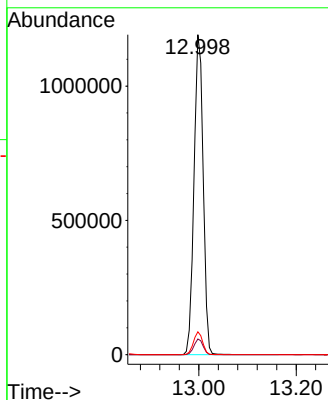
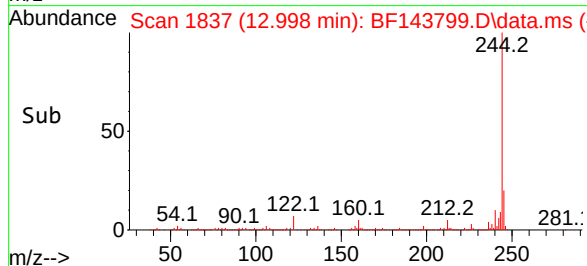
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:244 Resp: 1544756
Ion Ratio Lower Upper
244 100
212 4.9 3.9 5.9
122 7.1 5.6 8.4

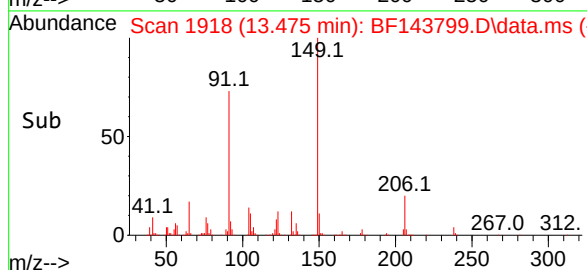
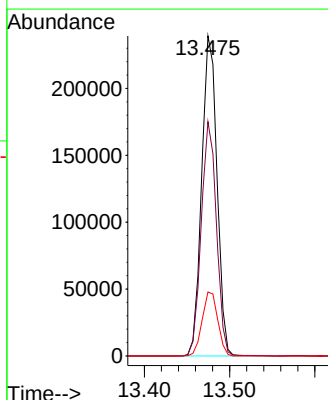
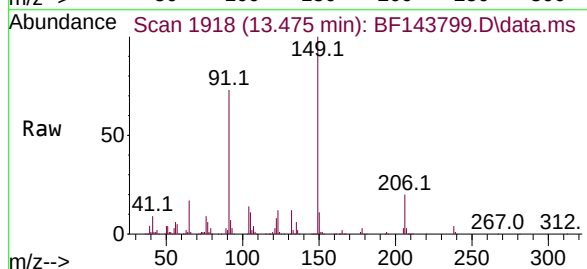
Manual Integrations
APPROVED

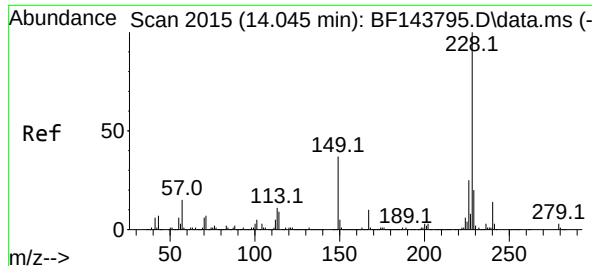
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#80
Butylbenzylphthalate
Concen: 46.674 ng
RT: 13.475 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

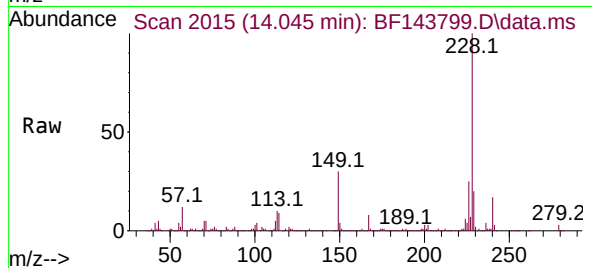
Tgt Ion:149 Resp: 298166
Ion Ratio Lower Upper
149 100
91 73.2 59.5 89.3
206 20.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 41.296 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

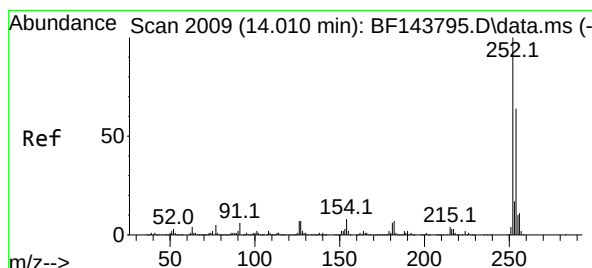
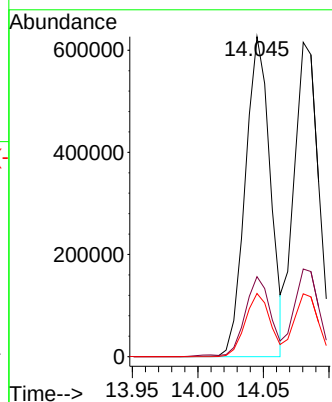
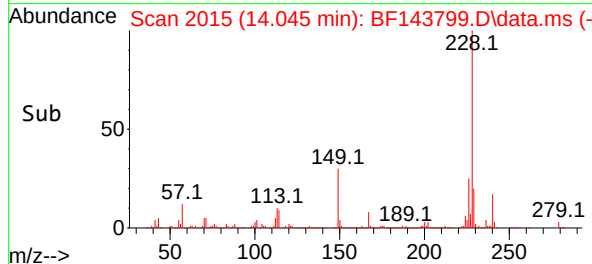
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



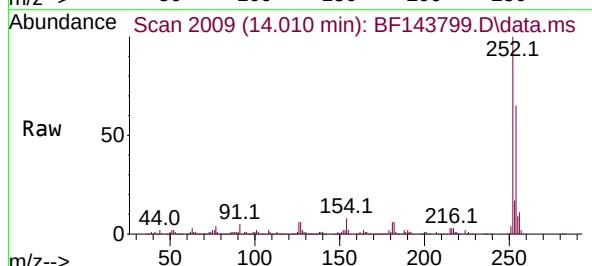
Tgt Ion:228 Resp: 833201
Ion Ratio Lower Upper
228 100
226 25.0 20.2 30.2
229 19.7 16.1 24.1

Manual Integrations
APPROVED

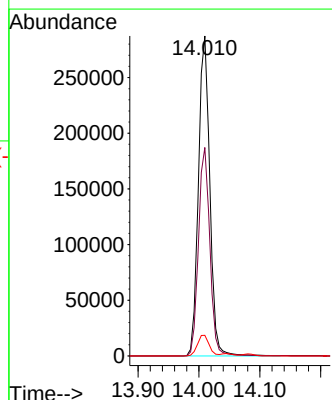
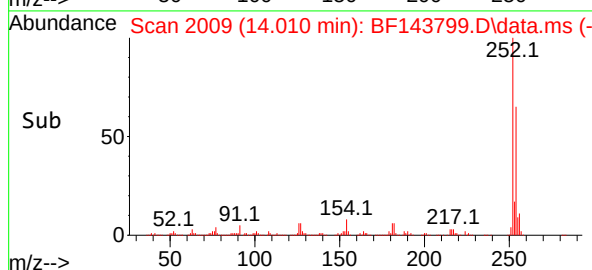
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

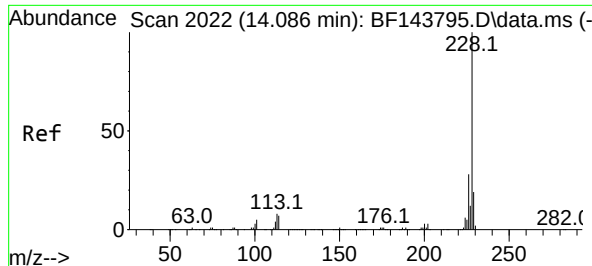


#82
3,3'-Dichlorobenzidine
Concen: 42.723 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



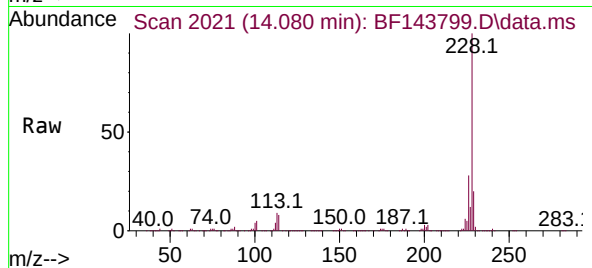
Tgt Ion:252 Resp: 373433
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 6.4 5.4 8.2





#83
Chrysene
Concen: 43.791 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

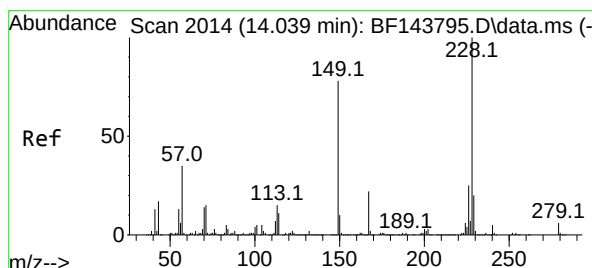
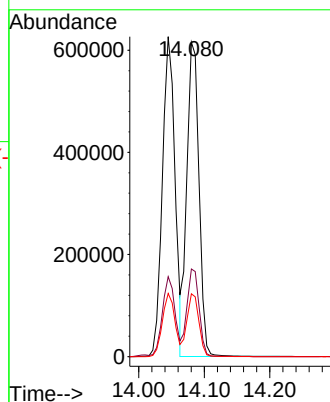
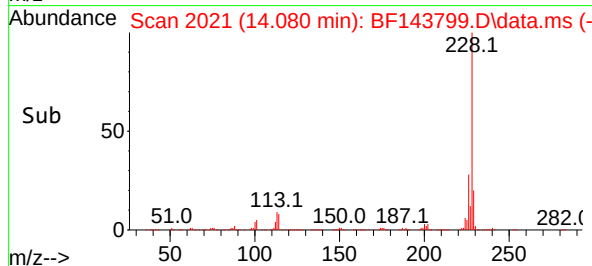
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



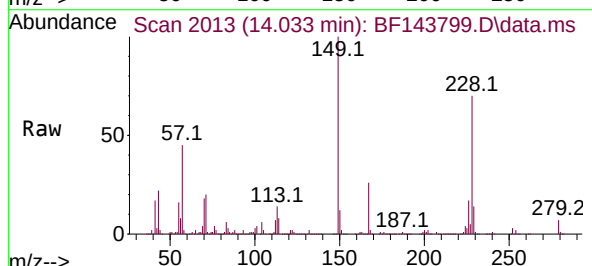
Tgt Ion:228 Resp: 799482
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.0 15.6 23.4

Manual Integrations
APPROVED

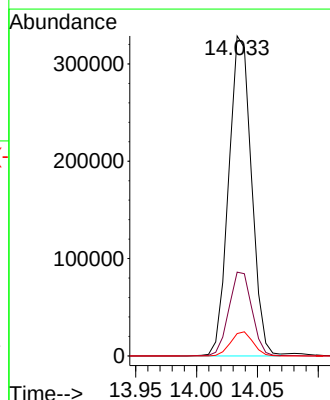
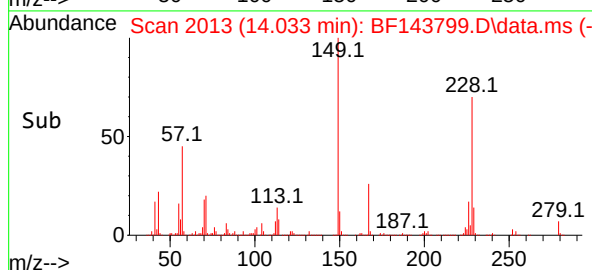
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

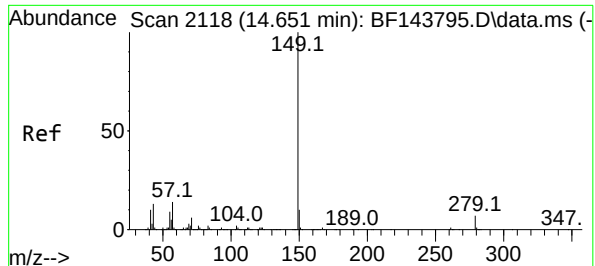


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.704 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



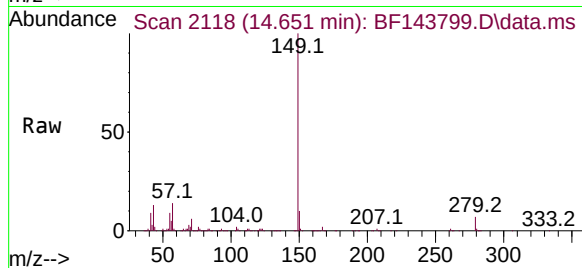
Tgt Ion:149 Resp: 427966
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.2
279 7.0 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 44.512 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

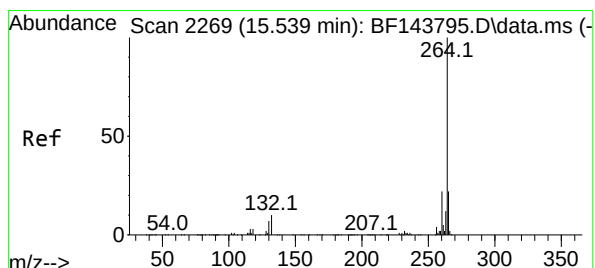
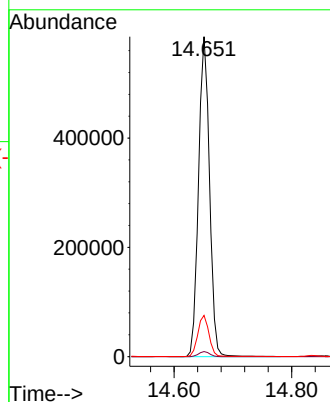
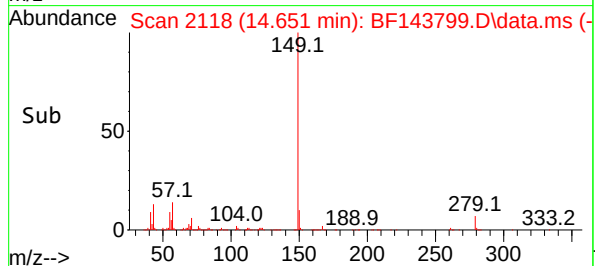
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:149 Resp: 756048
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 10.7 16.1

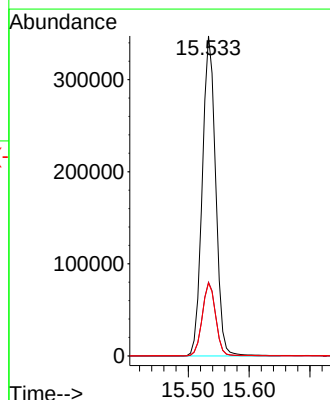
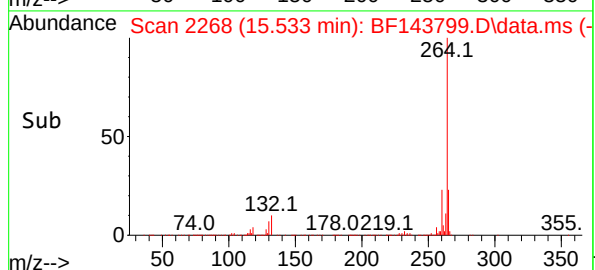
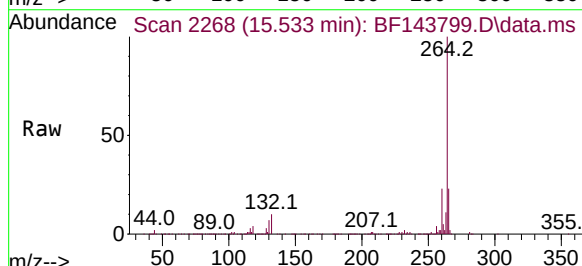
Manual Integrations
APPROVED

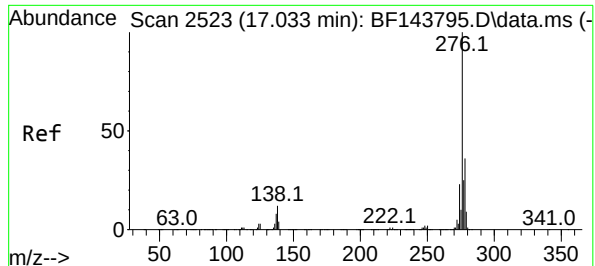
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

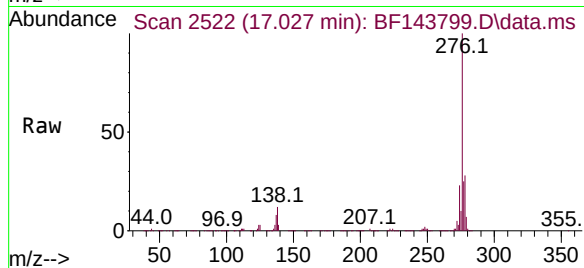
Tgt Ion:264 Resp: 528363
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.8 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.111 ng
RT: 17.027 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

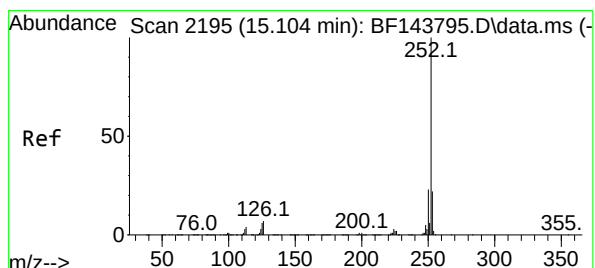
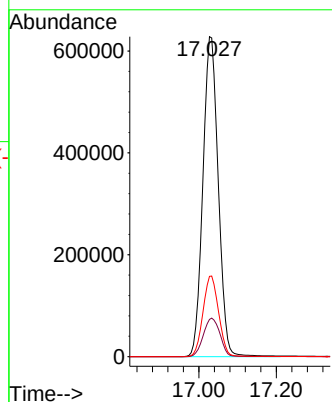
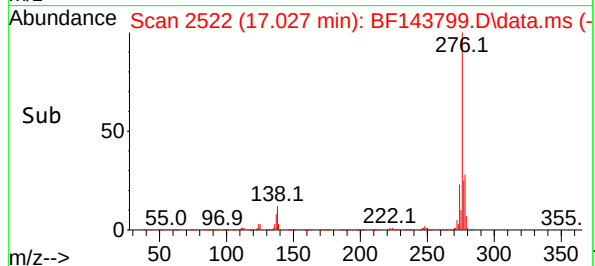
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:276 Resp: 172826
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 25.6 20.7 31.1

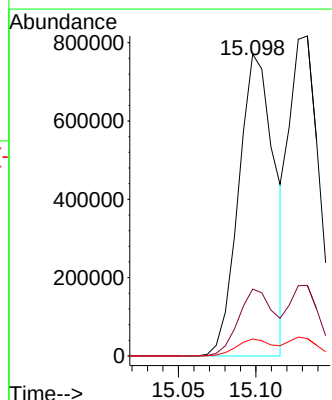
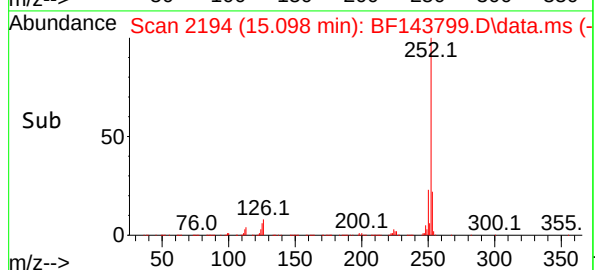
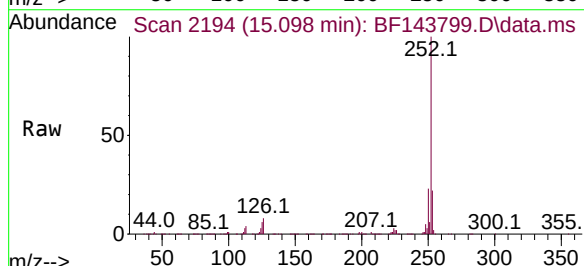
Manual Integrations
APPROVED

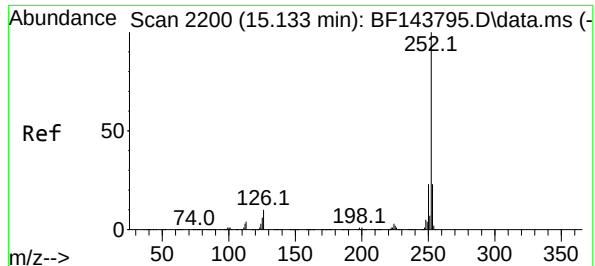
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:252 Resp: 1234859
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 40.882 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:252 Resp: 1105146

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

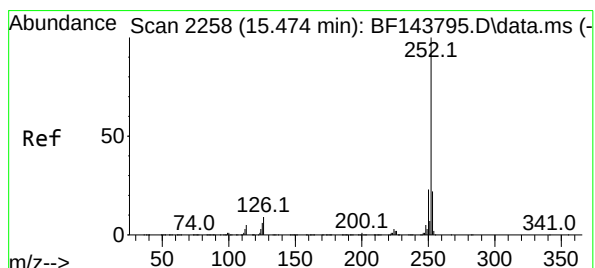
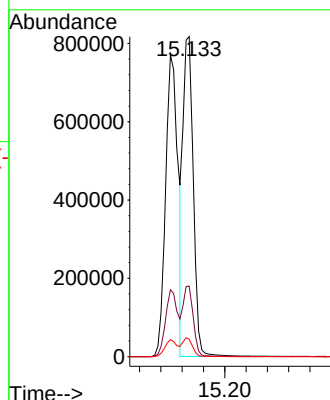
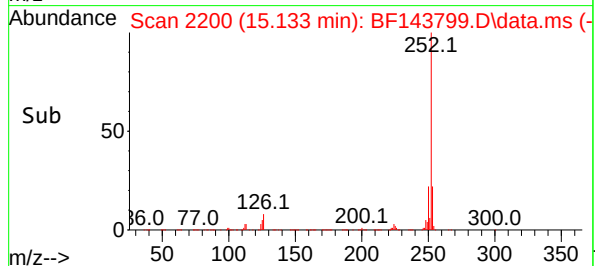
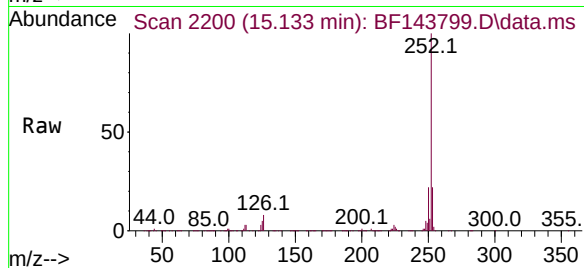
125 5.4 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 43.246 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

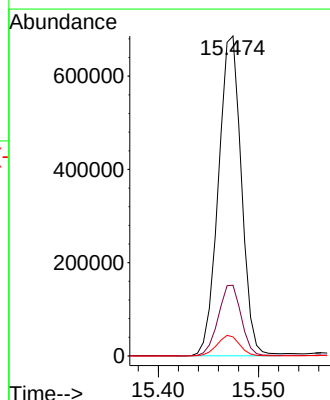
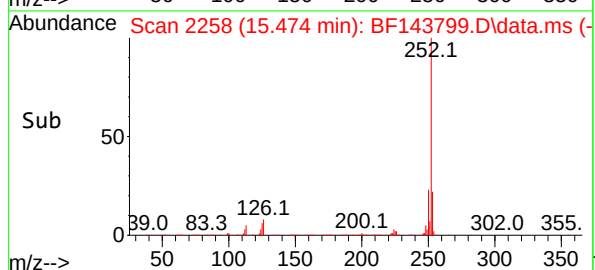
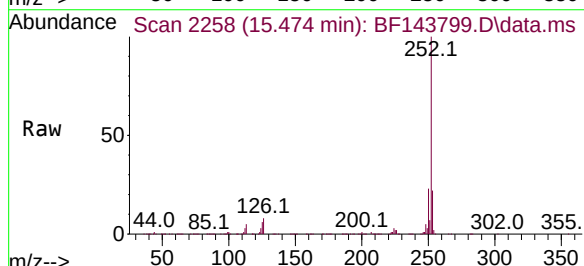
Tgt Ion:252 Resp: 1093771

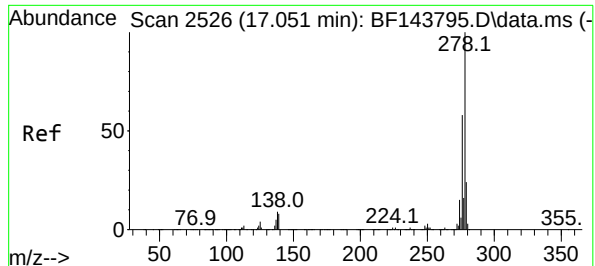
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

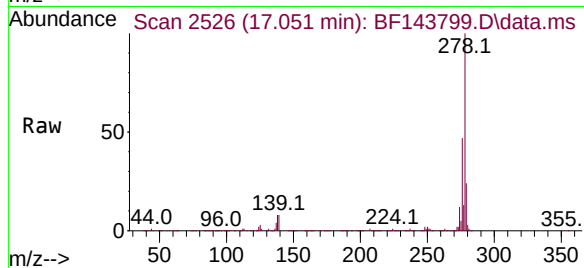
125 6.0 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 43.395 ng
RT: 17.051 min Scan# 2511
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

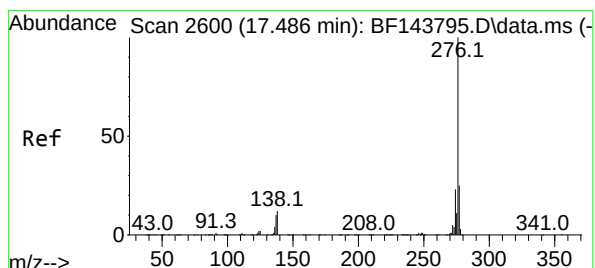
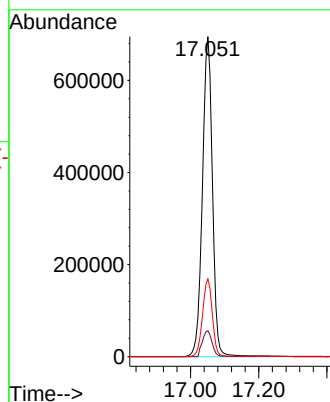
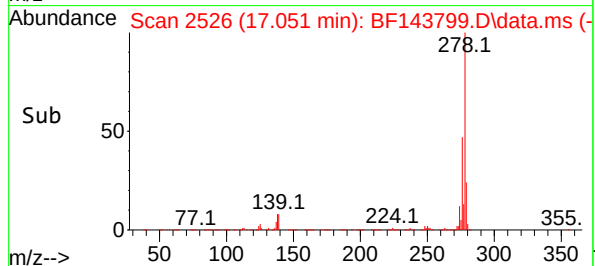
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:278 Resp: 142288
Ion Ratio Lower Upper
278 100
139 8.1 6.7 10.1
279 24.3 19.3 28.9

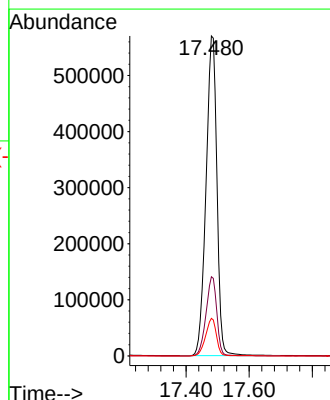
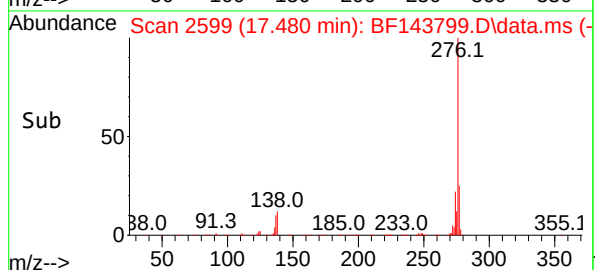
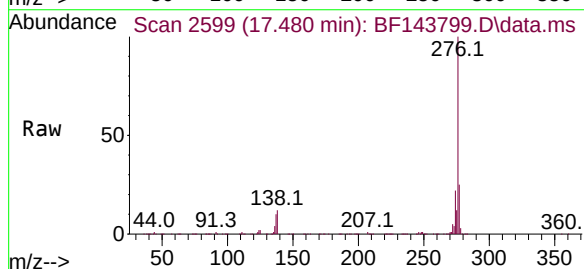
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 43.247 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:276 Resp: 1366956
Ion Ratio Lower Upper
276 100
277 24.7 19.6 29.4
138 11.7 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 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	96	0.00
2	1,4-Dioxane	0.589	0.643	-9.2	97	0.00
3	Pyridine	1.590	1.711	-7.6	96	0.00
4	n-Nitrosodimethylamine	0.797	0.846	-6.1	96	-0.02
5 S	2-Fluorophenol	1.231	1.345	-9.3	98	0.00
6	Aniline	2.064	2.147	-4.0	96	0.00
7 S	Phenol-d6	1.422	1.500	-5.5	95	0.00
8	2-Chlorophenol	1.260	1.338	-6.2	97	0.00
9	Benzaldehyde	1.246	1.453	-16.6	95	0.00
10 C	Phenol	1.653	1.734	-4.9	96	-0.01
11	bis(2-Chloroethyl)ether	1.296	1.357	-4.7	96	0.00
12	1,3-Dichlorobenzene	1.463	1.546	-5.7	97	0.00
13 C	1,4-Dichlorobenzene	1.460	1.528	-4.7	96	0.00
14	1,2-Dichlorobenzene	1.383	1.443	-4.3	96	0.00
15	Benzyl Alcohol	1.028	1.093	-6.3	97	0.00
16	2,2'-oxybis(1-Chloropropane	3.073	3.217	-4.7	96	0.00
17	2-Methylphenol	0.976	1.032	-5.7	97	0.00
18	Hexachloroethane	0.514	0.550	-7.0	98	0.00
19 P	n-Nitroso-di-n-propylamine	0.915	0.910	0.5	96	-0.01
20	3+4-Methylphenols	1.188	1.296	-9.1	98	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22	Acetophenone	0.439	0.456	-3.9	95	0.00
23 S	Nitrobenzene-d5	0.327	0.361	-10.4	98	0.00
24	Nitrobenzene	0.362	0.395	-9.1	98	-0.01
25	Isophorone	0.637	0.665	-4.4	95	0.00
26 C	2-Nitrophenol	0.132	0.163	-23.5#	106	0.00
27	2,4-Dimethylphenol	0.285	0.304	-6.7	96	0.00
28	bis(2-Chloroethoxy)methane	0.414	0.429	-3.6	94	0.00
29 C	2,4-Dichlorophenol	0.280	0.300	-7.1	97	0.00
30	1,2,4-Trichlorobenzene	0.291	0.308	-5.8	96	0.00
31	Naphthalene	0.957	1.006	-5.1	96	0.00
32	Benzoic acid	0.137	0.151	-10.2	103	-0.03
33	4-Chloroaniline	0.336	0.353	-5.1	96	0.00
34 C	Hexachlorobutadiene	0.217	0.230	-6.0	95	0.00
35	Caprolactam	0.072	0.079	-9.7	101	-0.02
36 C	4-Chloro-3-methylphenol	0.263	0.279	-6.1	97	0.00
37	2-Methylnaphthalene	0.611	0.636	-4.1	96	0.00
38	1-Methylnaphthalene	0.584	0.613	-5.0	96	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	0.604	0.634	-5.0	99	0.00
41 P	Hexachlorocyclopentadiene	0.383	0.419	-9.4	98	0.00
42 S	2,4,6-Tribromophenol	0.296	0.341	-15.2	102	0.00
43 C	2,4,6-Trichlorophenol	0.378	0.425	-12.4	99	0.00
44	2,4,5-Trichlorophenol	0.395	0.418	-5.8	97	0.00
45 S	2-Fluorobiphenyl	1.282	1.351	-5.4	98	0.00
46	1,1'-Biphenyl	1.448	1.493	-3.1	98	0.00
47	2-Chloronaphthalene	1.165	1.198	-2.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 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	0.352	0.423	-20.2	104	0.00
49	Acenaphthylene	1.604	1.696	-5.7	98	0.00
50	Dimethylphthalate	1.219	1.299	-6.6	99	0.00
51	2,6-Dinitrotoluene	0.200	0.242	-21.0	104	0.00
52 C	Acenaphthene	1.056	1.105	-4.6	97	0.00
53	3-Nitroaniline	0.243	0.289	-18.9	100	0.00
54 P	2,4-Dinitrophenol	0.064	0.074	-15.6	115	0.00
55	Dibenzofuran	1.493	1.577	-5.6	99	0.00
56 P	4-Nitrophenol	0.196	0.224	-14.3	106	0.00
57	2,4-Dinitrotoluene	0.261	0.330	-26.4#	105	0.00
58	Fluorene	1.110	1.169	-5.3	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.339	0.390	-15.0	102	0.00
60	Diethylphthalate	1.141	1.232	-8.0	99	0.00
61	4-Chlorophenyl-phenylether	0.566	0.597	-5.5	99	0.00
62	4-Nitroaniline	0.228	0.274	-20.2	101	-0.01
63	Azobenzene	1.203	1.286	-6.9	98	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.082	-22.4	117	0.00
66 c	n-Nitrosodiphenylamine	0.658	0.682	-3.6	99	0.00
67	4-Bromophenyl-phenylether	0.341	0.365	-7.0	101	0.00
68	Hexachlorobenzene	0.470	0.501	-6.6	101	0.00
69	Atrazine	0.190	0.215	-13.2	101	0.00
70 C	Pentachlorophenol	0.234	0.271	-15.8	105	0.00
71	Phenanthrene	1.027	1.086	-5.7	100	0.00
72	Anthracene	1.030	1.114	-8.2	102	0.00
73	Carbazole	0.901	0.993	-10.2	101	0.00
74	Di-n-butylphthalate	1.036	1.196	-15.4	103	0.00
75 C	Fluoranthene	1.033	1.188	-15.0	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77	Benzydine	0.487	0.490	-0.6	98	0.00
78	Pyrene	0.983	1.011	-2.8	103	0.00
79 S	Terphenyl-d14	0.983	1.028	-4.6	103	0.00
80	Butylbenzylphthalate	0.340	0.397	-16.8	104	0.00
81	Benzo(a)anthracene	1.074	1.109	-3.3	99	0.00
82	3,3'-Dichlorobenzidine	0.465	0.497	-6.9	103	0.00
83	Chrysene	0.972	1.064	-9.5	107	0.00
84	Bis(2-ethylhexyl)phthalate	0.499	0.570	-14.2	105	0.00
85 c	Di-n-octyl phthalate	0.905	1.007	-11.3	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.517	1.635	-7.8	102	-0.02
88	Benzo(b)fluoranthene	1.018	1.169	-14.8	106	0.00
89	Benzo(k)fluoranthene	1.023	1.046	-2.2	97	0.00
90 C	Benzo(a)pyrene	0.957	1.035	-8.2	101	0.00
91	Dibenzo(a,h)anthracene	1.241	1.347	-8.5	102	-0.02
92	Benzo(g,h,i)perylene	1.196	1.294	-8.2	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 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	96	0.00
2	1,4-Dioxane	40.000	43.647	-9.1	97	0.00
3	Pyridine	40.000	43.022	-7.6	96	0.00
4	n-Nitrosodimethylamine	40.000	42.441	-6.1	96	-0.02
5 S	2-Fluorophenol	80.000	86.573	-8.2	98	0.00
6	Aniline	40.000	41.592	-4.0	96	0.00
7 S	Phenol-d6	80.000	81.847	-2.3	95	0.00
8	2-Chlorophenol	40.000	42.456	-6.1	97	0.00
9	Benzaldehyde	40.000	46.667	-16.7	95	0.00
10 C	Phenol	40.000	41.956	-4.9	96	-0.01
11	bis(2-Chloroethyl)ether	40.000	41.891	-4.7	96	0.00
12	1,3-Dichlorobenzene	40.000	42.271	-5.7	97	0.00
13 C	1,4-Dichlorobenzene	40.000	41.859	-4.6	96	0.00
14	1,2-Dichlorobenzene	40.000	41.736	-4.3	96	0.00
15	Benzyl Alcohol	40.000	42.558	-6.4	97	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.868	-4.7	96	0.00
17	2-Methylphenol	40.000	42.304	-5.8	97	0.00
18	Hexachloroethane	40.000	42.878	-7.2	98	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.810	0.5	96	-0.01
20	3+4-Methylphenols	40.000	43.619	-9.0	98	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22	Acetophenone	40.000	41.524	-3.8	95	0.00
23 S	Nitrobenzene-d5	80.000	90.799	-13.5	98	0.00
24	Nitrobenzene	40.000	43.582	-9.0	98	-0.01
25	Isophorone	40.000	41.778	-4.4	95	0.00
26 C	2-Nitrophenol	40.000	44.135	-10.3	106	0.00
27	2,4-Dimethylphenol	40.000	42.725	-6.8	96	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.459	-3.6	94	0.00
29 C	2,4-Dichlorophenol	40.000	42.921	-7.3	97	0.00
30	1,2,4-Trichlorobenzene	40.000	42.395	-6.0	96	0.00
31	Naphthalene	40.000	42.019	-5.0	96	0.00
32	Benzoic acid	40.000	43.922	-9.8	103	-0.03
33	4-Chloroaniline	40.000	41.955	-4.9	96	0.00
34 C	Hexachlorobutadiene	40.000	42.413	-6.0	95	0.00
35	Caprolactam	40.000	44.018	-10.0	101	-0.02
36 C	4-Chloro-3-methylphenol	40.000	42.485	-6.2	97	0.00
37	2-Methylnaphthalene	40.000	41.689	-4.2	96	0.00
38	1-Methylnaphthalene	40.000	41.968	-4.9	96	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.989	-5.0	99	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.786	-9.5	98	0.00
42 S	2,4,6-Tribromophenol	80.000	95.600	-19.5	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.018	-12.5	99	0.00
44	2,4,5-Trichlorophenol	40.000	42.310	-5.8	97	0.00
45 S	2-Fluorobiphenyl	80.000	79.843	0.2	98	0.00
46	1,1'-Biphenyl	40.000	41.254	-3.1	98	0.00
47	2-Chloronaphthalene	40.000	41.133	-2.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 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	48.090	-20.2	104	0.00
49	Acenaphthylene	40.000	42.279	-5.7	98	0.00
50	Dimethylphthalate	40.000	42.624	-6.6	99	0.00
51	2,6-Dinitrotoluene	40.000	48.254	-20.6	104	0.00
52 C	Acenaphthene	40.000	41.869	-4.7	97	0.00
53	3-Nitroaniline	40.000	47.665	-19.2	100	0.00
54 P	2,4-Dinitrophenol	40.000	46.217	-15.5	115	0.00
55	Dibenzofuran	40.000	42.251	-5.6	99	0.00
56 P	4-Nitrophenol	40.000	45.864	-14.7	106	0.00
57	2,4-Dinitrotoluene	40.000	44.618	-11.5	105	0.00
58	Fluorene	40.000	42.132	-5.3	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.097	-15.2	102	0.00
60	Diethylphthalate	40.000	43.199	-8.0	99	0.00
61	4-Chlorophenyl-phenylether	40.000	42.203	-5.5	99	0.00
62	4-Nitroaniline	40.000	47.936	-19.8	101	-0.01
63	Azobenzene	40.000	42.769	-6.9	98	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.452	-13.6	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.480	-3.7	99	0.00
67	4-Bromophenyl-phenylether	40.000	42.884	-7.2	101	0.00
68	Hexachlorobenzene	40.000	42.661	-6.7	101	0.00
69	Atrazine	40.000	45.083	-12.7	101	0.00
70 C	Pentachlorophenol	40.000	46.307	-15.8	105	0.00
71	Phenanthrene	40.000	42.299	-5.7	100	0.00
72	Anthracene	40.000	43.252	-8.1	102	0.00
73	Carbazole	40.000	44.114	-10.3	101	0.00
74	Di-n-butylphthalate	40.000	46.182	-15.5	103	0.00
75 C	Fluoranthene	40.000	46.027	-15.1	103	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77	Benzydine	40.000	40.236	-0.6	98	0.00
78	Pyrene	40.000	41.117	-2.8	103	0.00
79 S	Terphenyl-d14	80.000	80.752	-0.9	103	0.00
80	Butylbenzylphthalate	40.000	46.674	-16.7	104	0.00
81	Benzo(a)anthracene	40.000	41.296	-3.2	99	0.00
82	3,3'-Dichlorobenzidine	40.000	42.723	-6.8	103	0.00
83	Chrysene	40.000	43.791	-9.5	107	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.704	-14.3	105	0.00
85 c	Di-n-octyl phthalate	40.000	44.512	-11.3	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.111	-7.8	102	-0.02
88	Benzo(b)fluoranthene	40.000	45.894	-14.7	106	0.00
89	Benzo(k)fluoranthene	40.000	40.882	-2.2	97	0.00
90 C	Benzo(a)pyrene	40.000	43.246	-8.1	101	0.00
91	Dibenzo(a,h)anthracene	40.000	43.395	-8.5	102	-0.02
92	Benzo(g,h,i)perylene	40.000	43.247	-8.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: SCIA01Lab Code: ACESDG No.: Q3215Instrument ID: BNA_GCalibration Date(s): 09/25/2025 09/25/2025Calibration Time(s): 11:55 19:26

LAB FILE ID:		RRF2.5 = BG064441.D			RRF005 = BG064442.D		RRF020 = BG064444.D	
		RRF050 = BG064446.D			RRF080 = BG064448.D		RRF010 = BG064449.D	
COMPOUND	RRF2.5	RRF005	RRF020	RRF050	RRF080	RRF010	RRF	% RSD
2-Fluorophenol		1.015	1.035	1.021	1.019	1.021	1.047	4.1
Phenol-d6		1.336	1.378	1.416	1.430	1.343	1.434	6.8
Nitrobenzene-d5		0.352	0.330	0.377	0.376	0.359	0.369	6.8
Naphthalene		1.044	1.039	0.998	1.020	1.035	1.044	3.7
2-Fluorobiphenyl		1.349	1.352	1.331	1.311	1.317	1.354	3.2
Acenaphthylene		1.582	1.606	1.579	1.559	1.552	1.605	3.8
Acenaphthene		1.044	1.101	1.079	1.064	1.095	1.099	4.4
Fluorene		1.513	1.506	1.490	1.439	1.457	1.504	3.8
2,4,6-Tribromophenol		0.354	0.358	0.344	0.338	0.337	0.349	3.8
Phenanthrene		1.036	1.063	1.021	1.007	1.001	1.040	3.9
Anthracene		1.050	1.054	1.056	1.032	1.045	1.059	2.4
Fluoranthene		1.366	1.309	1.385	1.250	1.296	1.313	6.3
Pyrene		1.255	1.249	1.241	1.211	1.194	1.241	3.7
Terphenyl-d14		1.025	1.026	1.004	0.982	0.986	1.015	3.7
Benzo (a) anthracene		1.293	1.277	1.263	1.255	1.224	1.281	3.3
Chrysene		1.254	1.224	1.186	1.191	1.177	1.213	2.8
Benzo (b) fluoranthene		1.129	1.129	1.127	1.136	1.072	1.147	4.6
Benzo (k) fluoranthene		1.122	1.171	1.133	1.119	1.095	1.147	3.7
Benzo (a) pyrene		1.067	1.071	1.048	1.036	0.988	1.062	4.3
Indeno (1,2,3-cd) pyrene		1.380	1.415	1.375	1.372	1.415	1.414	3.3
Dibenzo (a,h) anthracene		1.147	1.139	1.106	1.117	1.136	1.146	3.1
Benzo (g,h,i) perylene		1.109	1.090	1.051	1.063	1.115	1.101	3.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064441.D
Acq On : 25 Sep 2025 11:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 29 17:43:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration

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

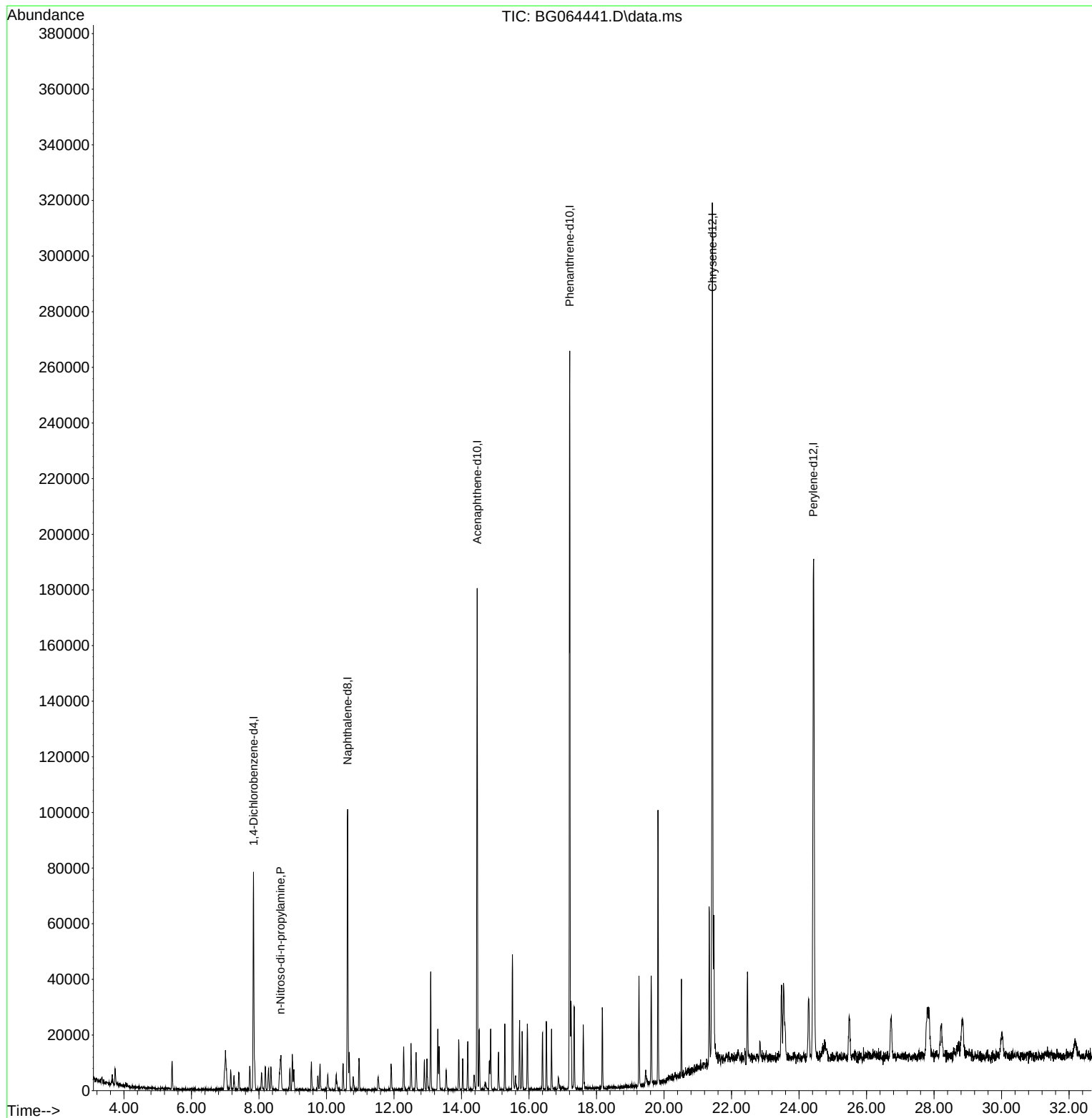
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	18909	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	79951	20.000	ng	# 0.00
39) Acenaphthene-d10	14.462	164	60267	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	159293	20.000	ng	# 0.00
76) Chrysene-d12	21.431	240	173911	20.000	ng	0.00
86) Perylene-d12	24.427	264	188189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.634	70	2144	2.340	ng	# 46

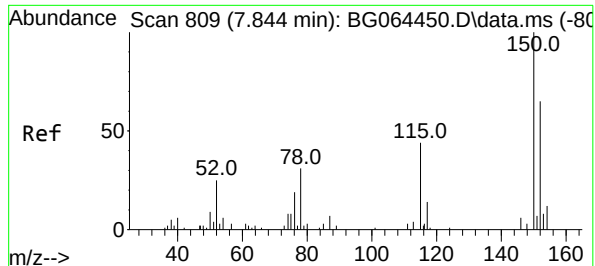
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064441.D
Acq On : 25 Sep 2025 11:55
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 29 17:43:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.841 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

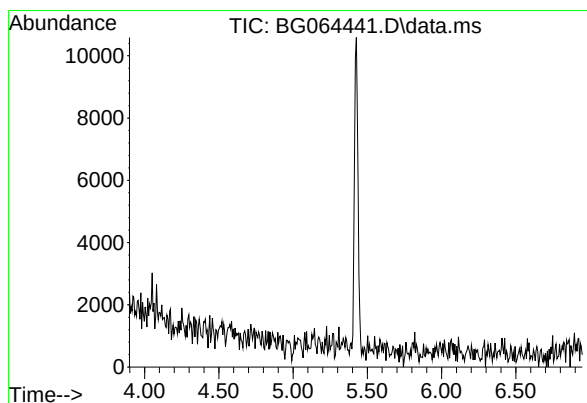
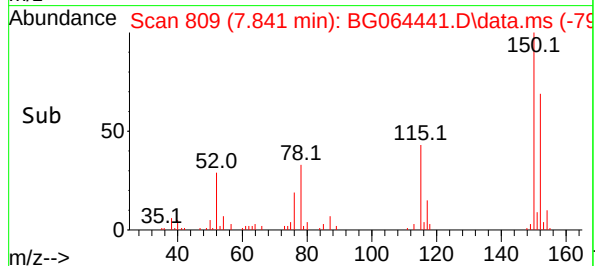
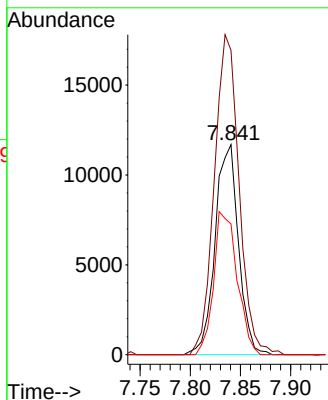
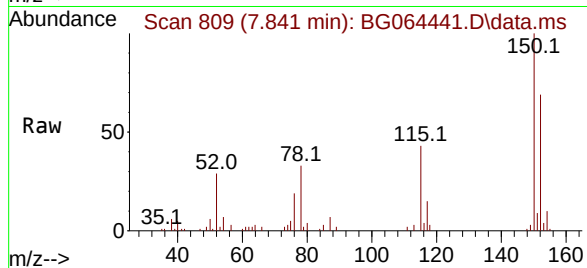
Tgt Ion:152 Resp: 18909

Ion Ratio Lower Upper

152 100

150 144.8 122.9 184.3

115 62.2 54.3 81.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.42 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

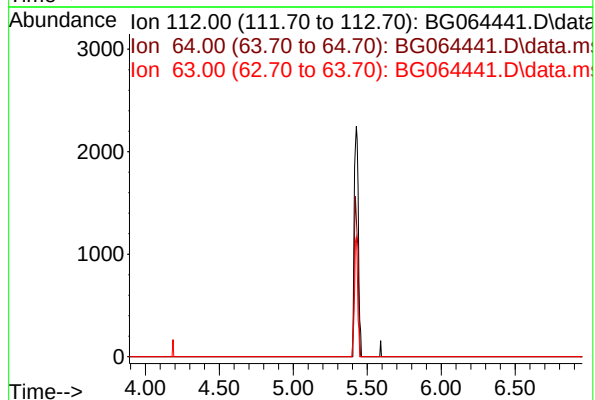
Tgt Ion: 112

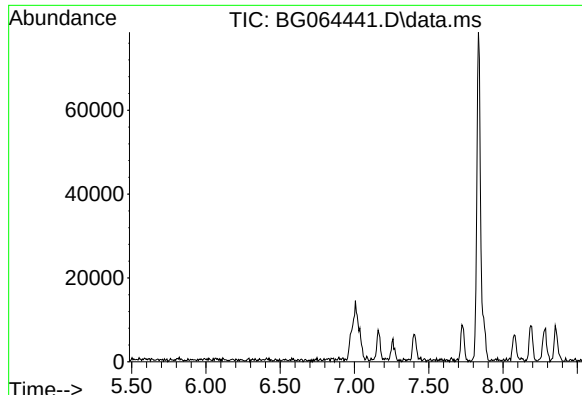
Sig Exp Ratio

112 100

64 67.5

63 42.2





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.01 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

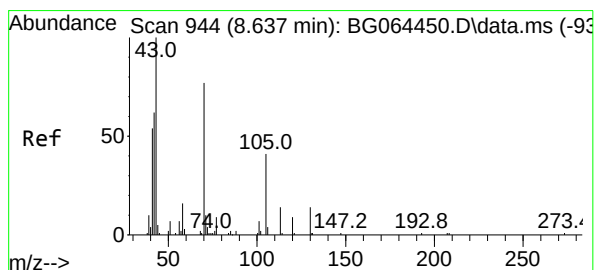
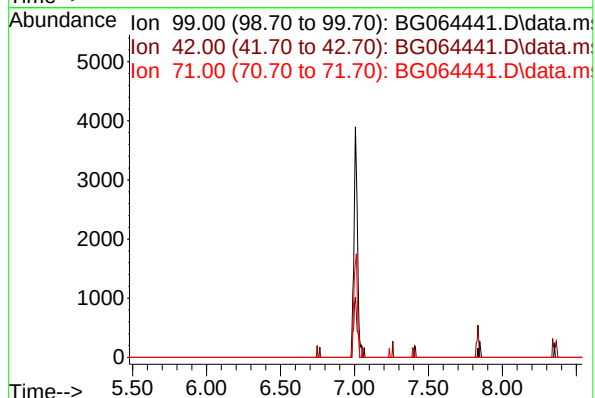
Tgt Ion: 99

Sig Exp Ratio

99 100

42 30.0

71 50.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.340 ng

RT: 8.634 min Scan# 944

Delta R.T. -0.003 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

Tgt Ion: 70 Resp: 2144

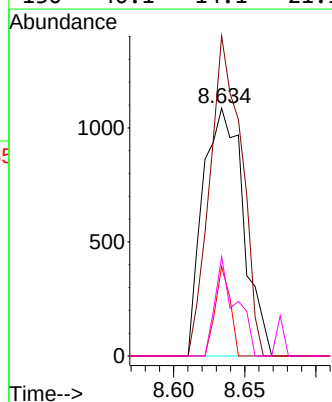
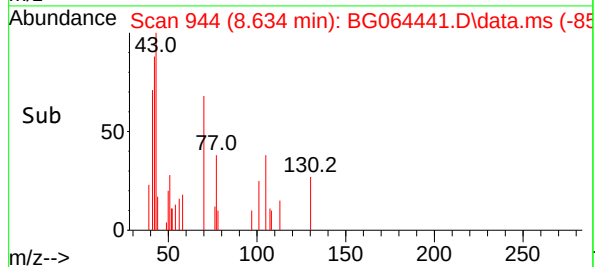
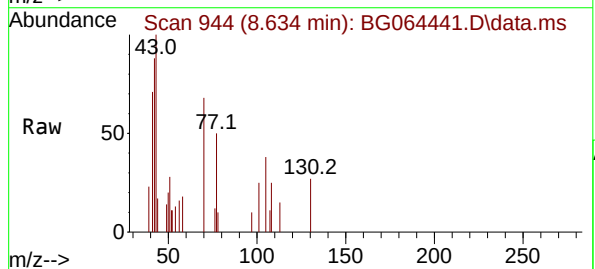
Ion Ratio Lower Upper

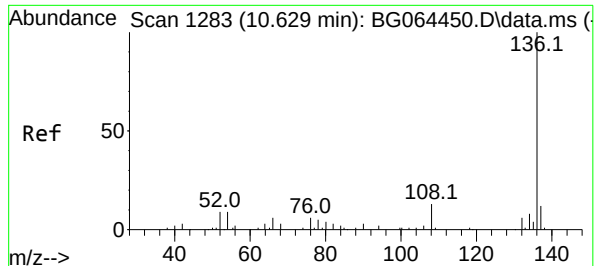
70 100

42 129.2 65.6 98.4#

101 36.1 7.7 11.5#

130 40.1 14.1 21.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.626 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064441.D

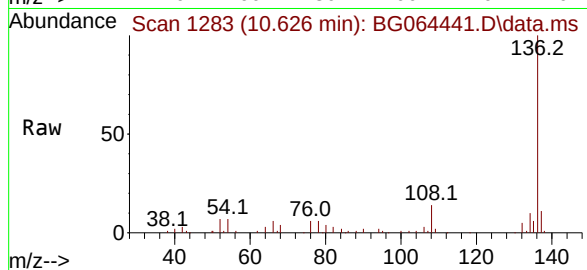
Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 79951

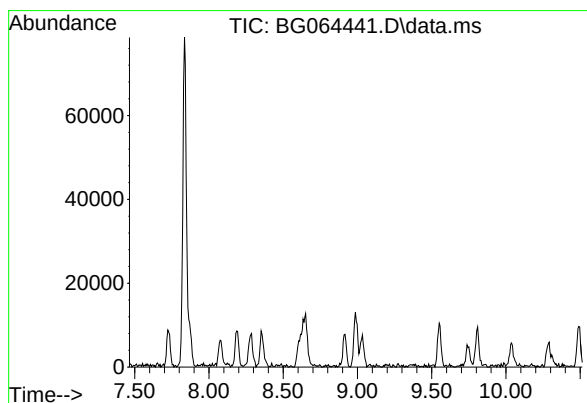
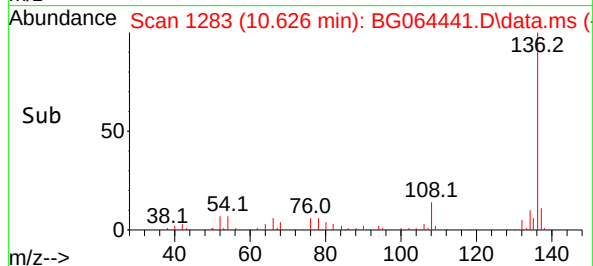
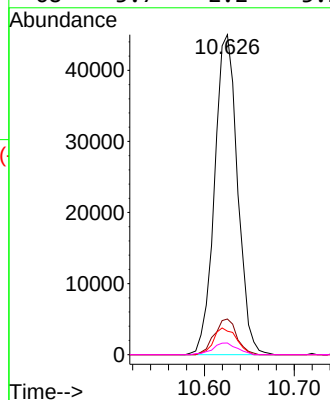
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 7.3 7.4 11.2#

68 3.7 2.2 3.2#



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.99 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

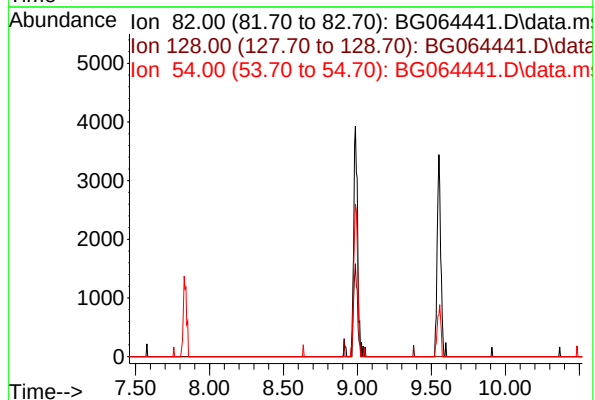
Tgt Ion: 82

Sig Exp Ratio

82 100

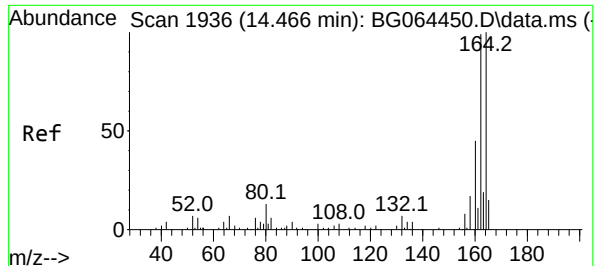
128 42.1

54 71.3



Ion 128.00 (127.70 to 128.70): BG064441.D\data.ms

Ion 54.00 (53.70 to 54.70): BG064441.D\data.ms



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. -0.003 min

Lab File: BG064441.D

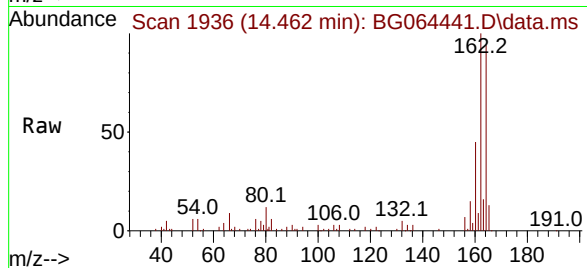
Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



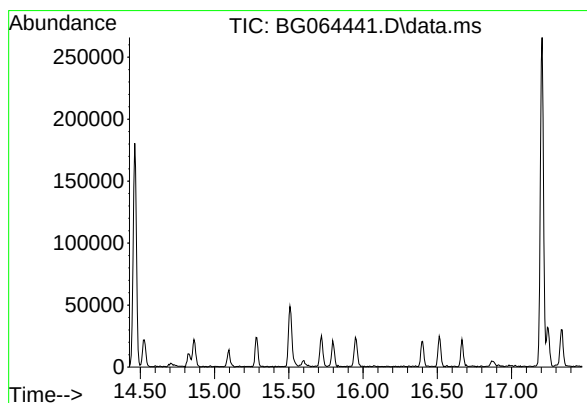
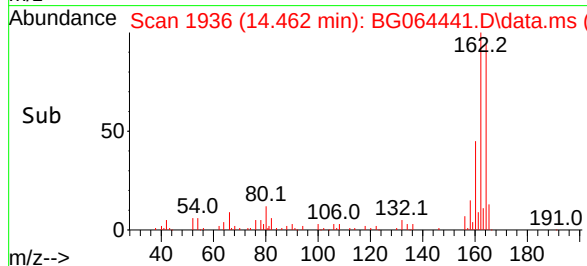
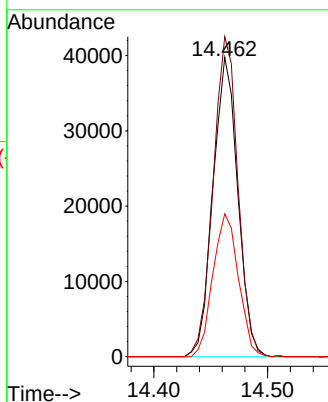
Tgt Ion:164 Resp: 60267

Ion Ratio Lower Upper

164 100

162 106.9 79.0 118.4

160 47.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.95 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

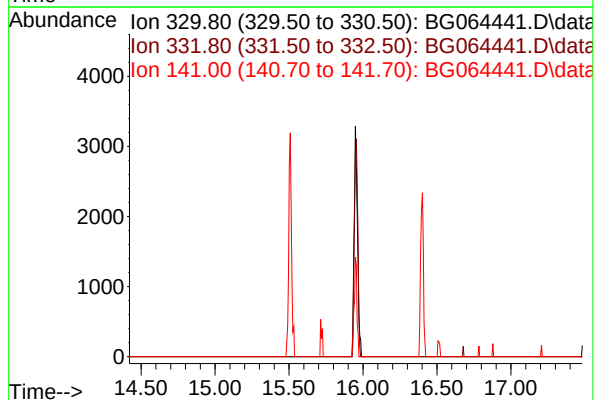
Tgt Ion: 330

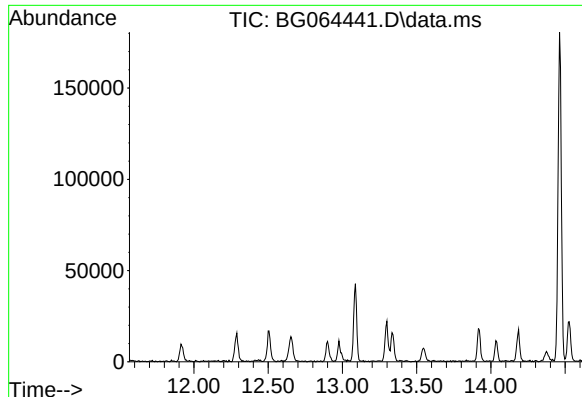
Sig Exp Ratio

330 100

332 98.5

141 34.1

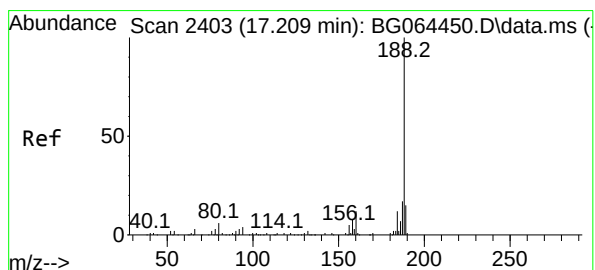
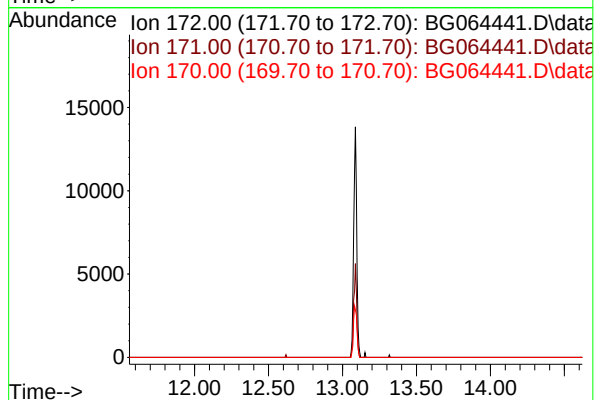




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.09 min
Lab File: BG064441.D
Acq: 25 Sep 2025 11:55

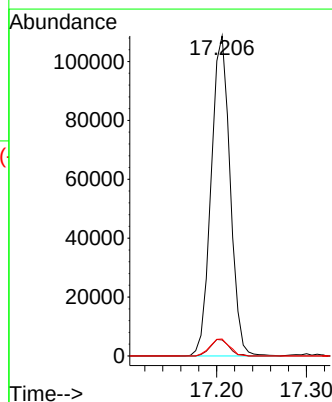
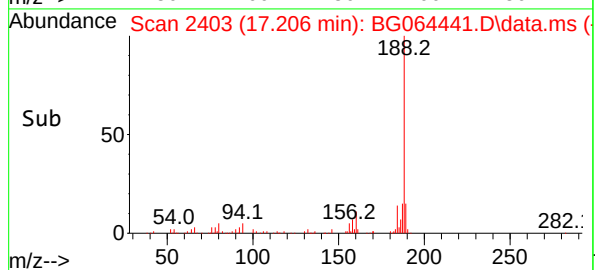
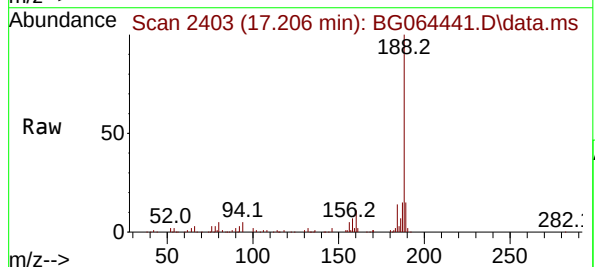
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

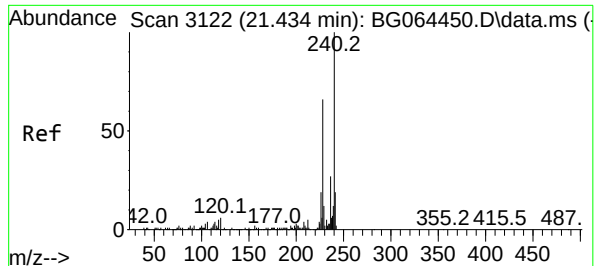
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.8
170 23.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064441.D
Acq: 25 Sep 2025 11:55

Tgt Ion: 188 Resp: 159293
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.4#
80 5.3 4.9 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.431 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

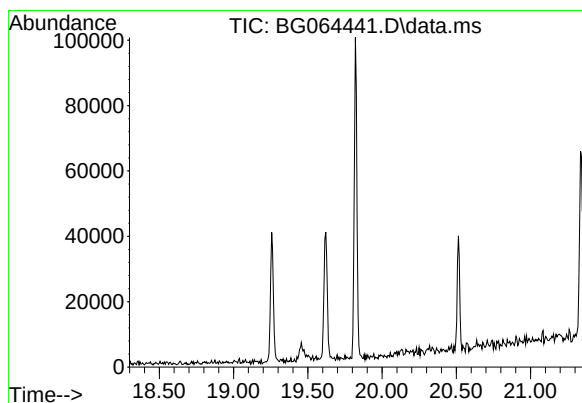
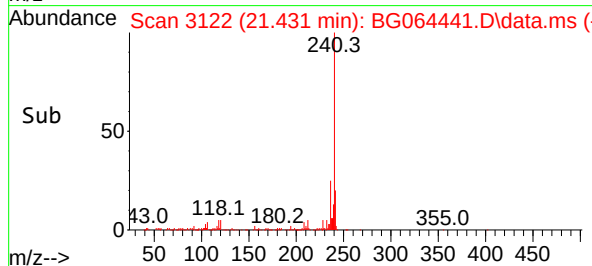
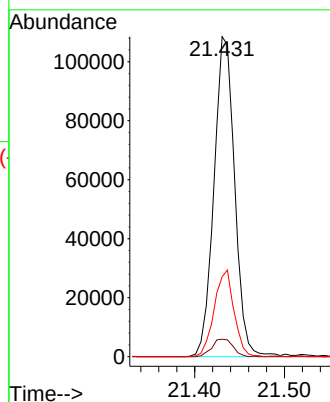
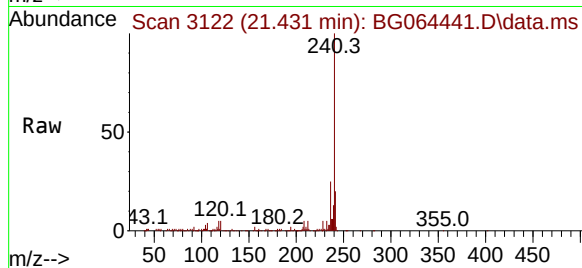
Tgt Ion:240 Resp: 173911

Ion Ratio Lower Upper

240 100

120 5.4 5.0 7.4

236 24.9 21.9 32.9



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.82 min

Lab File: BG064441.D

Acq: 25 Sep 2025 11:55

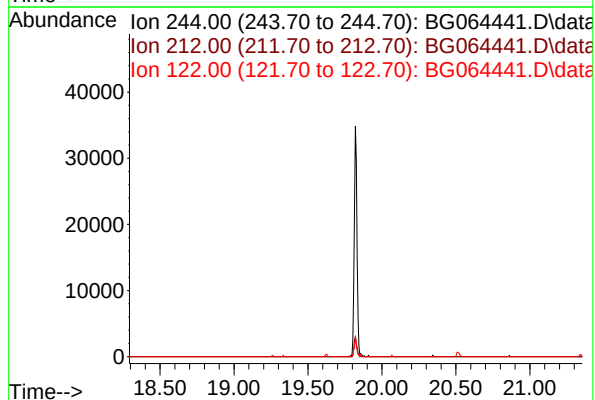
Tgt Ion: 244

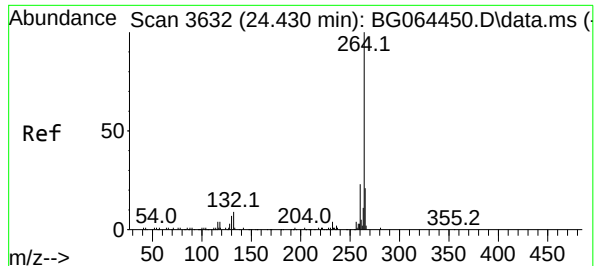
Sig Exp Ratio

244 100

212 9.0

122 7.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.427 min Scan# 30

Delta R.T. -0.003 min

Lab File: BG064441.D

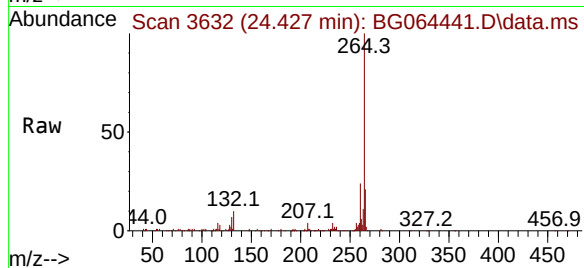
Acq: 25 Sep 2025 11:55

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



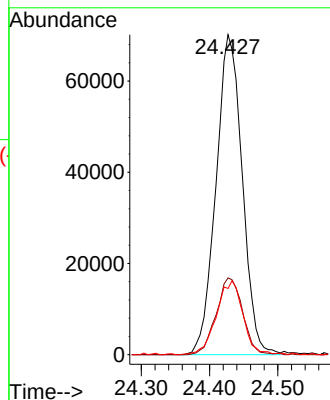
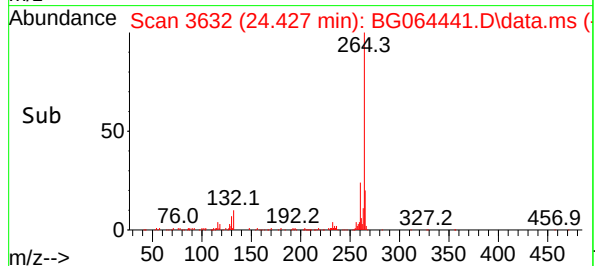
Tgt Ion:264 Resp: 188189

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 20.7 16.7 25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064442.D
 Acq On : 25 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:44:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	16384	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	74815	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	58511	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	153169	20.000	ng	# 0.00
76) Chrysene-d12	21.431	240	172885	20.000	ng	0.00
86) Perylene-d12	24.427	264	188591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	8314	9.697	ng	0.00
7) Phenol-d6	7.007	99	10944	9.317	ng	0.00
23) Nitrobenzene-d5	8.993	82	13161	9.534	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	10358	10.140	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	39466	9.960	ng	0.00
79) Terphenyl-d14	19.821	244	88581	10.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	1941	5.395	ng	# 92
3) Pyridine	3.734	79	5395	5.562	ng	92
6) Aniline	7.165	93	7365	4.842	ng	98
8) 2-Chlorophenol	7.400	128	5067	4.724	ng	94
10) Phenol	7.036	94	6142	4.829	ng	# 77
11) bis(2-Chloroethyl)ether	7.259	93	4207	4.927	ng	81
12) 1,3-Dichlorobenzene	7.729	146	5717	4.755	ng	92
13) 1,4-Dichlorobenzene	7.870	146	6387	5.200	ng	# 93
14) 1,2-Dichlorobenzene	8.193	146	5748m	4.939	ng	
16) 2,2'-oxybis(1-Chloropr...	8.352	45	7581	5.091	ng	93
17) 2-Methylphenol	8.282	107	4209	4.581	ng	# 88
18) Hexachloroethane	8.910	117	2187	4.720	ng	# 74
19) n-Nitroso-di-n-propyla...	8.634	70	3440	4.333	ng	# 76
22) Acetophenone	8.652	105	8352	4.663	ng	# 88
24) Nitrobenzene	9.034	77	5890	4.371	ng	99
25) Isophorone	9.557	82	13116	5.135	ng	# 96
26) 2-Nitrophenol	9.750	139	3195	4.817	ng	88
27) 2,4-Dimethylphenol	9.803	122	5066	4.735	ng	# 94
28) bis(2-Chloroethoxy)met...	10.033	93	6744	5.111	ng	94
29) 2,4-Dichlorophenol	10.285	162	6314	5.128	ng	78
30) 1,2,4-Trichlorobenzene	10.491	180	6121	4.648	ng	89
31) Naphthalene	10.673	128	19519	4.997	ng	# 94
33) 4-Chloroaniline	10.790	127	5940	4.157	ng	# 84
34) Hexachlorobutadiene	10.961	225	5655	5.041	ng	95
36) 4-Chloro-3-methylphenol	11.913	107	7144	4.895	ng	# 91
37) 2-Methylnaphthalene	12.289	142	14737	4.997	ng	92
38) 1-Methylnaphthalene	12.500	142	14946	5.158	ng	# 92
40) 1,2,4,5-Tetrachloroben...	12.659	216	8665	4.647	ng	96
43) 2,4,6-Trichlorophenol	12.894	196	5378	4.421	ng	93
44) 2,4,5-Trichlorophenol	12.894	196	5378	3.988	ng	95
46) 1,1'-Biphenyl	13.299	154	19569	4.702	ng	99
47) 2-Chloronaphthalene	13.340	162	15539	4.912	ng	# 89
48) 2-Nitroaniline	13.540	65	4436	4.080	ng	# 86
49) Acenaphthylene	14.181	152	23145	4.928	ng	# 94
50) Dimethylphthalate	13.916	163	23028	5.152	ng	# 98
51) 2,6-Dinitrotoluene	14.034	165	4258	4.535	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064442.D
 Acq On : 25 Sep 2025 12:37
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:44:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.533	154	15274	4.752	ng	87
53) 3-Nitroaniline	14.374	138	3953	4.443	ng #	89
55) Dibenzofuran	14.862	168	27287	5.121	ng	97
57) 2,4-Dinitrotoluene	14.827	165	6776	4.728	ng #	95
58) Fluorene	15.508	166	22129	5.030	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.097	232	5847	4.418	ng #	93
60) Diethylphthalate	15.285	149	24701	5.129	ng #	93
61) 4-Chlorophenyl-phenyle...	15.508	204	12321	5.129	ng	96
62) 4-Nitroaniline	15.526	138	4103	4.301	ng	96
63) Azobenzene	15.796	77	18570	4.927	ng	93
66) n-Nitrosodiphenylamine	15.720	169	20460	5.006	ng	97
67) 4-Bromophenyl-phenylether	16.396	248	8792	4.899	ng	86
68) Hexachlorobenzene	16.513	284	10394	5.089	ng	99
69) Atrazine	16.666	200	10013	5.392	ng	98
71) Phenanthrene	17.248	178	39661	4.982	ng	95
72) Anthracene	17.336	178	40206	4.959	ng	98
73) Carbazole	17.606	167	35529	4.995	ng	97
74) Di-n-butylphthalate	18.170	149	45169	5.192	ng	99
75) Fluoranthene	19.257	202	52322	5.204	ng	95
78) Pyrene	19.615	202	54253	5.057	ng	99
80) Butylbenzylphthalate	20.514	149	20443	5.099	ng	89
81) Benzo(a)anthracene	21.413	228	55882	5.048	ng	98
83) Chrysene	21.472	228	54217	5.172	ng	97
84) Bis(2-ethylhexyl)phtha...	21.337	149	29296	5.072	ng #	99
87) Indeno(1,2,3-cd)pyrene	27.794	276	65077	4.882	ng #	93
88) Benzo(b)fluoranthene	23.481	252	53207	4.921	ng	96
89) Benzo(k)fluoranthene	23.540	252	52915	4.890	ng	98
90) Benzo(a)pyrene	24.286	252	50301	5.023	ng	94
91) Dibenzo(a,h)anthracene	27.847	278	54077	5.005	ng #	97
92) Benzo(g,h,i)perylene	28.834	276	52273	5.037	ng #	94

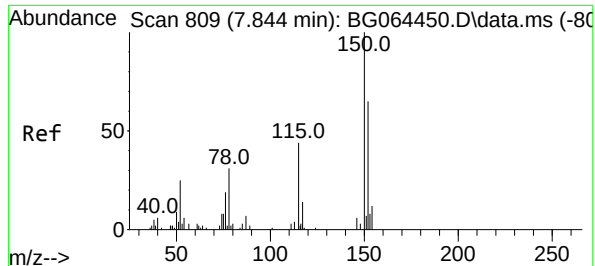
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

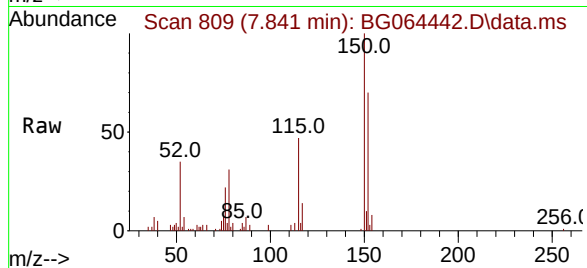
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

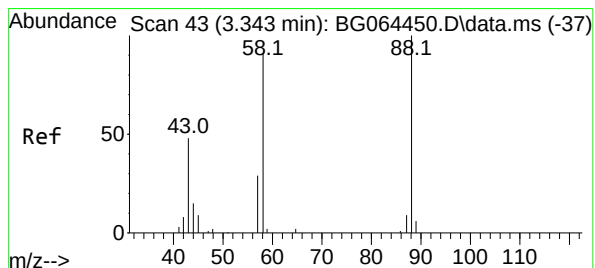
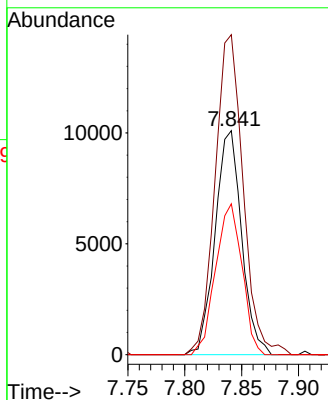
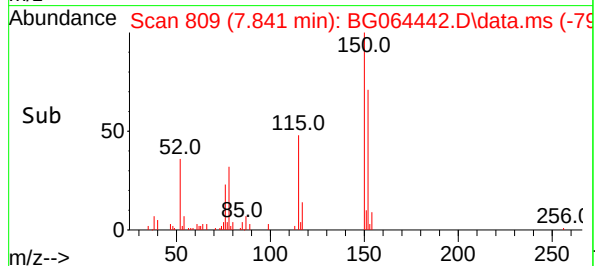
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 16384
Ion Ratio Lower Upper
152 100
150 142.8 122.9 184.3
115 67.3 54.3 81.5

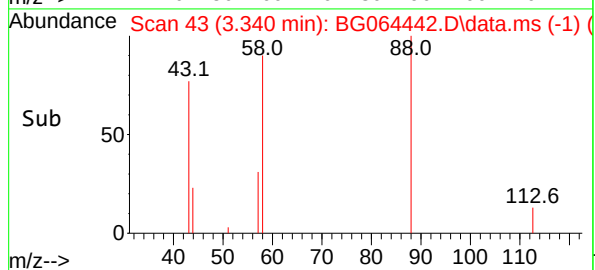
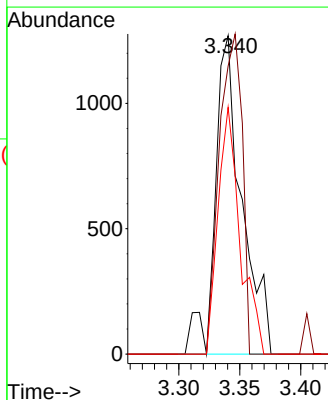
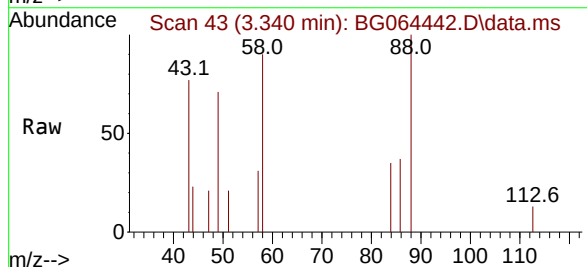
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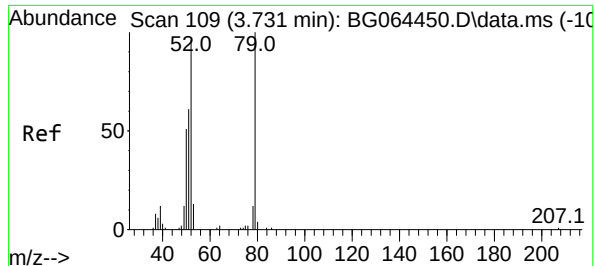
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 5.395 ng
RT: 3.340 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 88 Resp: 1941
Ion Ratio Lower Upper
88 100
58 85.7 67.9 101.9
43 64.0 39.4 59.2#





#3

Pyridine

Concen: 5.562 ng

RT: 3.734 min Scan# 110

Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

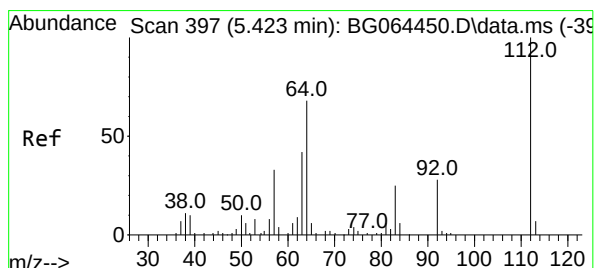
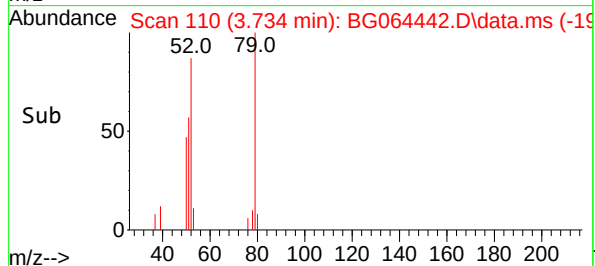
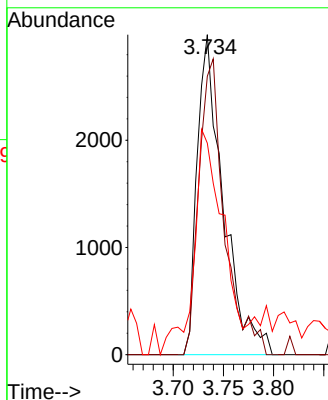
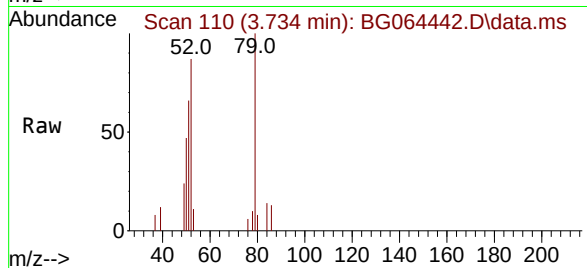
Tgt Ion: 79	Resp: 539
Ion Ratio	Lower Upper
79	100
52	87.0 76.6 114.8
51	66.1 49.3 73.9

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#5

2-Fluorophenol

Concen: 9.697 ng

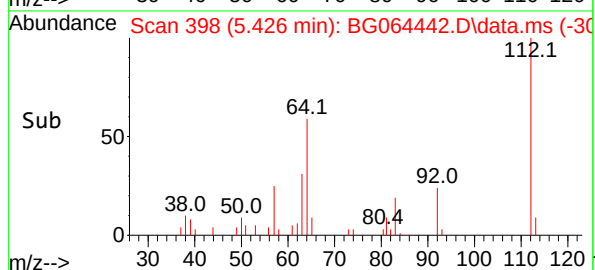
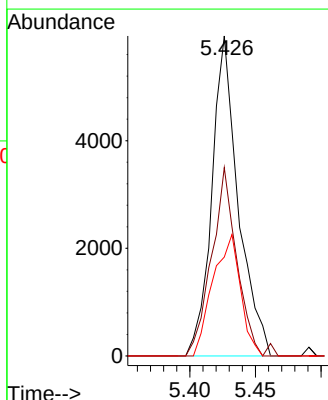
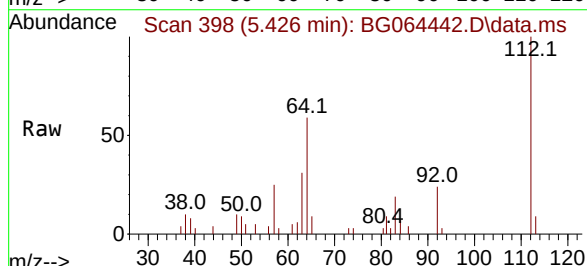
RT: 5.426 min Scan# 398

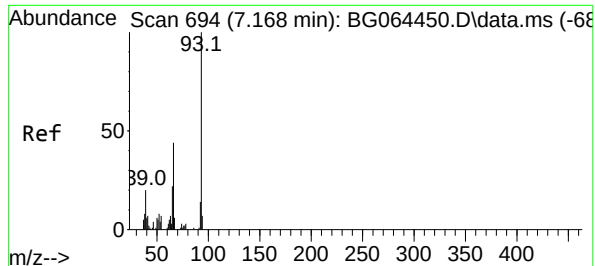
Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Tgt Ion: 112	Resp: 8314
Ion Ratio	Lower Upper
112	100
64	58.9 54.0 81.0
63	30.9 33.8 50.6





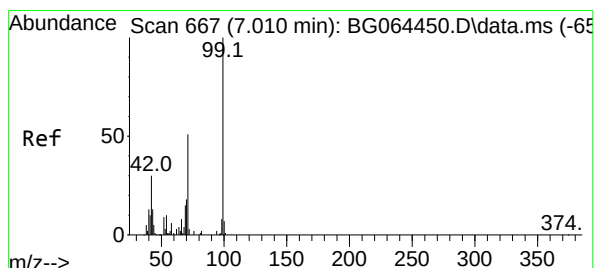
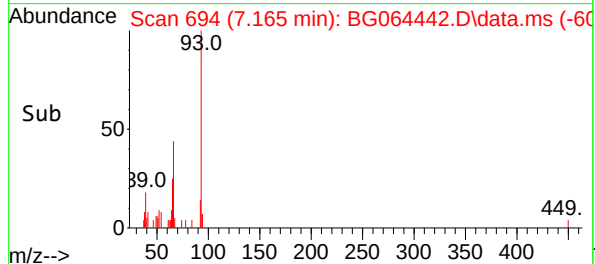
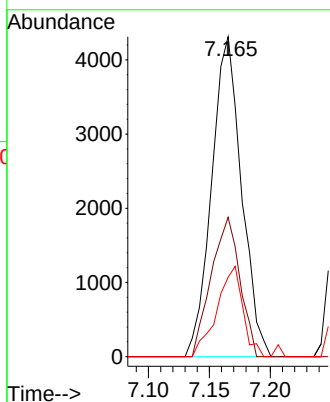
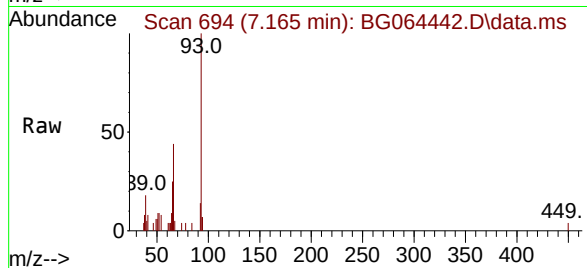
#6
Aniline
Concen: 4.842 ng
RT: 7.165 min Scan# 694
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.5	34.9	52.3
65	24.8	17.3	25.9

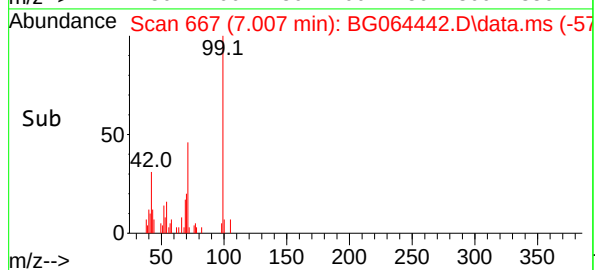
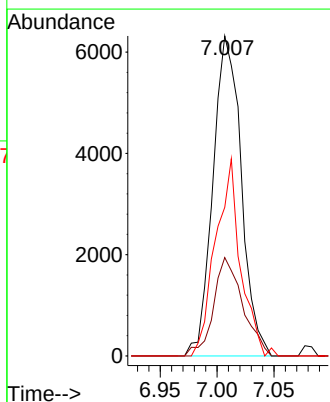
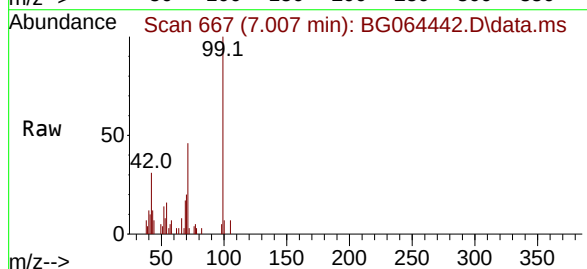
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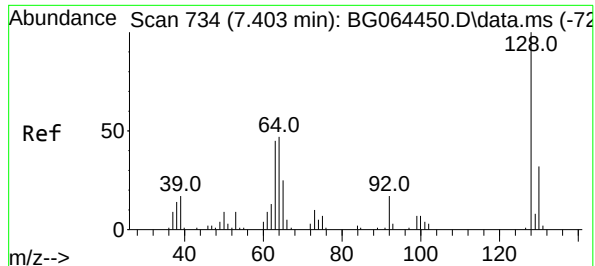
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#7
Phenol-d6
Concen: 9.317 ng
RT: 7.007 min Scan# 667
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

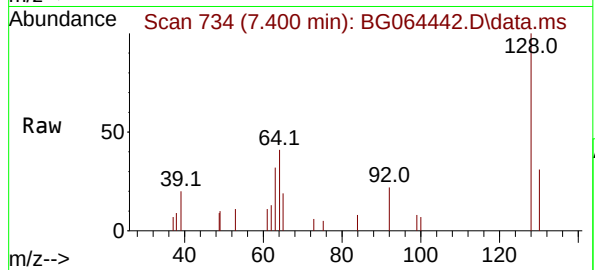
Tgt Ion	Ratio	Lower	Upper
99	100		
42	30.7	24.0	36.0
71	46.5	40.5	60.7





#8
2-Chlorophenol
Concen: 4.724 ng
RT: 7.400 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

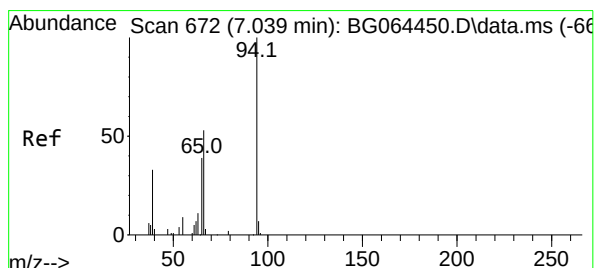
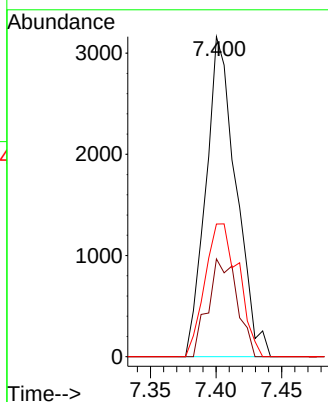
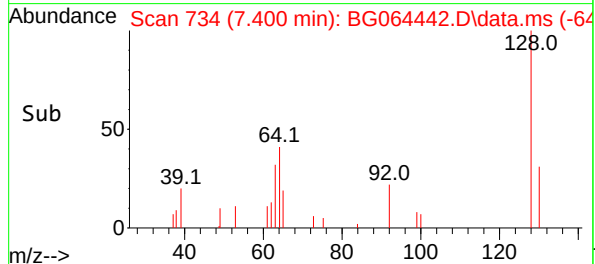
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 506
Ion Ratio Lower Upper
128 100
130 30.6 11.8 51.8
64 41.4 27.0 67.0

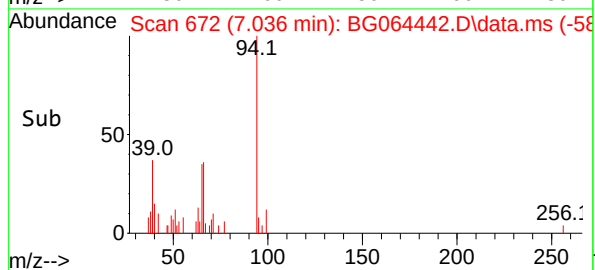
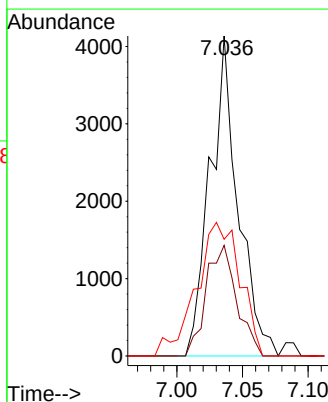
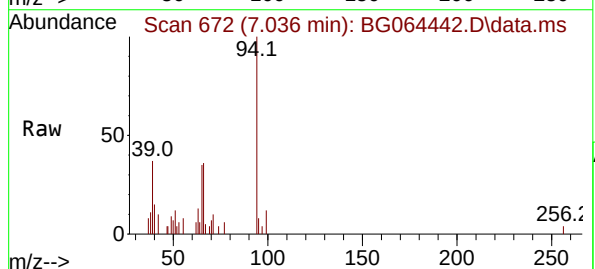
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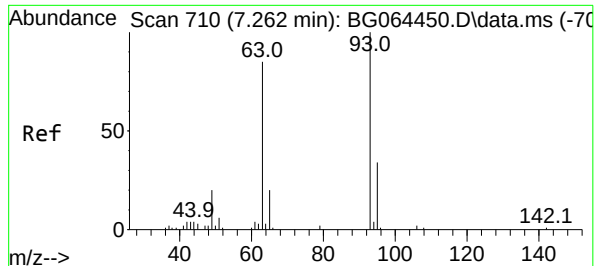
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 4.829 ng
RT: 7.036 min Scan# 672
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 94 Resp: 6142
Ion Ratio Lower Upper
94 100
65 34.6 21.1 61.1
66 36.4 39.7 79.7#





#11

bis(2-Chloroethyl)ether

Concen: 4.927 ng

RT: 7.259 min Scan# 710

Delta R.T. -0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 420

Ion Ratio Lower Upper

93 100

63 66.3 65.3 105.3

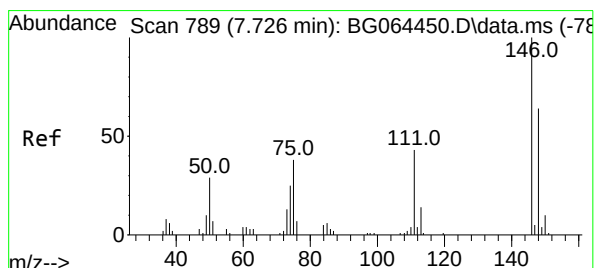
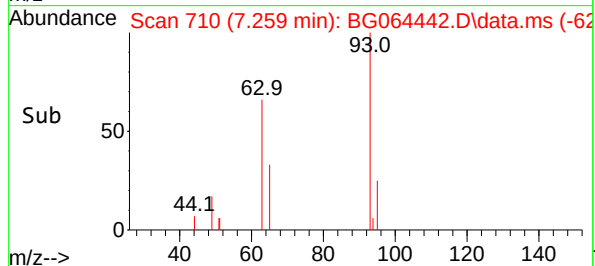
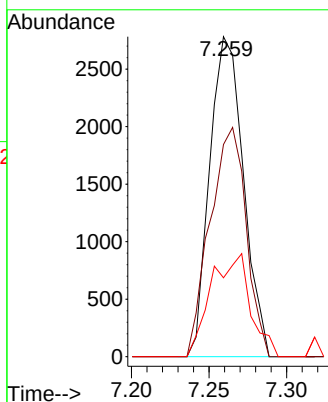
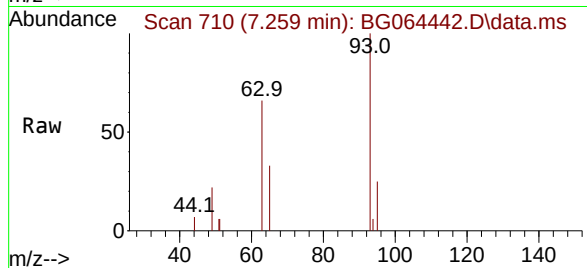
95 24.7 13.7 53.7

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 4.755 ng

RT: 7.729 min Scan# 790

Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

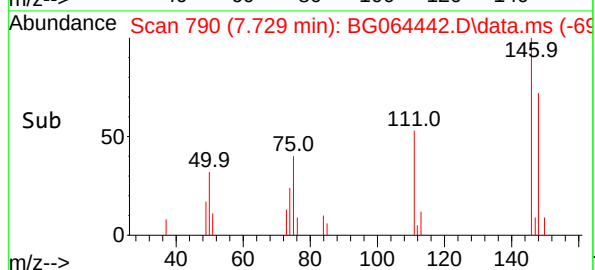
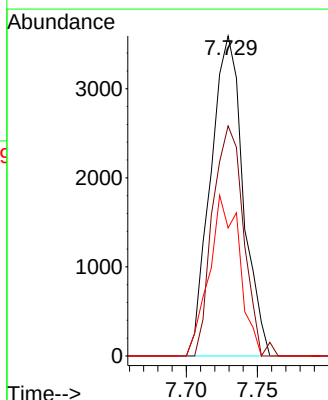
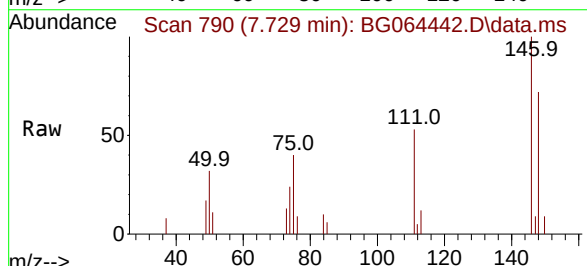
Tgt Ion:146 Resp: 5717

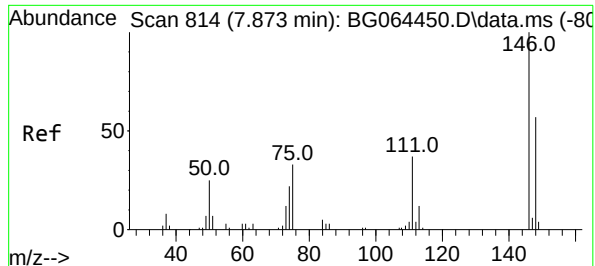
Ion Ratio Lower Upper

146 100

148 71.9 51.0 76.4

75 40.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 5.200 ng

RT: 7.870 min Scan# 814

Delta R.T. -0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 638

Ion Ratio Lower Upper

146 100

148 55.7 45.3 67.9

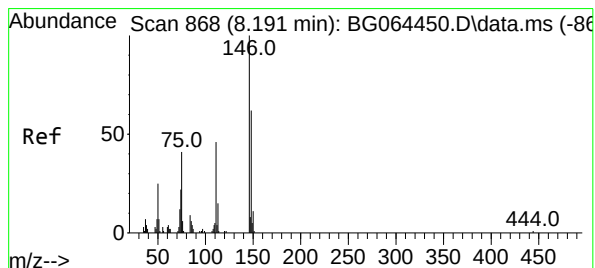
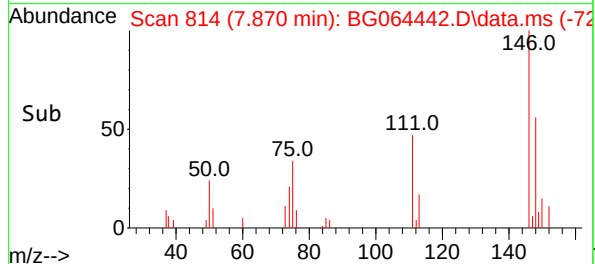
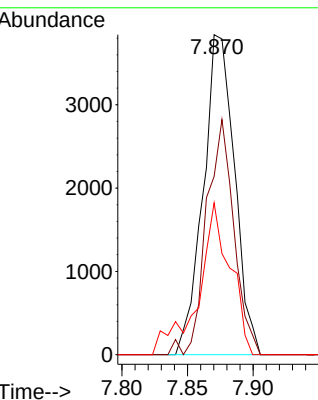
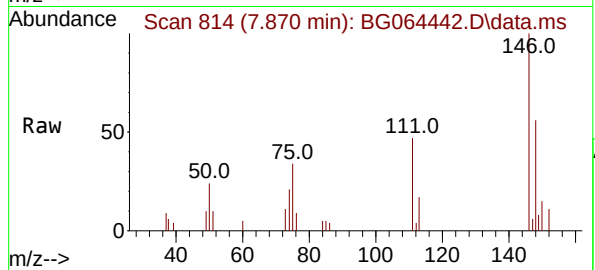
111 47.5 30.3 45.5

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 4.939 ng m

RT: 8.193 min Scan# 869

Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

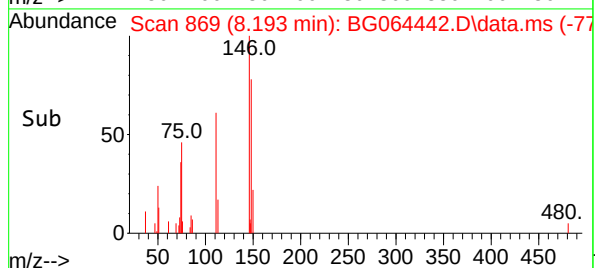
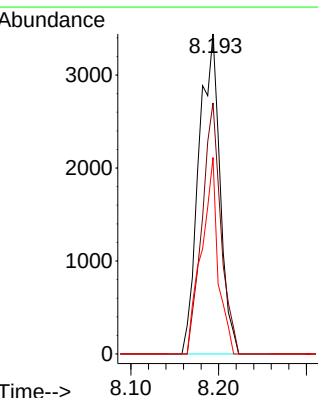
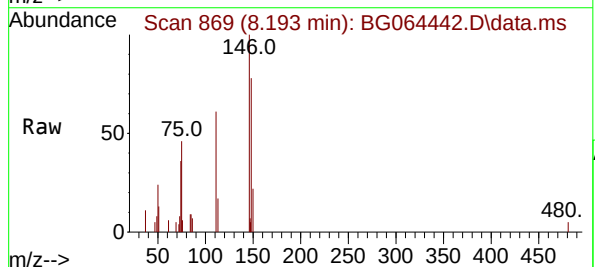
Tgt Ion:146 Resp: 5748

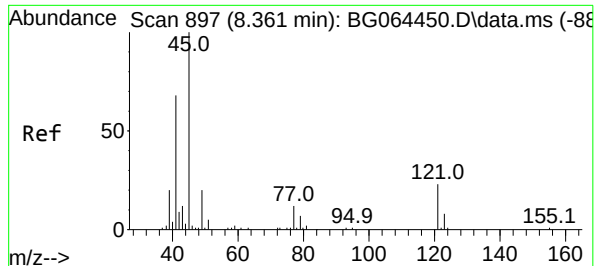
Ion Ratio Lower Upper

146 100

148 78.4 49.9 74.9#

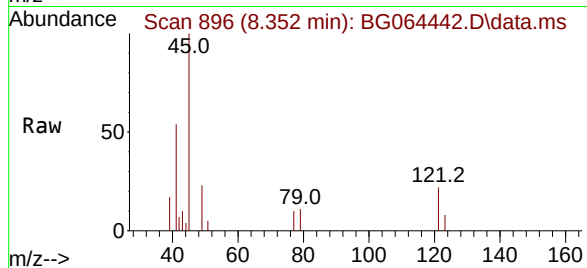
111 61.4 36.6 54.8#





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.091 ng
RT: 8.352 min Scan# 897
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

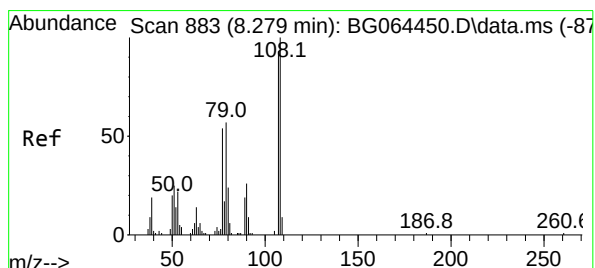
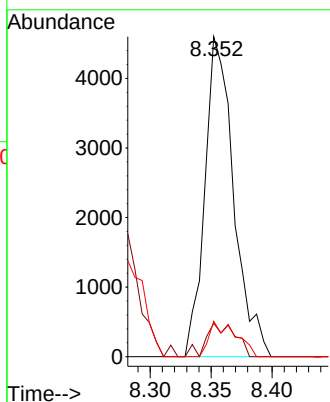
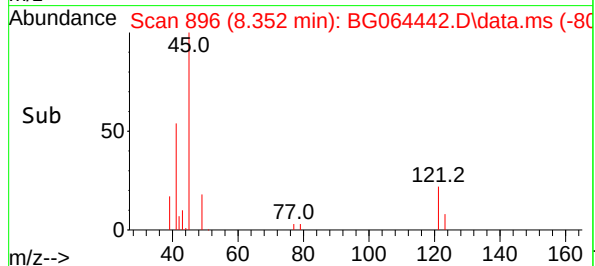
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



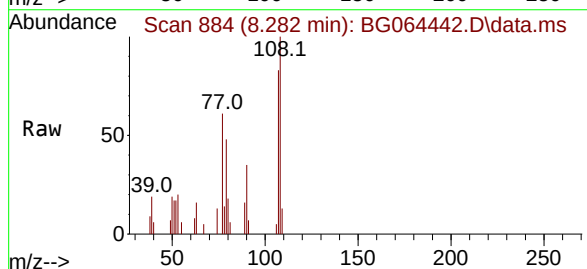
Tgt Ion: 45 Resp: 758
Ion Ratio Lower Upper
45 100
77 10.5 0.0 32.8
79 11.0 0.0 28.0

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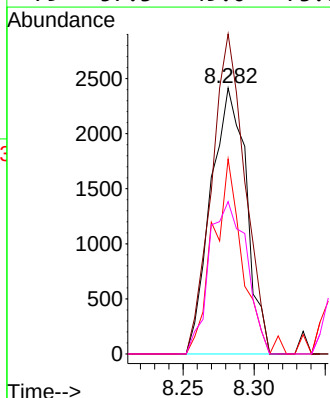
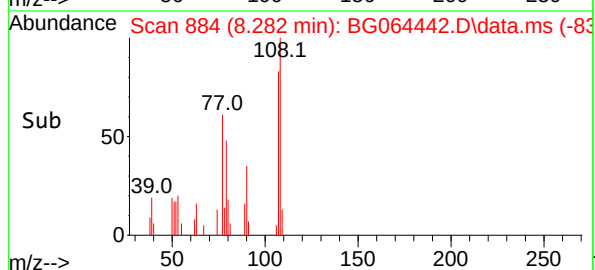
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

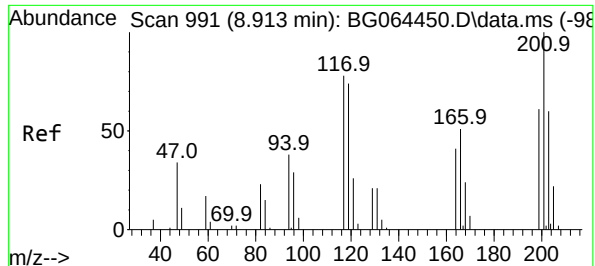


#17
2-Methylphenol
Concen: 4.581 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



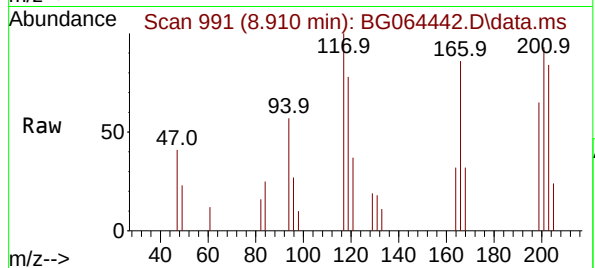
Tgt Ion:107 Resp: 4209
Ion Ratio Lower Upper
107 100
108 120.3 86.2 129.2
77 73.3 46.7 70.1#
79 57.3 49.0 73.6





#18
Hexachloroethane
Concen: 4.720 ng
RT: 8.910 min Scan# 991
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

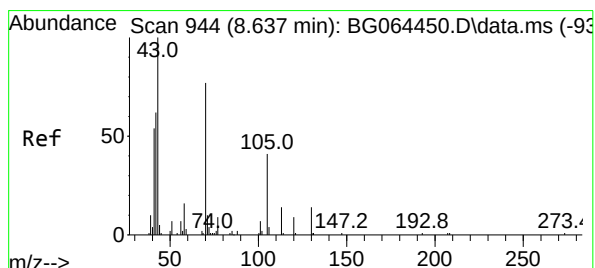
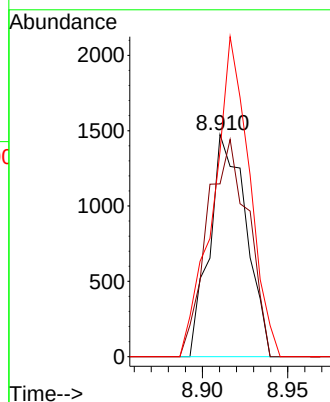
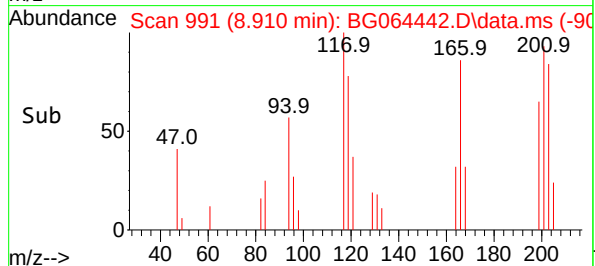
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:117 Resp: 218
Ion Ratio Lower Upper
117 100
119 77.8 76.6 115.0
201 92.5 103.0 154.6

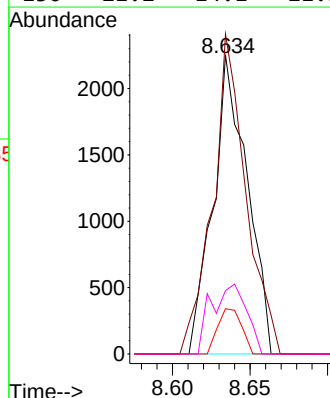
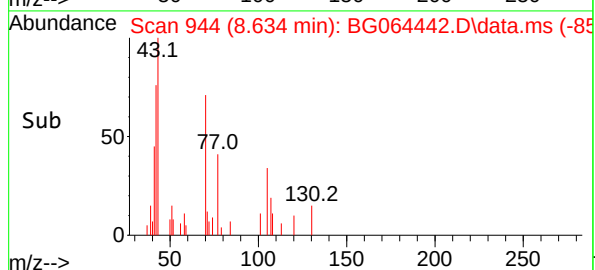
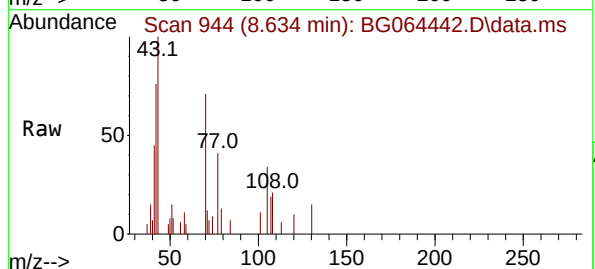
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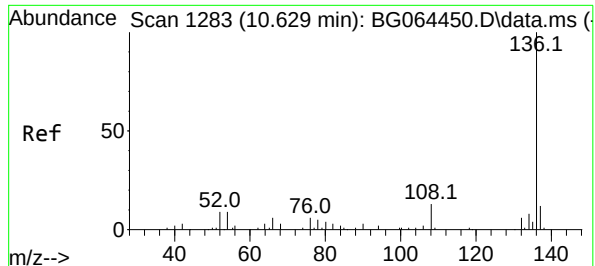
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.333 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 70 Resp: 3440
Ion Ratio Lower Upper
70 100
42 107.0 65.6 98.4#
101 15.1 7.7 11.5#
130 21.2 14.1 21.1#





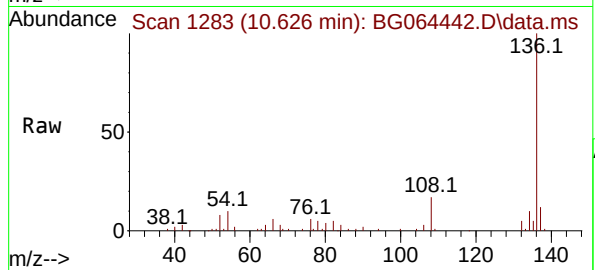
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



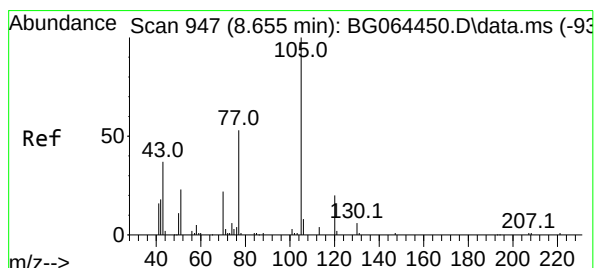
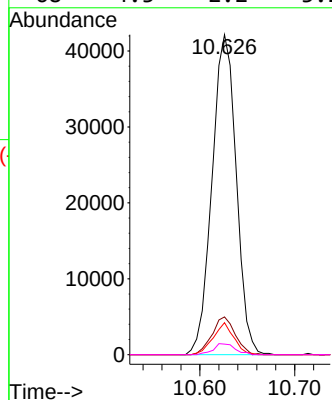
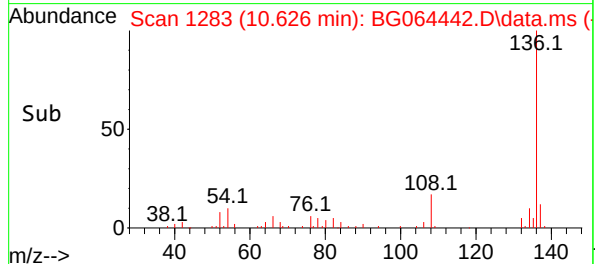
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	10.0	7.4	11.2
68	4.3	2.2	3.2

Manual Integrations

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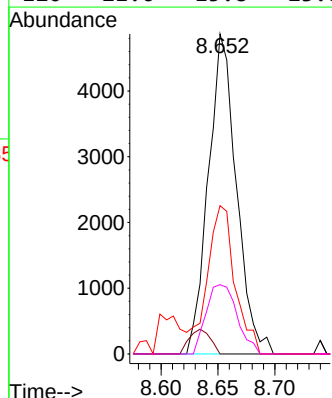
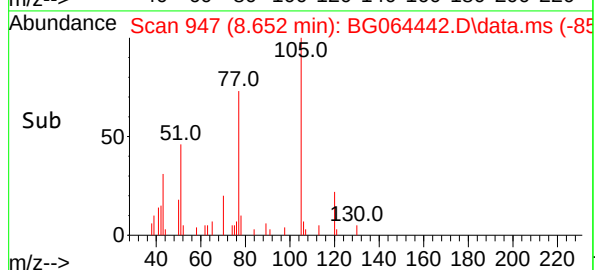
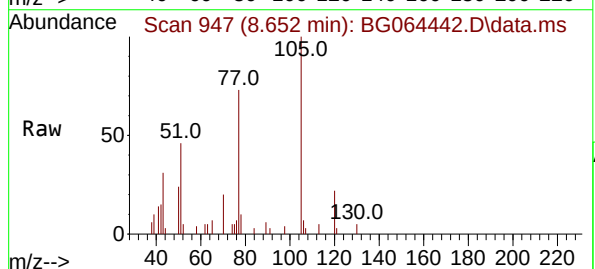
Reviewed By :Rahul Chavli 10/03/2025

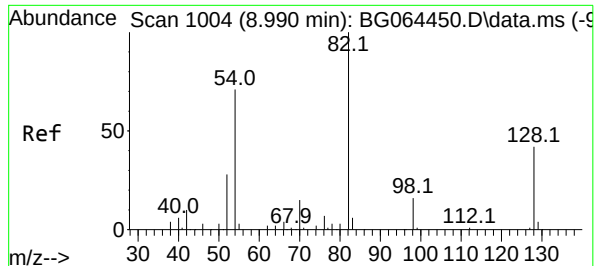
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 4.663 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.5	3.7
51	46.3	29.0	43.6
120	21.6	15.8	23.8





#23

Nitrobenzene-d5

Concen: 9.534 ng

RT: 8.993 min Scan# 1004

Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

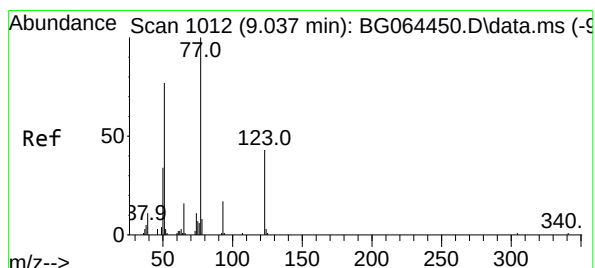
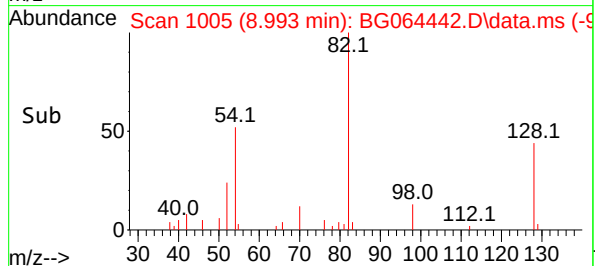
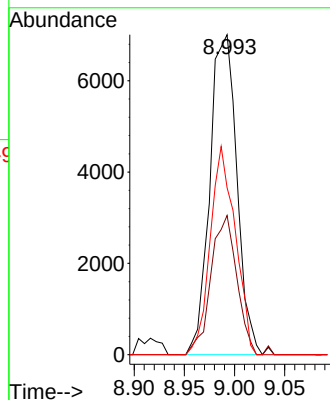
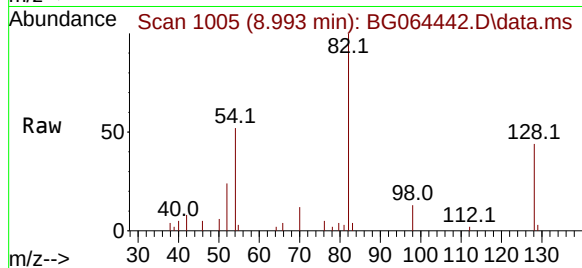
Tgt Ion:	82	Resp:	1316
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.7	50.5
54	52.2	57.0	85.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 4.371 ng

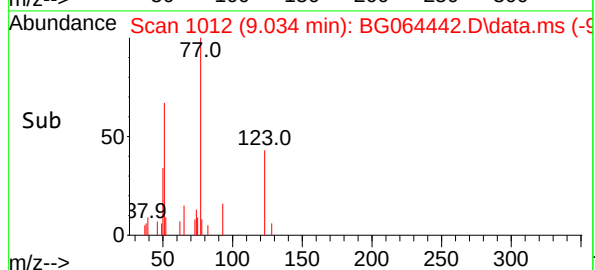
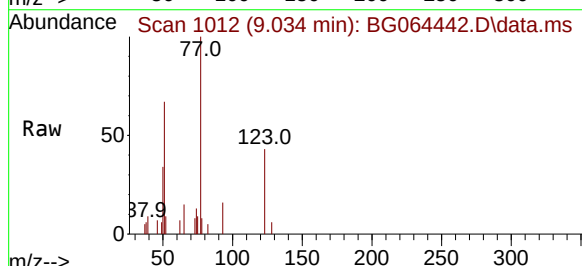
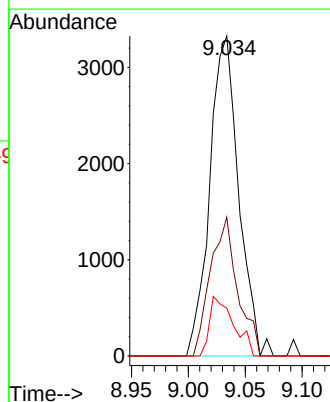
RT: 9.034 min Scan# 1012

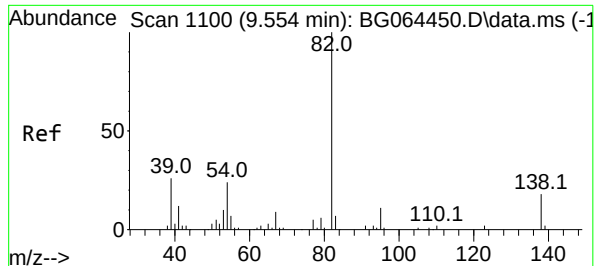
Delta R.T. -0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Tgt Ion:	77	Resp:	5890
Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.7	52.1
65	14.9	12.8	19.2





#25

Isophorone

Concen: 5.135 ng

RT: 9.557 min Scan# 1100

Delta R.T. 0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

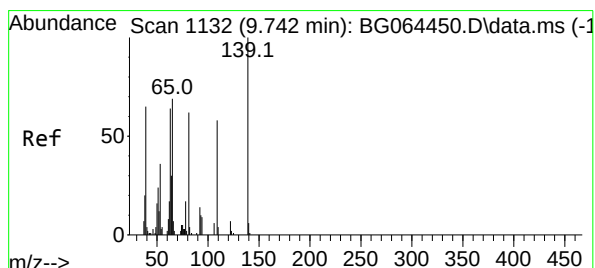
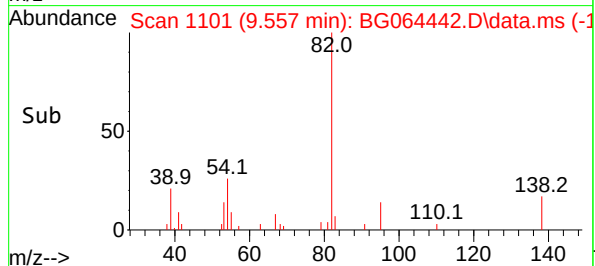
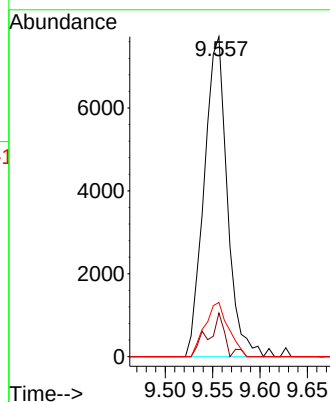
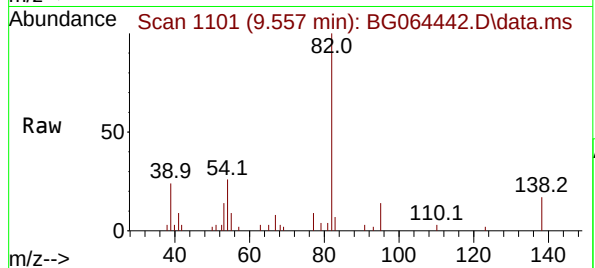
Tgt Ion:	82	Resp:	13110
Ion Ratio	Lower	Upper	
82	100		
95	13.6	8.5	12.7
138	17.0	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 4.817 ng

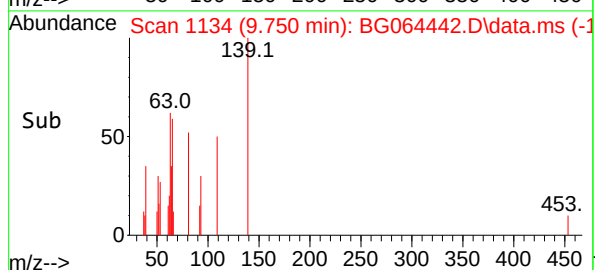
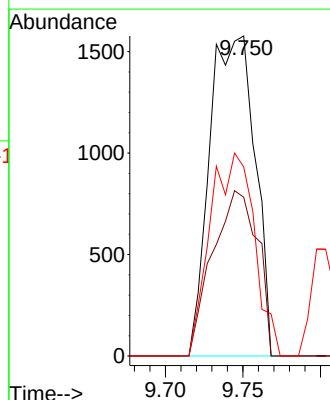
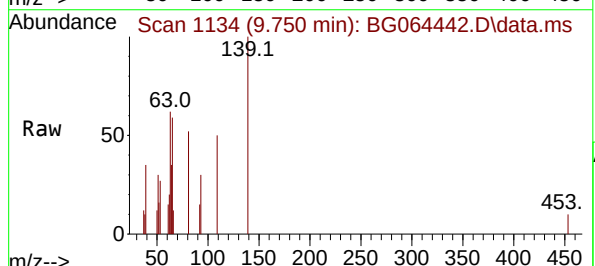
RT: 9.750 min Scan# 1134

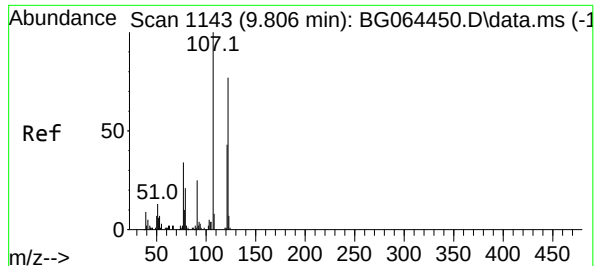
Delta R.T. 0.009 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Tgt Ion:	139	Resp:	3195
Ion Ratio	Lower	Upper	
139	100		
109	49.6	46.6	70.0
65	59.0	54.9	82.3





#27

2,4-Dimethylphenol

Concen: 4.735 ng

RT: 9.803 min Scan# 1143

Delta R.T. -0.003 min

Lab File: BG064442.D

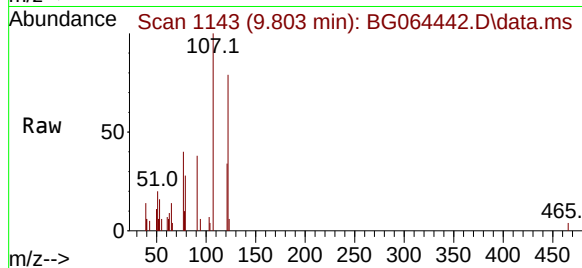
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:122 Resp: 506

Ion Ratio Lower Upper

122 100

107 127.3 102.6 153.8

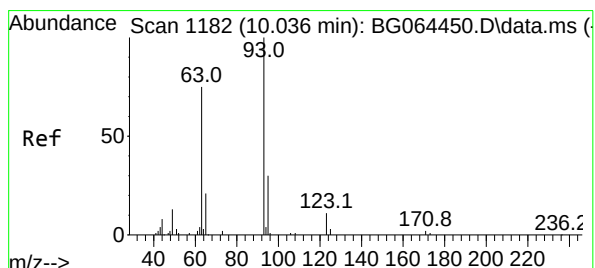
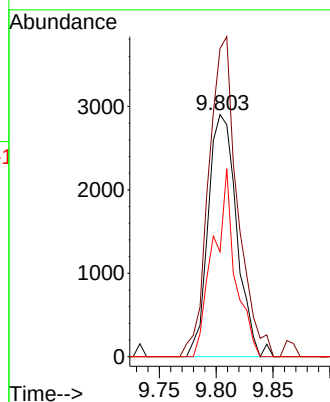
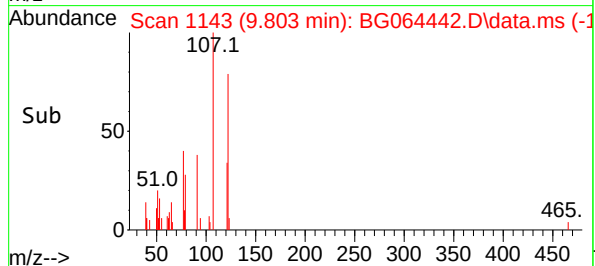
121 43.4 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.111 ng

RT: 10.033 min Scan# 1182

Delta R.T. -0.003 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

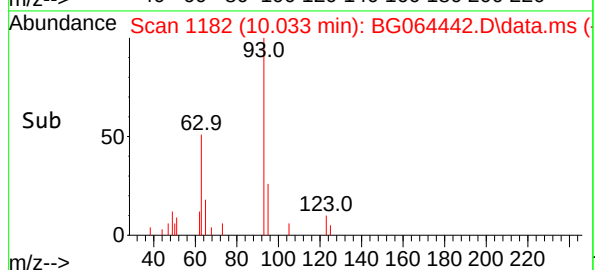
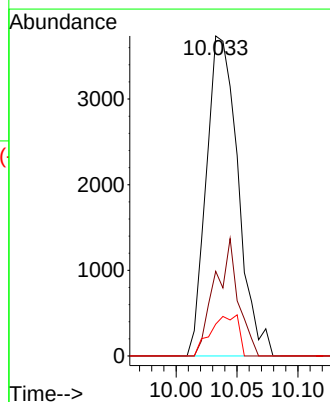
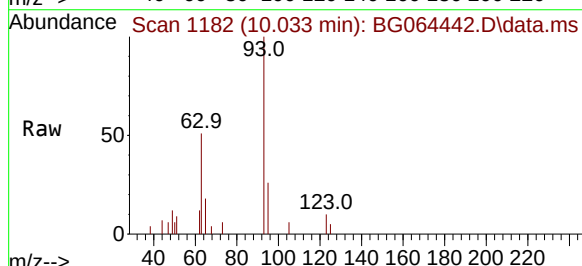
Tgt Ion: 93 Resp: 6744

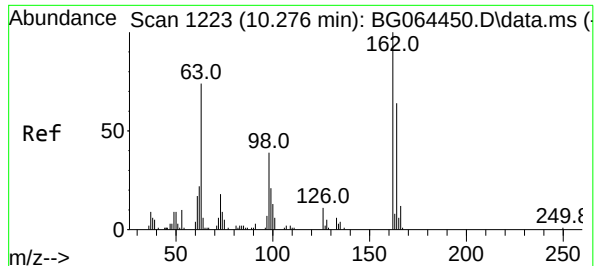
Ion Ratio Lower Upper

93 100

95 26.5 24.0 36.0

123 10.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 5.128 ng

RT: 10.285 min Scan# 1

Delta R.T. 0.009 min

Lab File: BG064442.D

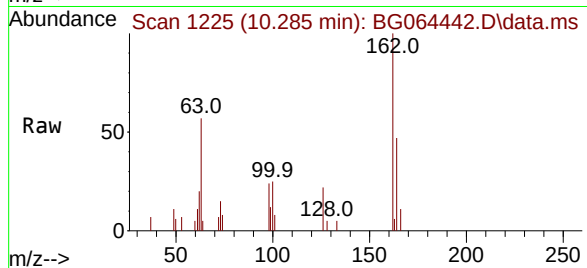
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC005



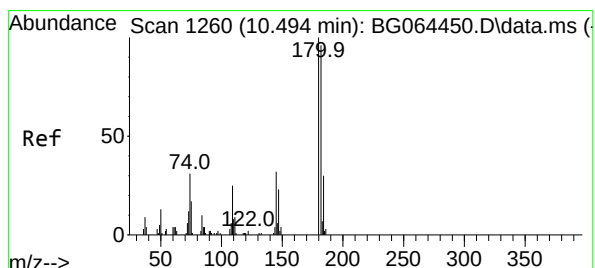
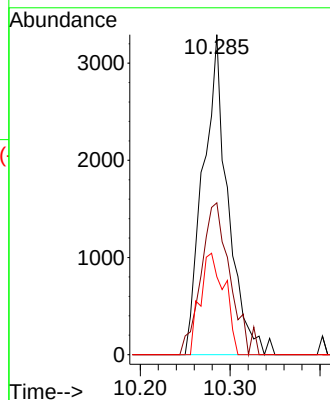
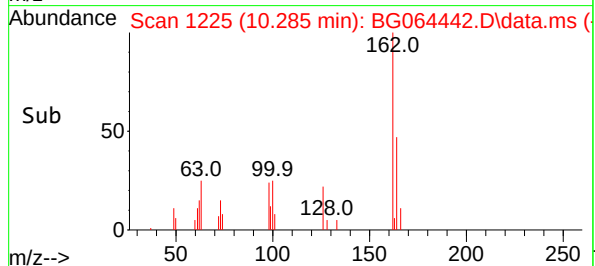
Tgt Ion:	162	Resp:	6314
Ion	Ratio	Lower	Upper
162	100		
164	47.5	43.7	83.7
98	24.3	19.2	59.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

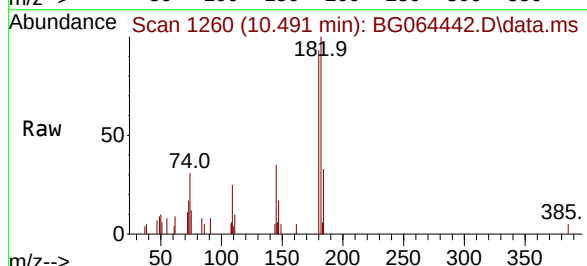
Concen: 4.648 ng

RT: 10.491 min Scan# 1260

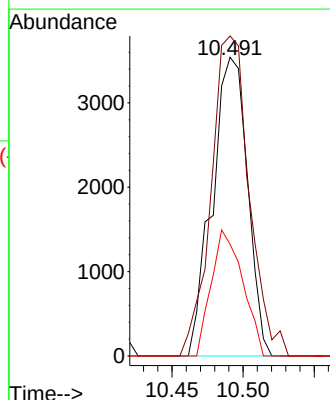
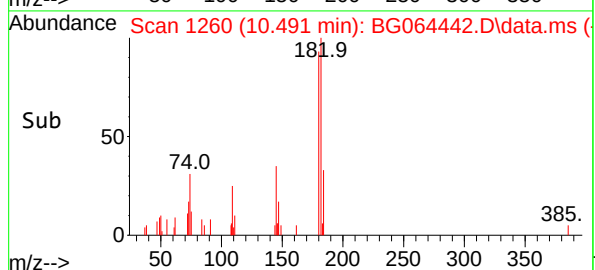
Delta R.T. -0.003 min

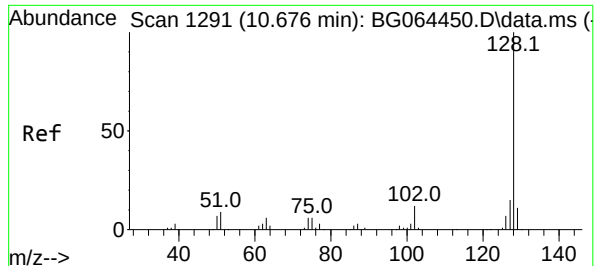
Lab File: BG064442.D

Acq: 25 Sep 2025 12:37



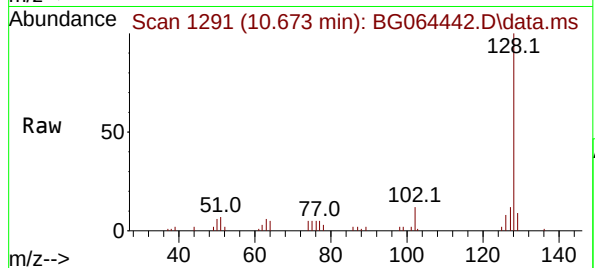
Tgt Ion:	180	Resp:	6121
Ion	Ratio	Lower	Upper
180	100		
182	107.1	77.0	115.4
145	37.3	25.4	38.2





#31
Naphthalene
Concen: 4.997 ng
RT: 10.673 min Scan# 1291
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

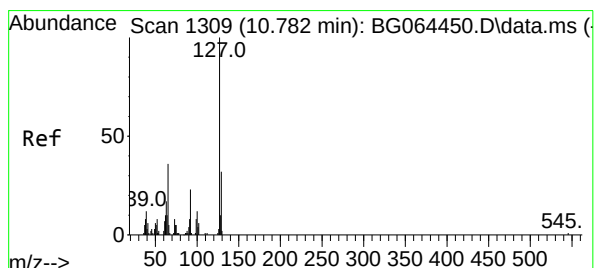
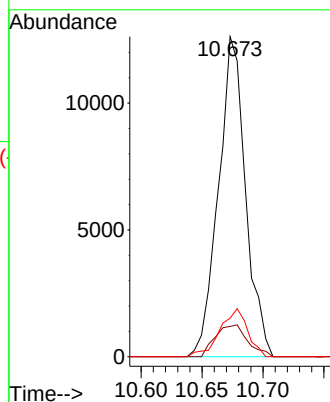
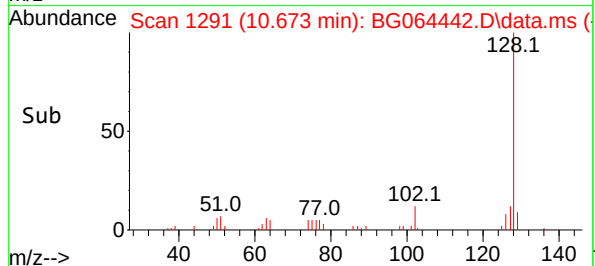
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



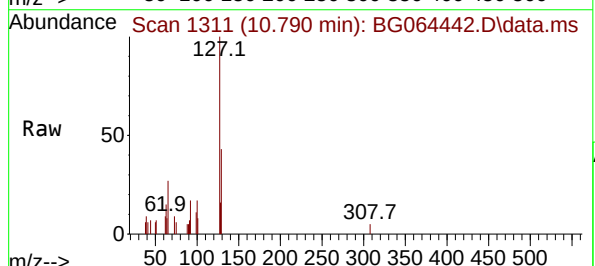
Tgt Ion:128 Resp: 19519
Ion Ratio Lower Upper
128 100
129 9.5 9.2 13.8
127 12.0 12.1 18.1

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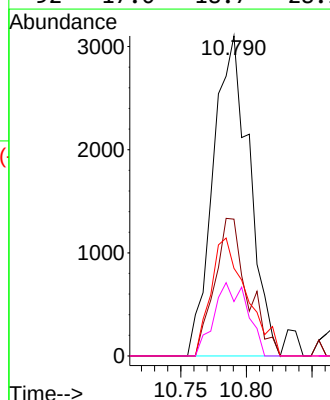
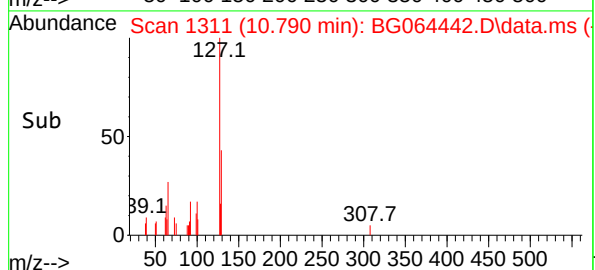
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

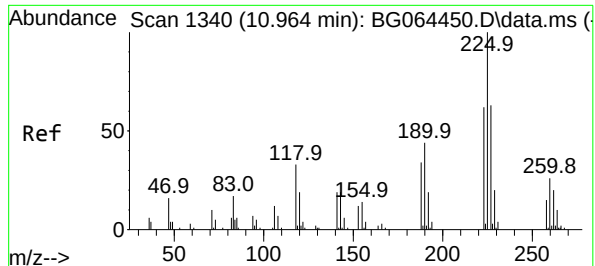


#33
4-Chloroaniline
Concen: 4.157 ng
RT: 10.790 min Scan# 1311
Delta R.T. 0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



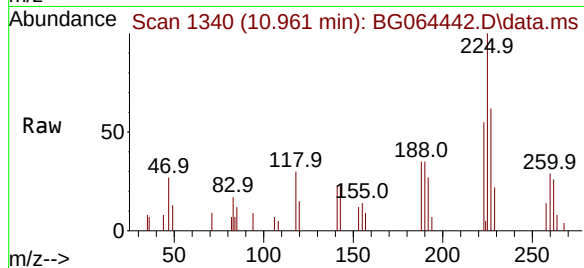
Tgt Ion:127 Resp: 5940
Ion Ratio Lower Upper
127 100
129 42.8 25.7 38.5#
65 27.4 28.6 43.0#
92 17.0 18.7 28.1#





#34
Hexachlorobutadiene
Concen: 5.041 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

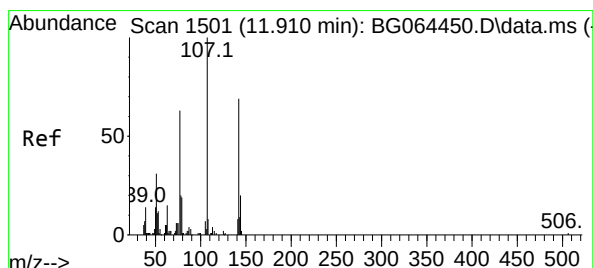
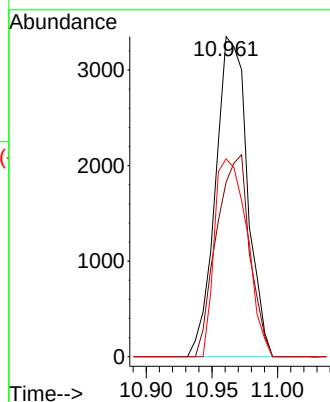
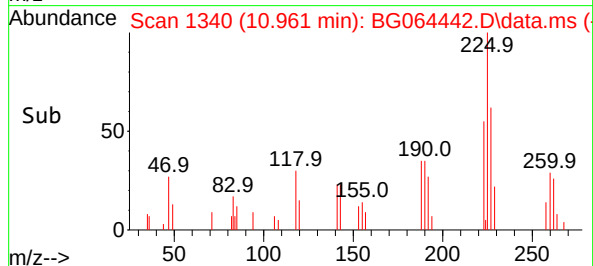
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:225 Resp: 565
Ion Ratio Lower Upper
225 100
223 54.6 49.4 74.2
227 61.8 50.0 75.0

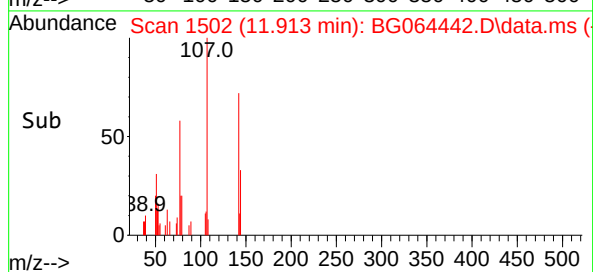
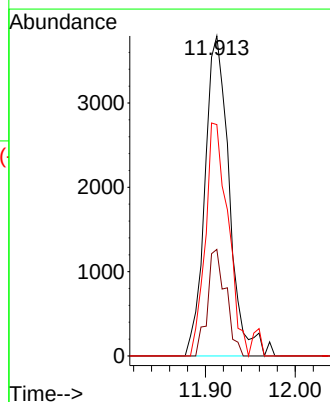
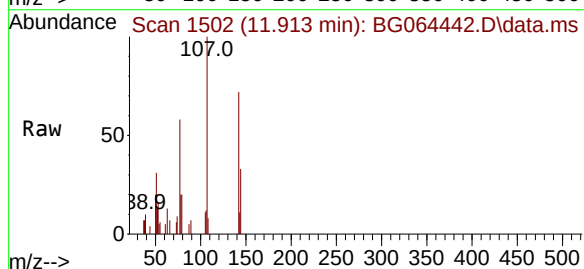
Manual Integrations
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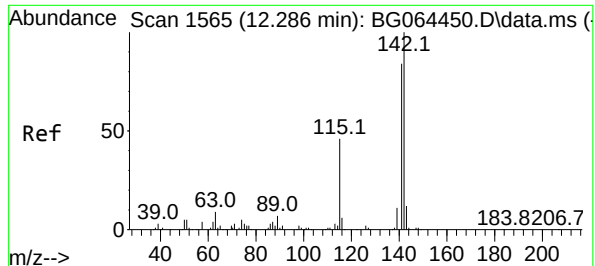
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 4.895 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

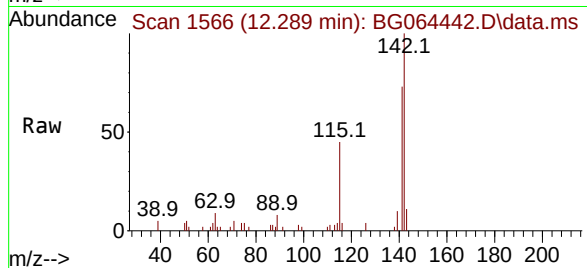
Tgt Ion:107 Resp: 7144
Ion Ratio Lower Upper
107 100
144 33.3 16.3 24.5#
142 72.3 55.5 83.3





#37
2-Methylnaphthalene
Concen: 4.997 ng
RT: 12.289 min Scan# 1565
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

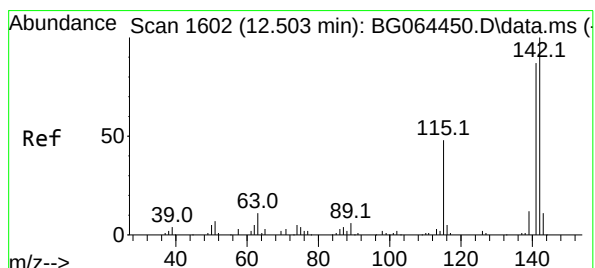
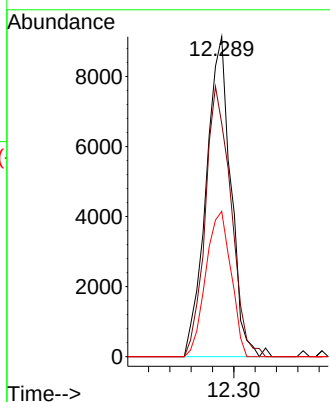
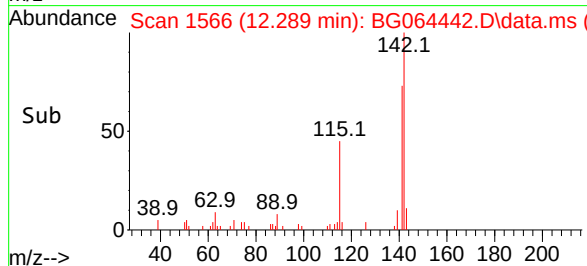
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



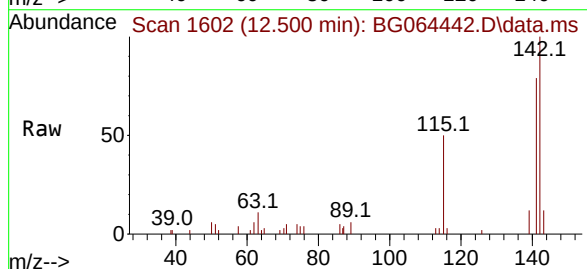
Tgt Ion:142 Resp: 1473
Ion Ratio Lower Upper
142 100
141 72.9 67.3 100.9
115 45.4 37.0 55.4

Manual Integrations
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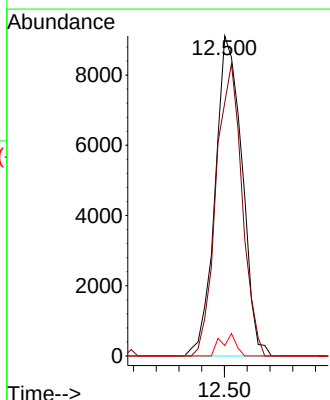
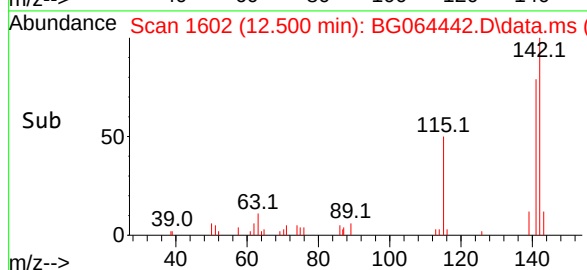
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

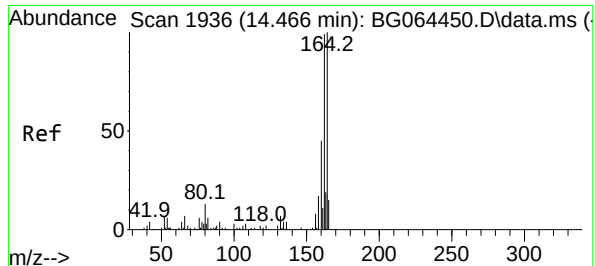


#38
1-Methylnaphthalene
Concen: 5.158 ng
RT: 12.500 min Scan# 1602
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



Tgt Ion:142 Resp: 14946
Ion Ratio Lower Upper
142 100
141 79.2 69.2 103.8
116 3.2 4.2 6.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.003 min

Lab File: BG064442.D

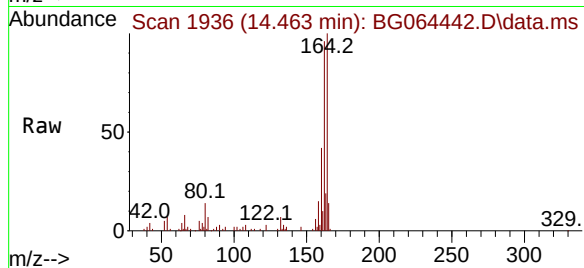
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

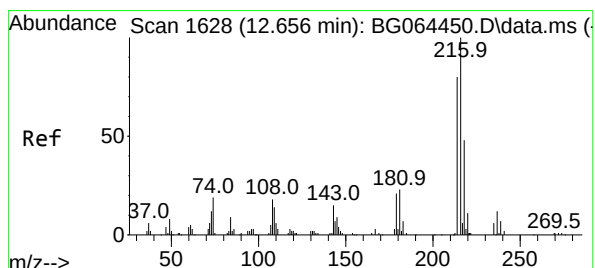
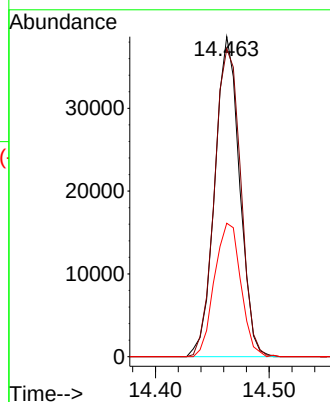
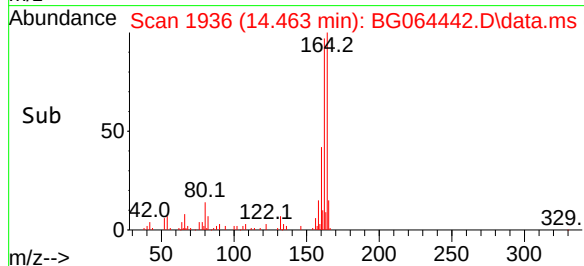


Tgt Ion:	164	Resp:	5851
Ion Ratio	Lower	Upper	
164	100		
162	96.2	79.0	118.4
160	41.7	36.3	54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

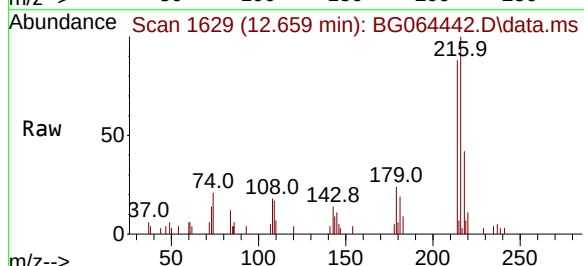
Concen: 4.647 ng

RT: 12.659 min Scan# 1629

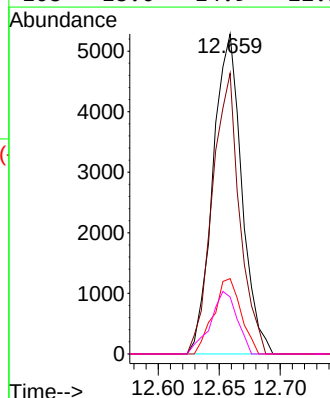
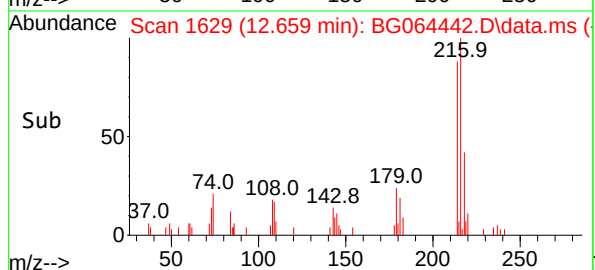
Delta R.T. 0.003 min

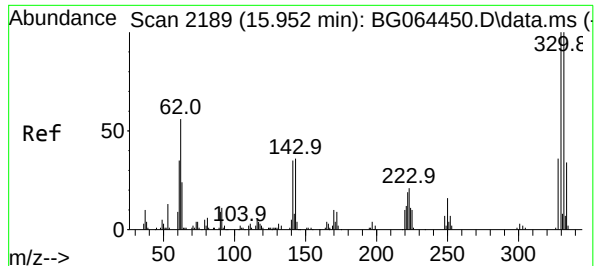
Lab File: BG064442.D

Acq: 25 Sep 2025 12:37



Tgt Ion:	216	Resp:	8665
Ion Ratio	Lower	Upper	
216	100		
214	83.0	63.1	94.7
179	22.4	17.4	26.2
108	18.0	14.9	22.3





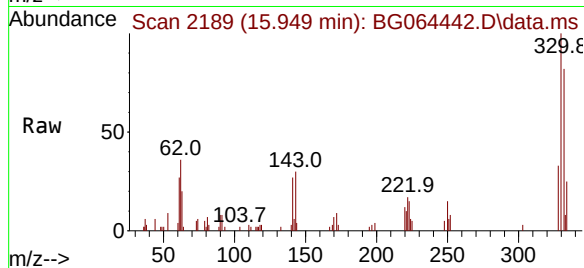
#42
2,4,6-Tribromophenol
Concen: 10.140 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

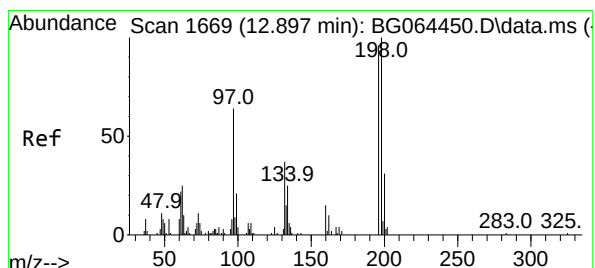
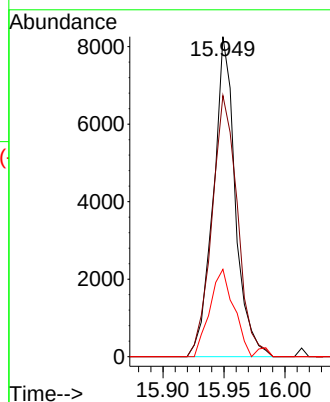
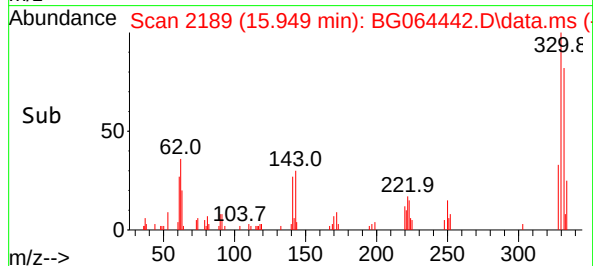


Tgt Ion:330 Resp: 1035
Ion Ratio Lower Upper
330 100
332 94.6 78.8 118.2
141 31.4 27.3 40.9

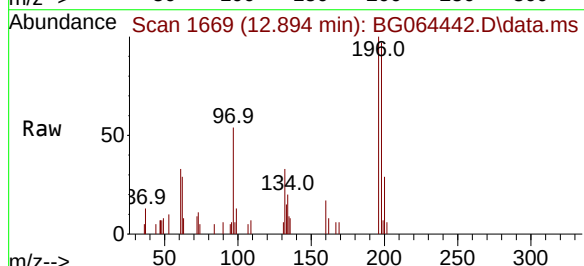
Manual Integrations

APPROVED

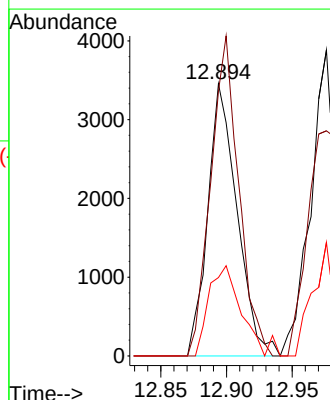
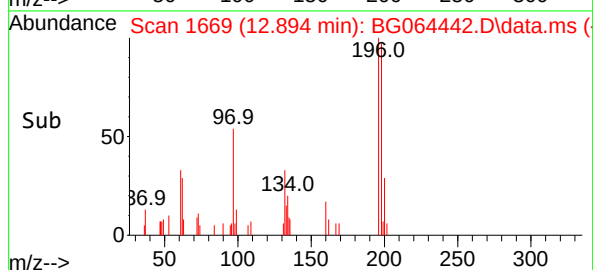
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

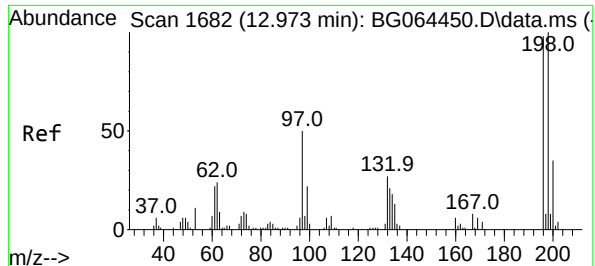


#43
2,4,6-Trichlorophenol
Concen: 4.421 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



Tgt Ion:196 Resp: 5378
Ion Ratio Lower Upper
196 100
198 97.3 83.8 125.6
200 28.8 26.1 39.1





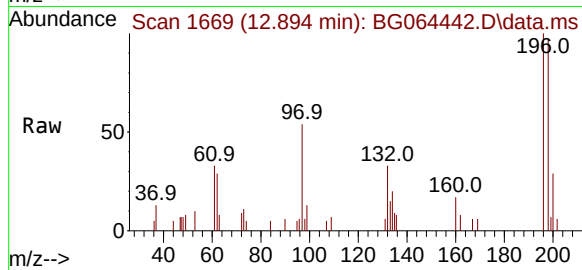
#44
2,4,5-Trichlorophenol
Concen: 3.988 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.079 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



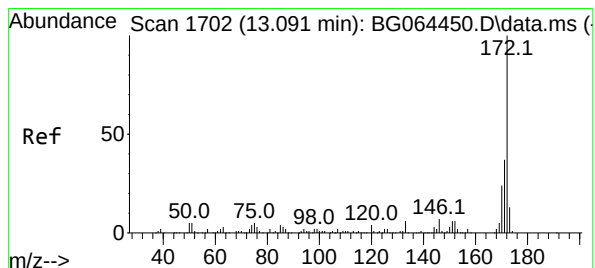
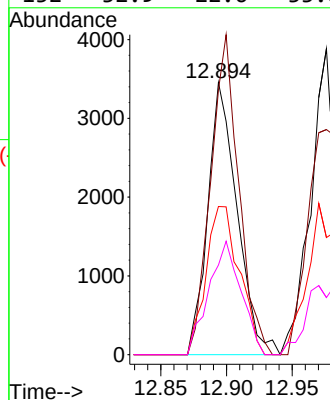
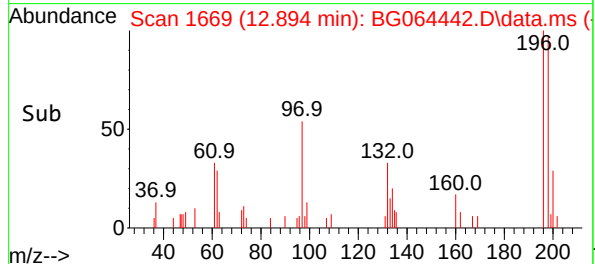
Tgt Ion:196 Resp: 5378
Ion Ratio Lower Upper
196 100
198 97.3 80.9 121.3
97 54.5 40.5 60.7
132 32.9 22.6 33.8

Manual Integrations

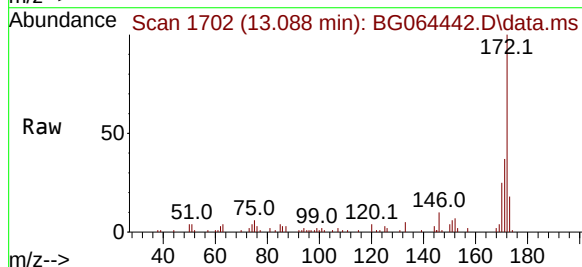
APPROVED

Reviewed By :Rahul Chavli 10/03/2025

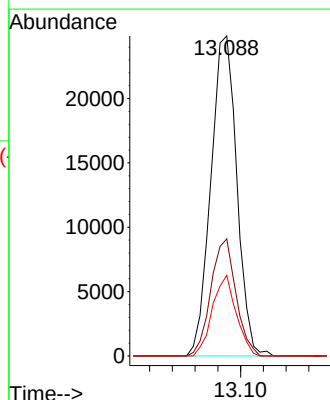
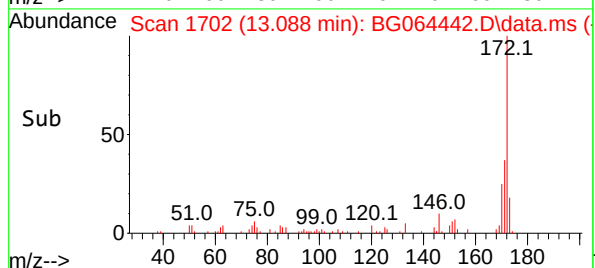
Supervised By :Jagrut Upadhyay 10/03/2025

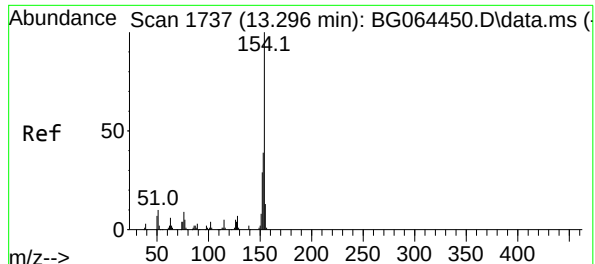


#45
2-Fluorobiphenyl
Concen: 9.960 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



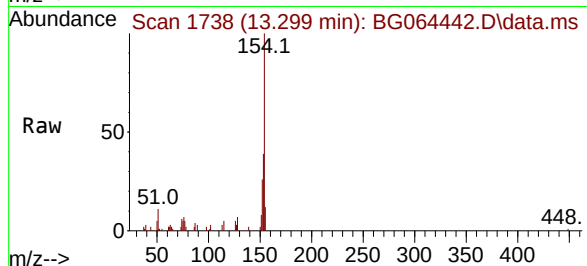
Tgt Ion:172 Resp: 39466
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 25.2 18.9 28.3





#46
1,1'-Biphenyl
Concen: 4.702 ng
RT: 13.299 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

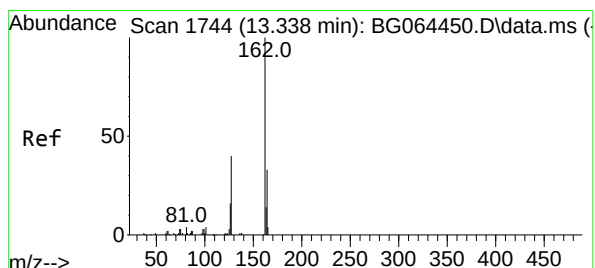
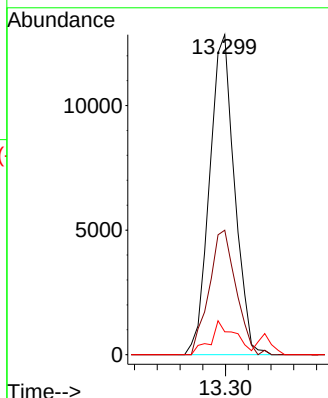
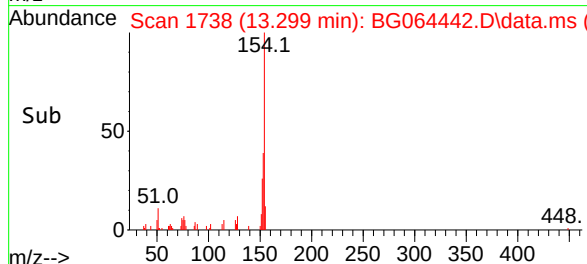
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 19569
Ion Ratio Lower Upper
154 100
153 38.9 18.8 58.8
76 7.1 0.0 28.8

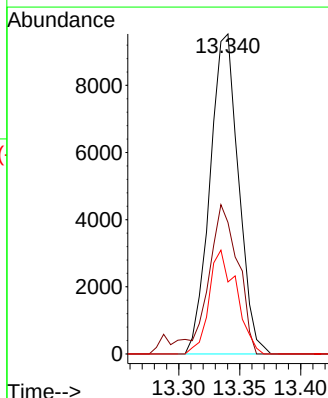
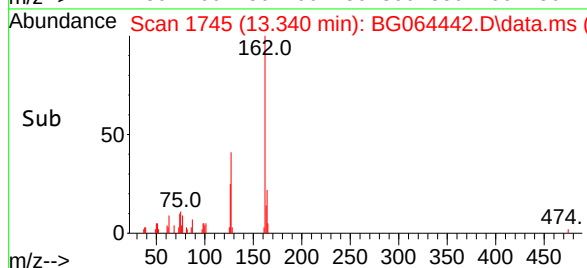
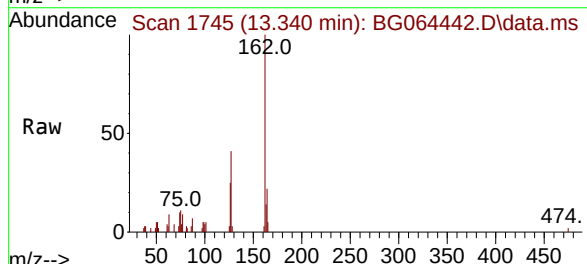
Manual Integrations
APPROVED

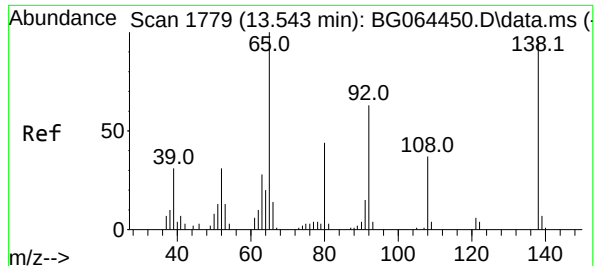
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#47
2-Chloronaphthalene
Concen: 4.912 ng
RT: 13.340 min Scan# 1745
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

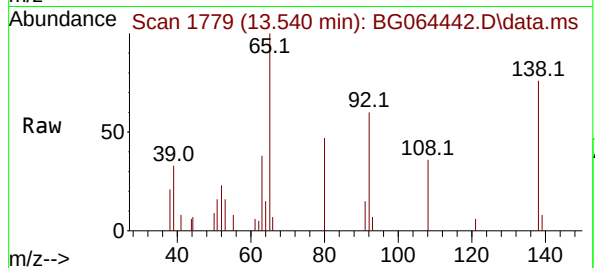
Tgt Ion:162 Resp: 15539
Ion Ratio Lower Upper
162 100
127 41.1 36.2 54.4
164 22.5 26.2 39.2#





#48
2-Nitroaniline
Concen: 4.080 ng
RT: 13.540 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

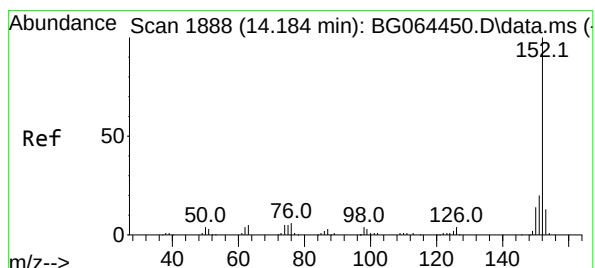
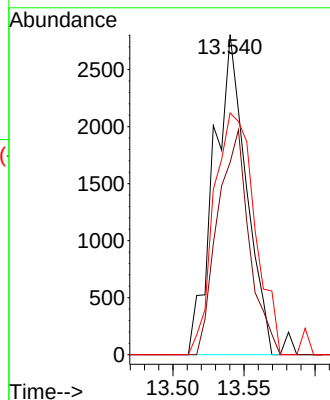
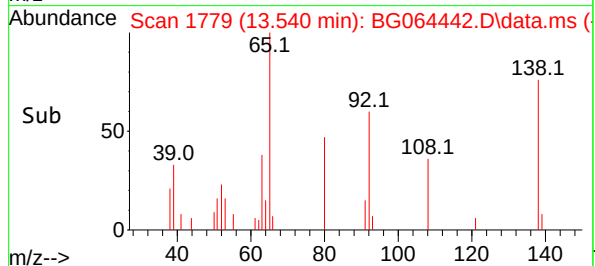
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 4430
Ion Ratio Lower Upper
65 100
92 60.1 50.6 75.8
138 75.6 76.4 114.6

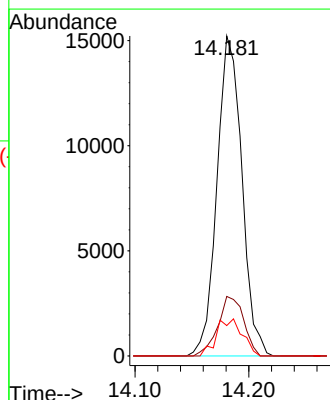
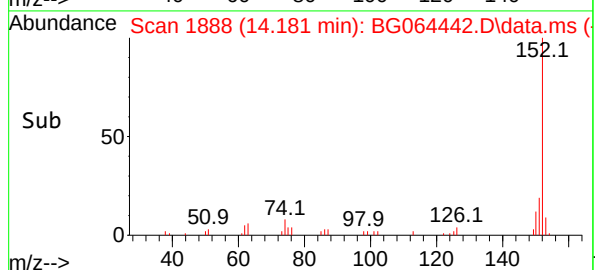
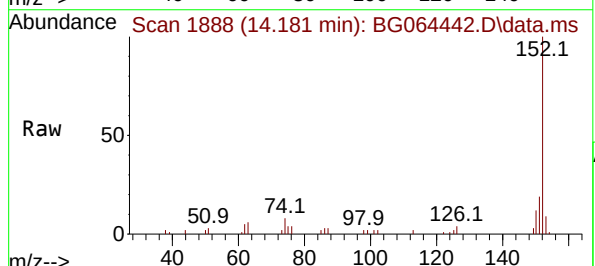
Manual Integrations
APPROVED

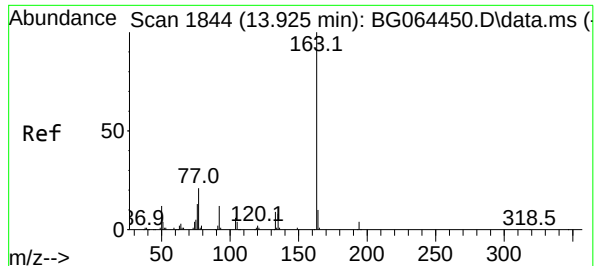
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#49
Acenaphthylene
Concen: 4.928 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

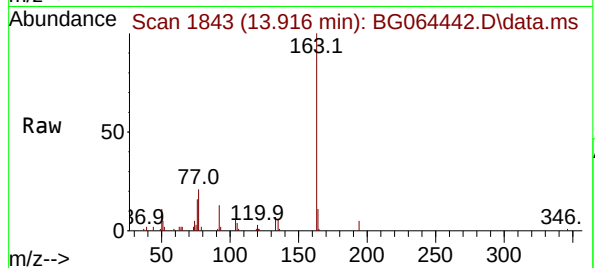
Tgt Ion:152 Resp: 23145
Ion Ratio Lower Upper
152 100
151 18.6 16.3 24.5
153 9.5 10.6 16.0





#50
Dimethylphthalate
Concen: 5.152 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

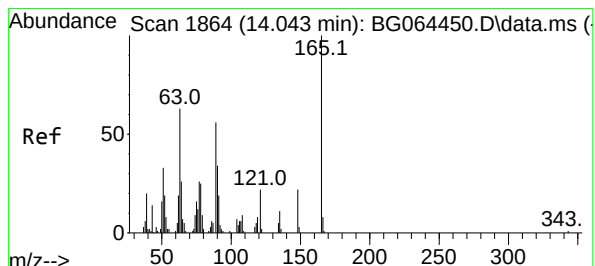
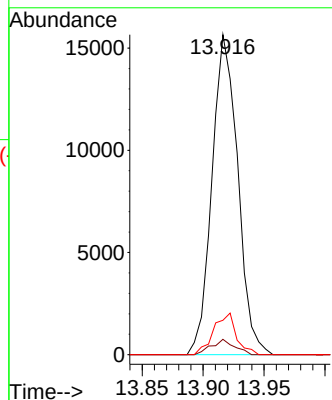
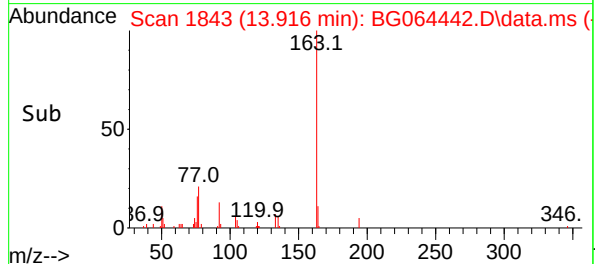
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:163 Resp: 23028
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4
164 10.7 8.2 12.2

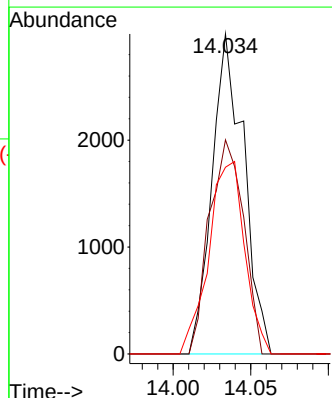
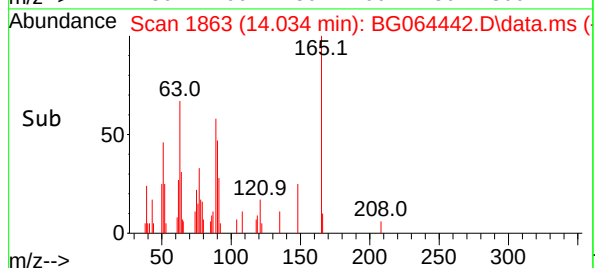
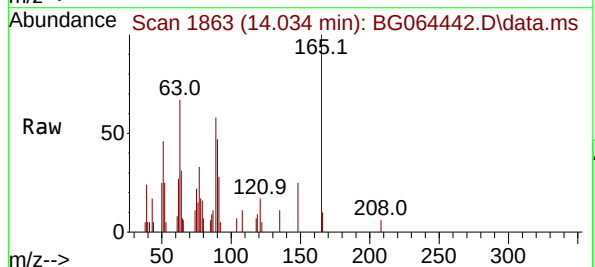
Manual Integrations
APPROVED

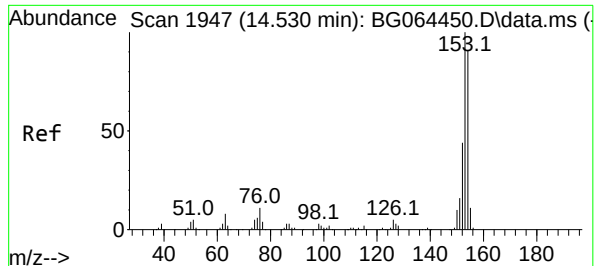
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#51
2,6-Dinitrotoluene
Concen: 4.535 ng
RT: 14.034 min Scan# 1863
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

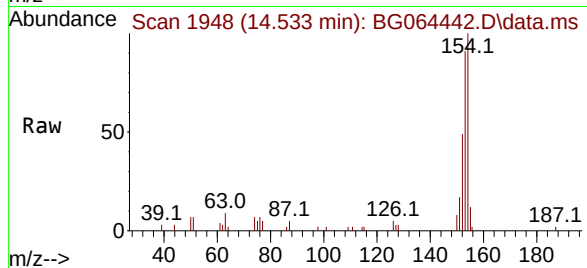
Tgt Ion:165 Resp: 4258
Ion Ratio Lower Upper
165 100
63 66.9 50.6 75.8
89 58.4 44.6 67.0





#52
Acenaphthene
Concen: 4.752 ng
RT: 14.533 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

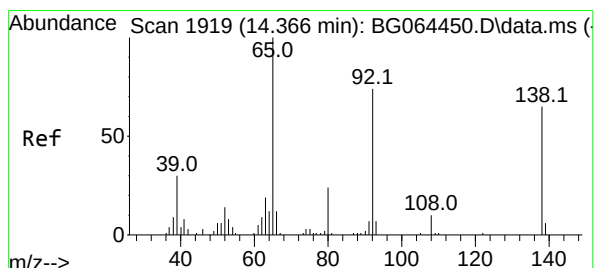
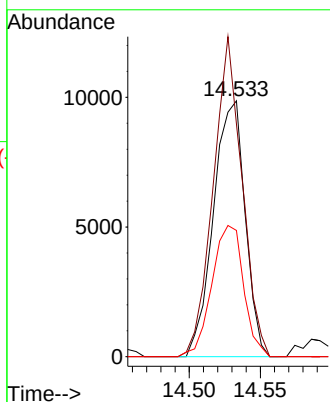
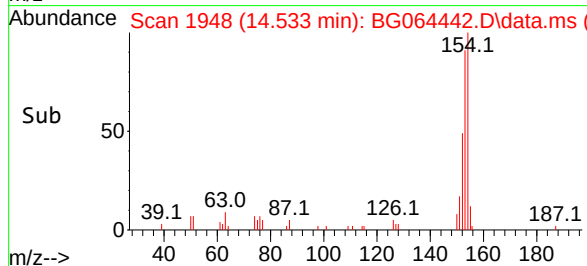
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 15274
Ion Ratio Lower Upper
154 100
153 91.0 88.1 132.1
152 49.3 39.0 58.4

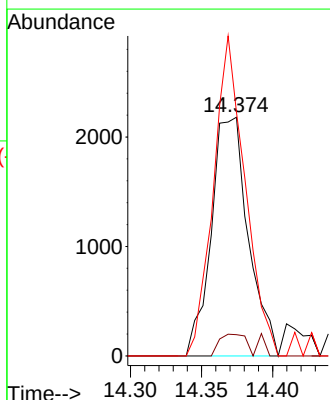
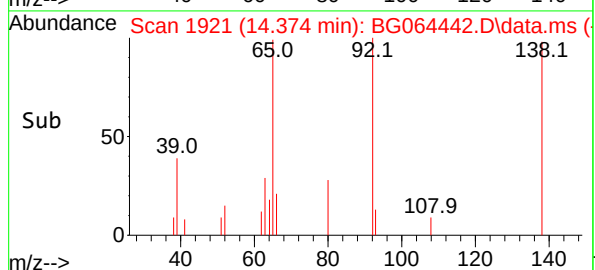
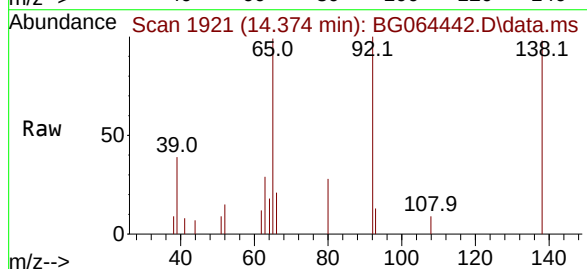
Manual Integrations
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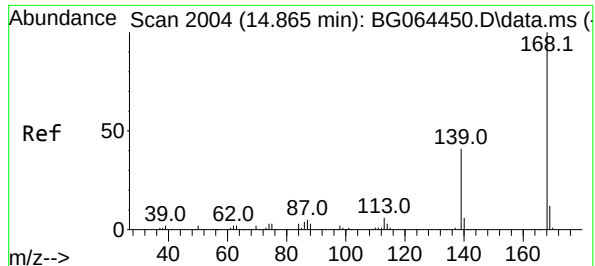
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#53
3-Nitroaniline
Concen: 4.443 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

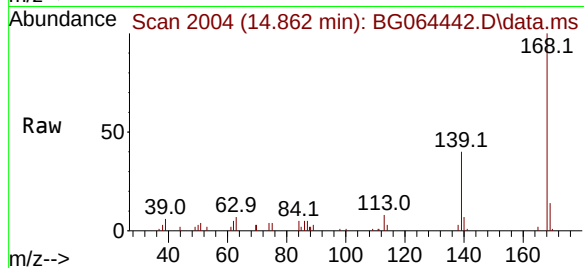
Tgt Ion:138 Resp: 3953
Ion Ratio Lower Upper
138 100
108 8.9 12.4 18.6#
92 102.2 91.0 136.6





#55
Dibenzenofuran
Concen: 5.121 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

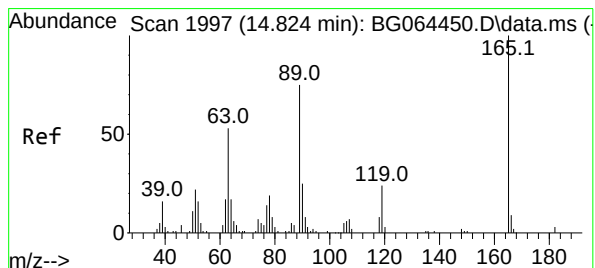
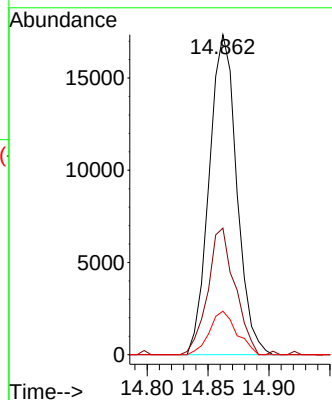
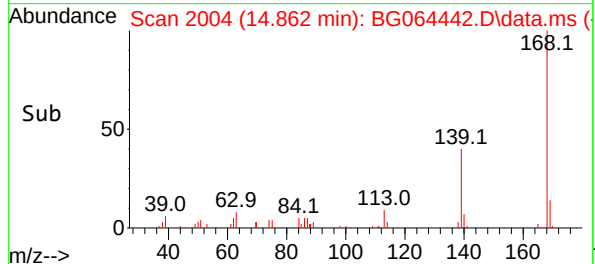
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:168 Resp: 2728
Ion Ratio Lower Upper
168 100
139 39.5 33.3 49.9
169 13.6 9.9 14.9

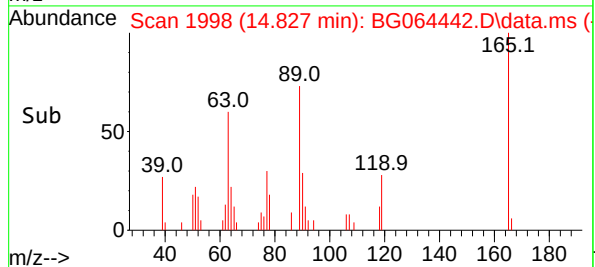
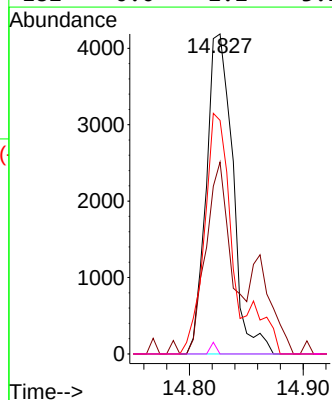
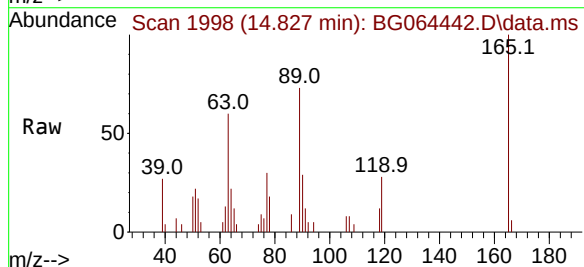
Manual Integrations
APPROVED

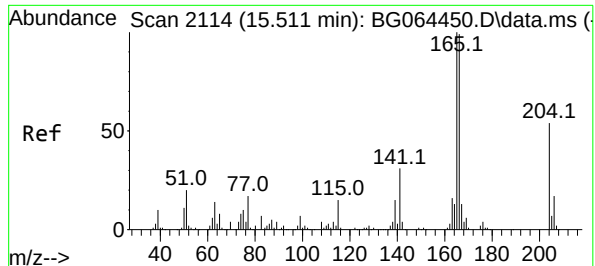
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#57
2,4-Dinitrotoluene
Concen: 4.728 ng
RT: 14.827 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

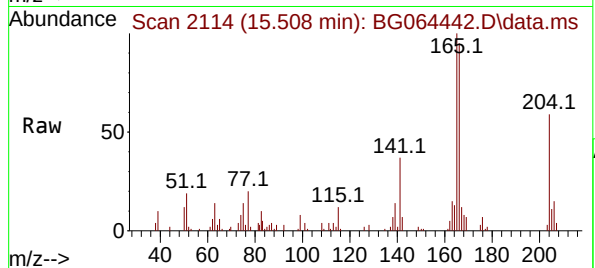
Tgt Ion:165 Resp: 6776
Ion Ratio Lower Upper
165 100
63 59.9 42.6 63.8
89 73.0 59.7 89.5
182 0.0 2.2 3.2#





#58
Fluorene
Concen: 5.030 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

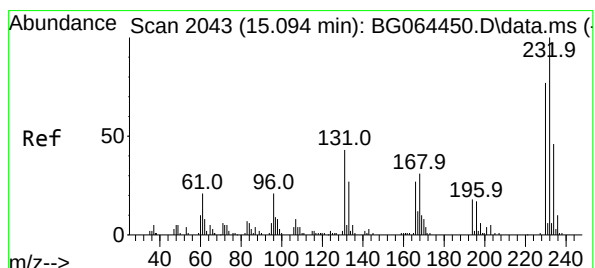
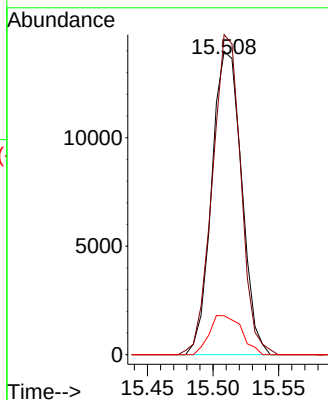
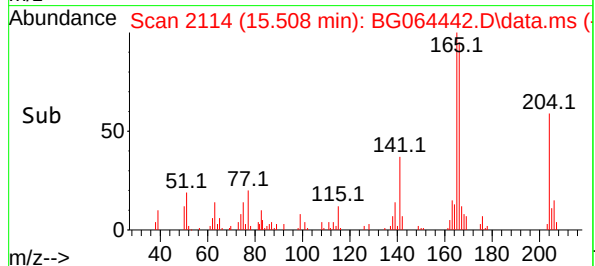
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 22129
Ion Ratio Lower Upper
166 100
165 105.5 81.1 121.7
167 12.9 10.9 16.3

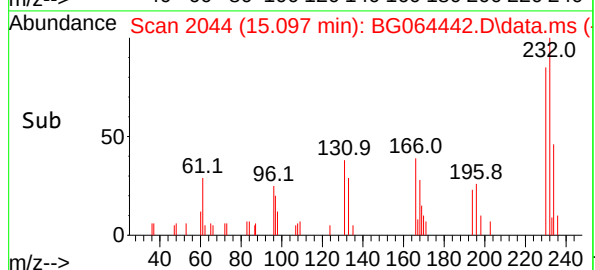
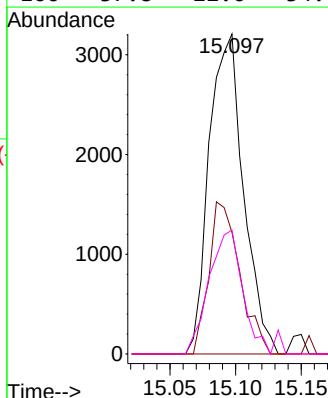
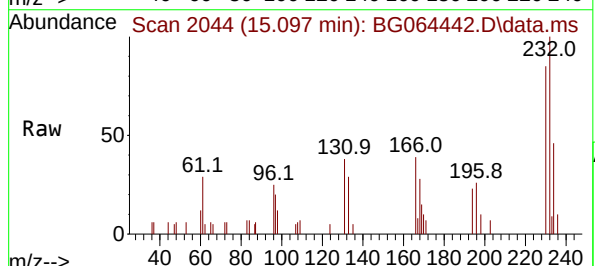
Manual Integrations
APPROVED

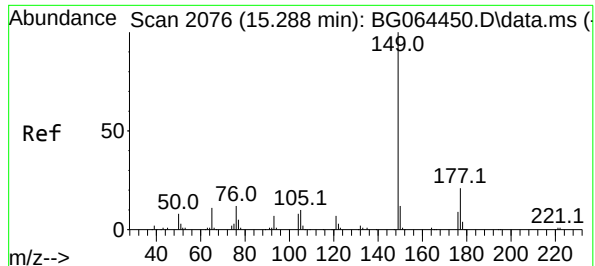
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.418 ng
RT: 15.097 min Scan# 2044
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

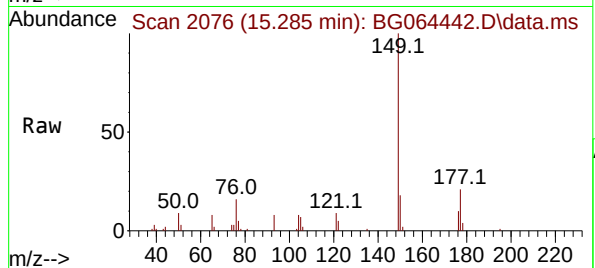
Tgt Ion:232 Resp: 5847
Ion Ratio Lower Upper
232 100
131 42.7 34.3 51.5
130 0.0 2.3 3.5#
166 37.8 22.6 34.0#





#60
Diethylphthalate
Concen: 5.129 ng
RT: 15.285 min Scan# 2076
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

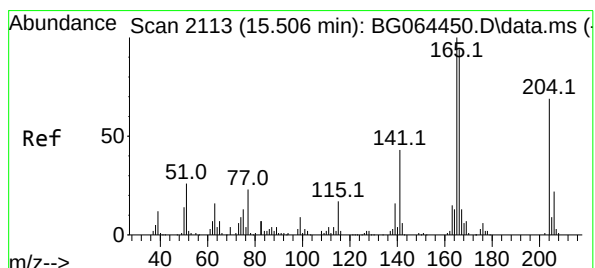
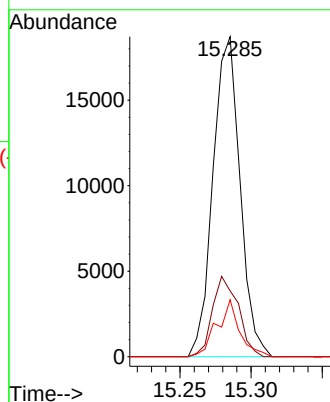
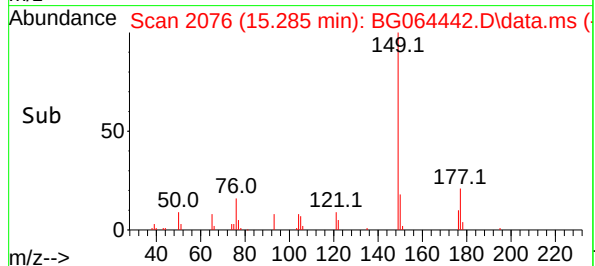
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



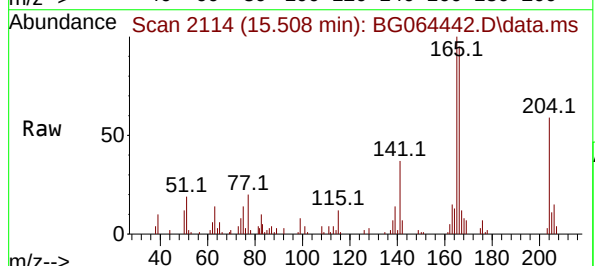
Tgt Ion:149 Resp: 2470
Ion Ratio Lower Upper
149 100
177 20.5 17.1 25.7
150 17.8 9.5 14.3

Manual Integrations
APPROVED

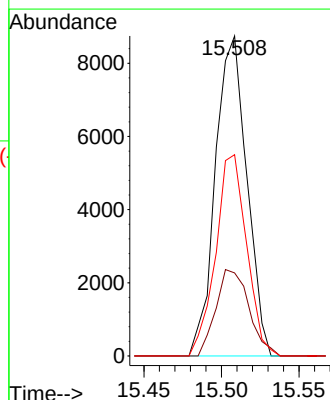
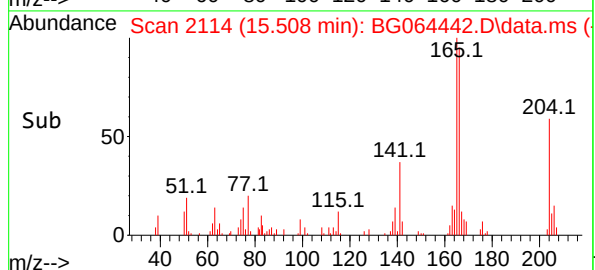
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

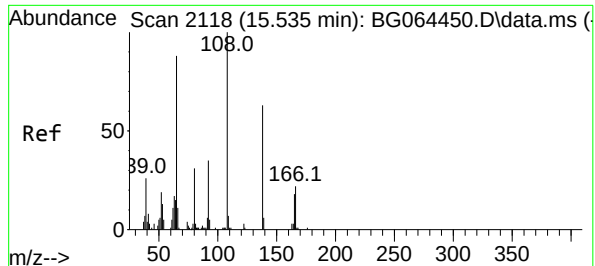


#61
4-Chlorophenyl-phenylether
Concen: 5.129 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



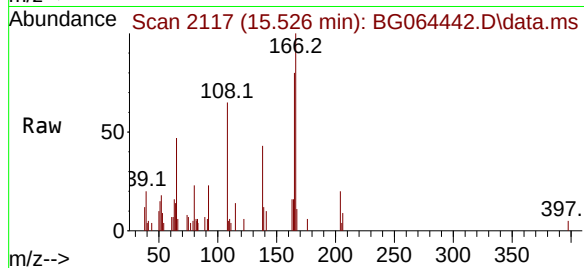
Tgt Ion:204 Resp: 12321
Ion Ratio Lower Upper
204 100
206 26.0 25.0 37.6
141 62.9 49.7 74.5





#62
4-Nitroaniline
Concen: 4.301 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

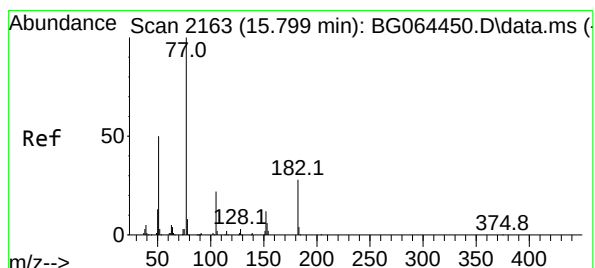
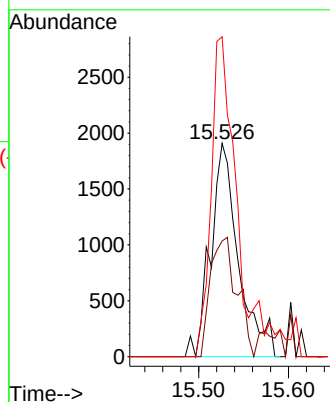
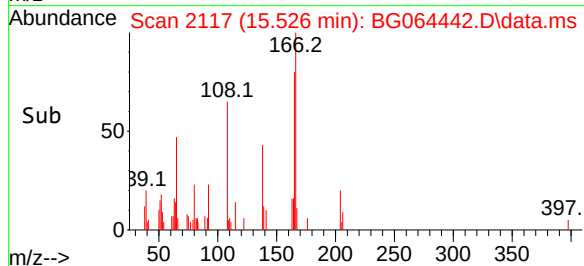
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 410
Ion Ratio Lower Upper
138 100
92 54.2 35.0 75.0
108 150.1 137.5 177.5

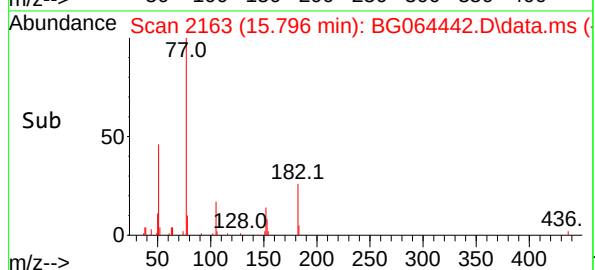
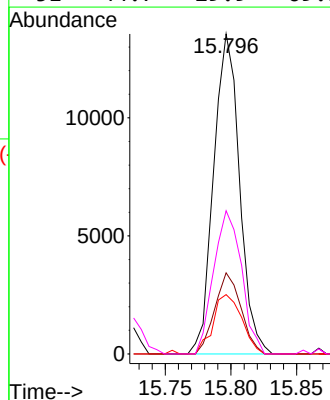
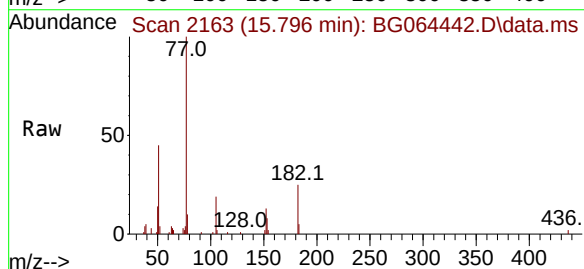
Manual Integrations
APPROVED

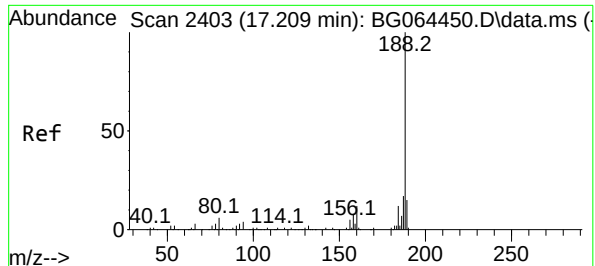
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#63
Azobenzene
Concen: 4.927 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 77 Resp: 18570
Ion Ratio Lower Upper
77 100
182 25.4 8.1 48.1
105 18.6 1.9 41.9
51 44.7 29.9 69.9





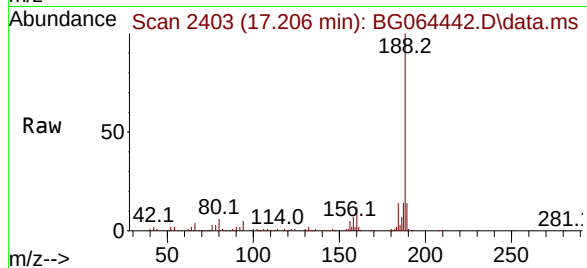
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

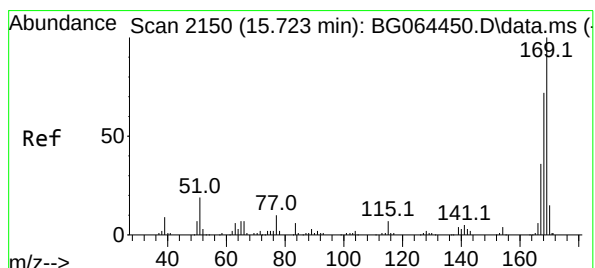
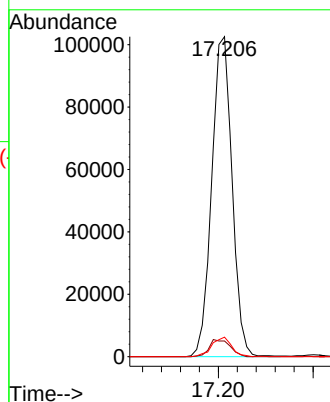
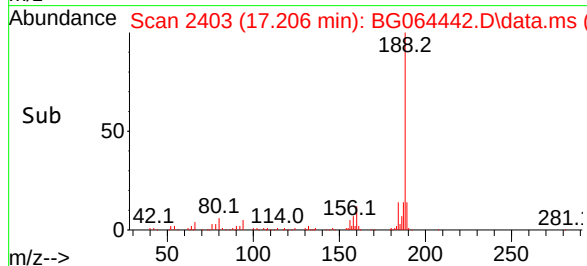


Tgt Ion:188 Resp: 153169
Ion Ratio Lower Upper
188 100
94 4.9 3.0 4.4
80 6.1 4.9 7.3

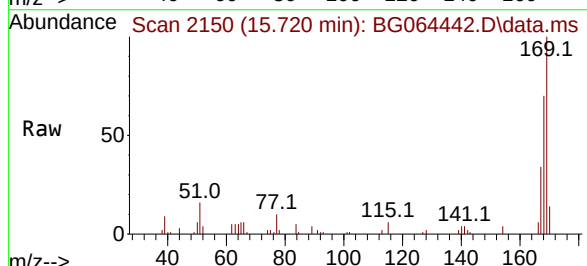
Manual Integrations

APPROVED

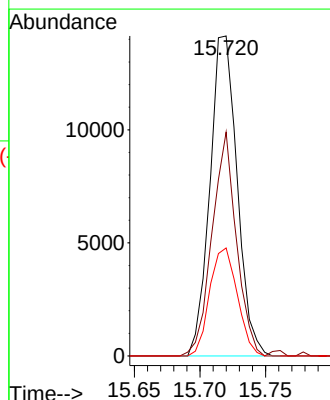
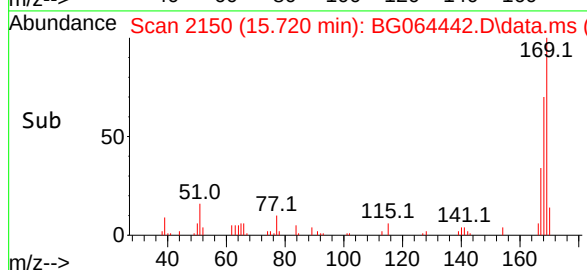
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

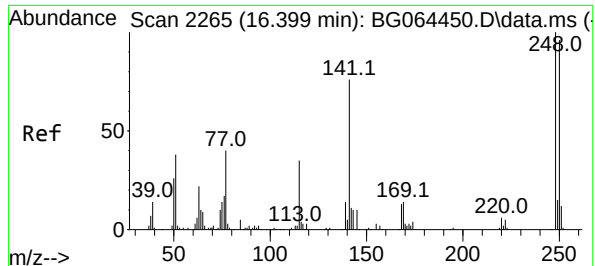


#66
n-Nitrosodiphenylamine
Concen: 5.006 ng
RT: 15.720 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



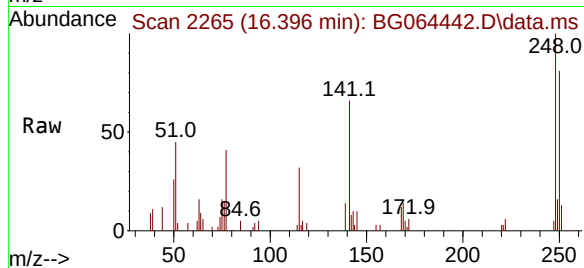
Tgt Ion:169 Resp: 20460
Ion Ratio Lower Upper
169 100
168 70.0 57.7 86.5
167 33.8 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 4.899 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

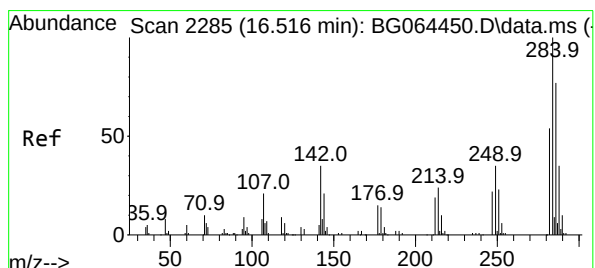
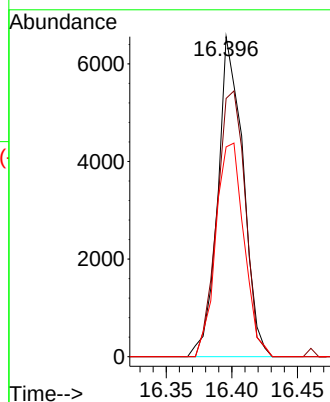
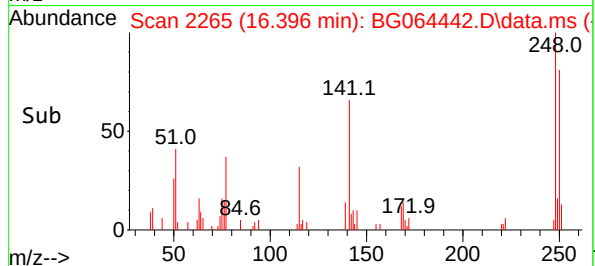
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



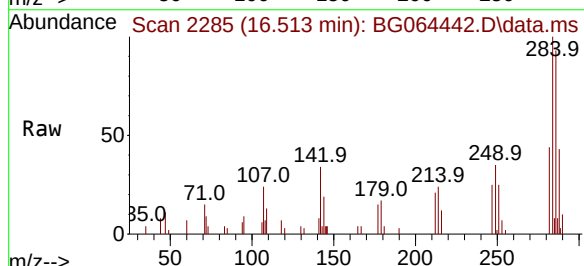
Tgt Ion:248 Resp: 8792
Ion Ratio Lower Upper
248 100
250 80.7 77.0 115.6
141 65.6 61.1 91.7

Manual Integrations
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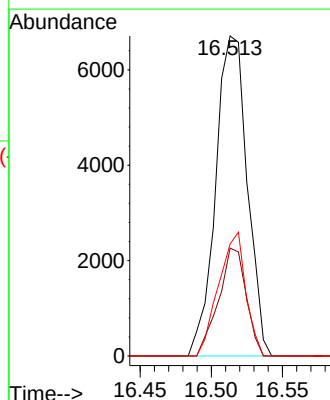
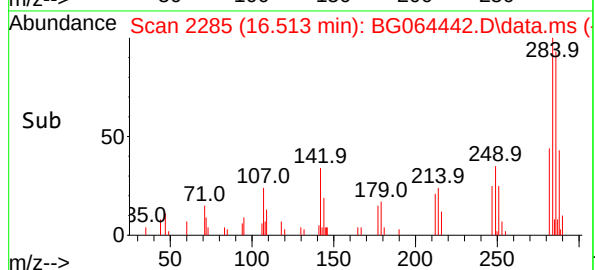
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

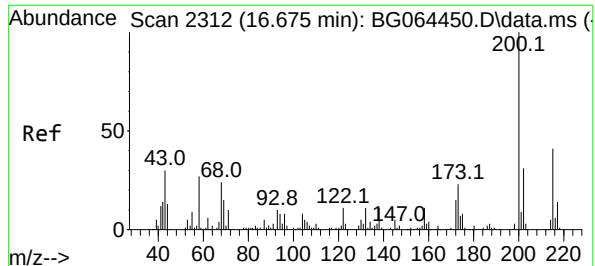


#68
Hexachlorobenzene
Concen: 5.089 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



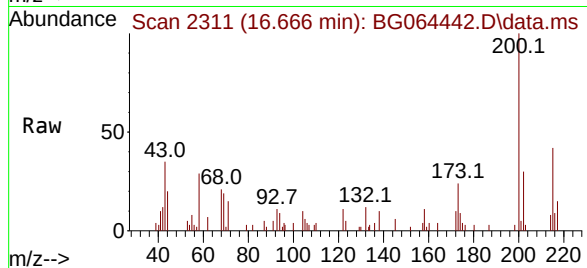
Tgt Ion:284 Resp: 10394
Ion Ratio Lower Upper
284 100
142 33.7 27.9 41.9
249 35.0 27.7 41.5





#69
Atrazine
Concen: 5.392 ng
RT: 16.666 min Scan# 2111
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

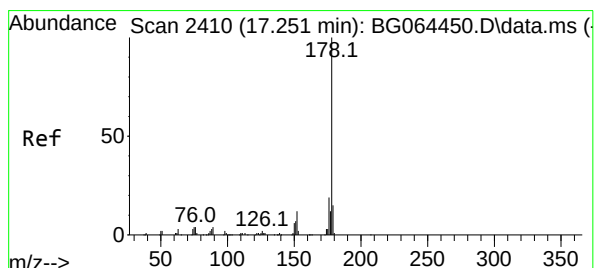
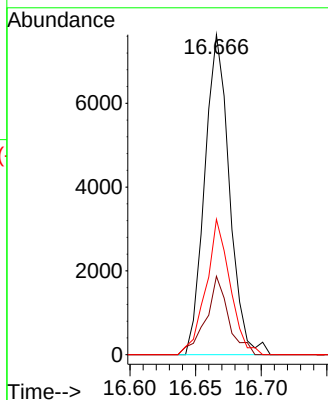
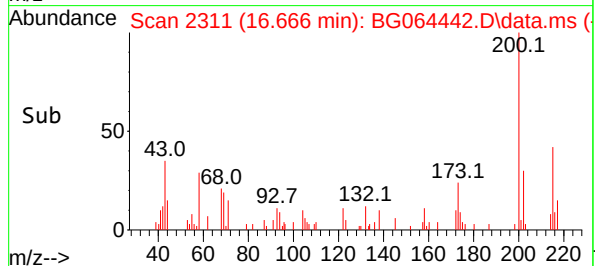
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 1001
Ion Ratio Lower Upper
200 100
173 24.5 2.9 42.9
215 42.3 21.1 61.1

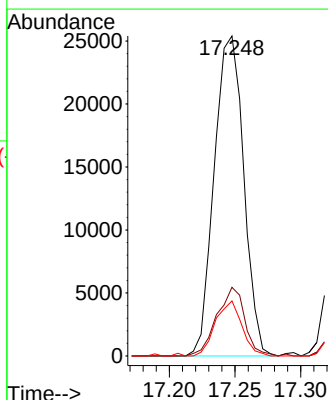
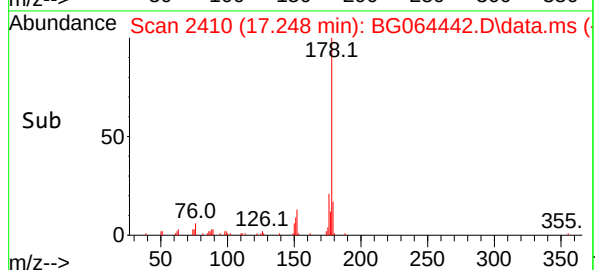
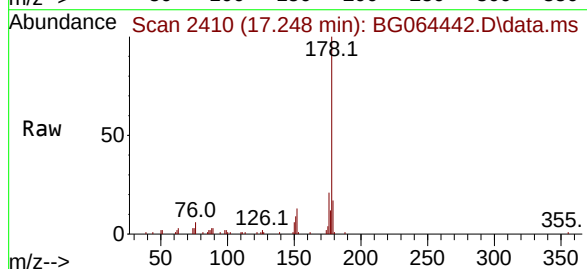
Manual Integrations
APPROVED

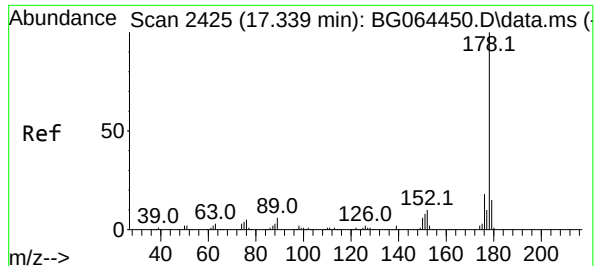
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#71
Phenanthrene
Concen: 4.982 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

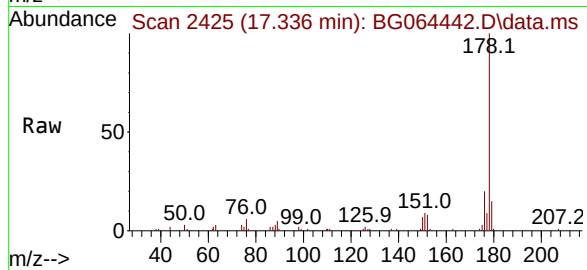
Tgt Ion:178 Resp: 39661
Ion Ratio Lower Upper
178 100
176 21.5 14.9 22.3
179 17.2 12.4 18.6





#72
Anthracene
Concen: 4.959 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

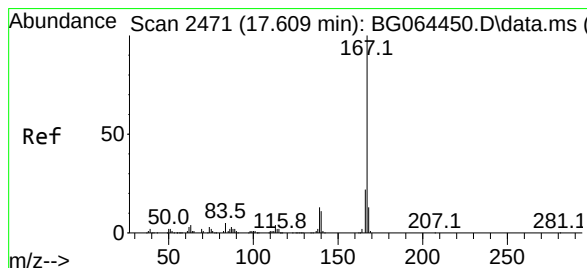
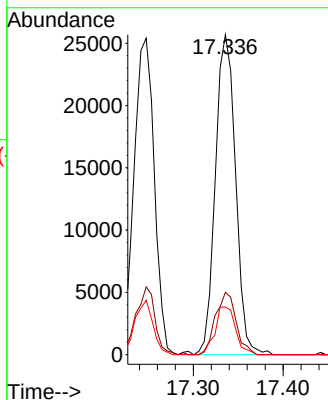
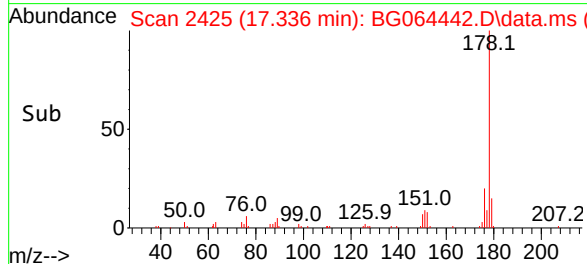
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 40200
Ion Ratio Lower Upper
178 100
176 19.5 14.5 21.7
179 14.8 11.9 17.9

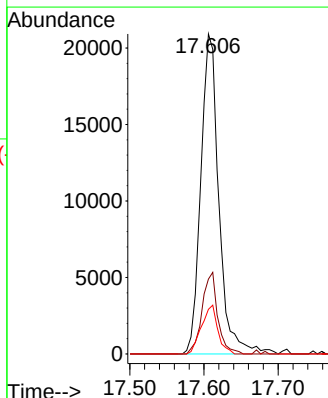
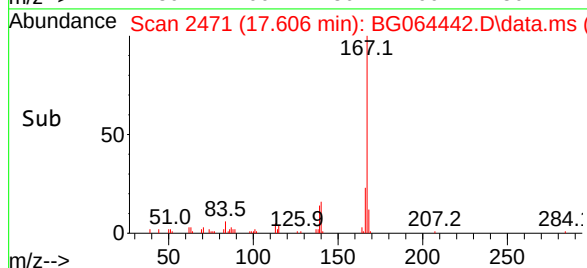
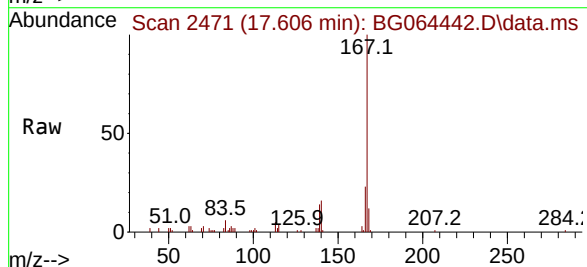
Manual Integrations
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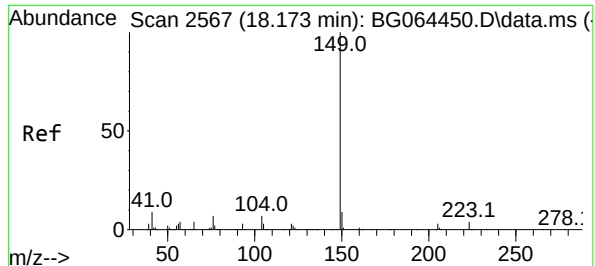
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#73
Carbazole
Concen: 4.995 ng
RT: 17.606 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion:167 Resp: 35529
Ion Ratio Lower Upper
167 100
166 23.4 17.4 26.2
139 13.9 10.2 15.2





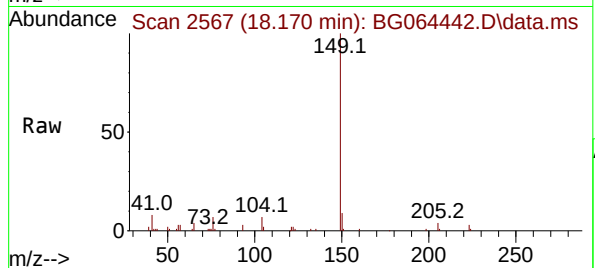
#74
Di-n-butylphthalate
Concen: 5.192 ng
RT: 18.170 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

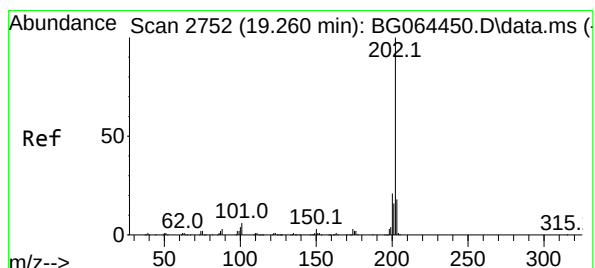
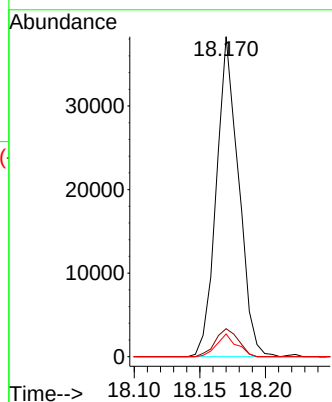
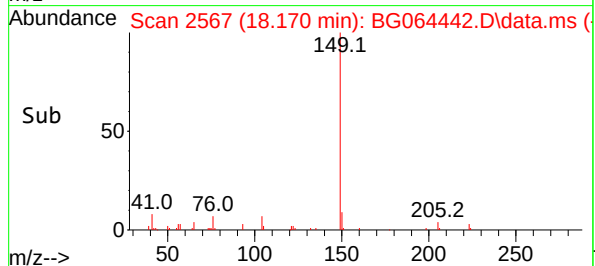


Tgt Ion:149 Resp: 45169
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 7.1 5.8 8.8

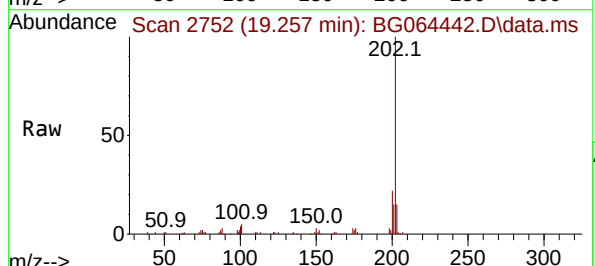
Manual Integrations

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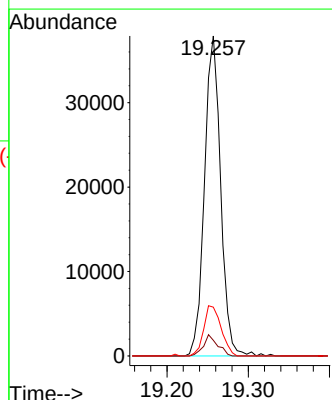
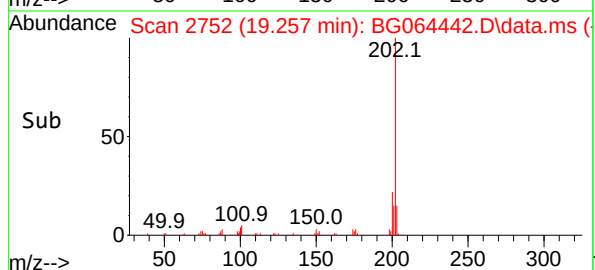
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

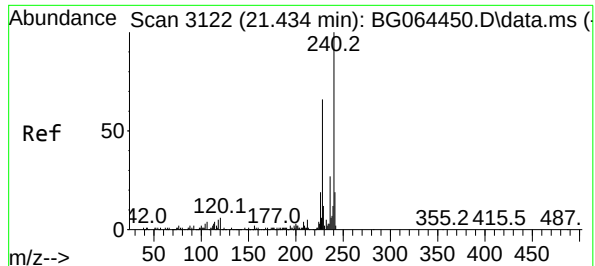


#75
Fluoranthene
Concen: 5.204 ng
RT: 19.257 min Scan# 2752
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



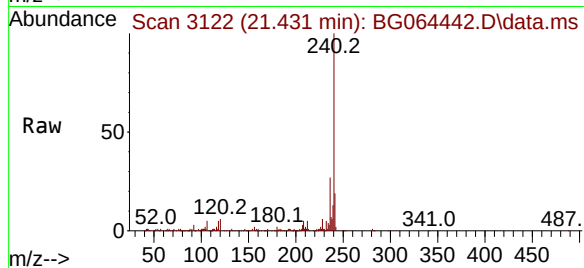
Tgt Ion:202 Resp: 52322
Ion Ratio Lower Upper
202 100
101 4.9 0.0 25.6
203 15.3 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

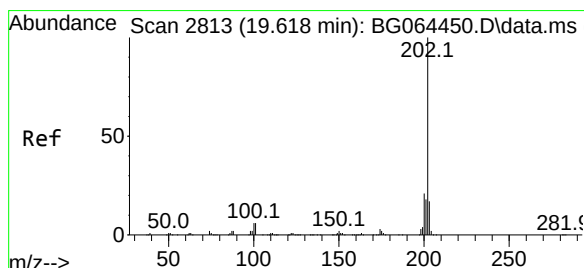
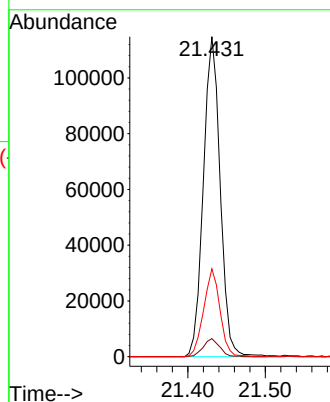
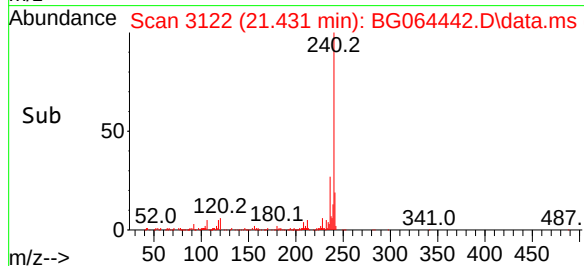
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



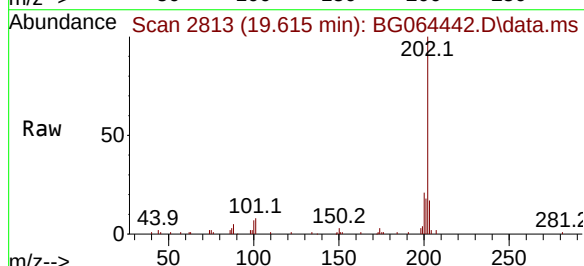
Tgt Ion:240 Resp: 172885
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.4
236 27.4 21.9 32.9

Manual Integrations
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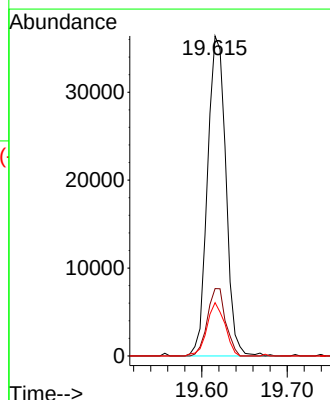
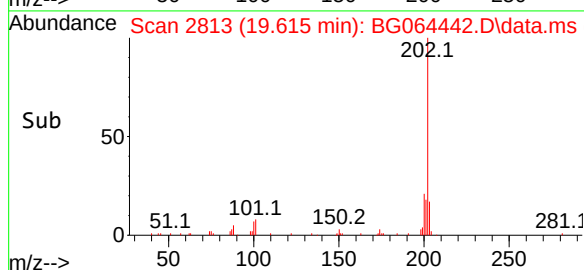
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

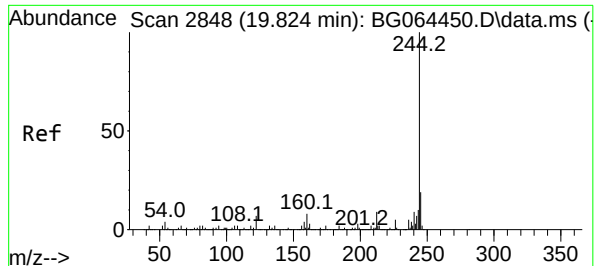


#78
Pyrene
Concen: 5.057 ng
RT: 19.615 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



Tgt Ion:202 Resp: 54253
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 16.7 13.8 20.6





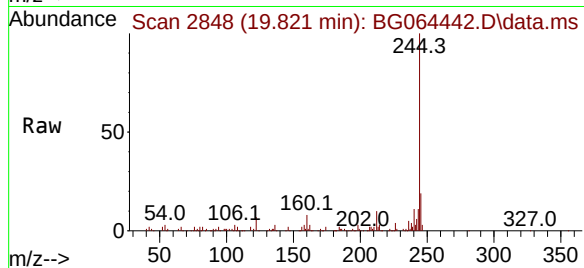
#79
Terphenyl-d14
Concen: 10.100 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

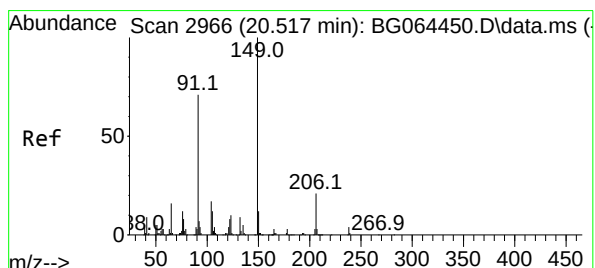
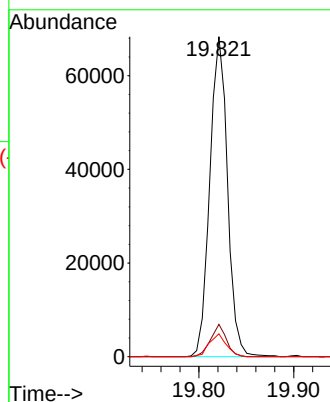
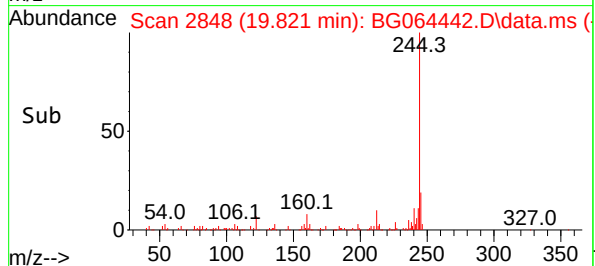


Tgt Ion:244 Resp: 8858
Ion Ratio Lower Upper
244 100
212 10.1 7.2 10.8
122 7.2 5.7 8.5

Manual Integrations

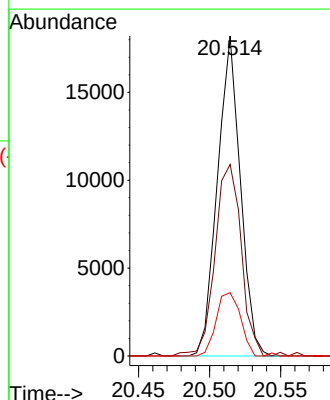
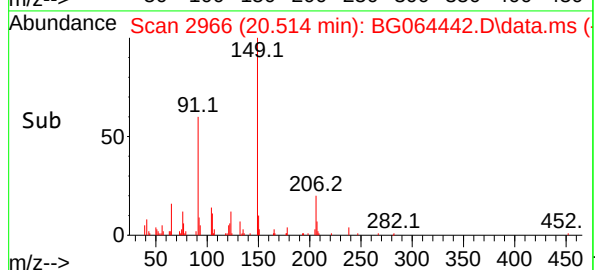
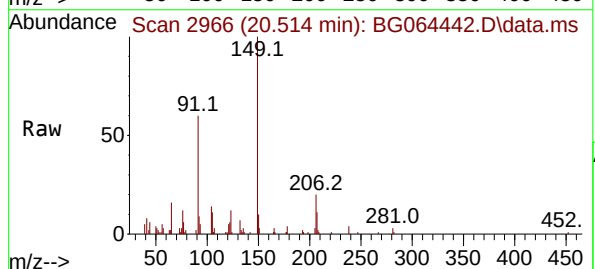
APPROVED

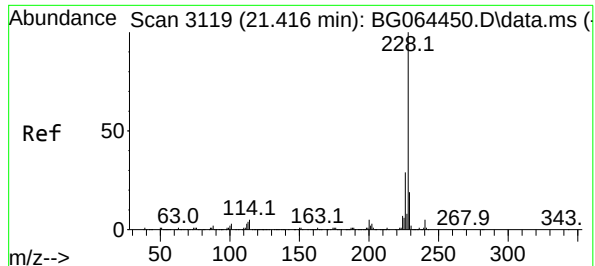
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 5.099 ng
RT: 20.514 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

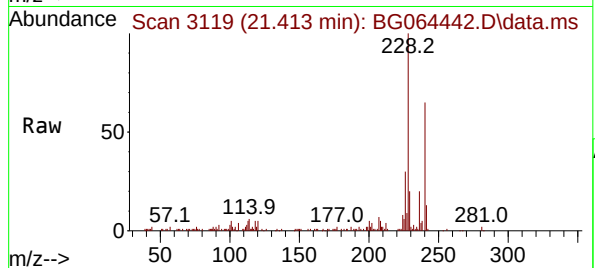
Tgt Ion:149 Resp: 20443
Ion Ratio Lower Upper
149 100
91 59.8 56.6 84.8
206 19.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 5.048 ng
RT: 21.413 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

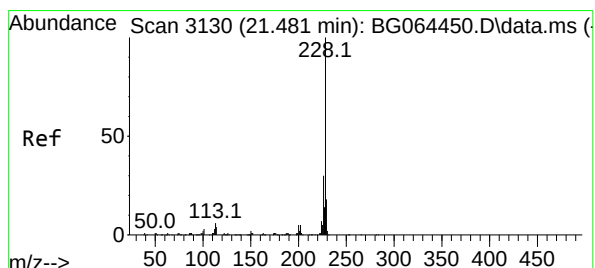
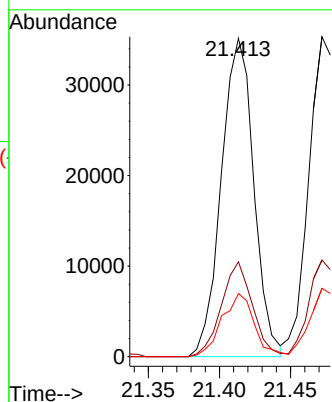
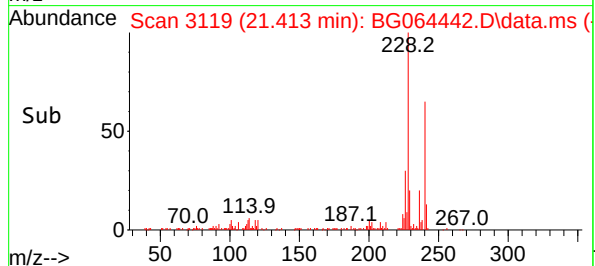
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 5588
Ion Ratio Lower Upper
228 100
226 29.8 23.0 34.6
229 19.8 15.1 22.7

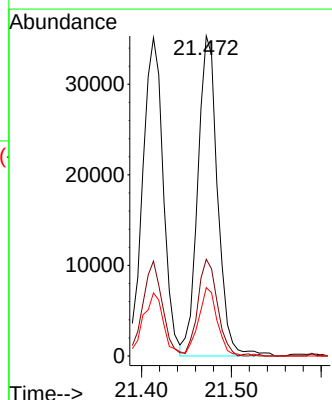
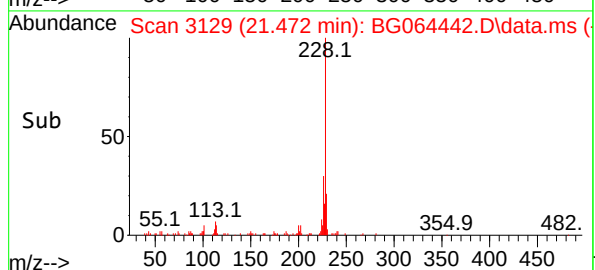
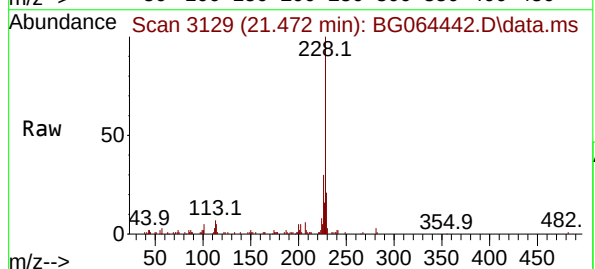
Manual Integrations
APPROVED

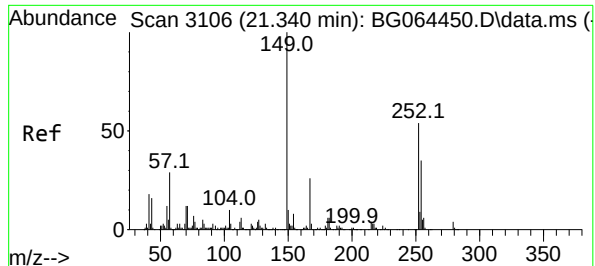
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#83
Chrysene
Concen: 5.172 ng
RT: 21.472 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

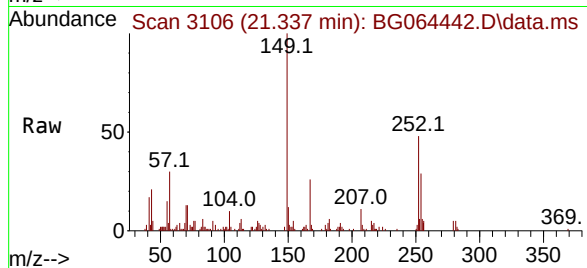
Tgt Ion:228 Resp: 54217
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.4
229 21.4 14.7 22.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.072 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

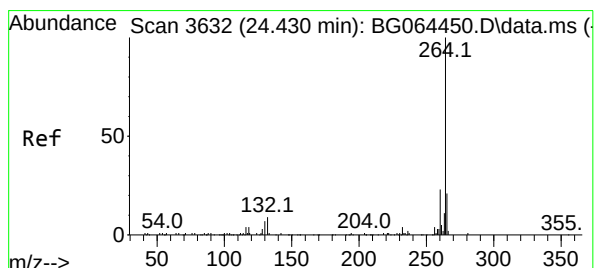
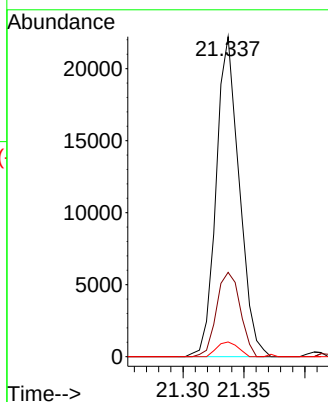
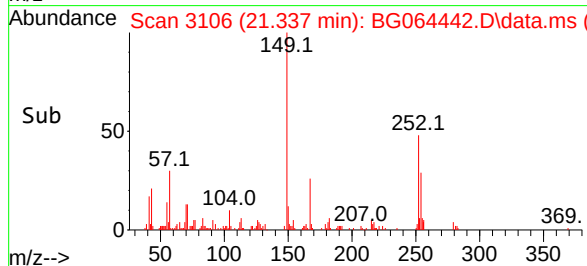
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 29290
Ion Ratio Lower Upper
149 100
167 26.3 20.6 31.0
279 4.6 3.0 4.4

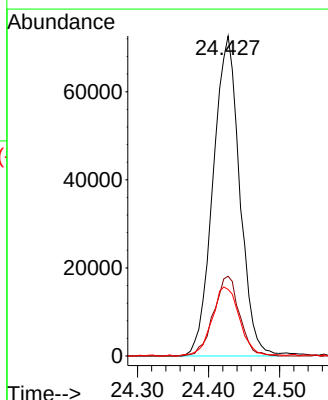
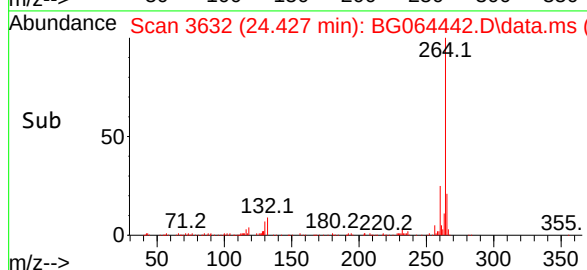
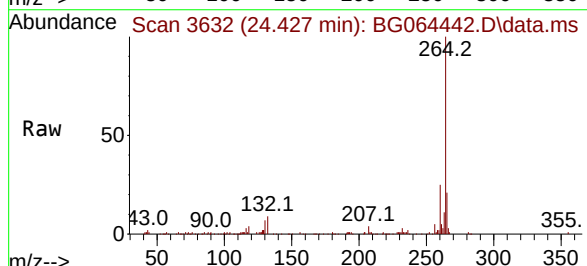
Manual Integrations
APPROVED

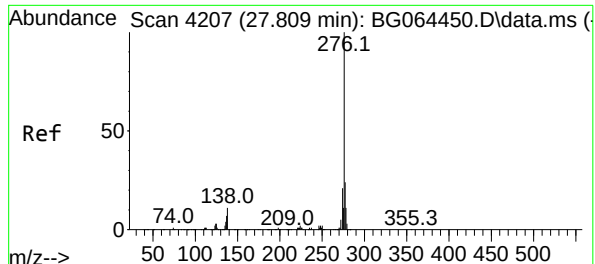
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.427 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

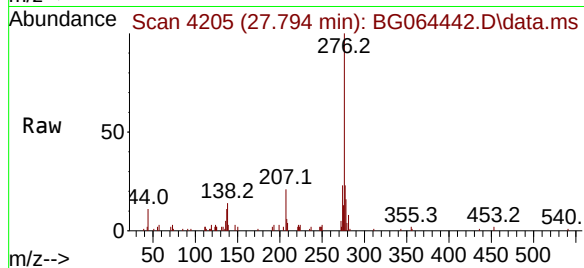
Tgt Ion:264 Resp: 188591
Ion Ratio Lower Upper
264 100
260 24.9 18.6 27.8
265 20.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.882 ng
RT: 27.794 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

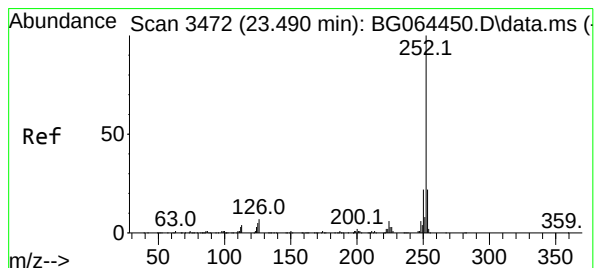
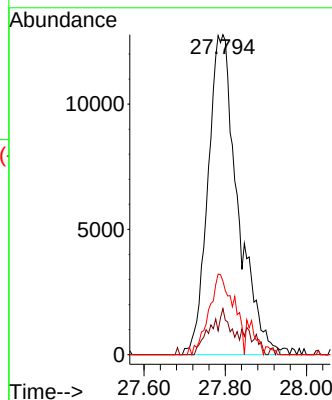
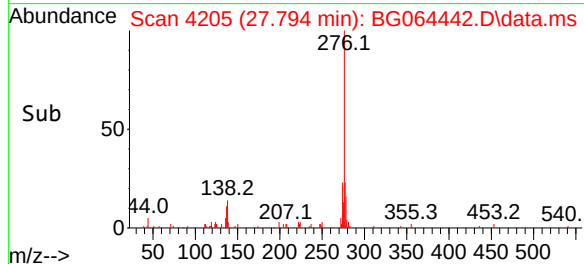
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 6507
Ion Ratio Lower Upper
276 100
138 10.0 10.3 15.5
277 20.9 19.2 28.8

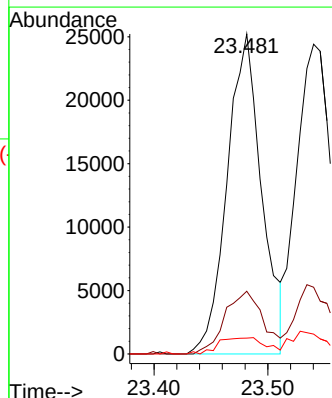
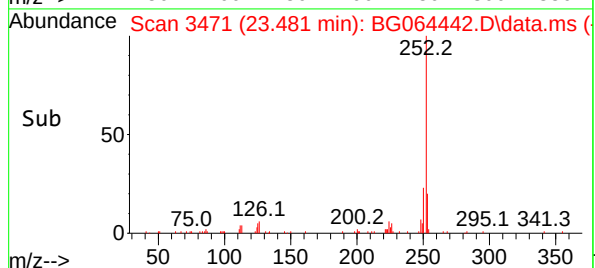
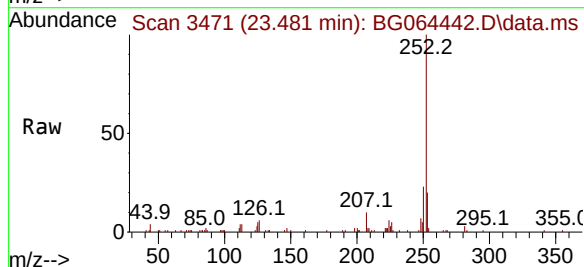
Manual Integrations
APPROVED

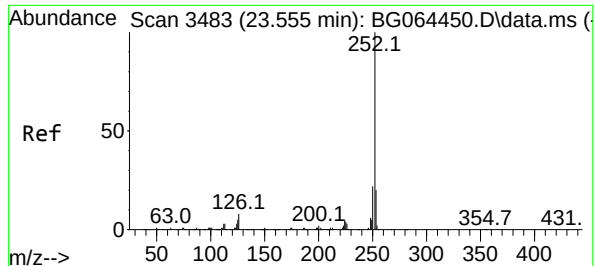
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 4.921 ng
RT: 23.481 min Scan# 3471
Delta R.T. -0.009 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

Tgt Ion: 252 Resp: 53207
Ion Ratio Lower Upper
252 100
253 19.6 17.3 25.9
125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 4.890 ng

RT: 23.540 min Scan# 34

Delta R.T. -0.015 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

Instrument :

BNA_G

ClientSampleId :

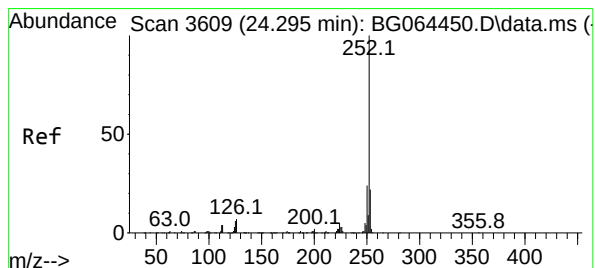
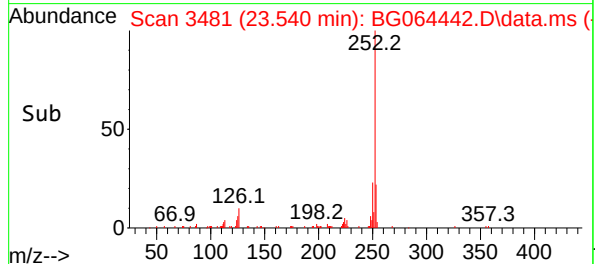
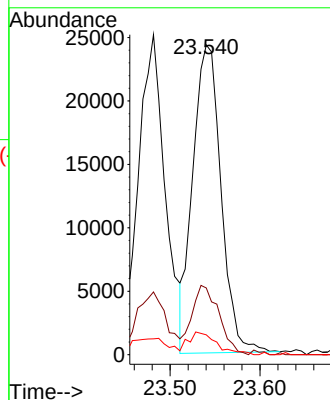
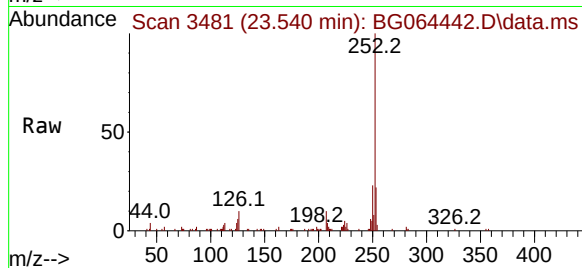
SSTDICC005

Tgt Ion:	252	Resp:	5291
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.6	24.8
125	6.4	4.4	6.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 5.023 ng

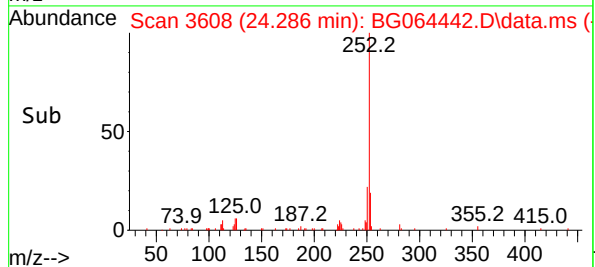
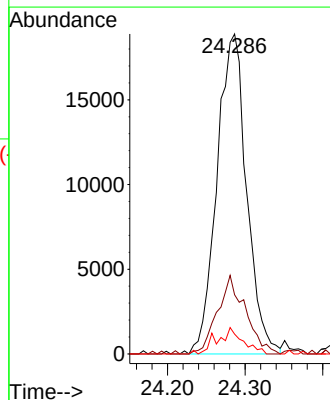
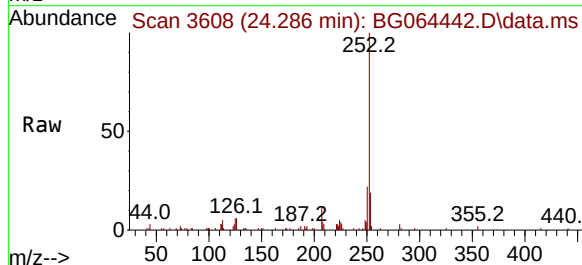
RT: 24.286 min Scan# 3608

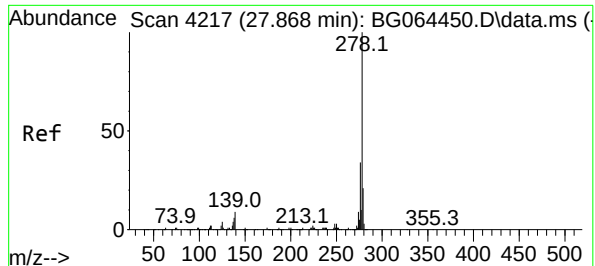
Delta R.T. -0.009 min

Lab File: BG064442.D

Acq: 25 Sep 2025 12:37

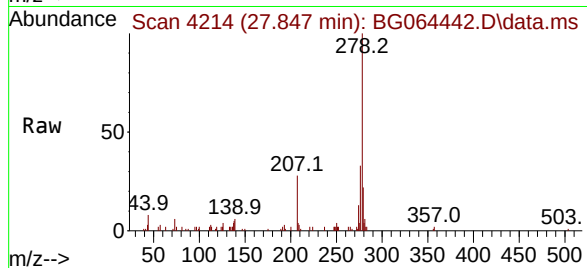
Tgt Ion:	252	Resp:	50301
Ion Ratio	Lower	Upper	
252	100		
253	18.5	17.5	26.3
125	6.2	4.6	7.0





#91
Dibenzo(a,h)anthracene
Concen: 5.005 ng
RT: 27.847 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37

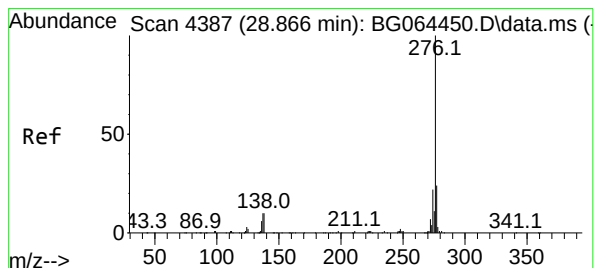
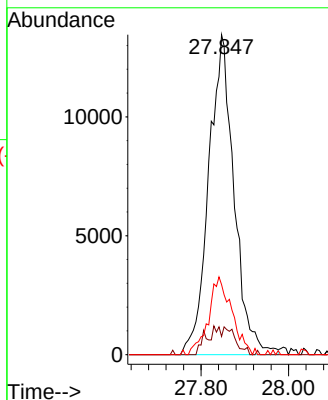
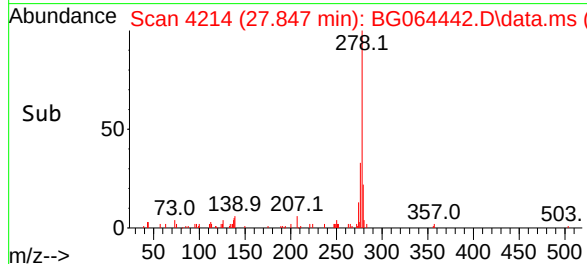
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



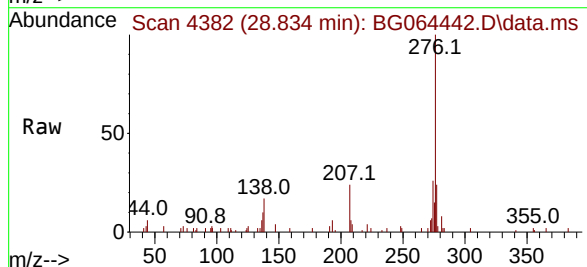
Tgt Ion:278 Resp: 5407
Ion Ratio Lower Upper
278 100
139 5.7 6.9 10.3
279 21.9 17.2 25.8

Manual Integrations
APPROVED

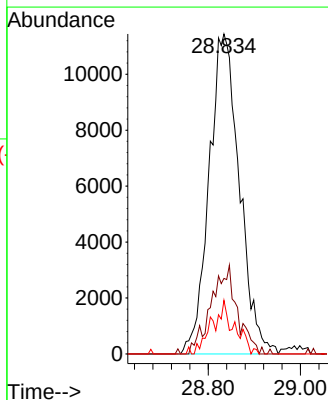
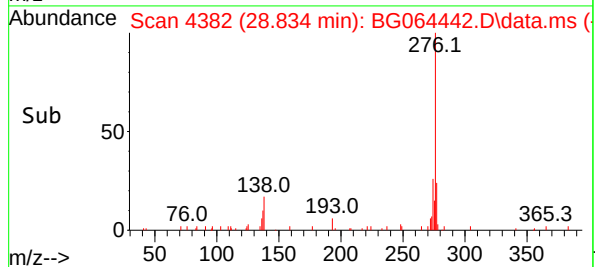
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 5.037 ng
RT: 28.834 min Scan# 4382
Delta R.T. -0.032 min
Lab File: BG064442.D
Acq: 25 Sep 2025 12:37



Tgt Ion:276 Resp: 52273
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 16.8 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064444.D
 Acq On : 25 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	17910	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	85653	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	65094	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	162214	20.000	ng	0.00
76) Chrysene-d12	21.431	240	180422	20.000	ng	0.00
86) Perylene-d12	24.434	264	195431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	37070	39.553	ng	0.00
7) Phenol-d6	7.013	99	49368	38.449	ng	0.00
23) Nitrobenzene-d5	8.993	82	56546	35.778	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	46665	41.065	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	176065	39.940	ng	0.00
79) Terphenyl-d14	19.822	244	370238	40.452	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	7942	20.194	ng	96
3) Pyridine	3.735	79	20030	18.891	ng	92
4) n-Nitrosodimethylamine	3.646	42	15946	19.688	ng	90
6) Aniline	7.166	93	31574	18.990	ng	97
8) 2-Chlorophenol	7.407	128	22215	18.946	ng	99
9) Benzaldehyde	6.978	77	16048	14.684	ng	95
10) Phenol	7.037	94	26561	19.105	ng	94
11) bis(2-Chloroethyl)ether	7.266	93	18506	19.825	ng	91
12) 1,3-Dichlorobenzene	7.730	146	26643	20.271	ng	98
13) 1,4-Dichlorobenzene	7.877	146	25359	18.888	ng	98
14) 1,2-Dichlorobenzene	8.194	146	24965	19.622	ng	99
15) Benzyl Alcohol	8.071	79	22645	18.717	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.358	45	31699	19.475	ng	95
17) 2-Methylphenol	8.282	107	20248	20.161	ng	92
18) Hexachloroethane	8.911	117	9919	19.582	ng	91
19) n-Nitroso-di-n-propyla...	8.641	70	17814	20.526	ng	# 92
20) 3+4-Methylphenols	8.605	107	27809	19.697	ng	94
22) Acetophenone	8.652	105	37547	18.310	ng	97
24) Nitrobenzene	9.034	77	28642	18.566	ng	95
25) Isophorone	9.551	82	57299	19.594	ng	96
26) 2-Nitrophenol	9.739	139	14352	18.899	ng	94
27) 2,4-Dimethylphenol	9.804	122	24067	19.650	ng	91
28) bis(2-Chloroethoxy)met...	10.039	93	30496	20.186	ng	95
29) 2,4-Dichlorophenol	10.274	162	27649	19.614	ng	87
30) 1,2,4-Trichlorobenzene	10.491	180	30162	20.004	ng	90
31) Naphthalene	10.673	128	89024	19.909	ng	95
32) Benzoic acid	9.921	122	17492m	19.303	ng	
33) 4-Chloroaniline	10.785	127	32561	19.906	ng	98
34) Hexachlorobutadiene	10.967	225	25180	19.606	ng	94
35) Caprolactam	11.537	113	9964	21.423	ng	91
36) 4-Chloro-3-methylphenol	11.907	107	33073	19.794	ng	# 95
37) 2-Methylnaphthalene	12.283	142	67501	19.991	ng	97
38) 1-Methylnaphthalene	12.501	142	67324	20.293	ng	94
40) 1,2,4,5-Tetrachloroben...	12.659	216	41687	20.094	ng	99
41) Hexachlorocyclopentadiene	12.636	237	20192	18.327	ng	95
43) 2,4,6-Trichlorophenol	12.894	196	26879	19.863	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064444.D
 Acq On : 25 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	30157	20.102	ng	97
46) 1,1'-Biphenyl	13.300	154	92670	20.013	ng	95
47) 2-Chloronaphthalene	13.335	162	71057	20.190	ng	99
48) 2-Nitroaniline	13.541	65	24402	20.174	ng	93
49) Acenaphthylene	14.187	152	104535	20.007	ng	98
50) Dimethylphthalate	13.923	163	97621	19.631	ng	97
51) 2,6-Dinitrotoluene	14.040	165	21142	20.241	ng	93
52) Acenaphthene	14.528	154	71666	20.043	ng	100
53) 3-Nitroaniline	14.363	138	20058	20.266	ng	98
54) 2,4-Dinitrophenol	14.581	184	10235	14.755	ng	93
55) Dibenzofuran	14.863	168	118639	20.012	ng	# 98
56) 4-Nitrophenol	14.686	139	15591	19.461	ng	# 83
57) 2,4-Dinitrotoluene	14.827	165	32070	20.112	ng	96
58) Fluorene	15.509	166	98019	20.029	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.092	232	29595	20.100	ng	97
60) Diethylphthalate	15.286	149	108550	20.259	ng	95
61) 4-Chlorophenyl-phenyle...	15.509	204	53237	19.921	ng	99
62) 4-Nitroaniline	15.527	138	21483	20.243	ng	97
63) Azobenzene	15.797	77	84666	20.193	ng	98
65) 4,6-Dinitro-2-methylph...	15.591	198	20782	18.703	ng	89
66) n-Nitrosodiphenylamine	15.720	169	84942	19.623	ng	97
67) 4-Bromophenyl-phenylether	16.396	248	37185	19.564	ng	98
68) Hexachlorobenzene	16.514	284	43237	19.989	ng	100
69) Atrazine	16.666	200	41046	20.872	ng	99
70) Pentachlorophenol	16.860	266	25305	19.385	ng	95
71) Phenanthrene	17.248	178	172353	20.442	ng	97
72) Anthracene	17.336	178	170935	19.909	ng	98
73) Carbazole	17.606	167	152486	20.244	ng	97
74) Di-n-butylphthalate	18.171	149	183162	19.879	ng	99
75) Fluoranthene	19.257	202	212264	19.936	ng	99
77) Benzidine	19.440	184	85803	18.164	ng	95
78) Pyrene	19.616	202	225391	20.133	ng	99
80) Butylbenzylphthalate	20.515	149	82611	19.743	ng	96
81) Benzo(a)anthracene	21.414	228	230415	19.946	ng	97
82) 3,3'-Dichlorobenzidine	21.337	252	80983	20.384	ng	99
83) Chrysene	21.478	228	220878	20.189	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	118331	19.631	ng	# 95
85) Di-n-octyl phthalate	22.471	149	206222	20.126	ng	100
87) Indeno(1,2,3-cd)pyrene	27.795	276	276472	20.016	ng	# 93
88) Benzo(b)fluoranthene	23.482	252	220573	19.688	ng	97
89) Benzo(k)fluoranthene	23.547	252	228817	20.404	ng	96
90) Benzo(a)pyrene	24.287	252	209267	20.164	ng	99
91) Dibenzo(a,h)anthracene	27.853	278	222599	19.879	ng	97
92) Benzo(g,h,i)perylene	28.846	276	213032	19.810	ng	99

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

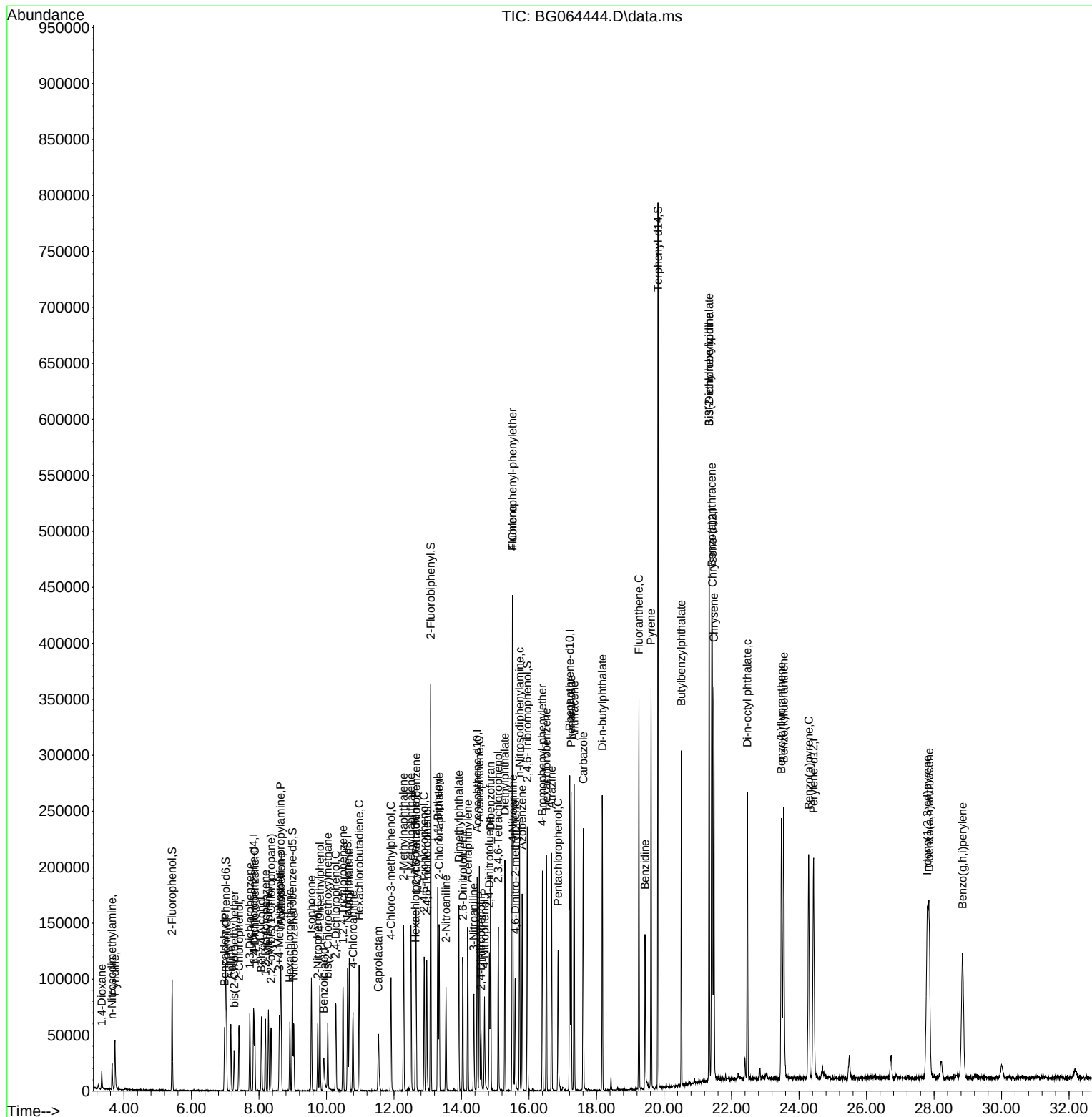
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064444.D
Acq On : 25 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

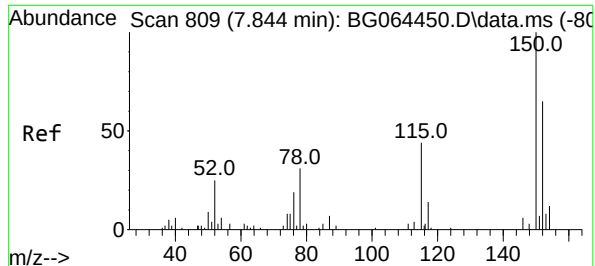
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

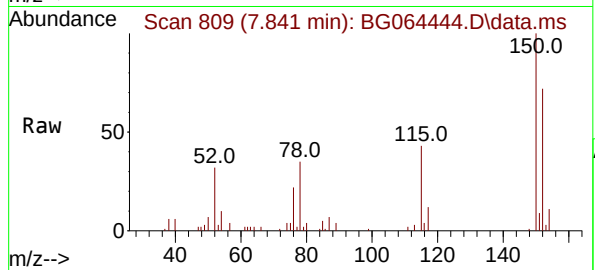
Quant Time: Sep 29 17:45:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

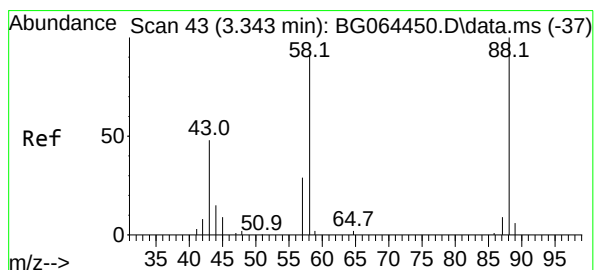
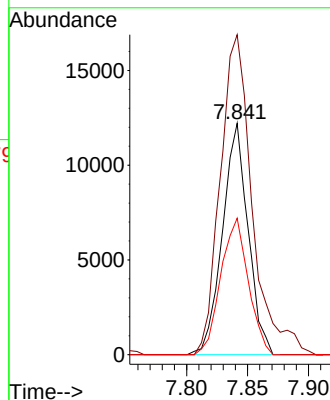
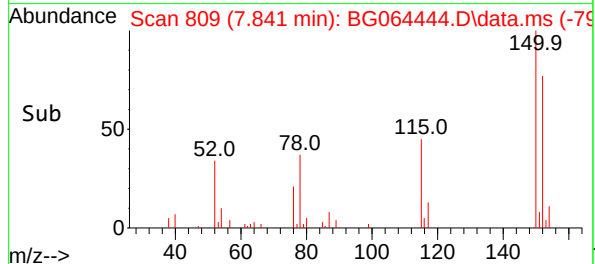
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 17910
Ion Ratio Lower Upper
152 100
150 138.3 122.9 184.3
115 59.0 54.3 81.5

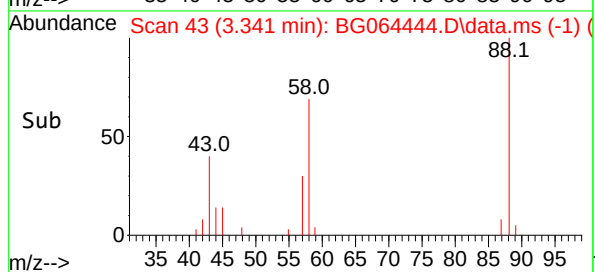
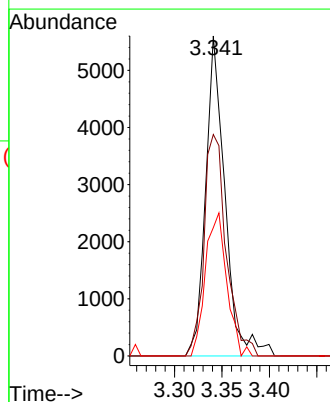
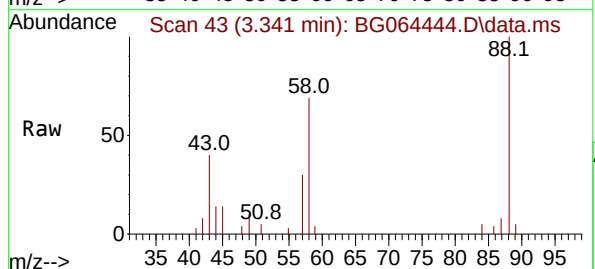
Manual Integrations
APPROVED

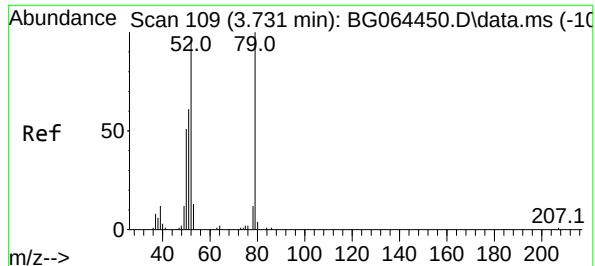
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 20.194 ng
RT: 3.341 min Scan# 43
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

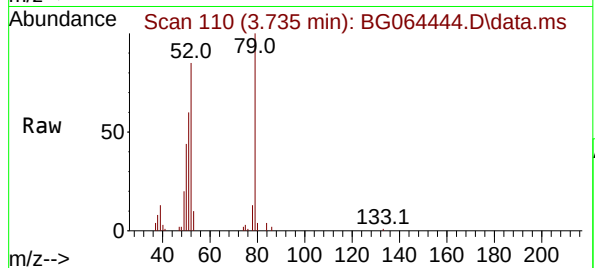
Tgt Ion: 88 Resp: 7942
Ion Ratio Lower Upper
88 100
58 79.6 67.9 101.9
43 49.4 39.4 59.2





#3
Pyridine
Concen: 18.891 ng
RT: 3.735 min Scan# 110
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

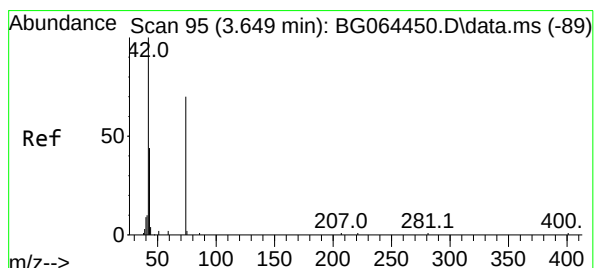
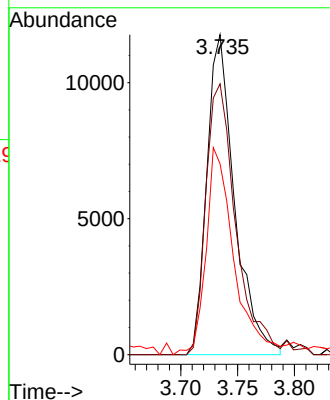
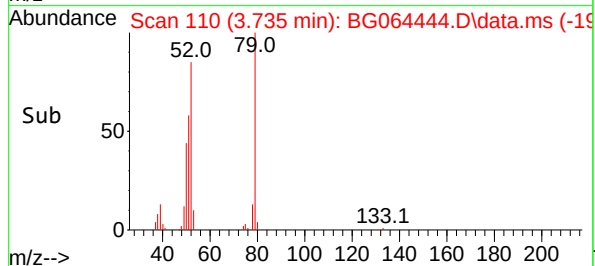
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 20030
Ion Ratio Lower Upper
79 100
52 84.6 76.6 114.8
51 59.6 49.3 73.9

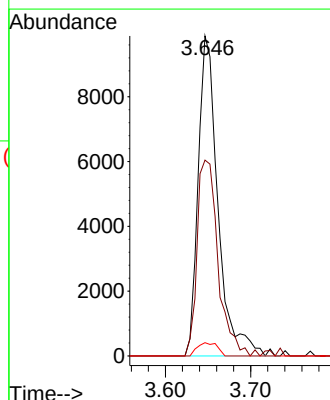
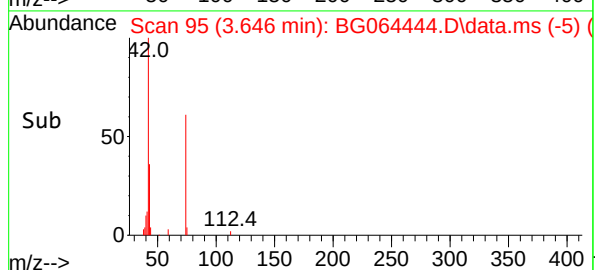
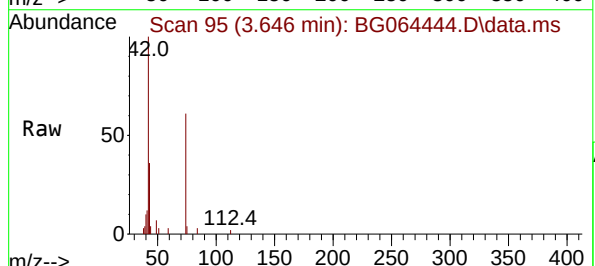
Manual Integrations
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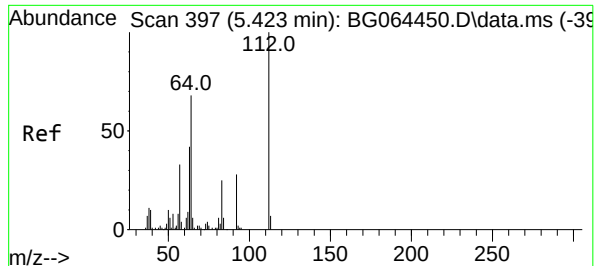
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 19.688 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 42 Resp: 15946
Ion Ratio Lower Upper
42 100
74 61.2 56.1 84.1
44 4.1 3.1 4.7





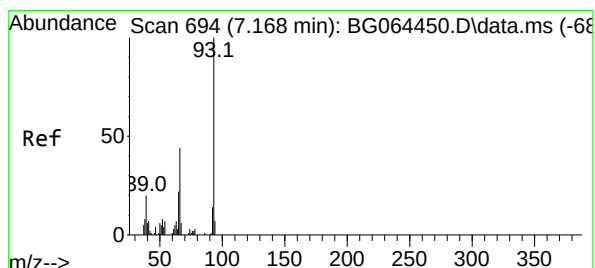
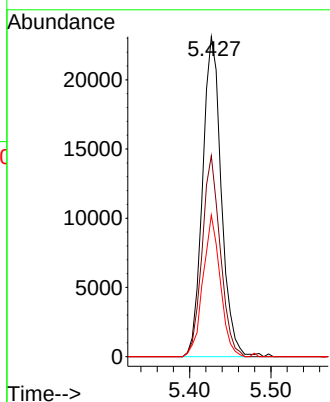
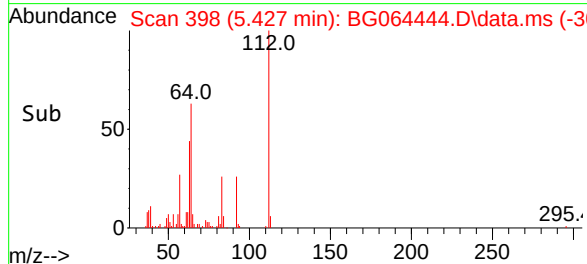
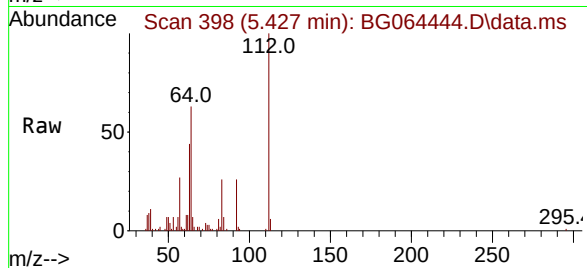
#5
2-Fluorophenol
Concen: 39.553 ng
RT: 5.427 min Scan# 397
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 37070
Ion Ratio Lower Upper
112 100
64 62.8 54.0 81.0
63 44.2 33.8 50.6

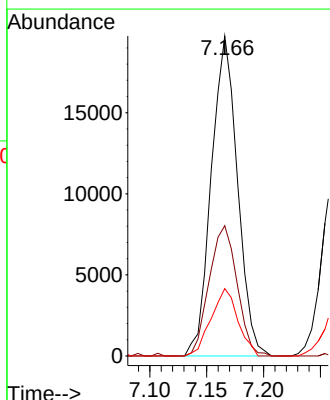
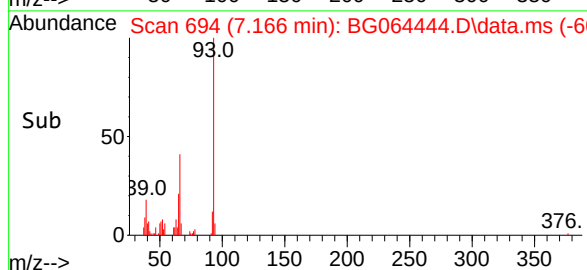
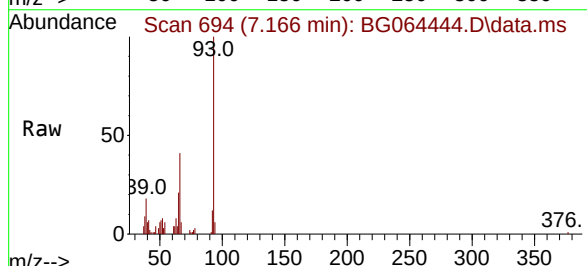
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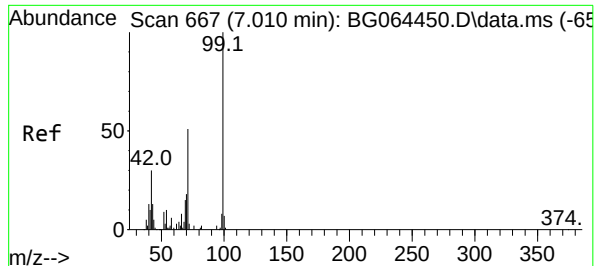
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 18.990 ng
RT: 7.166 min Scan# 694
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 93 Resp: 31574
Ion Ratio Lower Upper
93 100
66 40.7 34.9 52.3
65 21.1 17.3 25.9





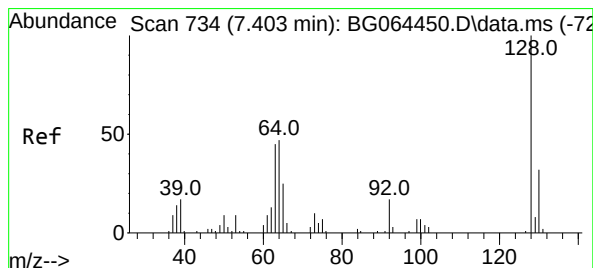
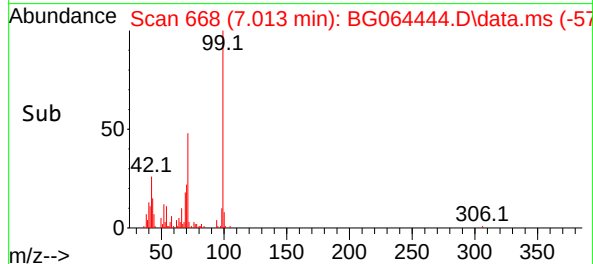
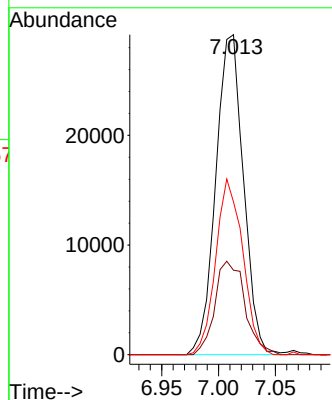
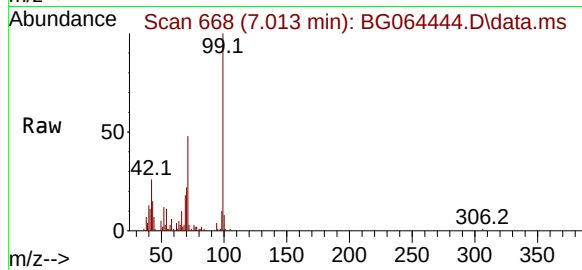
#7
Phenol-d6
Concen: 38.449 ng
RT: 7.013 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 4936
Ion Ratio Lower Upper
99 100
42 26.4 24.0 36.0
71 47.8 40.5 60.7

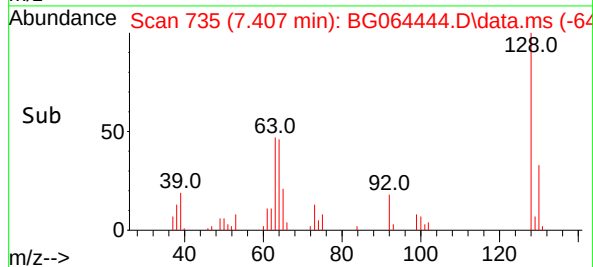
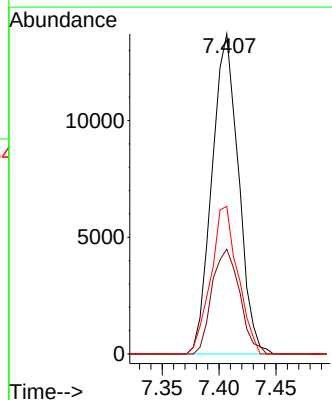
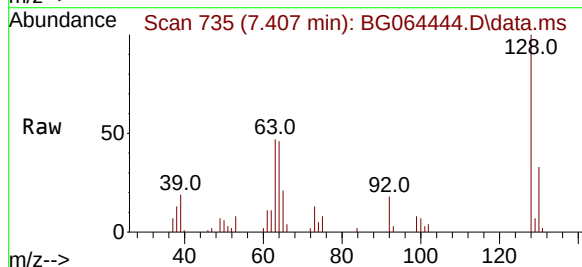
Manual Integrations
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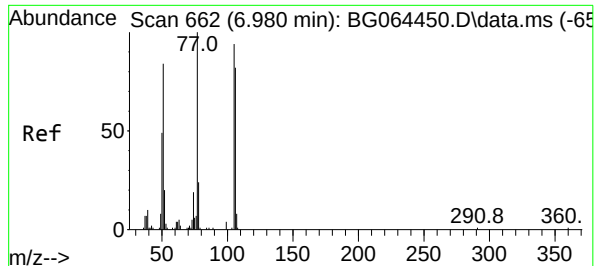
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 18.946 ng
RT: 7.407 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

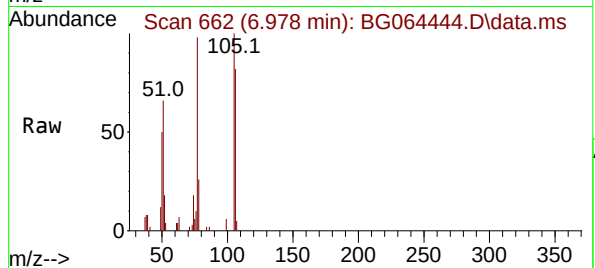
Tgt Ion:128 Resp: 22215
Ion Ratio Lower Upper
128 100
130 32.7 11.8 51.8
64 46.2 27.0 67.0





#9
Benzaldehyde
Concen: 14.684 ng
RT: 6.978 min Scan# 662
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

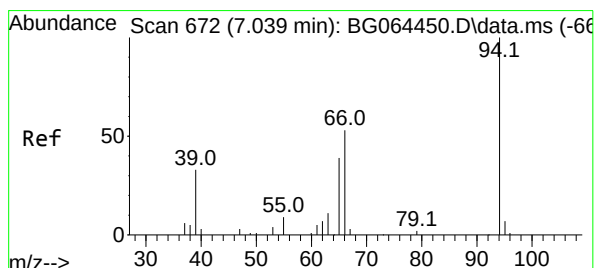
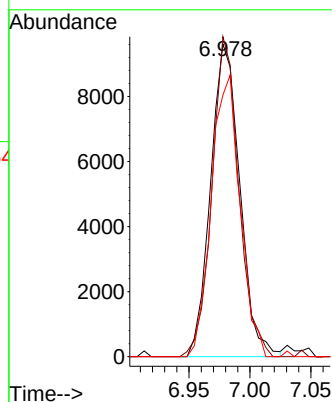
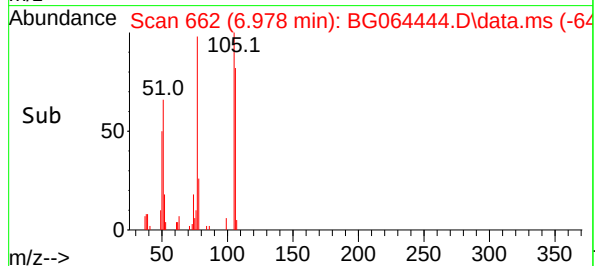
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 16048
Ion Ratio Lower Upper
77 100
105 102.4 74.0 114.0
106 83.7 62.5 102.5

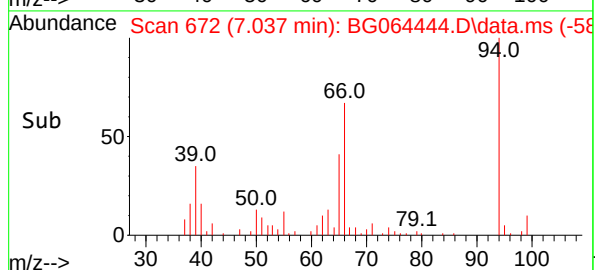
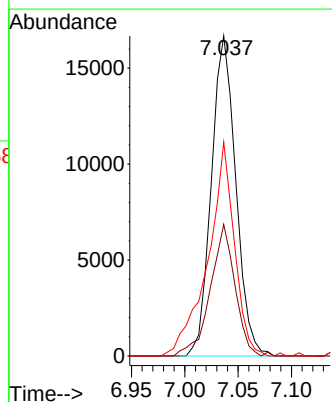
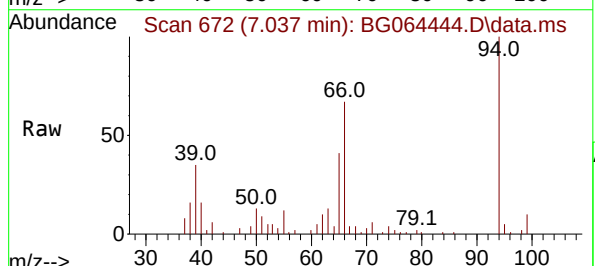
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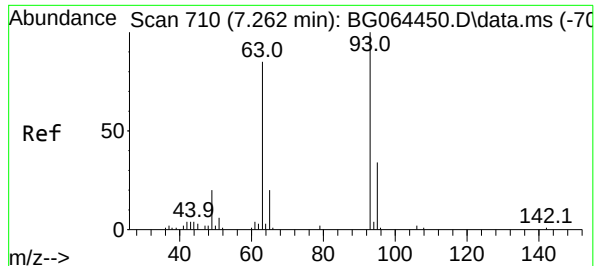
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 19.105 ng
RT: 7.037 min Scan# 672
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 94 Resp: 26561
Ion Ratio Lower Upper
94 100
65 41.1 21.1 61.1
66 66.8 39.7 79.7





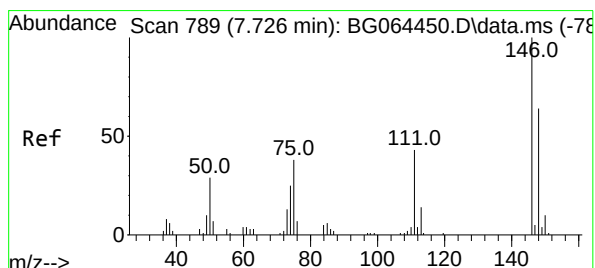
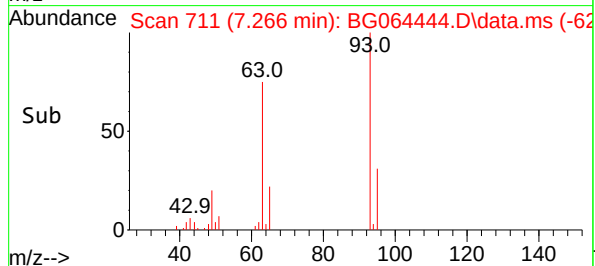
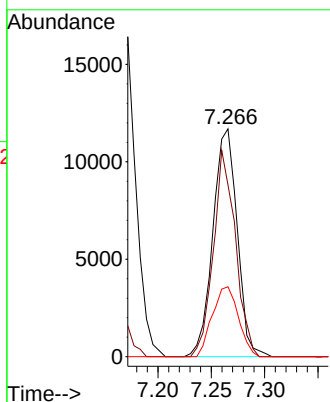
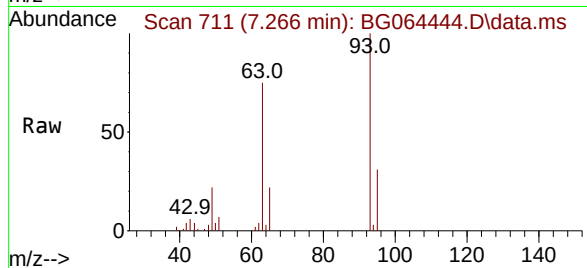
#11
bis(2-Chloroethyl)ether
Concen: 19.825 ng
RT: 7.266 min Scan# 710
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 18500
Ion Ratio Lower Upper
93 100
63 75.4 65.3 105.3
95 30.7 13.7 53.7

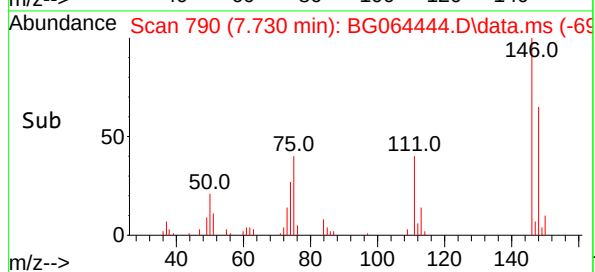
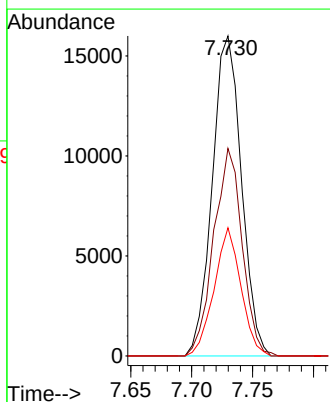
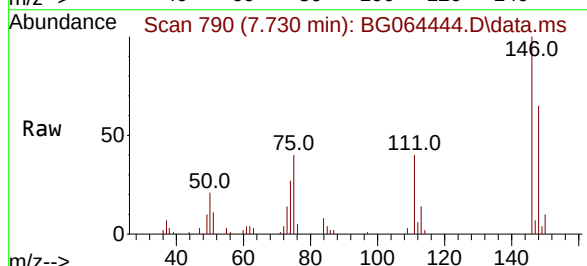
Manual Integrations
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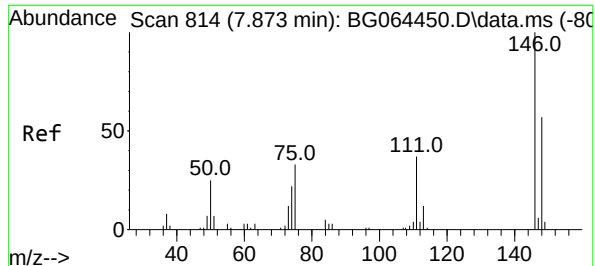
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 20.271 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:146 Resp: 26643
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 40.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 18.888 ng

RT: 7.877 min Scan# 814

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 2535

Ion Ratio Lower Upper

146 100

148 57.3 45.3 67.9

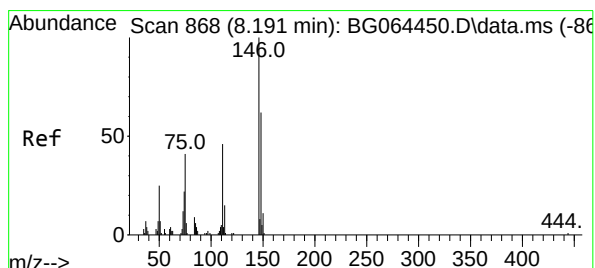
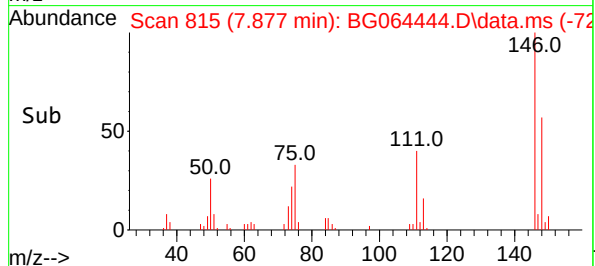
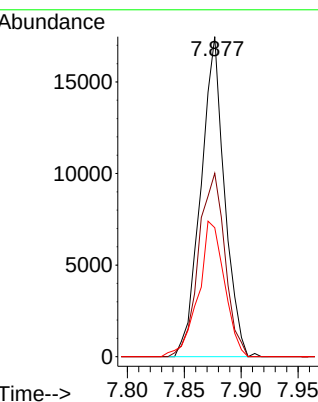
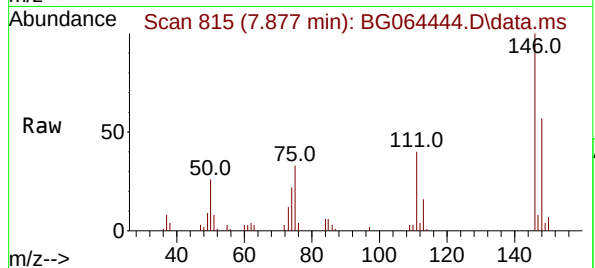
111 40.3 30.3 45.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 19.622 ng

RT: 8.194 min Scan# 869

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

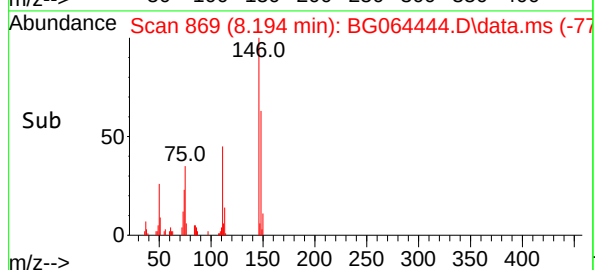
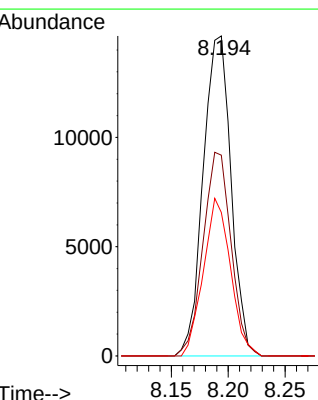
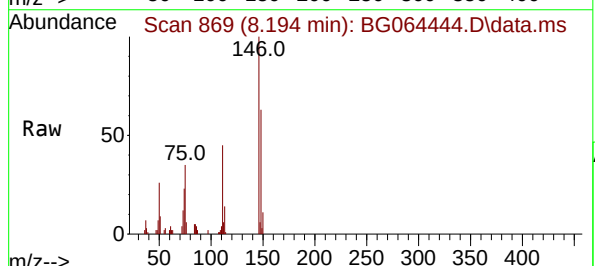
Tgt Ion:146 Resp: 24965

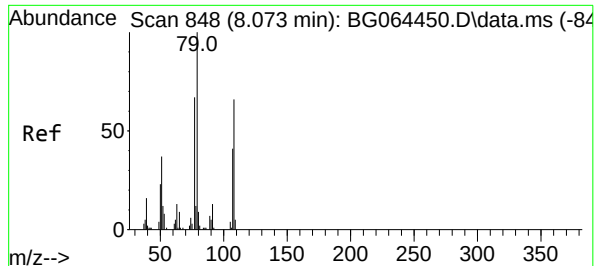
Ion Ratio Lower Upper

146 100

148 62.8 49.9 74.9

111 44.9 36.6 54.8





#15

Benzyl Alcohol

Concen: 18.717 ng

RT: 8.071 min Scan# 848

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

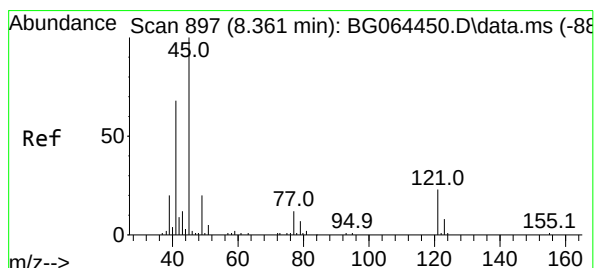
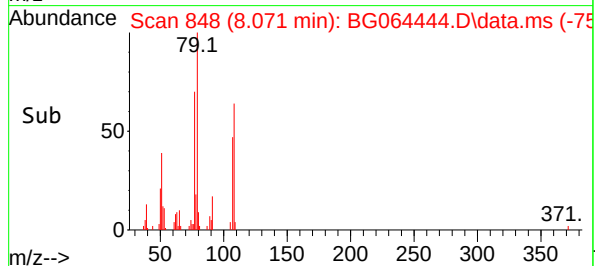
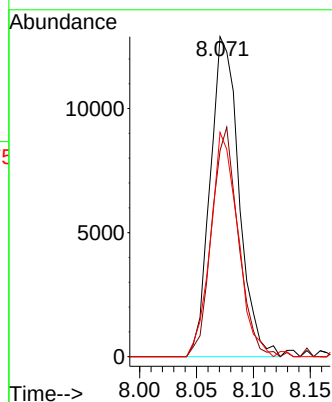
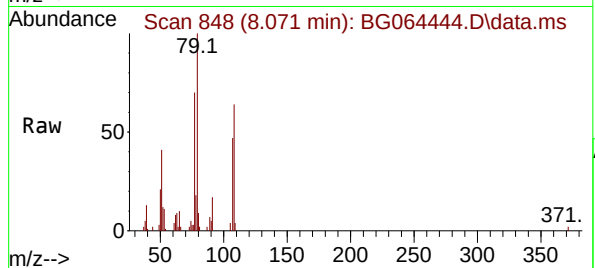
Tgt Ion:	79	Resp:	2264
Ion	Ratio	Lower	Upper
79	100		
108	64.4	53.0	79.6
77	70.0	53.6	80.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.475 ng

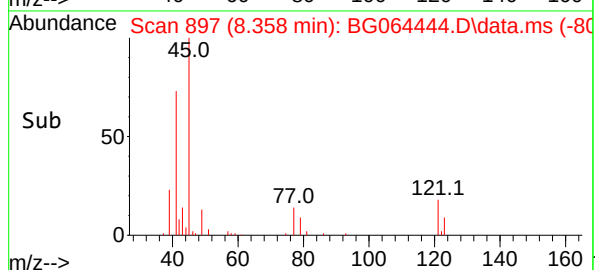
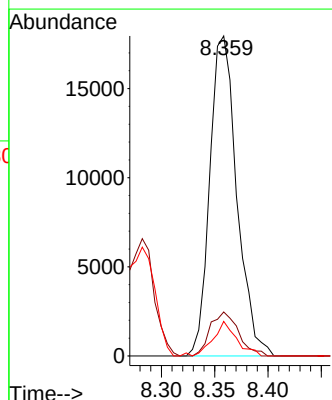
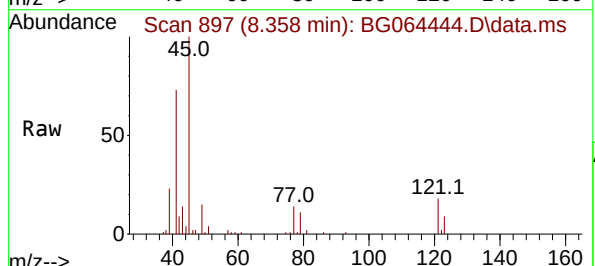
RT: 8.358 min Scan# 897

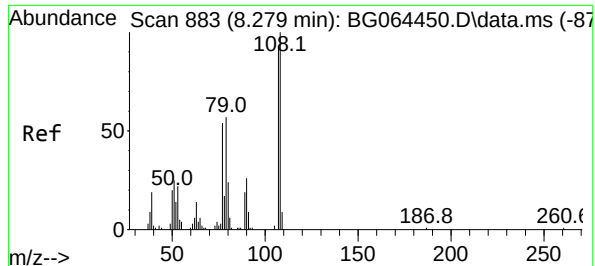
Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

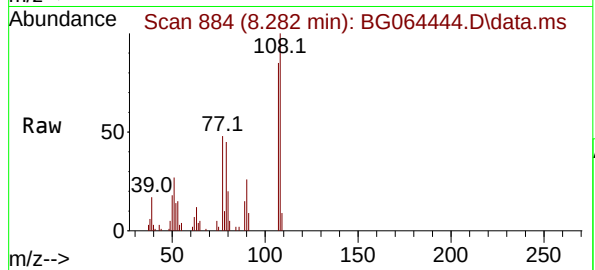
Tgt Ion:	45	Resp:	31699
Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.8
79	10.8	0.0	28.0





#17
2-Methylphenol
Concen: 20.161 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

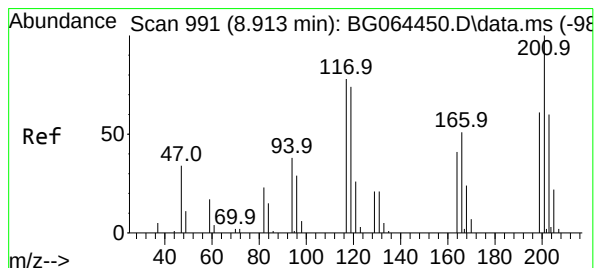
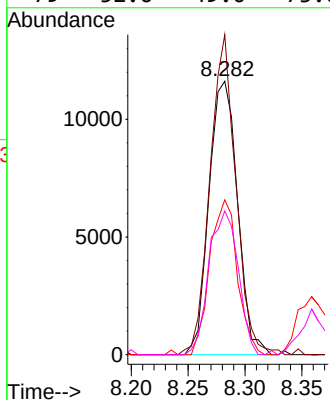
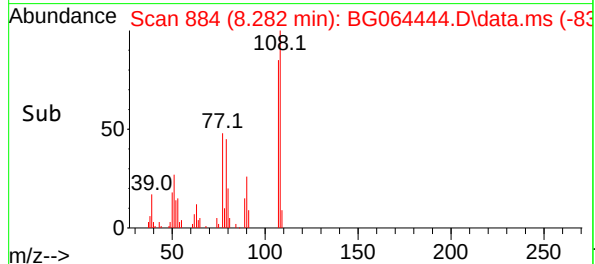
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 2024
Ion Ratio Lower Upper
107 100
108 117.0 86.2 129.2
77 56.6 46.7 70.1
79 52.6 49.0 73.6

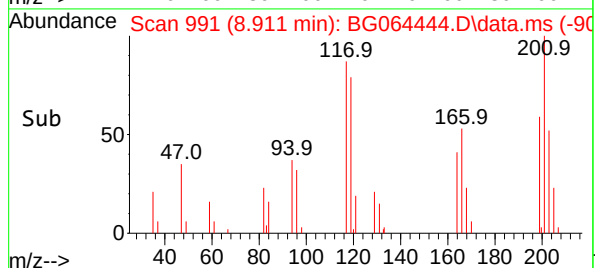
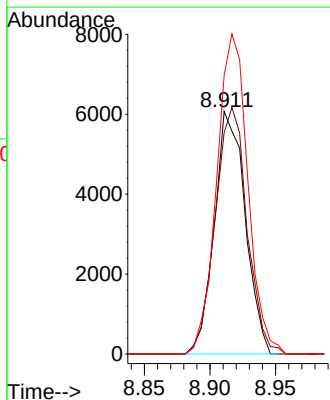
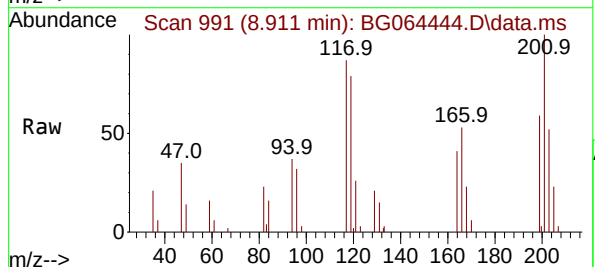
Manual Integrations
APPROVED

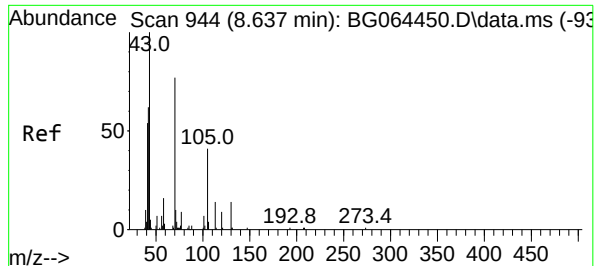
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 19.582 ng
RT: 8.911 min Scan# 991
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

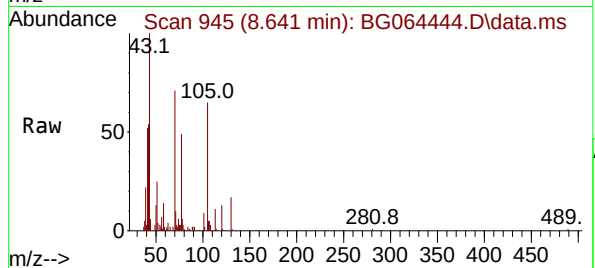
Tgt Ion:117 Resp: 9919
Ion Ratio Lower Upper
117 100
119 91.2 76.6 115.0
201 114.8 103.0 154.6





#19
n-Nitroso-di-n-propylamine
Concen: 20.526 ng
RT: 8.641 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

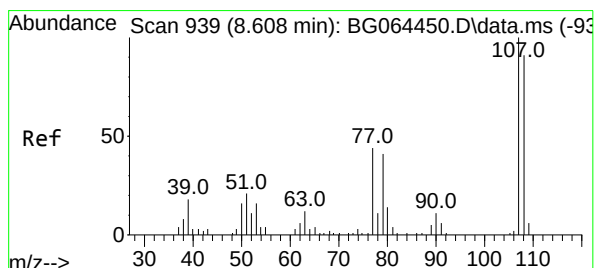
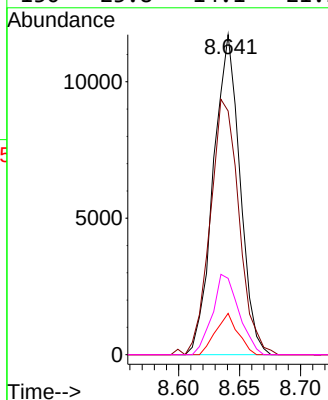
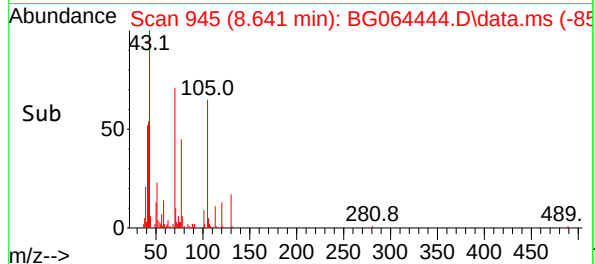
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 70 Resp: 17814
Ion Ratio Lower Upper
70 100
42 76.1 65.6 98.4
101 12.9 7.7 11.5
130 23.8 14.1 21.1#

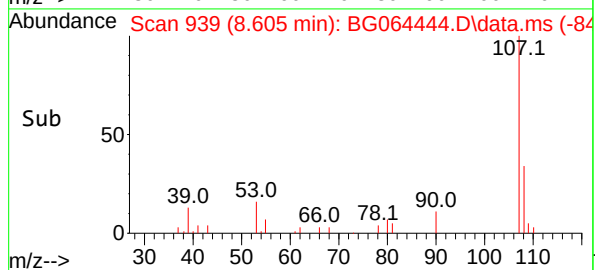
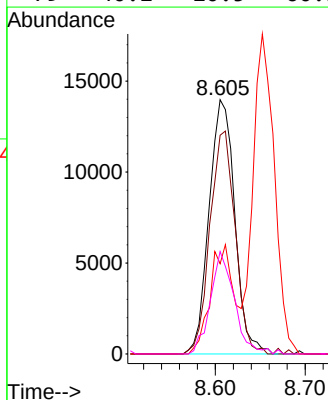
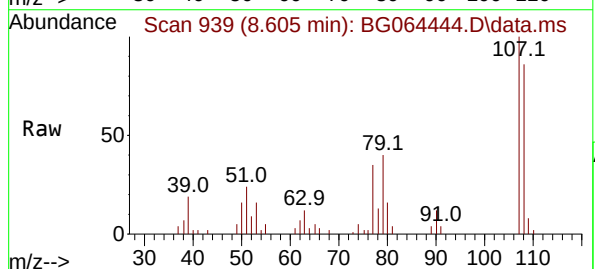
Manual Integrations
APPROVED

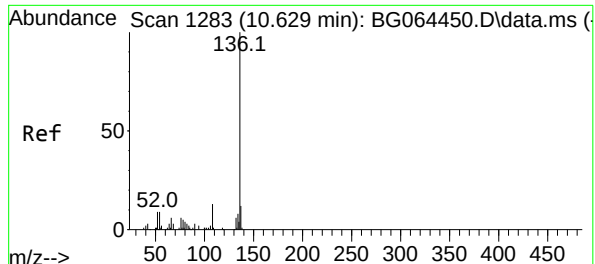
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#20
3+4-Methylphenols
Concen: 19.697 ng
RT: 8.605 min Scan# 939
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

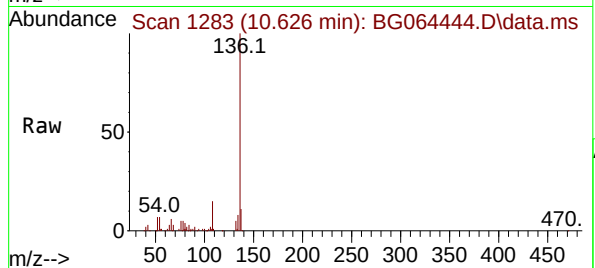
Tgt Ion:107 Resp: 27809
Ion Ratio Lower Upper
107 100
108 86.0 70.9 110.9
77 35.5 24.4 64.4
79 40.2 20.5 60.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

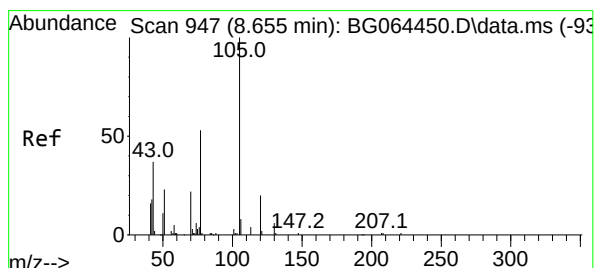
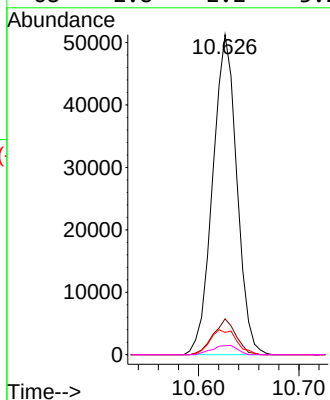
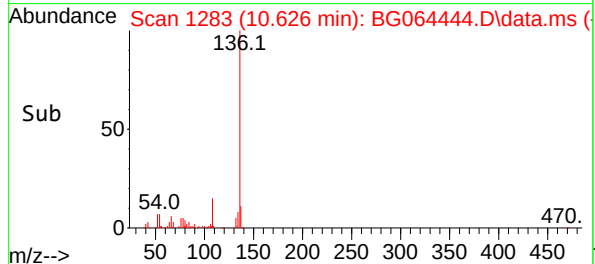
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 8565
Ion Ratio Lower Upper
136 100
137 11.2 9.6 14.4
54 7.8 7.4 11.2
68 2.8 2.2 3.2

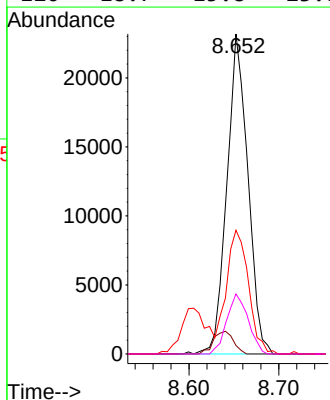
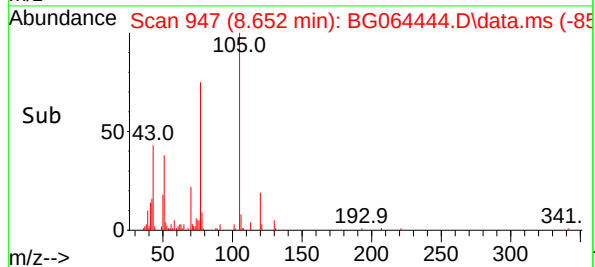
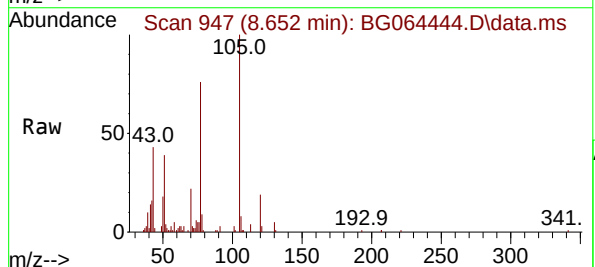
Manual Integrations
APPROVED

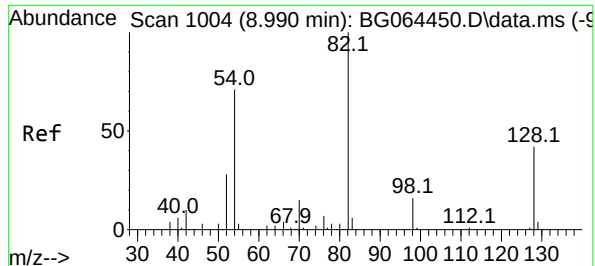
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 18.310 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:105 Resp: 37547
Ion Ratio Lower Upper
105 100
71 2.7 2.5 3.7
51 38.6 29.0 43.6
120 18.7 15.8 23.8





#23

Nitrobenzene-d5

Concen: 35.778 ng

RT: 8.993 min Scan# 1004

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 56540

Ion Ratio Lower Upper

82 100

128 43.1 33.7 50.5

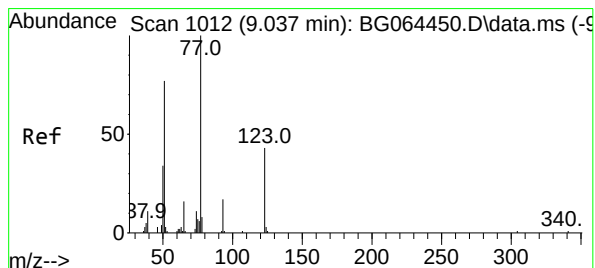
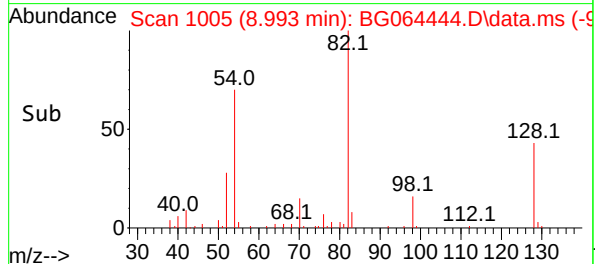
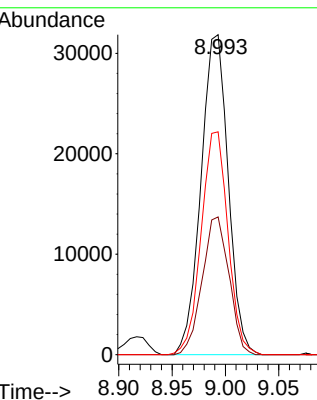
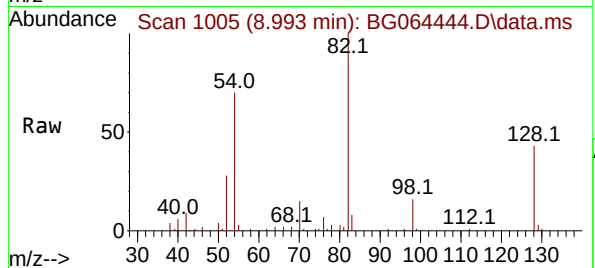
54 69.7 57.0 85.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 18.566 ng

RT: 9.034 min Scan# 1012

Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

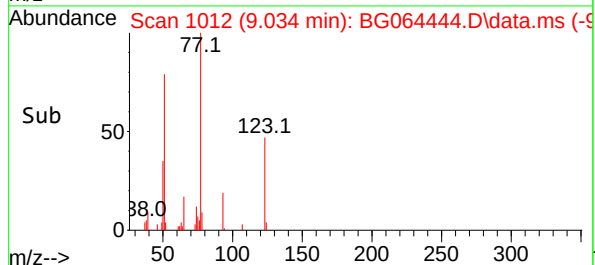
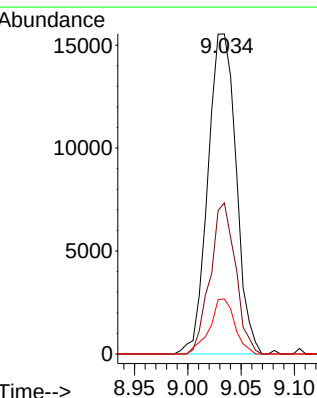
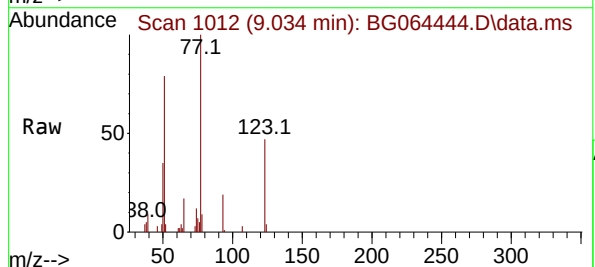
Tgt Ion: 77 Resp: 28642

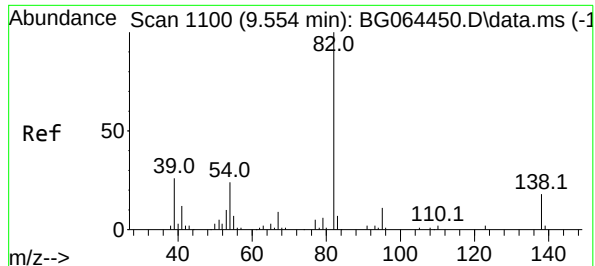
Ion Ratio Lower Upper

77 100

123 47.2 34.7 52.1

65 17.2 12.8 19.2





#25

Isophorone

Concen: 19.594 ng

RT: 9.551 min Scan# 1100

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

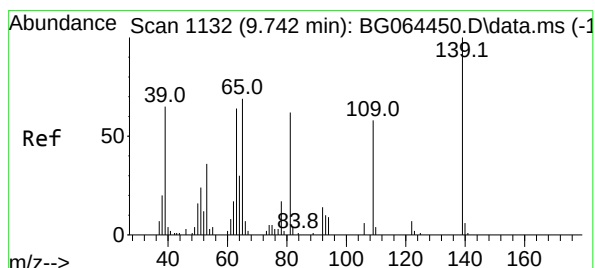
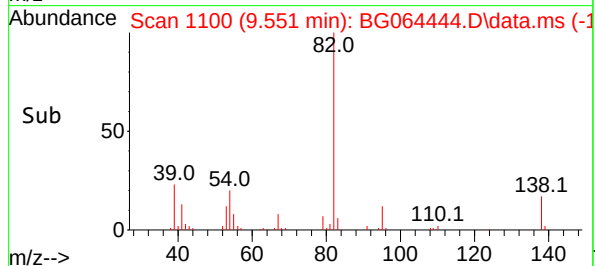
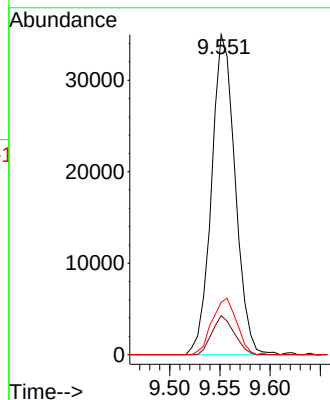
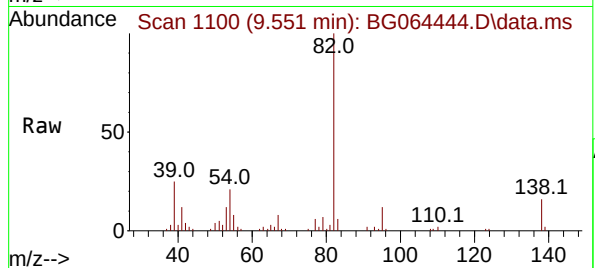
Tgt Ion:	82	Resp:	5729
Ion Ratio	Lower	Upper	
82	100		
95	12.2	8.5	12.7
138	16.3	14.3	21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 18.899 ng

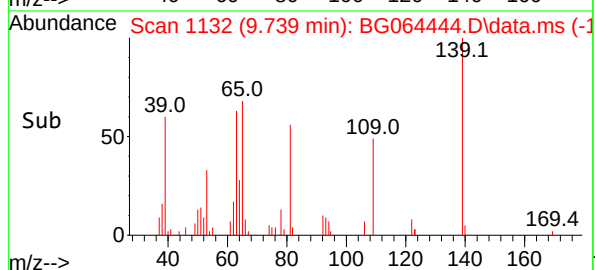
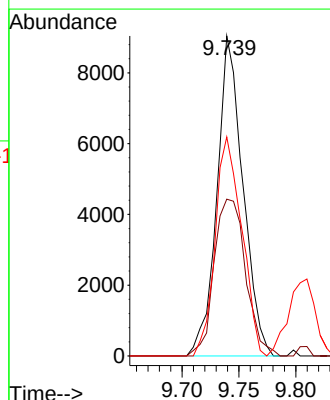
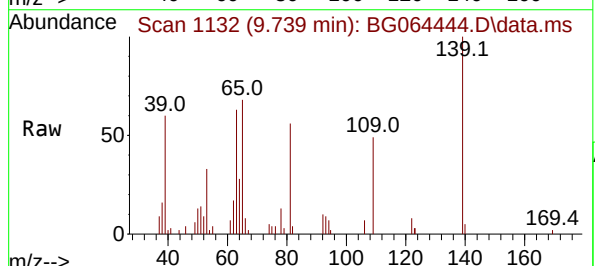
RT: 9.739 min Scan# 1132

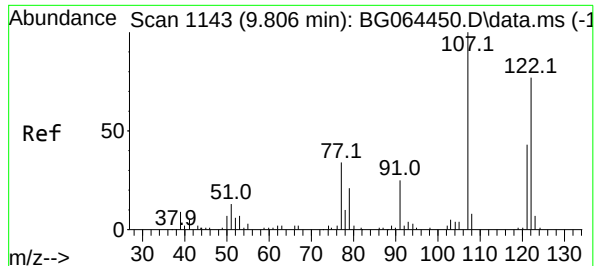
Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Tgt Ion:	139	Resp:	14352
Ion Ratio	Lower	Upper	
139	100		
109	49.0	46.6	70.0
65	68.5	54.9	82.3





#27

2,4-Dimethylphenol

Concen: 19.650 ng

RT: 9.804 min Scan# 1143

Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

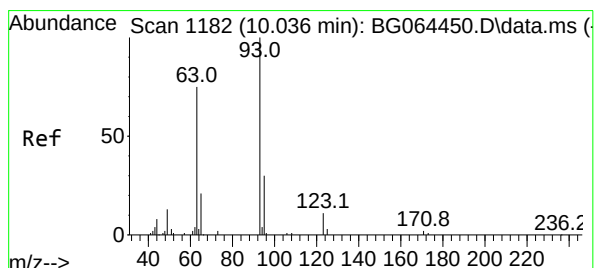
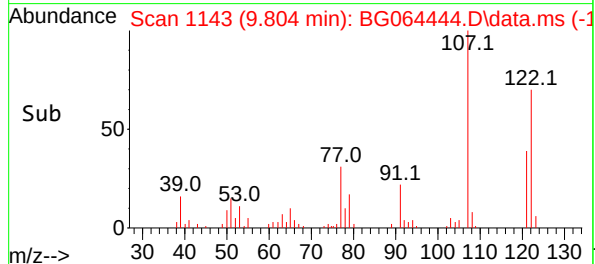
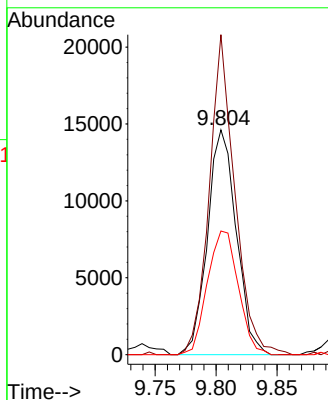
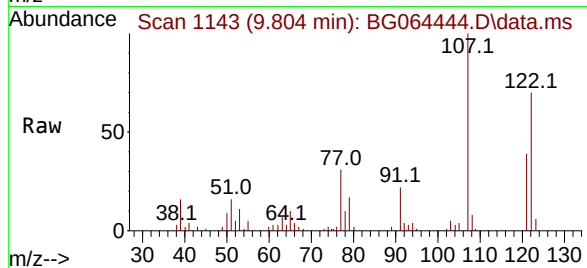
SSTDICC020

Tgt Ion:122 Resp: 2406
Ion Ratio Lower Upper
122 100
107 142.3 102.6 153.8
121 55.0 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.186 ng

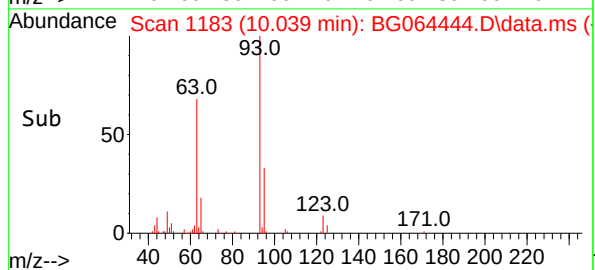
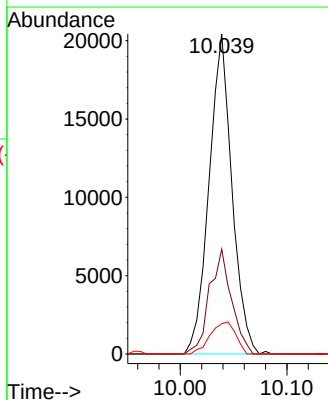
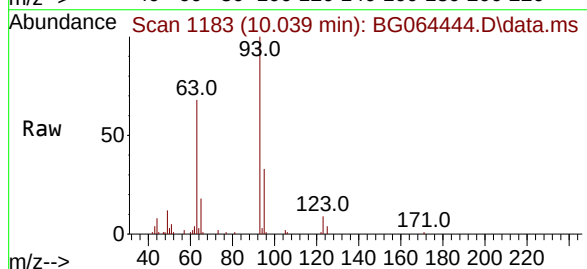
RT: 10.039 min Scan# 1183

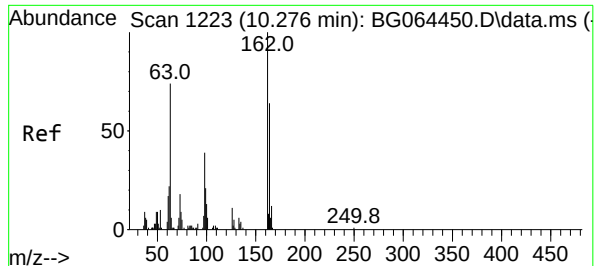
Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Tgt Ion: 93 Resp: 30496
Ion Ratio Lower Upper
93 100
95 32.8 24.0 36.0
123 9.5 9.0 13.4





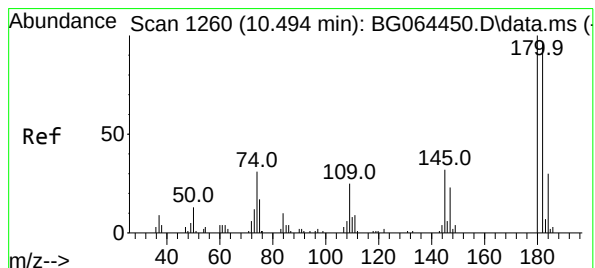
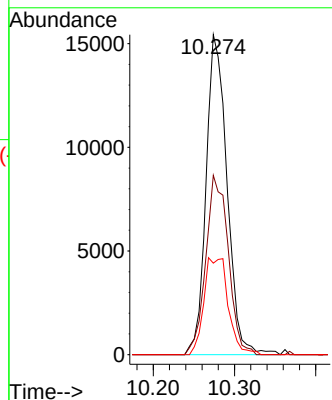
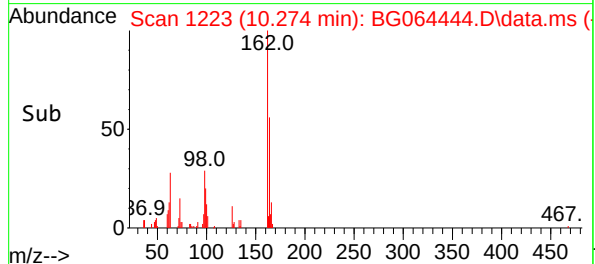
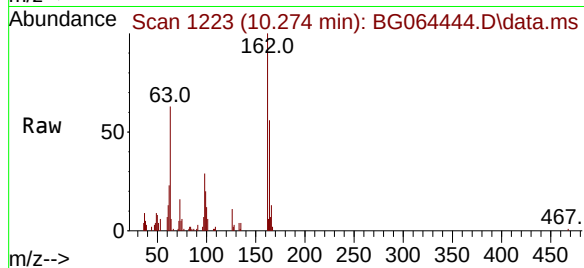
#29
2,4-Dichlorophenol
Concen: 19.614 ng
RT: 10.274 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 27649
Ion Ratio Lower Upper
162 100
164 56.1 43.7 83.7
98 28.6 19.2 59.2

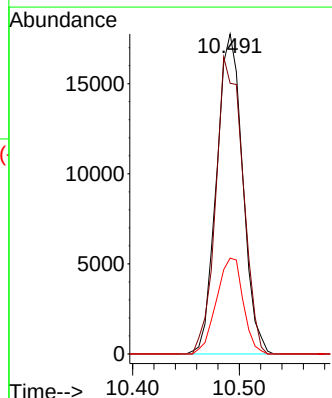
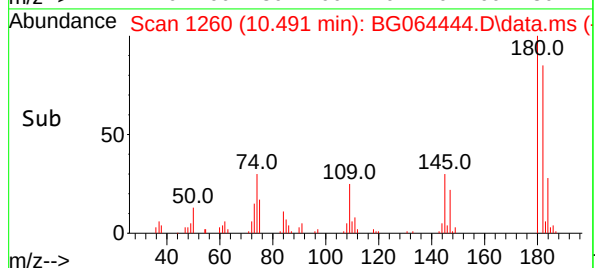
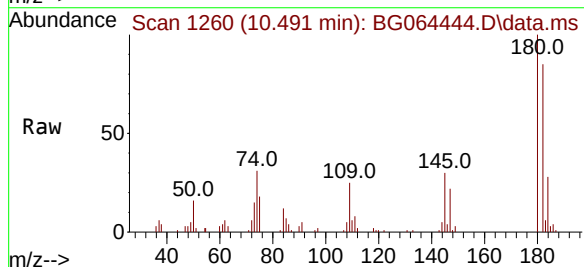
Manual Integrations
APPROVED

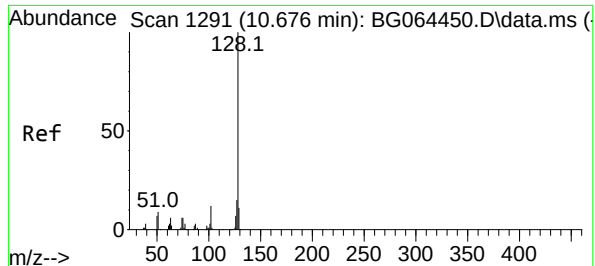
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 20.004 ng
RT: 10.491 min Scan# 1260
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

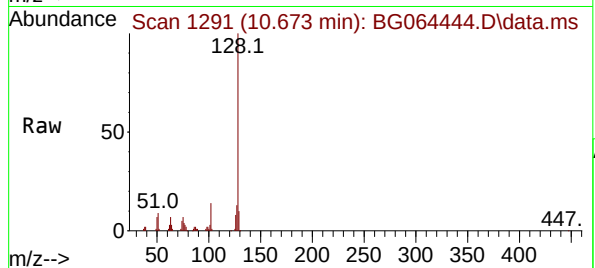
Tgt Ion:180 Resp: 30162
Ion Ratio Lower Upper
180 100
182 84.6 77.0 115.4
145 29.9 25.4 38.2





#31
Naphthalene
Concen: 19.909 ng
RT: 10.673 min Scan# 1163
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

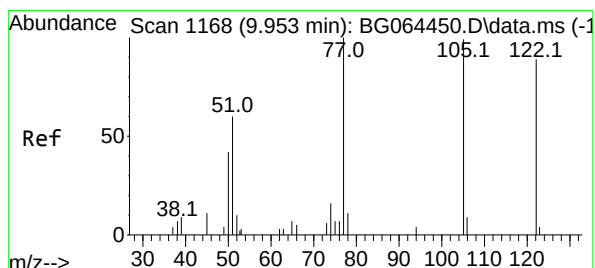
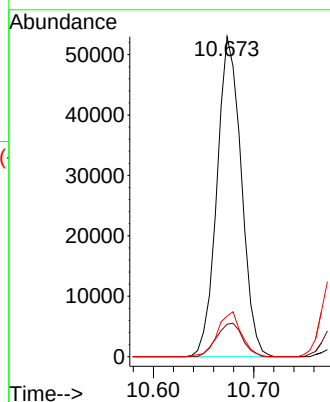
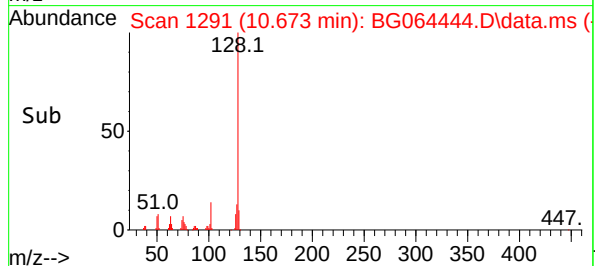
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 89024
Ion Ratio Lower Upper
128 100
129 10.1 9.2 13.8
127 12.6 12.1 18.1

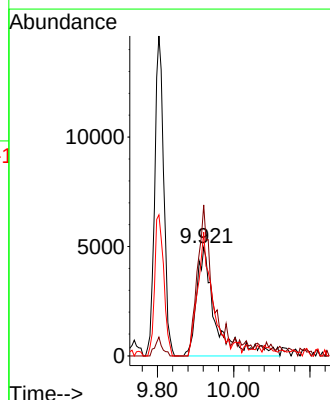
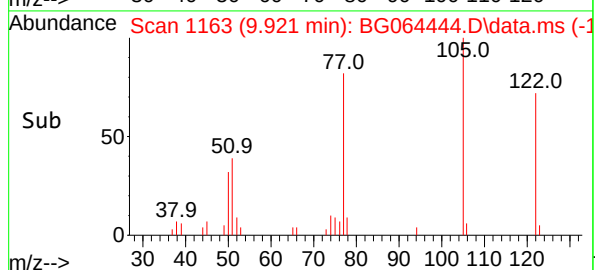
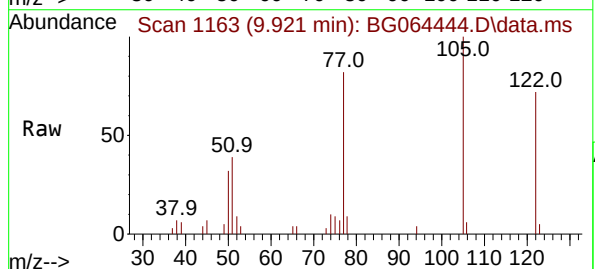
Manual Integrations
APPROVED

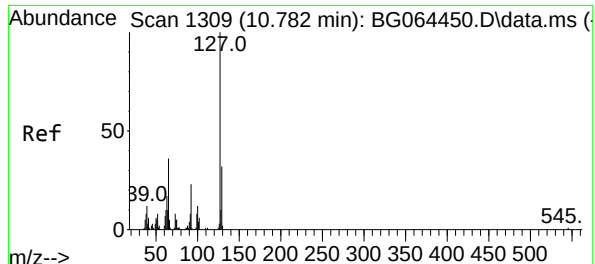
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 19.303 ng m
RT: 9.921 min Scan# 1163
Delta R.T. -0.032 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:122 Resp: 17492
Ion Ratio Lower Upper
122 100
105 139.2 91.0 131.0#
77 114.0 92.2 132.2





#33

4-Chloroaniline

Concen: 19.906 ng

RT: 10.785 min Scan# 1309

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 3256

Ion Ratio Lower Upper

127 100

129 32.7 25.7 38.5

65 33.9 28.6 43.0

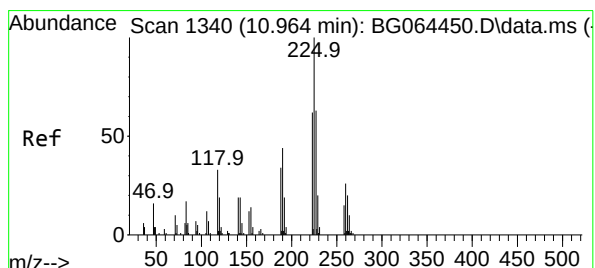
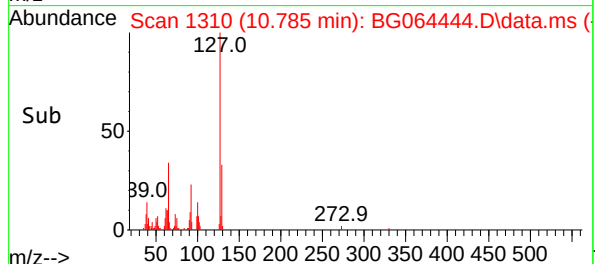
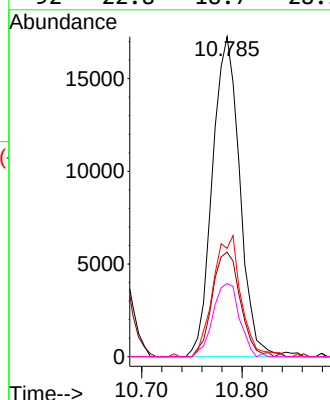
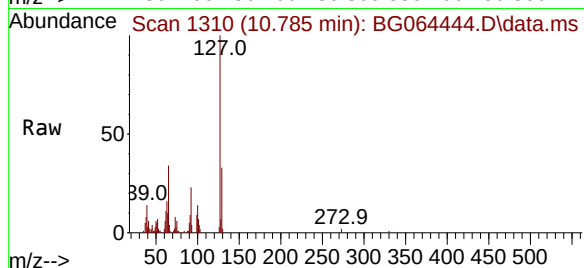
92 22.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#34

Hexachlorobutadiene

Concen: 19.606 ng

RT: 10.967 min Scan# 1341

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

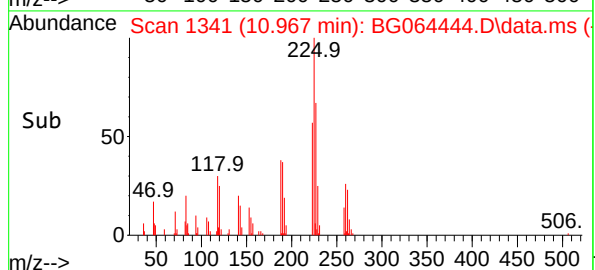
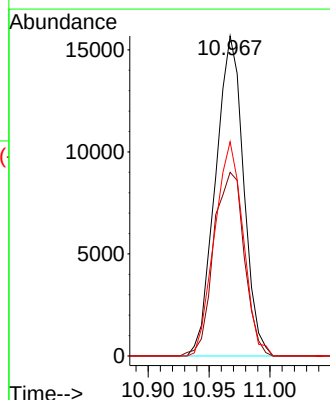
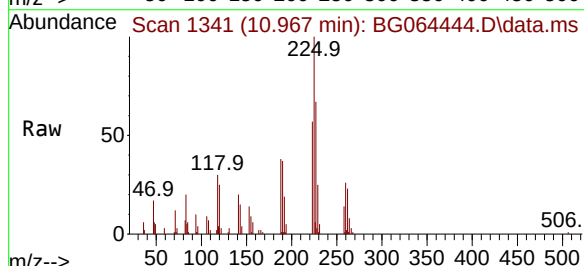
Tgt Ion:225 Resp: 25180

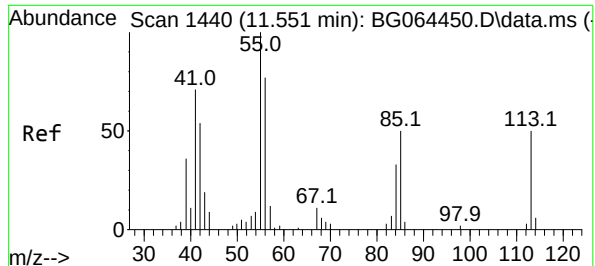
Ion Ratio Lower Upper

225 100

223 57.4 49.4 74.2

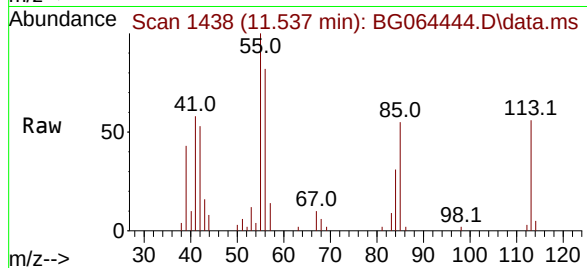
227 67.0 50.0 75.0





#35
Caprolactam
Concen: 21.423 ng
RT: 11.537 min Scan# 1440
Delta R.T. -0.014 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

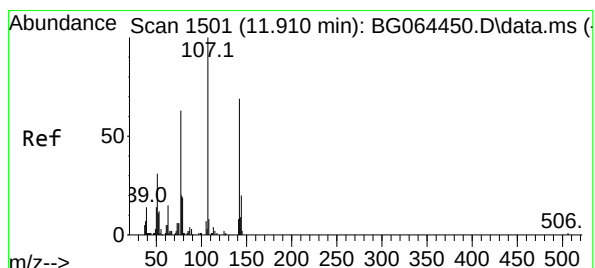
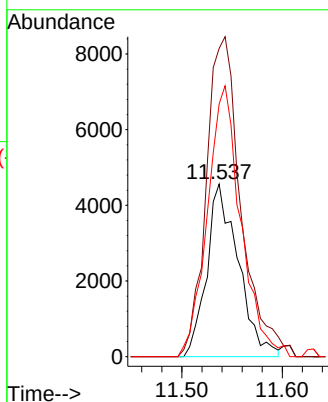
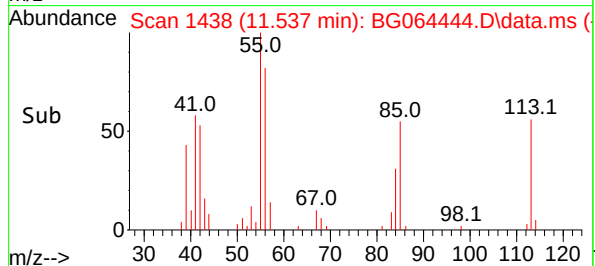
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 9964
Ion Ratio Lower Upper
113 100
55 178.6 178.3 218.3
56 146.4 132.4 172.4

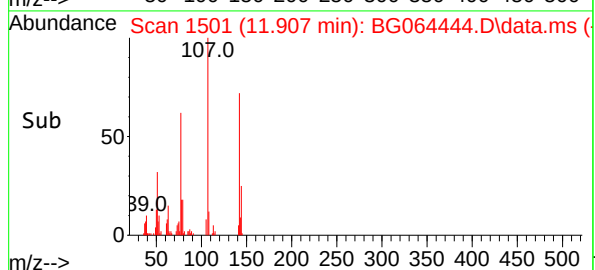
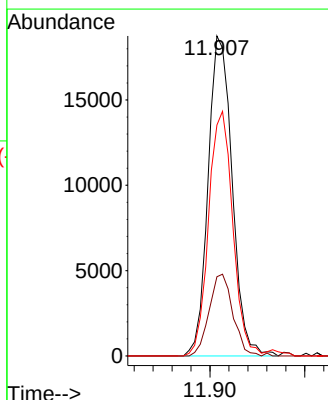
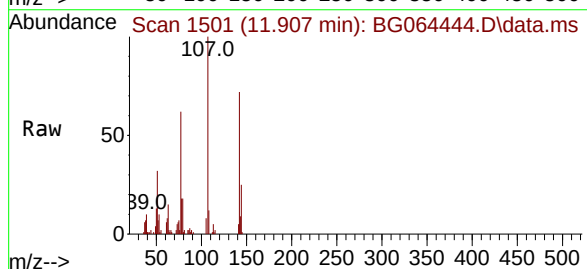
Manual Integrations
APPROVED

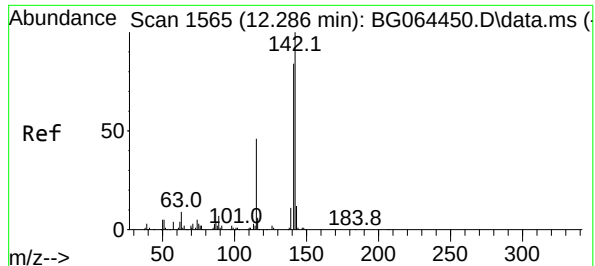
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 19.794 ng
RT: 11.907 min Scan# 1501
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

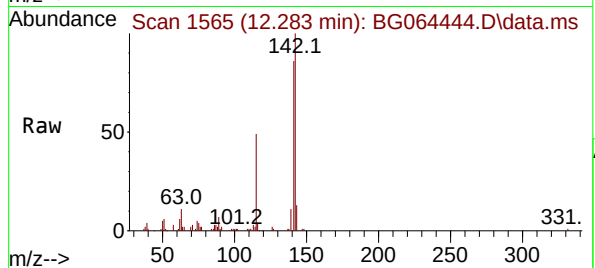
Tgt Ion:107 Resp: 33073
Ion Ratio Lower Upper
107 100
144 24.7 16.3 24.5#
142 72.2 55.5 83.3





#37
2-Methylnaphthalene
Concen: 19.991 ng
RT: 12.283 min Scan# 1565
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

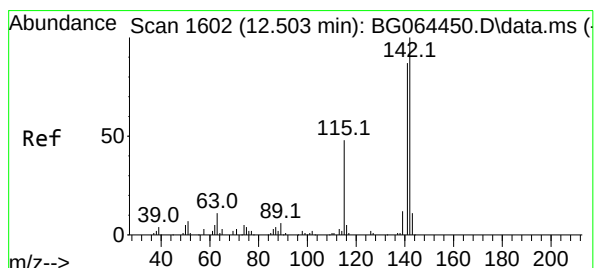
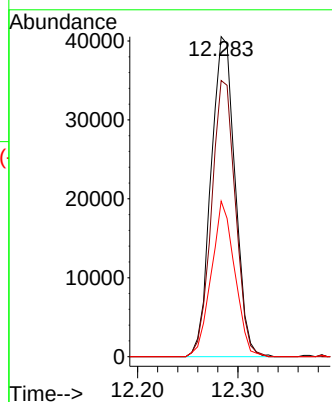
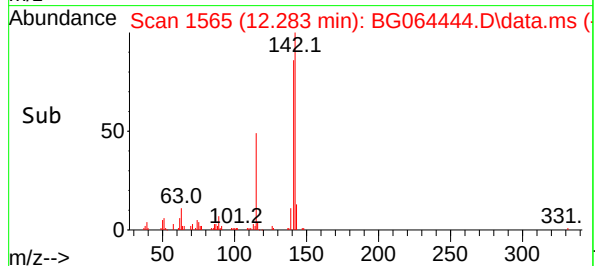
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 6750
Ion Ratio Lower Upper
142 100
141 86.3 67.3 100.9
115 48.6 37.0 55.4

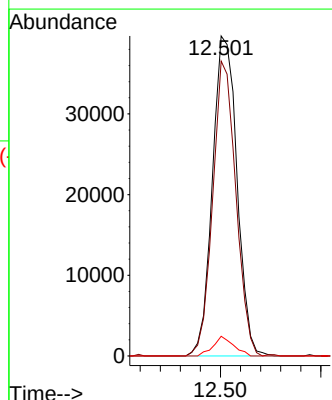
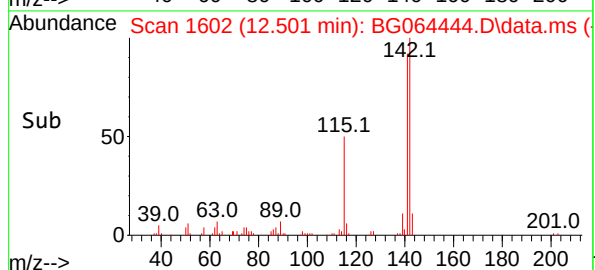
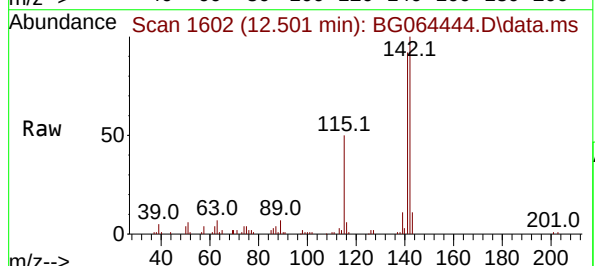
Manual Integrations
APPROVED

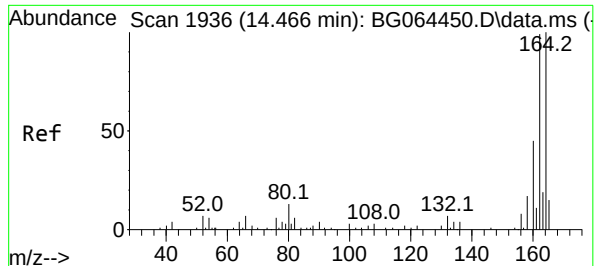
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 20.293 ng
RT: 12.501 min Scan# 1602
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:142 Resp: 67324
Ion Ratio Lower Upper
142 100
141 92.2 69.2 103.8
116 6.2 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

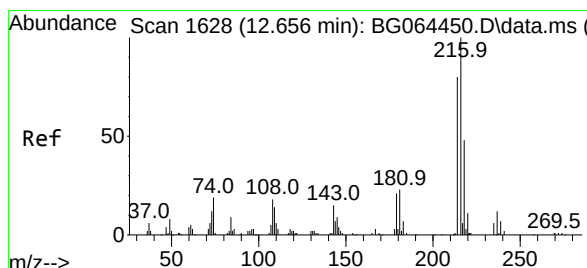
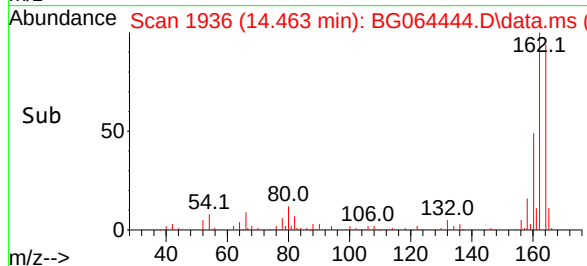
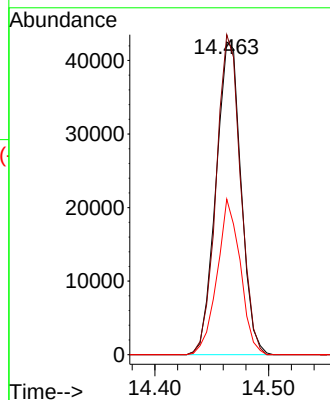
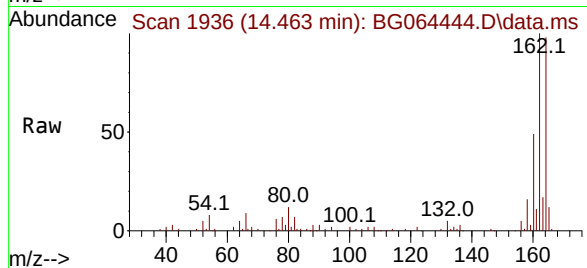
Tgt Ion:164	Resp:	65094
Ion	Ratio	Lower Upper
164	100	
162	102.3	79.0 118.4
160	49.7	36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.094 ng

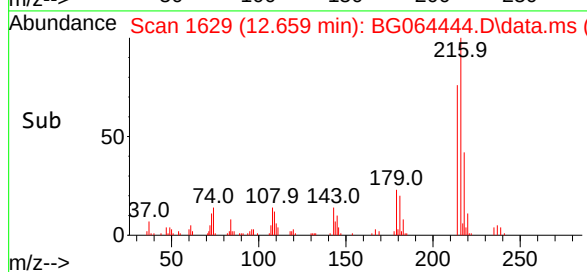
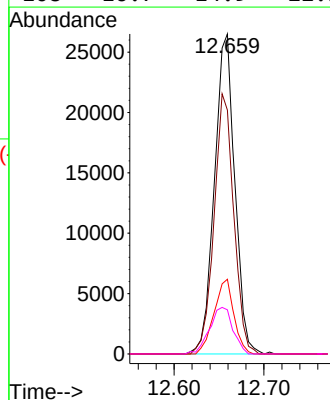
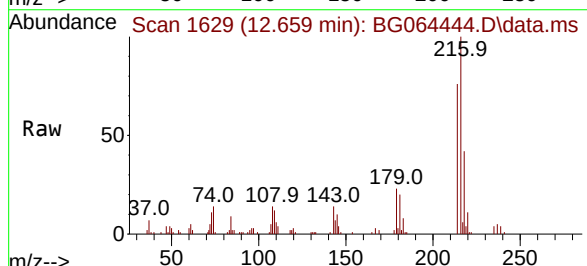
RT: 12.659 min Scan# 1629

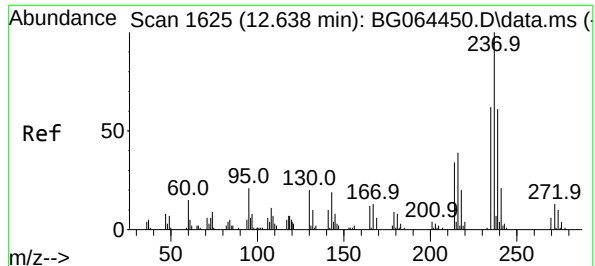
Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

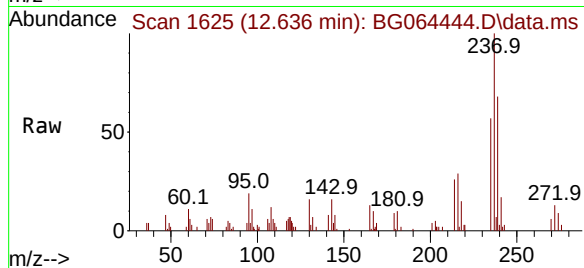
Tgt Ion:216	Resp:	41687
Ion	Ratio	Lower Upper
216	100	
214	78.5	63.1 94.7
179	22.8	17.4 26.2
108	16.7	14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 18.327 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

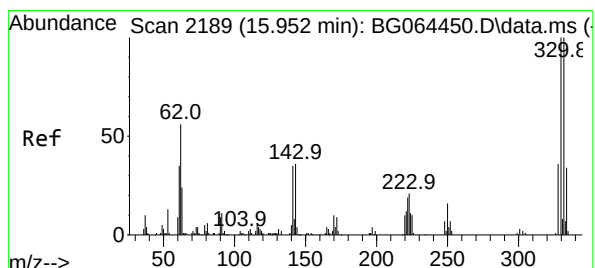
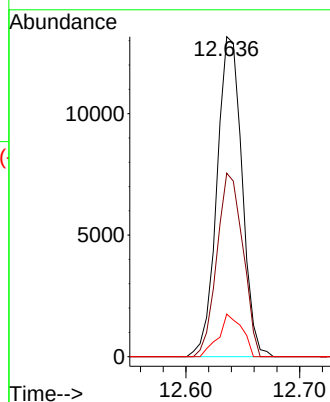
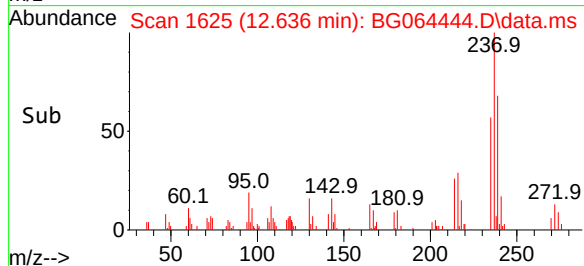
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



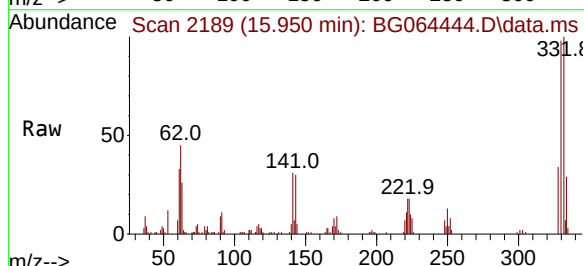
Tgt Ion: 237 Resp: 20192
Ion Ratio Lower Upper
237 100
235 57.3 42.2 82.2
272 13.3 0.0 32.8

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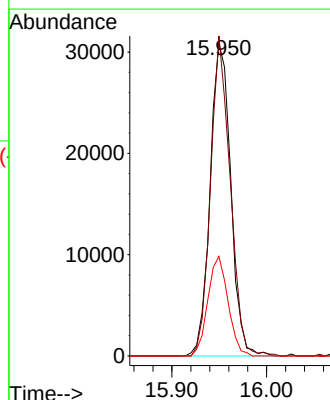
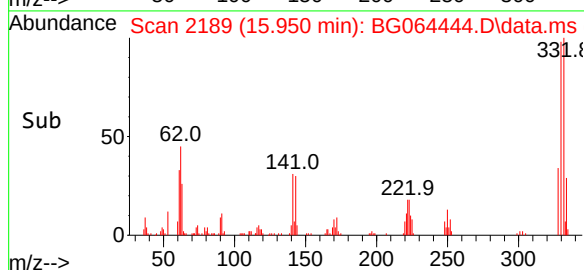
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

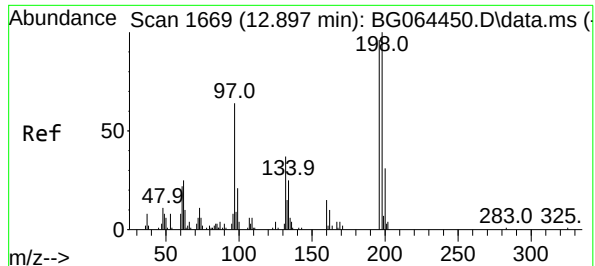


#42
2,4,6-Tribromophenol
Concen: 41.065 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59



Tgt Ion: 330 Resp: 46665
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 31.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 19.863 ng

RT: 12.894 min Scan# 1669

Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

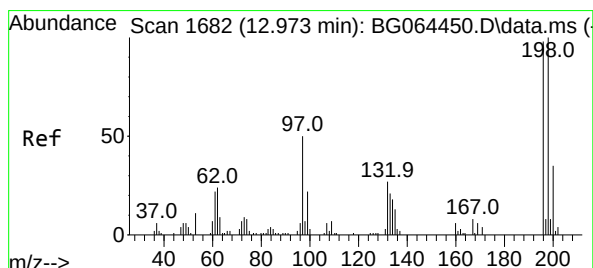
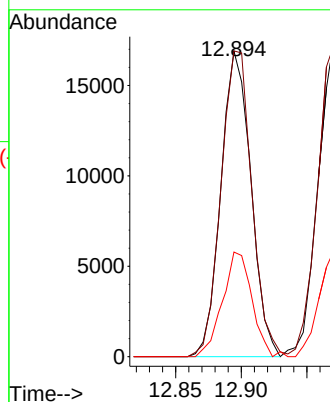
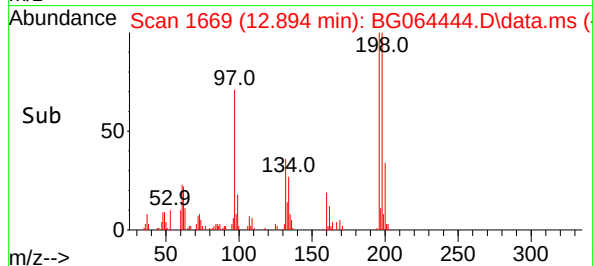
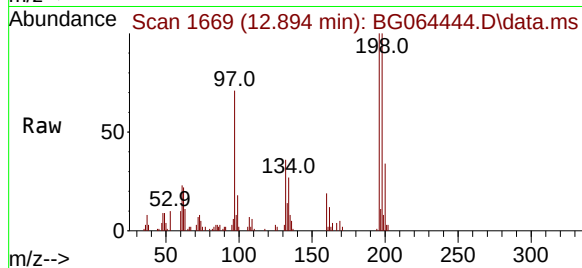
Tgt Ion:196	Resp:	26879
Ion Ratio	Lower	Upper
196	100	
198	100.0	83.8 125.6
200	34.2	26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 20.102 ng

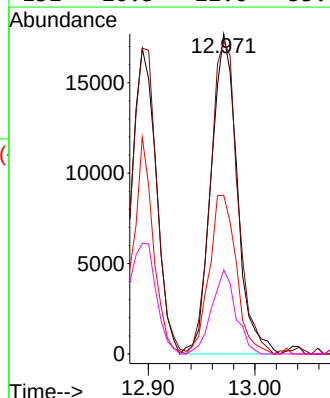
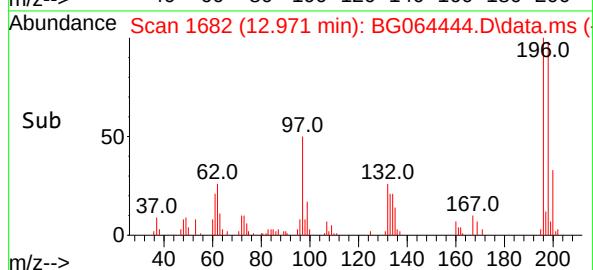
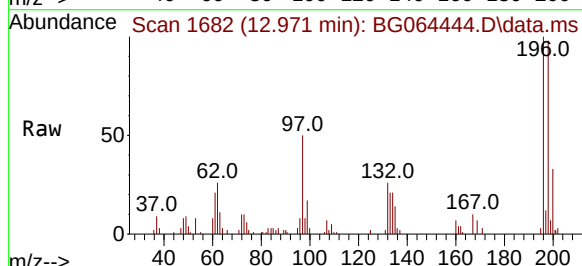
RT: 12.971 min Scan# 1682

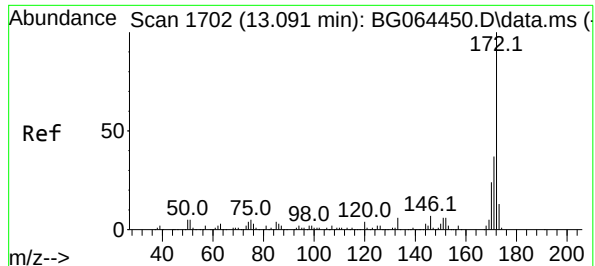
Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

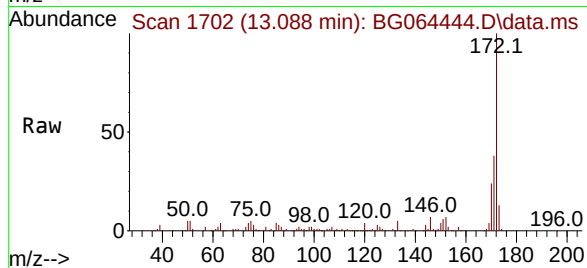
Tgt Ion:196	Resp:	30157
Ion Ratio	Lower	Upper
196	100	
198	97.7	80.9 121.3
97	49.6	40.5 60.7
132	26.3	22.6 33.8





#45
2-Fluorobiphenyl
Concen: 39.940 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

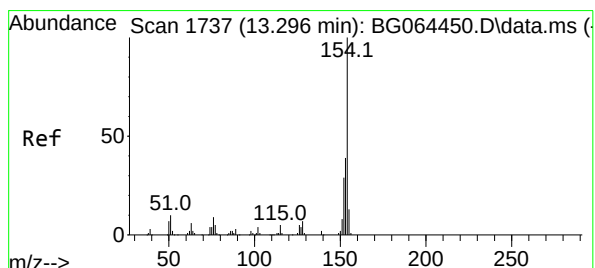
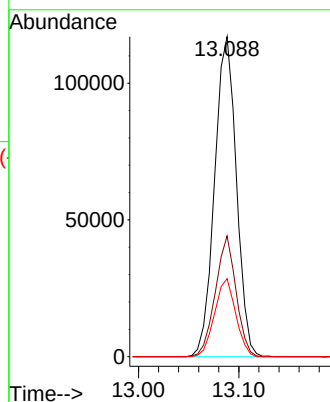
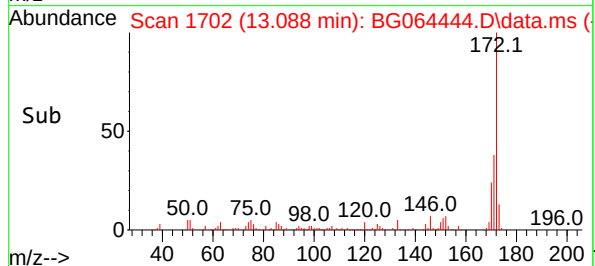
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



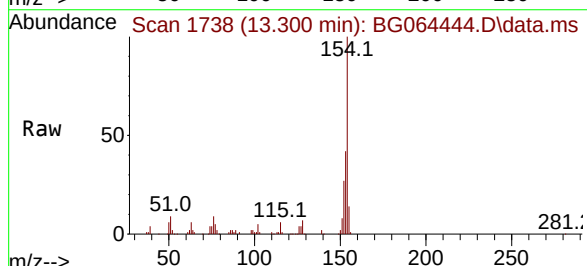
Tgt Ion:172 Resp: 17606
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.4 18.9 28.3

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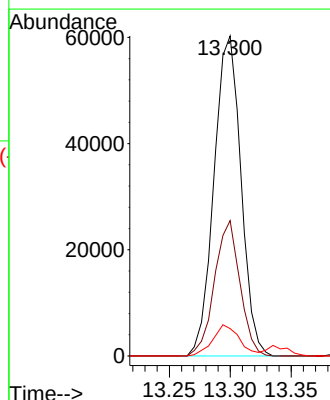
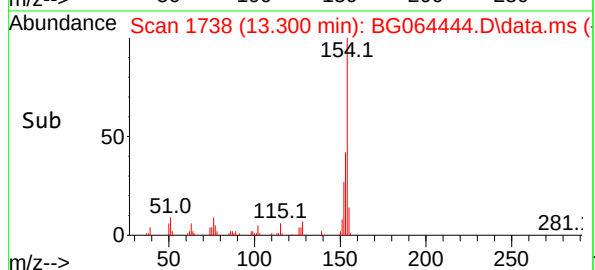
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

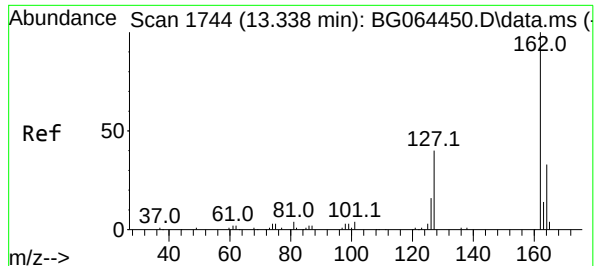


#46
1,1'-Biphenyl
Concen: 20.013 ng
RT: 13.300 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59



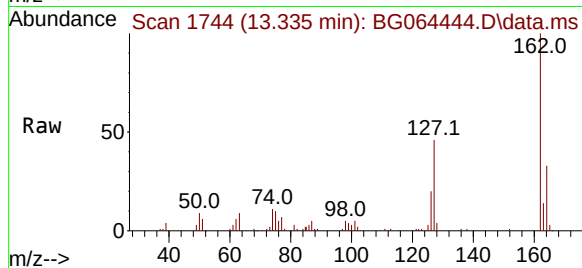
Tgt Ion:154 Resp: 92670
Ion Ratio Lower Upper
154 100
153 42.3 18.8 58.8
76 8.6 0.0 28.8





#47
2-Chloronaphthalene
Concen: 20.190 ng
RT: 13.335 min Scan# 1744
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

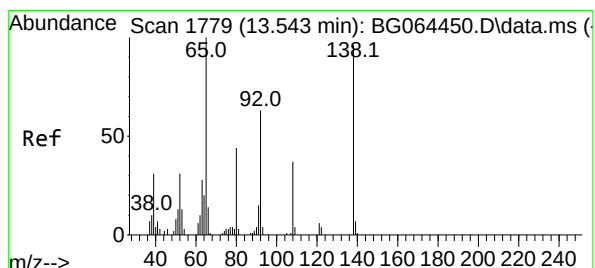
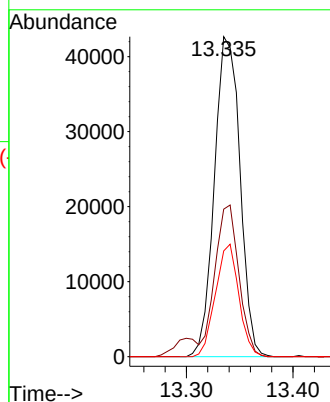
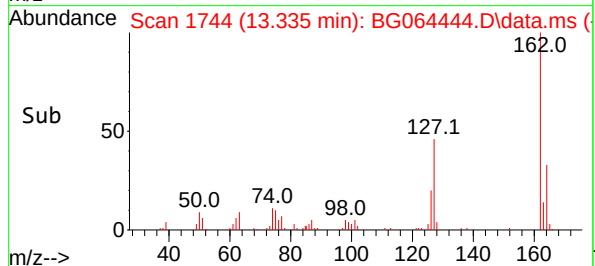
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 7105
Ion Ratio Lower Upper
162 100
127 46.1 36.2 54.4
164 33.0 26.2 39.2

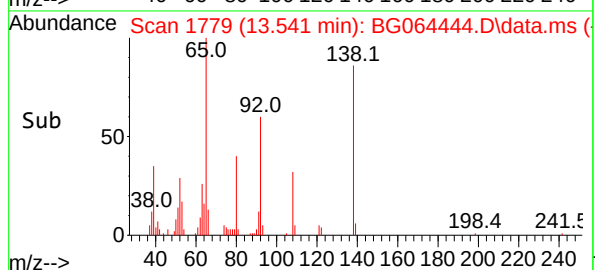
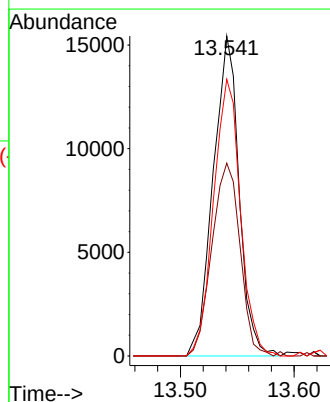
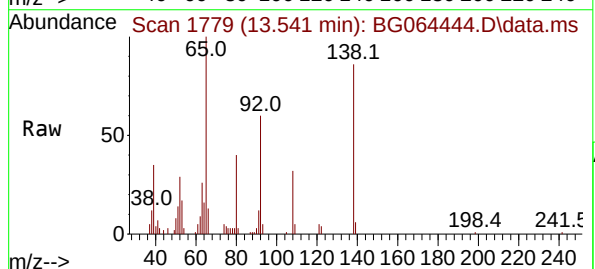
Manual Integrations
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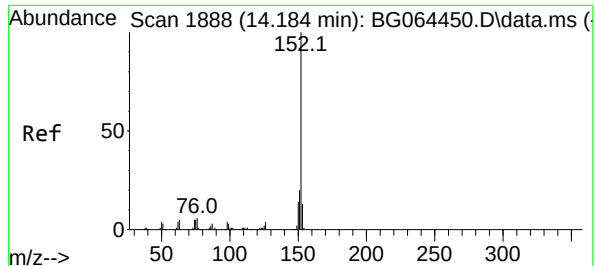
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 20.174 ng
RT: 13.541 min Scan# 1779
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 65 Resp: 24402
Ion Ratio Lower Upper
65 100
92 60.3 50.6 75.8
138 86.5 76.4 114.6





#49

Acenaphthylene

Concen: 20.007 ng

RT: 14.187 min Scan# 1888

Delta R.T. 0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 10453

Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

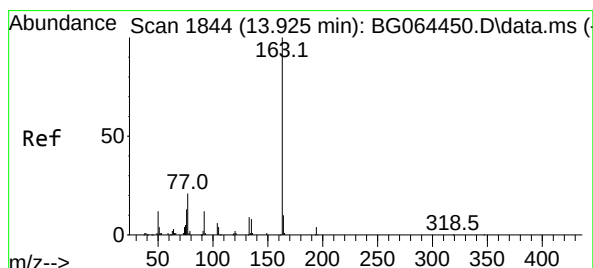
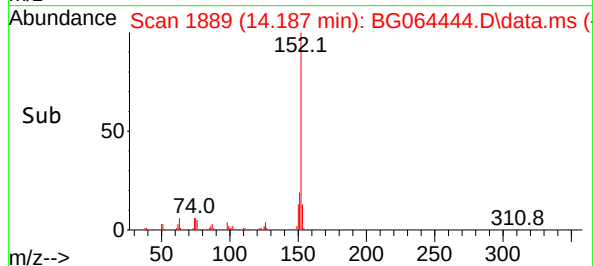
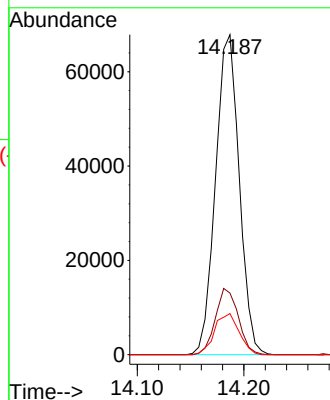
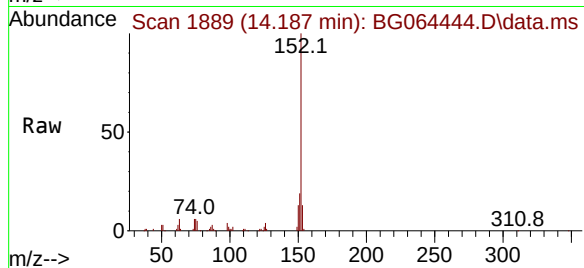
153 12.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 19.631 ng

RT: 13.923 min Scan# 1844

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

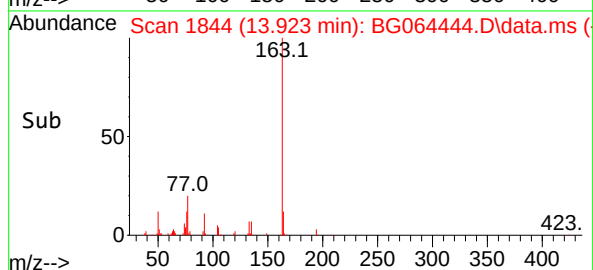
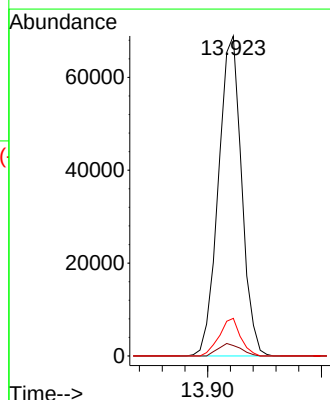
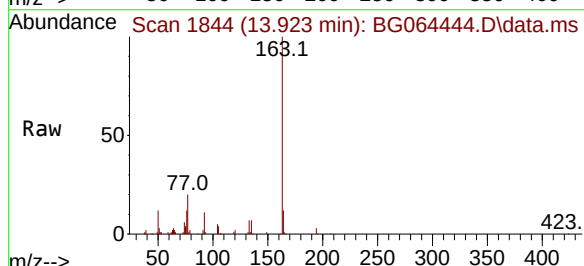
Tgt Ion:163 Resp: 97621

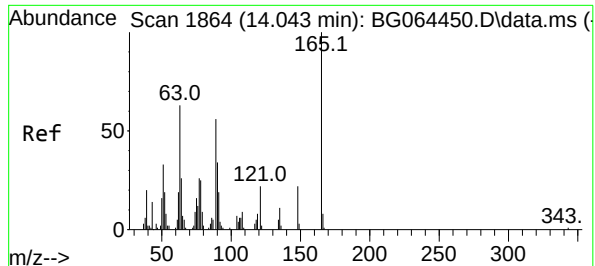
Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

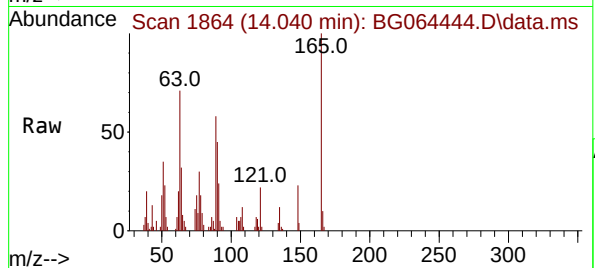
164 11.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 20.241 ng
RT: 14.040 min Scan# 1864
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

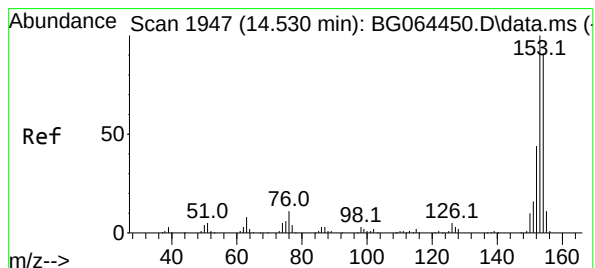
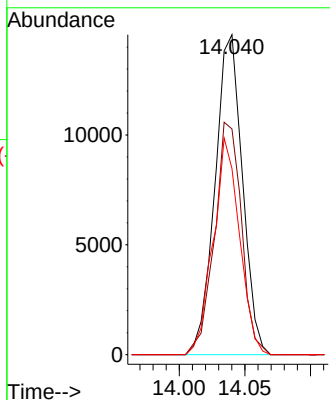
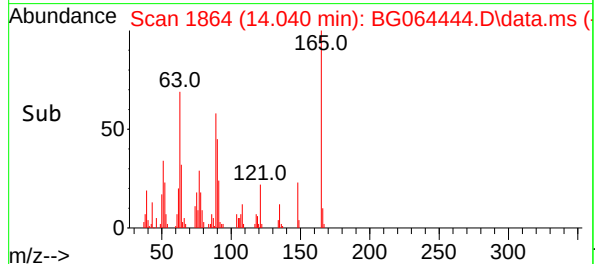
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 2114
Ion Ratio Lower Upper
165 100
63 70.5 50.6 75.8
89 58.1 44.6 67.0

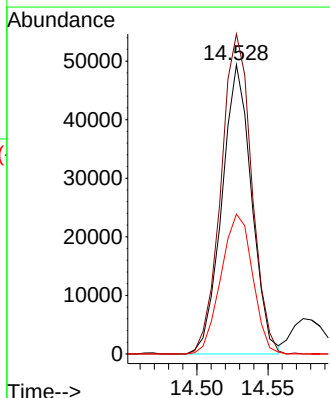
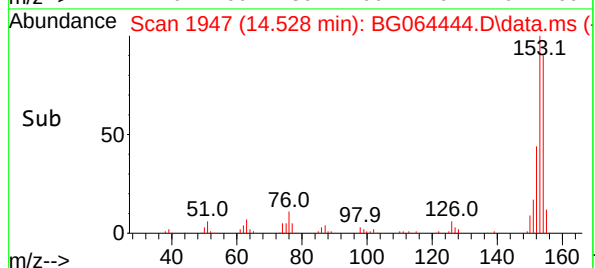
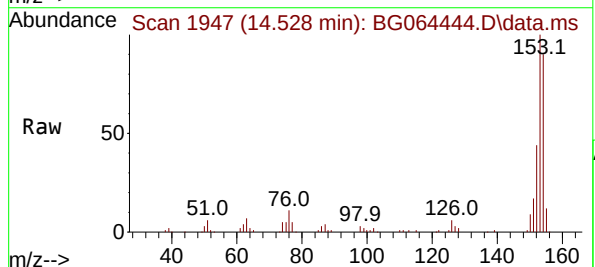
Manual Integrations
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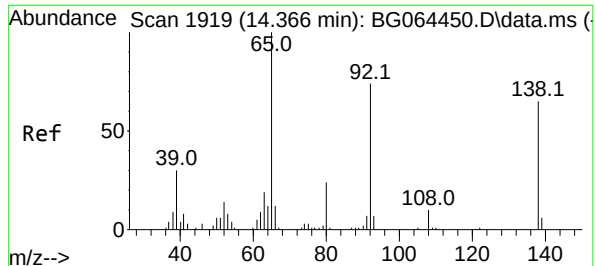
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 20.043 ng
RT: 14.528 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

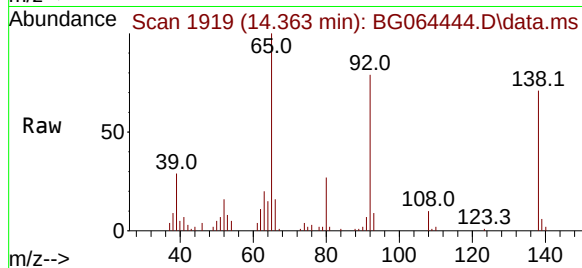
Tgt Ion:154 Resp: 71666
Ion Ratio Lower Upper
154 100
153 110.6 88.1 132.1
152 48.3 39.0 58.4





#53
3-Nitroaniline
Concen: 20.266 ng
RT: 14.363 min Scan# 1919
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

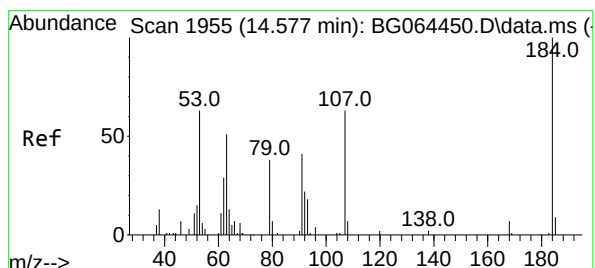
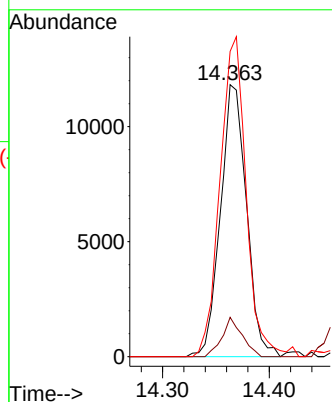
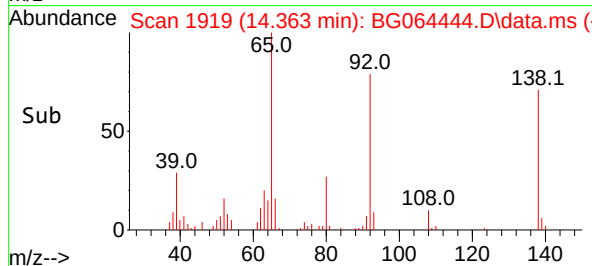
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 2005
Ion Ratio Lower Upper
138 100
108 14.5 12.4 18.6
92 112.2 91.0 136.6

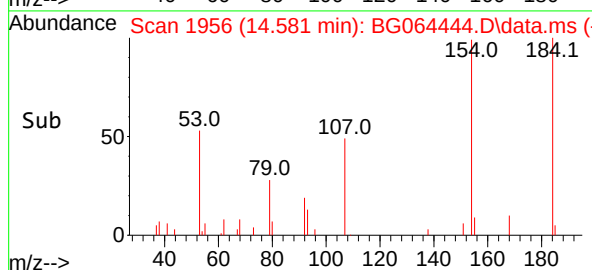
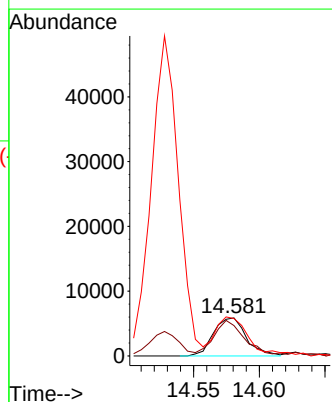
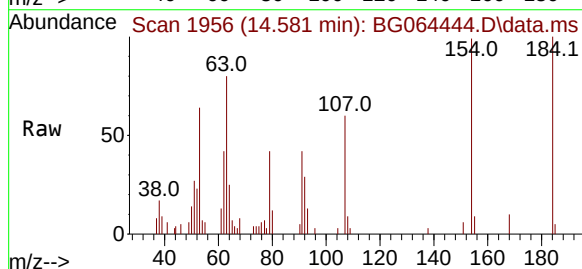
Manual Integrations
APPROVED

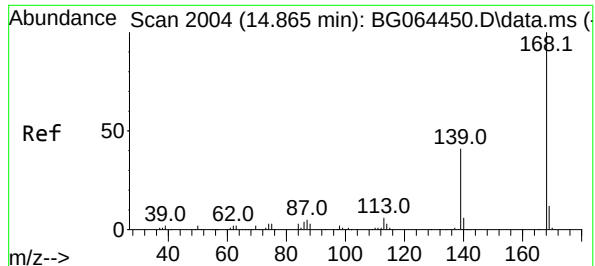
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 14.755 ng
RT: 14.581 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

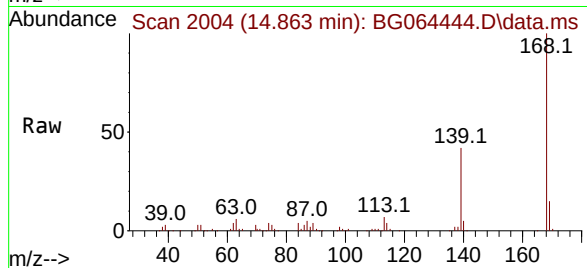
Tgt Ion:184 Resp: 10235
Ion Ratio Lower Upper
184 100
63 79.9 69.8 104.8
154 98.6 74.2 111.4





#55
Dibenzenofuran
Concen: 20.012 ng
RT: 14.863 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

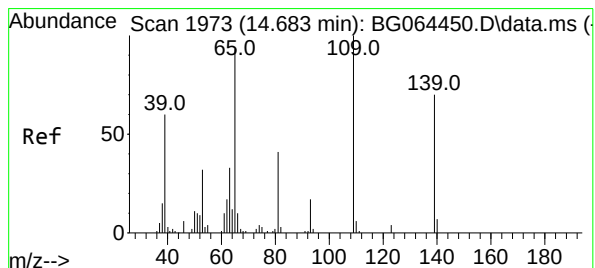
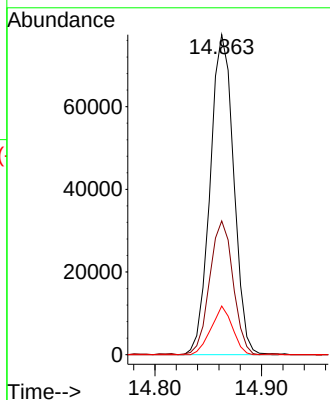
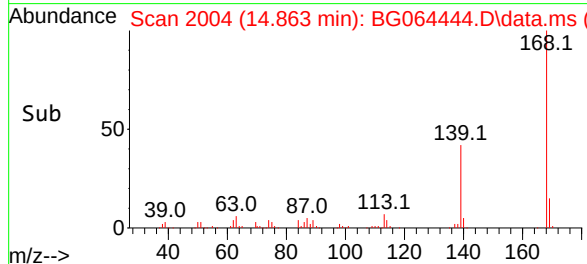
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 118639
Ion Ratio Lower Upper
168 100
139 41.8 33.3 49.9
169 15.2 9.9 14.9

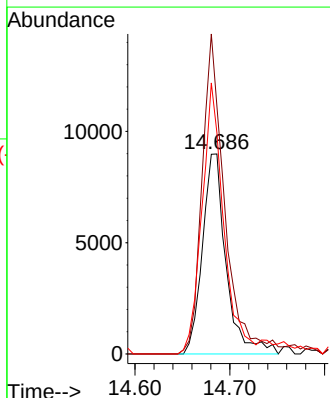
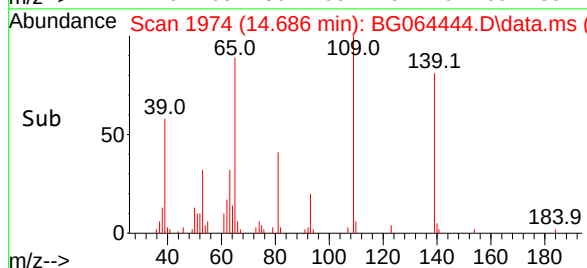
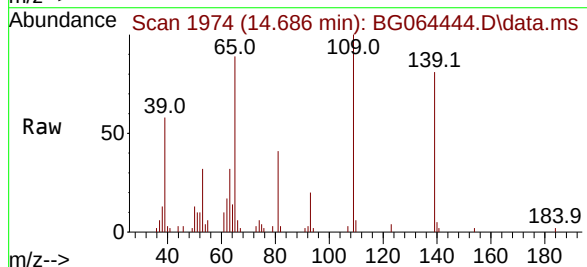
Manual Integrations
APPROVED

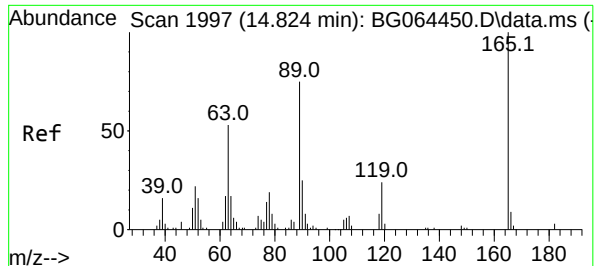
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 19.461 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:139 Resp: 15591
Ion Ratio Lower Upper
139 100
109 123.8 122.5 162.5
65 110.6 113.0 153.0#





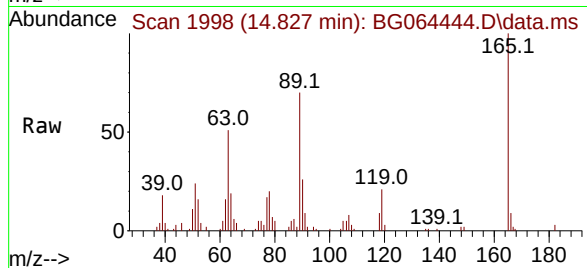
#57
2,4-Dinitrotoluene
Concen: 20.112 ng
RT: 14.827 min Scan# 1997
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

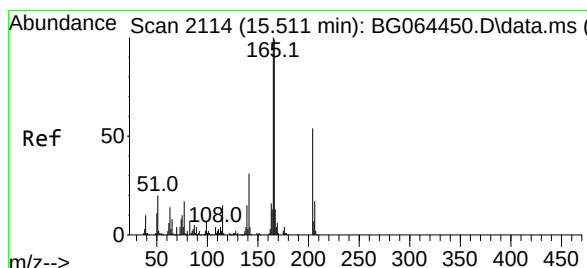
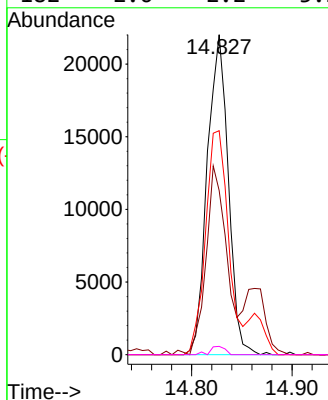
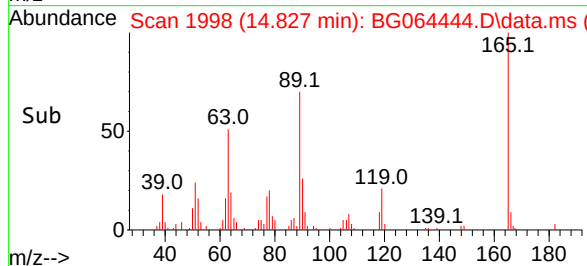


Tgt Ion:165 Resp: 32070
Ion Ratio Lower Upper
165 100
63 51.3 42.6 63.8
89 70.0 59.7 89.5
182 2.6 2.2 3.2

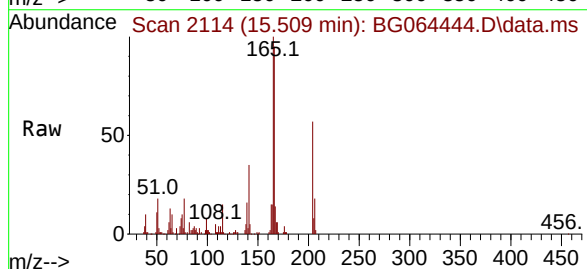
Manual Integrations

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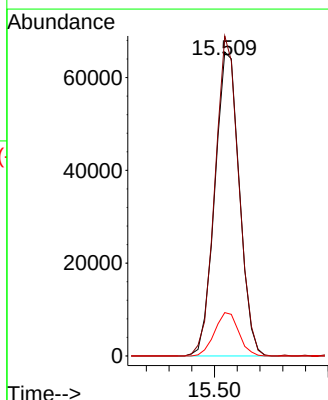
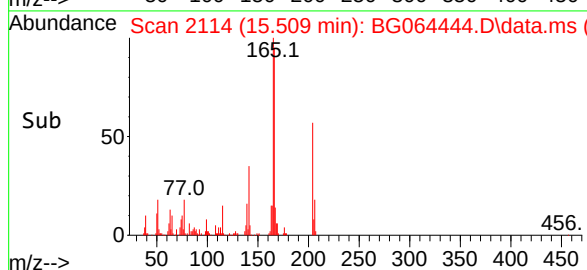
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

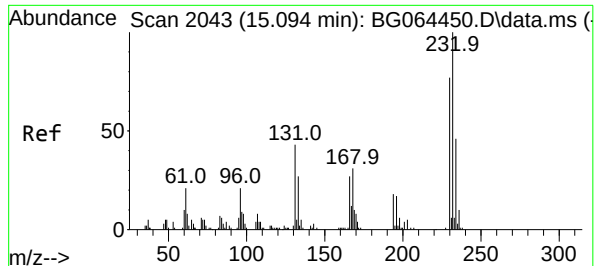


#58
Fluorene
Concen: 20.029 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59



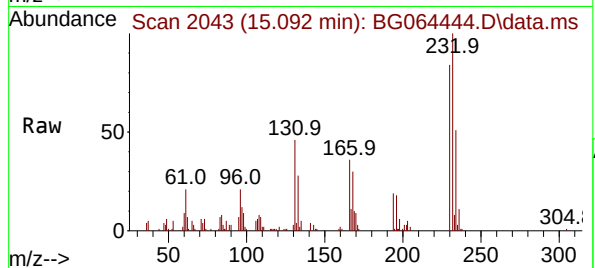
Tgt Ion:166 Resp: 98019
Ion Ratio Lower Upper
166 100
165 105.3 81.1 121.7
167 14.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.100 ng
RT: 15.092 min Scan# 2043
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

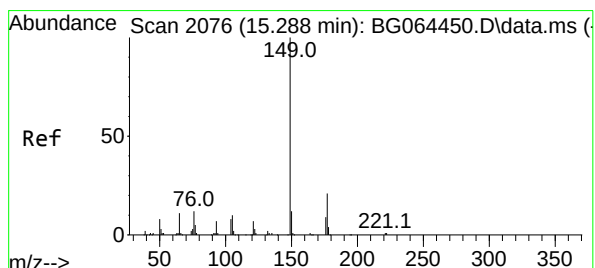
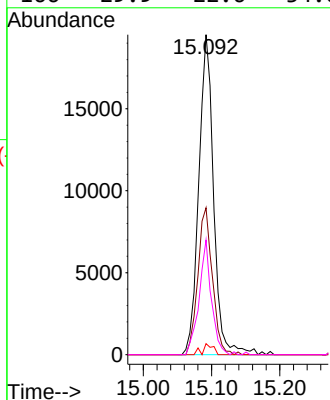
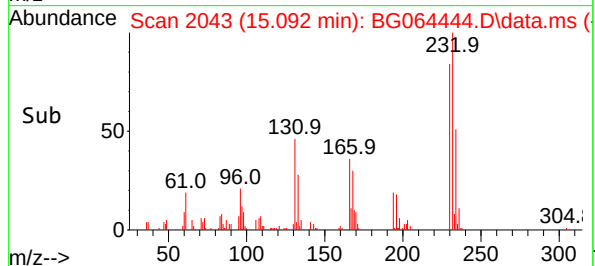
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 2959
Ion Ratio Lower Upper
232 100
131 44.9 34.3 51.5
130 2.4 2.3 3.5
166 29.9 22.6 34.0

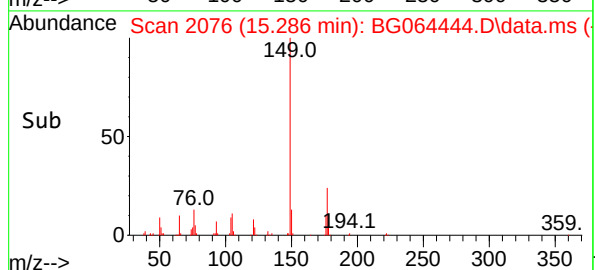
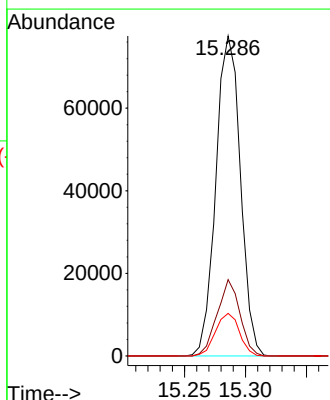
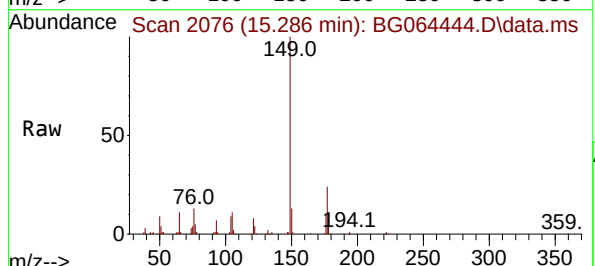
Manual Integrations
APPROVED

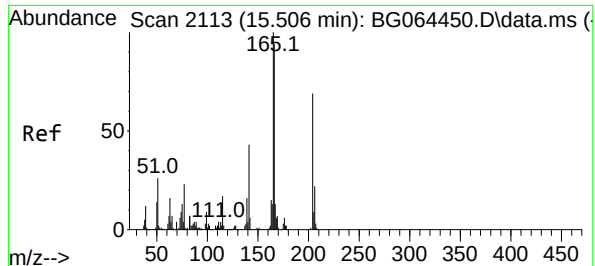
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#60
Diethylphthalate
Concen: 20.259 ng
RT: 15.286 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:149 Resp: 108550
Ion Ratio Lower Upper
149 100
177 23.8 17.1 25.7
150 13.3 9.5 14.3





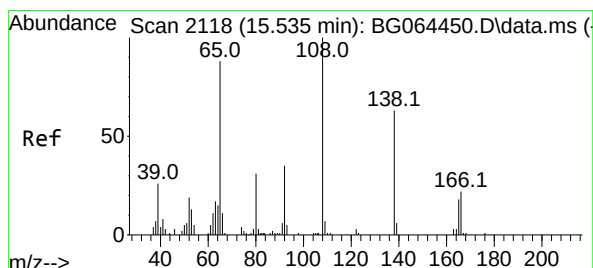
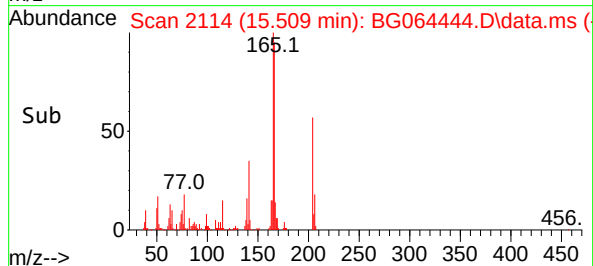
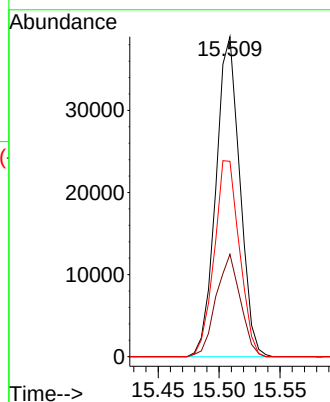
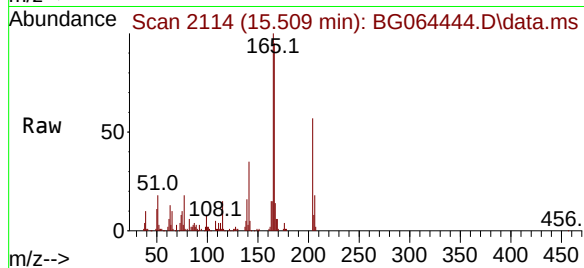
#61
4-Chlorophenyl-phenylether
Concen: 19.921 ng
RT: 15.509 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 5323
Ion Ratio Lower Upper
204 100
206 32.0 25.0 37.6
141 61.1 49.7 74.5

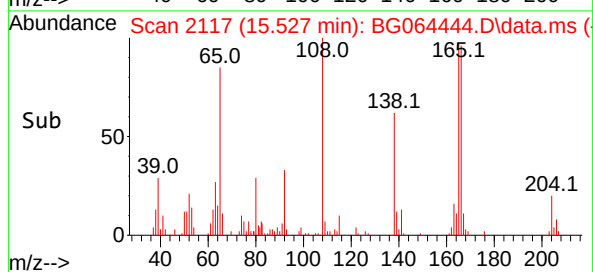
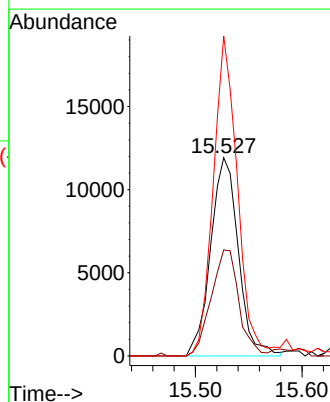
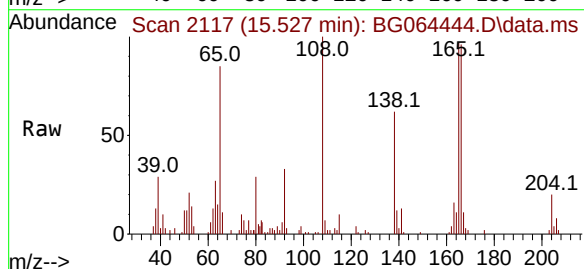
Manual Integrations
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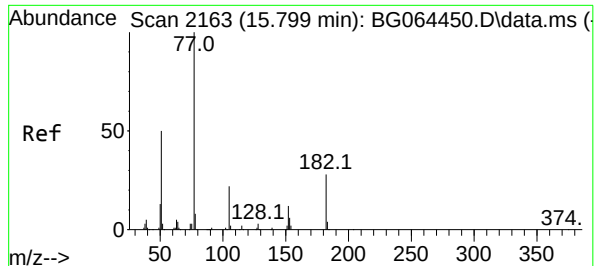
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 20.243 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.008 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

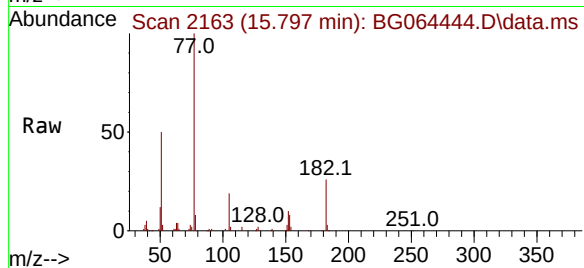
Tgt Ion:138 Resp: 21483
Ion Ratio Lower Upper
138 100
92 53.5 35.0 75.0
108 161.4 137.5 177.5





#63
Azobenzene
Concen: 20.193 ng
RT: 15.797 min Scan# 2163
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

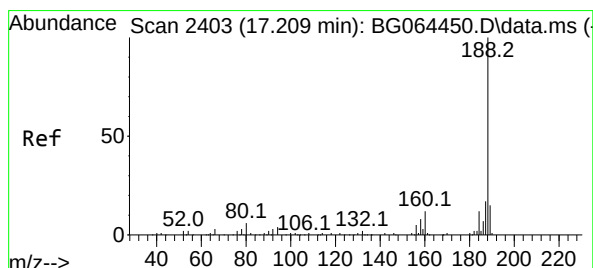
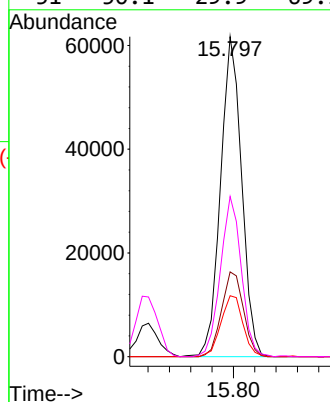
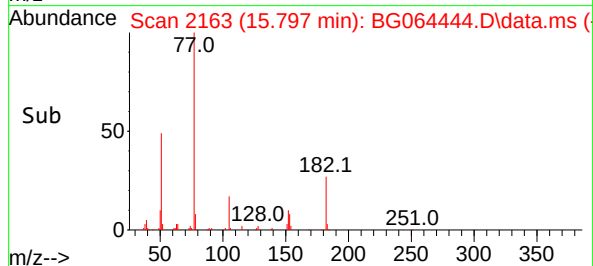
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 84660
Ion Ratio Lower Upper
77 100
182 26.5 8.1 48.1
105 19.1 1.9 41.9
51 50.1 29.9 69.9

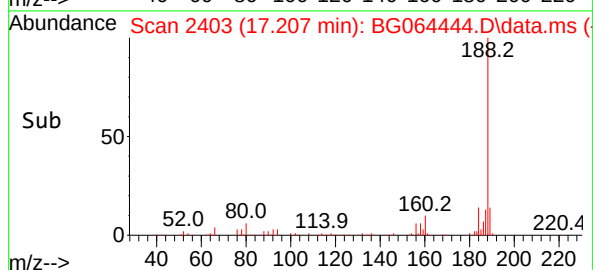
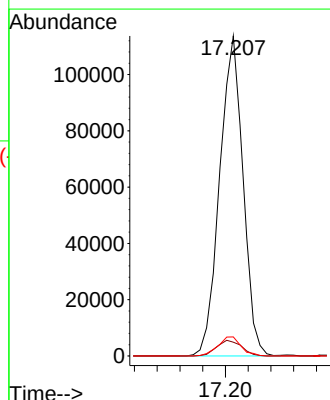
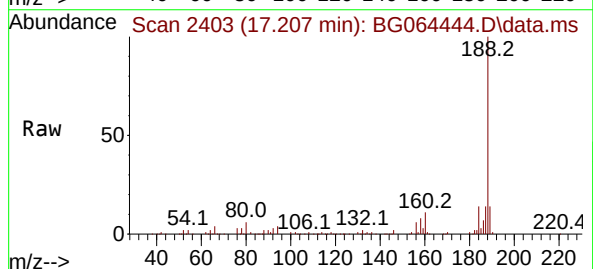
Manual Integrations
APPROVED

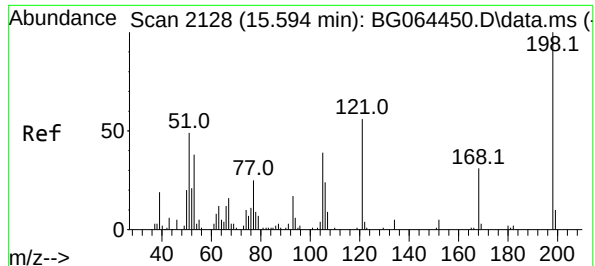
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:188 Resp: 162214
Ion Ratio Lower Upper
188 100
94 4.3 3.0 4.4
80 5.9 4.9 7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 18.703 ng

RT: 15.591 min Scan# 2128

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 2078

Ion Ratio Lower Upper

198 100

51 64.5 30.8 70.8

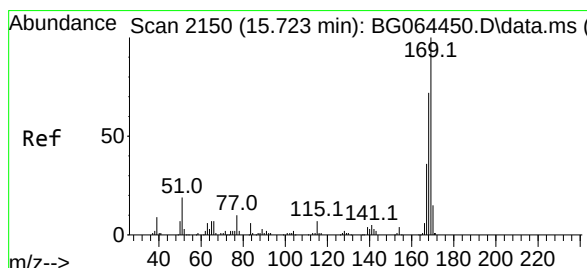
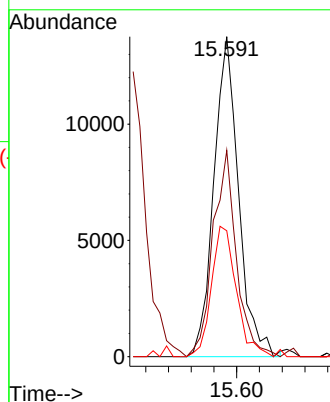
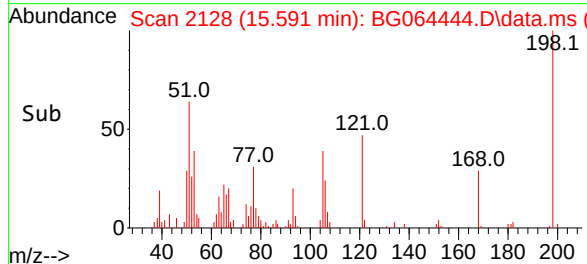
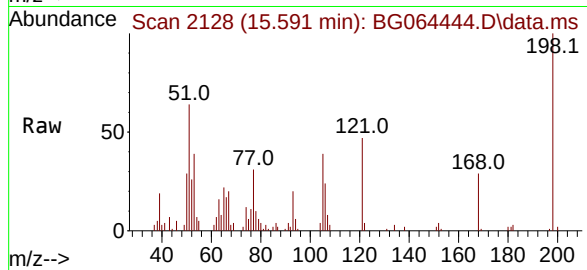
105 39.3 19.3 59.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#66

n-Nitrosodiphenylamine

Concen: 19.623 ng

RT: 15.720 min Scan# 2150

Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

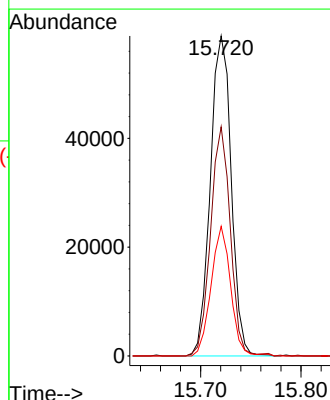
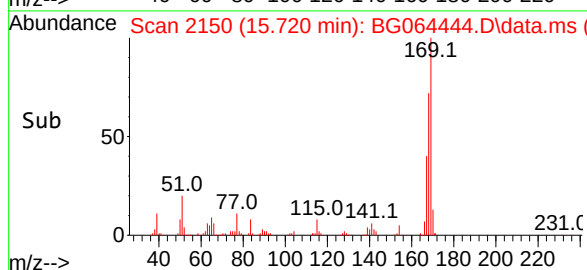
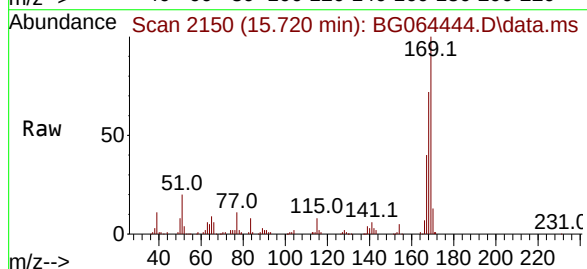
Tgt Ion:169 Resp: 84942

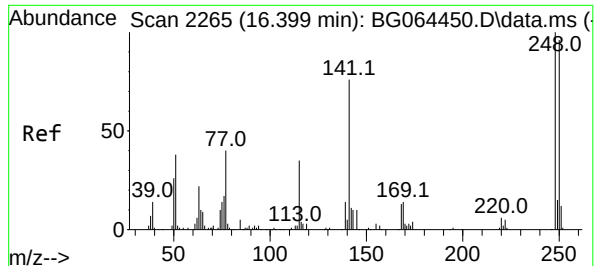
Ion Ratio Lower Upper

169 100

168 71.6 57.7 86.5

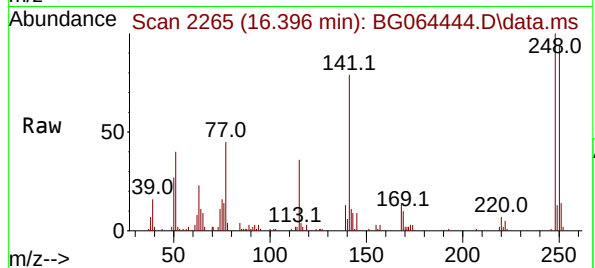
167 40.5 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 19.564 ng
RT: 16.396 min Scan# 2265
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

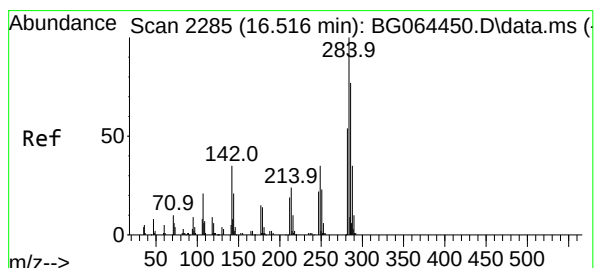
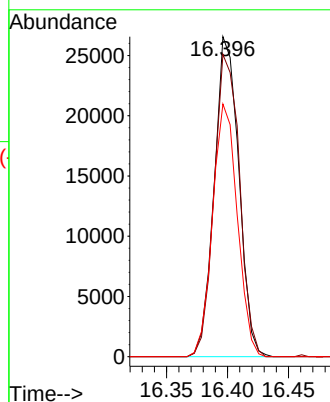
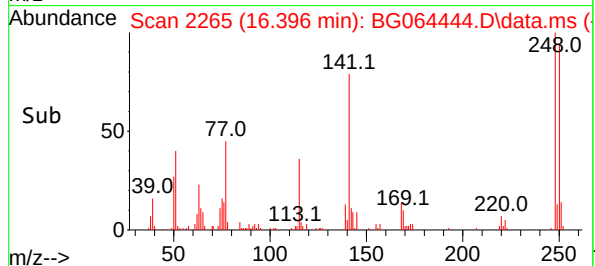
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 37185
Ion Ratio Lower Upper
248 100
250 94.5 77.0 115.6
141 78.9 61.1 91.7

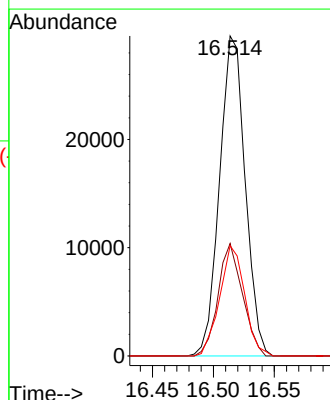
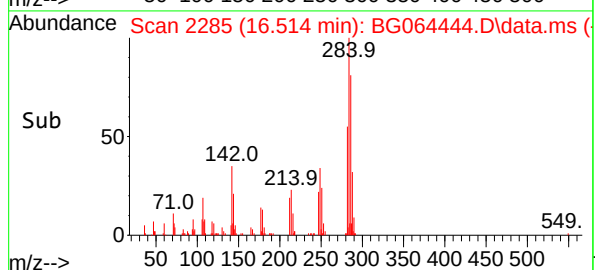
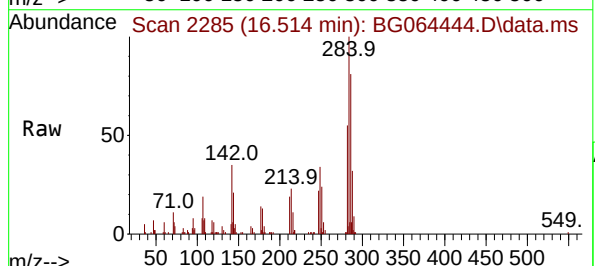
Manual Integrations
APPROVED

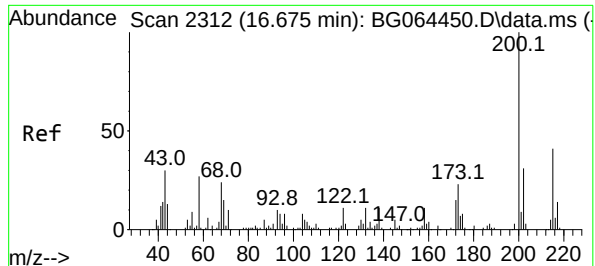
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#68
Hexachlorobenzene
Concen: 19.989 ng
RT: 16.514 min Scan# 2285
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

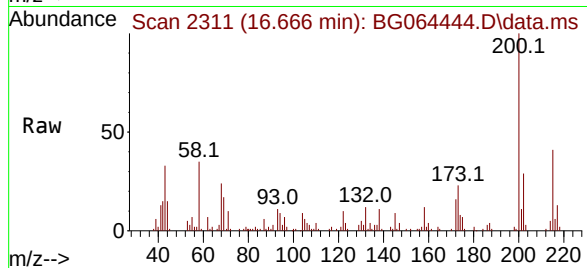
Tgt Ion:284 Resp: 43237
Ion Ratio Lower Upper
284 100
142 35.2 27.9 41.9
249 34.4 27.7 41.5





#69
Atrazine
Concen: 20.872 ng
RT: 16.666 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

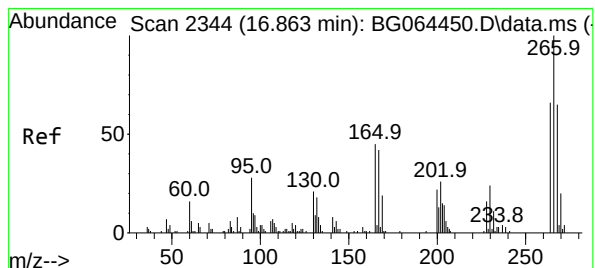
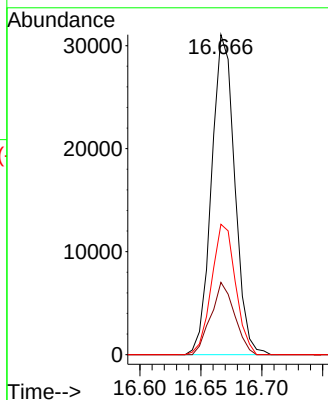
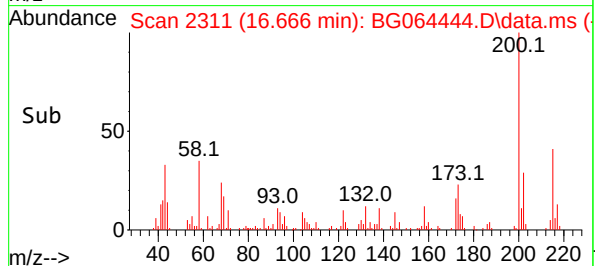
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



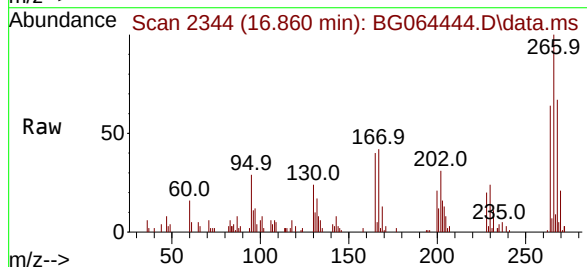
Tgt Ion:200 Resp: 41040
Ion Ratio Lower Upper
200 100
173 22.6 2.9 42.9
215 40.7 21.1 61.1

Manual Integrations
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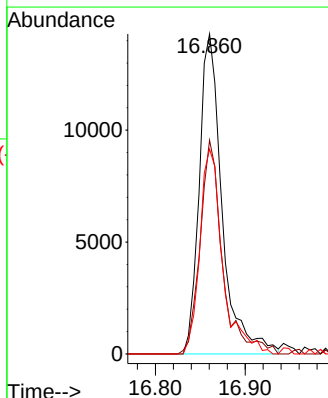
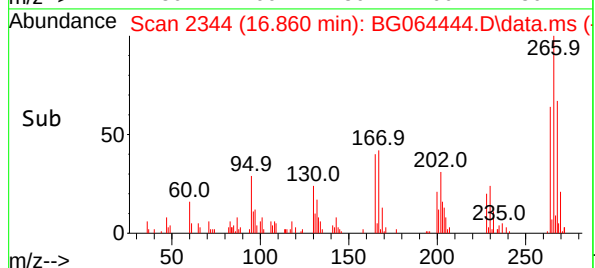
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

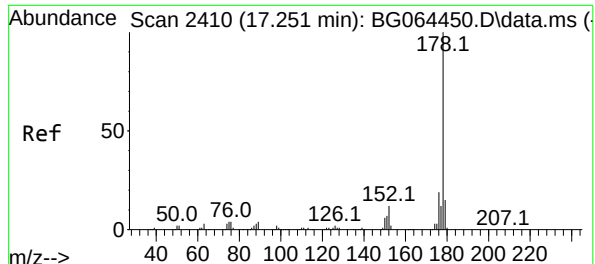


#70
Pentachlorophenol
Concen: 19.385 ng
RT: 16.860 min Scan# 2344
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59



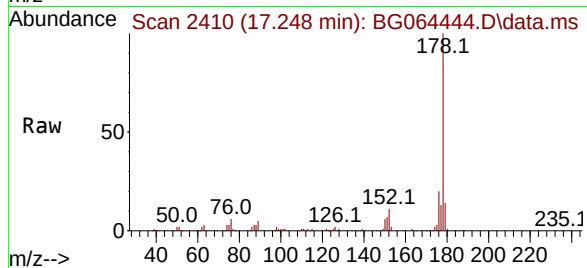
Tgt Ion:266 Resp: 25305
Ion Ratio Lower Upper
266 100
268 71.4 51.9 77.9
264 64.0 52.4 78.6





#71
Phenanthrene
Concen: 20.442 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

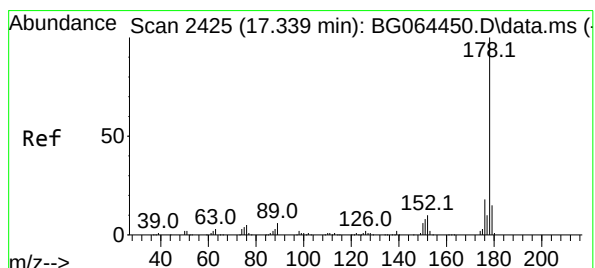
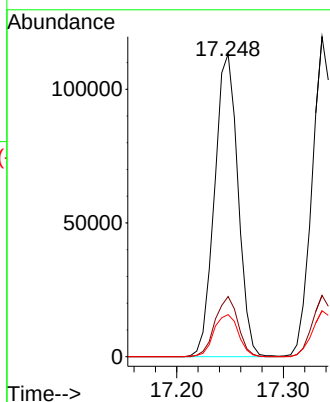
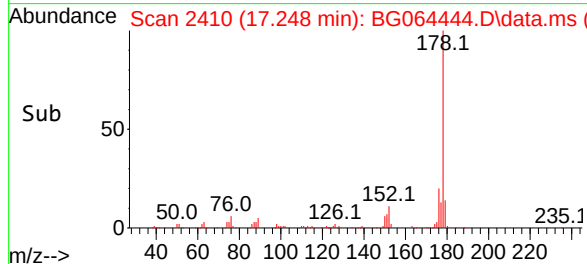
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 17235
Ion Ratio Lower Upper
178 100
176 19.9 14.9 22.3
179 13.9 12.4 18.6

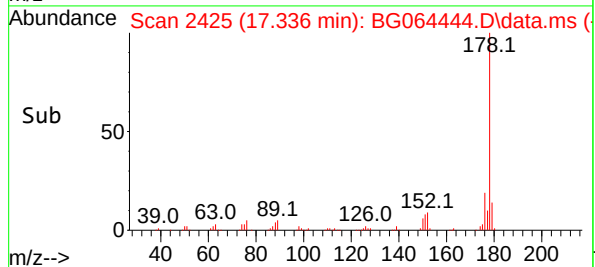
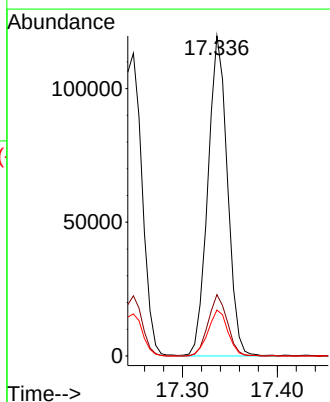
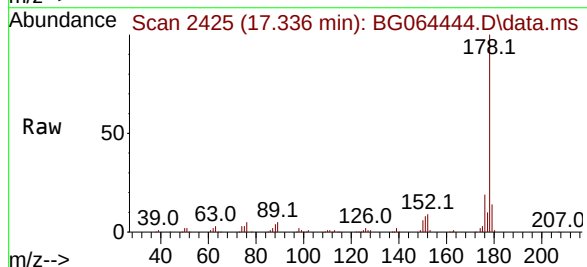
Manual Integrations
APPROVED

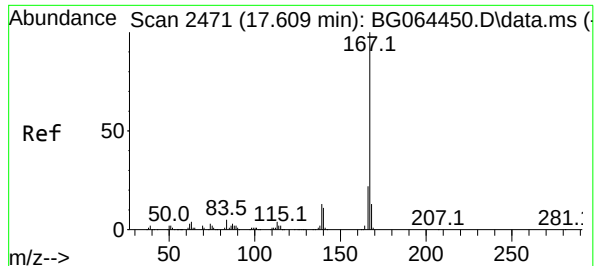
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 19.909 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

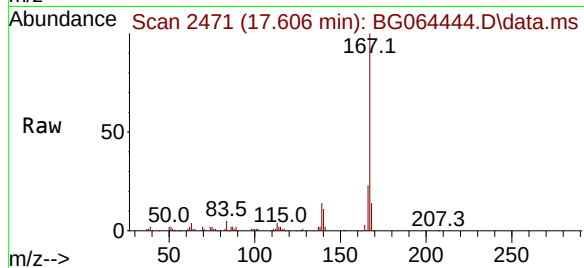
Tgt Ion:178 Resp: 170935
Ion Ratio Lower Upper
178 100
176 19.1 14.5 21.7
179 14.4 11.9 17.9





#73
Carbazole
Concen: 20.244 ng
RT: 17.606 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

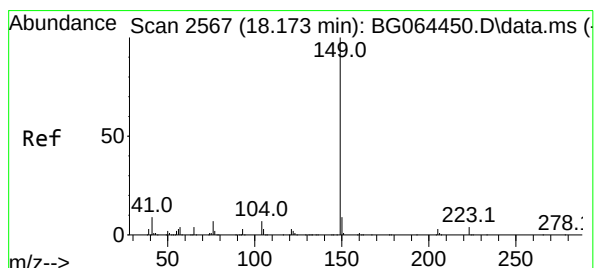
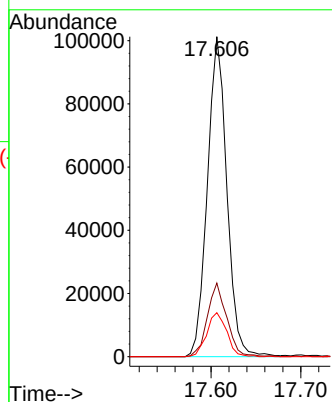
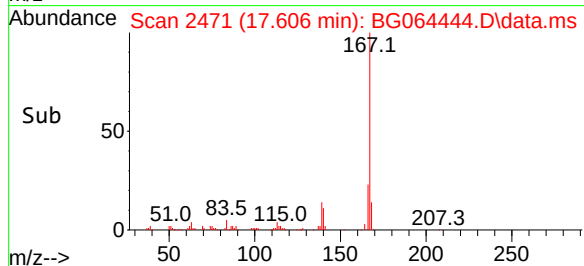
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



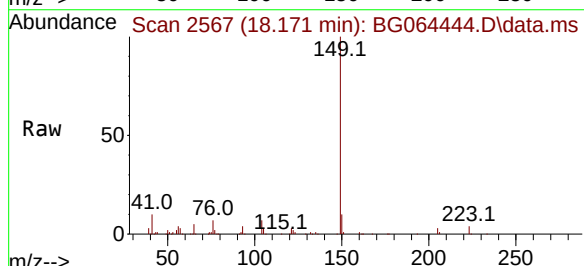
Tgt Ion:167 Resp: 152480
Ion Ratio Lower Upper
167 100
166 23.0 17.4 26.2
139 13.8 10.2 15.2

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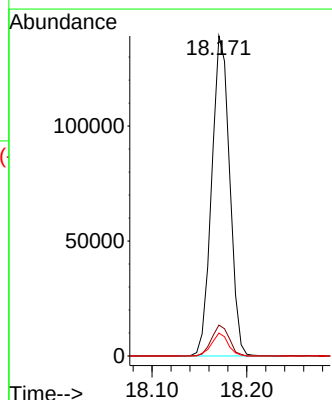
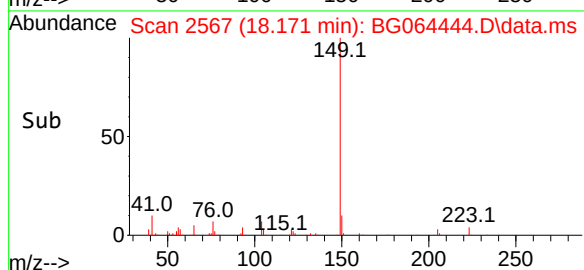
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

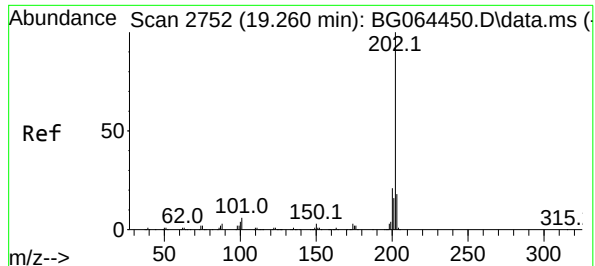


#74
Di-n-butylphthalate
Concen: 19.879 ng
RT: 18.171 min Scan# 2567
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59



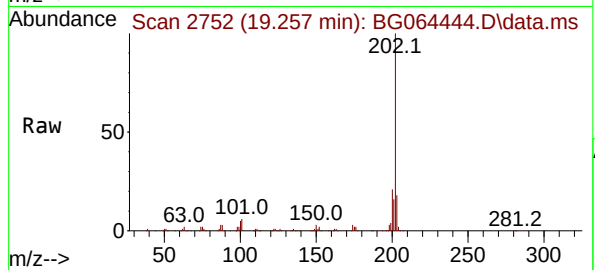
Tgt Ion:149 Resp: 183162
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 7.1 5.8 8.8





#75
Fluoranthene
Concen: 19.936 ng
RT: 19.257 min Scan# 212264
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

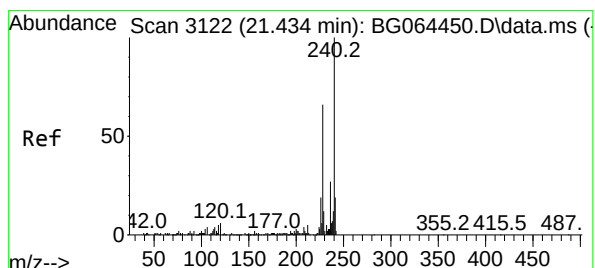
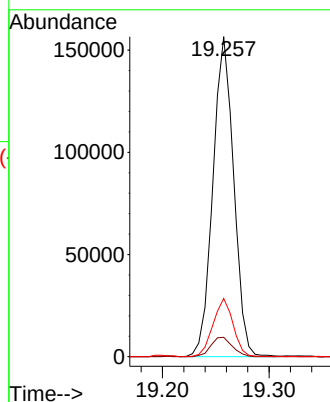
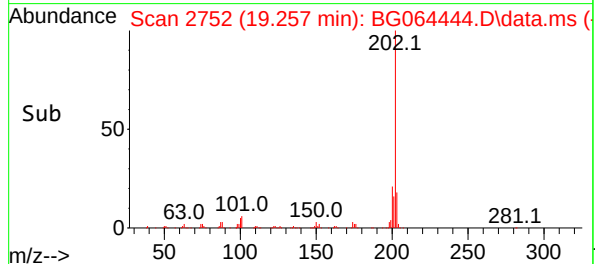
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 212264
Ion Ratio Lower Upper
202 100
101 6.1 0.0 25.6
203 18.2 0.0 37.7

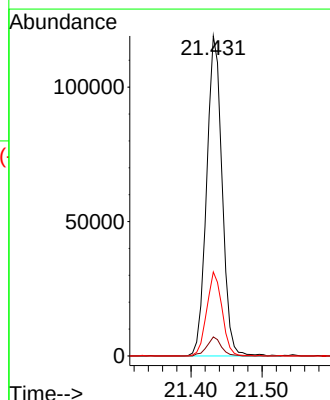
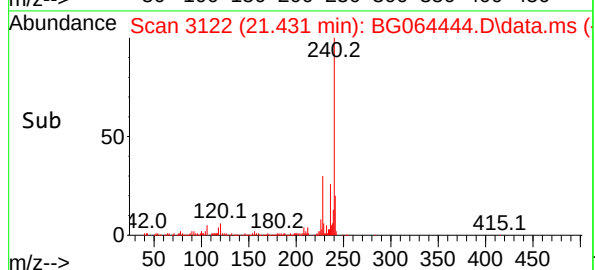
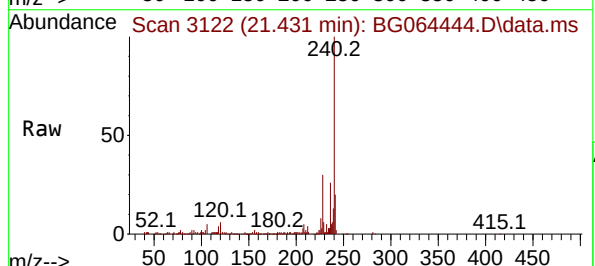
Manual Integrations
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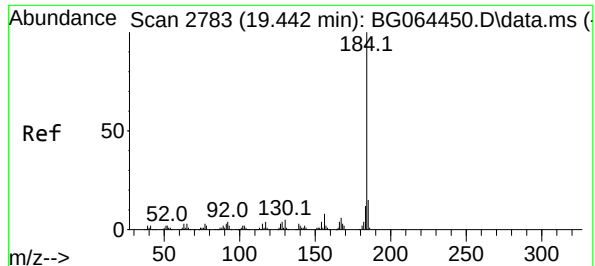
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:240 Resp: 180422
Ion Ratio Lower Upper
240 100
120 5.9 5.0 7.4
236 26.3 21.9 32.9





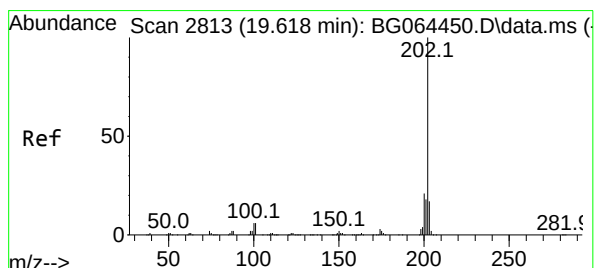
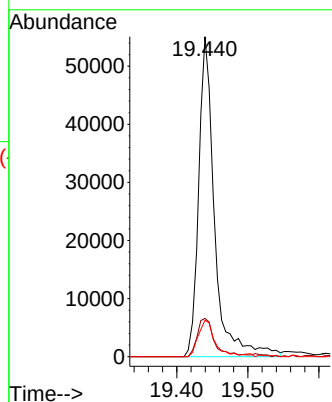
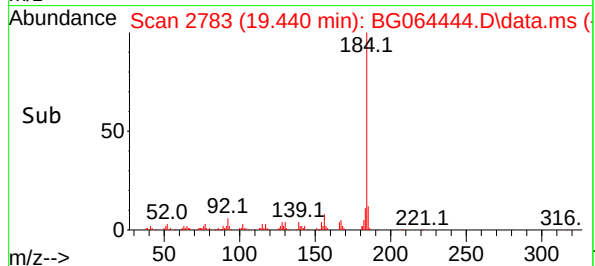
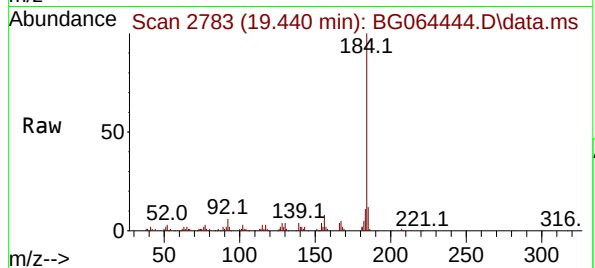
#77
Benzidine
Concen: 18.164 ng
RT: 19.440 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 8580
Ion Ratio Lower Upper
184 100
185 11.9 11.7 17.5
183 11.4 10.0 15.0

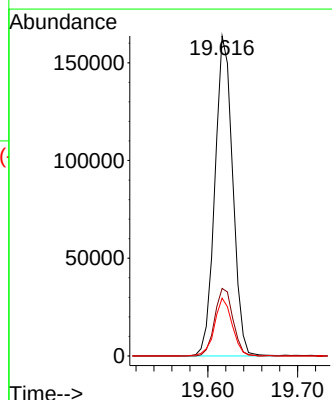
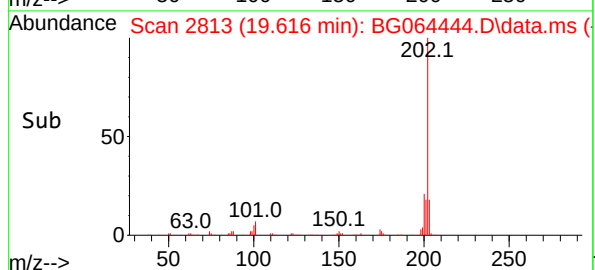
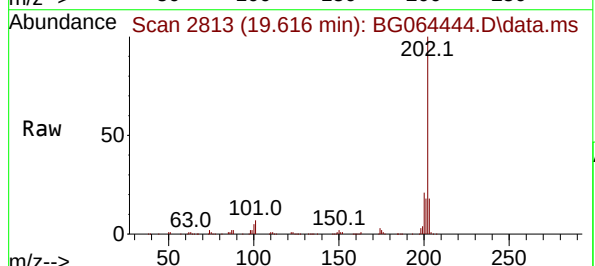
Manual Integrations
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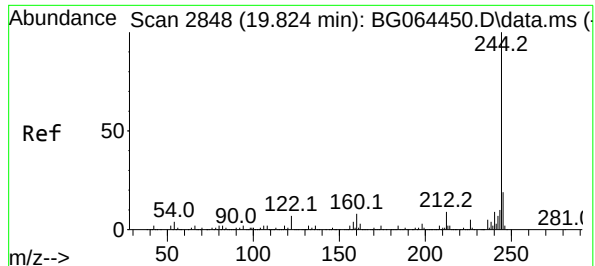
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 20.133 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

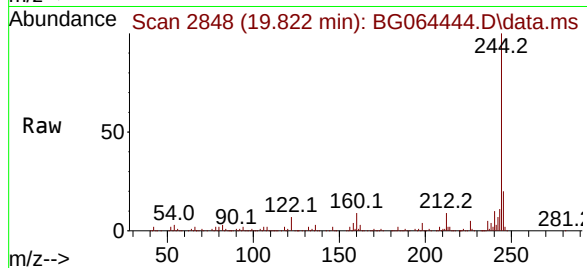
Tgt Ion:202 Resp: 225391
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.0 13.8 20.6





#79
 Terphenyl-d14
 Concen: 40.452 ng
 RT: 19.822 min Scan# 2848
 Delta R.T. -0.002 min
 Lab File: BG064444.D
 Acq: 25 Sep 2025 13:59

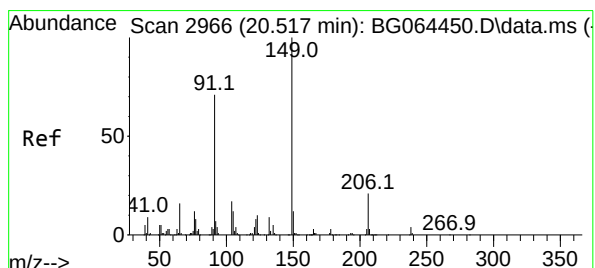
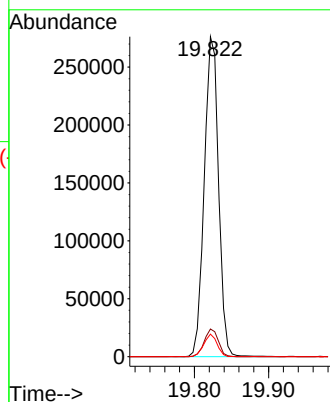
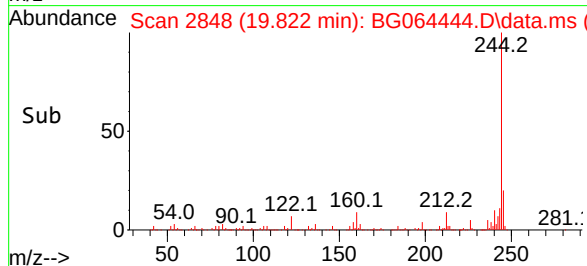
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020



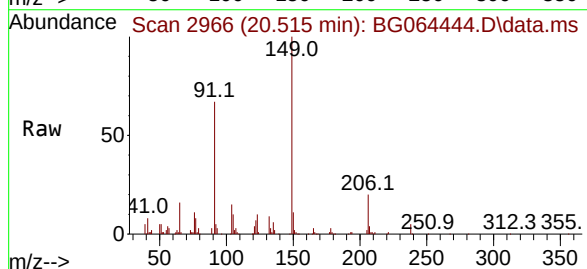
Tgt Ion:244 Resp: 370238
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.2 10.8
 122 7.0 5.7 8.5

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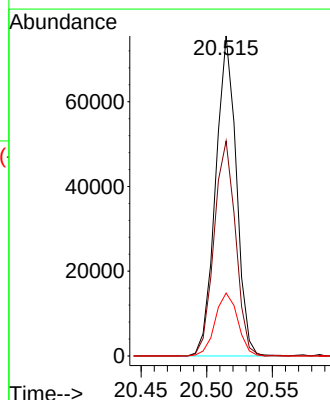
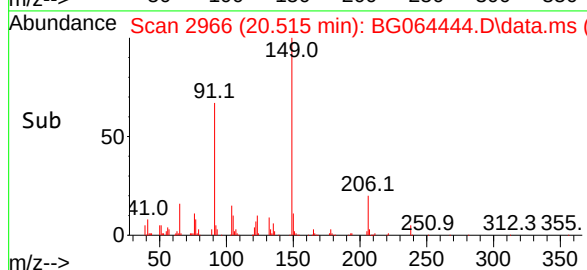
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

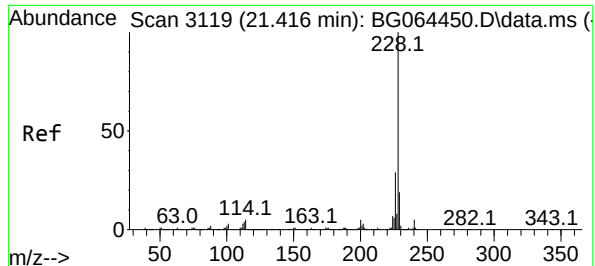


#80
 Butylbenzylphthalate
 Concen: 19.743 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. -0.003 min
 Lab File: BG064444.D
 Acq: 25 Sep 2025 13:59



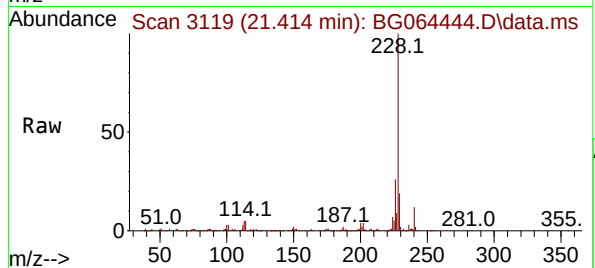
Tgt Ion:149 Resp: 82611
 Ion Ratio Lower Upper
 149 100
 91 67.2 56.6 84.8
 206 19.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 19.946 ng
RT: 21.414 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

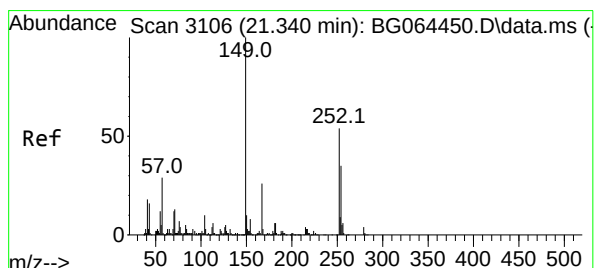
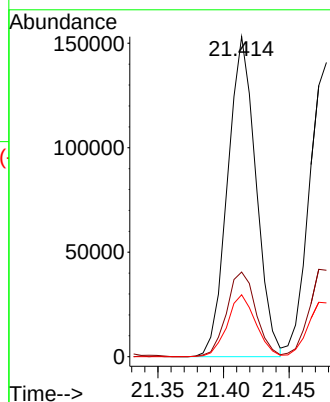
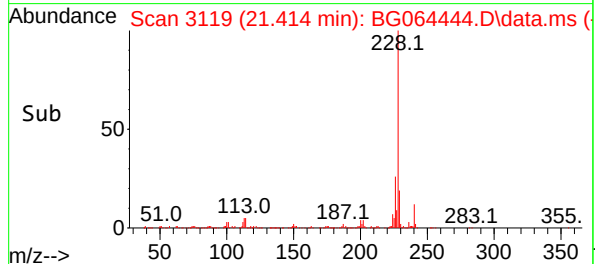
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 230415
Ion Ratio Lower Upper
228 100
226 26.5 23.0 34.6
229 19.4 15.1 22.7

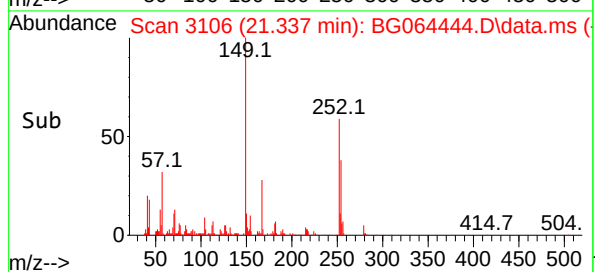
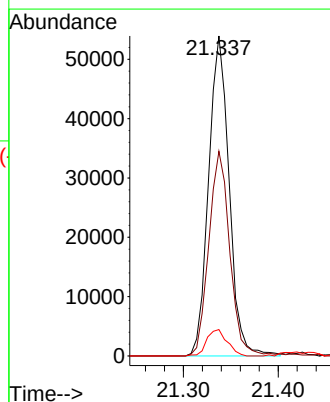
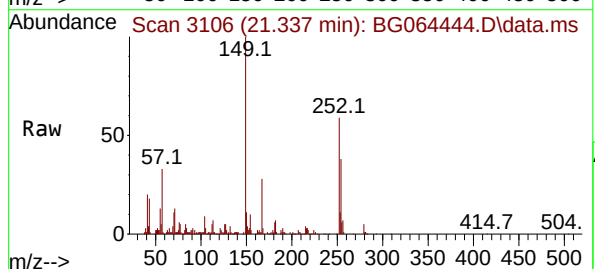
Manual Integrations
APPROVED

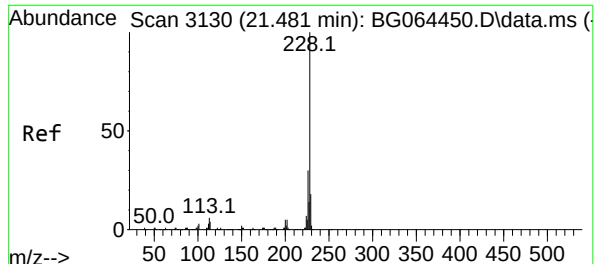
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.384 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion:252 Resp: 80983
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 8.3 5.9 8.9





#83

Chrysene

Concen: 20.189 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.002 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

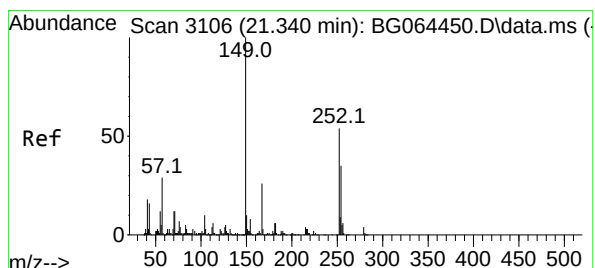
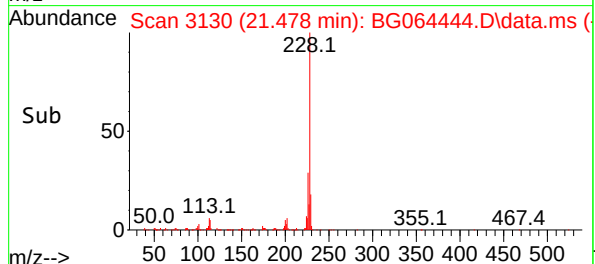
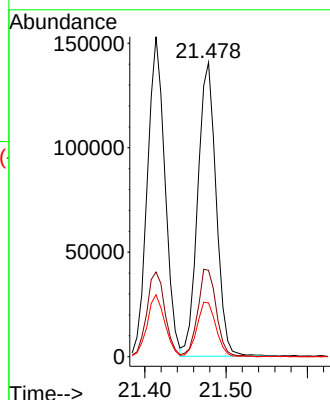
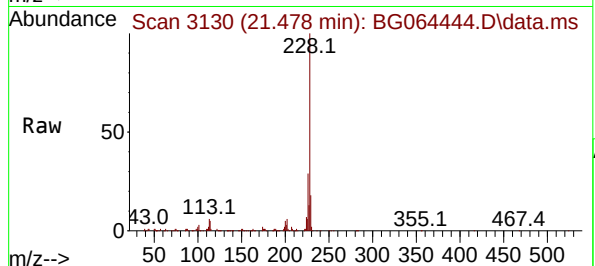
Tgt Ion:228 Resp: 220878
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.4
229 18.3 14.7 22.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.631 ng

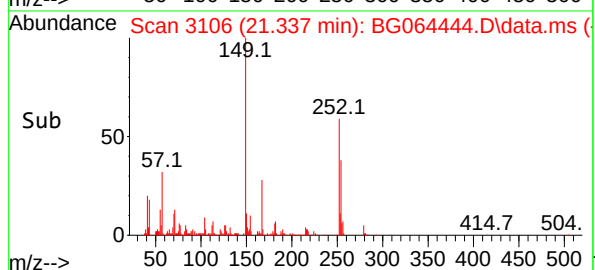
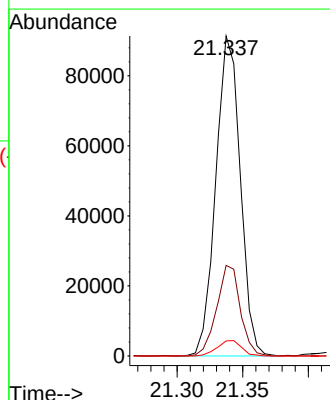
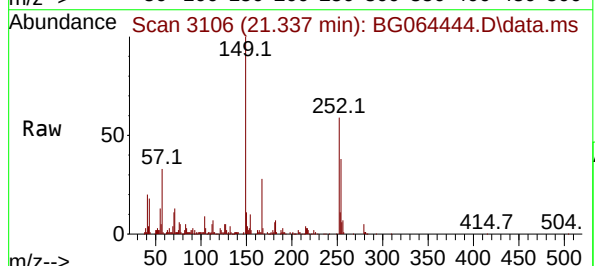
RT: 21.337 min Scan# 3106

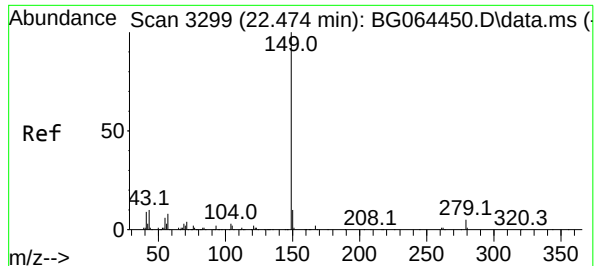
Delta R.T. -0.003 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

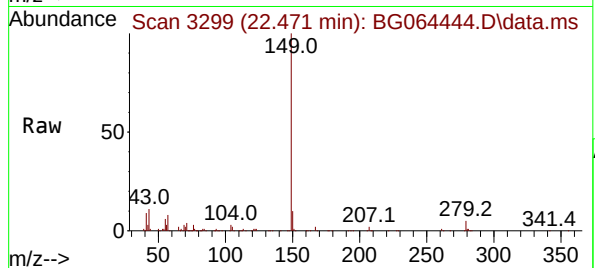
Tgt Ion:149 Resp: 118331
Ion Ratio Lower Upper
149 100
167 28.3 20.6 31.0
279 4.7 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 20.126 ng
RT: 22.471 min Scan# 3299
Delta R.T. -0.002 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

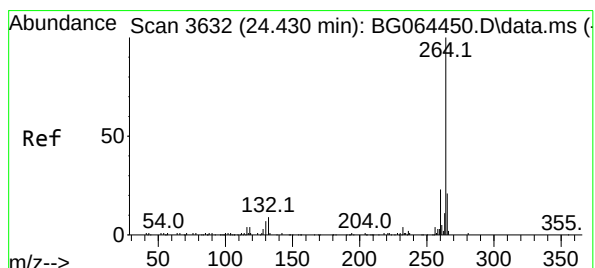
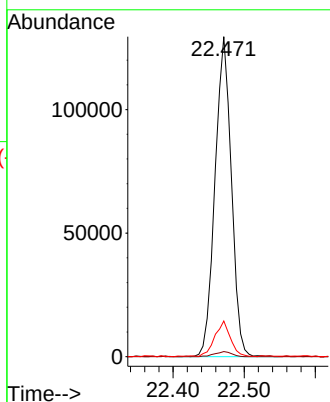
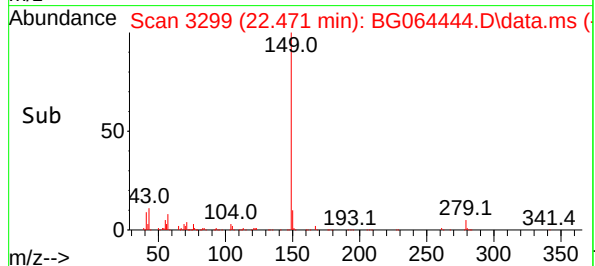
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 20622
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.8 13.2

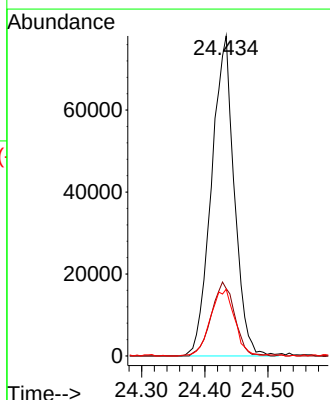
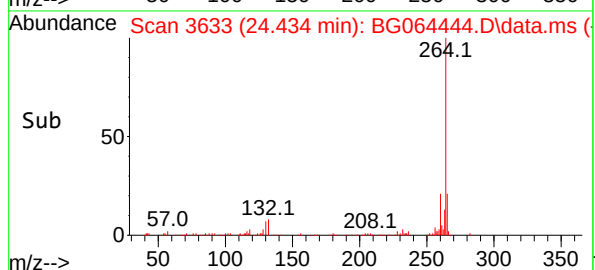
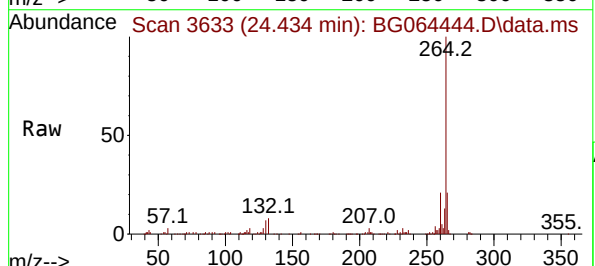
Manual Integrations
APPROVED

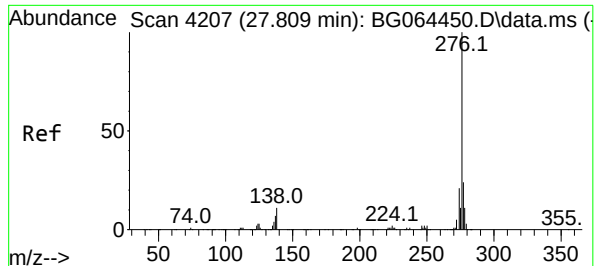
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.434 min Scan# 3633
Delta R.T. 0.003 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

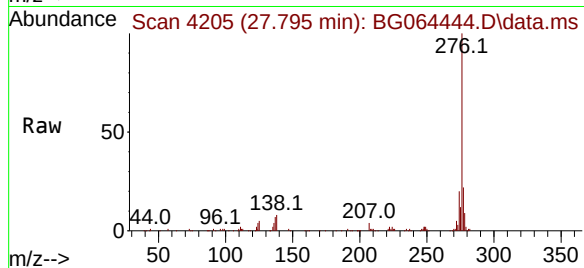
Tgt Ion:264 Resp: 195431
Ion Ratio Lower Upper
264 100
260 21.1 18.6 27.8
265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.016 ng
RT: 27.795 min Scan# 4205
Delta R.T. -0.014 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

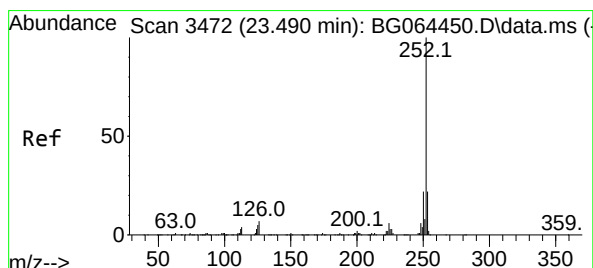
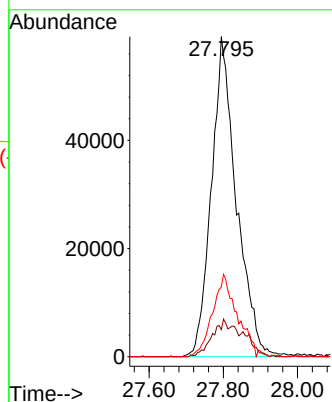
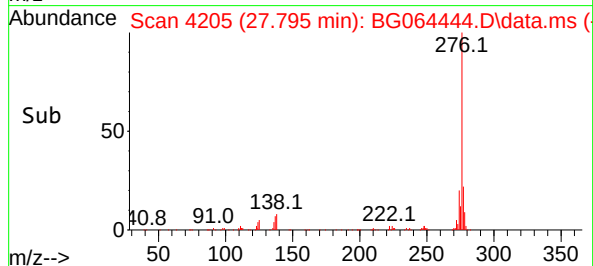
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 276472
Ion Ratio Lower Upper
276 100
138 7.8 10.3 15.5
277 25.6 19.2 28.8

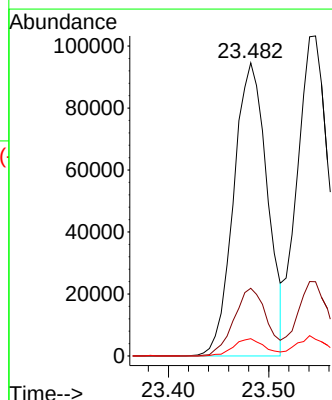
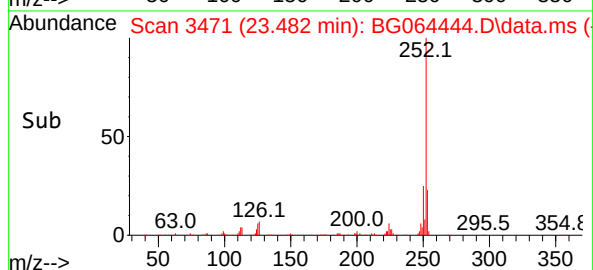
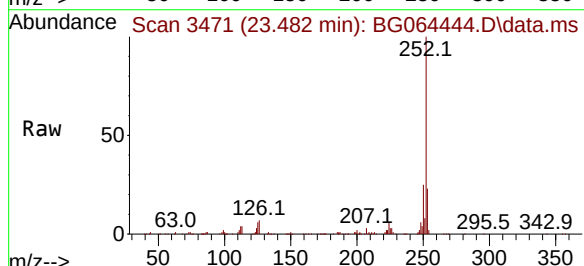
Manual Integrations
APPROVED

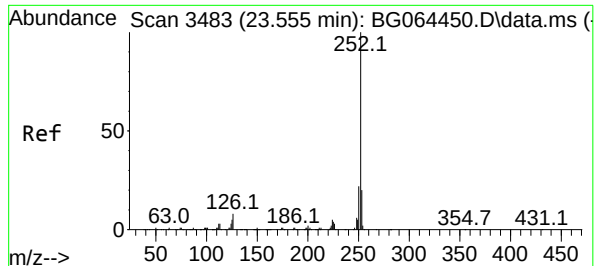
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 19.688 ng
RT: 23.482 min Scan# 3471
Delta R.T. -0.008 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 252 Resp: 220573
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 5.9 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 20.404 ng

RT: 23.547 min Scan# 34

Delta R.T. -0.008 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

Instrument :

BNA_G

ClientSampleId :

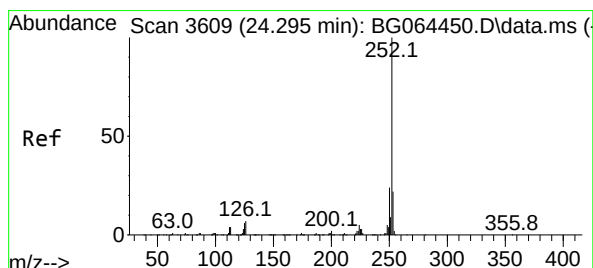
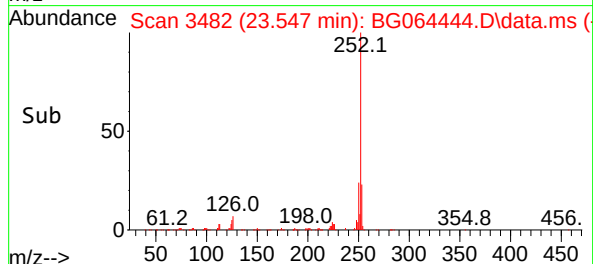
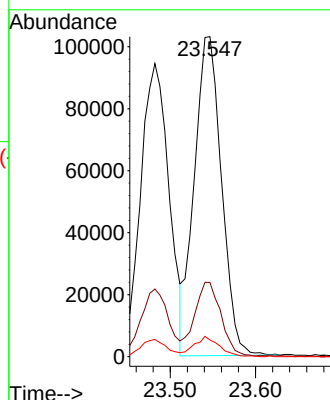
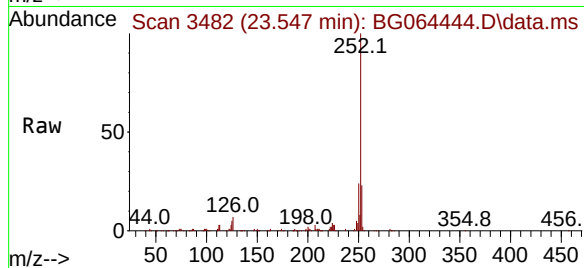
SSTDICC020

Tgt Ion:	252	Resp:	22881
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.6	24.8
125	5.2	4.4	6.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 20.164 ng

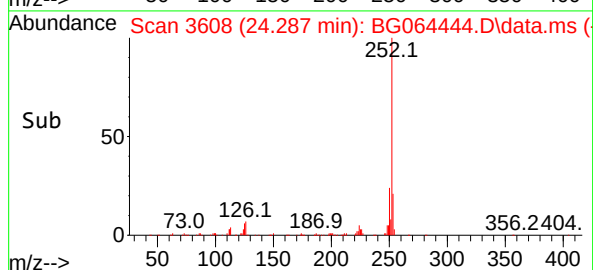
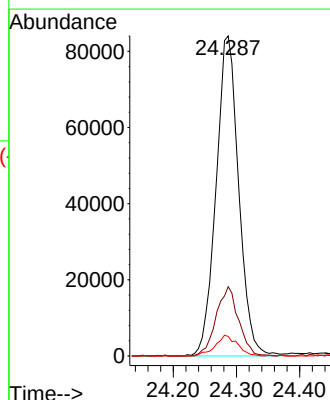
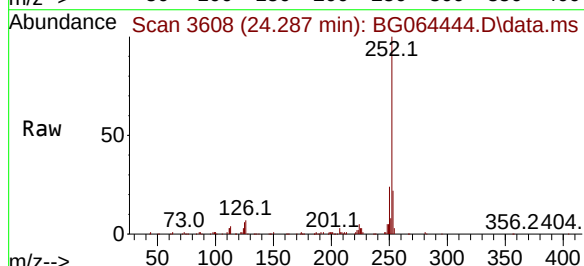
RT: 24.287 min Scan# 3608

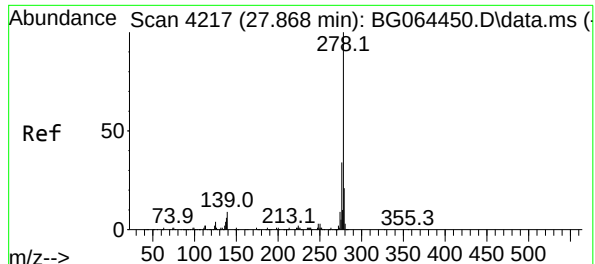
Delta R.T. -0.008 min

Lab File: BG064444.D

Acq: 25 Sep 2025 13:59

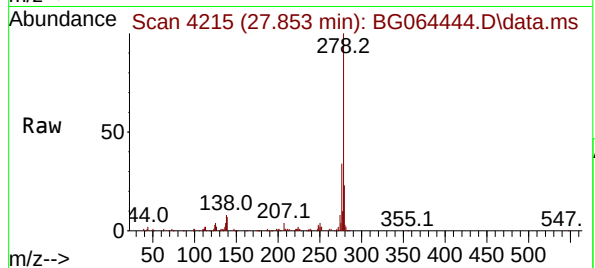
Tgt Ion:	252	Resp:	209267
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	6.1	4.6	7.0





#91
Dibenzo(a,h)anthracene
Concen: 19.879 ng
RT: 27.853 min Scan# 4215
Delta R.T. -0.014 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

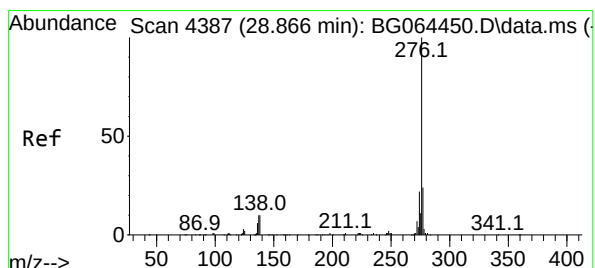
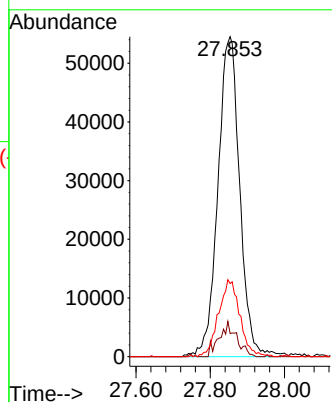
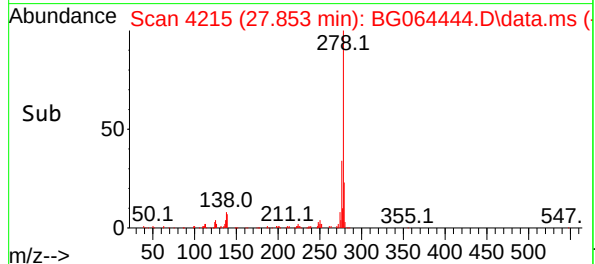
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 278 Resp: 22259
Ion Ratio Lower Upper
278 100
139 7.3 6.9 10.3
279 22.9 17.2 25.8

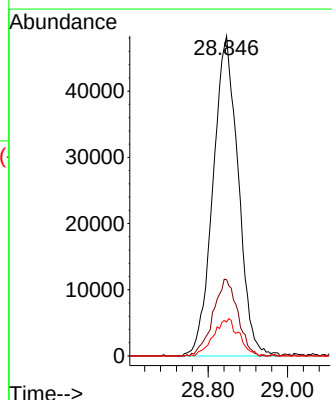
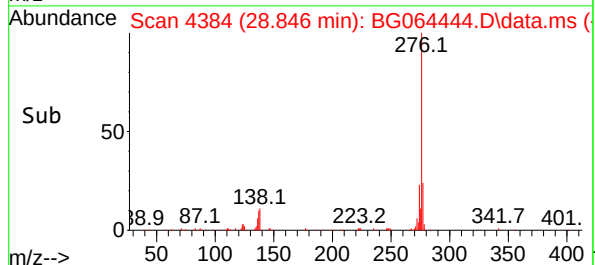
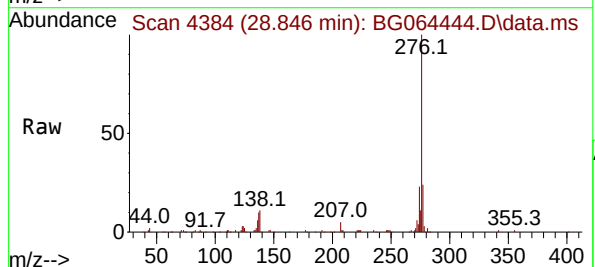
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 19.810 ng
RT: 28.846 min Scan# 4384
Delta R.T. -0.020 min
Lab File: BG064444.D
Acq: 25 Sep 2025 13:59

Tgt Ion: 276 Resp: 213032
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 10.6 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064446.D
 Acq On : 25 Sep 2025 15:22
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	18610	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	80100	20.000	ng	0.00
39) Acenaphthene-d10	14.471	164	58571	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	145494	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	171978	20.000	ng	0.00
86) Perylene-d12	24.430	264	188882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	94973	97.522	ng	0.00
7) Phenol-d6	7.015	99	131799	98.786	ng	0.00
23) Nitrobenzene-d5	8.995	82	150926	102.115	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	100750	98.532	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	389852	98.286	ng	0.00
79) Terphenyl-d14	19.829	244	863476	98.975	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	20663	50.562	ng	98
3) Pyridine	3.730	79	58408	53.015	ng	98
4) n-Nitrosodimethylamine	3.648	42	45348	53.884	ng	# 95
6) Aniline	7.168	93	84636	48.988	ng	96
8) 2-Chlorophenol	7.408	128	58881	48.327	ng	94
9) Benzaldehyde	6.980	77	59717m	52.585	ng	
10) Phenol	7.038	94	71489	49.488	ng	97
11) bis(2-Chloroethyl)ether	7.267	93	47211	48.673	ng	98
12) 1,3-Dichlorobenzene	7.732	146	66341	48.577	ng	99
13) 1,4-Dichlorobenzene	7.873	146	67784	48.588	ng	93
14) 1,2-Dichlorobenzene	8.190	146	63907	48.340	ng	97
15) Benzyl Alcohol	8.078	79	61588	48.991	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.360	45	82065	48.522	ng	99
17) 2-Methylphenol	8.284	107	50670	48.554	ng	95
18) Hexachloroethane	8.918	117	25794	49.006	ng	97
19) n-Nitroso-di-n-propyla...	8.642	70	44881	49.768	ng	# 96
20) 3+4-Methylphenols	8.613	107	70465	48.034	ng	98
22) Acetophenone	8.660	105	95873	49.995	ng	93
24) Nitrobenzene	9.036	77	70983	49.201	ng	99
25) Isophorone	9.559	82	131817	48.201	ng	96
26) 2-Nitrophenol	9.747	139	36410	51.270	ng	87
27) 2,4-Dimethylphenol	9.806	122	55335	48.311	ng	98
28) bis(2-Chloroethoxy)met...	10.041	93	67757	47.959	ng	96
29) 2,4-Dichlorophenol	10.282	162	65078	49.367	ng	96
30) 1,2,4-Trichlorobenzene	10.493	180	69307	49.152	ng	98
31) Naphthalene	10.675	128	199924	47.809	ng	96
32) Benzoic acid	9.970	122	46579m	54.965	ng	
33) 4-Chloroaniline	10.787	127	76830	50.226	ng	96
34) Hexachlorobutadiene	10.969	225	58045	48.328	ng	98
35) Caprolactam	11.568	113	21490	49.406	ng	# 92
36) 4-Chloro-3-methylphenol	11.915	107	75148	48.094	ng	# 89
37) 2-Methylnaphthalene	12.285	142	152551	48.312	ng	95
38) 1-Methylnaphthalene	12.508	142	149984	48.342	ng	96
40) 1,2,4,5-Tetrachloroben...	12.655	216	91972	49.271	ng	98
41) Hexachlorocyclopentadiene	12.638	237	50131	50.568	ng	96
43) 2,4,6-Trichlorophenol	12.896	196	60936	50.046	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064446.D
 Acq On : 25 Sep 2025 15:22
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:45:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	69550	51.525	ng	97
46) 1,1'-Biphenyl	13.302	154	207012	49.685	ng	98
47) 2-Chloronaphthalene	13.343	162	154539	48.801	ng	98
48) 2-Nitroaniline	13.542	65	56660	52.060	ng	95
49) Acenaphthylene	14.189	152	231138	49.165	ng	99
50) Dimethylphthalate	13.924	163	221509	49.505	ng	98
51) 2,6-Dinitrotoluene	14.042	165	46345	49.312	ng	90
52) Acenaphthene	14.530	154	158018	49.115	ng	96
53) 3-Nitroaniline	14.371	138	47148	52.941	ng	# 94
54) 2,4-Dinitrophenol	14.576	184	32924	52.749	ng	95
55) Dibenzofuran	14.864	168	260509	48.836	ng	99
56) 4-Nitrophenol	14.688	139	38475	53.374	ng	94
57) 2,4-Dinitrotoluene	14.829	165	72446	50.493	ng	97
58) Fluorene	15.517	166	218136	49.537	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	66227	49.990	ng	96
60) Diethylphthalate	15.293	149	238958	49.563	ng	96
61) 4-Chlorophenyl-phenyle...	15.511	204	118232	49.168	ng	97
62) 4-Nitroaniline	15.534	138	51820	54.266	ng	95
63) Azobenzene	15.799	77	186450	49.421	ng	97
65) 4,6-Dinitro-2-methylph...	15.599	198	50818	50.989	ng	97
66) n-Nitrosodiphenylamine	15.722	169	189744	48.872	ng	94
67) 4-Bromophenyl-phenylether	16.404	248	83545	49.007	ng	94
68) Hexachlorobenzene	16.521	284	92803	47.834	ng	96
69) Atrazine	16.674	200	86778	49.197	ng	99
70) Pentachlorophenol	16.862	266	60525	51.694	ng	97
71) Phenanthrene	17.250	178	371485	49.123	ng	100
72) Anthracene	17.338	178	384019	49.867	ng	98
73) Carbazole	17.608	167	341230	50.508	ng	98
74) Di-n-butylphthalate	18.172	149	438418	53.052	ng	99
75) Fluoranthene	19.259	202	503751	52.751	ng	99
77) Benzidine	19.441	184	251550	55.865	ng	99
78) Pyrene	19.624	202	533740	50.017	ng	100
80) Butylbenzylphthalate	20.517	149	200536	50.278	ng	98
81) Benzo(a)anthracene	21.421	228	542807	49.295	ng	98
82) 3,3'-Dichlorobenzidine	21.339	252	186358	49.210	ng	99
83) Chrysene	21.480	228	509883	48.894	ng	97
84) Bis(2-ethylhexyl)phtha...	21.339	149	287028	49.956	ng	99
85) Di-n-octyl phthalate	22.473	149	480896	49.238	ng	99
87) Indeno(1,2,3-cd)pyrene	27.814	276	649270	48.636	ng	98
88) Benzo(b)fluoranthene	23.490	252	532226	49.154	ng	97
89) Benzo(k)fluoranthene	23.554	252	534817	49.345	ng	97
90) Benzo(a)pyrene	24.295	252	495045	49.355	ng	99
91) Dibenzo(a,h)anthracene	27.873	278	522161	48.249	ng	98
92) Benzo(g,h,i)perylene	28.872	276	496341	47.755	ng	97

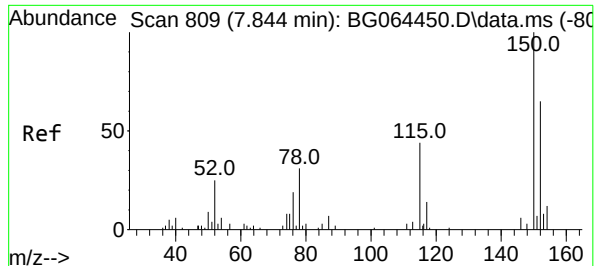
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

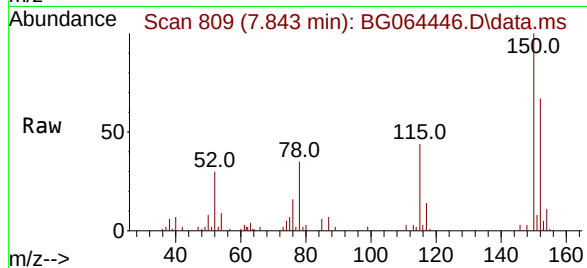
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

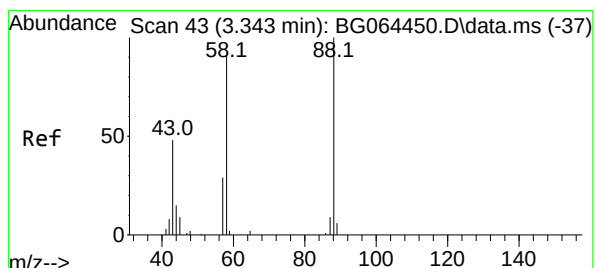
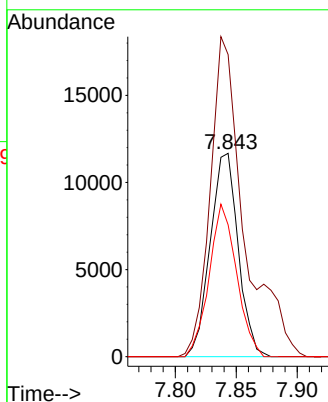
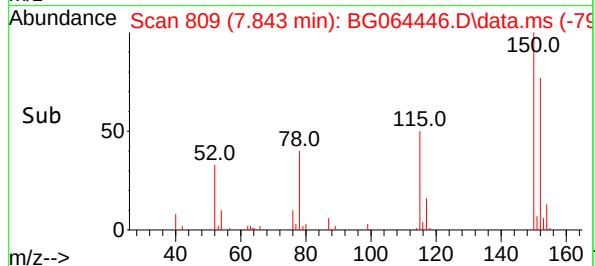
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 18610
Ion Ratio Lower Upper
152 100
150 148.6 122.9 184.3
115 64.9 54.3 81.5

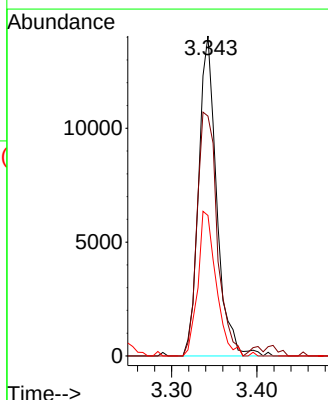
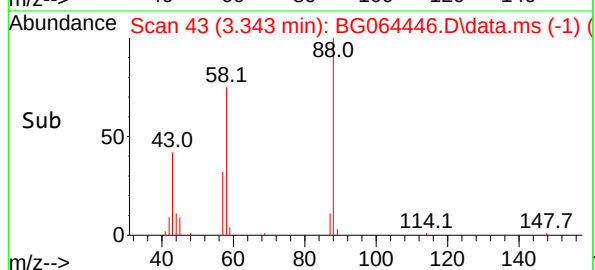
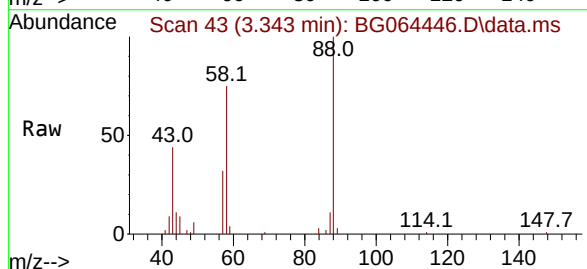
Manual Integrations
APPROVED

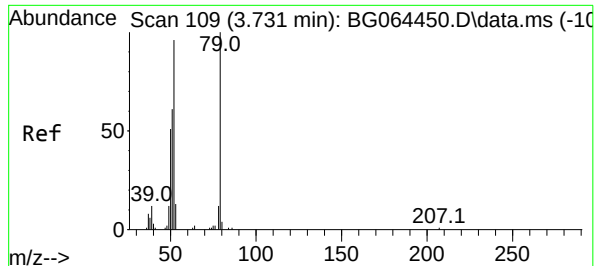
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 50.562 ng
RT: 3.343 min Scan# 43
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

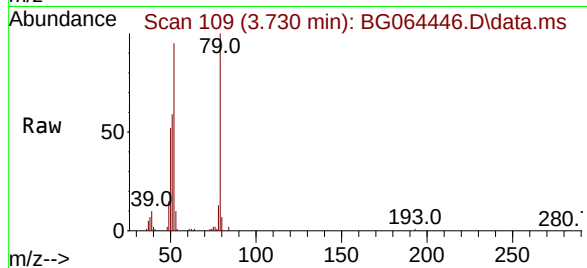
Tgt Ion: 88 Resp: 20663
Ion Ratio Lower Upper
88 100
58 84.8 67.9 101.9
43 45.8 39.4 59.2





#3
Pyridine
Concen: 53.015 ng
RT: 3.730 min Scan# 109
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

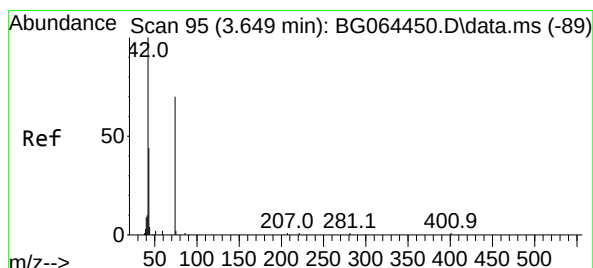
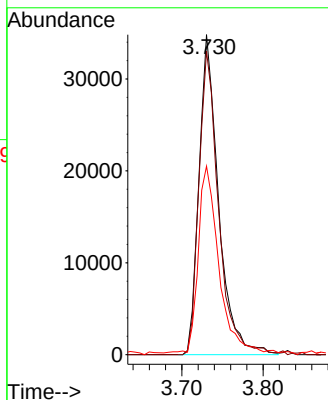
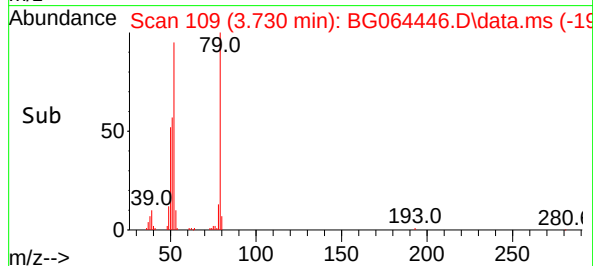
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



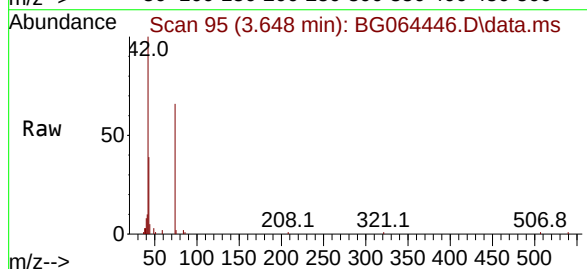
Tgt Ion: 79 Resp: 58408
Ion Ratio Lower Upper
79 100
52 94.8 76.6 114.8
51 58.9 49.3 73.9

Manual Integrations
APPROVED

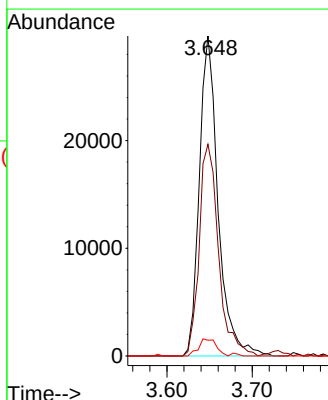
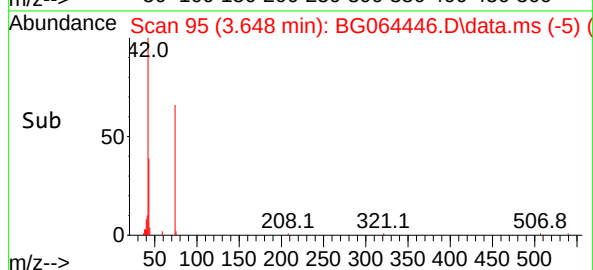
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

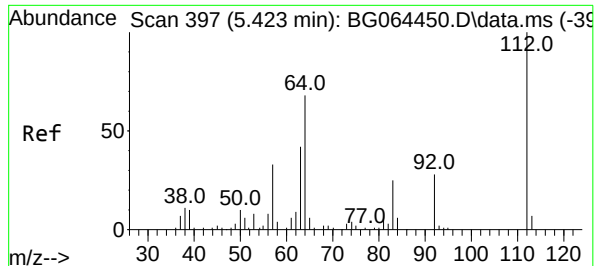


#4
n-Nitrosodimethylamine
Concen: 53.884 ng
RT: 3.648 min Scan# 95
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



Tgt Ion: 42 Resp: 45348
Ion Ratio Lower Upper
42 100
74 66.2 56.1 84.1
44 4.9 3.1 4.7#





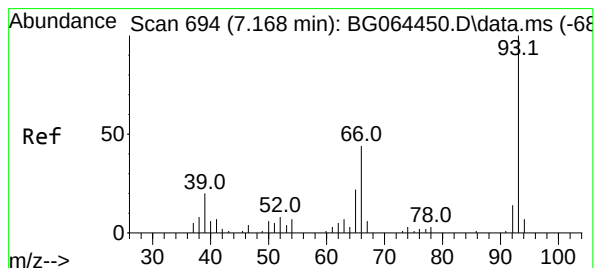
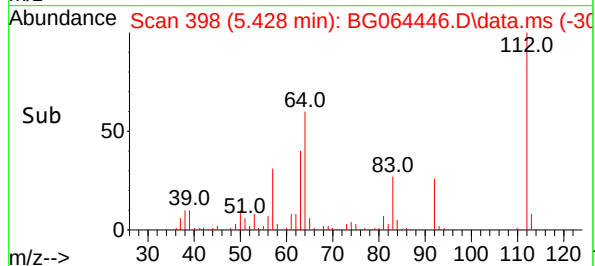
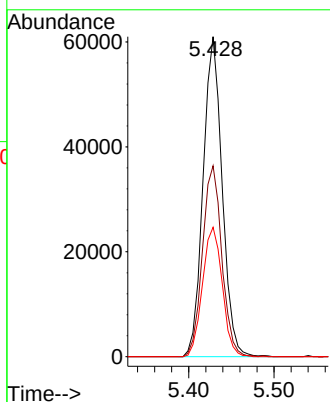
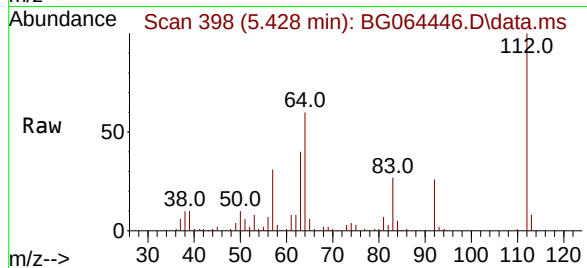
#5
2-Fluorophenol
Concen: 97.522 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 112 Resp: 9497
Ion Ratio Lower Upper
112 100
64 59.7 54.0 81.0
63 40.5 33.8 50.6

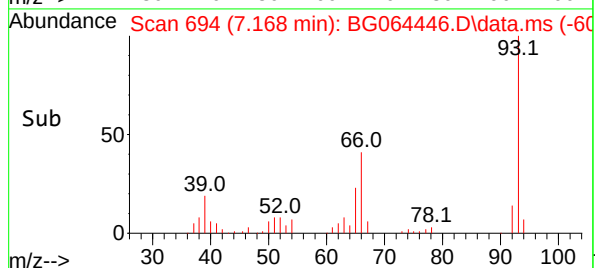
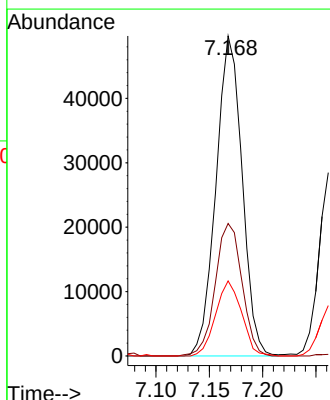
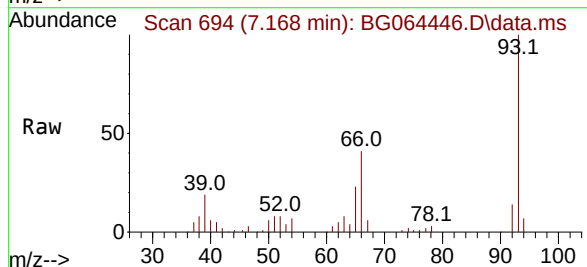
Manual Integrations
APPROVED

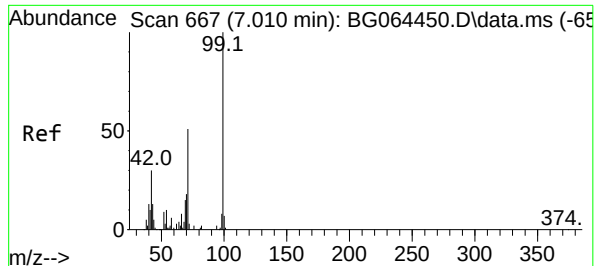
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 48.988 ng
RT: 7.168 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

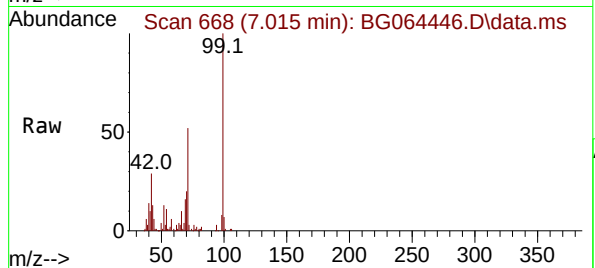
Tgt Ion: 93 Resp: 84636
Ion Ratio Lower Upper
93 100
66 41.4 34.9 52.3
65 23.5 17.3 25.9





#7
Phenol-d6
Concen: 98.786 ng
RT: 7.015 min Scan# 667
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

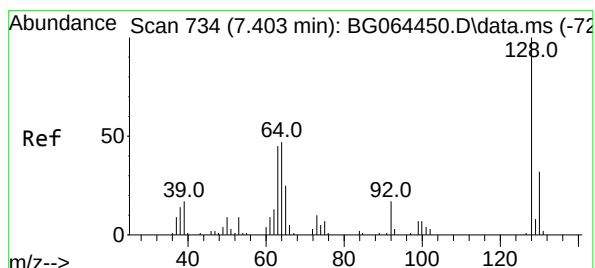
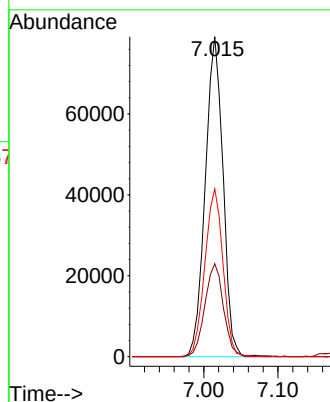
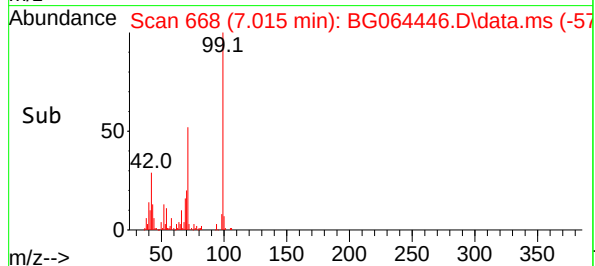
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 131799
Ion Ratio Lower Upper
99 100
42 29.1 24.0 36.0
71 52.4 40.5 60.7

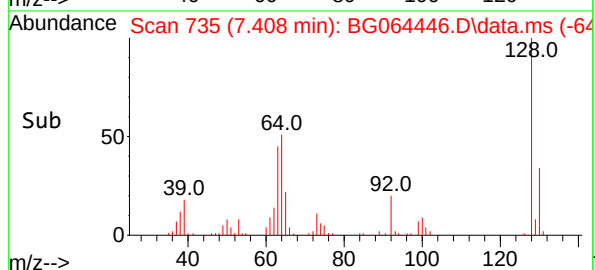
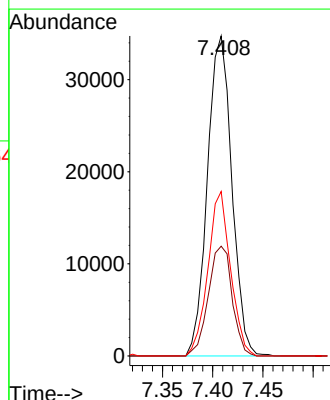
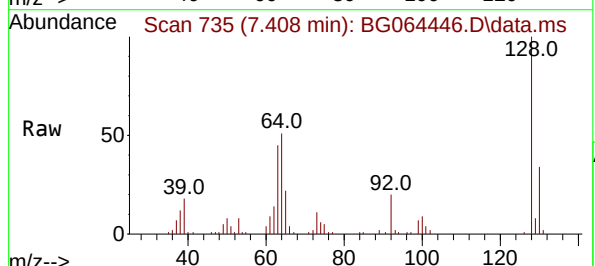
Manual Integrations
APPROVED

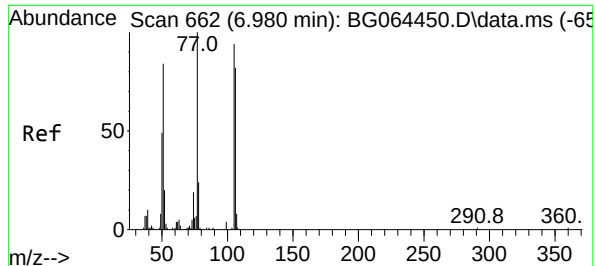
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 48.327 ng
RT: 7.408 min Scan# 735
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

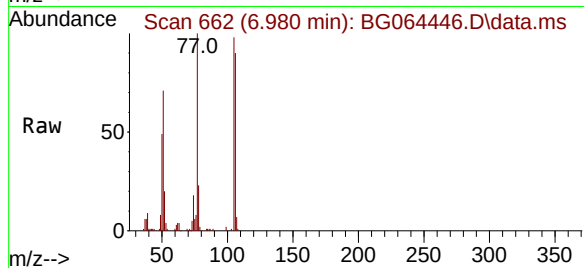
Tgt Ion:128 Resp: 58881
Ion Ratio Lower Upper
128 100
130 34.3 11.8 51.8
64 51.4 27.0 67.0





#9
Benzaldehyde
Concen: 52.585 ng m
RT: 6.980 min Scan# 662
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

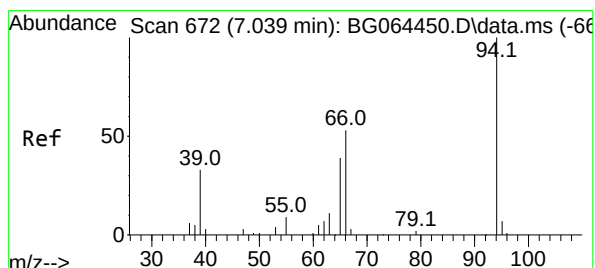
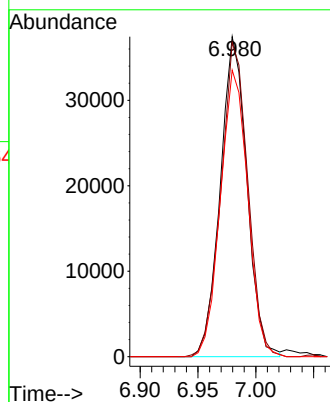
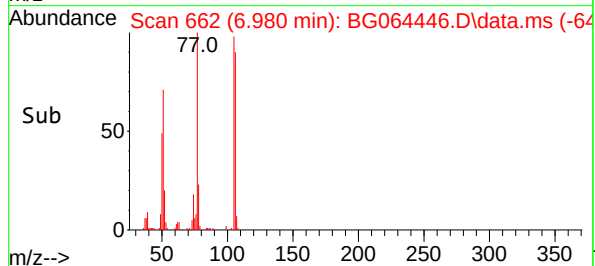
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 5971
Ion Ratio Lower Upper
77 100
105 98.2 74.0 114.0
106 89.6 62.5 102.5

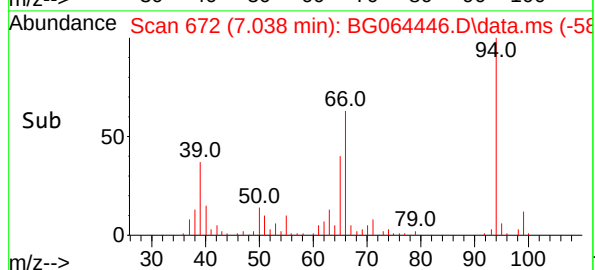
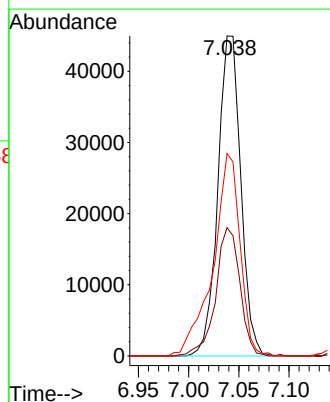
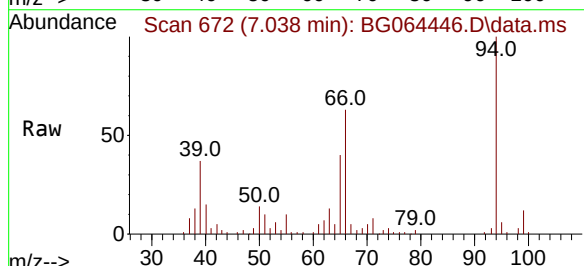
Manual Integrations
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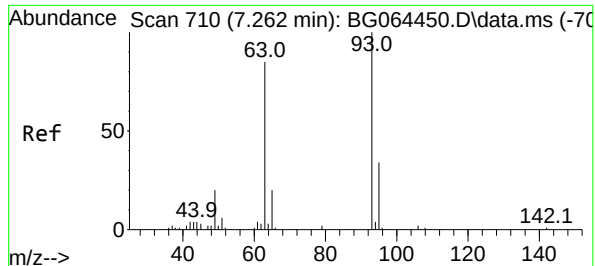
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 49.488 ng
RT: 7.038 min Scan# 672
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion: 94 Resp: 71489
Ion Ratio Lower Upper
94 100
65 40.1 21.1 61.1
66 63.3 39.7 79.7





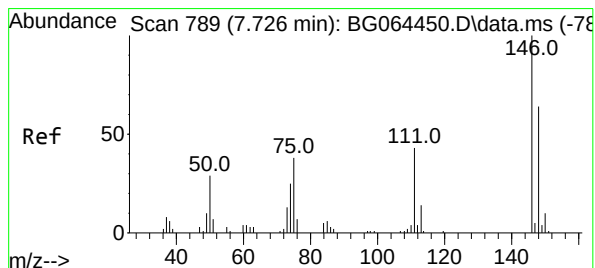
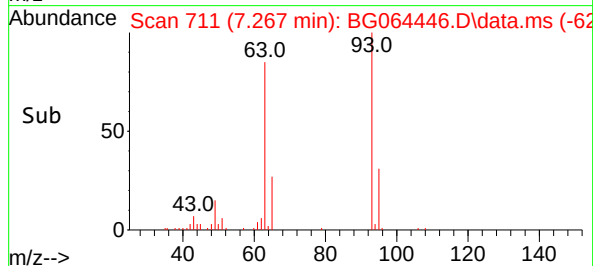
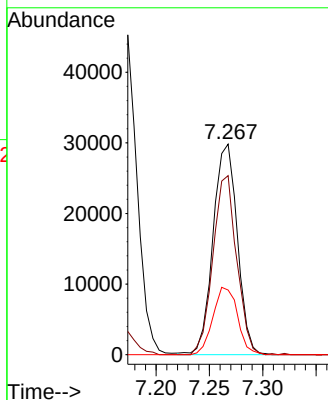
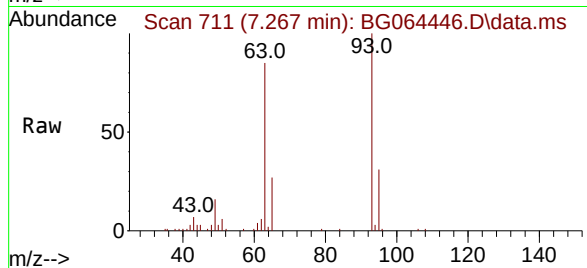
#11
bis(2-Chloroethyl)ether
Concen: 48.673 ng
RT: 7.267 min Scan# 710
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 4721
Ion Ratio Lower Upper
93 100
63 85.1 65.3 105.3
95 30.7 13.7 53.7

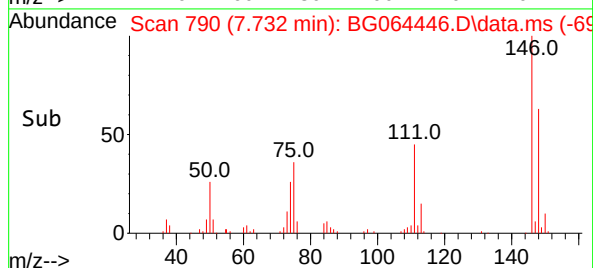
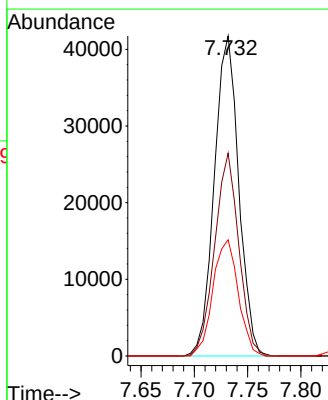
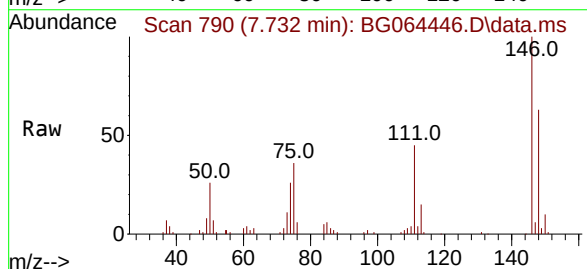
Manual Integrations
APPROVED

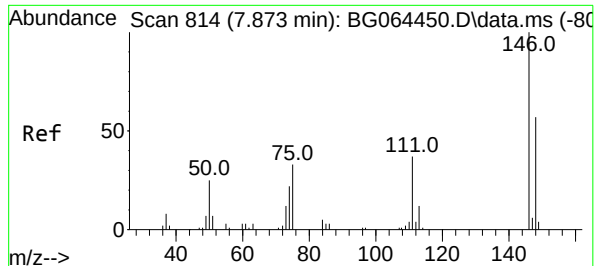
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 48.577 ng
RT: 7.732 min Scan# 790
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:146 Resp: 66341
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 36.3 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 48.588 ng

RT: 7.873 min Scan# 814

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 67784

Ion Ratio Lower Upper

146 100

148 63.1 45.3 67.9

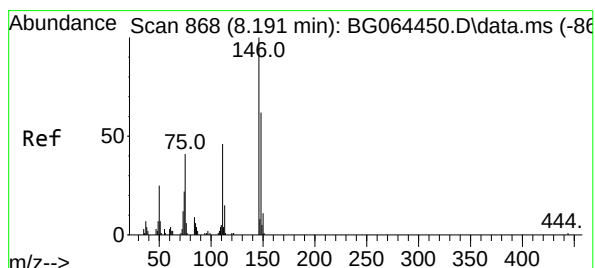
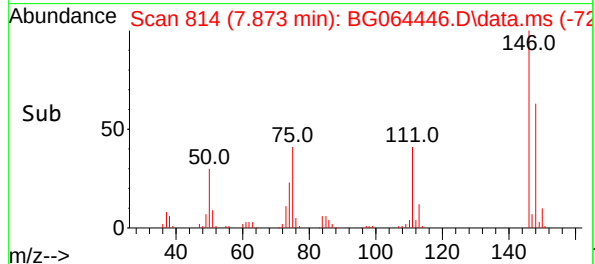
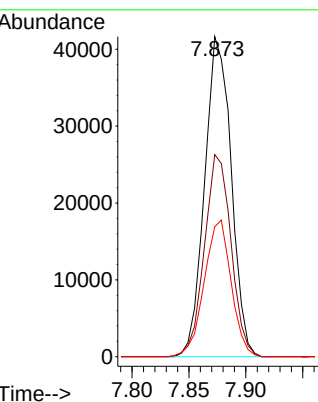
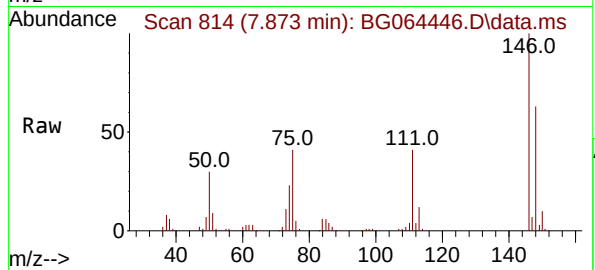
111 40.6 30.3 45.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 48.340 ng

RT: 8.190 min Scan# 868

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

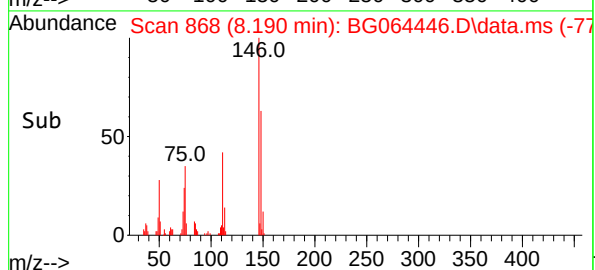
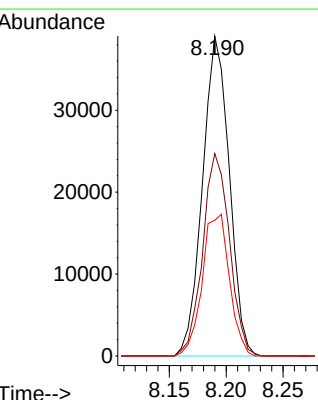
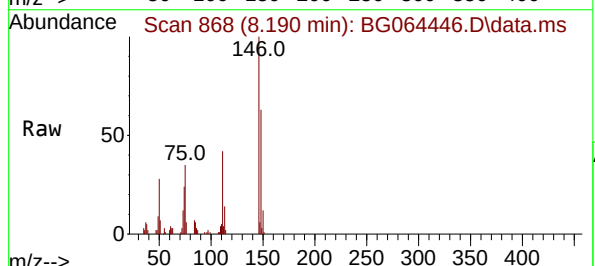
Tgt Ion:146 Resp: 63907

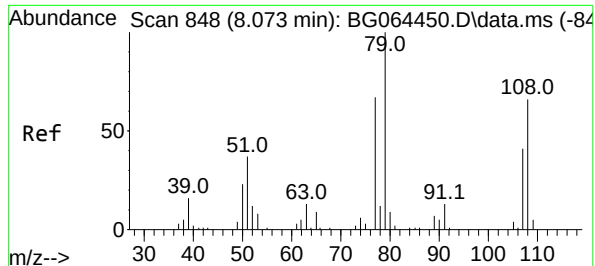
Ion Ratio Lower Upper

146 100

148 63.2 49.9 74.9

111 42.5 36.6 54.8





#15

Benzyl Alcohol

Concen: 48.991 ng

RT: 8.078 min Scan# 84

Delta R.T. 0.005 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 6158

Ion Ratio Lower Upper

79 100

108 63.2 53.0 79.6

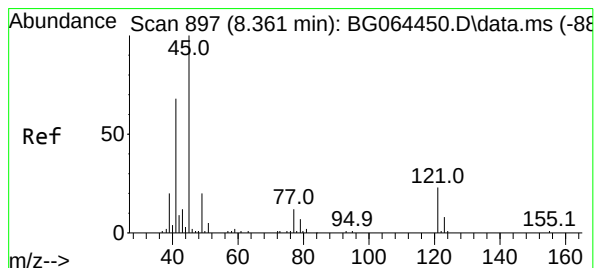
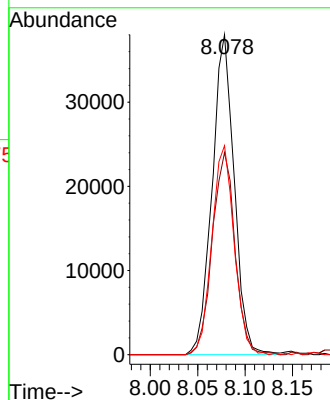
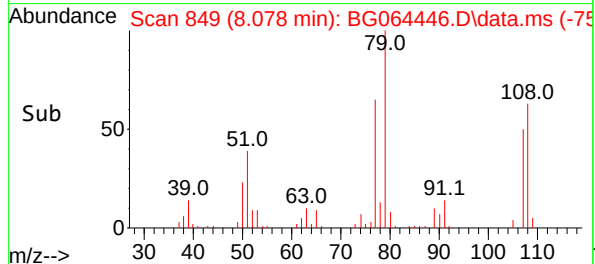
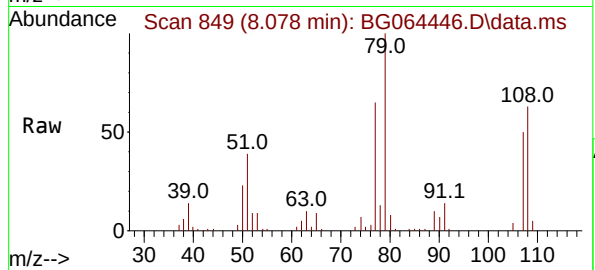
77 65.3 53.6 80.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.522 ng

RT: 8.360 min Scan# 897

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

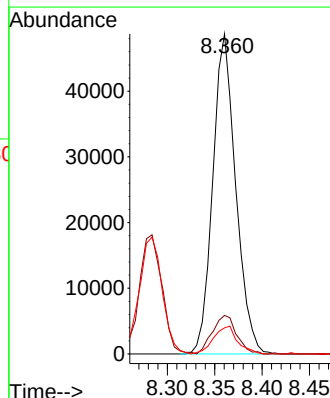
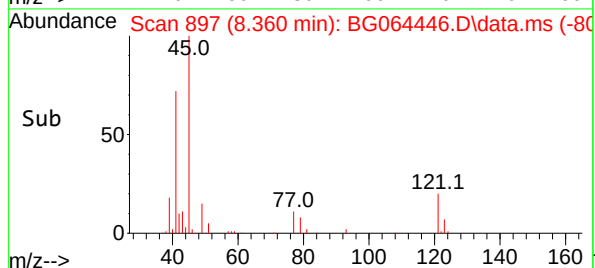
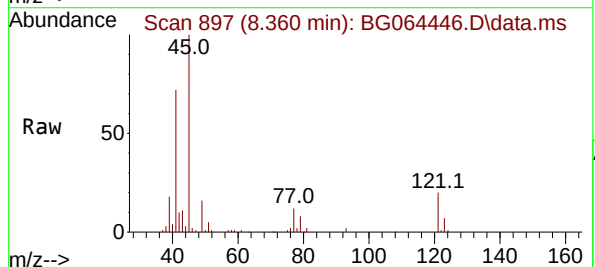
Tgt Ion: 45 Resp: 82065

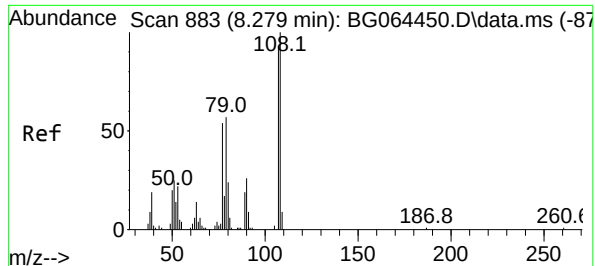
Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.8

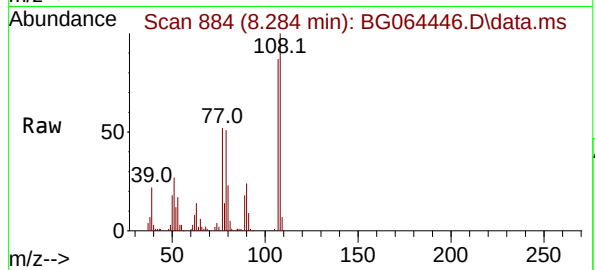
79 8.2 0.0 28.0





#17
2-Methylphenol
Concen: 48.554 ng
RT: 8.284 min Scan# 883
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

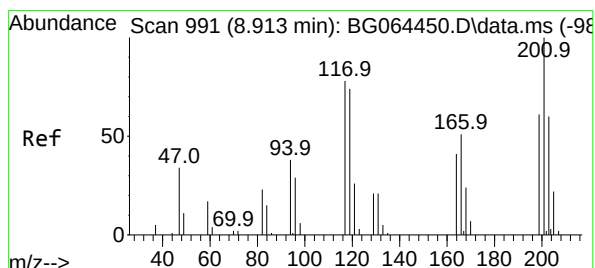
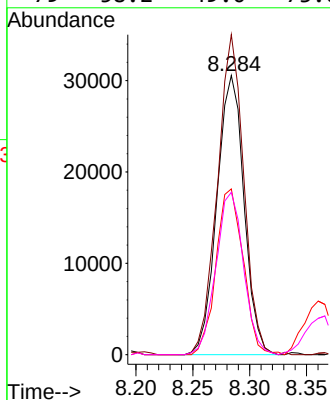
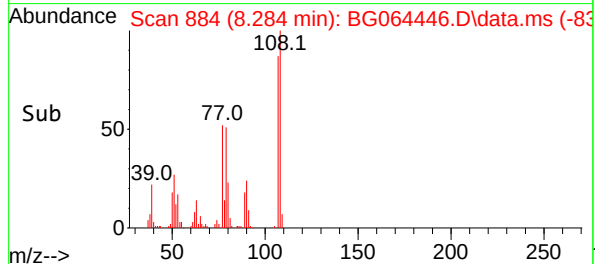
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



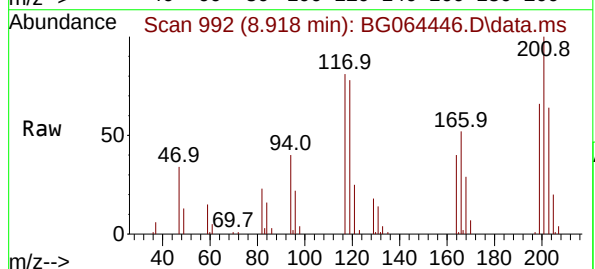
Tgt Ion:107 Resp: 50670
Ion Ratio Lower Upper
107 100
108 114.6 86.2 129.2
77 59.4 46.7 70.1
79 58.2 49.0 73.6

Manual Integrations
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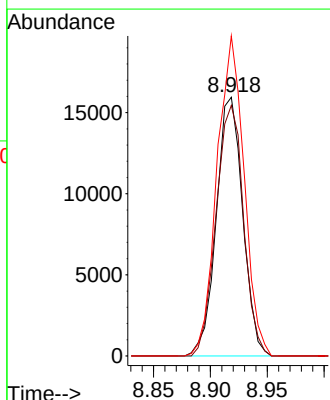
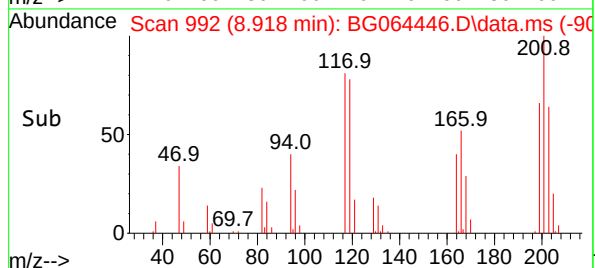
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

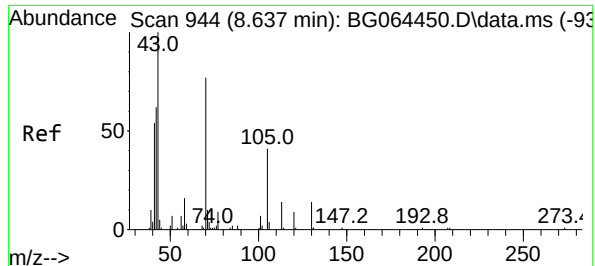


#18
Hexachloroethane
Concen: 49.006 ng
RT: 8.918 min Scan# 992
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



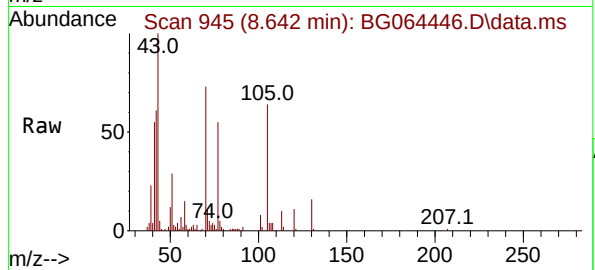
Tgt Ion:117 Resp: 25794
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
201 123.7 103.0 154.6





#19
n-Nitroso-di-n-propylamine
Concen: 49.768 ng
RT: 8.642 min Scan# 944
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

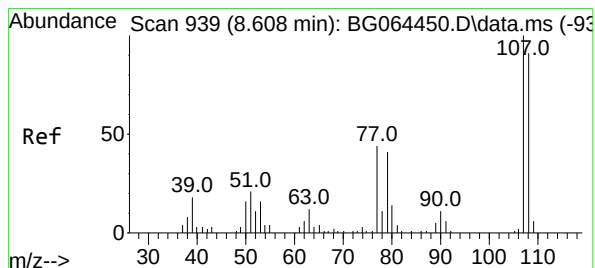
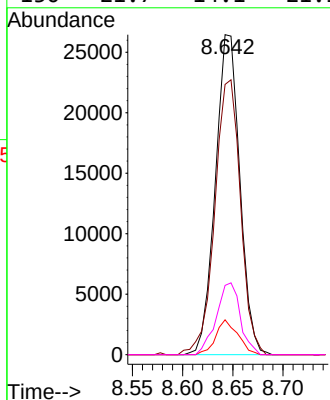
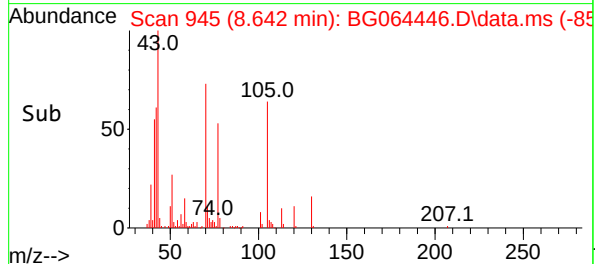
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 70 Resp: 4488
Ion Ratio Lower Upper
70 100
42 84.5 65.6 98.4
101 10.9 7.7 11.5
130 21.7 14.1 21.1#

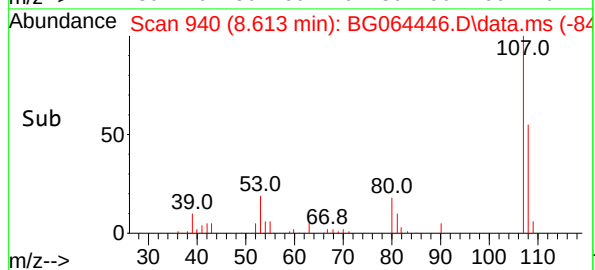
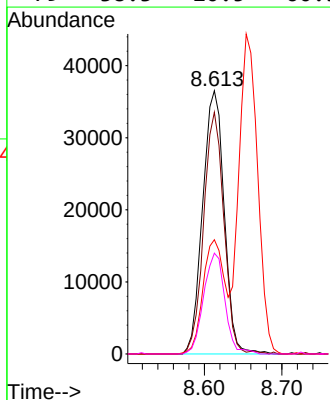
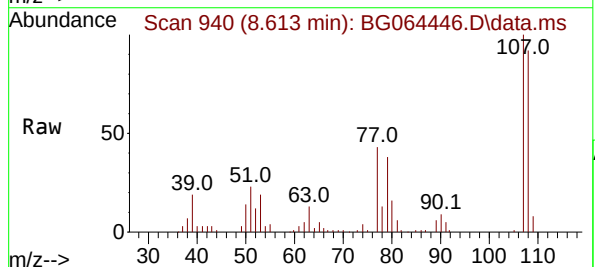
Manual Integrations
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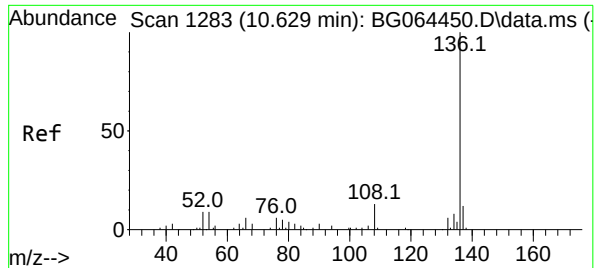
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#20
3+4-Methylphenols
Concen: 48.034 ng
RT: 8.613 min Scan# 940
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:107 Resp: 70465
Ion Ratio Lower Upper
107 100
108 91.9 70.9 110.9
77 43.4 24.4 64.4
79 38.3 20.5 60.5





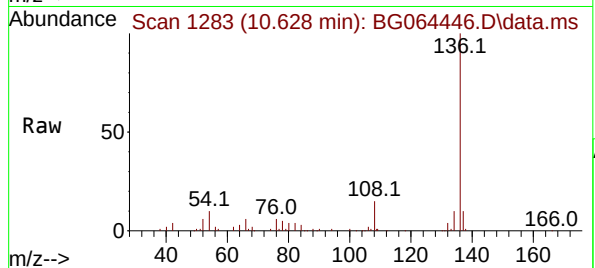
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

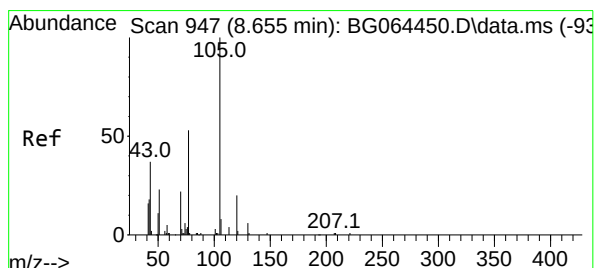
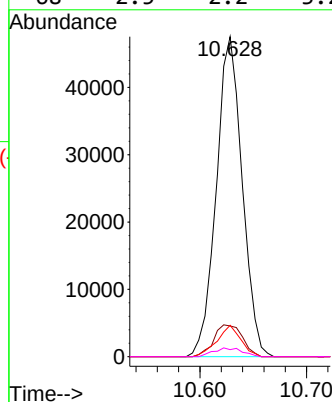
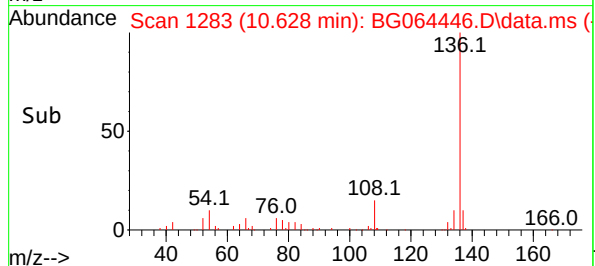


Tgt Ion:136 Resp: 80100
Ion Ratio Lower Upper
136 100
137 9.6 9.6 14.4
54 9.8 7.4 11.2
68 2.5 2.2 3.2

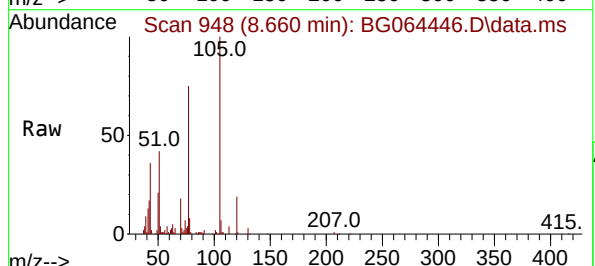
Manual Integrations

APPROVED

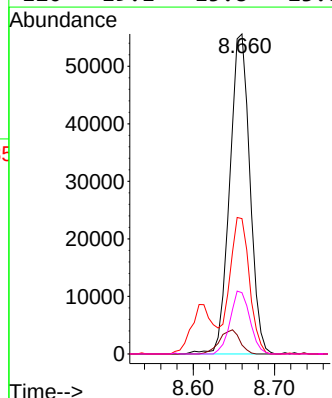
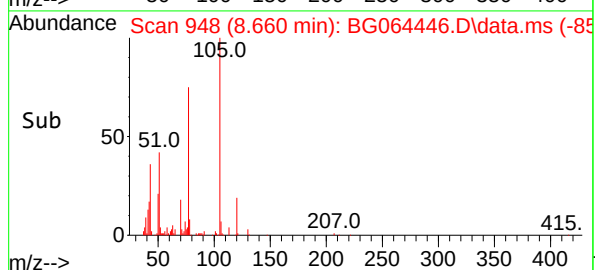
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

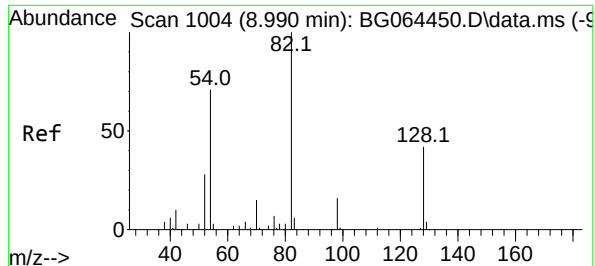


#22
Acetophenone
Concen: 49.995 ng
RT: 8.660 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



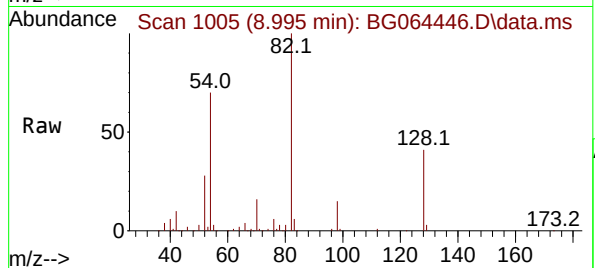
Tgt Ion:105 Resp: 95873
Ion Ratio Lower Upper
105 100
71 2.8 2.5 3.7
51 42.3 29.0 43.6
120 19.1 15.8 23.8





#23
Nitrobenzene-d5
Concen: 102.115 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

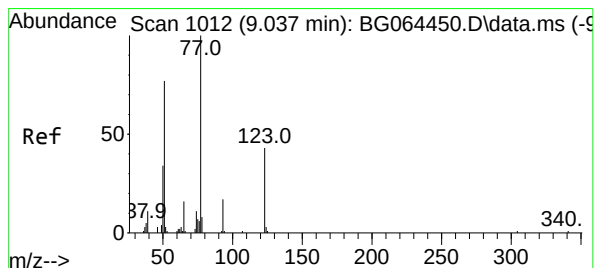
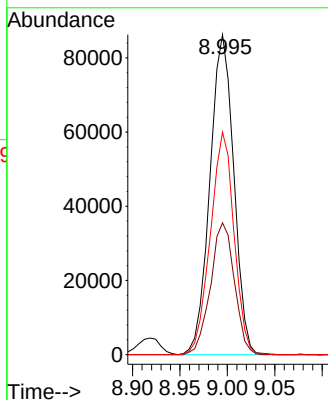
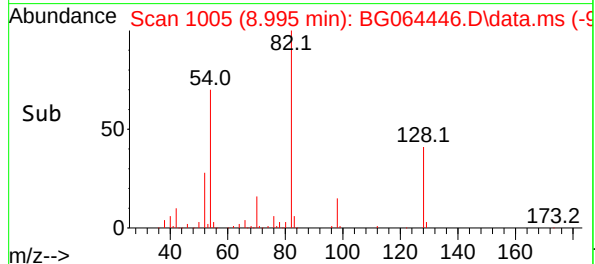
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 150920
Ion Ratio Lower Upper
82 100
128 41.2 33.7 50.5
54 69.5 57.0 85.6

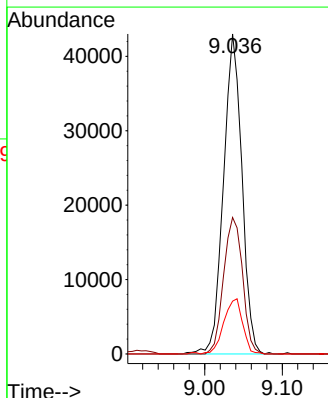
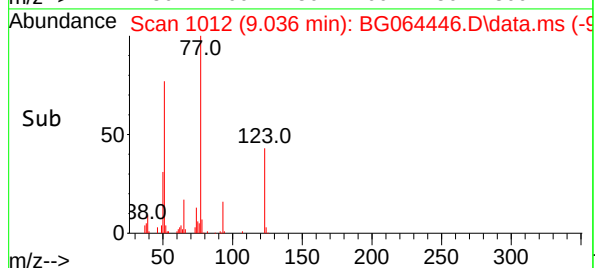
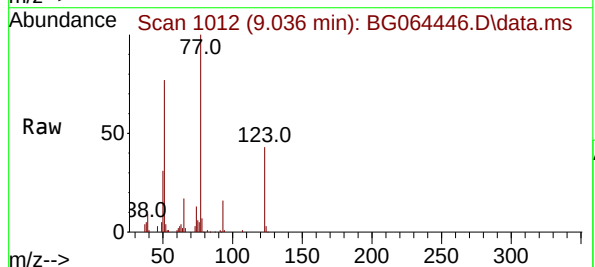
Manual Integrations
APPROVED

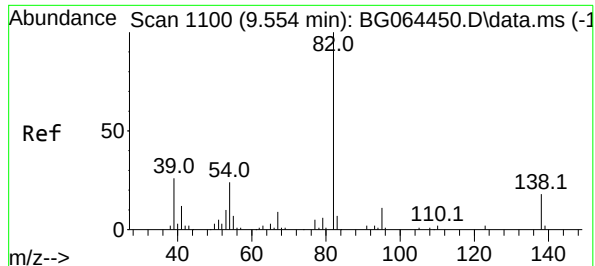
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#24
Nitrobenzene
Concen: 49.201 ng
RT: 9.036 min Scan# 1012
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion: 77 Resp: 70983
Ion Ratio Lower Upper
77 100
123 42.6 34.7 52.1
65 16.5 12.8 19.2





#25

Isophorone

Concen: 48.201 ng

RT: 9.559 min Scan# 1101

Delta R.T. 0.005 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

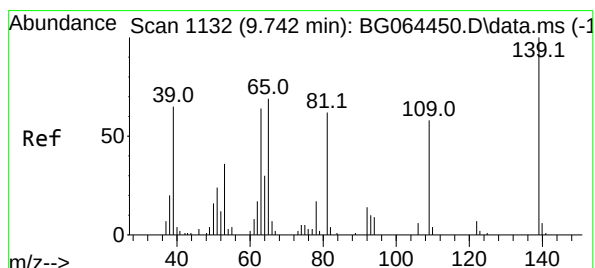
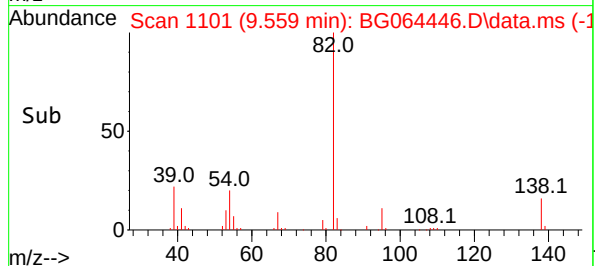
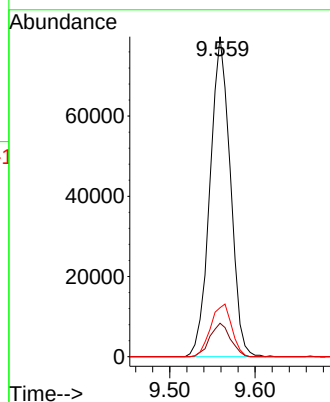
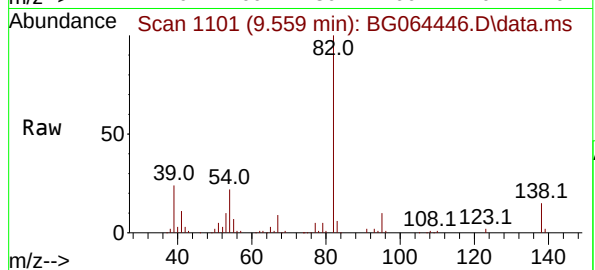
Tgt Ion:	82	Resp:	13181
Ion	Ratio	Lower	Upper
82	100		
95	10.5	8.5	12.7
138	15.3	14.3	21.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 51.270 ng

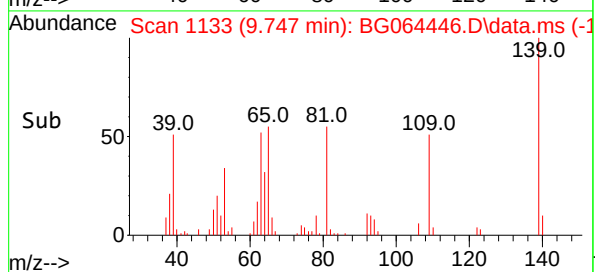
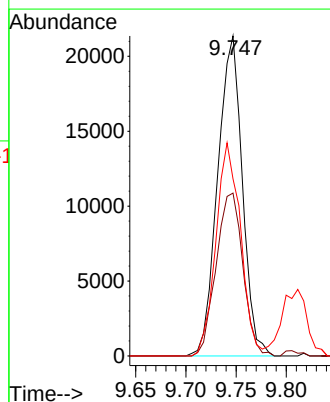
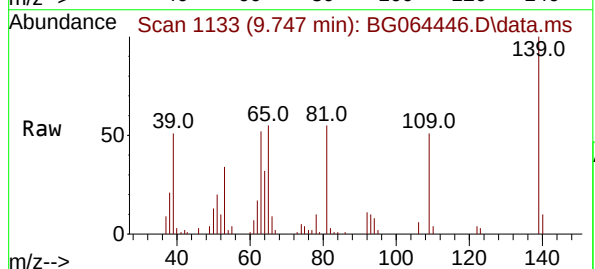
RT: 9.747 min Scan# 1133

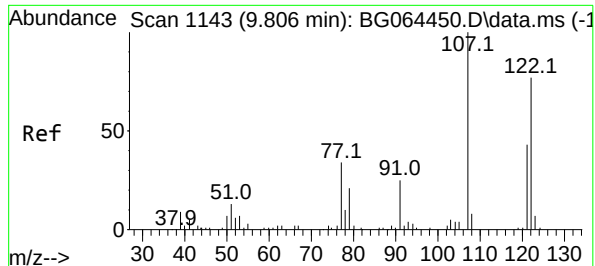
Delta R.T. 0.005 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Tgt Ion:	139	Resp:	36410
Ion	Ratio	Lower	Upper
139	100		
109	50.9	46.6	70.0
65	55.4	54.9	82.3





#27

2,4-Dimethylphenol

Concen: 48.311 ng

RT: 9.806 min Scan# 1143

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 5533

Ion Ratio Lower Upper

122 100

107 127.7 102.6 153.8

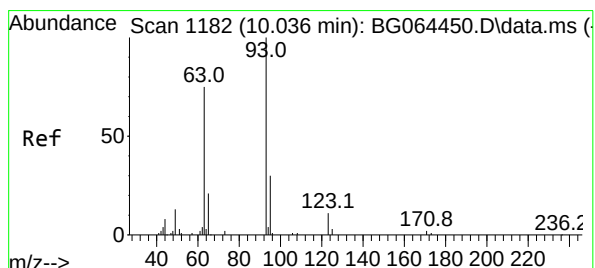
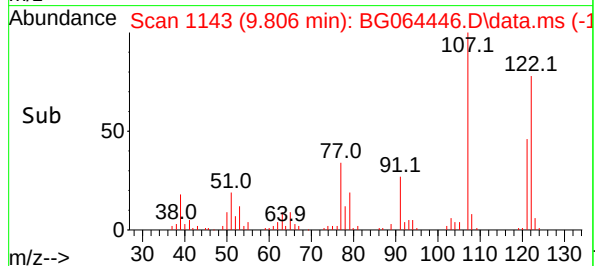
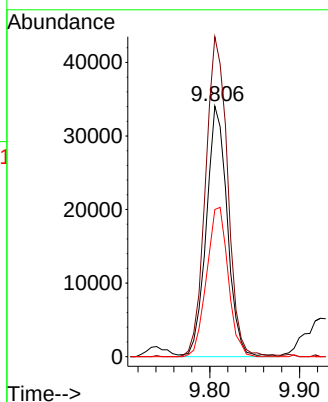
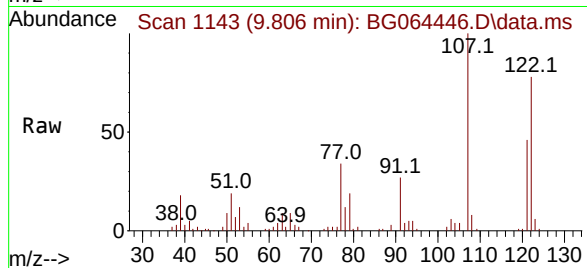
121 58.7 44.4 66.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 47.959 ng

RT: 10.041 min Scan# 1183

Delta R.T. 0.005 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

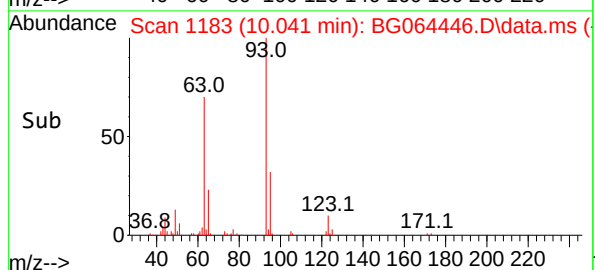
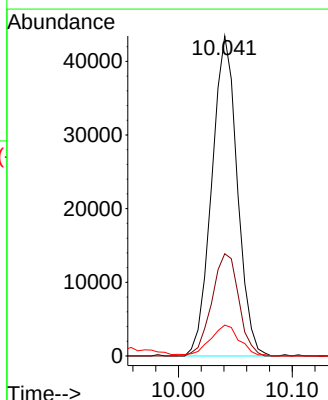
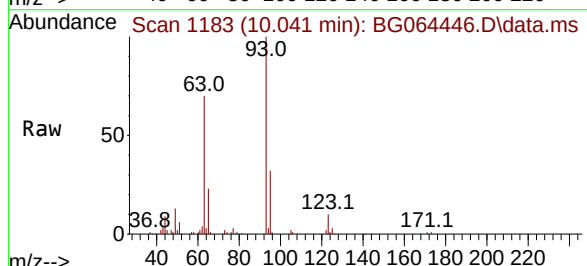
Tgt Ion: 93 Resp: 67757

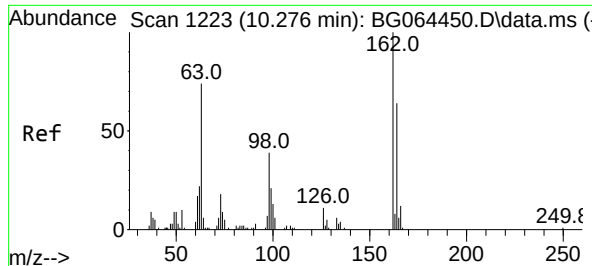
Ion Ratio Lower Upper

93 100

95 32.0 24.0 36.0

123 9.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.367 ng

RT: 10.282 min Scan# 1223

Delta R.T. 0.005 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 65078

Ion Ratio Lower Upper

162 100

164 62.3 43.7 83.7

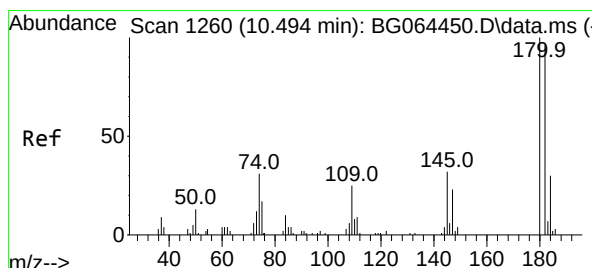
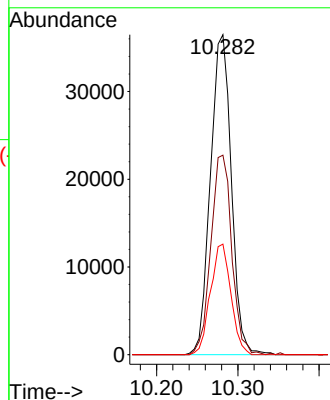
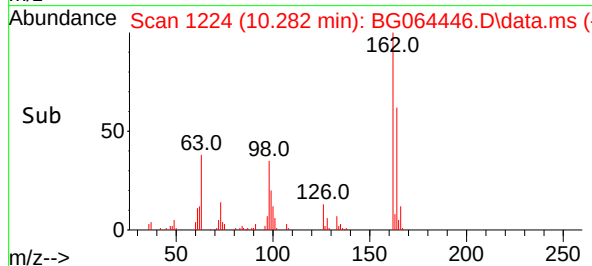
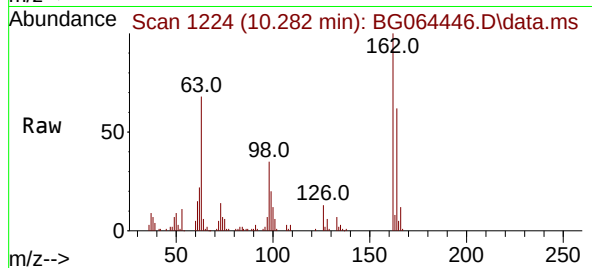
98 34.5 19.2 59.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 49.152 ng

RT: 10.493 min Scan# 1260

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

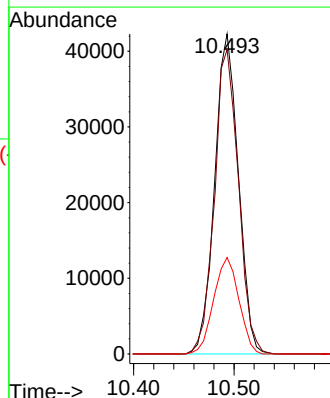
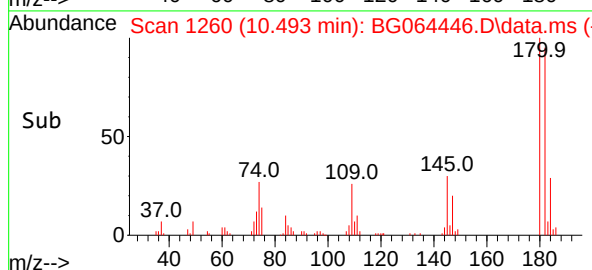
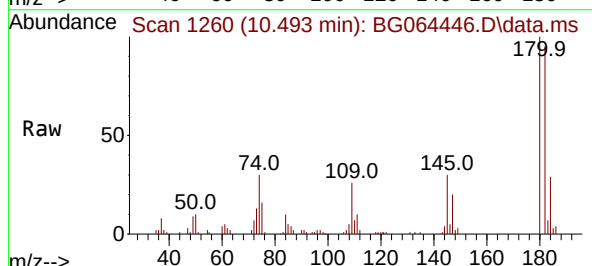
Tgt Ion:180 Resp: 69307

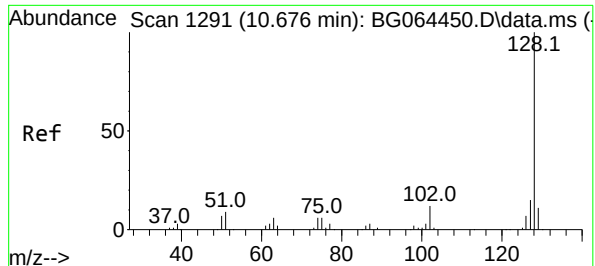
Ion Ratio Lower Upper

180 100

182 95.2 77.0 115.4

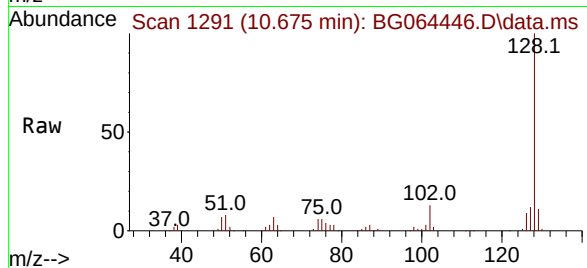
145 30.2 25.4 38.2





#31
Naphthalene
Concen: 47.809 ng
RT: 10.675 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

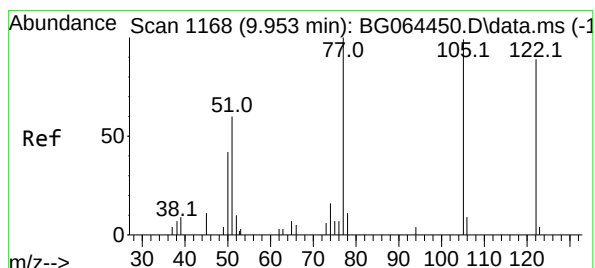
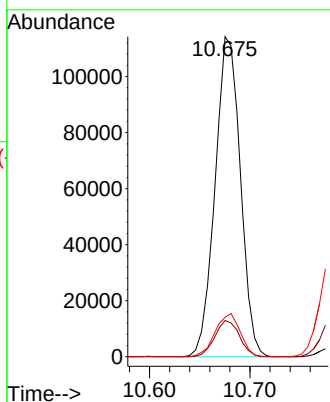
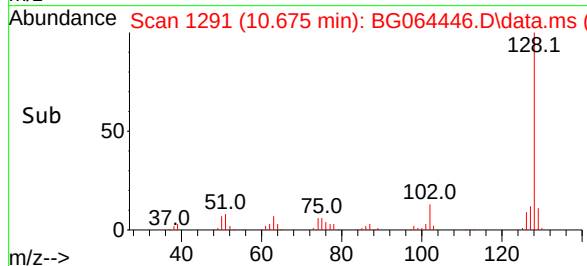
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 199924
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 12.3 12.1 18.1

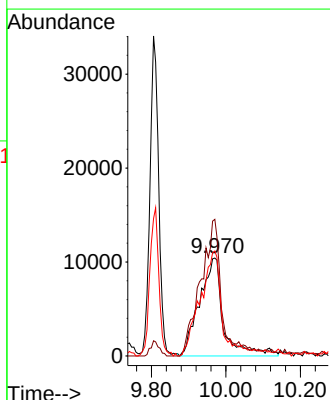
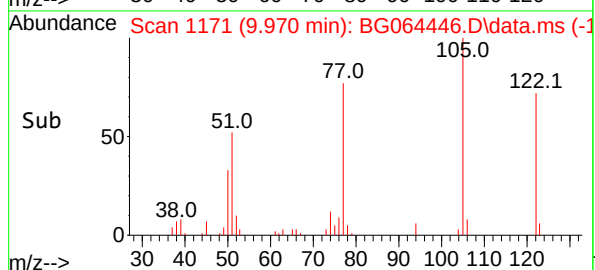
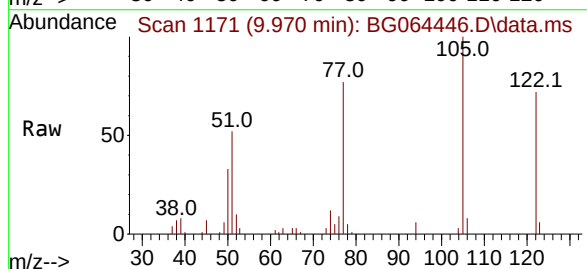
Manual Integrations
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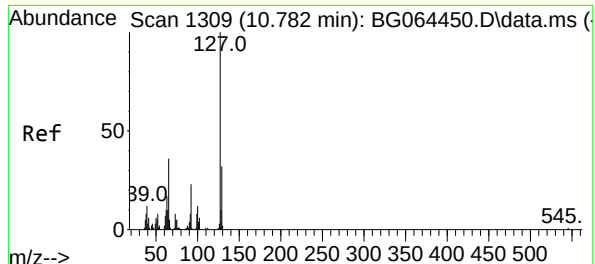
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 54.965 ng m
RT: 9.970 min Scan# 1171
Delta R.T. 0.017 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

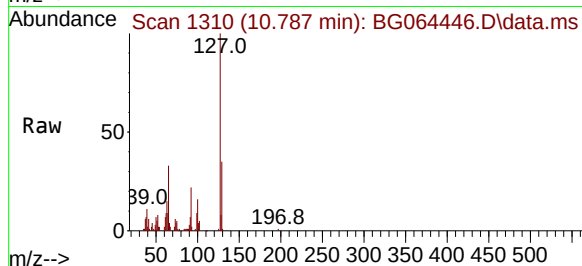
Tgt Ion:122 Resp: 46579
Ion Ratio Lower Upper
122 100
105 139.6 91.0 131.0#
77 107.2 92.2 132.2





#33
4-Chloroaniline
Concen: 50.226 ng
RT: 10.787 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

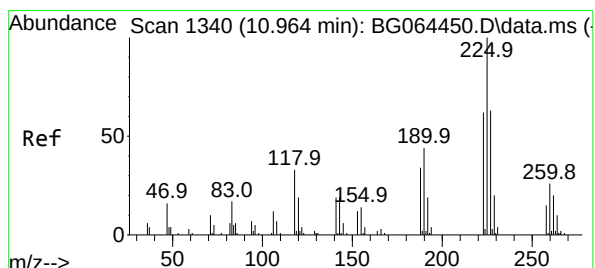
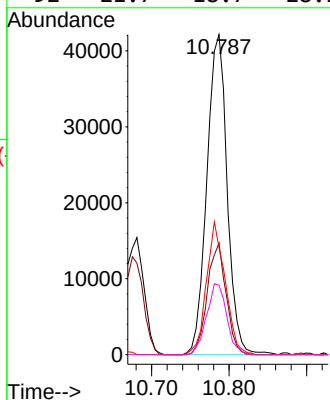
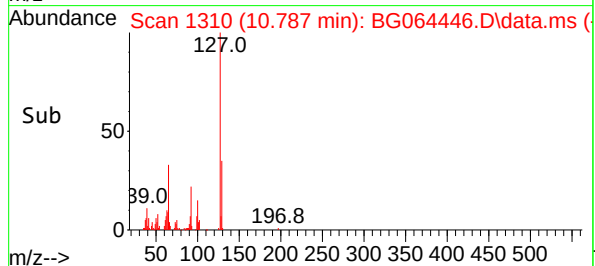
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 76830
Ion Ratio Lower Upper
127 100
129 34.9 25.7 38.5
65 33.4 28.6 43.0
92 21.7 18.7 28.1

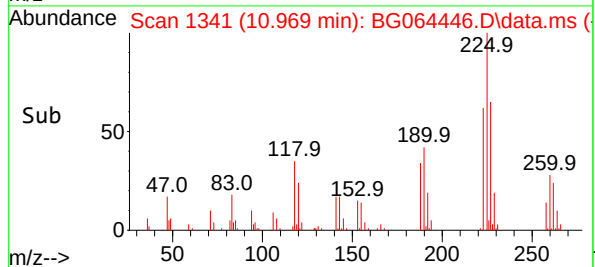
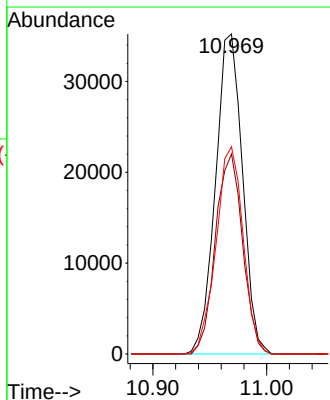
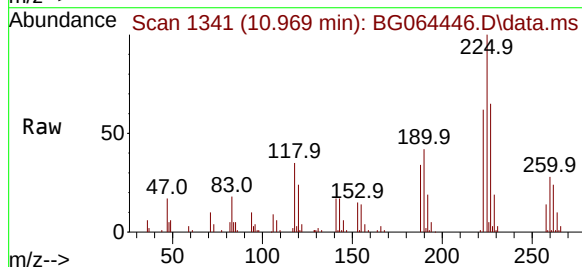
Manual Integrations
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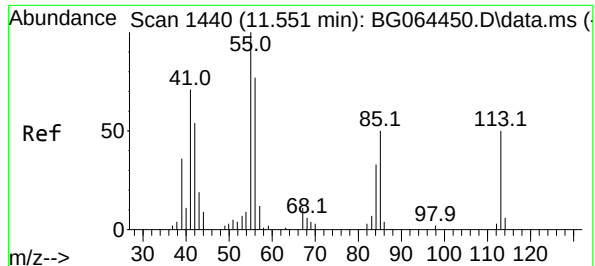
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 48.328 ng
RT: 10.969 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:225 Resp: 58045
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.2
227 64.7 50.0 75.0





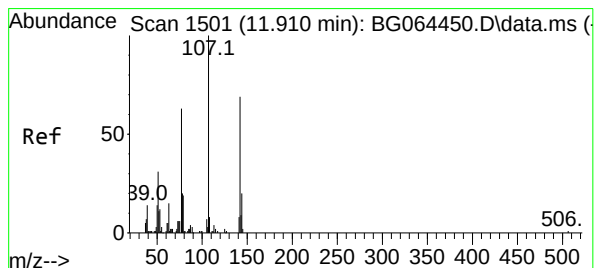
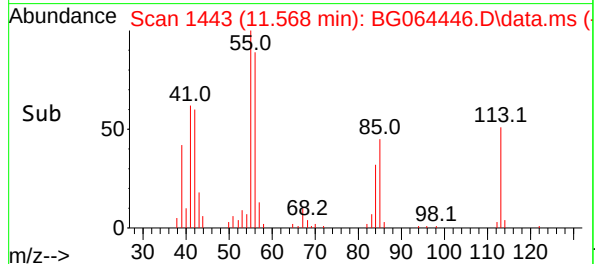
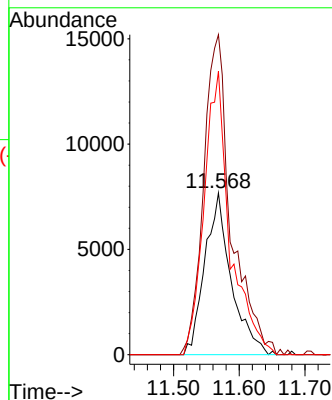
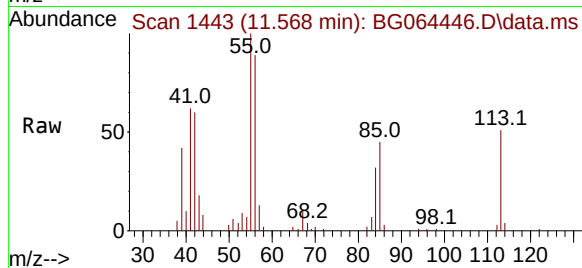
#35
Caprolactam
Concen: 49.406 ng
RT: 11.568 min Scan# 1440
Delta R.T. 0.017 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	197.9	178.3	218.3
56	175.2	132.4	172.4

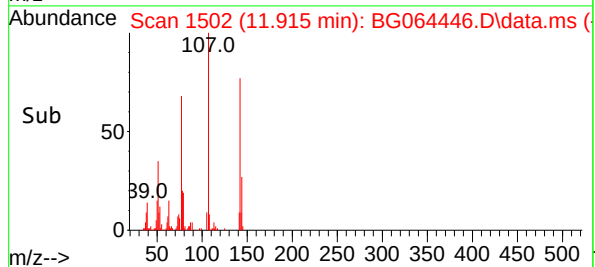
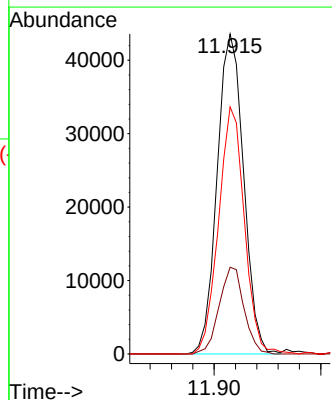
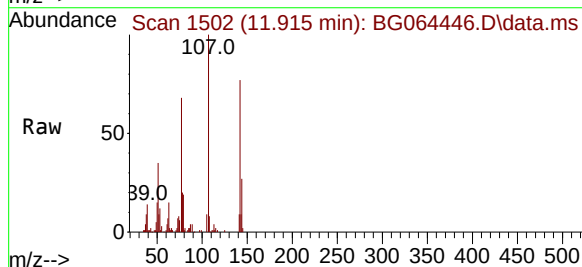
Manual Integrations
APPROVED

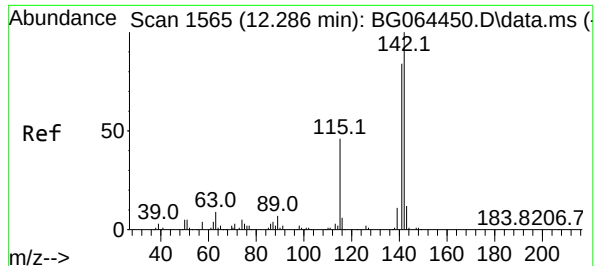
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 48.094 ng
RT: 11.915 min Scan# 1502
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

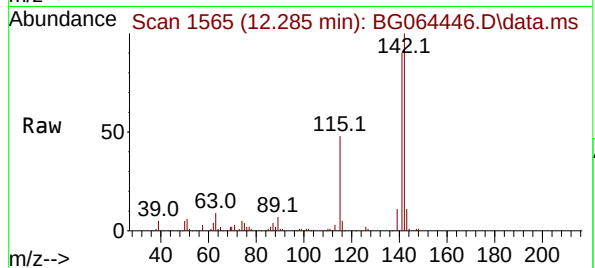
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	16.3	24.5
142	77.2	55.5	83.3





#37
2-Methylnaphthalene
Concen: 48.312 ng
RT: 12.285 min Scan# 1565
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

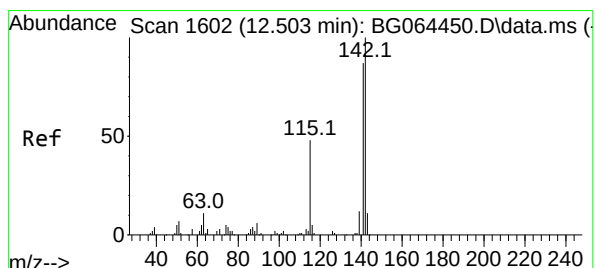
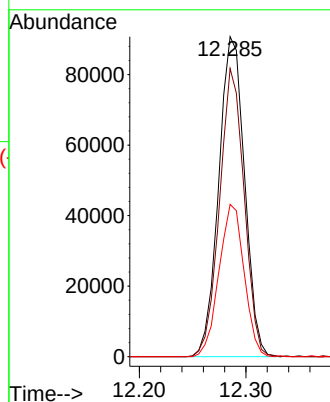
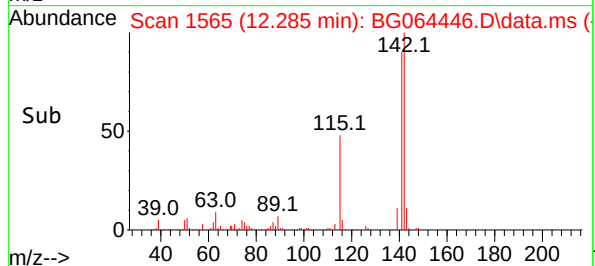
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 15255
Ion Ratio Lower Upper
142 100
141 90.0 67.3 100.9
115 47.6 37.0 55.4

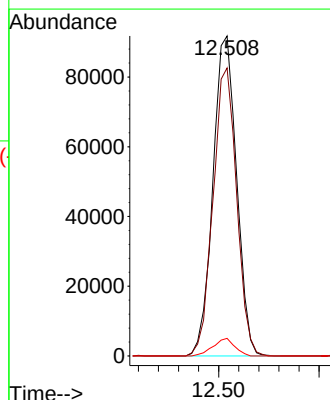
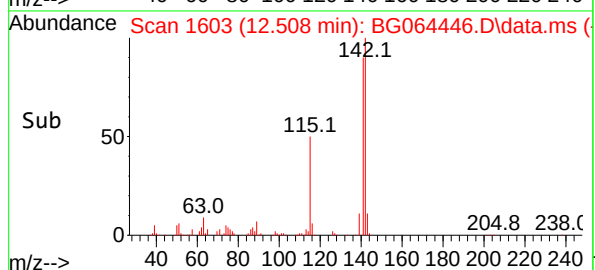
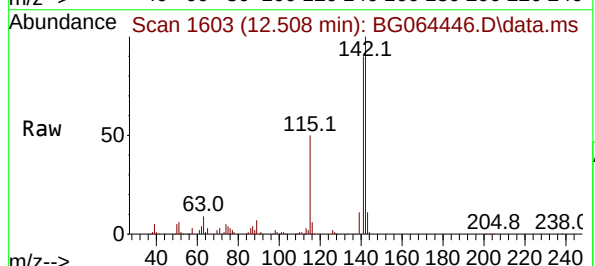
Manual Integrations
APPROVED

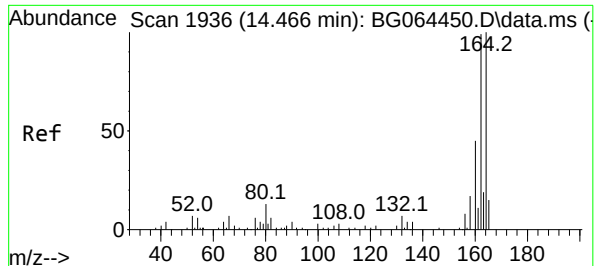
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 48.342 ng
RT: 12.508 min Scan# 1603
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

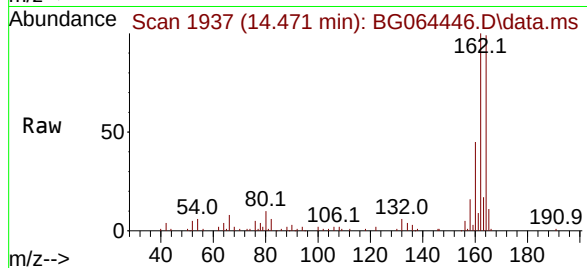
Tgt Ion:142 Resp: 149984
Ion Ratio Lower Upper
142 100
141 90.0 69.2 103.8
116 5.5 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.471 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

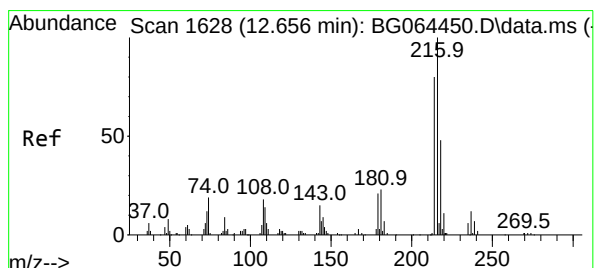
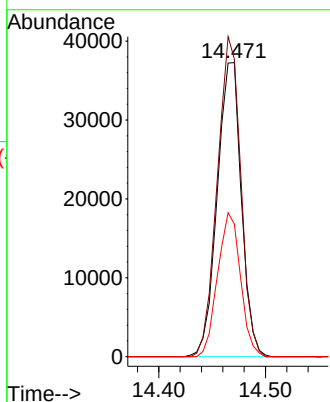
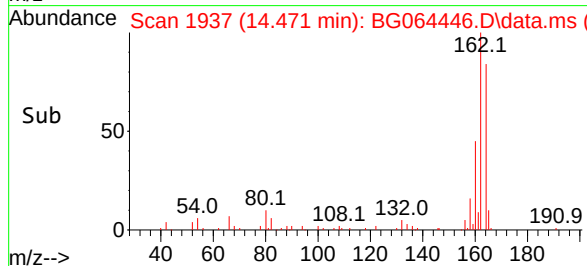
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



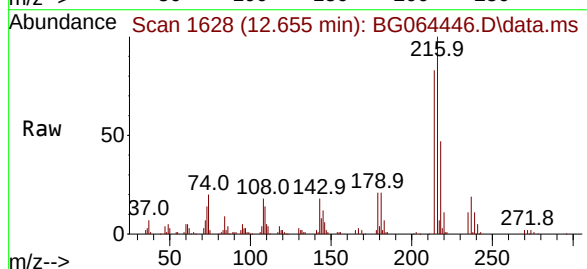
Tgt Ion:164 Resp: 5857
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.4
160 45.1 36.3 54.5

Manual Integrations
APPROVED

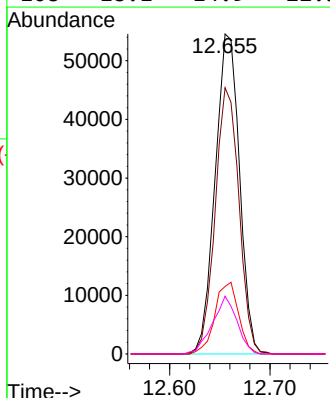
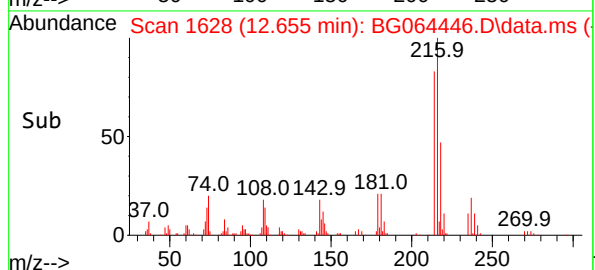
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

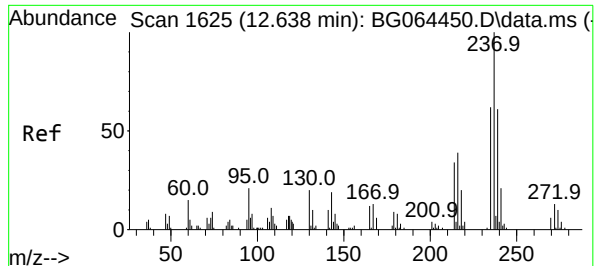


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.271 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



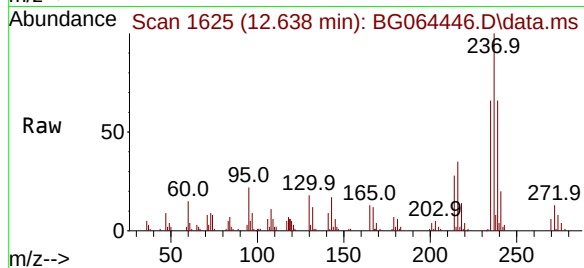
Tgt Ion:216 Resp: 91972
Ion Ratio Lower Upper
216 100
214 81.2 63.1 94.7
179 21.8 17.4 26.2
108 18.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 50.568 ng
RT: 12.638 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

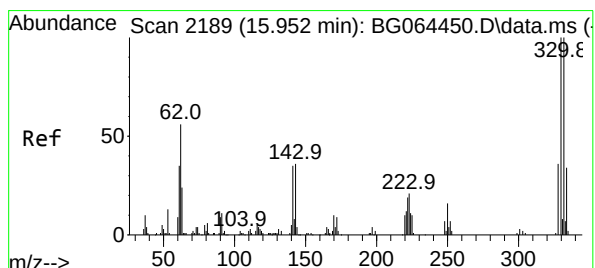
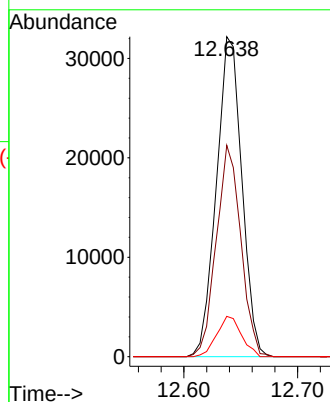
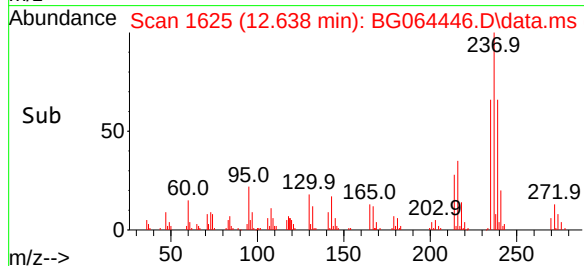
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



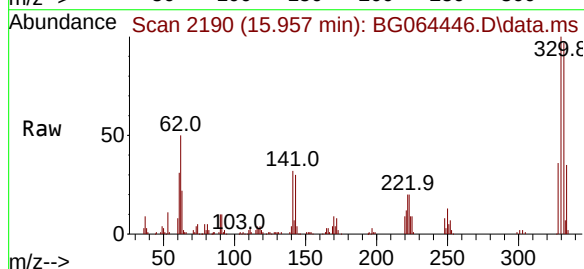
Tgt Ion: 237 Resp: 5013
Ion Ratio Lower Upper
237 100
235 66.1 42.2 82.2
272 12.6 0.0 32.8

Manual Integrations
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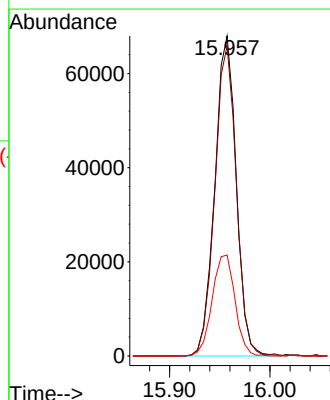
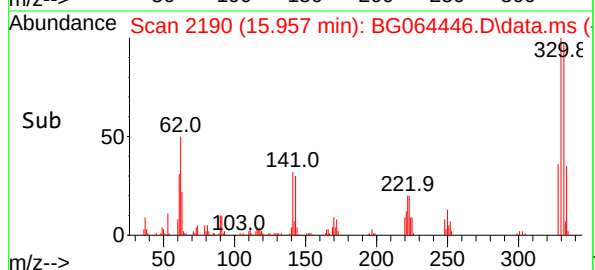
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

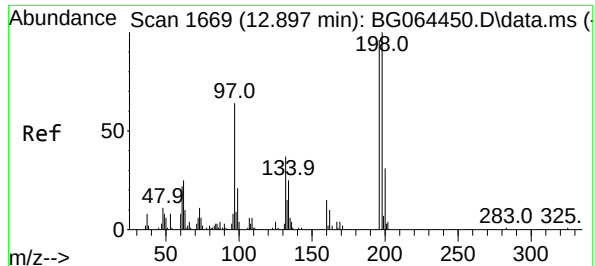


#42
2,4,6-Tribromophenol
Concen: 98.532 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



Tgt Ion: 330 Resp: 100750
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 33.7 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 50.046 ng

RT: 12.896 min Scan# 1669

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:196 Resp: 60930

Ion Ratio Lower Upper

196 100

198 99.7 83.8 125.6

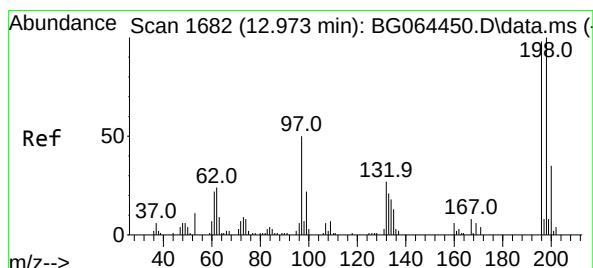
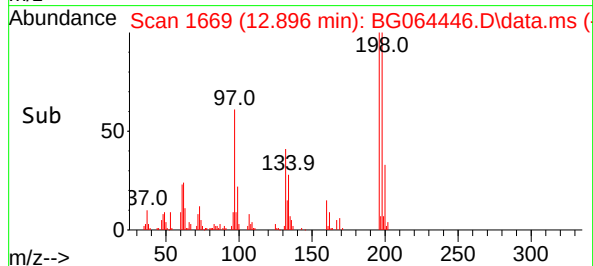
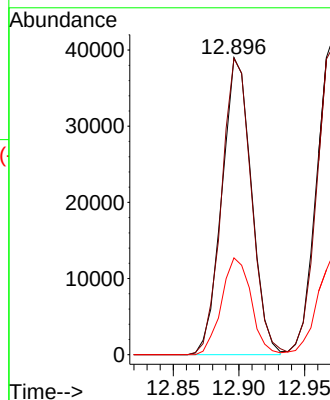
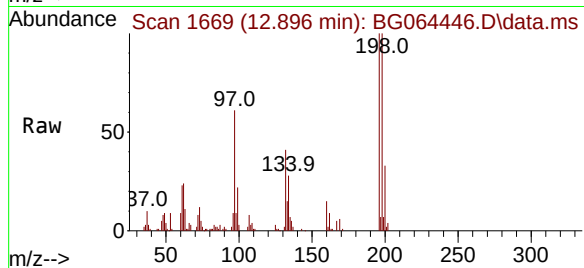
200 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 51.525 ng

RT: 12.973 min Scan# 1682

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Tgt Ion:196 Resp: 69550

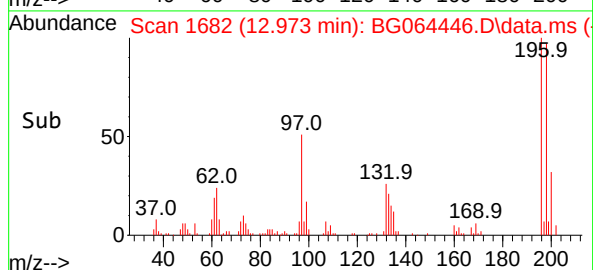
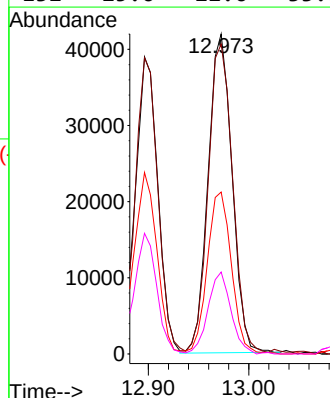
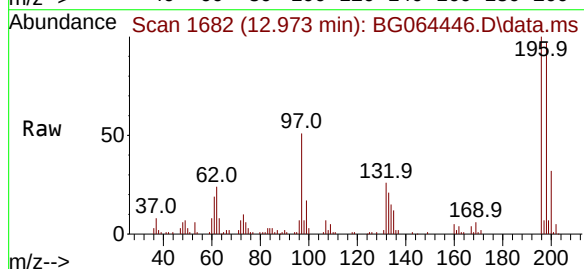
Ion Ratio Lower Upper

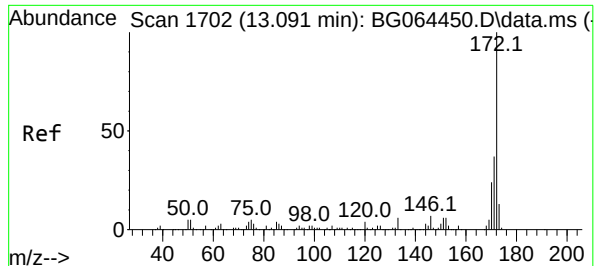
196 100

198 96.8 80.9 121.3

97 50.6 40.5 60.7

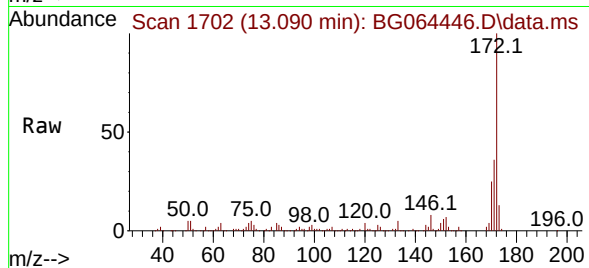
132 25.6 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 98.286 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

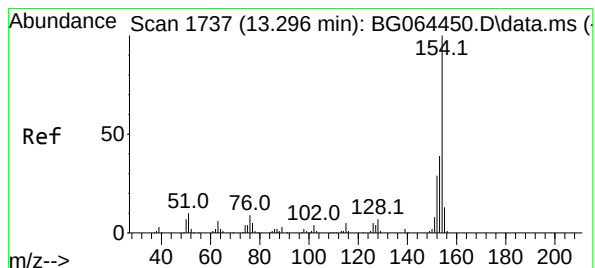
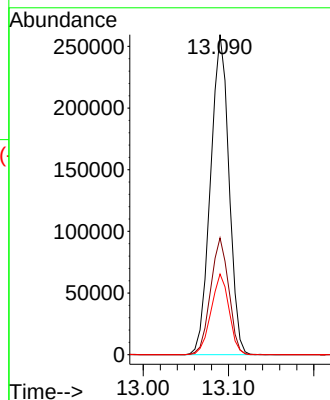
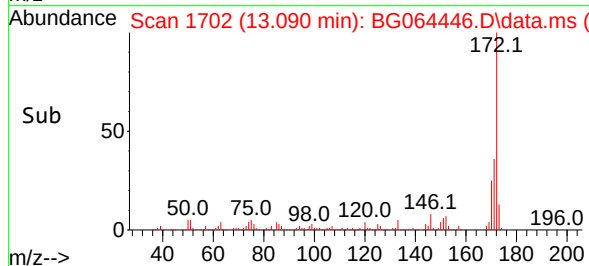
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



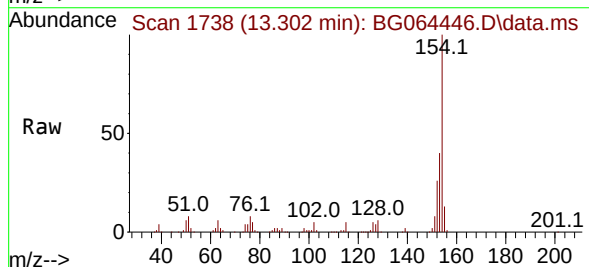
Tgt Ion:172 Resp: 38985
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 25.2 18.9 28.3

Manual Integrations
APPROVED

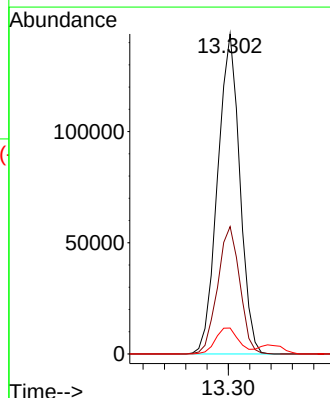
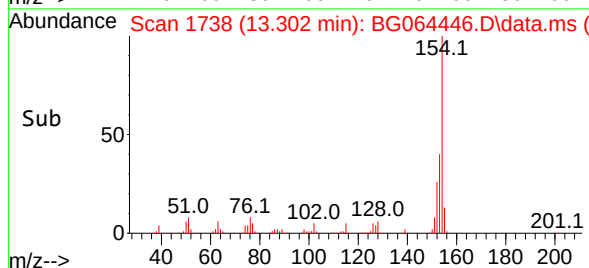
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

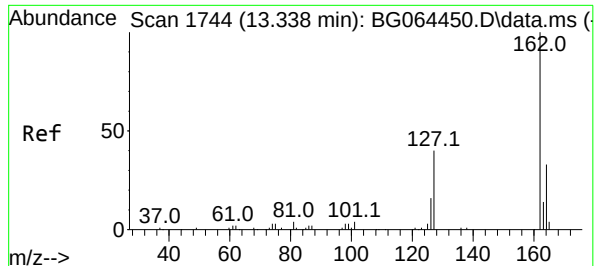


#46
1,1'-Biphenyl
Concen: 49.685 ng
RT: 13.302 min Scan# 1738
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



Tgt Ion:154 Resp: 207012
Ion Ratio Lower Upper
154 100
153 39.8 18.8 58.8
76 8.1 0.0 28.8





#47

2-Chloronaphthalene

Concen: 48.801 ng

RT: 13.343 min Scan# 1744

Delta R.T. 0.005 min

Lab File: BG064446.D

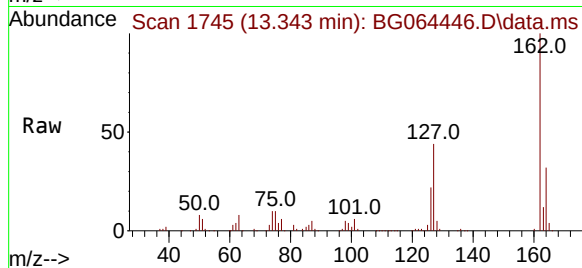
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 154539

Ion Ratio Lower Upper

162 100

127 44.1 36.2 54.4

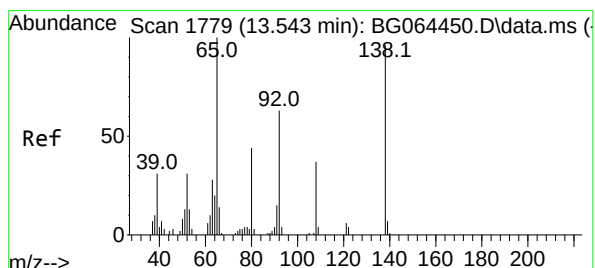
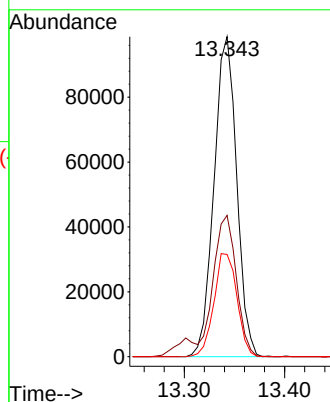
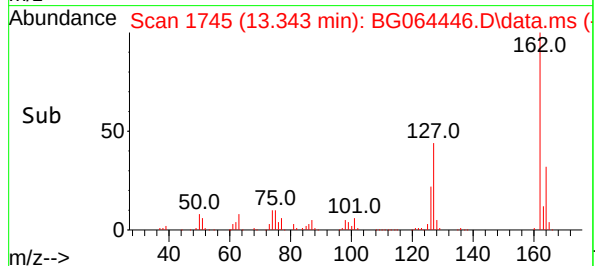
164 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 52.060 ng

RT: 13.542 min Scan# 1779

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

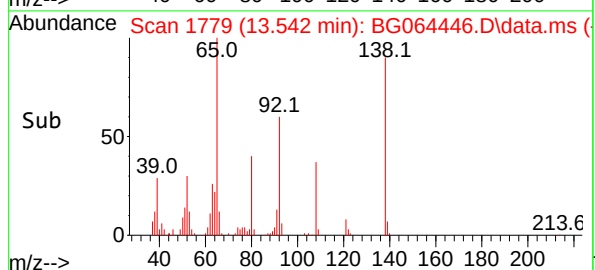
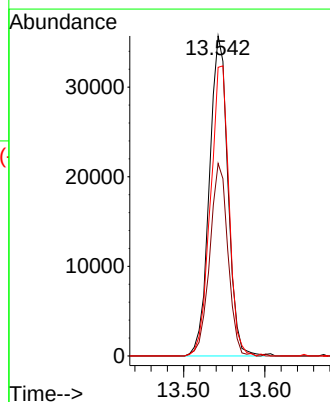
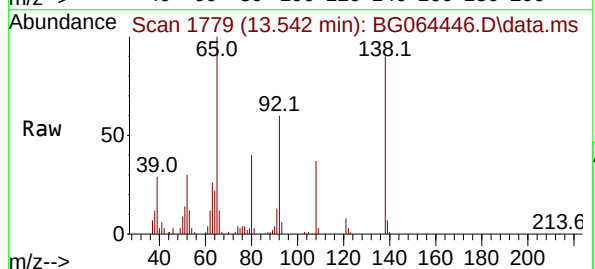
Tgt Ion: 65 Resp: 56660

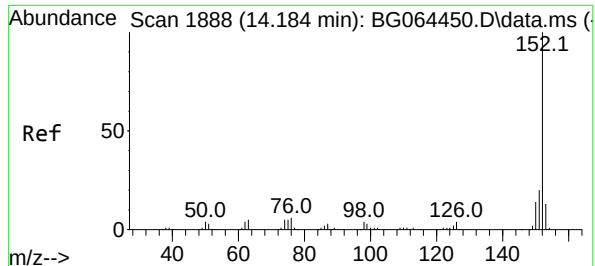
Ion Ratio Lower Upper

65 100

92 60.2 50.6 75.8

138 90.2 76.4 114.6





#49

Acenaphthylene

Concen: 49.165 ng

RT: 14.189 min Scan# 1889

Delta R.T. 0.005 min

Lab File: BG064446.D

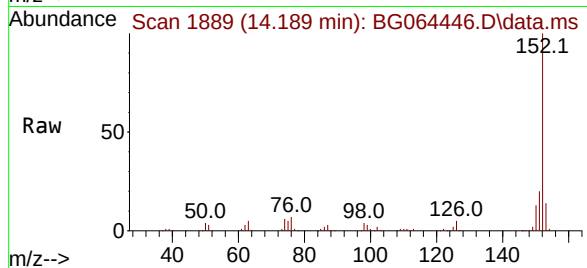
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



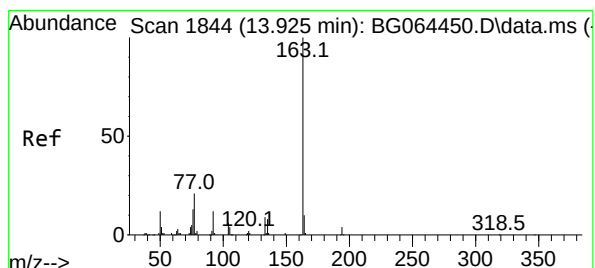
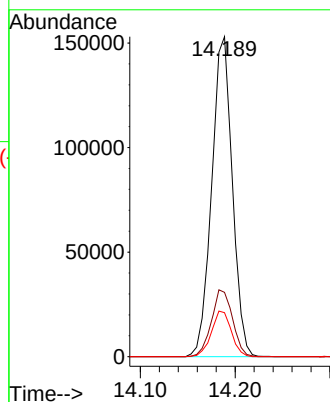
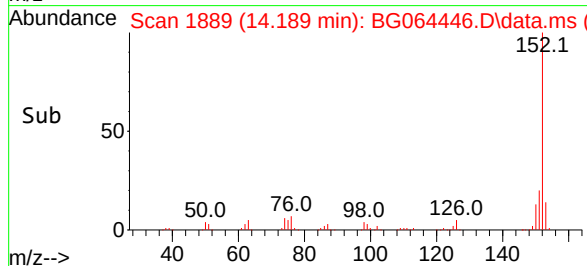
Tgt Ion:	152	Resp:	231138
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.8	10.6	16.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

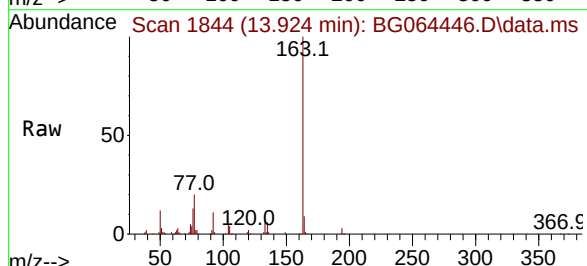
Concen: 49.505 ng

RT: 13.924 min Scan# 1844

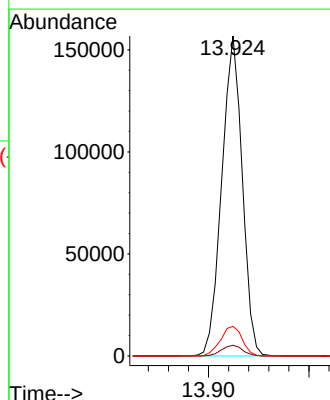
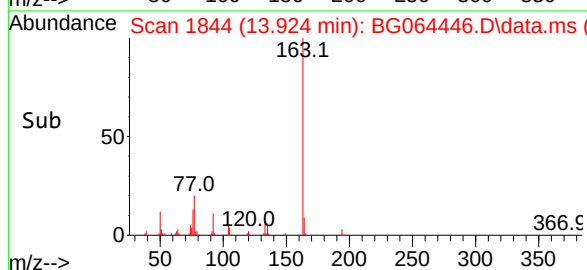
Delta R.T. -0.001 min

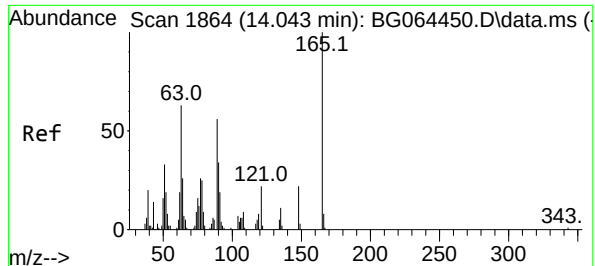
Lab File: BG064446.D

Acq: 25 Sep 2025 15:22



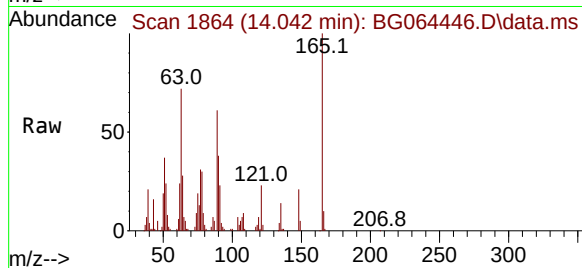
Tgt Ion:	163	Resp:	221509
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	9.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 49.312 ng
RT: 14.042 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

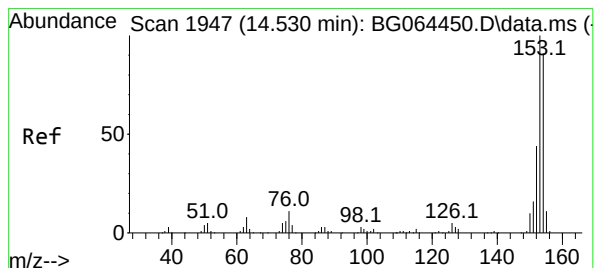
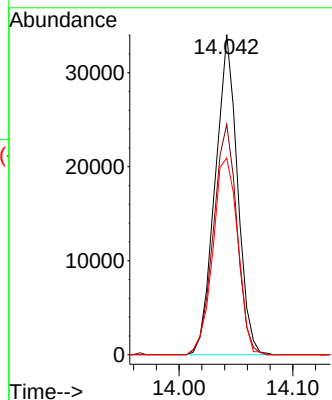
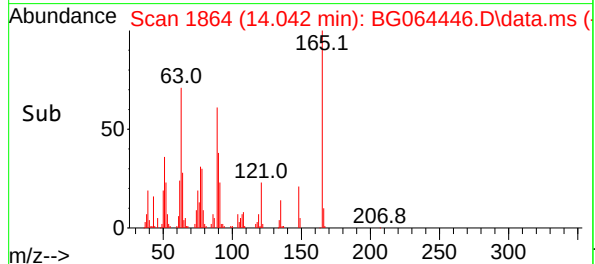
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 46349
Ion Ratio Lower Upper
165 100
63 72.0 50.6 75.8
89 61.4 44.6 67.0

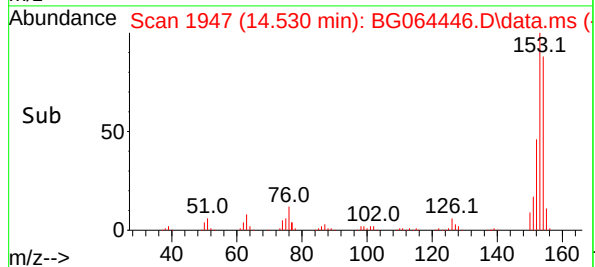
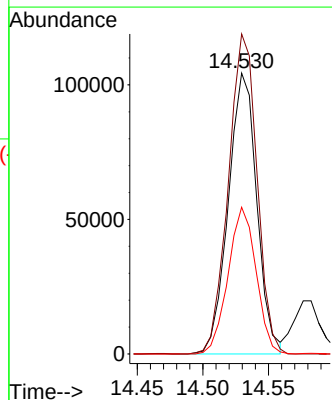
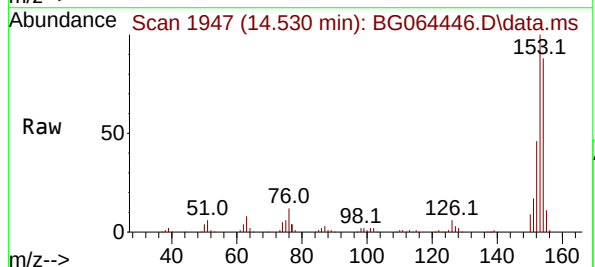
Manual Integrations
APPROVED

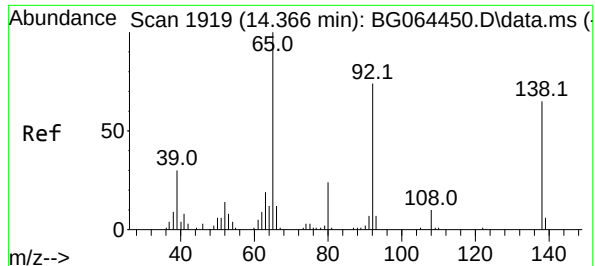
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 49.115 ng
RT: 14.530 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:154 Resp: 158018
Ion Ratio Lower Upper
154 100
153 114.0 88.1 132.1
152 52.3 39.0 58.4





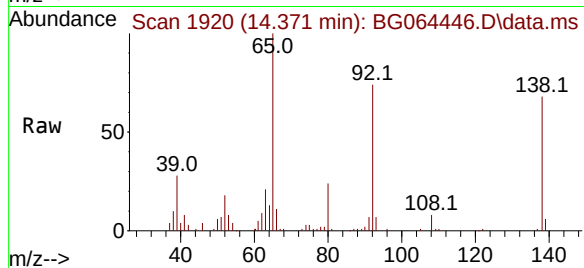
#53
3-Nitroaniline
Concen: 52.941 ng
RT: 14.371 min Scan# 1919
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

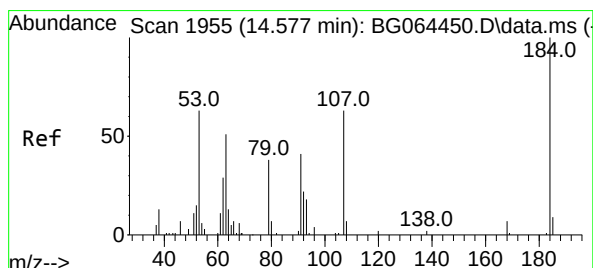
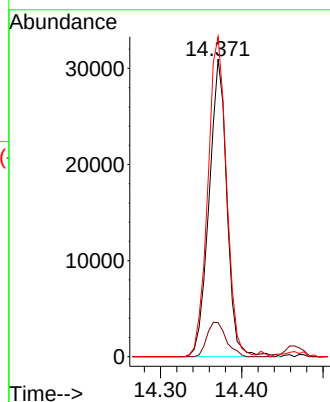
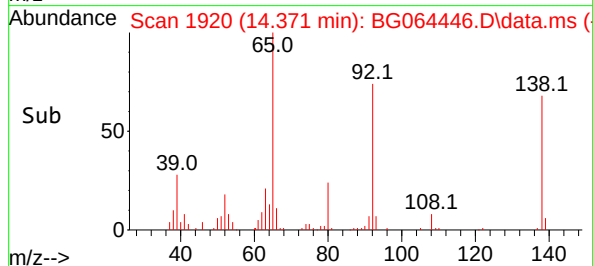


Tgt Ion:138 Resp: 47148
Ion Ratio Lower Upper
138 100
108 11.5 12.4 18.6
92 107.5 91.0 136.6

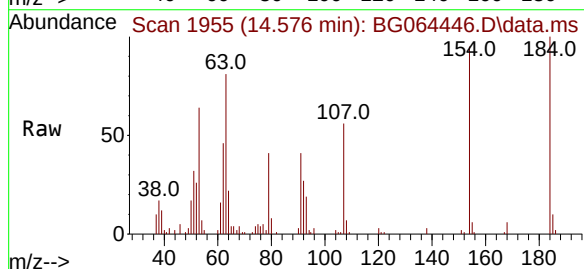
Manual Integrations

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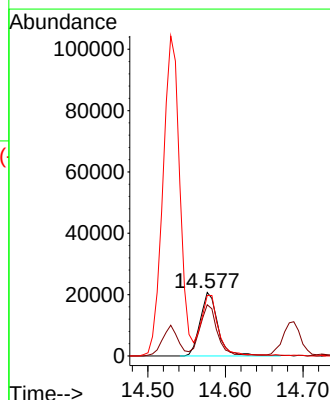
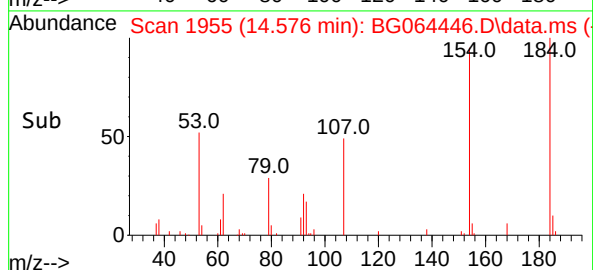
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

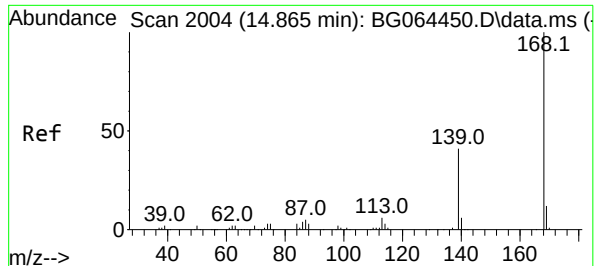


#54
2,4-Dinitrophenol
Concen: 52.749 ng
RT: 14.576 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



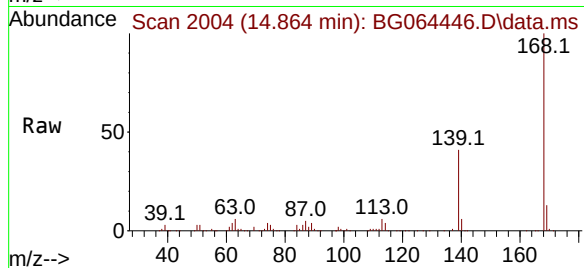
Tgt Ion:184 Resp: 32924
Ion Ratio Lower Upper
184 100
63 80.6 69.8 104.8
154 95.4 74.2 111.4





#55
Dibenzofuran
Concen: 48.836 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

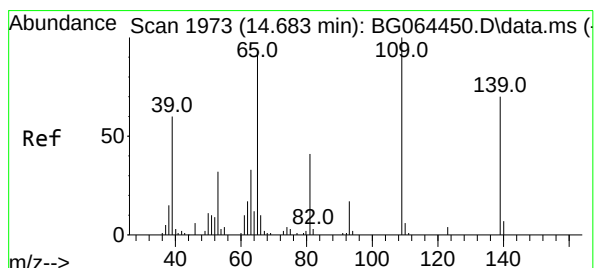
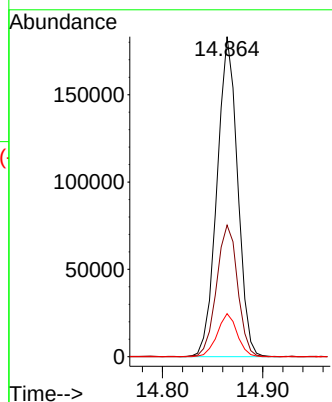
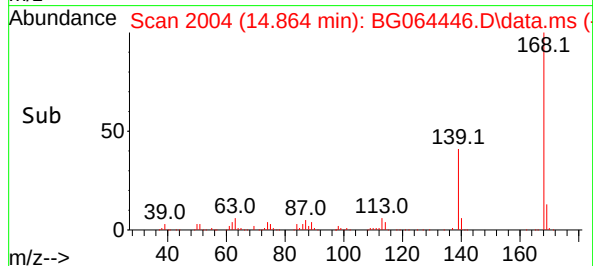
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 260509
Ion Ratio Lower Upper
168 100
139 41.1 33.3 49.9
169 13.5 9.9 14.9

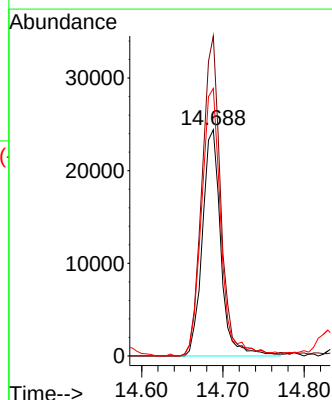
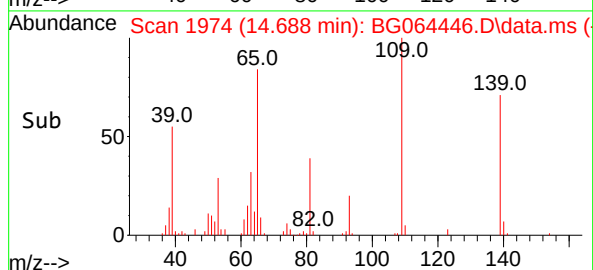
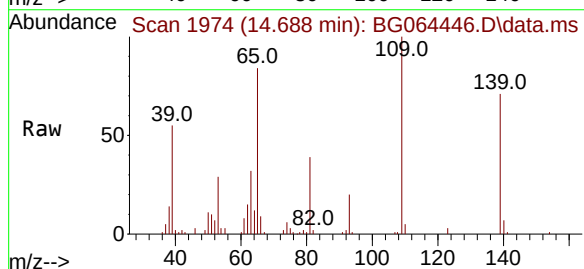
Manual Integrations
APPROVED

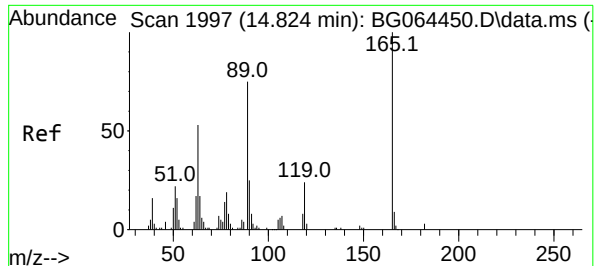
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 53.374 ng
RT: 14.688 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:139 Resp: 38475
Ion Ratio Lower Upper
139 100
109 141.4 122.5 162.5
65 118.3 113.0 153.0





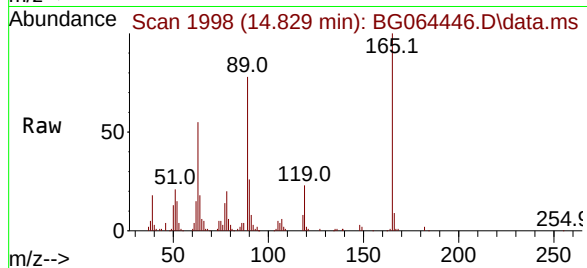
#57
2,4-Dinitrotoluene
Concen: 50.493 ng
RT: 14.829 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

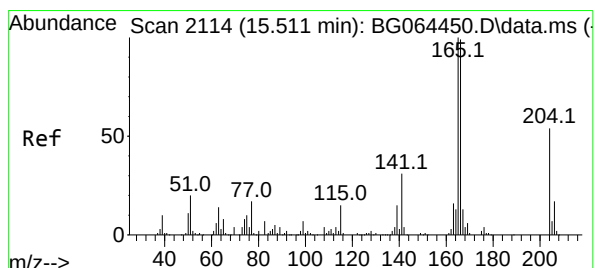
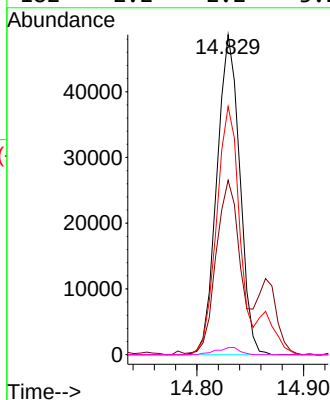
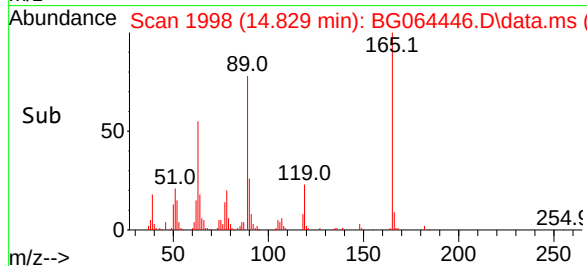


Tgt Ion:165 Resp: 72440
Ion Ratio Lower Upper
165 100
63 54.5 42.6 63.8
89 77.5 59.7 89.5
182 2.2 2.2 3.2

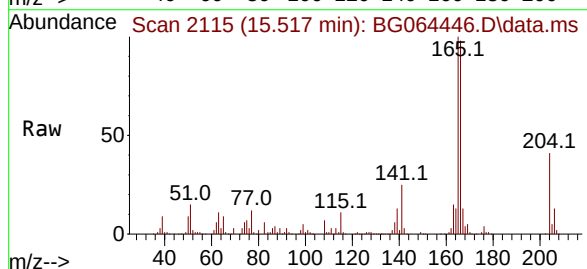
Manual Integrations

APPROVED

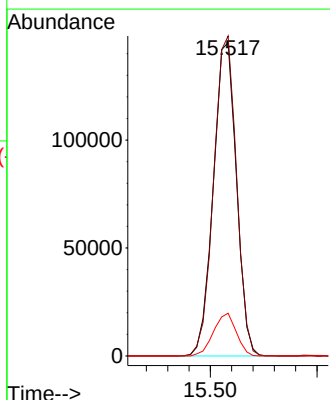
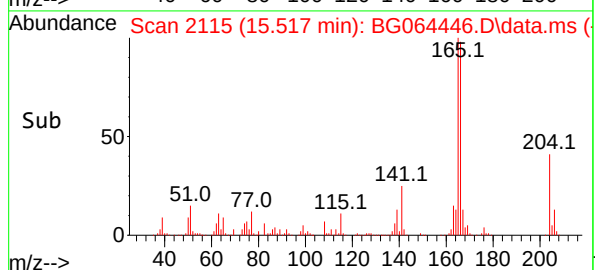
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

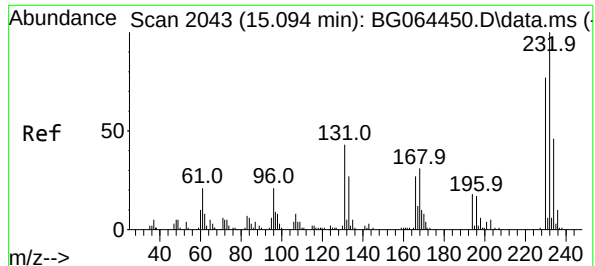


#58
Fluorene
Concen: 49.537 ng
RT: 15.517 min Scan# 2115
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



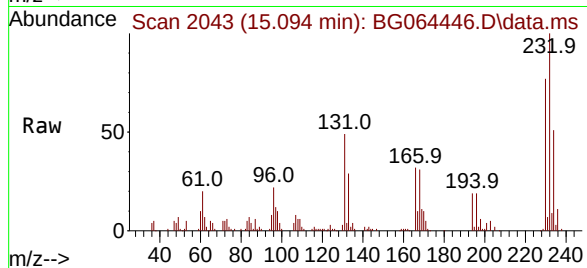
Tgt Ion:166 Resp: 218136
Ion Ratio Lower Upper
166 100
165 102.0 81.1 121.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.990 ng
RT: 15.094 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

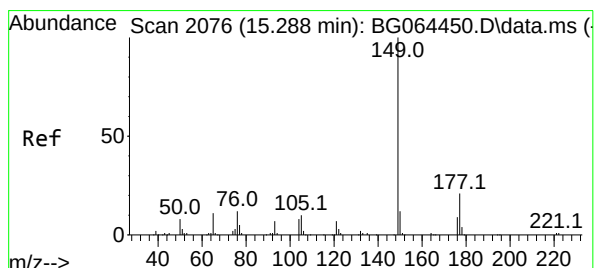
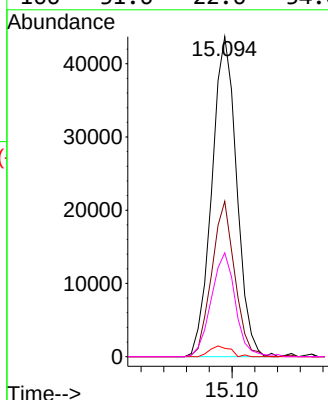
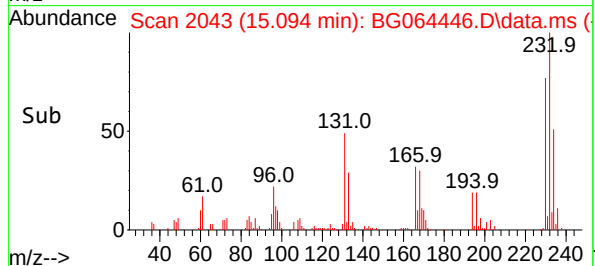
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 66221
Ion Ratio Lower Upper
232 100
131 45.0 34.3 51.5
130 2.8 2.3 3.5
166 31.6 22.6 34.0

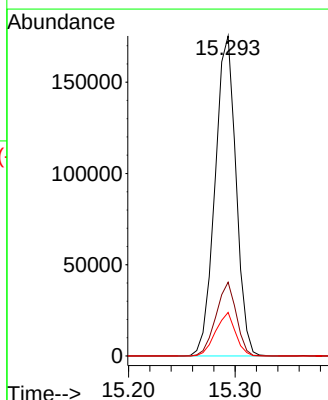
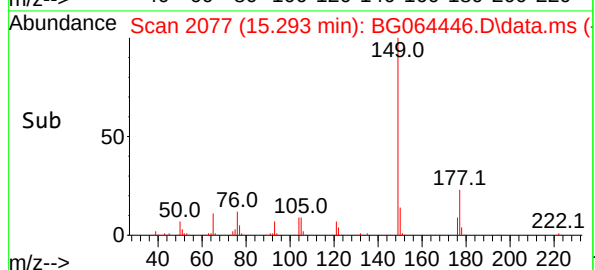
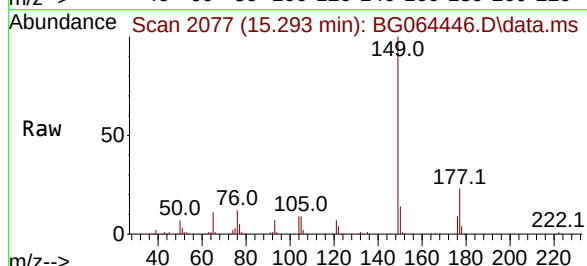
Manual Integrations
APPROVED

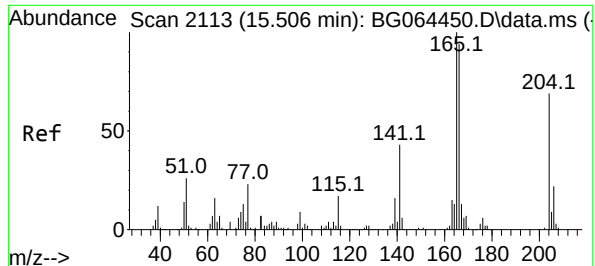
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#60
Diethylphthalate
Concen: 49.563 ng
RT: 15.293 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

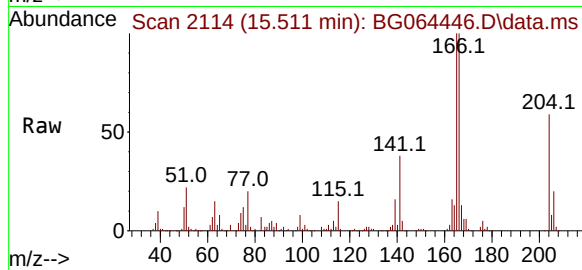
Tgt Ion:149 Resp: 238958
Ion Ratio Lower Upper
149 100
177 23.1 17.1 25.7
150 13.6 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 49.168 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

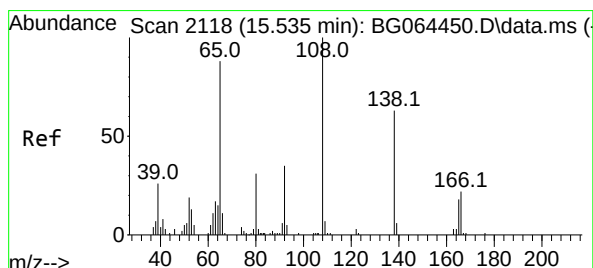
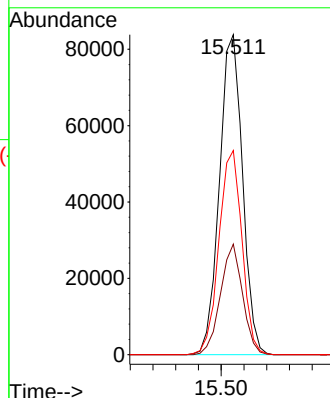
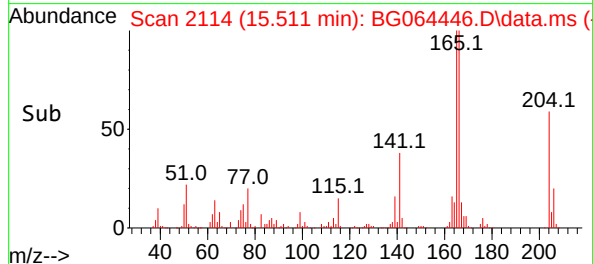
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 11823
Ion Ratio Lower Upper
204 100
206 34.6 25.0 37.6
141 63.8 49.7 74.5

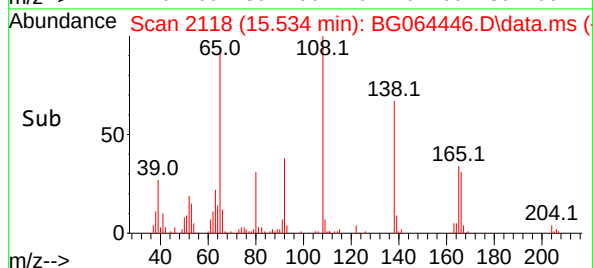
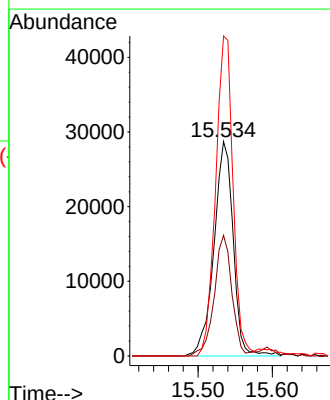
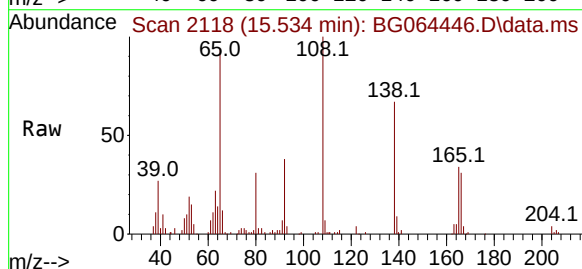
Manual Integrations
APPROVED

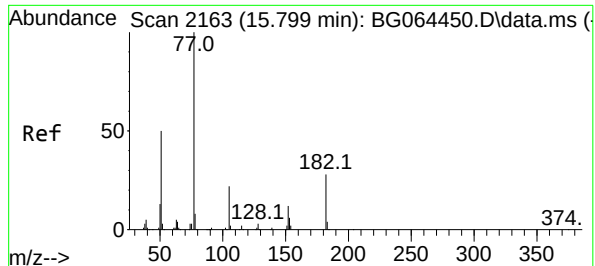
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 54.266 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

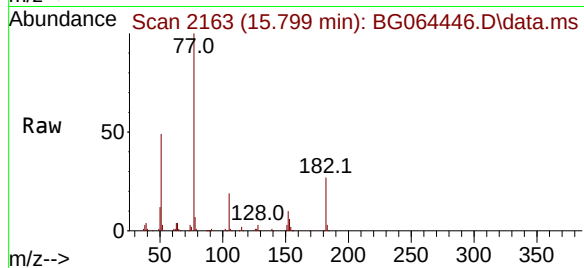
Tgt Ion:138 Resp: 51820
Ion Ratio Lower Upper
138 100
92 56.2 35.0 75.0
108 149.2 137.5 177.5





#63
Azobenzene
Concen: 49.421 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

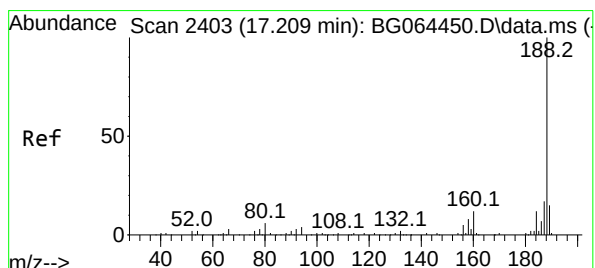
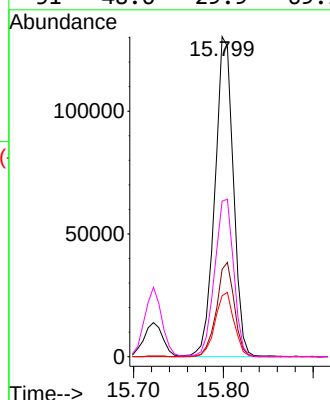
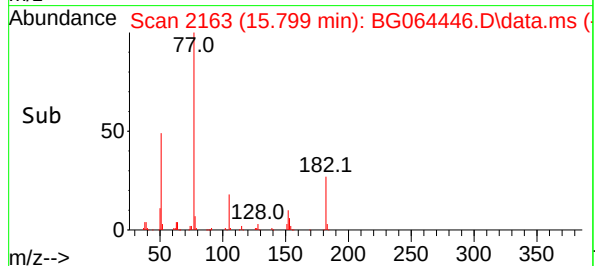
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



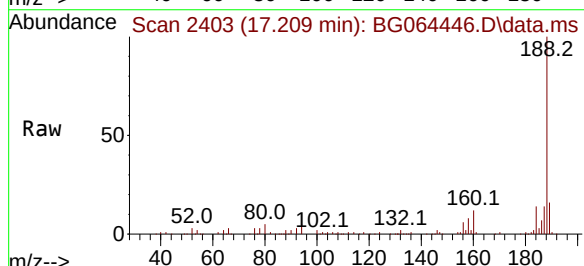
Tgt Ion: 77 Resp: 186450
Ion Ratio Lower Upper
77 100
182 27.3 8.1 48.1
105 19.1 1.9 41.9
51 48.6 29.9 69.9

Manual Integrations
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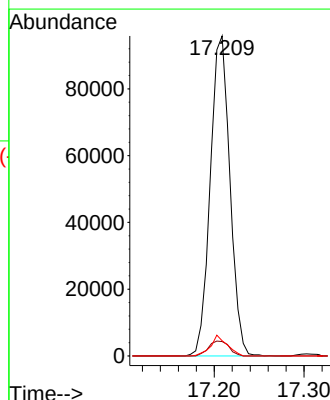
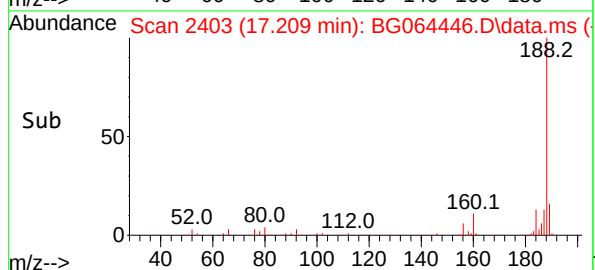
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

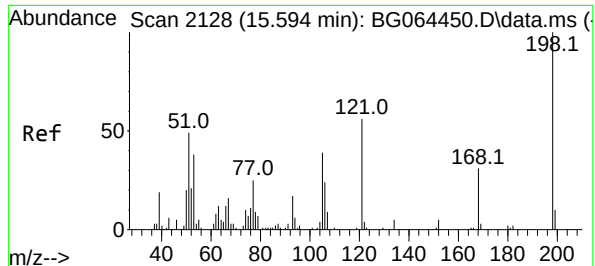


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



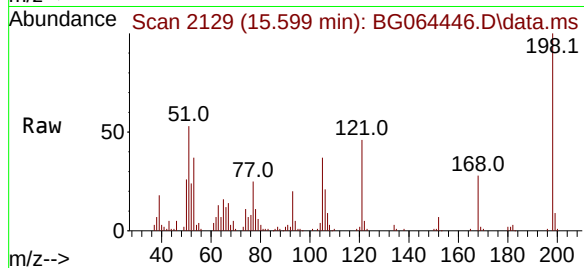
Tgt Ion:188 Resp: 145494
Ion Ratio Lower Upper
188 100
94 4.5 3.0 4.4#
80 4.8 4.9 7.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 50.989 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

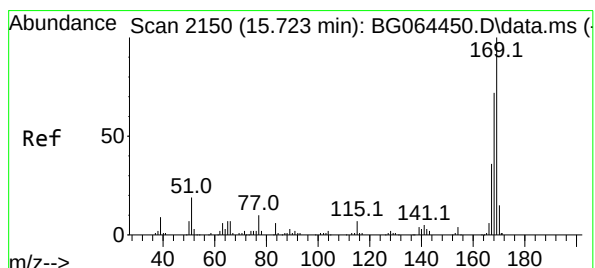
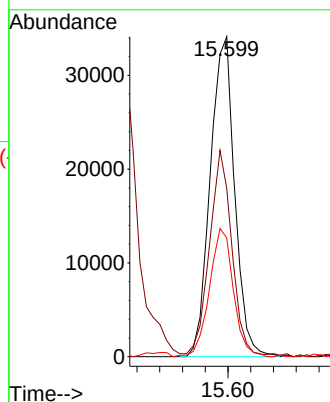
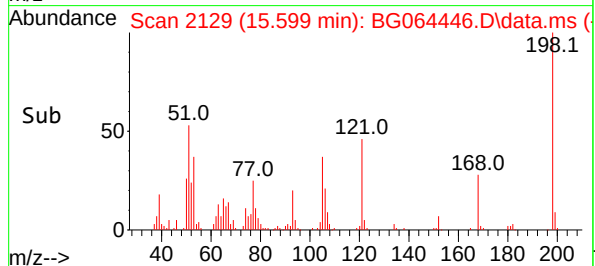
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 50818
Ion Ratio Lower Upper
198 100
51 52.6 30.8 70.8
105 37.1 19.3 59.3

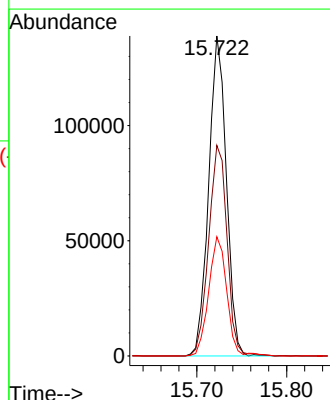
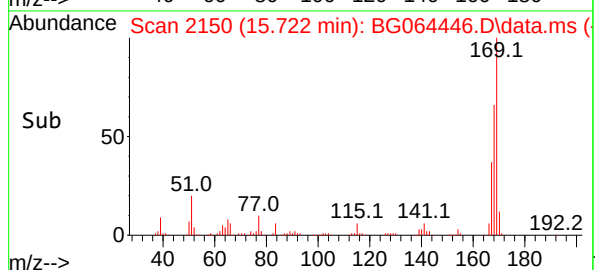
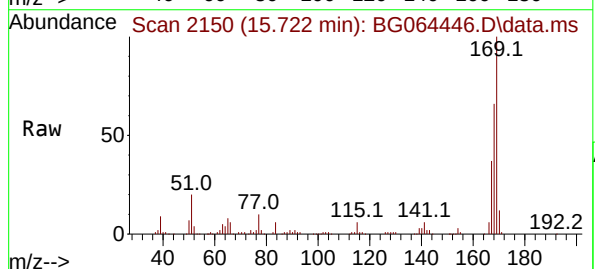
Manual Integrations
APPROVED

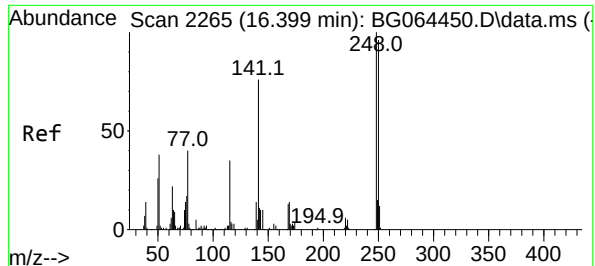
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 48.872 ng
RT: 15.722 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:169 Resp: 189744
Ion Ratio Lower Upper
169 100
168 65.8 57.7 86.5
167 37.2 28.6 42.8





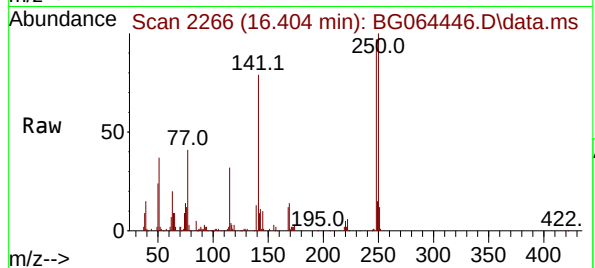
#67
4-Bromophenyl-phenylether
Concen: 49.007 ng
RT: 16.404 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

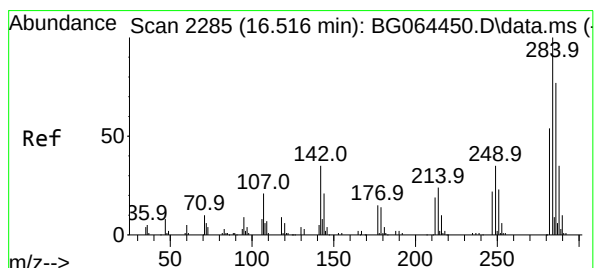
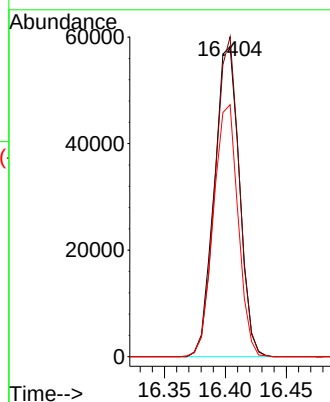
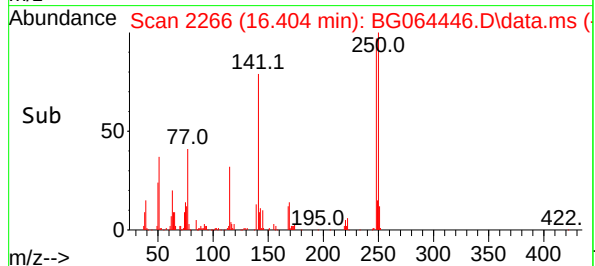


Tgt Ion:248 Resp: 8354
Ion Ratio Lower Upper
248 100
250 103.1 77.0 115.6
141 81.2 61.1 91.7

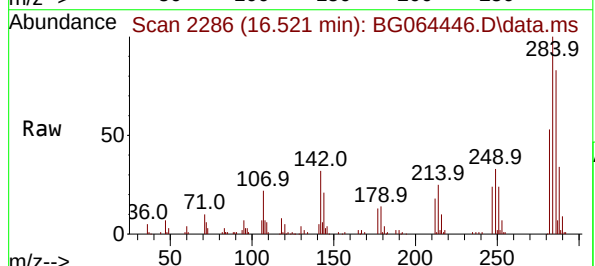
Manual Integrations

APPROVED

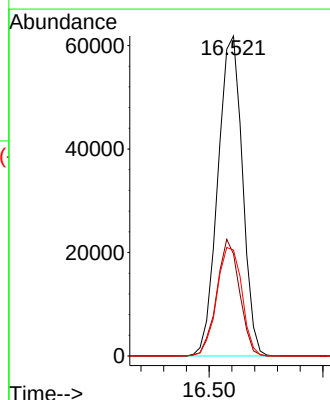
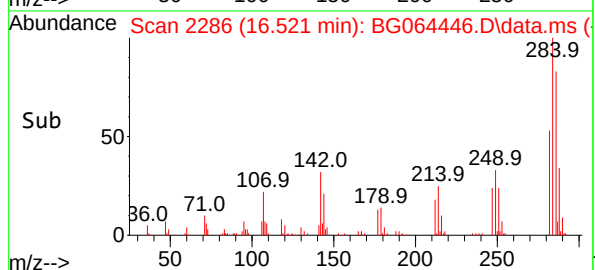
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

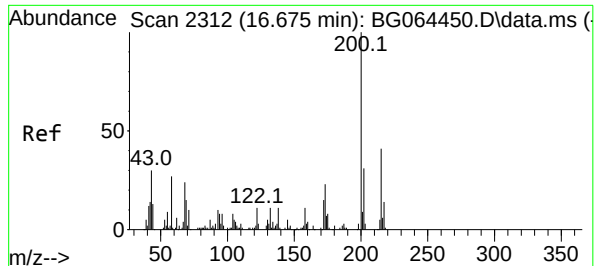


#68
Hexachlorobenzene
Concen: 47.834 ng
RT: 16.521 min Scan# 2286
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



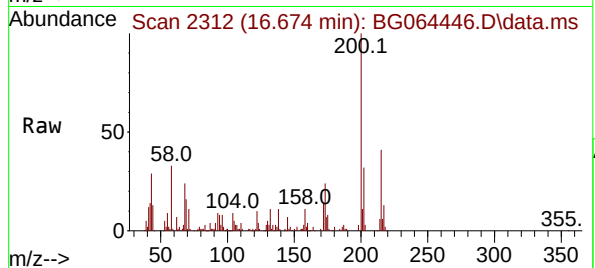
Tgt Ion:284 Resp: 92803
Ion Ratio Lower Upper
284 100
142 31.9 27.9 41.9
249 33.1 27.7 41.5





#69
Atrazine
Concen: 49.197 ng
RT: 16.674 min Scan# 2312
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

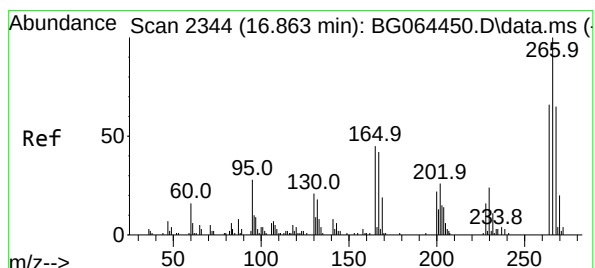
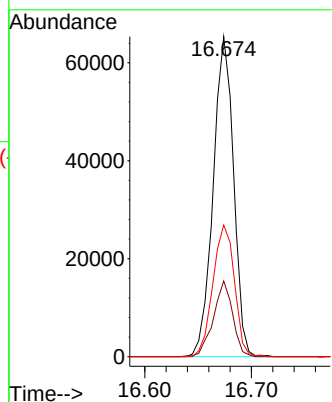
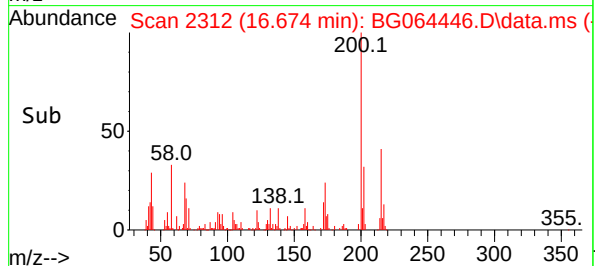
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:200 Resp: 86778
Ion Ratio Lower Upper
200 100
173 23.6 2.9 42.9
215 41.2 21.1 61.1

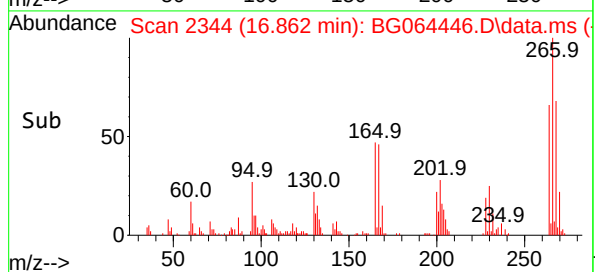
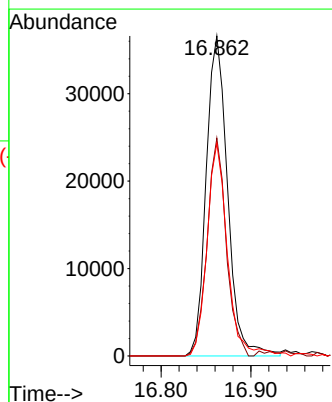
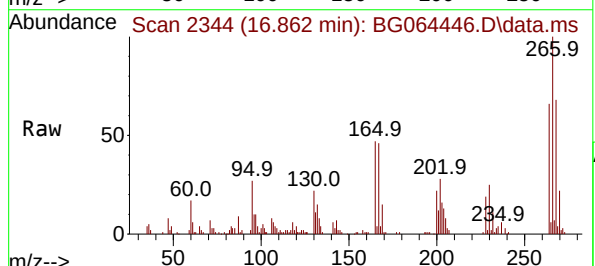
Manual Integrations
APPROVED

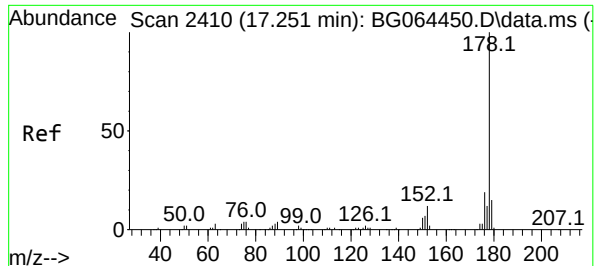
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#70
Pentachlorophenol
Concen: 51.694 ng
RT: 16.862 min Scan# 2344
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

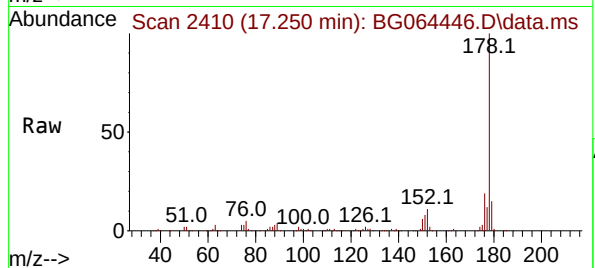
Tgt Ion:266 Resp: 60525
Ion Ratio Lower Upper
266 100
268 68.1 51.9 77.9
264 66.5 52.4 78.6





#71
Phenanthrene
Concen: 49.123 ng
RT: 17.250 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

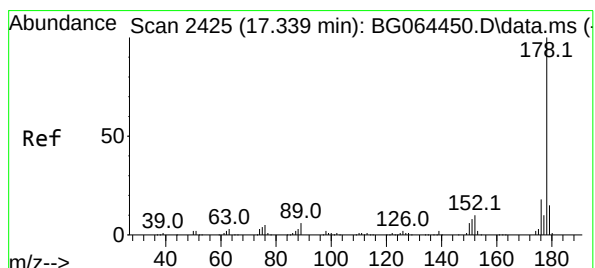
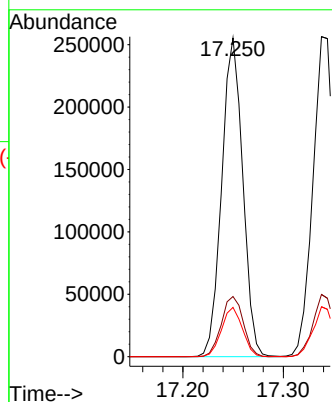
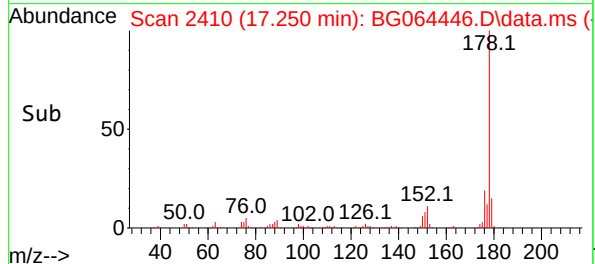
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 371485
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.4 18.6

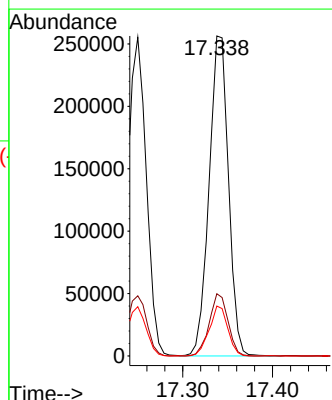
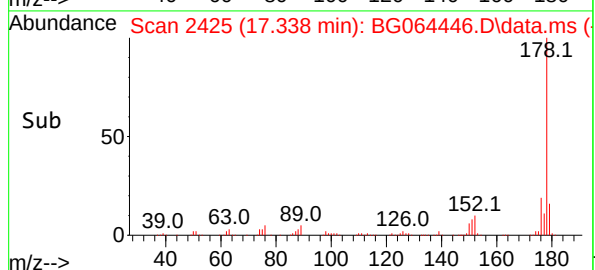
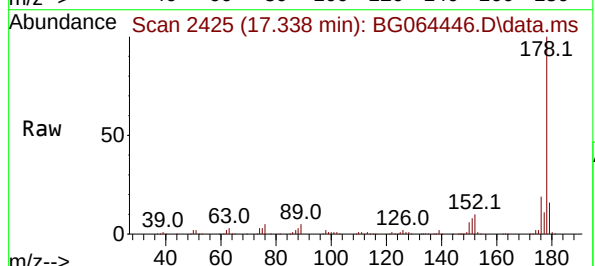
Manual Integrations
APPROVED

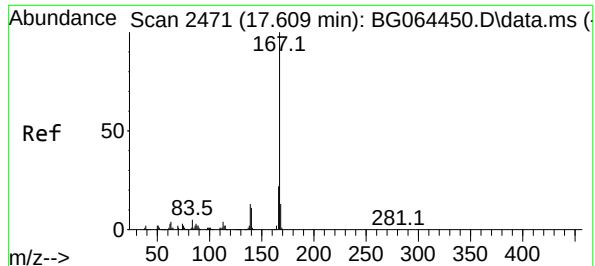
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 49.867 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

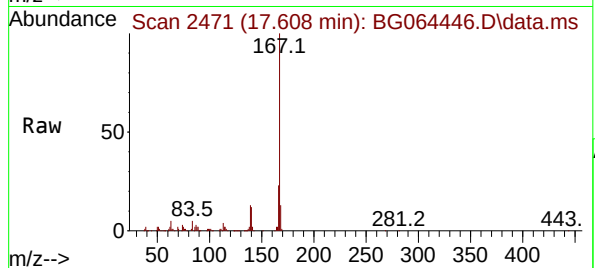
Tgt Ion:178 Resp: 384019
Ion Ratio Lower Upper
178 100
176 19.5 14.5 21.7
179 15.6 11.9 17.9





#73
Carbazole
Concen: 50.508 ng
RT: 17.608 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

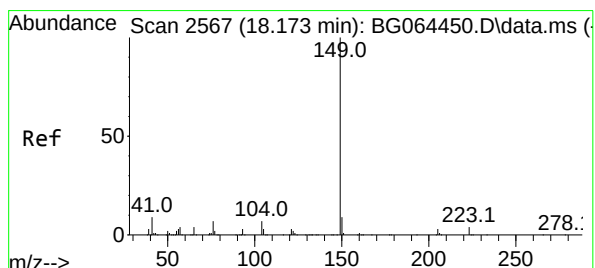
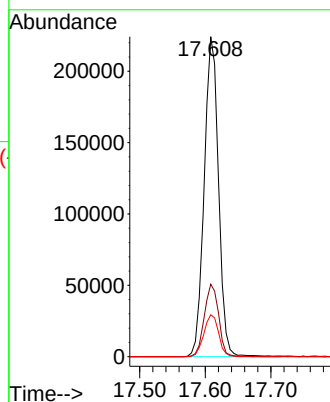
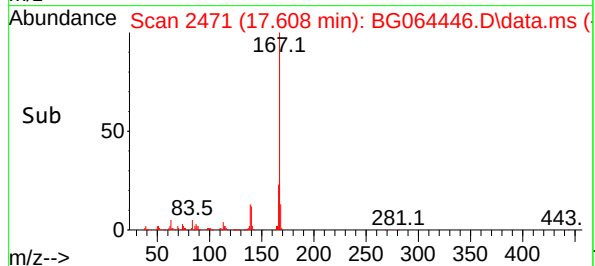
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 341230
Ion Ratio Lower Upper
167 100
166 22.7 17.4 26.2
139 13.1 10.2 15.2

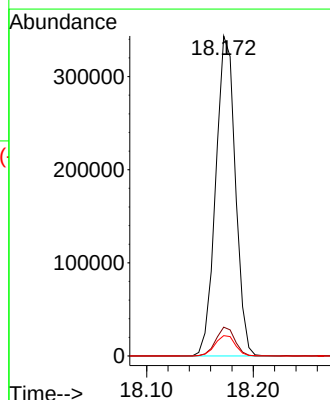
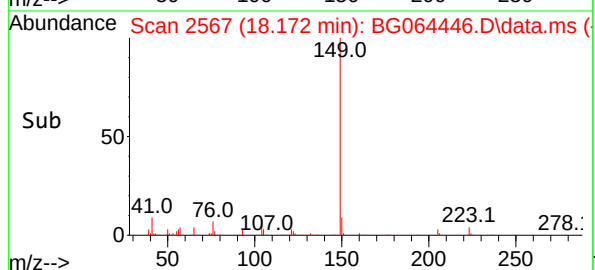
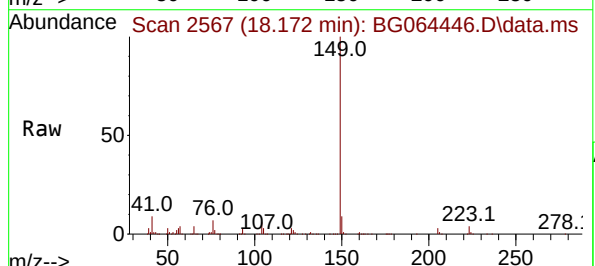
Manual Integrations
APPROVED

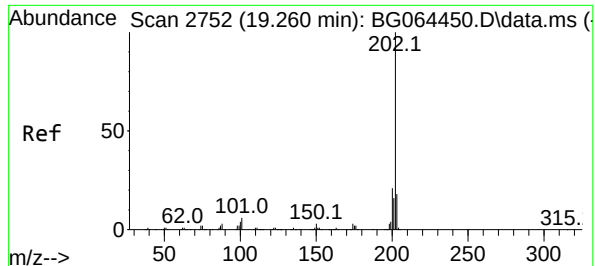
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 53.052 ng
RT: 18.172 min Scan# 2567
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:149 Resp: 438418
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 6.4 5.8 8.8





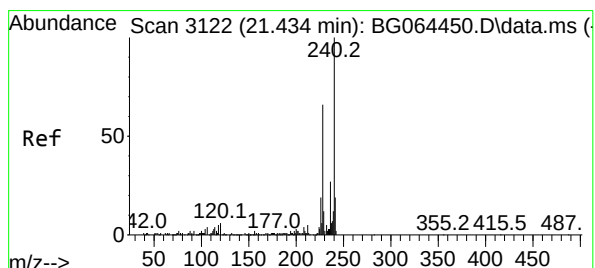
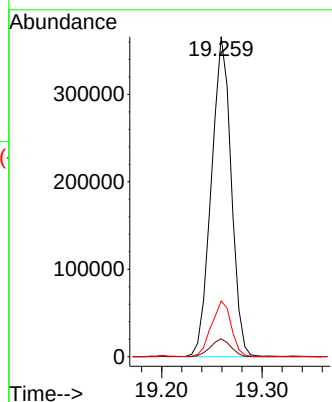
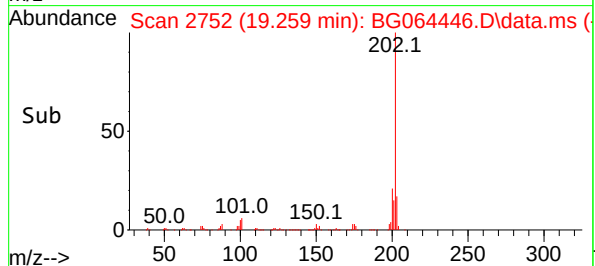
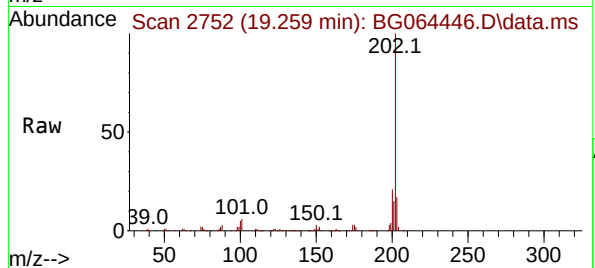
#75
Fluoranthene
Concen: 52.751 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 50375
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.6
203 17.4 0.0 37.7

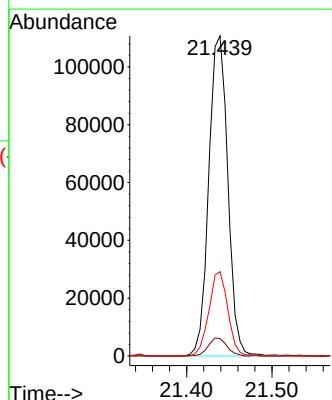
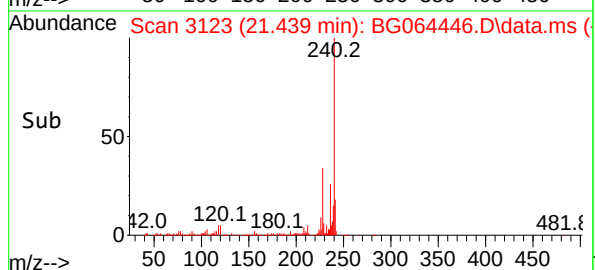
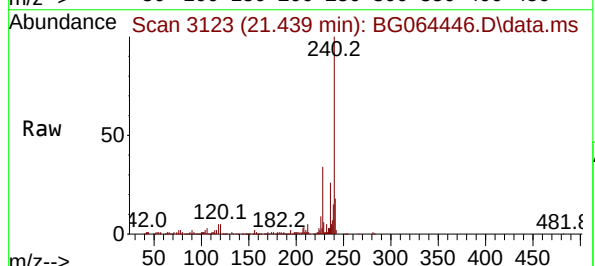
Manual Integrations
APPROVED

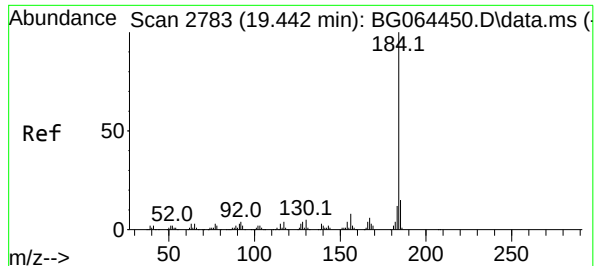
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

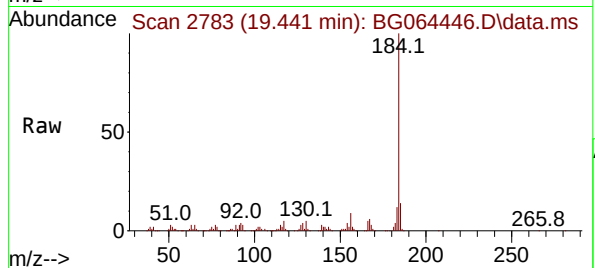
Tgt Ion:240 Resp: 171978
Ion Ratio Lower Upper
240 100
120 5.4 5.0 7.4
236 26.4 21.9 32.9





#77
Benzidine
Concen: 55.865 ng
RT: 19.441 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

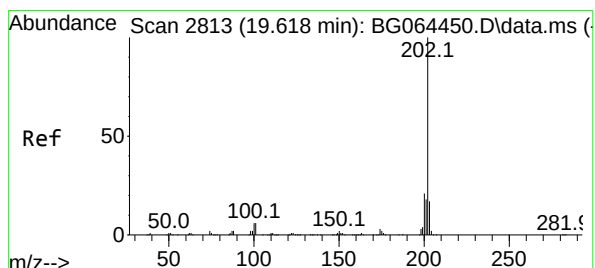
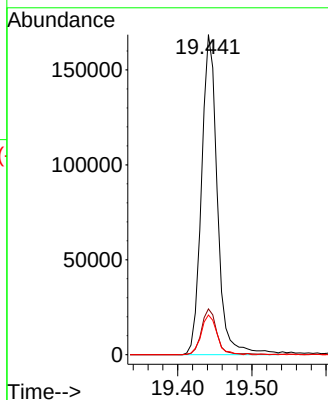
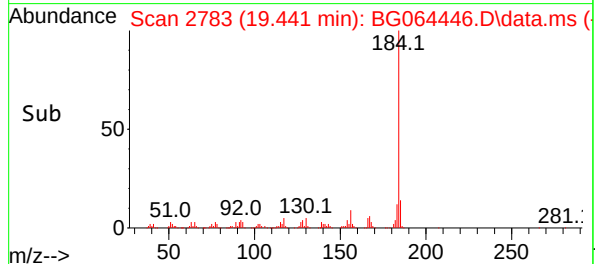
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



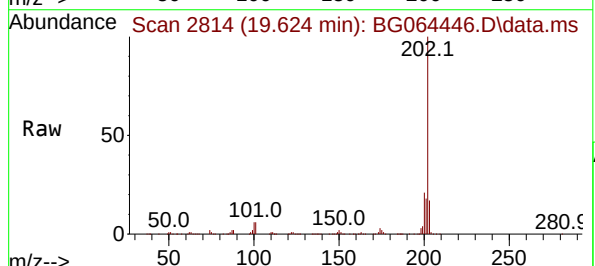
Tgt Ion:184 Resp: 251550
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 12.4 10.0 15.0

Manual Integrations
APPROVED

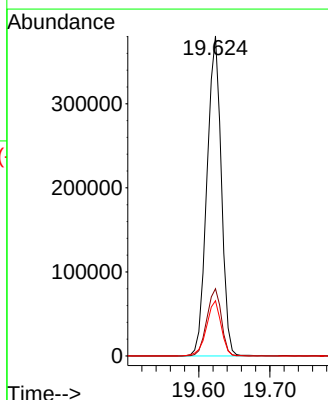
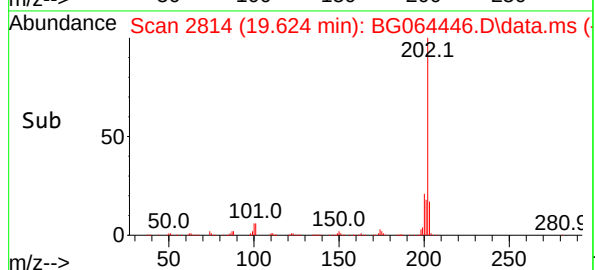
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

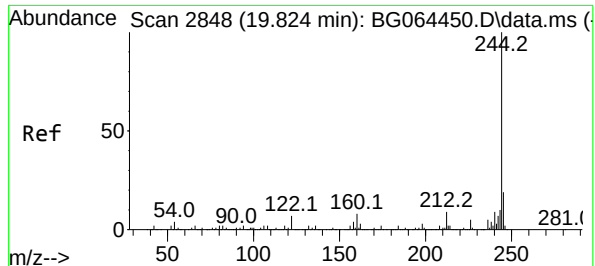


#78
Pyrene
Concen: 50.017 ng
RT: 19.624 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



Tgt Ion:202 Resp: 533740
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.2 13.8 20.6





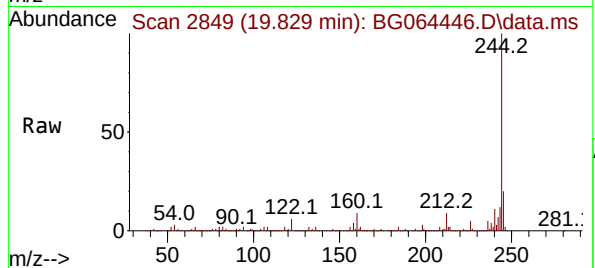
#79
Terphenyl-d14
Concen: 98.975 ng
RT: 19.829 min Scan# 2849
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

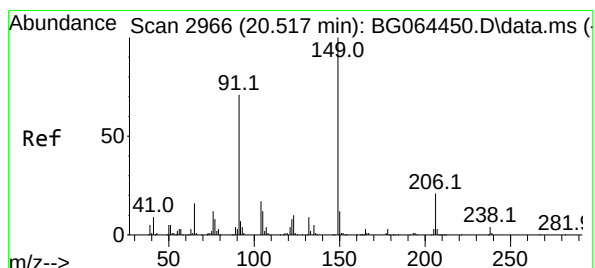
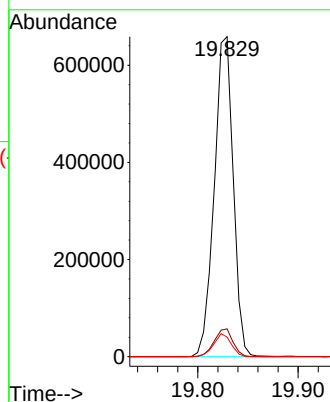
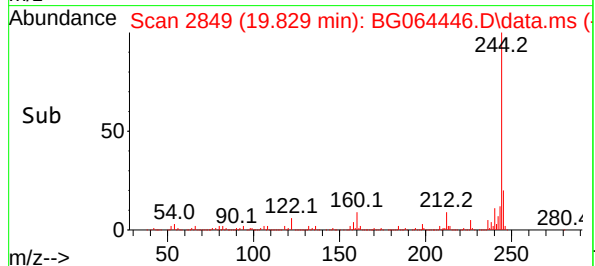


Tgt Ion:244 Resp: 863470
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 6.1 5.7 8.5

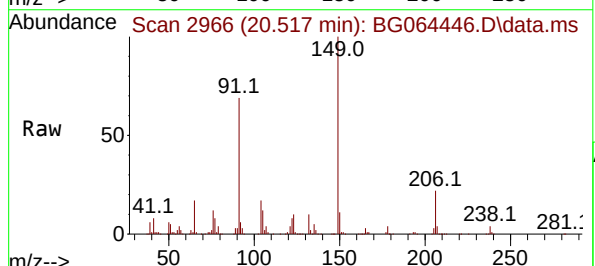
Manual Integrations

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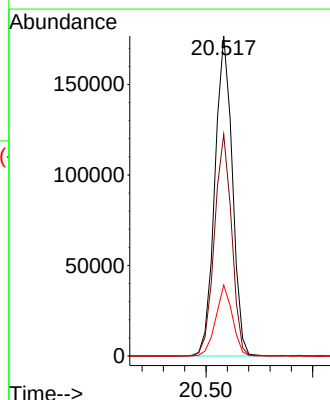
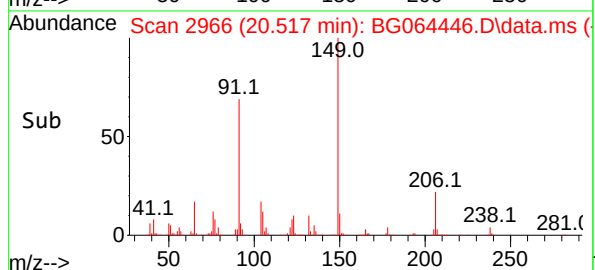
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

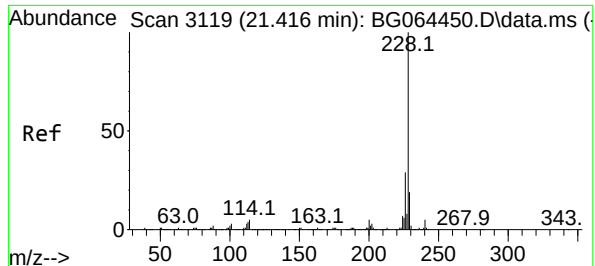


#80
Butylbenzylphthalate
Concen: 50.278 ng
RT: 20.517 min Scan# 2966
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



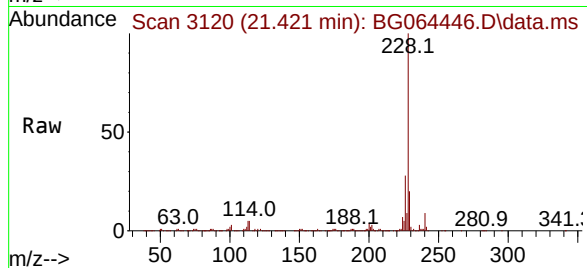
Tgt Ion:149 Resp: 200536
Ion Ratio Lower Upper
149 100
91 69.3 56.6 84.8
206 22.2 16.8 25.2





#81
Benzo(a)anthracene
Concen: 49.295 ng
RT: 21.421 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

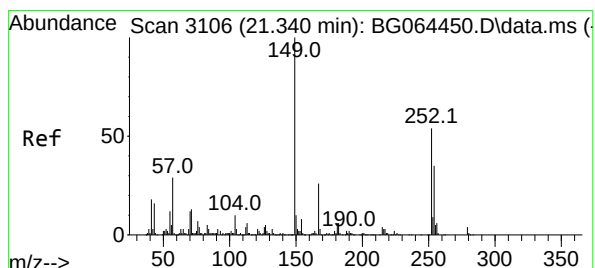
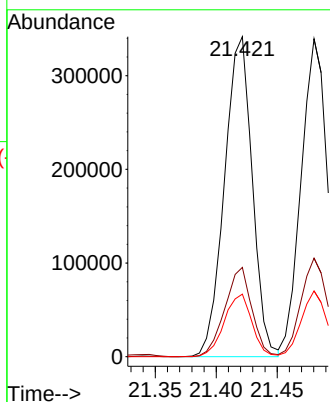
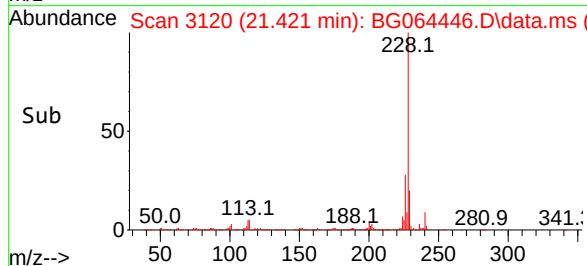
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



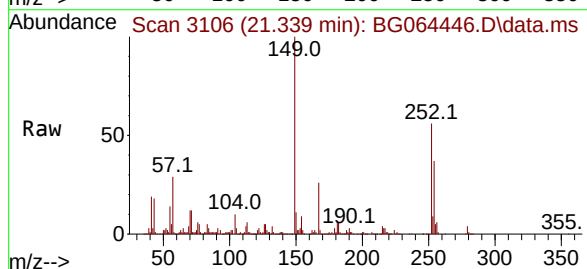
Tgt Ion:228 Resp: 54280
Ion Ratio Lower Upper
228 100
226 27.9 23.0 34.6
229 19.5 15.1 22.7

Manual Integrations
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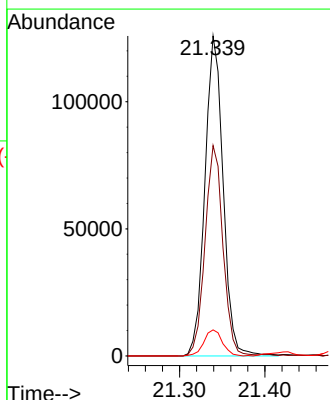
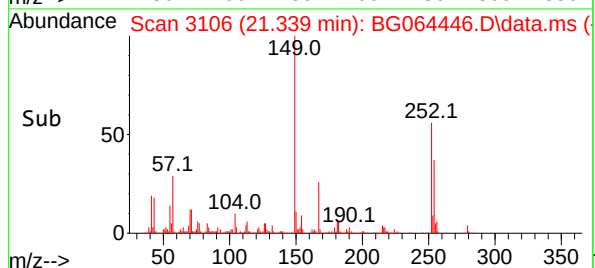
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

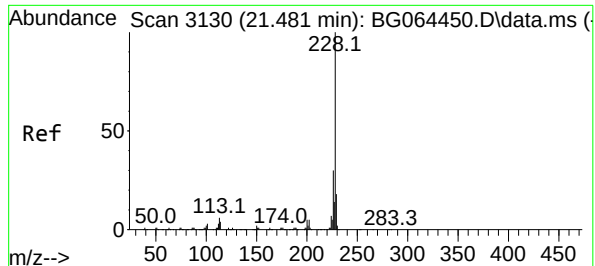


#82
3,3'-Dichlorobenzidine
Concen: 49.210 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22



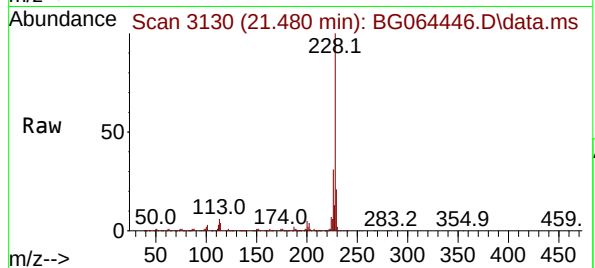
Tgt Ion:252 Resp: 186358
Ion Ratio Lower Upper
252 100
254 65.7 51.8 77.8
126 8.2 5.9 8.9





#83
Chrysene
Concen: 48.894 ng
RT: 21.480 min Scan# 3130
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

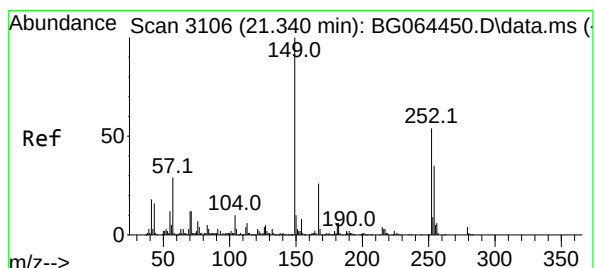
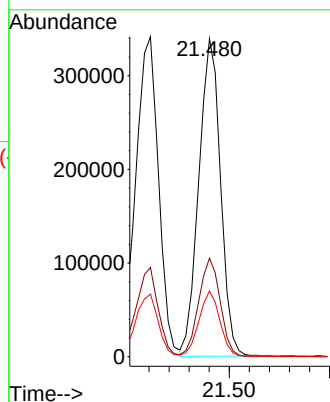
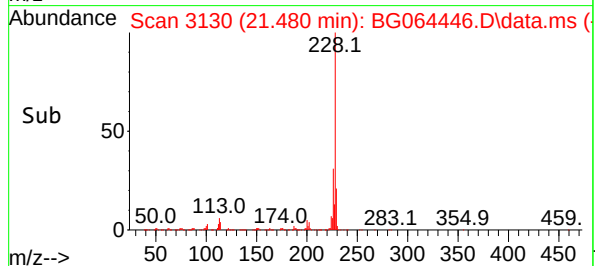
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 50988
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.7 14.7 22.1

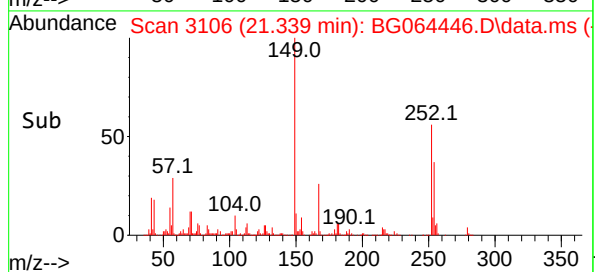
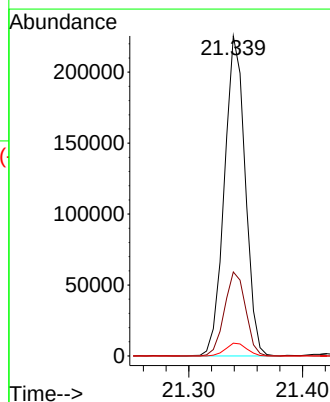
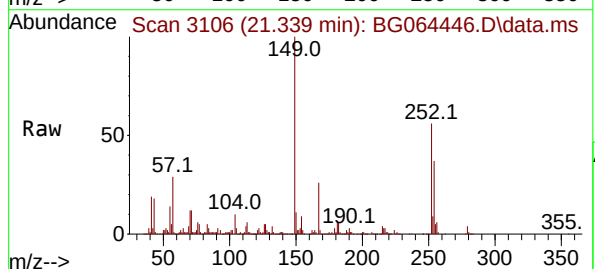
Manual Integrations
APPROVED

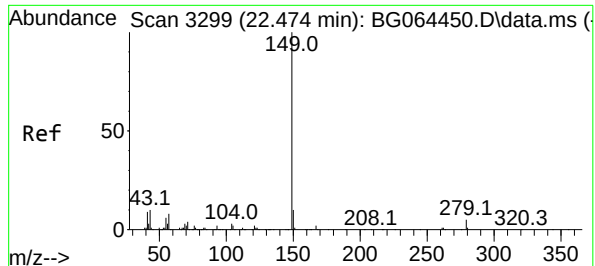
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.956 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

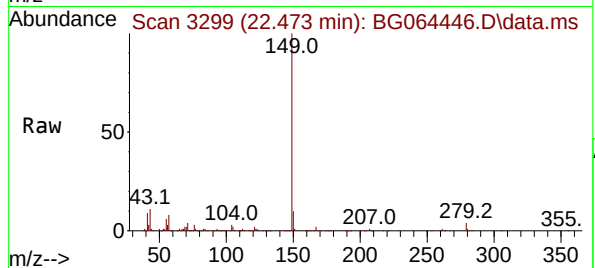
Tgt Ion:149 Resp: 287028
Ion Ratio Lower Upper
149 100
167 26.2 20.6 31.0
279 4.0 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.238 ng
RT: 22.473 min Scan# 3299
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

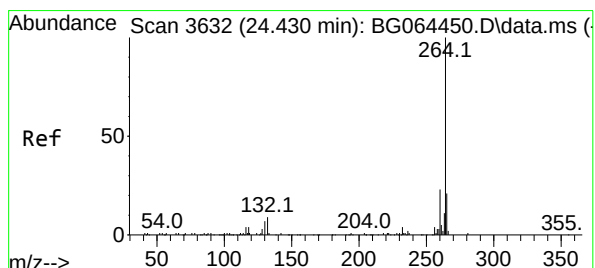
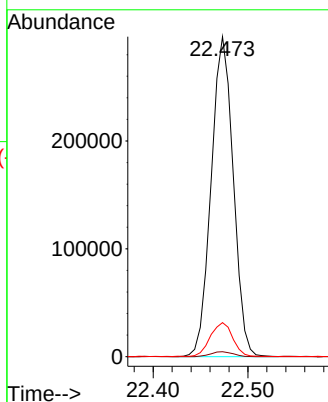
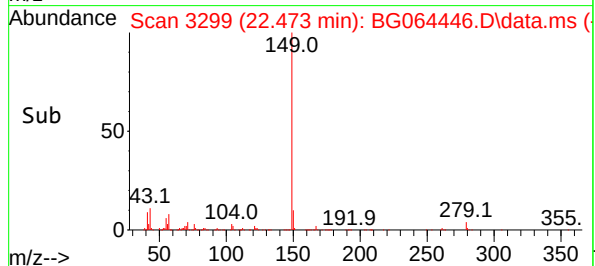
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 480890
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.8 13.2

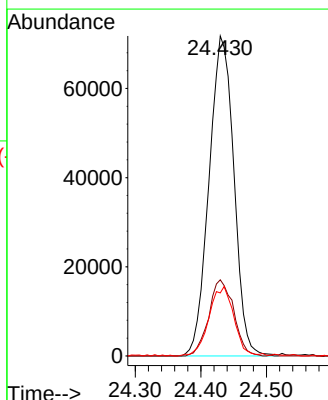
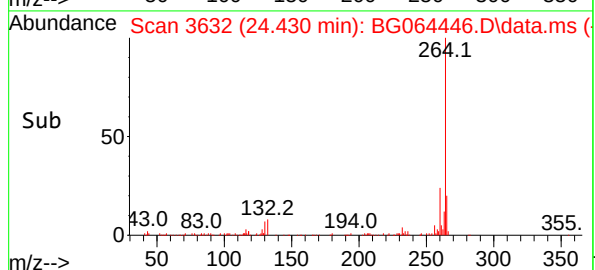
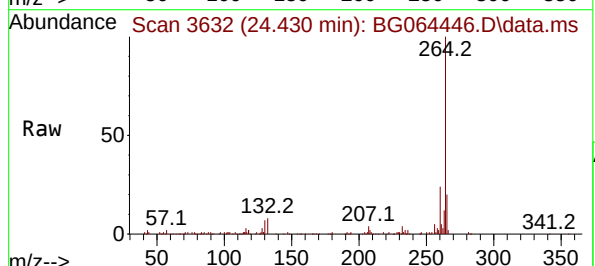
Manual Integrations
APPROVED

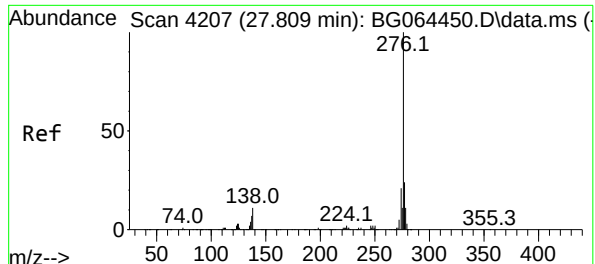
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

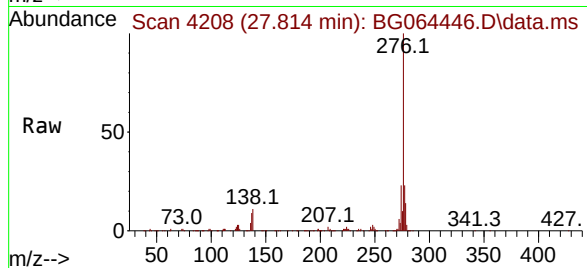
Tgt Ion:264 Resp: 188882
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 19.7 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.636 ng
RT: 27.814 min Scan# 4208
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

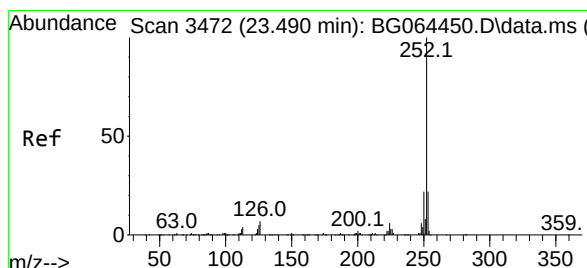
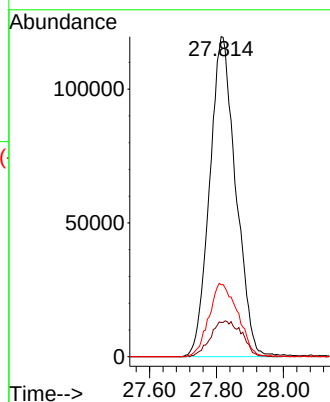
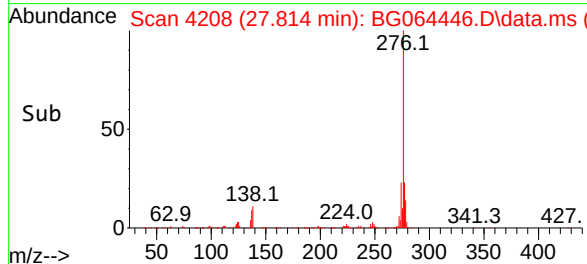
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 649270
Ion Ratio Lower Upper
276 100
138 13.3 10.3 15.5
277 25.1 19.2 28.8

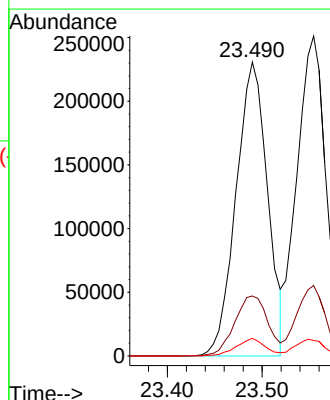
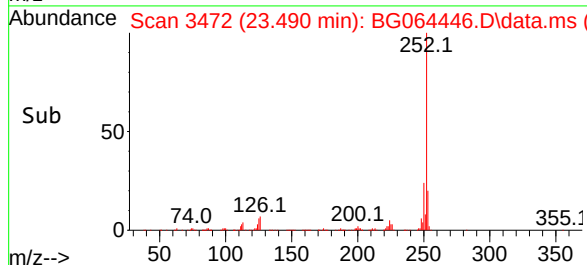
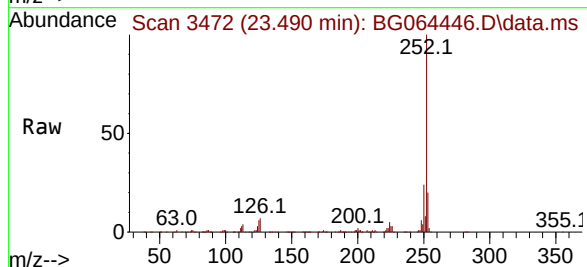
Manual Integrations
APPROVED

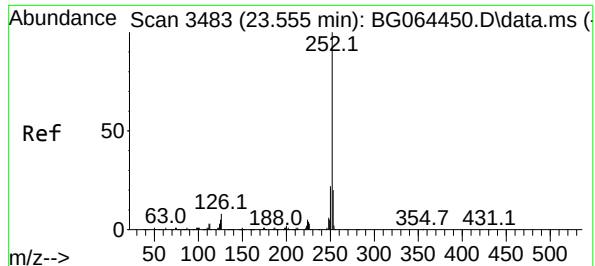
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 49.154 ng
RT: 23.490 min Scan# 3472
Delta R.T. -0.001 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion:252 Resp: 532226
Ion Ratio Lower Upper
252 100
253 20.4 17.3 25.9
125 6.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 49.345 ng

RT: 23.554 min Scan# 34

Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

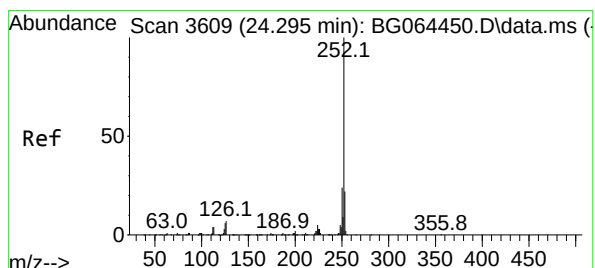
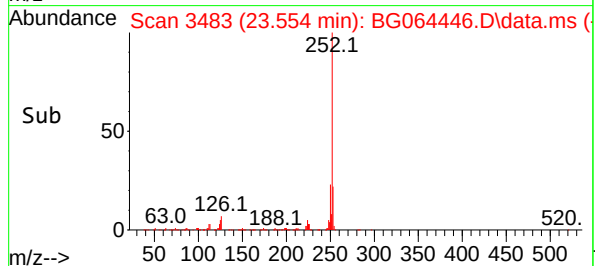
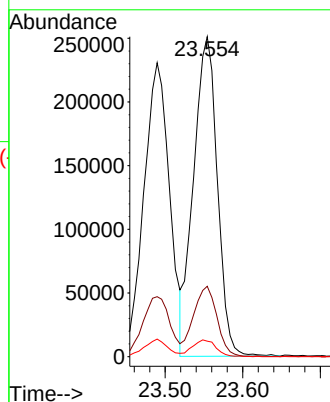
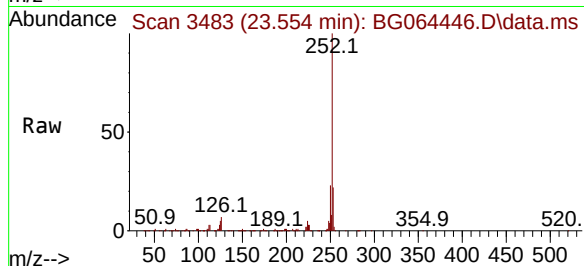
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	24.8
125	4.9	4.4	6.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 49.355 ng

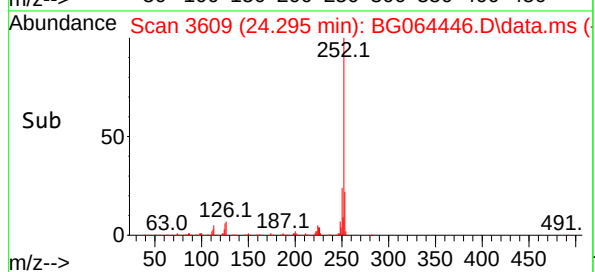
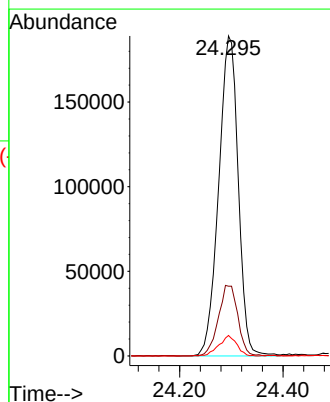
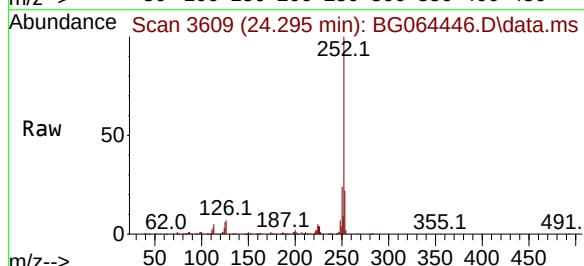
RT: 24.295 min Scan# 3609

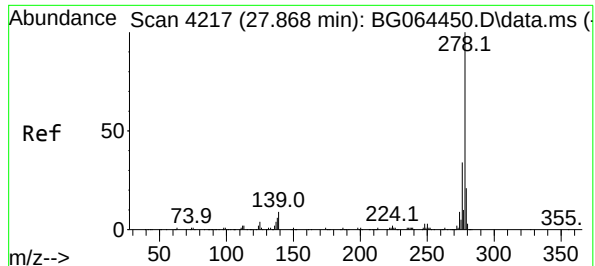
Delta R.T. -0.001 min

Lab File: BG064446.D

Acq: 25 Sep 2025 15:22

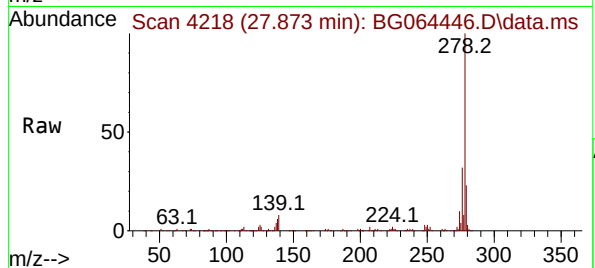
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.4	4.6	7.0





#91
Dibenzo(a,h)anthracene
Concen: 48.249 ng
RT: 27.873 min Scan# 4217
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

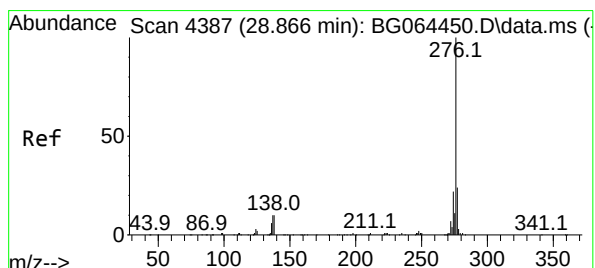
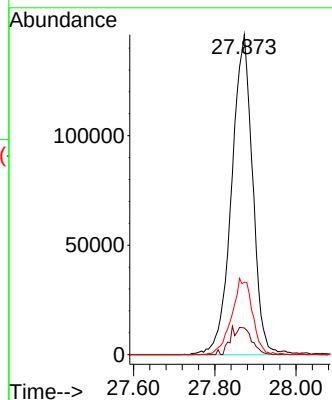
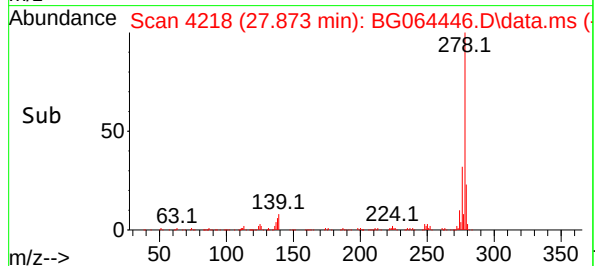
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 278 Resp: 52216
Ion Ratio Lower Upper
278 100
139 8.4 6.9 10.3
279 22.6 17.2 25.8

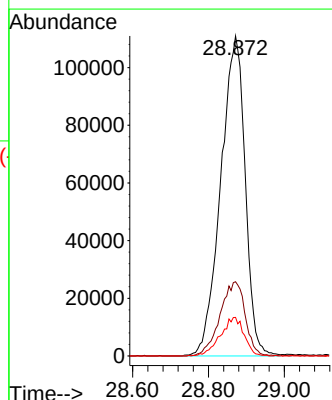
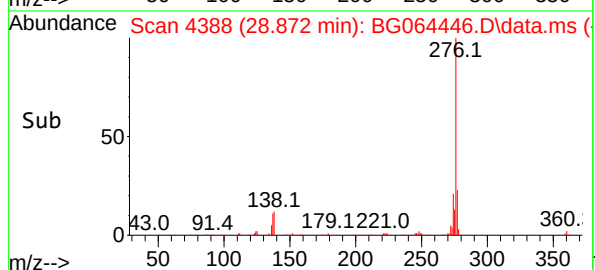
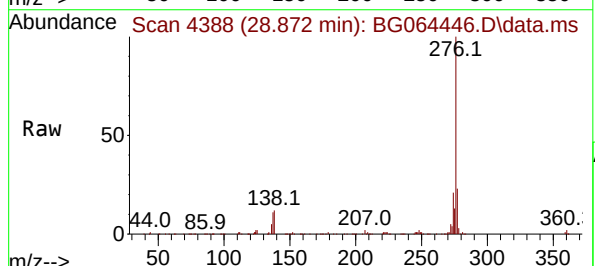
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 47.755 ng
RT: 28.872 min Scan# 4388
Delta R.T. 0.005 min
Lab File: BG064446.D
Acq: 25 Sep 2025 15:22

Tgt Ion: 276 Resp: 496341
Ion Ratio Lower Upper
276 100
277 23.2 19.3 28.9
138 12.1 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064448.D
 Acq On : 25 Sep 2025 16:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	19629	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	82993	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	61681	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	148886	20.000	ng	# 0.00
76) Chrysene-d12	21.442	240	160340	20.000	ng	0.00
86) Perylene-d12	24.433	264	174344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	159963	155.730	ng	0.00
7) Phenol-d6	7.018	99	224629	159.624	ng	0.00
23) Nitrobenzene-d5	8.998	82	249768	163.100	ng	0.00
42) 2,4,6-Tribromophenol	15.961	330	166650	154.764	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	647103	154.917	ng	0.00
79) Terphenyl-d14	19.832	244	1259887	154.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	29953	69.490	ng	97
3) Pyridine	3.734	79	86739	74.642	ng	99
4) n-Nitrosodimethylamine	3.651	42	67374	75.900	ng	99
6) Aniline	7.171	93	142053	77.953	ng	99
8) 2-Chlorophenol	7.406	128	100982	78.580	ng	99
9) Benzaldehyde	6.983	77	85928	71.737	ng	93
10) Phenol	7.047	94	119506	78.432	ng	97
11) bis(2-Chloroethyl)ether	7.271	93	80380	78.567	ng	93
12) 1,3-Dichlorobenzene	7.729	146	111353	77.303	ng	97
13) 1,4-Dichlorobenzene	7.876	146	111326m	75.656	ng	
14) 1,2-Dichlorobenzene	8.193	146	109859	78.784	ng	98
15) Benzyl Alcohol	8.082	79	105960	79.912	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.364	45	129875	72.804	ng	96
17) 2-Methylphenol	8.287	107	86041	78.167	ng	98
18) Hexachloroethane	8.922	117	43436	78.241	ng	98
19) n-Nitroso-di-n-propyla...	8.651	70	75609	79.490	ng	# 97
20) 3+4-Methylphenols	8.616	107	117454	75.908	ng	97
22) Acetophenone	8.663	105	160704	80.881	ng	# 96
24) Nitrobenzene	9.039	77	122078	81.667	ng	97
25) Isophorone	9.568	82	218426	77.086	ng	98
26) 2-Nitrophenol	9.744	139	60345	82.012	ng	98
27) 2,4-Dimethylphenol	9.809	122	93617	78.884	ng	99
28) bis(2-Chloroethoxy)met...	10.044	93	114851	78.459	ng	97
29) 2,4-Dichlorophenol	10.285	162	105641	77.343	ng	96
30) 1,2,4-Trichlorobenzene	10.496	180	117206	80.225	ng	96
31) Naphthalene	10.679	128	338660	78.163	ng	96
32) Benzoic acid	10.003	122	81423m	92.734	ng	
33) 4-Chloroaniline	10.790	127	130086	82.076	ng	97
34) Hexachlorobutadiene	10.966	225	98170	78.886	ng	98
35) Caprolactam	11.589	113	33853	75.116	ng	92
36) 4-Chloro-3-methylphenol	11.924	107	127407	78.697	ng	# 92
37) 2-Methylnaphthalene	12.288	142	256209	78.312	ng	95
38) 1-Methylnaphthalene	12.506	142	249106	77.491	ng	99
40) 1,2,4,5-Tetrachloroben...	12.659	216	157088	79.911	ng	99
41) Hexachlorocyclopentadiene	12.641	237	89314	85.550	ng	94
43) 2,4,6-Trichlorophenol	12.899	196	104793	81.725	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064448.D
 Acq On : 25 Sep 2025 16:44
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	110683	77.863	ng	96
46) 1,1'-Biphenyl	13.305	154	348385	79.400	ng	98
47) 2-Chloronaphthalene	13.346	162	261616	78.449	ng	99
48) 2-Nitroaniline	13.546	65	92838	81.000	ng	96
49) Acenaphthylene	14.186	152	384534	77.670	ng	99
50) Dimethylphthalate	13.928	163	356340	75.622	ng	98
51) 2,6-Dinitrotoluene	14.045	165	78012	78.820	ng	# 80
52) Acenaphthene	14.533	154	262559	77.494	ng	98
53) 3-Nitroaniline	14.374	138	76592	81.667	ng	# 95
54) 2,4-Dinitrophenol	14.586	184	56236	85.555	ng	90
55) Dibenzofuran	14.868	168	431971	76.896	ng	98
56) 4-Nitrophenol	14.691	139	62726	82.628	ng	97
57) 2,4-Dinitrotoluene	14.838	165	120447	79.716	ng	# 95
58) Fluorene	15.520	166	354937	76.539	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.097	232	111624	80.008	ng	98
60) Diethylphthalate	15.297	149	386182	76.061	ng	98
61) 4-Chlorophenyl-phenyle...	15.508	204	189750	74.932	ng	94
62) 4-Nitroaniline	15.549	138	82584	82.122	ng	92
63) Azobenzene	15.802	77	304330	76.600	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	84794	83.141	ng	91
66) n-Nitrosodiphenylamine	15.726	169	305998	77.020	ng	94
67) 4-Bromophenyl-phenylether	16.401	248	135740	77.810	ng	94
68) Hexachlorobenzene	16.525	284	154180	77.660	ng	97
69) Atrazine	16.677	200	135575	75.110	ng	99
70) Pentachlorophenol	16.865	266	104048	86.841	ng	93
71) Phenanthrene	17.253	178	599449	77.462	ng	99
72) Anthracene	17.341	178	614451	77.972	ng	99
73) Carbazole	17.612	167	535202	77.415	ng	97
74) Di-n-butylphthalate	18.176	149	649439	76.797	ng	99
75) Fluoranthene	19.263	202	744166	76.151	ng	99
77) Benzidine	19.445	184	259122	61.724	ng	97
78) Pyrene	19.627	202	776775	78.076	ng	99
80) Butylbenzylphthalate	20.520	149	289955	77.974	ng	97
81) Benzo(a)anthracene	21.419	228	805149	78.427	ng	98
82) 3,3'-Dichlorobenzidine	21.342	252	271691	76.951	ng	# 99
83) Chrysene	21.483	228	763675	78.546	ng	98
84) Bis(2-ethylhexyl)phtha...	21.342	149	425021	79.343	ng	99
85) Di-n-octyl phthalate	22.476	149	712196	78.213	ng	100
87) Indeno(1,2,3-cd)pyrene	27.835	276	957142	77.678	ng	97
88) Benzo(b)fluoranthene	23.493	252	792510	79.295	ng	98
89) Benzo(k)fluoranthene	23.563	252	780237	77.992	ng	99
90) Benzo(a)pyrene	24.304	252	722303	78.017	ng	99
91) Dibenzo(a,h)anthracene	27.888	278	778997	77.983	ng	97
92) Benzo(g,h,i)perylene	28.892	276	741087	77.248	ng	99

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

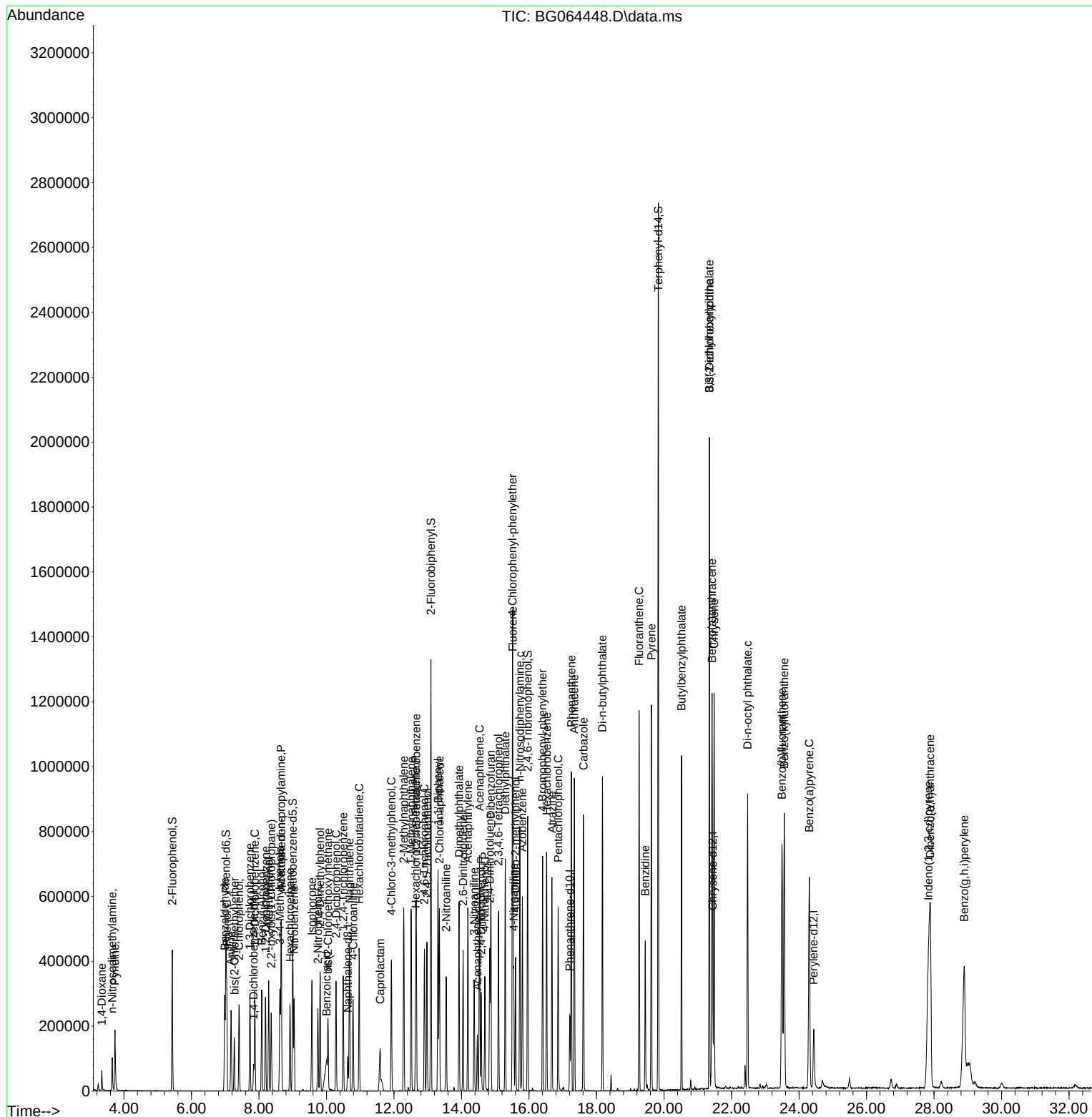
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064448.D
Acq On : 25 Sep 2025 16:44
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

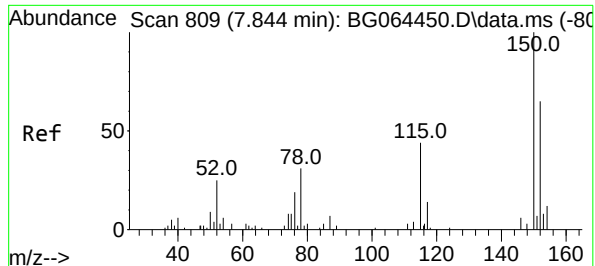
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:46:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration





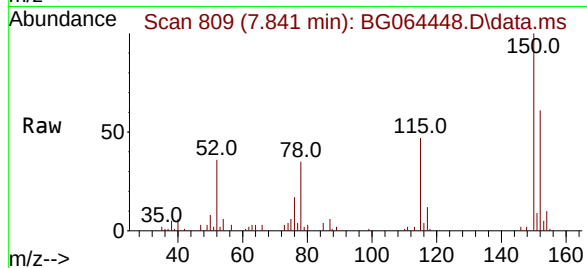
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

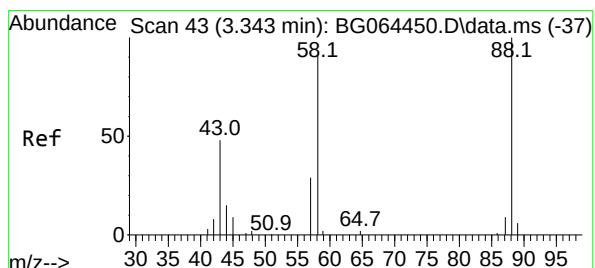
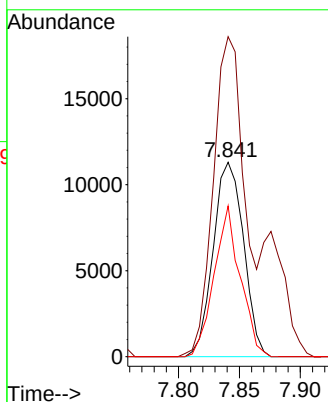
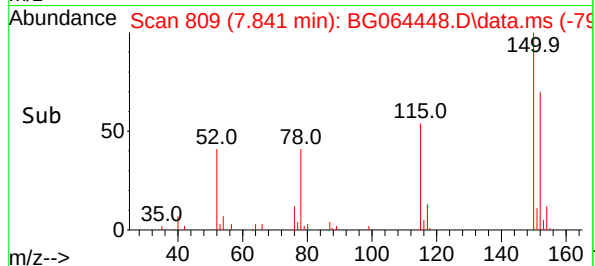


Tgt Ion:152 Resp: 19629
Ion Ratio Lower Upper
152 100
150 164.6 122.9 184.3
115 77.6 54.3 81.5

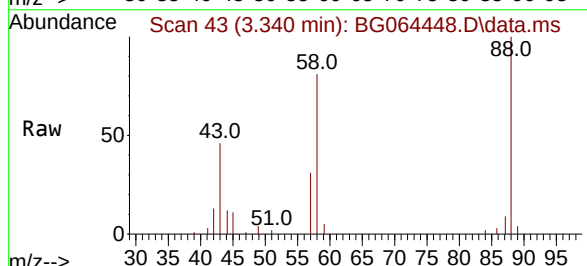
Manual Integrations

APPROVED

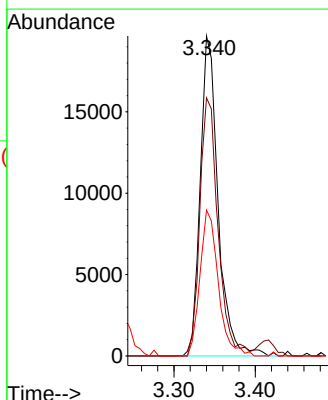
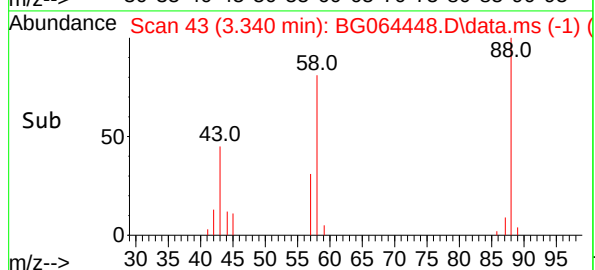
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

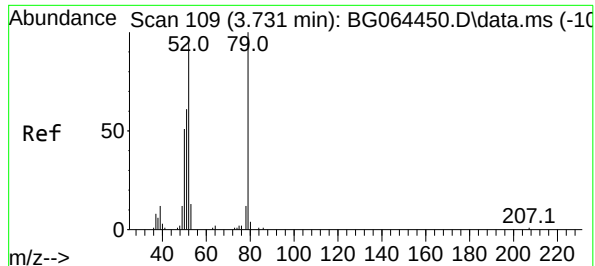


#2
1,4-Dioxane
Concen: 69.490 ng
RT: 3.340 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



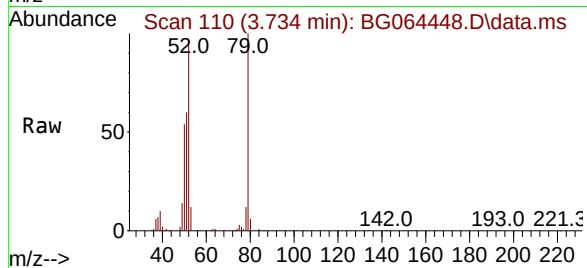
Tgt Ion: 88 Resp: 29953
Ion Ratio Lower Upper
88 100
58 82.2 67.9 101.9
43 46.8 39.4 59.2





#3
Pyridine
Concen: 74.642 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

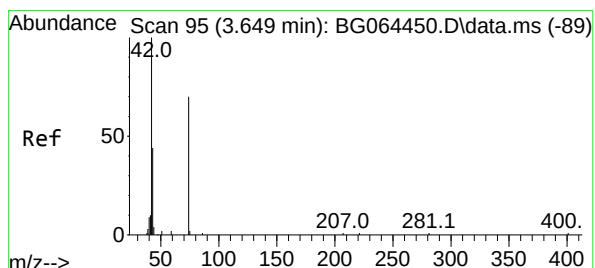
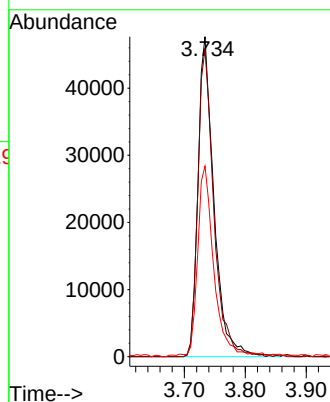
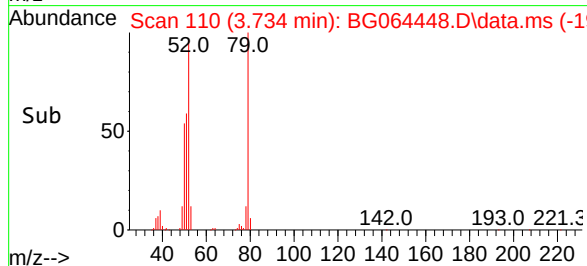
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 86739
Ion Ratio Lower Upper
79 100
52 96.1 76.6 114.8
51 59.6 49.3 73.9

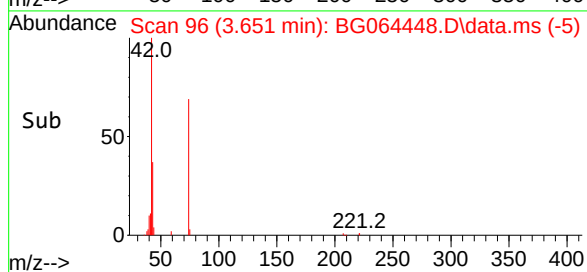
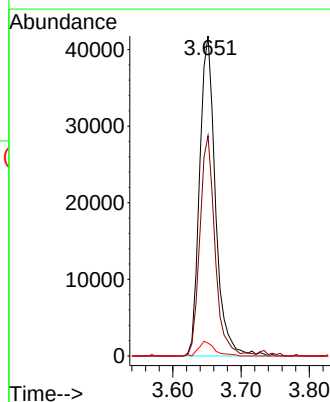
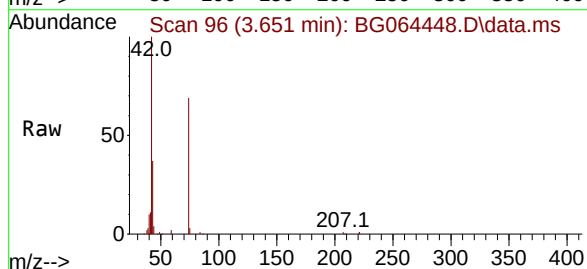
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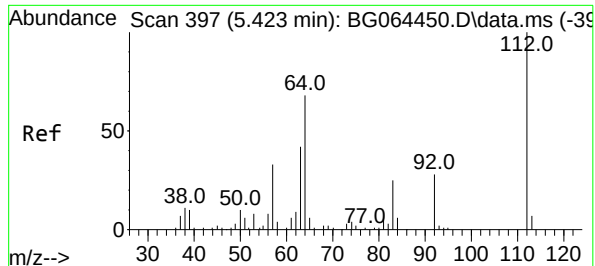
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 75.900 ng
RT: 3.651 min Scan# 96
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 42 Resp: 67374
Ion Ratio Lower Upper
42 100
74 68.9 56.1 84.1
44 4.0 3.1 4.7





#5

2-Fluorophenol

Concen: 155.730 ng

RT: 5.432 min Scan# 397

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 15996

Ion Ratio Lower Upper

112 100

64 61.9 54.0 81.0

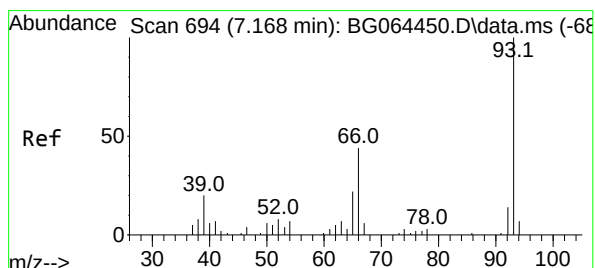
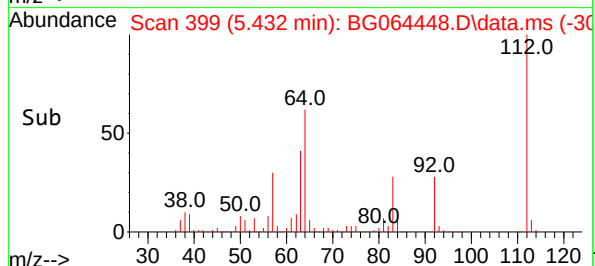
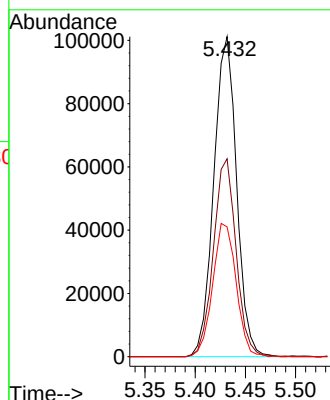
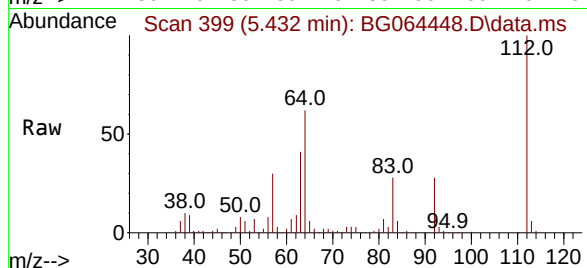
63 40.6 33.8 50.6

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#6

Aniline

Concen: 77.953 ng

RT: 7.171 min Scan# 695

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

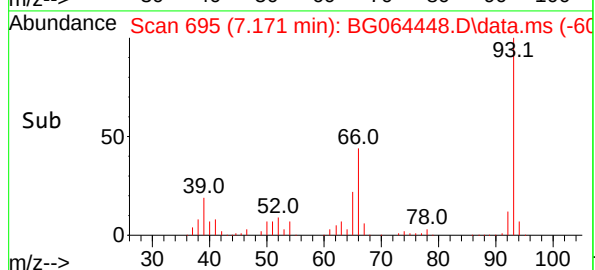
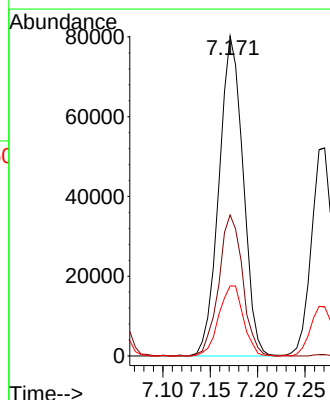
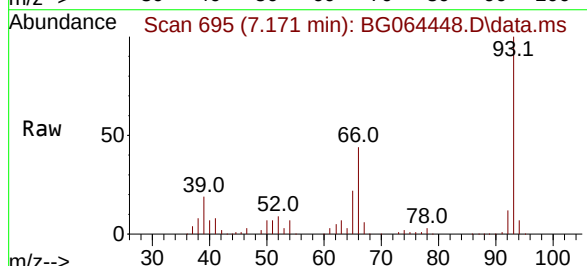
Tgt Ion: 93 Resp: 142053

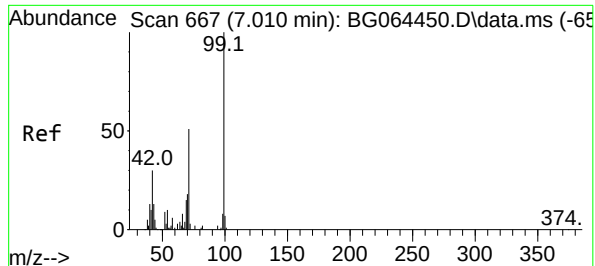
Ion Ratio Lower Upper

93 100

66 44.1 34.9 52.3

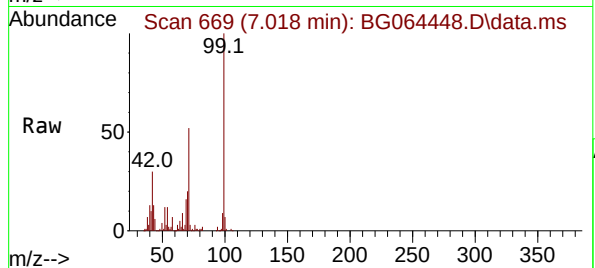
65 21.9 17.3 25.9





#7
Phenol-d6
Concen: 159.624 ng
RT: 7.018 min Scan# 60
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

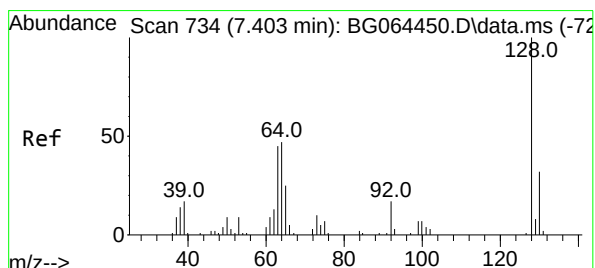
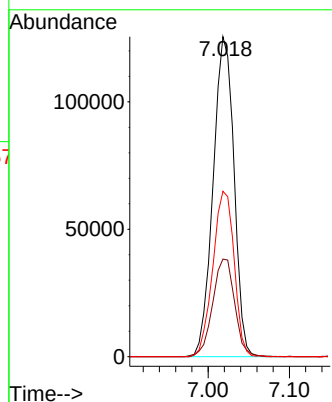
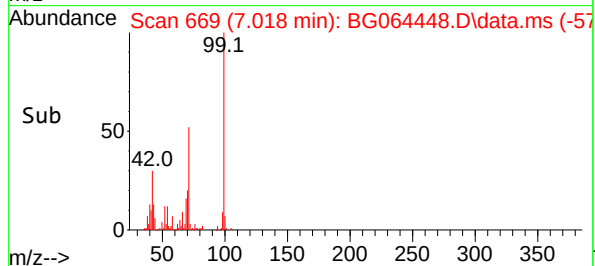
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 224629
Ion Ratio Lower Upper
99 100
42 30.5 24.0 36.0
71 51.7 40.5 60.7

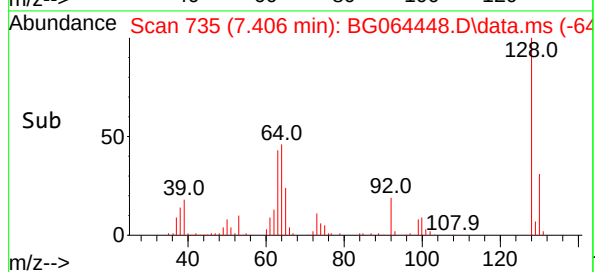
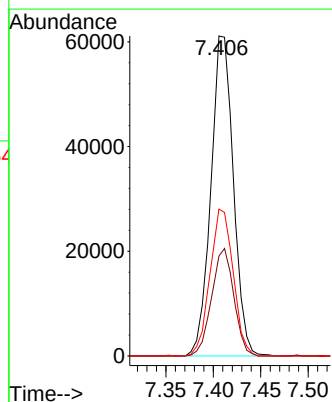
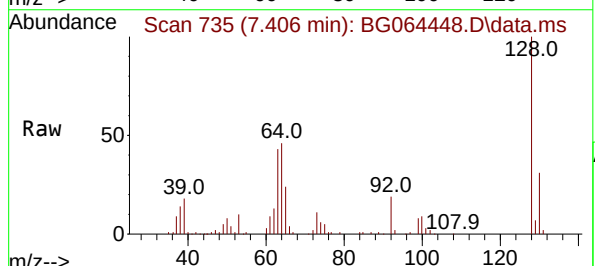
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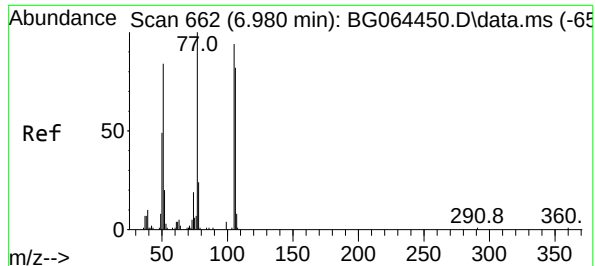
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 78.580 ng
RT: 7.406 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

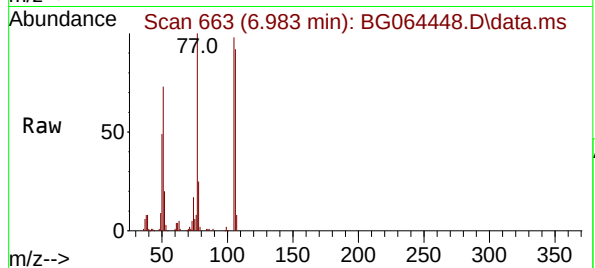
Tgt Ion:128 Resp: 100982
Ion Ratio Lower Upper
128 100
130 31.2 11.8 51.8
64 45.9 27.0 67.0





#9
Benzaldehyde
Concen: 71.737 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

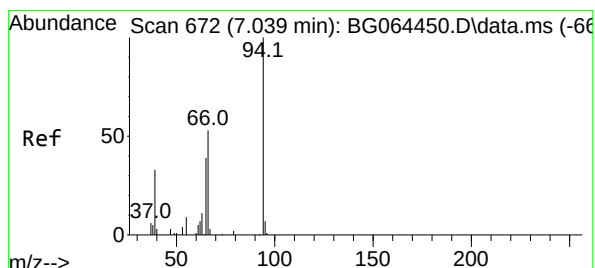
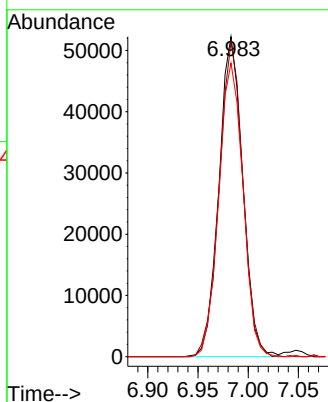
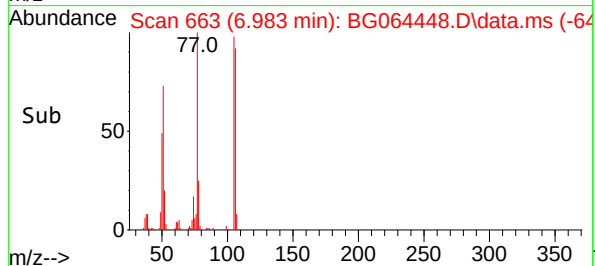
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 85928
Ion Ratio Lower Upper
77 100
105 98.4 74.0 114.0
106 91.7 62.5 102.5

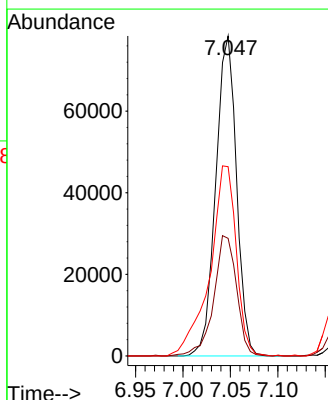
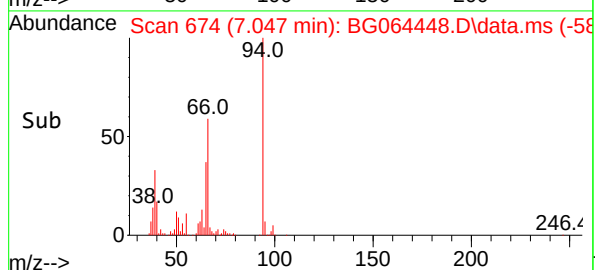
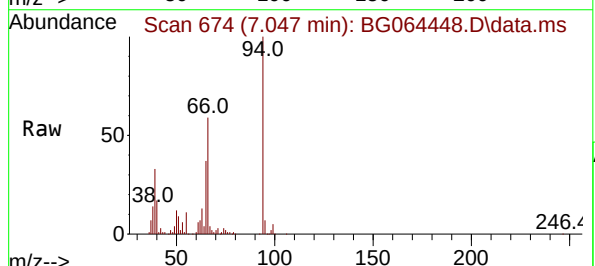
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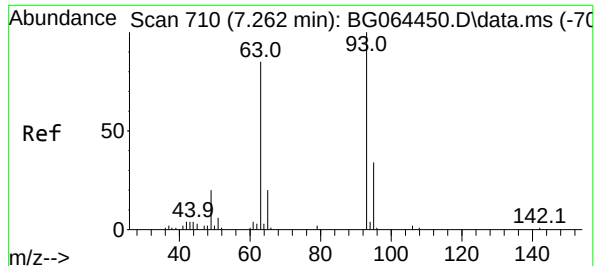
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 78.432 ng
RT: 7.047 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 94 Resp: 119506
Ion Ratio Lower Upper
94 100
65 36.8 21.1 61.1
66 59.2 39.7 79.7





#11

bis(2-Chloroethyl)ether

Concen: 78.567 ng

RT: 7.271 min Scan# 710

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 80380

Ion Ratio Lower Upper

93 100

63 79.3 65.3 105.3

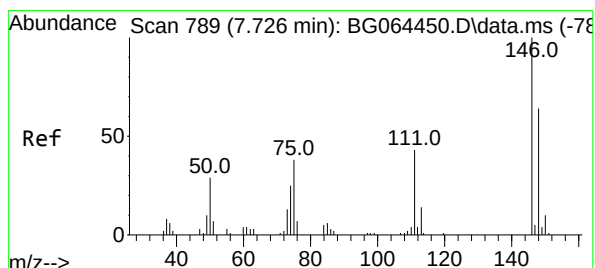
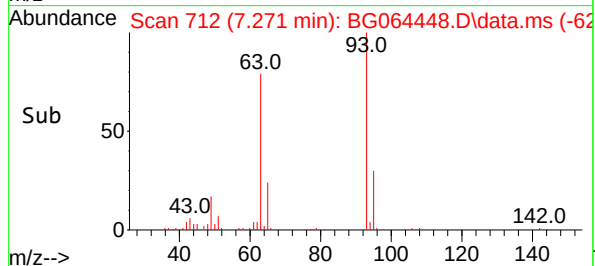
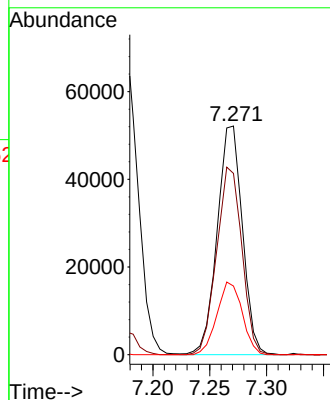
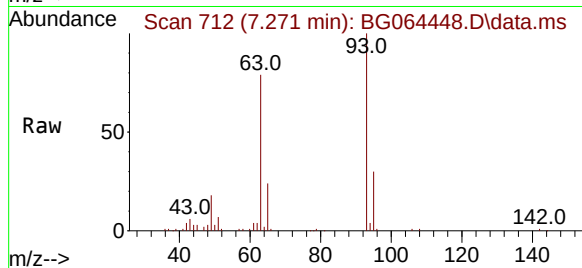
95 30.0 13.7 53.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 77.303 ng

RT: 7.729 min Scan# 790

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

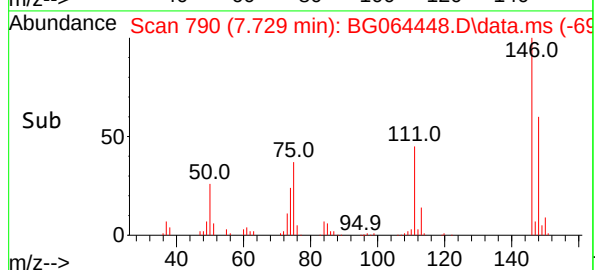
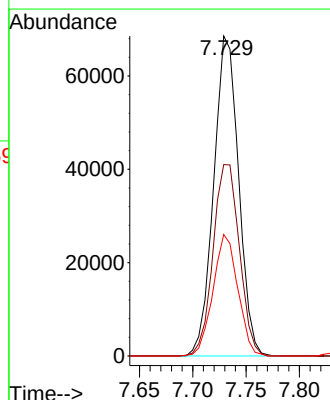
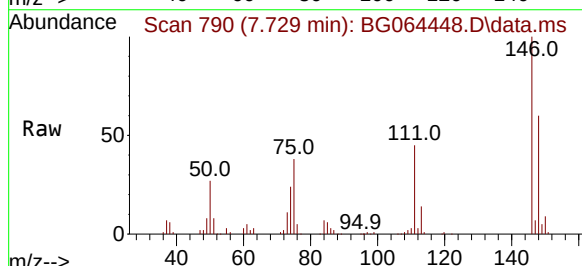
Tgt Ion:146 Resp: 111353

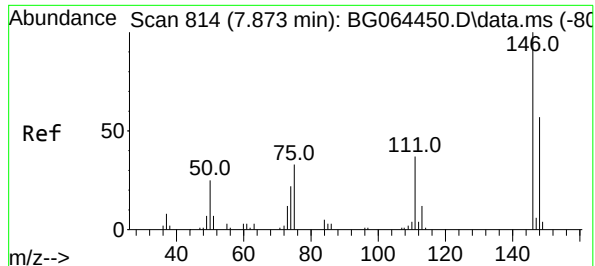
Ion Ratio Lower Upper

146 100

148 59.8 51.0 76.4

75 38.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 75.656 ng m

RT: 7.876 min Scan# 814

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 111320

Ion Ratio Lower Upper

146 100

148 65.0 45.3 67.9

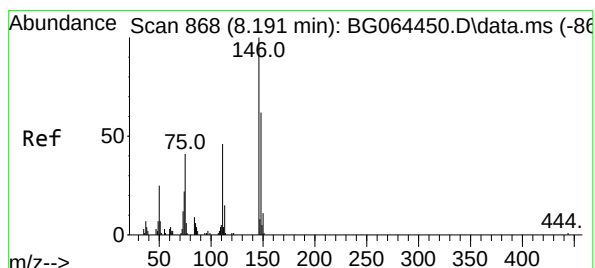
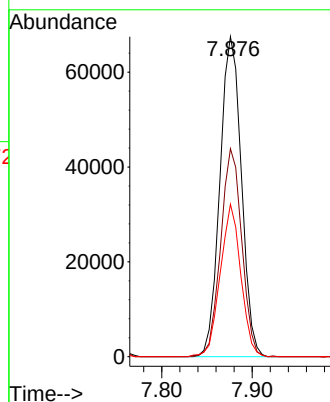
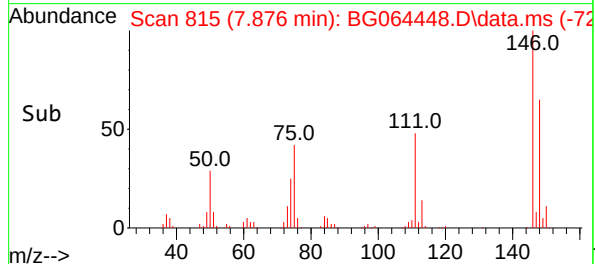
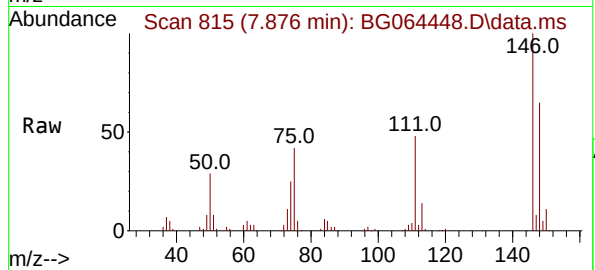
111 47.7 30.3 45.5

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Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 78.784 ng

RT: 8.193 min Scan# 869

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

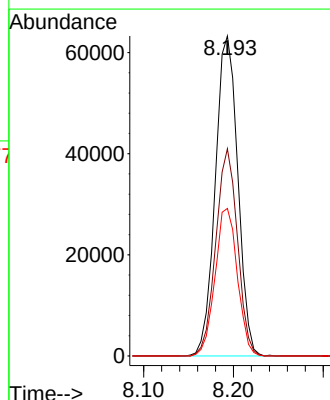
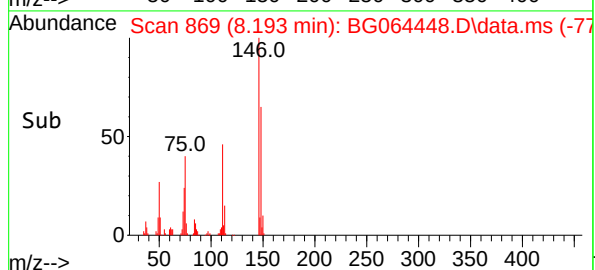
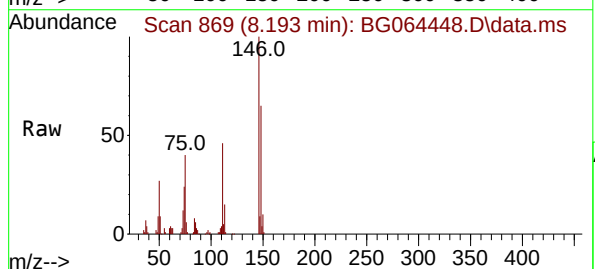
Tgt Ion:146 Resp: 109859

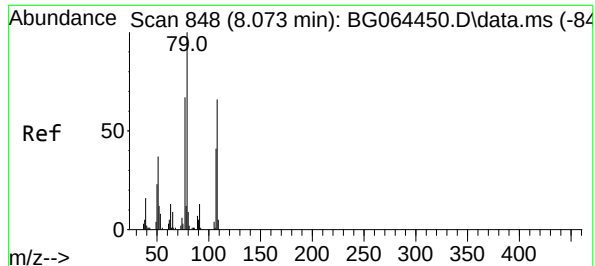
Ion Ratio Lower Upper

146 100

148 64.8 49.9 74.9

111 46.1 36.6 54.8





#15

Benzyl Alcohol

Concen: 79.912 ng

RT: 8.082 min Scan# 848

Delta R.T. 0.008 min

Lab File: BG064448.D

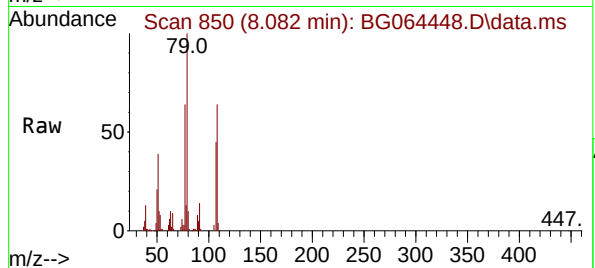
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



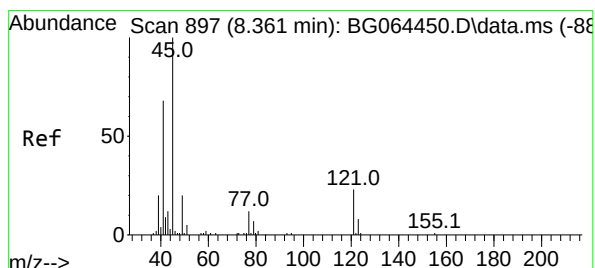
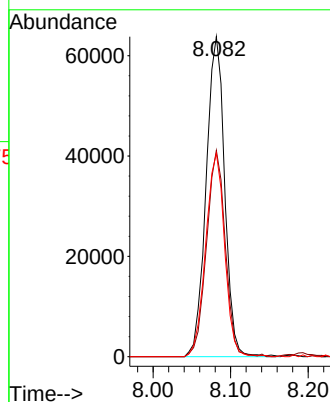
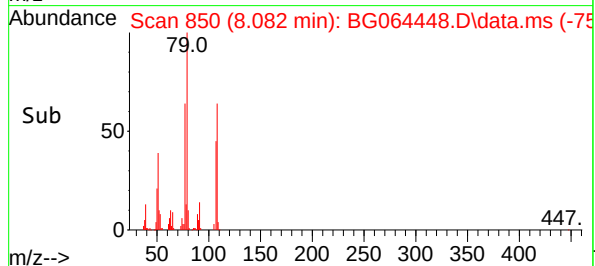
Tgt Ion:	79	Resp:	105960
Ion	Ratio	Lower	Upper
79	100		
108	64.5	53.0	79.6
77	63.6	53.6	80.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 72.804 ng

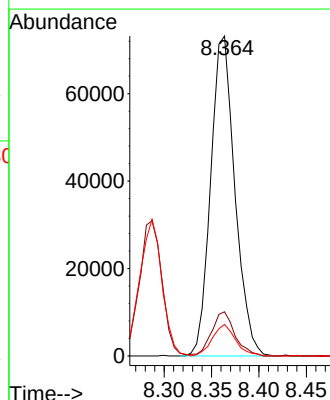
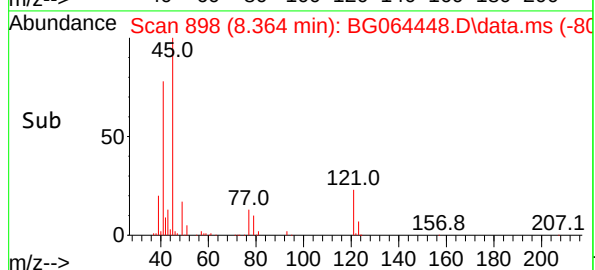
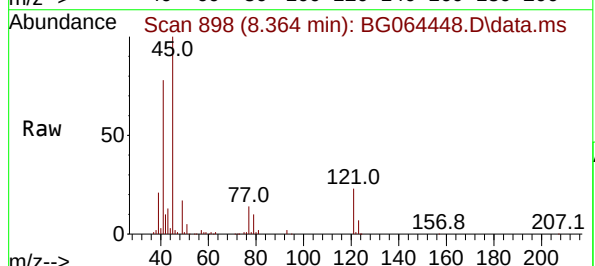
RT: 8.364 min Scan# 898

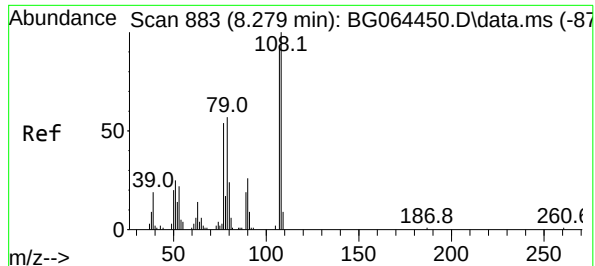
Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:	45	Resp:	129875
Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	32.8
79	9.8	0.0	28.0





#17

2-Methylphenol

Concen: 78.167 ng

RT: 8.287 min Scan# 885

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 8604

Ion Ratio Lower Upper

107 100

108 108.3 86.2 129.2

77 57.3 46.7 70.1

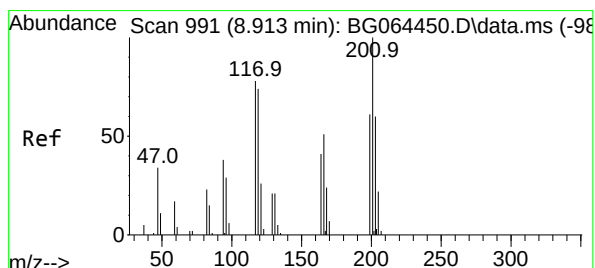
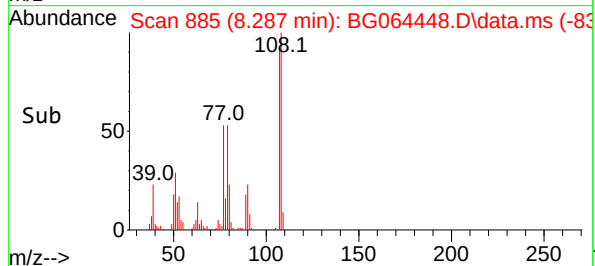
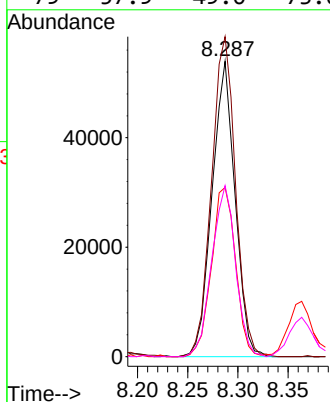
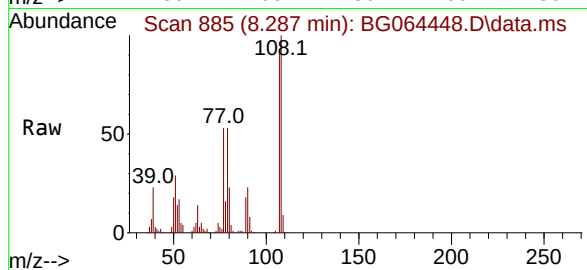
79 57.9 49.0 73.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 78.241 ng

RT: 8.922 min Scan# 993

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

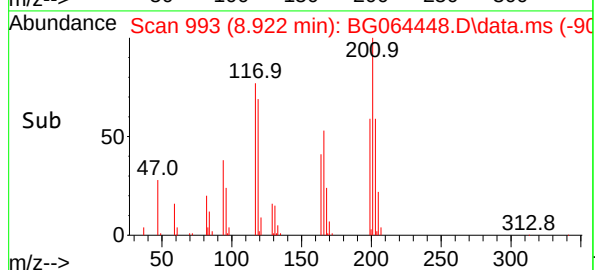
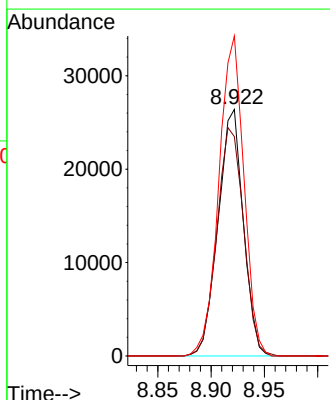
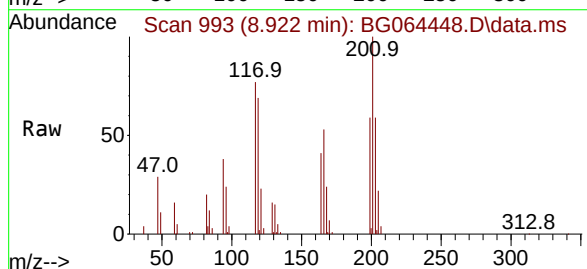
Tgt Ion:117 Resp: 43436

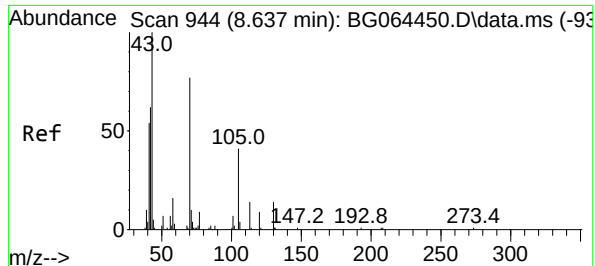
Ion Ratio Lower Upper

117 100

119 91.3 76.6 115.0

201 129.7 103.0 154.6





#19

n-Nitroso-di-n-propylamine

Concen: 79.490 ng

RT: 8.651 min Scan# 94

Delta R.T. 0.014 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 75609

Ion Ratio Lower Upper

70 100

42 84.0 65.6 98.4

101 9.5 7.7 11.5

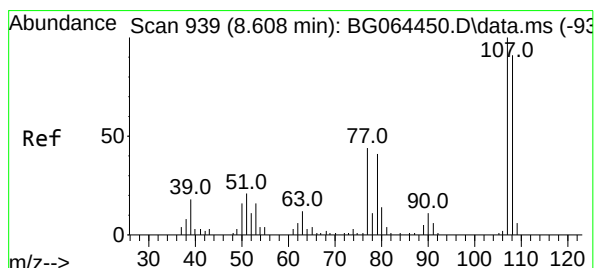
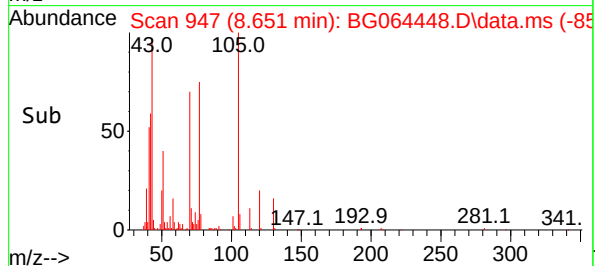
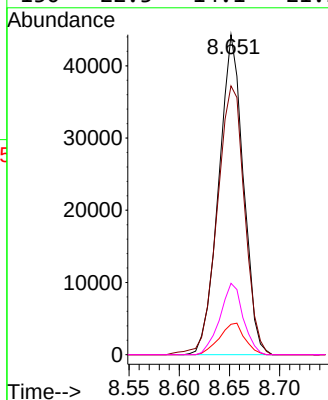
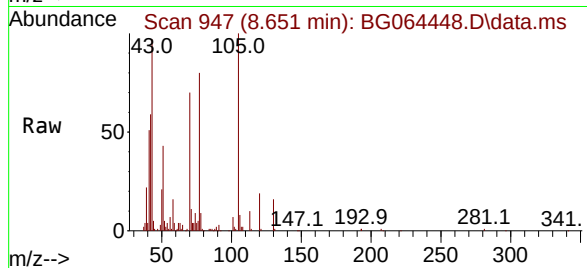
130 22.3 14.1 21.1#

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 75.908 ng

RT: 8.616 min Scan# 941

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:107 Resp: 117454

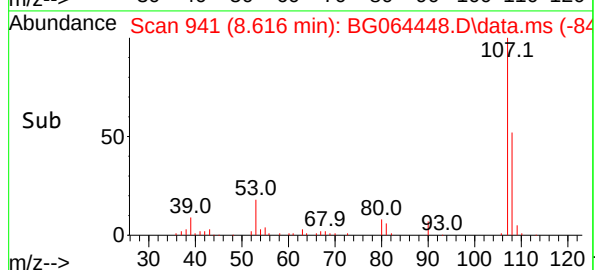
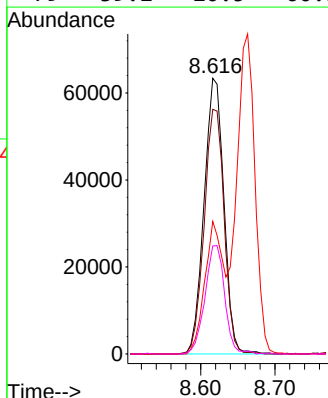
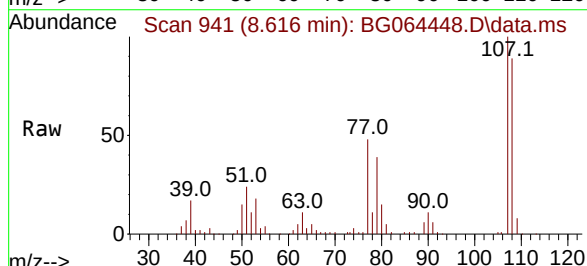
Ion Ratio Lower Upper

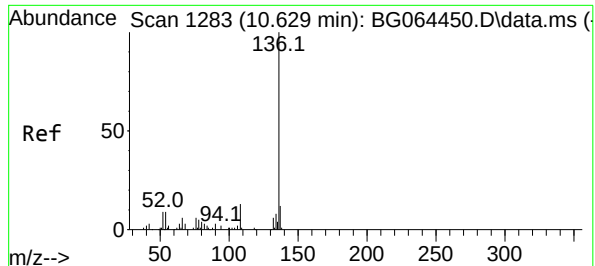
107 100

108 88.7 70.9 110.9

77 48.1 24.4 64.4

79 39.2 20.5 60.5





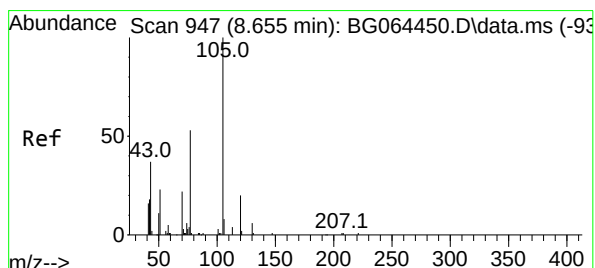
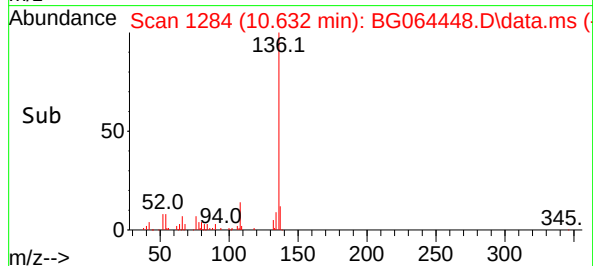
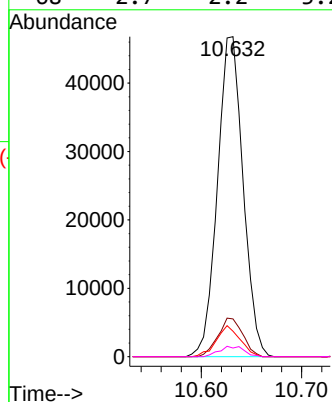
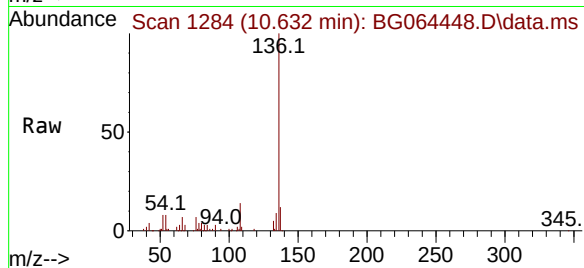
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.632 min Scan# 10632
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 82993
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 8.0 7.4 11.2
68 2.7 2.2 3.2

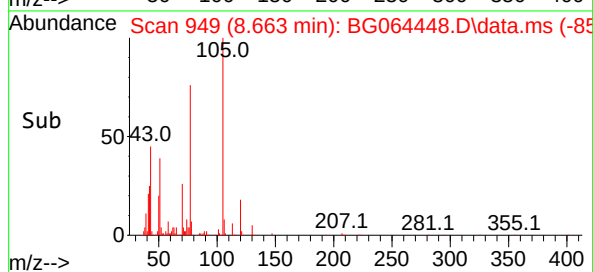
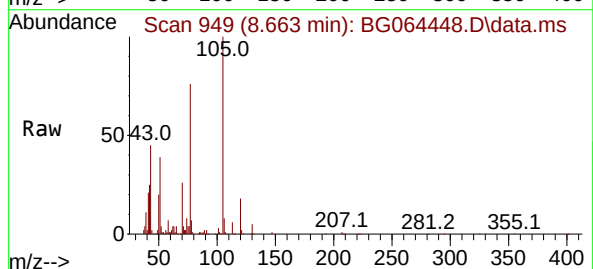
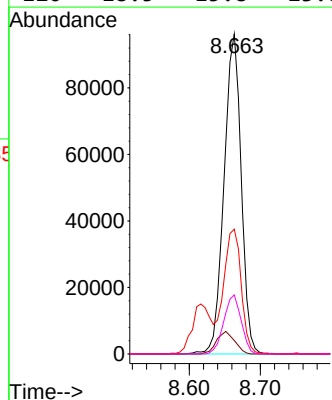
Manual Integrations
APPROVED

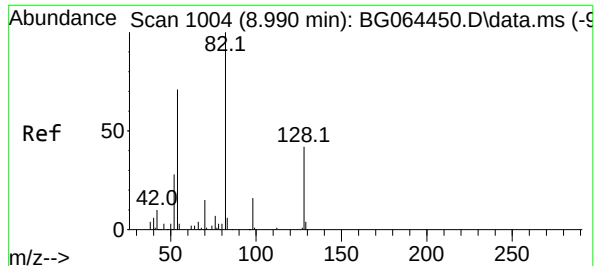
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 80.881 ng
RT: 8.663 min Scan# 949
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

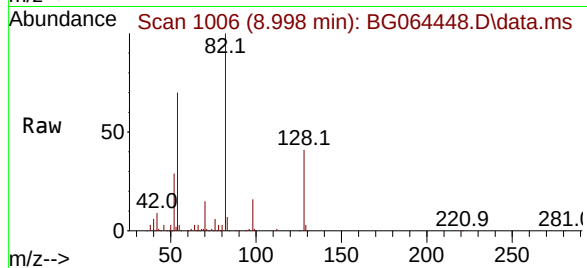
Tgt Ion:105 Resp: 160704
Ion Ratio Lower Upper
105 100
71 4.2 2.5 3.7#
51 39.0 29.0 43.6
120 18.5 15.8 23.8





#23
Nitrobenzene-d5
Concen: 163.100 ng
RT: 8.998 min Scan# 1006
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

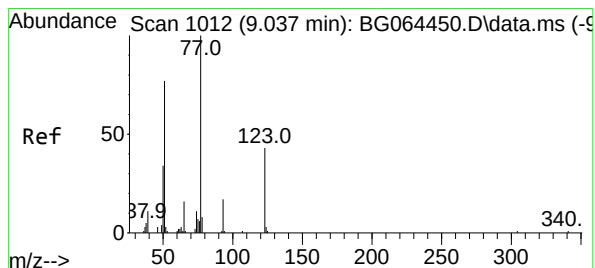
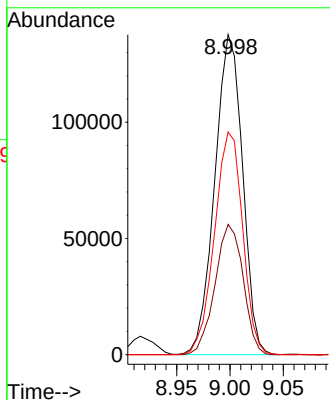
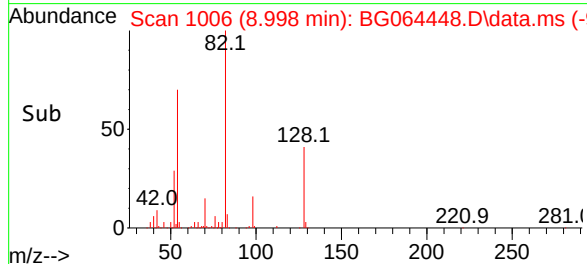
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 249768
Ion Ratio Lower Upper
82 100
128 40.7 33.7 50.5
54 69.6 57.0 85.6

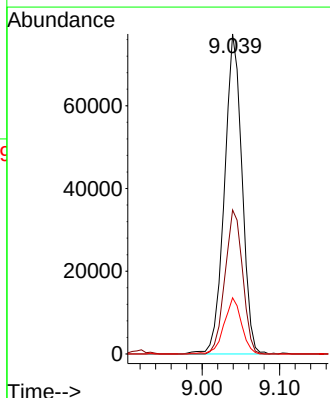
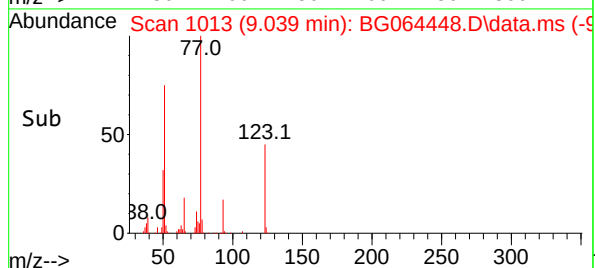
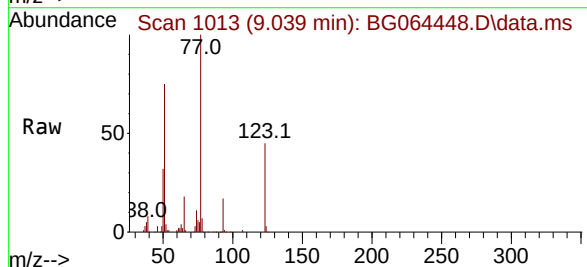
Manual Integrations
APPROVED

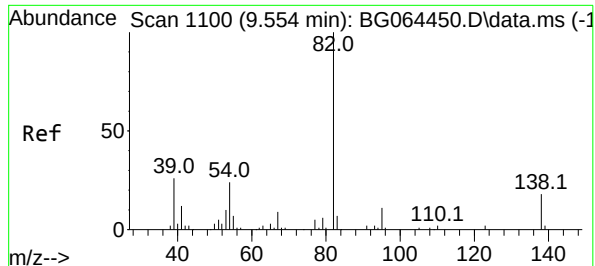
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#24
Nitrobenzene
Concen: 81.667 ng
RT: 9.039 min Scan# 1013
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 77 Resp: 122078
Ion Ratio Lower Upper
77 100
123 45.0 34.7 52.1
65 17.6 12.8 19.2





#25

Isophorone

Concen: 77.086 ng

RT: 9.568 min Scan# 1100

Delta R.T. 0.014 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 218420

Ion Ratio Lower Upper

82 100

95 11.0 8.5 12.7

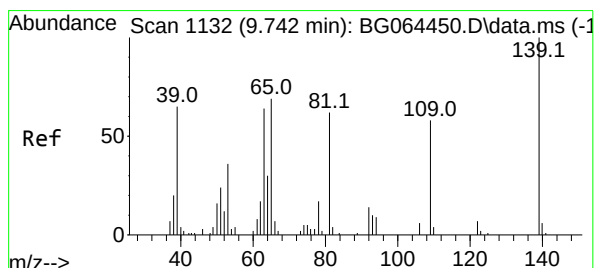
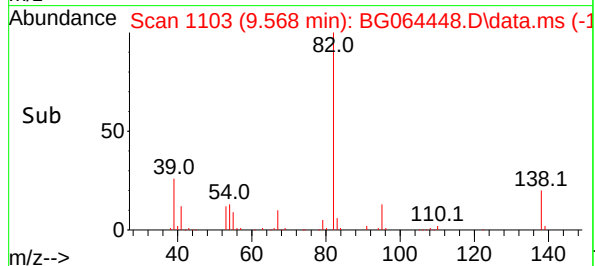
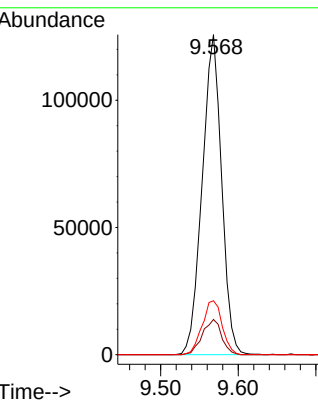
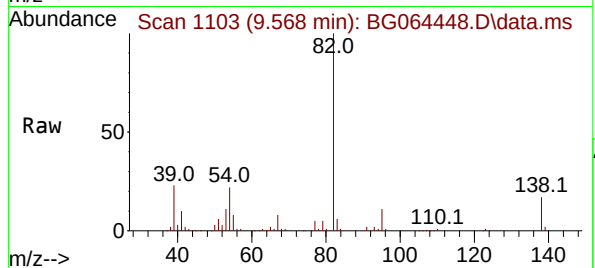
138 16.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 82.012 ng

RT: 9.744 min Scan# 1133

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

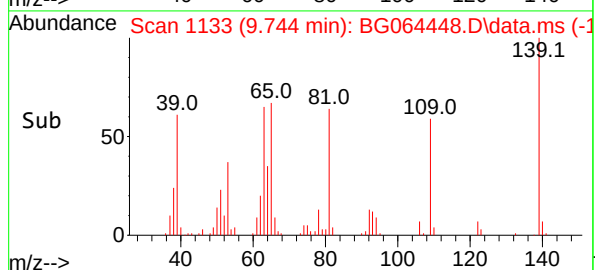
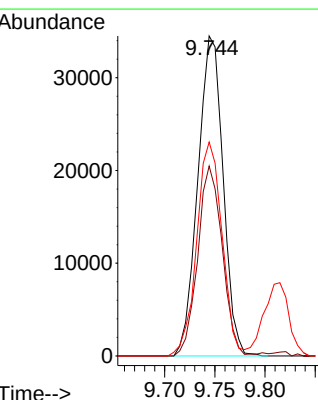
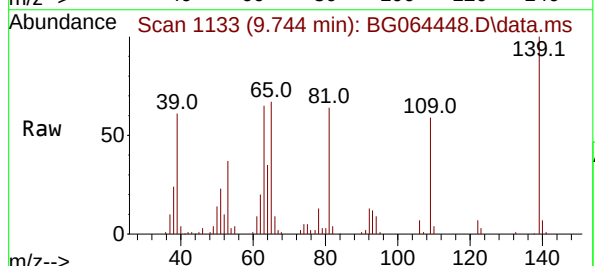
Tgt Ion:139 Resp: 60345

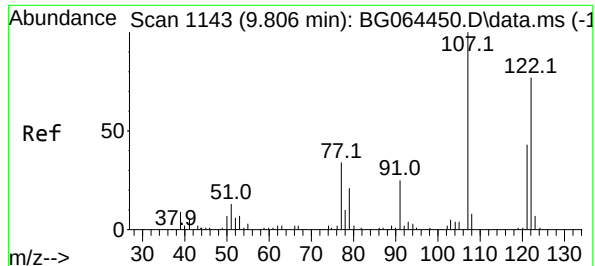
Ion Ratio Lower Upper

139 100

109 59.3 46.6 70.0

65 66.9 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 78.884 ng

RT: 9.809 min Scan# 1143

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 9361

Ion Ratio Lower Upper

122 100

107 129.3 102.6 153.8

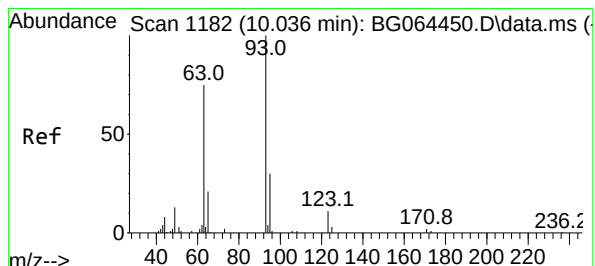
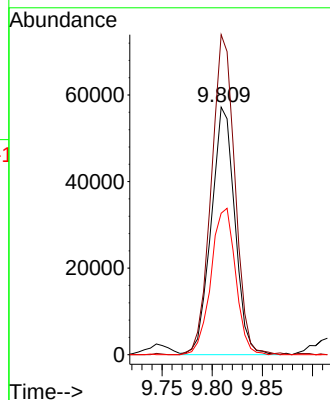
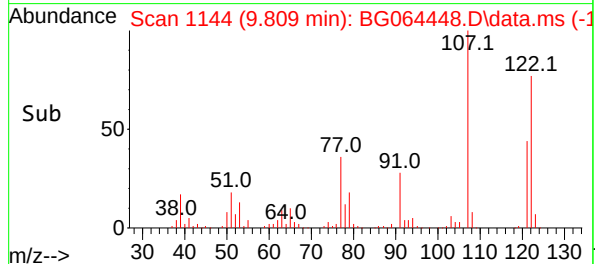
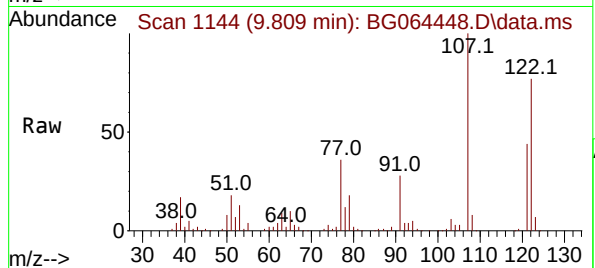
121 57.1 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 78.459 ng

RT: 10.044 min Scan# 1184

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

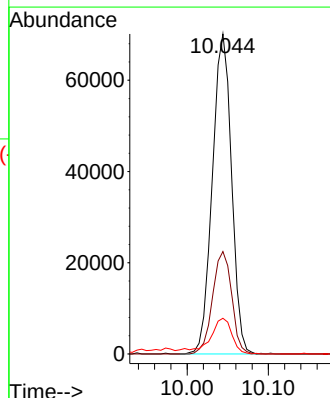
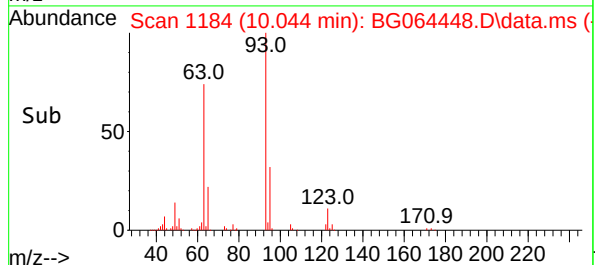
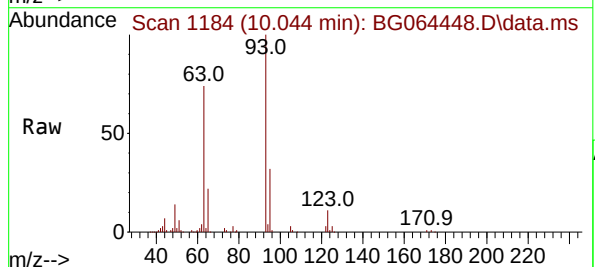
Tgt Ion: 93 Resp: 114851

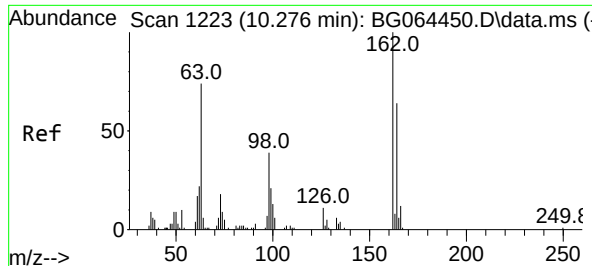
Ion Ratio Lower Upper

93 100

95 32.0 24.0 36.0

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 77.343 ng

RT: 10.285 min Scan# 1225

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 10564

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

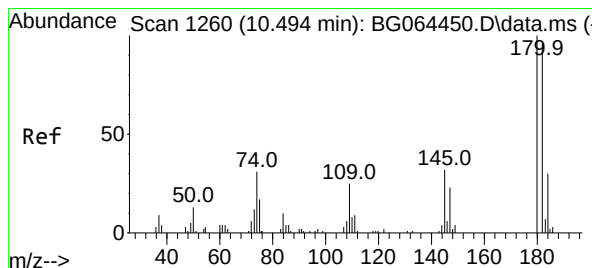
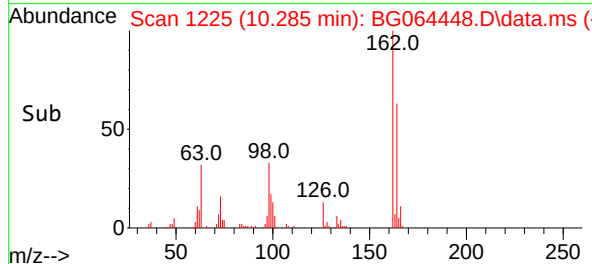
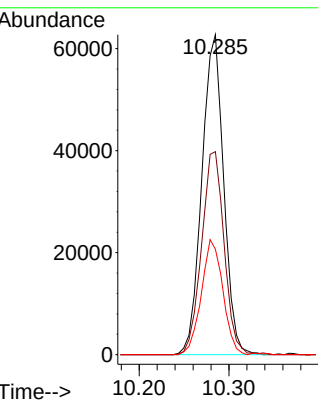
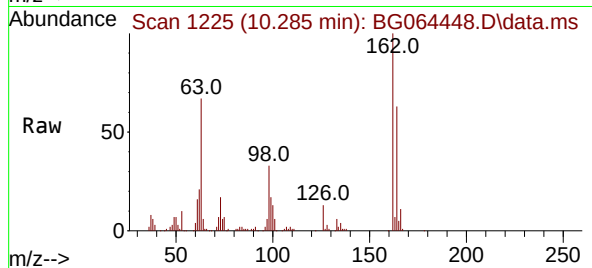
98 32.9 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 80.225 ng

RT: 10.496 min Scan# 1261

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

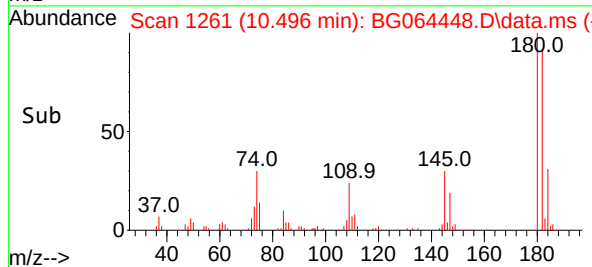
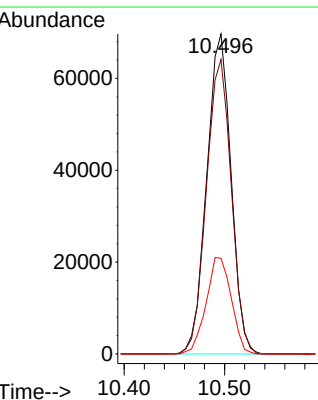
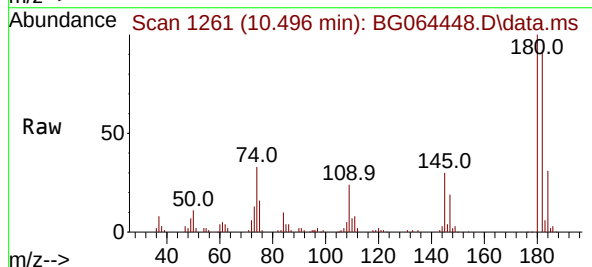
Tgt Ion:180 Resp: 117206

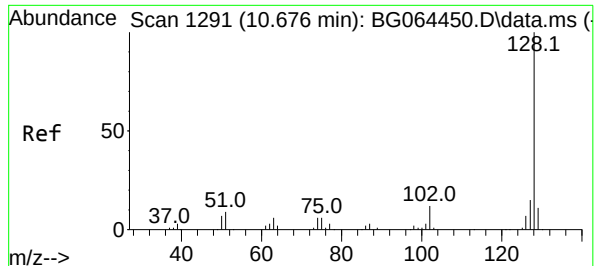
Ion Ratio Lower Upper

180 100

182 92.0 77.0 115.4

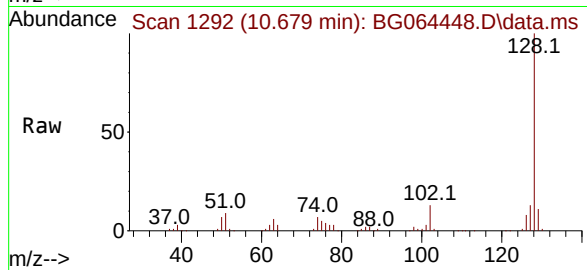
145 29.9 25.4 38.2





#31
Naphthalene
Concen: 78.163 ng
RT: 10.679 min Scan# 1177
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

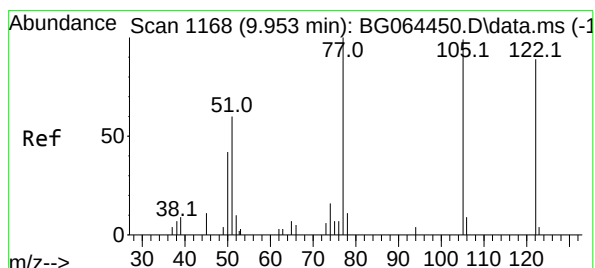
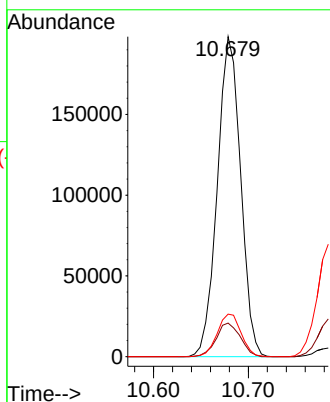
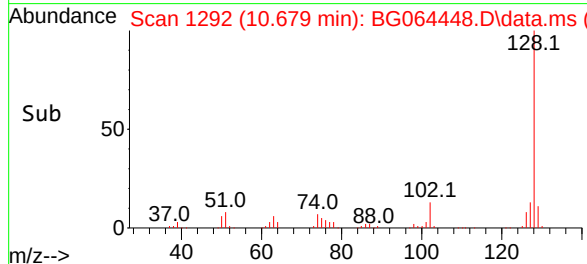
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 338660
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.3 12.1 18.1

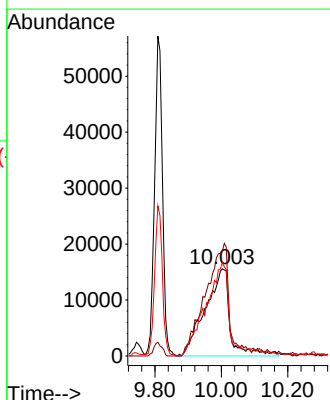
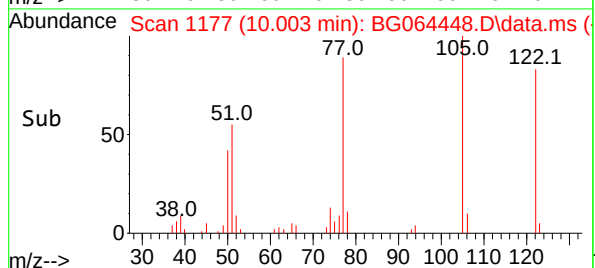
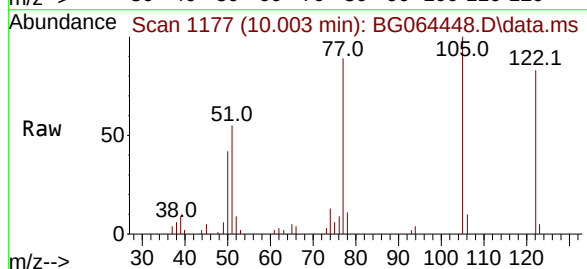
Manual Integrations
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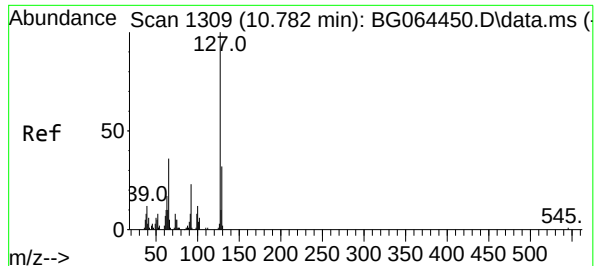
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 92.734 ng m
RT: 10.003 min Scan# 1177
Delta R.T. 0.050 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

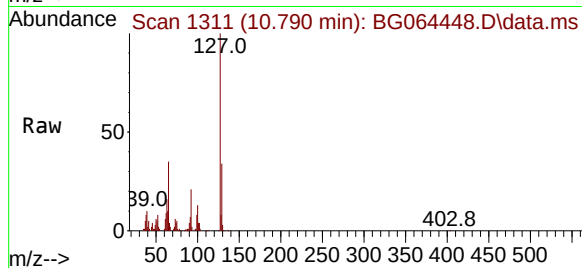
Tgt Ion:122 Resp: 81423
Ion Ratio Lower Upper
122 100
105 120.1 91.0 131.0
77 107.2 92.2 132.2





#33
4-Chloroaniline
Concen: 82.076 ng
RT: 10.790 min Scan# 1311
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

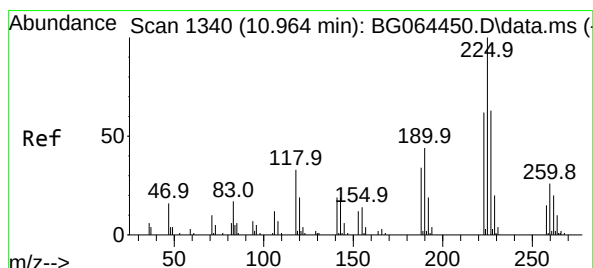
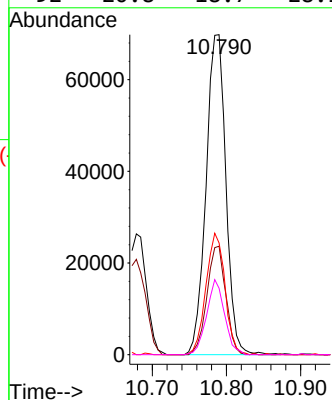
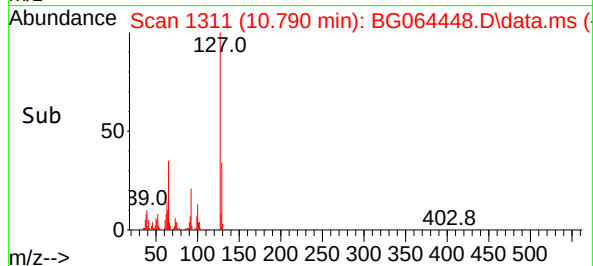
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



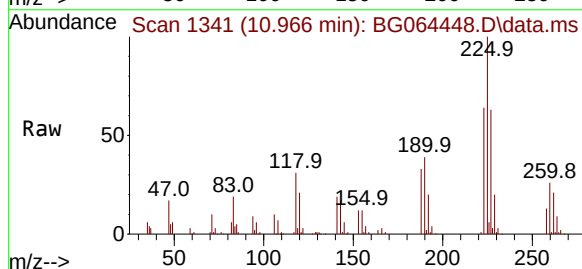
Tgt Ion:127 Resp: 130080
Ion Ratio Lower Upper
127 100
129 33.9 25.7 38.5
65 34.9 28.6 43.0
92 20.8 18.7 28.1

Manual Integrations
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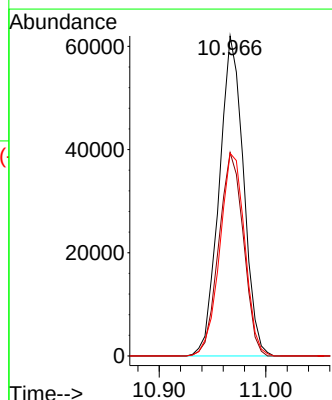
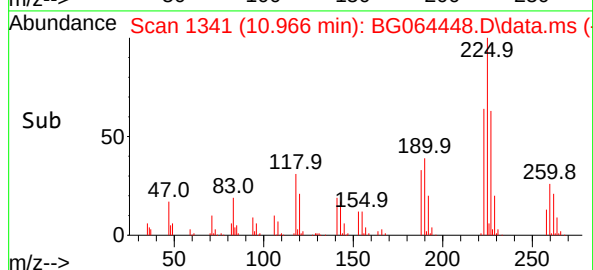
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

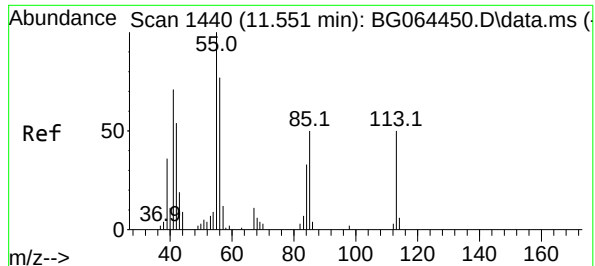


#34
Hexachlorobutadiene
Concen: 78.886 ng
RT: 10.966 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:225 Resp: 98170
Ion Ratio Lower Upper
225 100
223 63.6 49.4 74.2
227 63.4 50.0 75.0





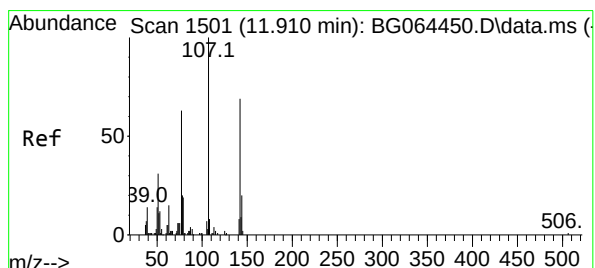
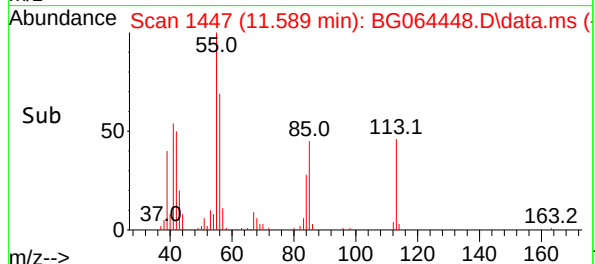
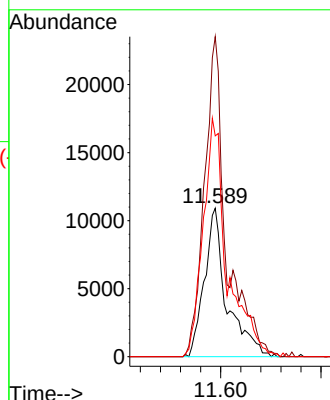
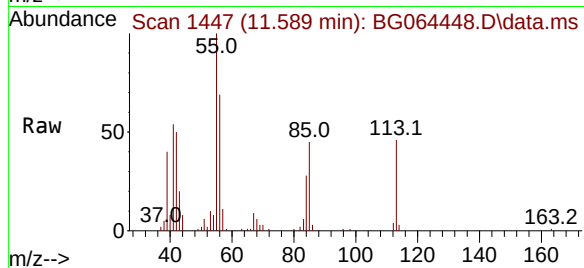
#35
Caprolactam
Concen: 75.116 ng
RT: 11.589 min Scan# 1440
Delta R.T. 0.038 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
113	100		
55	215.5	178.3	218.3
56	148.7	132.4	172.4

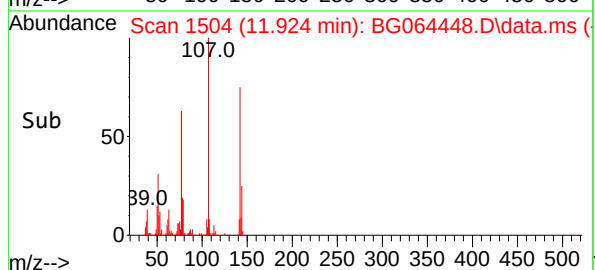
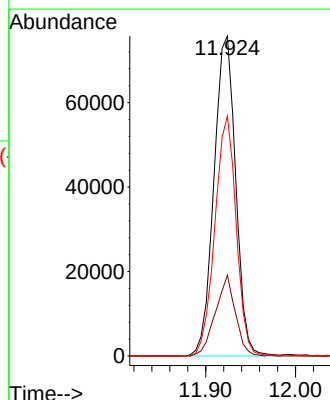
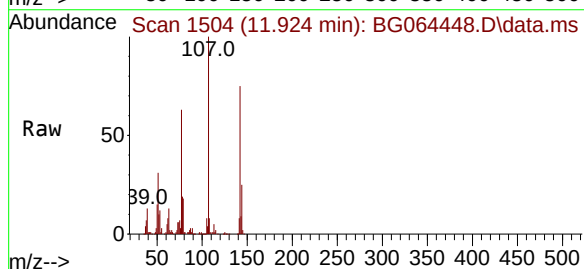
Manual Integrations
APPROVED

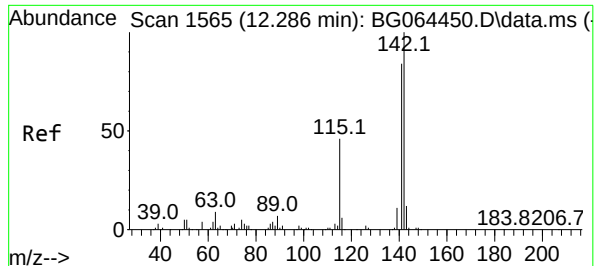
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 78.697 ng
RT: 11.924 min Scan# 1504
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

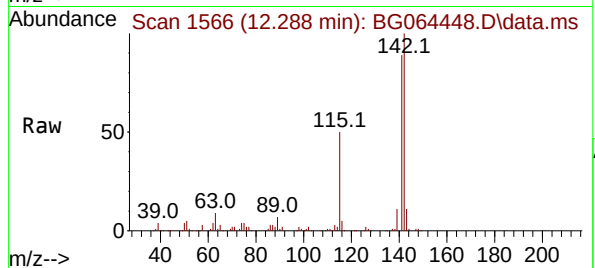
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	16.3	24.5
142	75.0	55.5	83.3





#37
2-Methylnaphthalene
Concen: 78.312 ng
RT: 12.288 min Scan# 1565
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

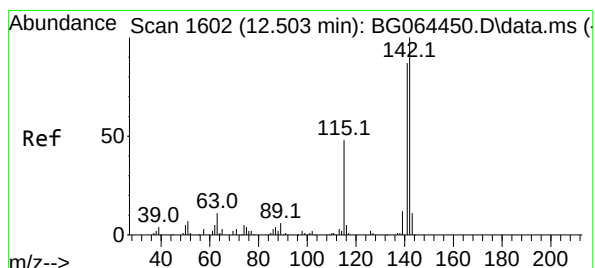
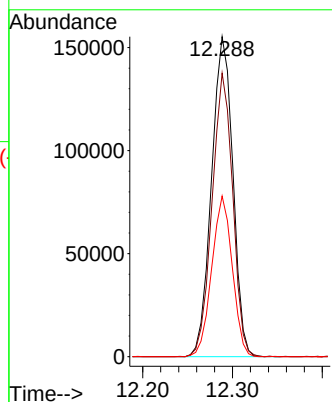
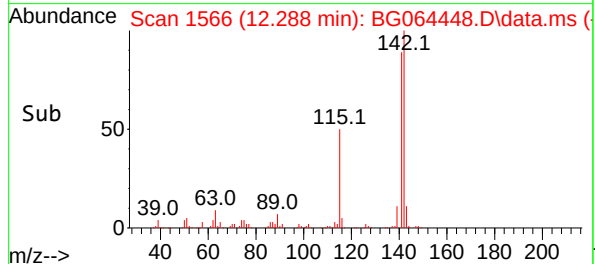
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



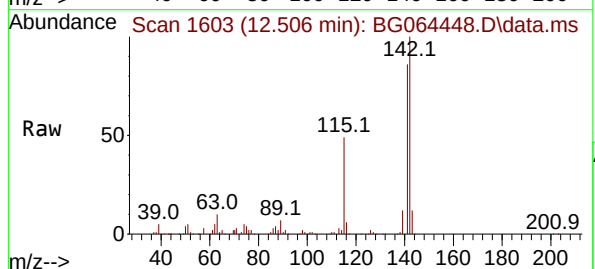
Tgt Ion:142 Resp: 256209
Ion Ratio Lower Upper
142 100
141 88.6 67.3 100.9
115 50.2 37.0 55.4

Manual Integrations
APPROVED

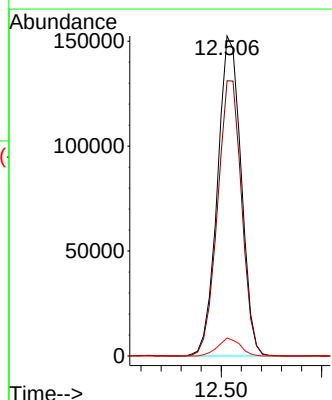
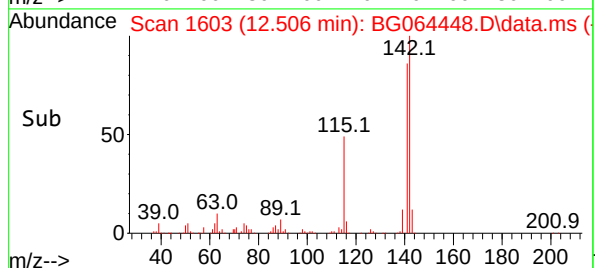
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

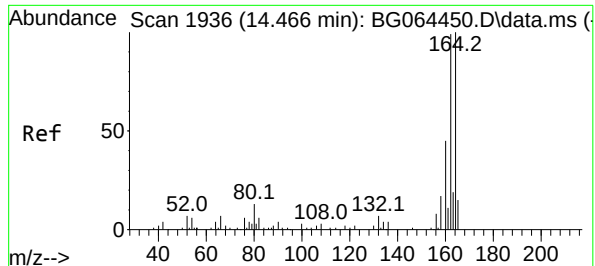


#38
1-Methylnaphthalene
Concen: 77.491 ng
RT: 12.506 min Scan# 1603
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



Tgt Ion:142 Resp: 249106
Ion Ratio Lower Upper
142 100
141 86.0 69.2 103.8
116 5.6 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1936

Delta R.T. 0.003 min

Lab File: BG064448.D

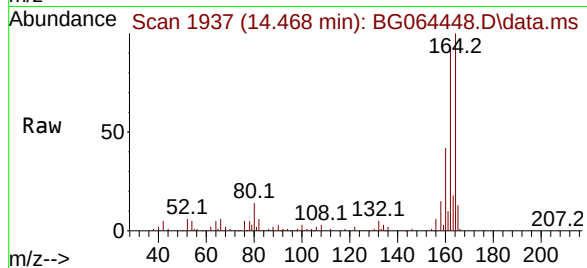
Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 6168

Ion Ratio Lower Upper

164 100

162 92.9 79.0 118.4

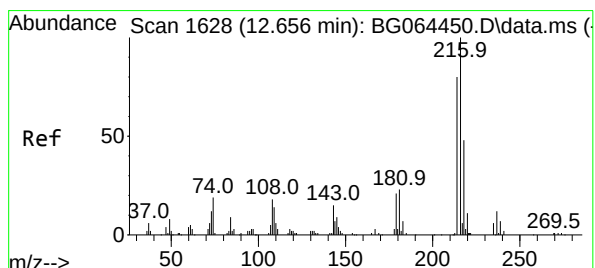
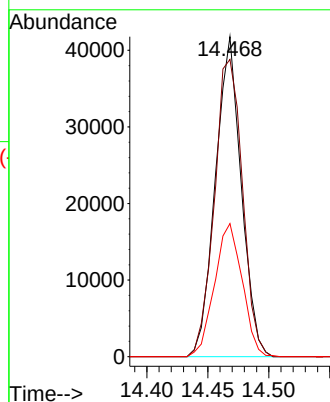
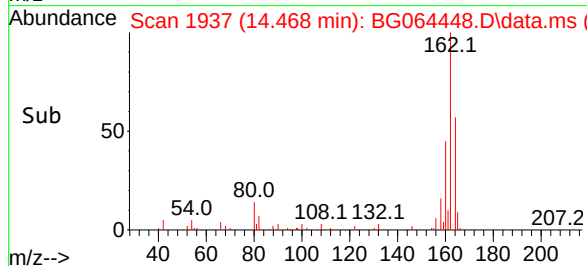
160 41.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.911 ng

RT: 12.659 min Scan# 1629

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Tgt Ion:216 Resp: 157088

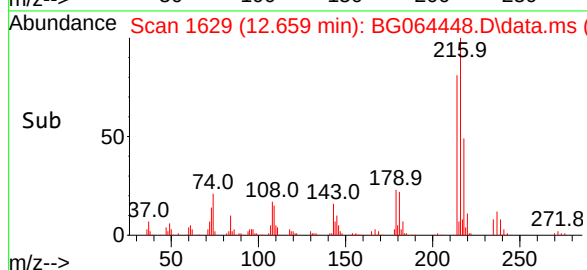
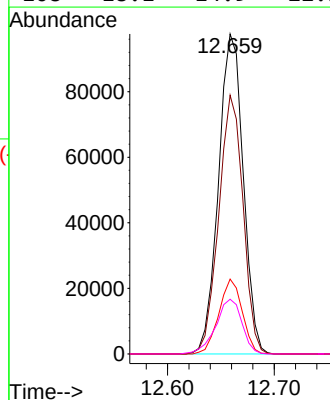
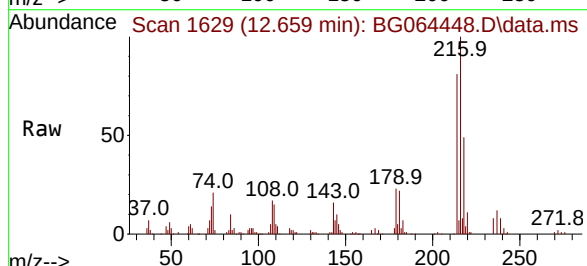
Ion Ratio Lower Upper

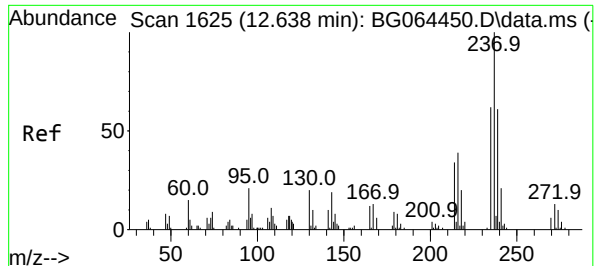
216 100

214 79.4 63.1 94.7

179 22.1 17.4 26.2

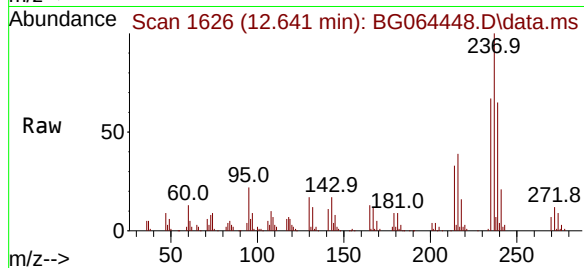
108 18.1 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 85.550 ng
RT: 12.641 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

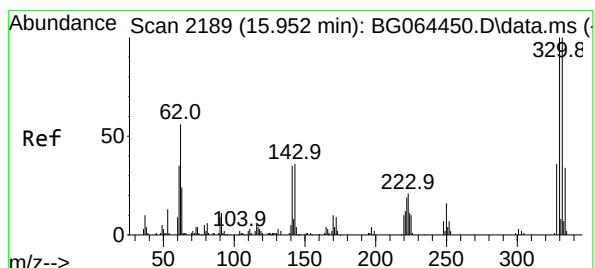
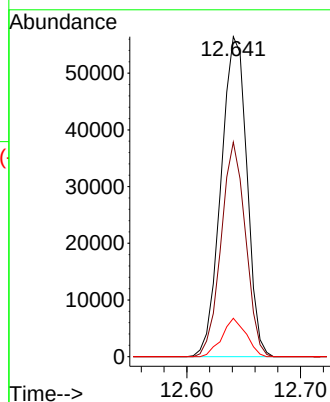
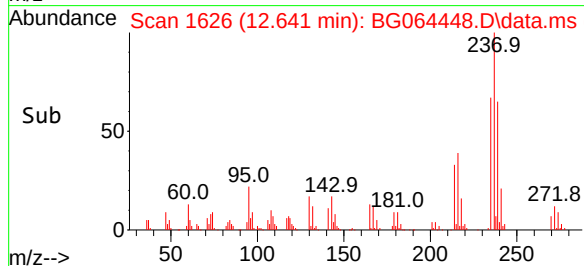
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:237 Resp: 89314
Ion Ratio Lower Upper
237 100
235 67.1 42.2 82.2
272 12.0 0.0 32.8

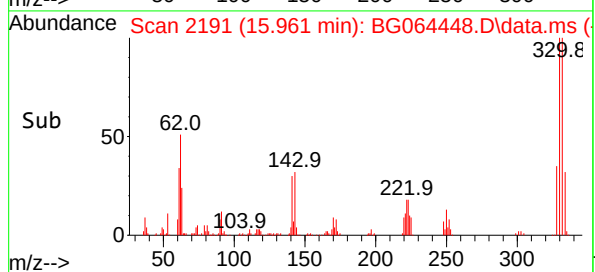
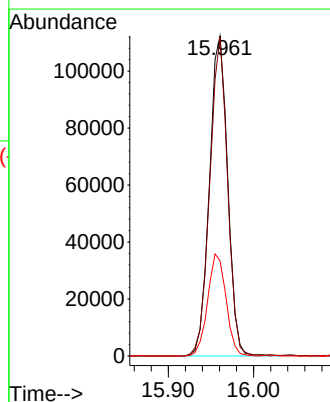
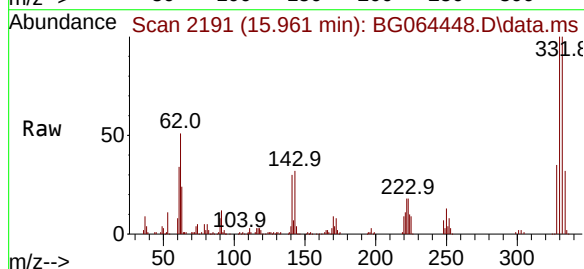
Manual Integrations
APPROVED

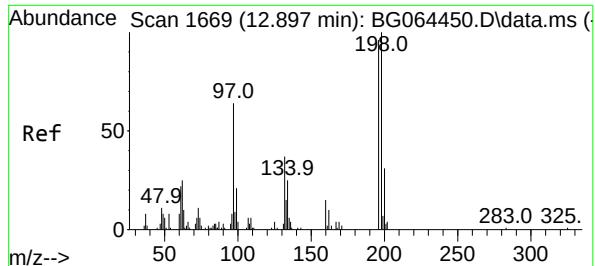
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#42
2,4,6-Tribromophenol
Concen: 154.764 ng
RT: 15.961 min Scan# 2191
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

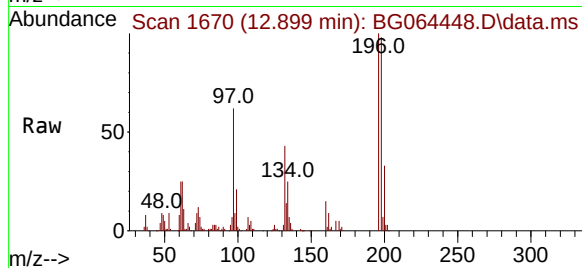
Tgt Ion:330 Resp: 166650
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 32.1 27.3 40.9





#43
2,4,6-Trichlorophenol
Concen: 81.725 ng
RT: 12.899 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

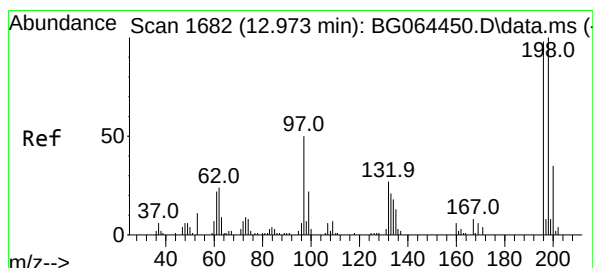
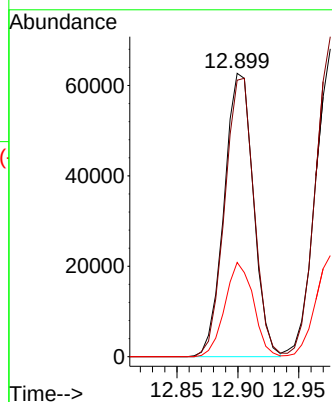
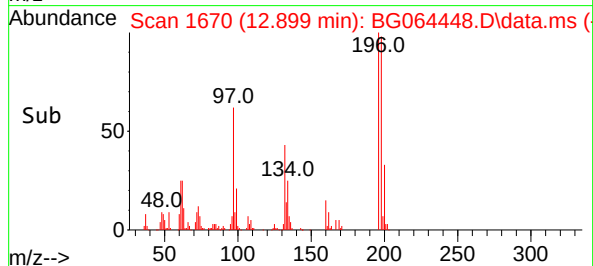
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 10479
Ion Ratio Lower Upper
196 100
198 97.5 83.8 125.6
200 33.2 26.1 39.1

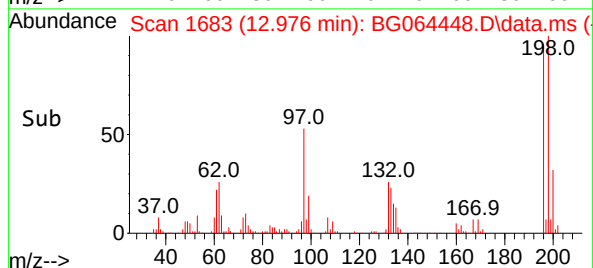
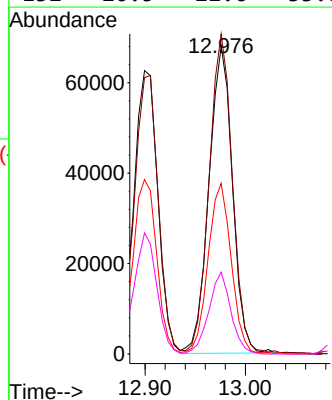
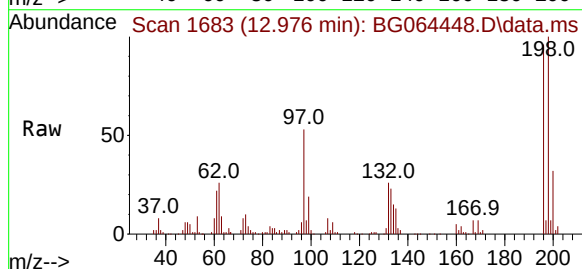
Manual Integrations
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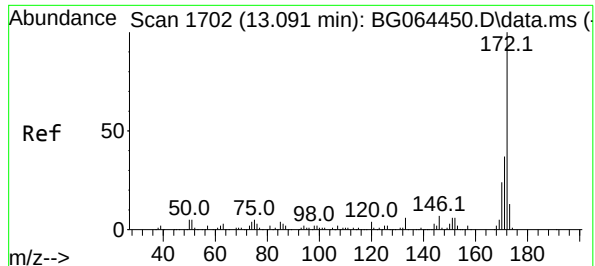
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 77.863 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

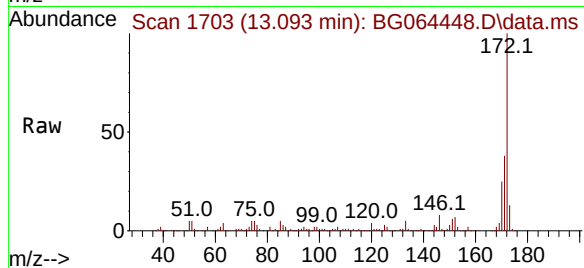
Tgt Ion:196 Resp: 110683
Ion Ratio Lower Upper
196 100
198 103.9 80.9 121.3
97 55.4 40.5 60.7
132 26.5 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 154.917 ng
RT: 13.093 min Scan# 1702
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

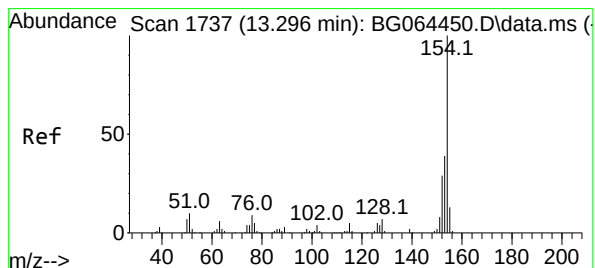
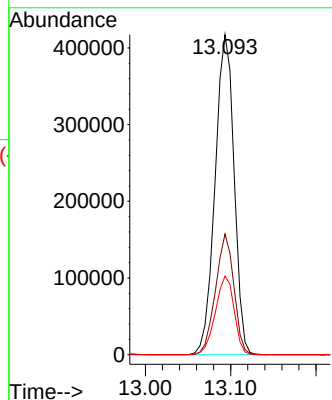
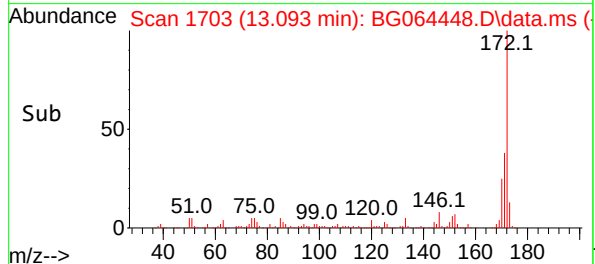
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 64710
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.5 18.9 28.3

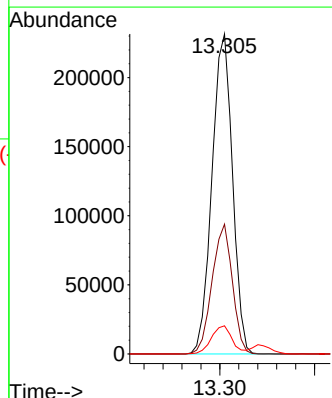
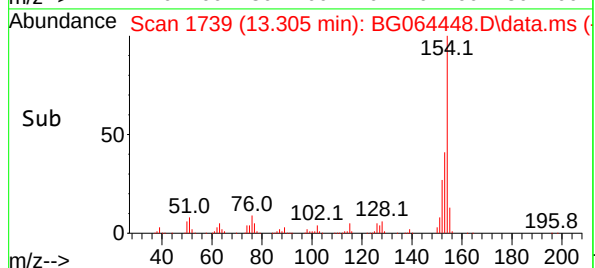
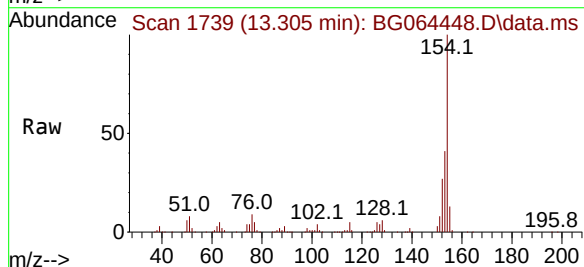
Manual Integrations
APPROVED

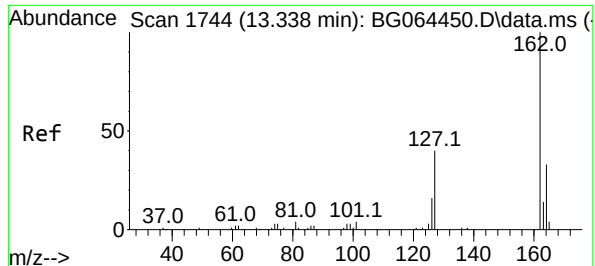
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 79.400 ng
RT: 13.305 min Scan# 1739
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

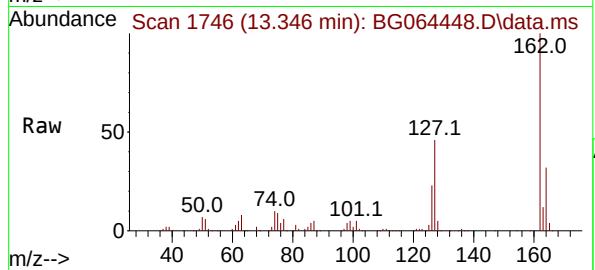
Tgt Ion:154 Resp: 348385
Ion Ratio Lower Upper
154 100
153 40.5 18.8 58.8
76 8.8 0.0 28.8





#47
2-Chloronaphthalene
Concen: 78.449 ng
RT: 13.346 min Scan# 1744
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

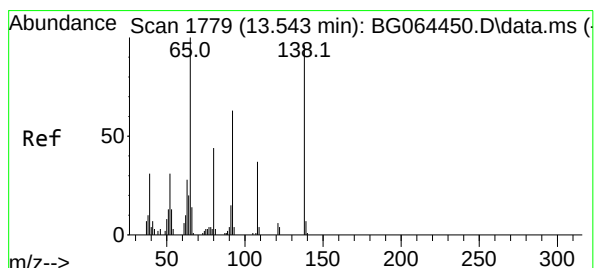
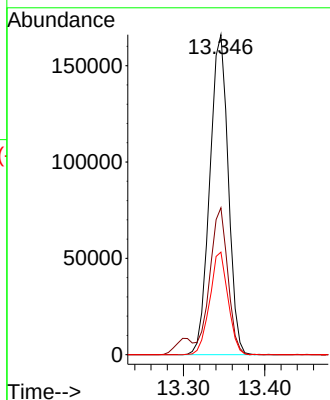
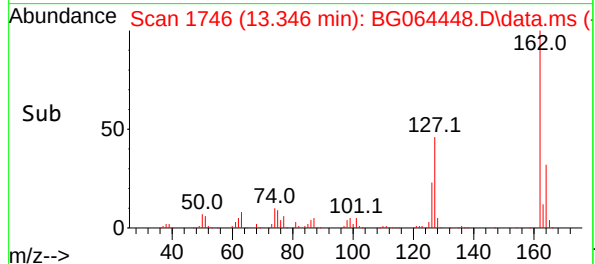
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:162 Resp: 261610
Ion Ratio Lower Upper
162 100
127 45.9 36.2 54.4
164 32.1 26.2 39.2

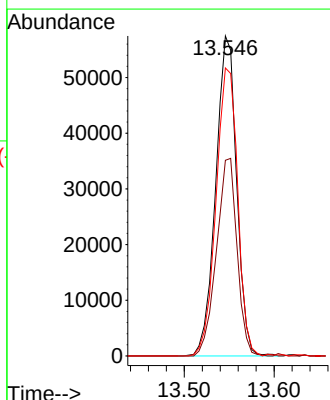
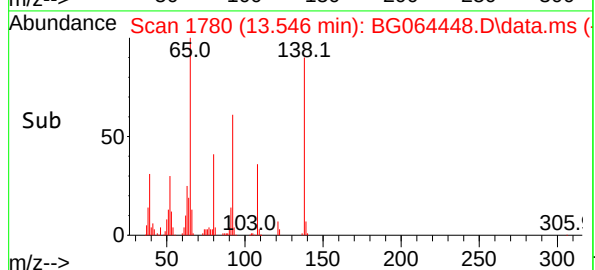
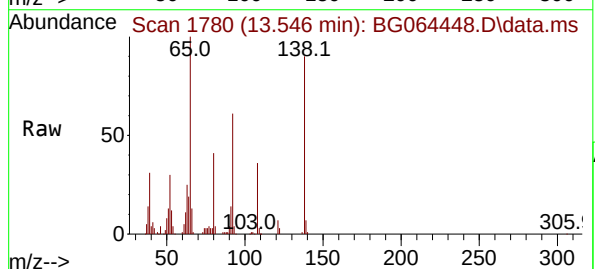
Manual Integrations
APPROVED

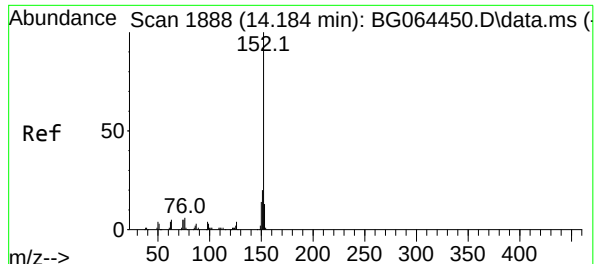
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 81.000 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion: 65 Resp: 92838
Ion Ratio Lower Upper
65 100
92 61.2 50.6 75.8
138 90.0 76.4 114.6





#49

Acenaphthylene

Concen: 77.670 ng

RT: 14.186 min Scan# 1888

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

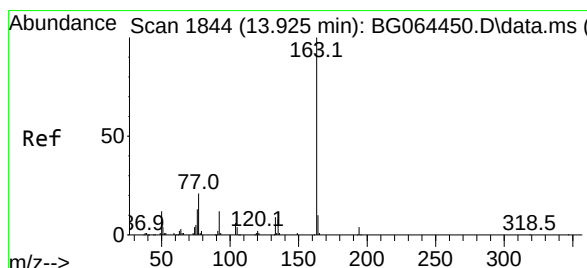
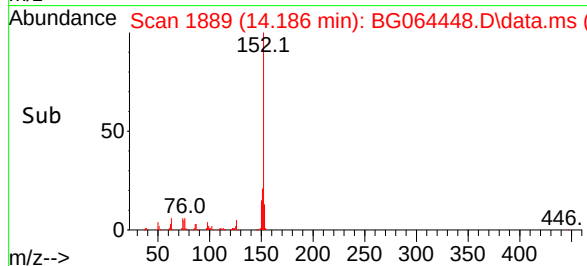
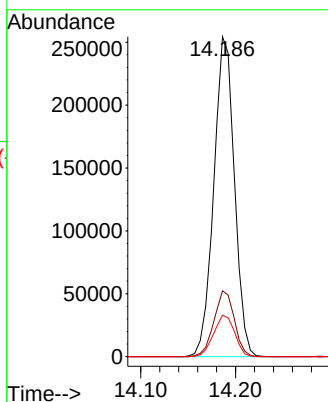
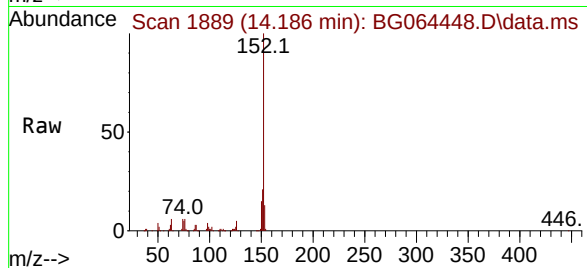
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.0	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

Concen: 75.622 ng

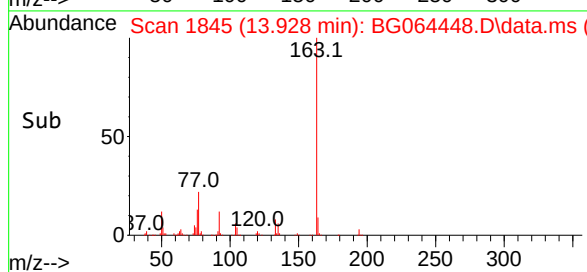
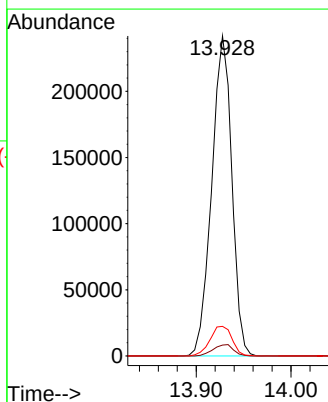
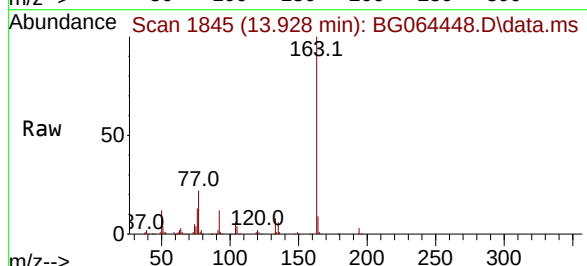
RT: 13.928 min Scan# 1845

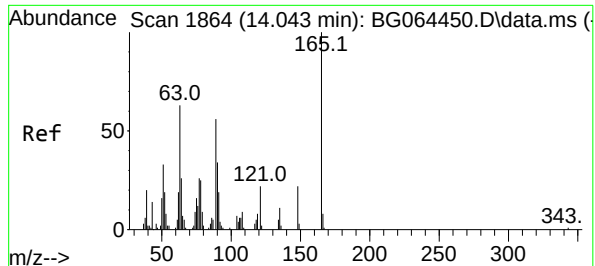
Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

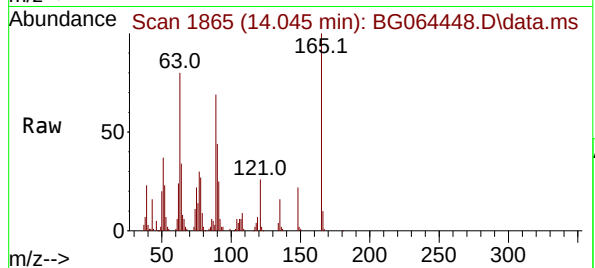
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 78.820 ng
RT: 14.045 min Scan# 1864
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

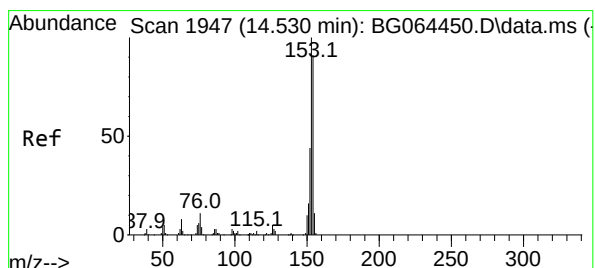
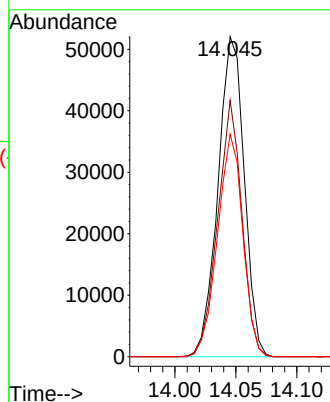
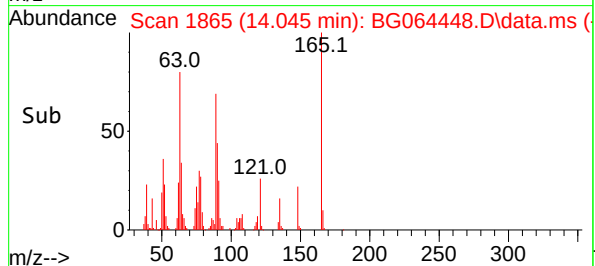
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 78012
Ion Ratio Lower Upper
165 100
63 80.1 50.6 75.8
89 69.5 44.6 67.0

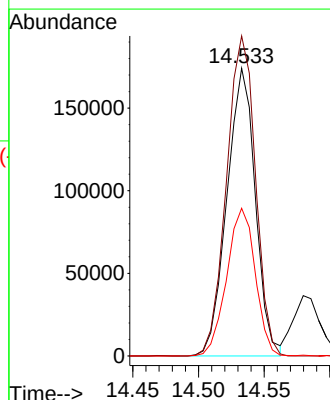
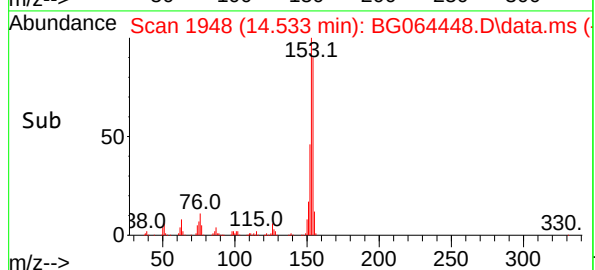
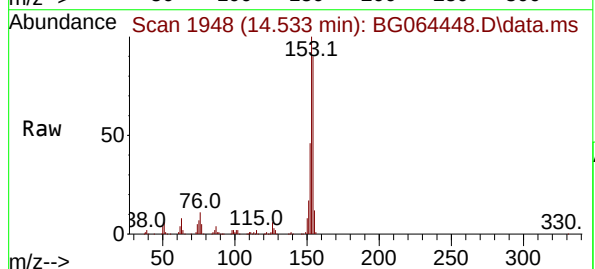
Manual Integrations
APPROVED

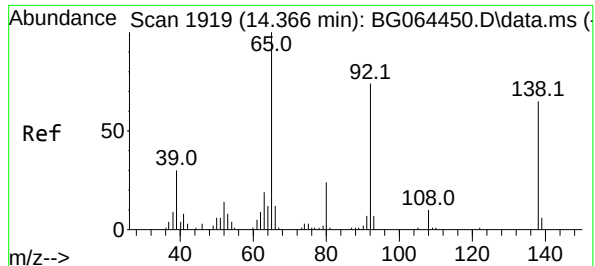
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 77.494 ng
RT: 14.533 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

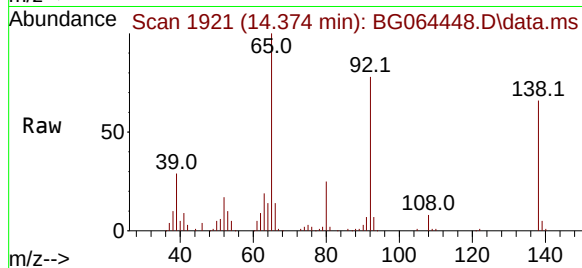
Tgt Ion:154 Resp: 262559
Ion Ratio Lower Upper
154 100
153 111.3 88.1 132.1
152 51.3 39.0 58.4





#53
3-Nitroaniline
Concen: 81.667 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

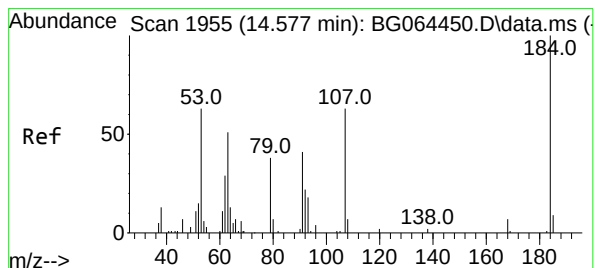
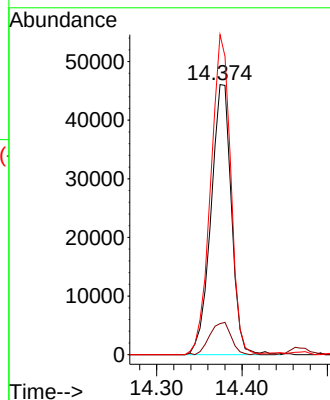
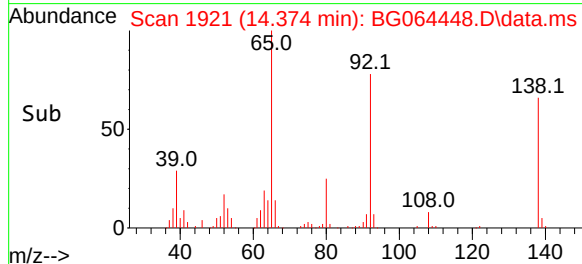
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 76592
Ion Ratio Lower Upper
138 100
108 11.5 12.4 18.6
92 118.5 91.0 136.6

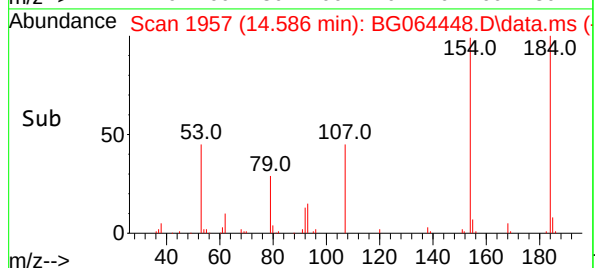
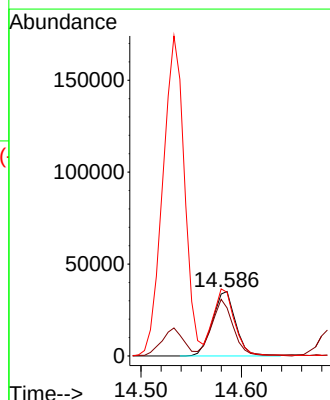
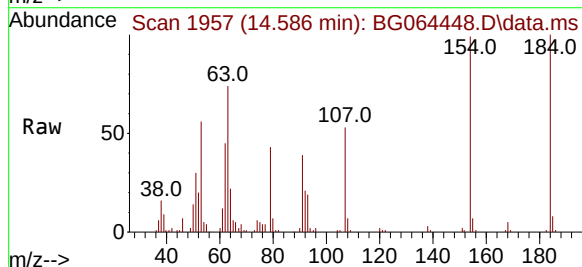
Manual Integrations
APPROVED

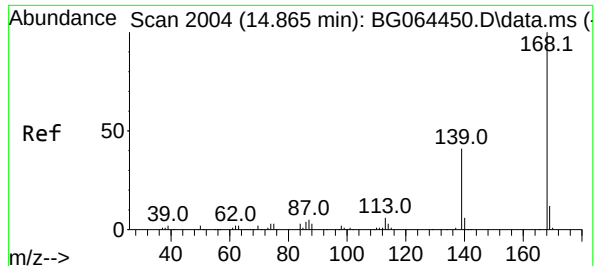
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 85.555 ng
RT: 14.586 min Scan# 1957
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

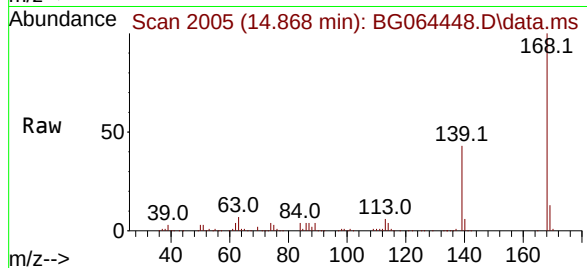
Tgt Ion:184 Resp: 56236
Ion Ratio Lower Upper
184 100
63 74.4 69.8 104.8
154 98.7 74.2 111.4





#55
Dibenzenofuran
Concen: 76.896 ng
RT: 14.868 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

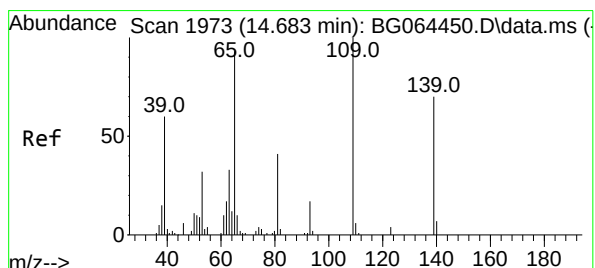
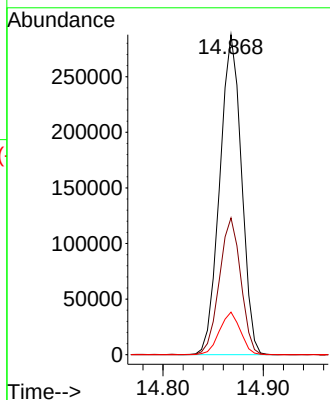
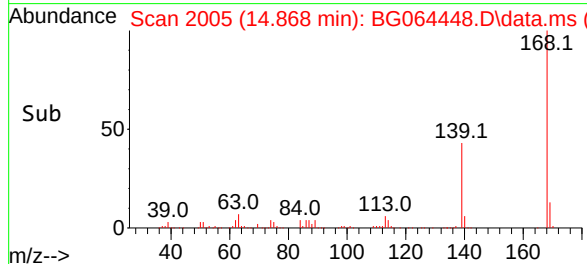
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 43197
Ion Ratio Lower Upper
168 100
139 42.8 33.3 49.9
169 13.3 9.9 14.9

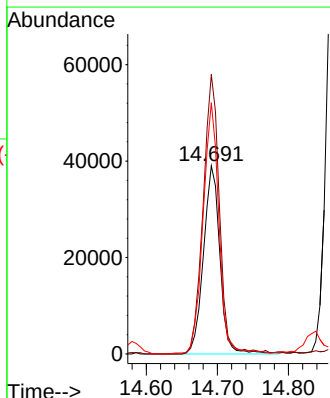
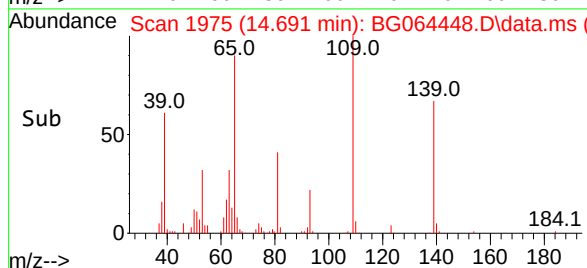
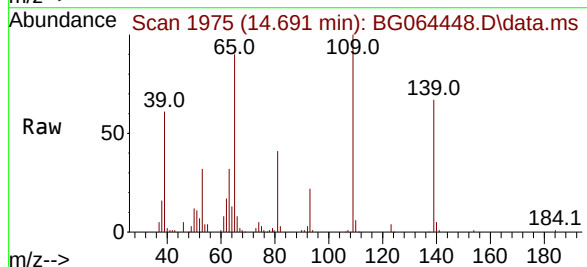
Manual Integrations
APPROVED

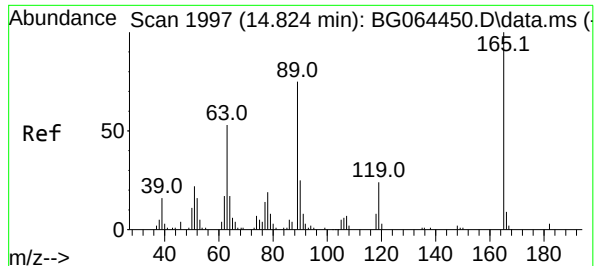
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 82.628 ng
RT: 14.691 min Scan# 1975
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

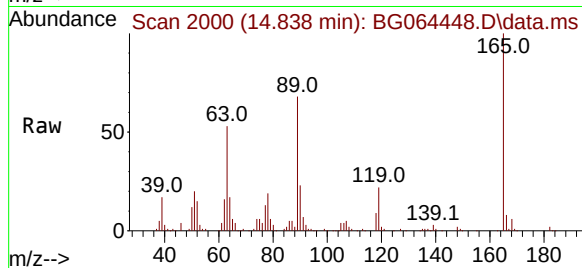
Tgt Ion:139 Resp: 62726
Ion Ratio Lower Upper
139 100
109 148.5 122.5 162.5
65 133.5 113.0 153.0





#57
2,4-Dinitrotoluene
Concen: 79.716 ng
RT: 14.838 min Scan# 20
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

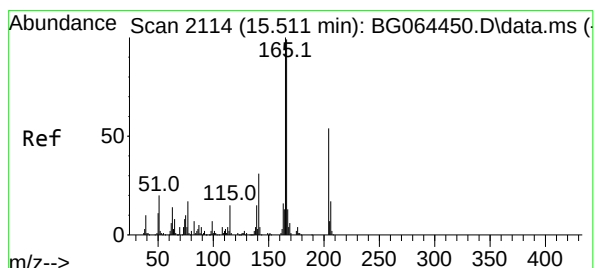
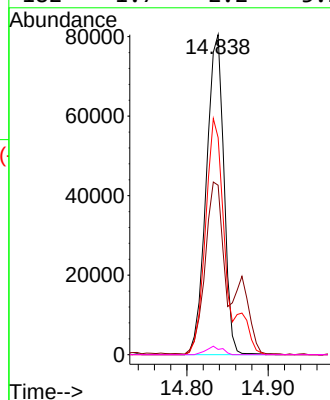
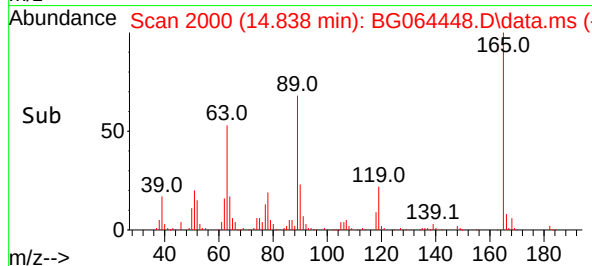
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 12044
Ion Ratio Lower Upper
165 100
63 52.9 42.6 63.8
89 67.8 59.7 89.5
182 1.7 2.2 3.2#

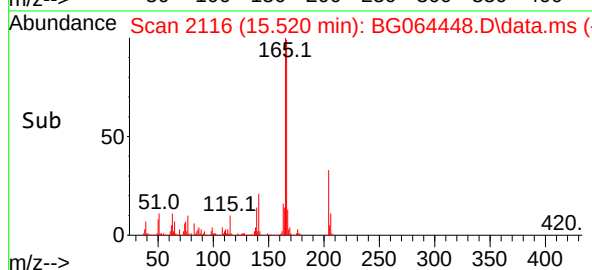
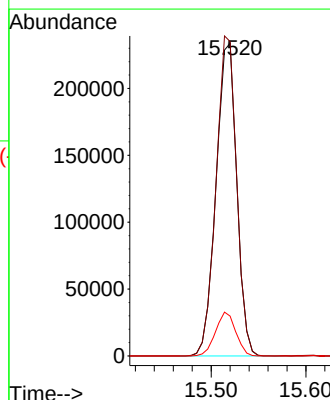
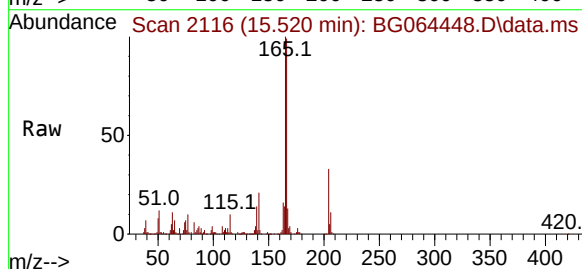
Manual Integrations
APPROVED

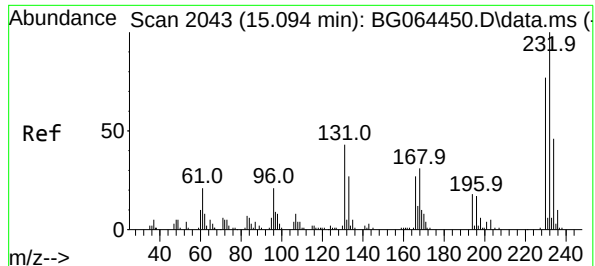
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 76.539 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

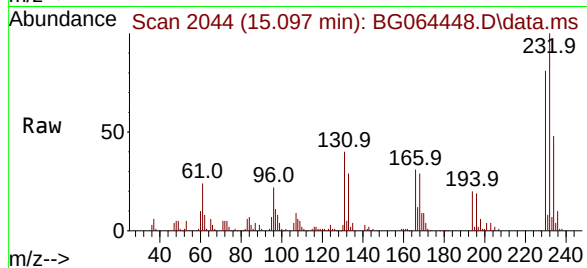
Tgt Ion:166 Resp: 354937
Ion Ratio Lower Upper
166 100
165 100.5 81.1 121.7
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.008 ng
RT: 15.097 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

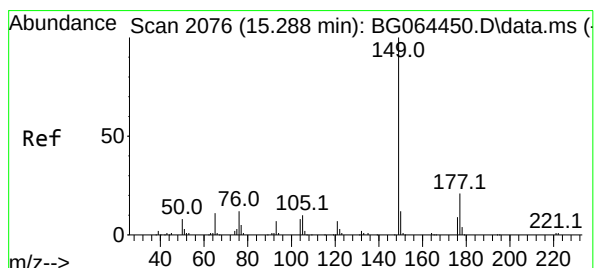
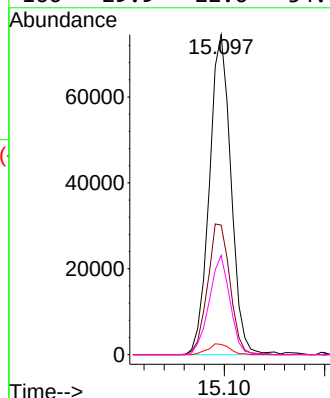
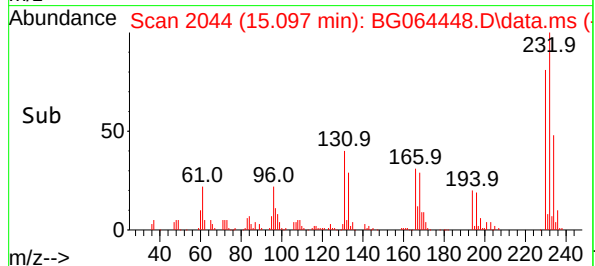
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 111624
Ion Ratio Lower Upper
232 100
131 42.4 34.3 51.5
130 3.4 2.3 3.5
166 29.9 22.6 34.0

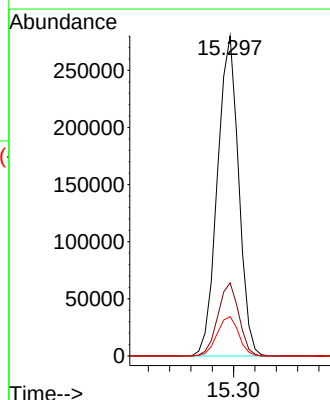
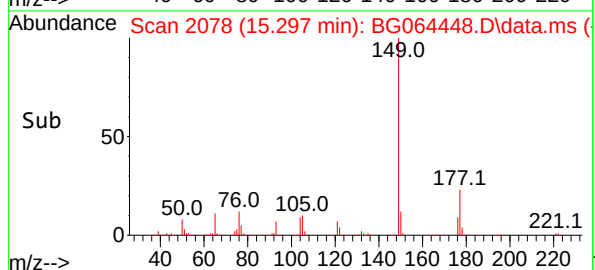
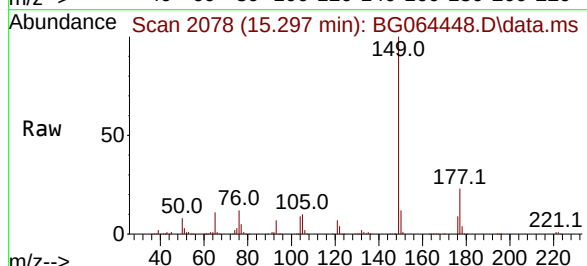
Manual Integrations
APPROVED

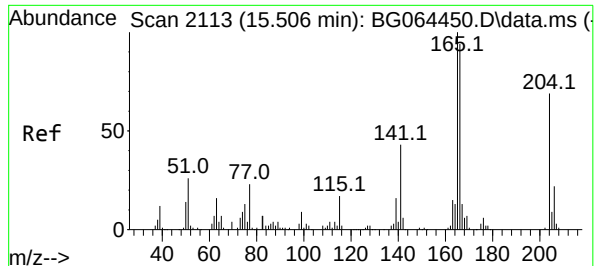
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#60
Diethylphthalate
Concen: 76.061 ng
RT: 15.297 min Scan# 2078
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

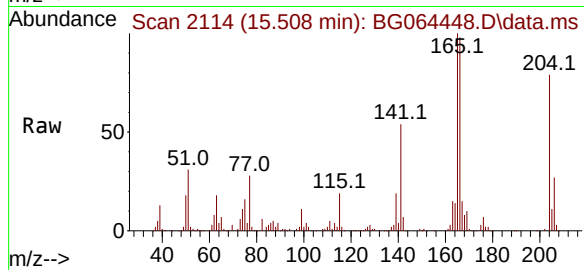
Tgt Ion:149 Resp: 386182
Ion Ratio Lower Upper
149 100
177 22.8 17.1 25.7
150 12.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 74.932 ng
RT: 15.508 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

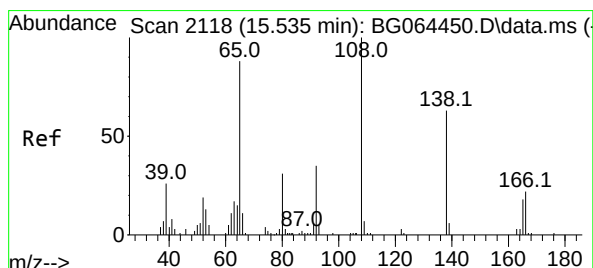
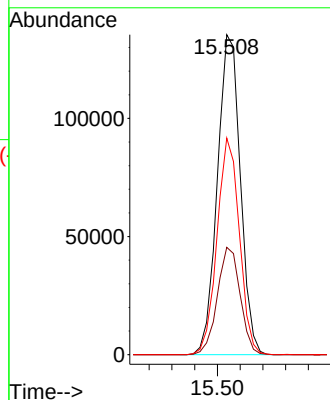
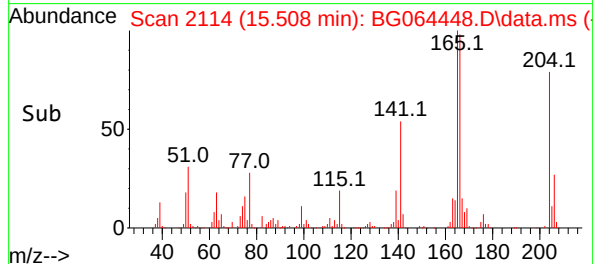
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 189750
Ion Ratio Lower Upper
204 100
206 33.6 25.0 37.6
141 67.7 49.7 74.5

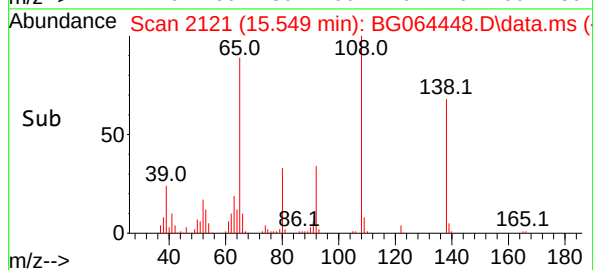
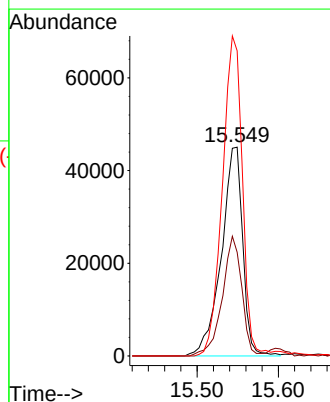
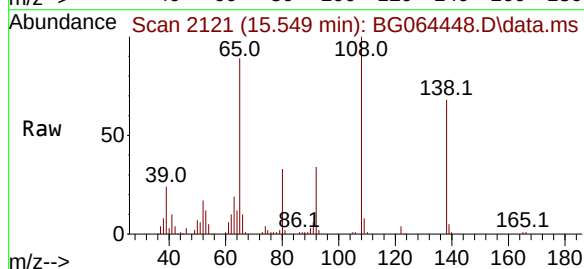
Manual Integrations
APPROVED

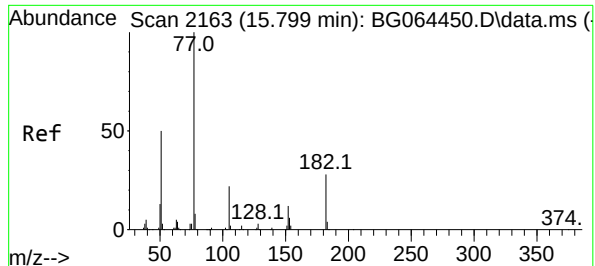
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 82.122 ng
RT: 15.549 min Scan# 2121
Delta R.T. 0.014 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

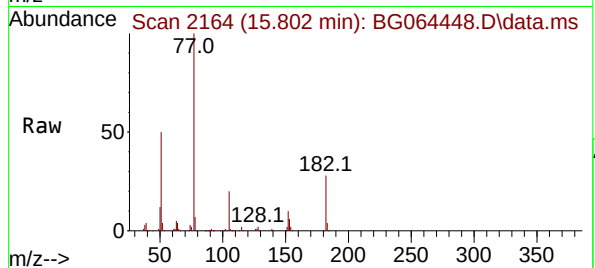
Tgt Ion:138 Resp: 82584
Ion Ratio Lower Upper
138 100
92 49.7 35.0 75.0
108 146.1 137.5 177.5





#63
Azobenzene
Concen: 76.600 ng
RT: 15.802 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

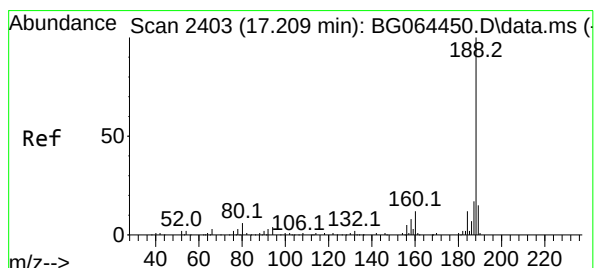
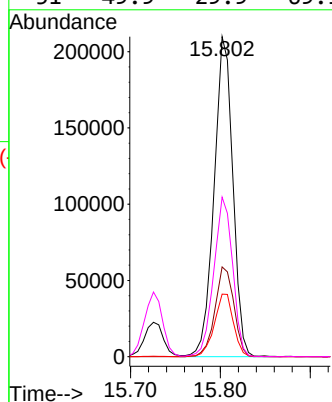
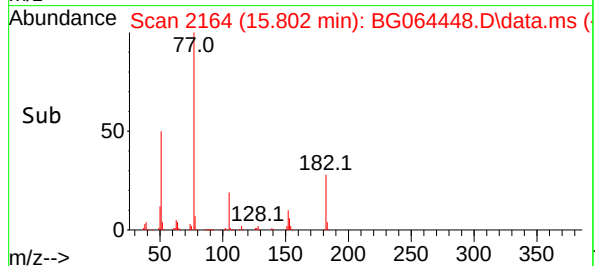
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 304330
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 19.6 1.9 41.9
51 49.9 29.9 69.9

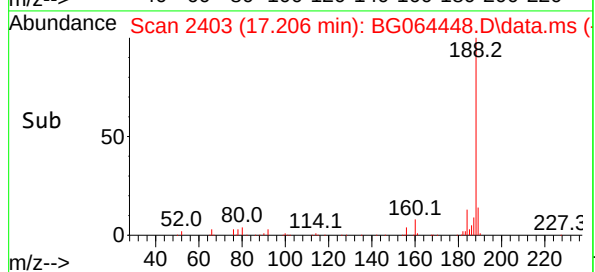
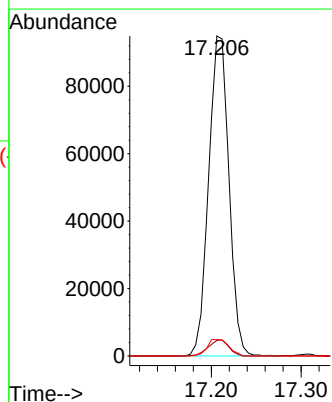
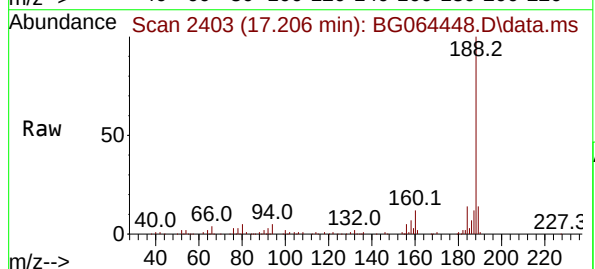
Manual Integrations
APPROVED

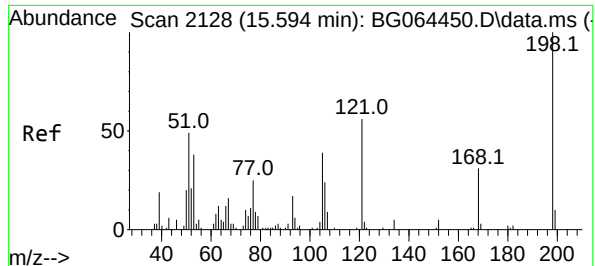
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

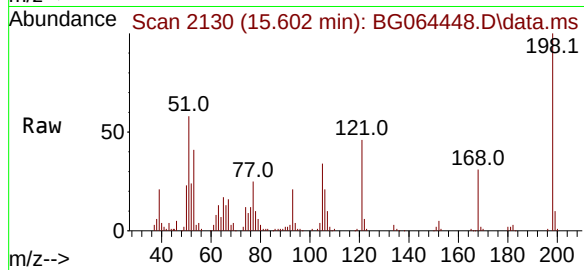
Tgt Ion:188 Resp: 148886
Ion Ratio Lower Upper
188 100
94 4.8 3.0 4.4#
80 5.1 4.9 7.3





#65
4,6-Dinitro-2-methylphenol
Concen: 83.141 ng
RT: 15.602 min Scan# 2112
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

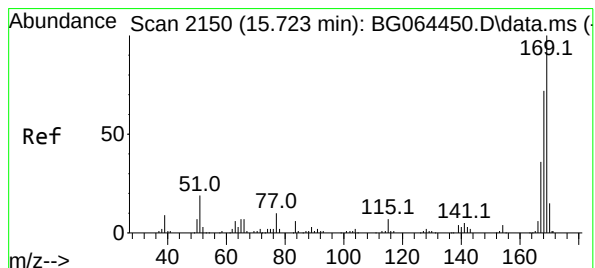
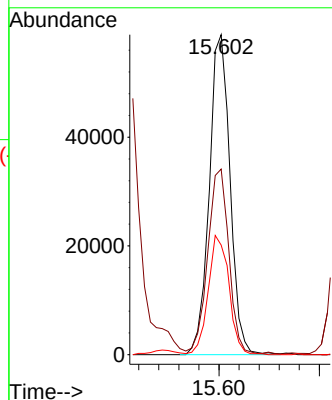
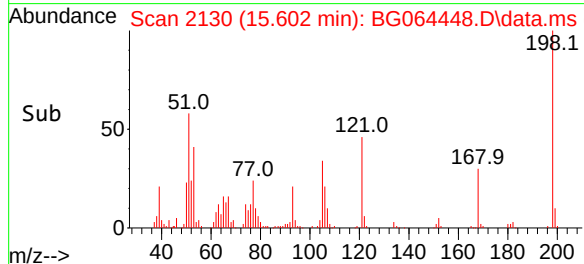
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:198 Resp: 84794
Ion Ratio Lower Upper
198 100
51 58.0 30.8 70.8
105 34.3 19.3 59.3

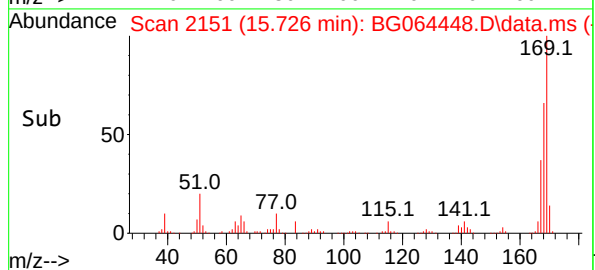
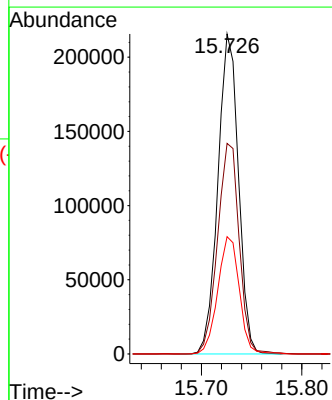
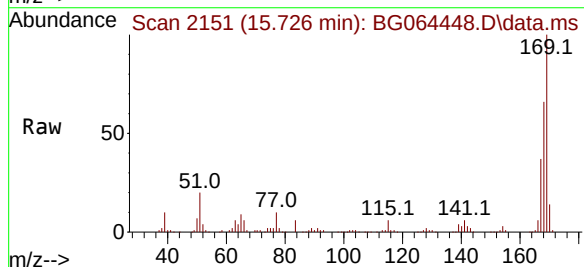
Manual Integrations
APPROVED

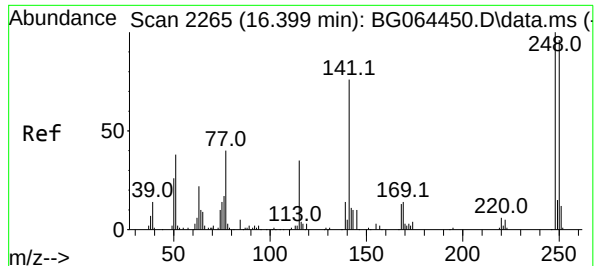
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 77.020 ng
RT: 15.726 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

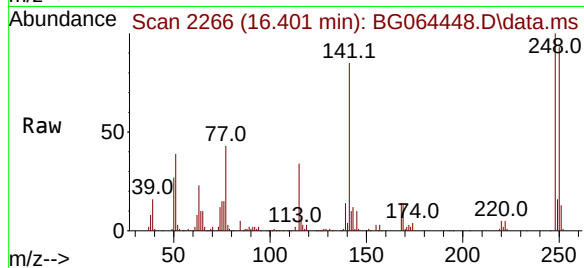
Tgt Ion:169 Resp: 305998
Ion Ratio Lower Upper
169 100
168 65.8 57.7 86.5
167 36.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 77.810 ng
RT: 16.401 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

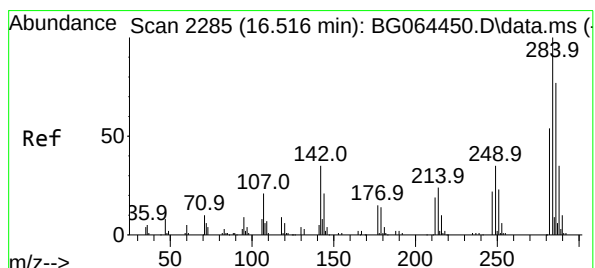
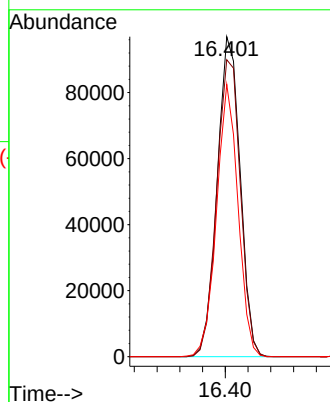
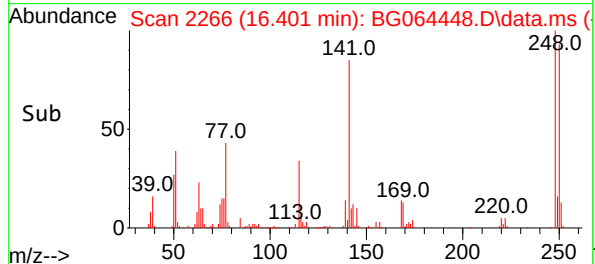
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



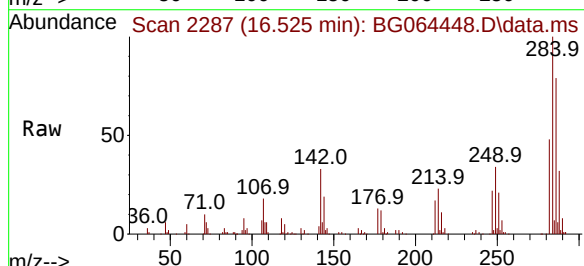
Tgt Ion:248 Resp: 135740
Ion Ratio Lower Upper
248 100
250 92.8 77.0 115.6
141 85.1 61.1 91.7

Manual Integrations
APPROVED

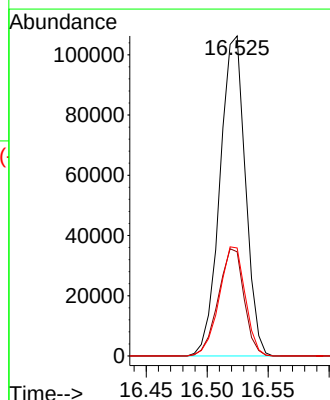
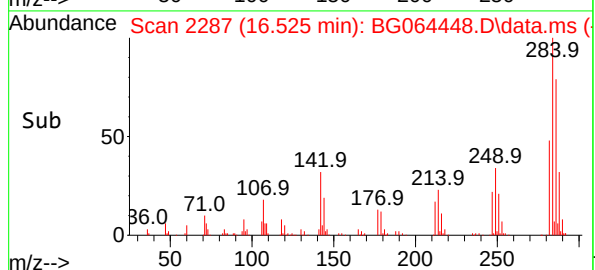
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

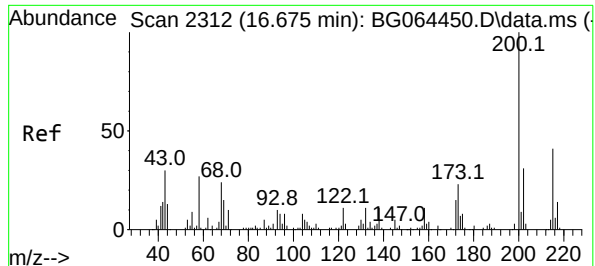


#68
Hexachlorobenzene
Concen: 77.660 ng
RT: 16.525 min Scan# 2287
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



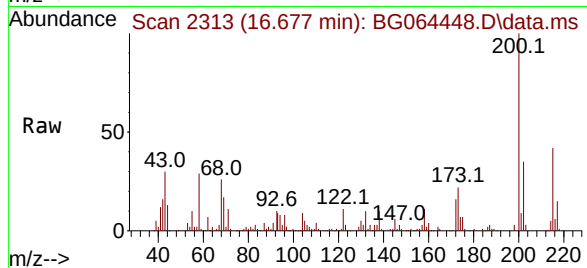
Tgt Ion:284 Resp: 154180
Ion Ratio Lower Upper
284 100
142 32.6 27.9 41.9
249 33.8 27.7 41.5





#69
Atrazine
Concen: 75.110 ng
RT: 16.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

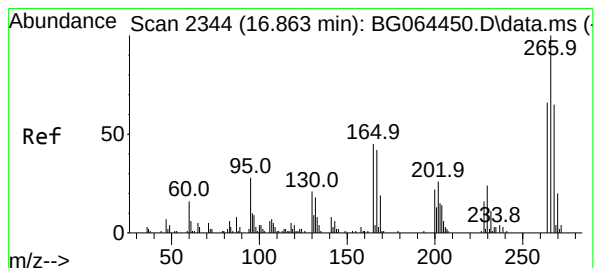
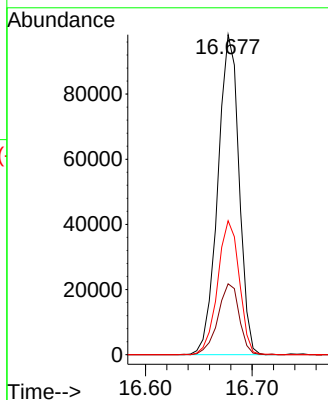
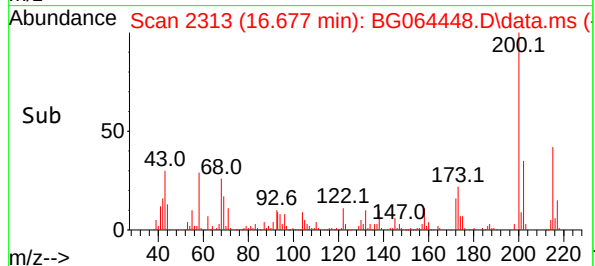
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



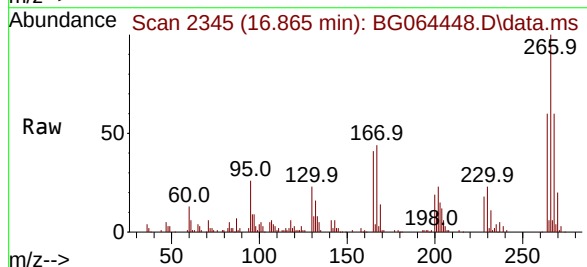
Tgt Ion:200 Resp: 135579
Ion Ratio Lower Upper
200 100
173 22.2 2.9 42.9
215 41.9 21.1 61.1

Manual Integrations
APPROVED

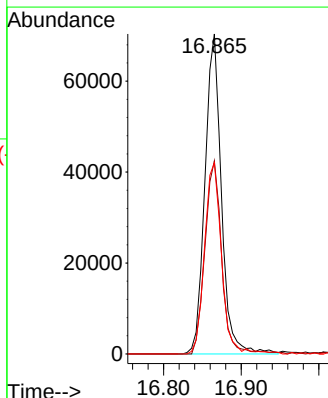
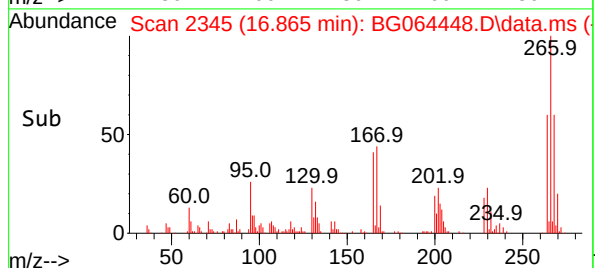
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

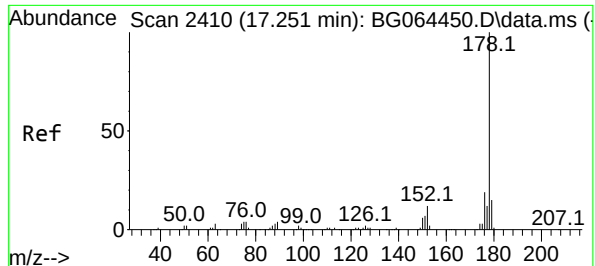


#70
Pentachlorophenol
Concen: 86.841 ng
RT: 16.865 min Scan# 2345
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44



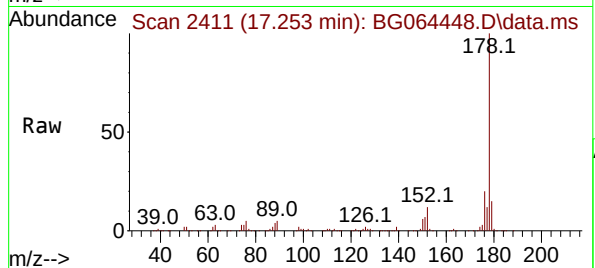
Tgt Ion:266 Resp: 104048
Ion Ratio Lower Upper
266 100
268 60.4 51.9 77.9
264 59.8 52.4 78.6





#71
Phenanthrene
Concen: 77.462 ng
RT: 17.253 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

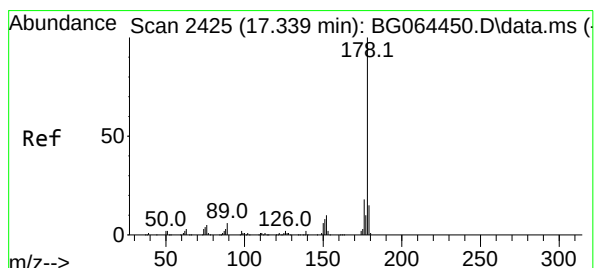
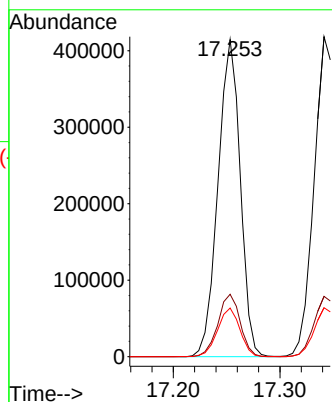
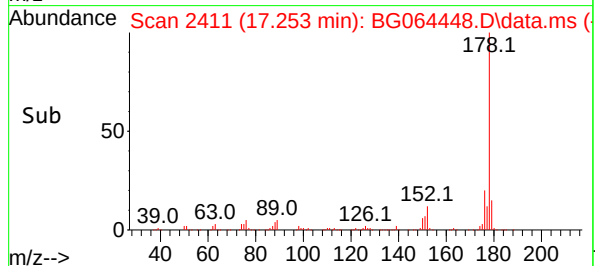
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 599449
Ion Ratio Lower Upper
178 100
176 19.7 14.9 22.3
179 15.4 12.4 18.6

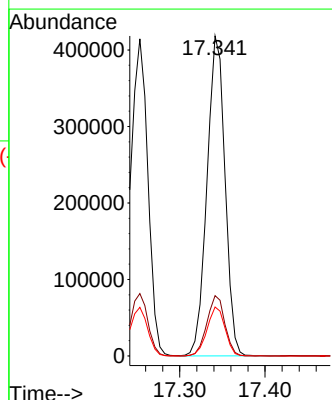
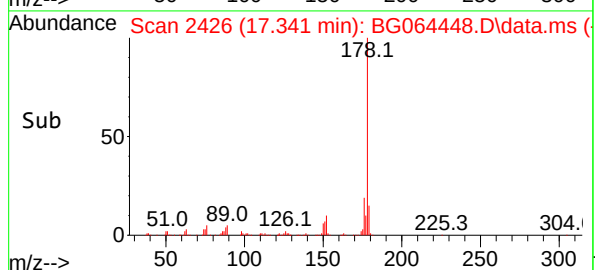
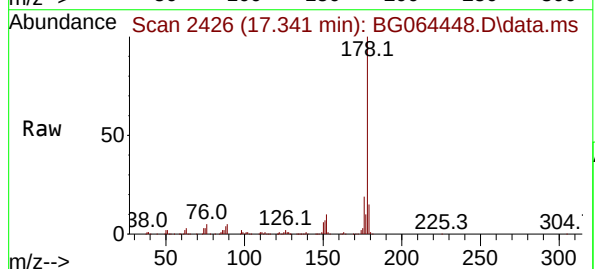
Manual Integrations
APPROVED

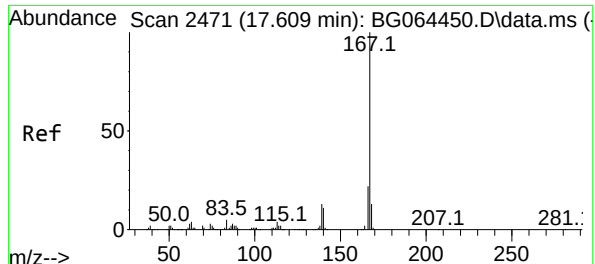
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 77.972 ng
RT: 17.341 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

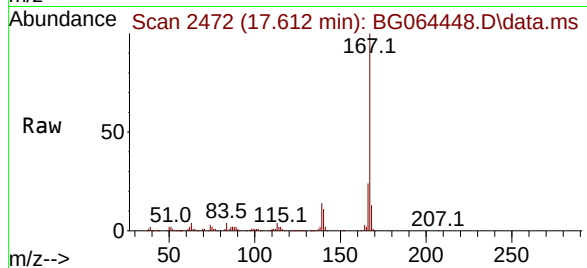
Tgt Ion:178 Resp: 614451
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 15.3 11.9 17.9





#73
Carbazole
Concen: 77.415 ng
RT: 17.612 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

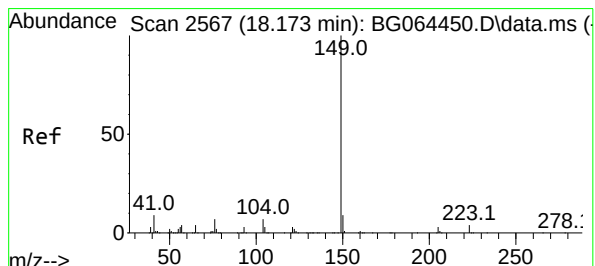
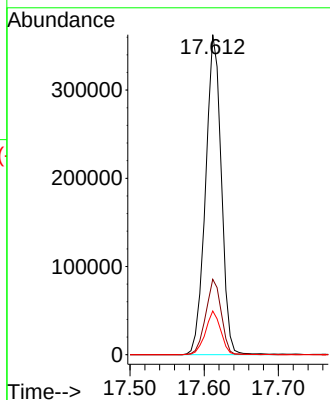
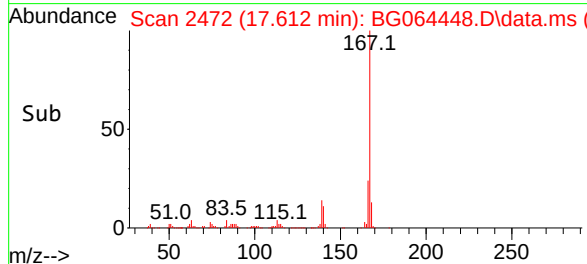
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:167 Resp: 53520
Ion Ratio Lower Upper
167 100
166 23.5 17.4 26.2
139 13.7 10.2 15.2

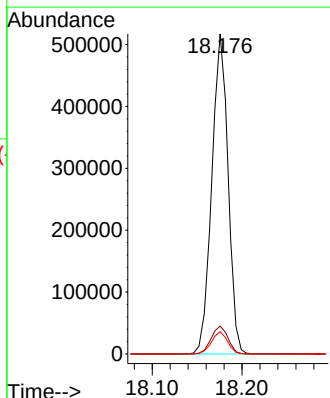
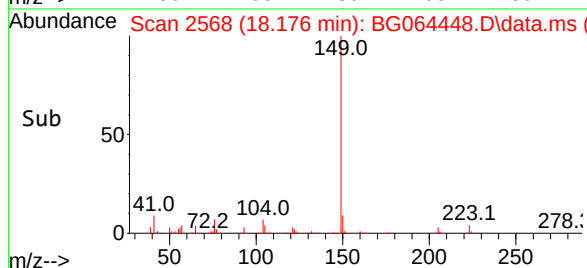
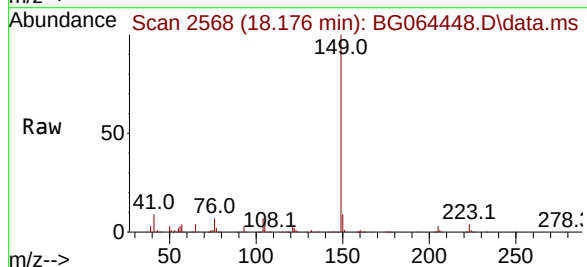
Manual Integrations
APPROVED

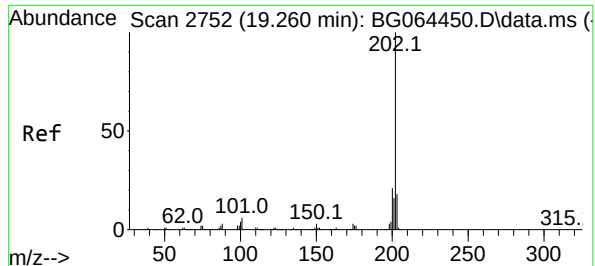
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 76.797 ng
RT: 18.176 min Scan# 2568
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

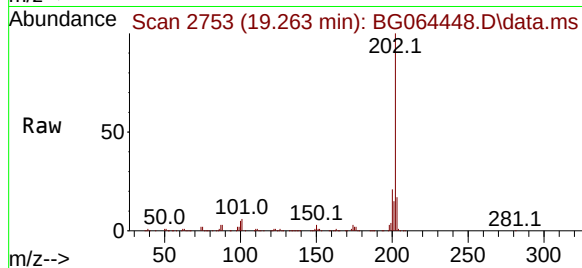
Tgt Ion:149 Resp: 649439
Ion Ratio Lower Upper
149 100
150 8.7 7.3 10.9
104 7.0 5.8 8.8





#75
Fluoranthene
Concen: 76.151 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

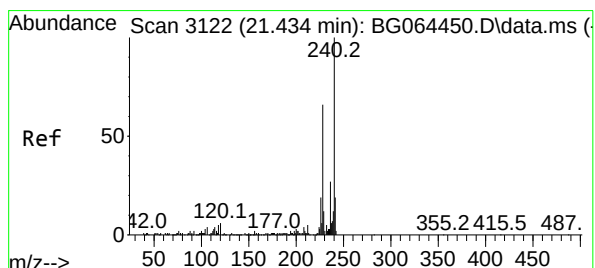
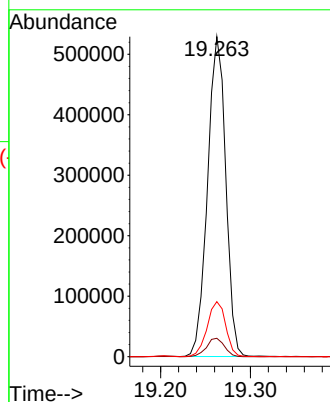
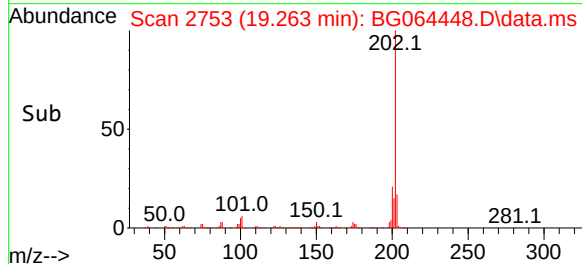
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 744160
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.6
203 17.2 0.0 37.7

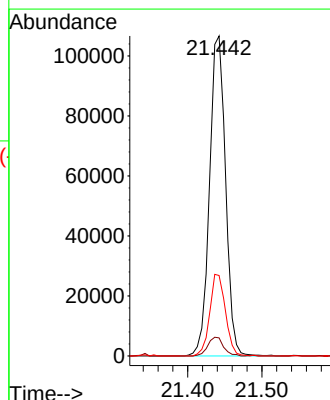
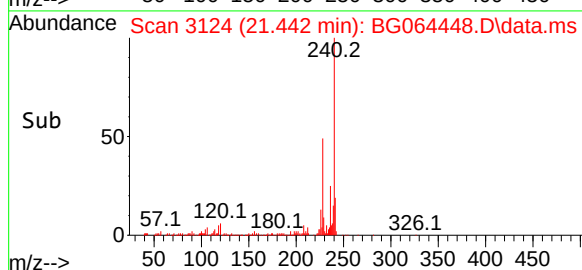
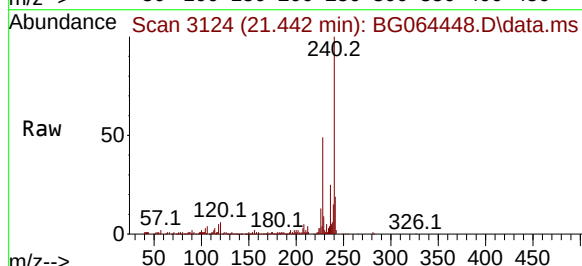
Manual Integrations
APPROVED

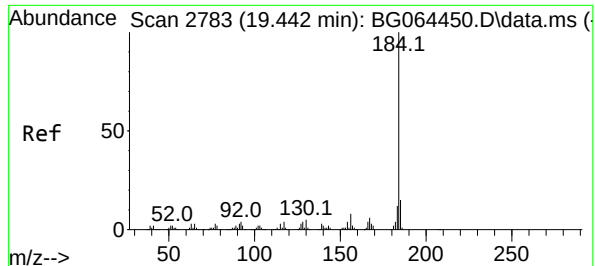
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.442 min Scan# 3124
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

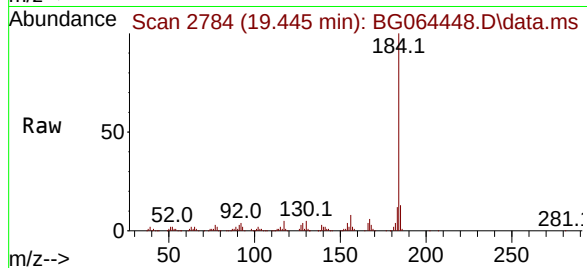
Tgt Ion:240 Resp: 160340
Ion Ratio Lower Upper
240 100
120 5.6 5.0 7.4
236 25.1 21.9 32.9





#77
Benzidine
Concen: 61.724 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

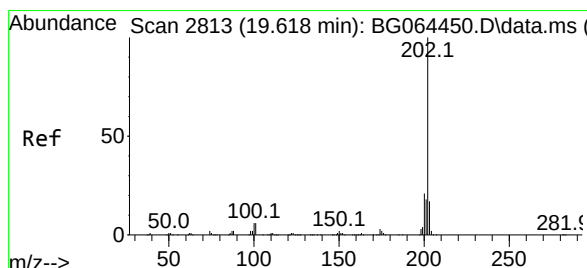
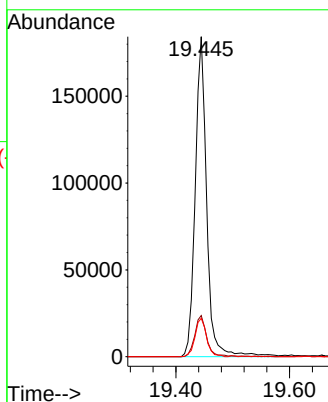
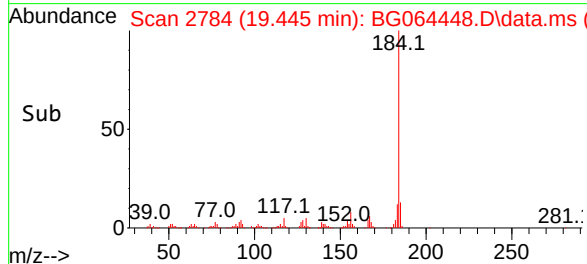
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 25912
Ion Ratio Lower Upper
184 100
185 12.9 11.7 17.5
183 12.0 10.0 15.0

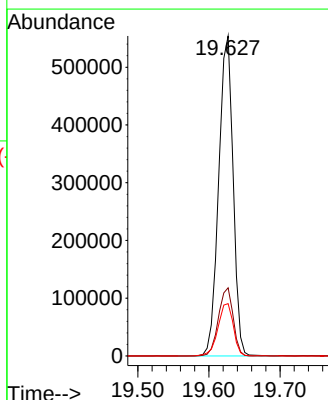
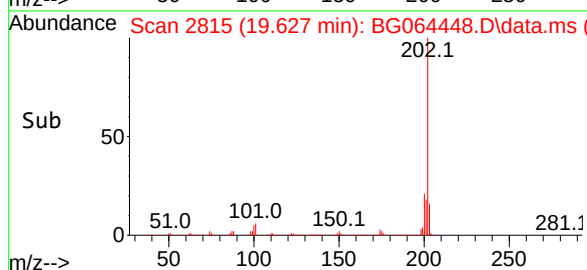
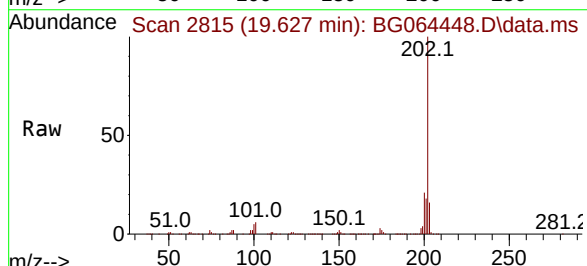
Manual Integrations
APPROVED

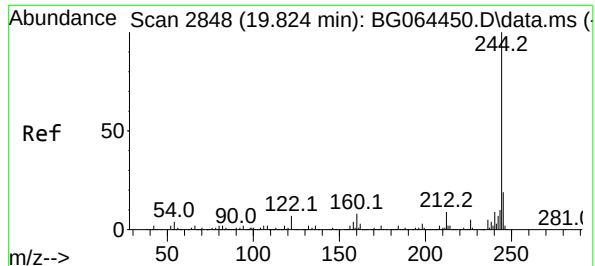
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 78.076 ng
RT: 19.627 min Scan# 2815
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

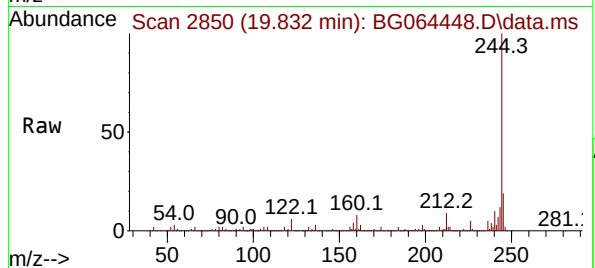
Tgt Ion:202 Resp: 776775
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 16.4 13.8 20.6





#79
Terphenyl-d14
Concen: 154.896 ng
RT: 19.832 min Scan# 2848
Delta R.T. 0.008 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

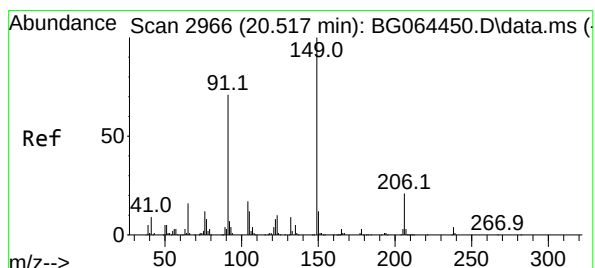
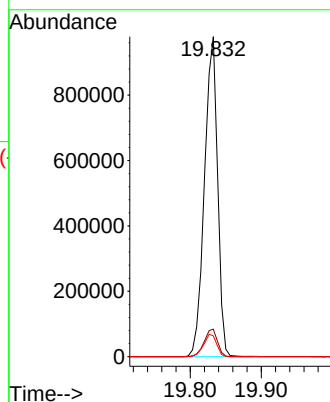
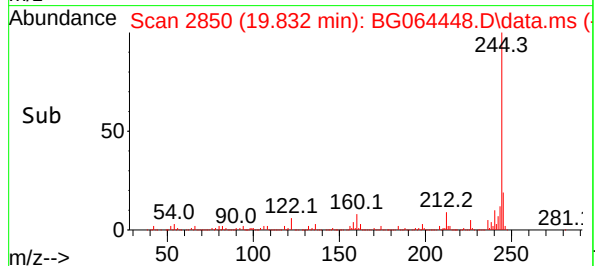
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:244 Resp: 125988
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 6.5 5.7 8.5

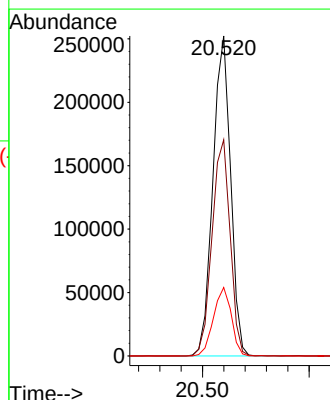
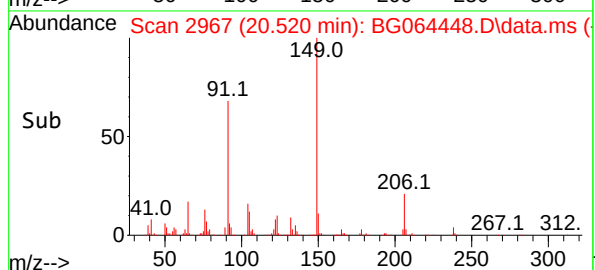
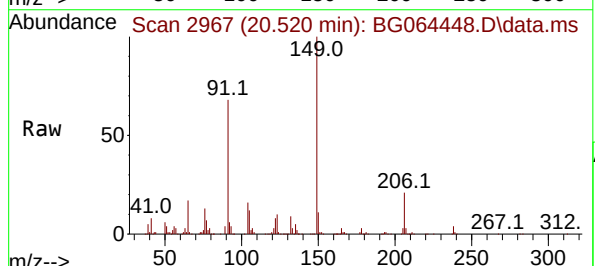
Manual Integrations
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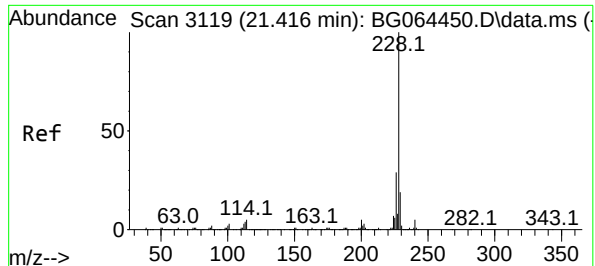
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 77.974 ng
RT: 20.520 min Scan# 2967
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

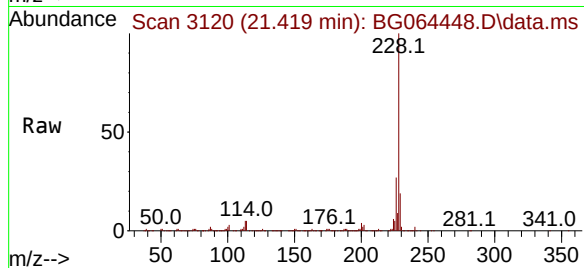
Tgt Ion:149 Resp: 289955
Ion Ratio Lower Upper
149 100
91 67.6 56.6 84.8
206 21.4 16.8 25.2





#81
Benzo(a)anthracene
Concen: 78.427 ng
RT: 21.419 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

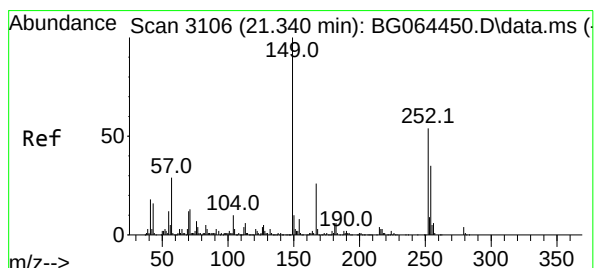
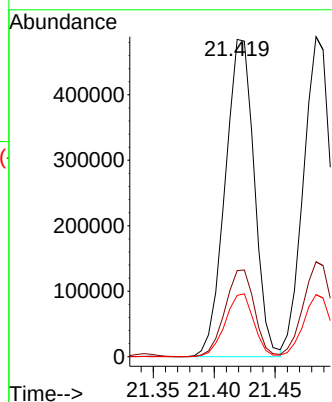
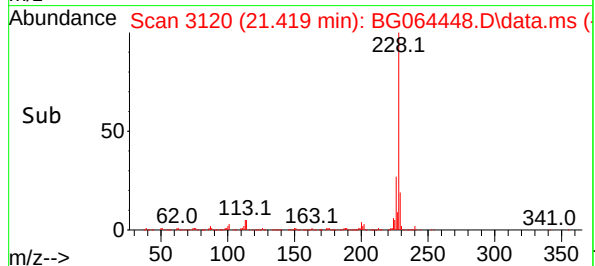
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 805149
Ion Ratio Lower Upper
228 100
226 27.2 23.0 34.6
229 19.3 15.1 22.7

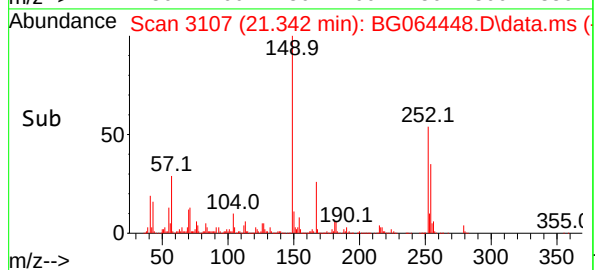
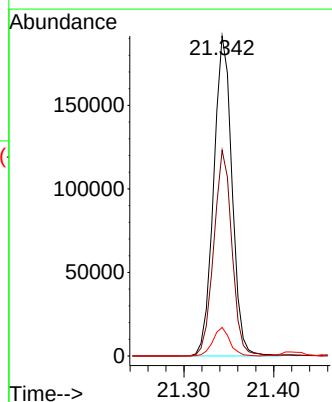
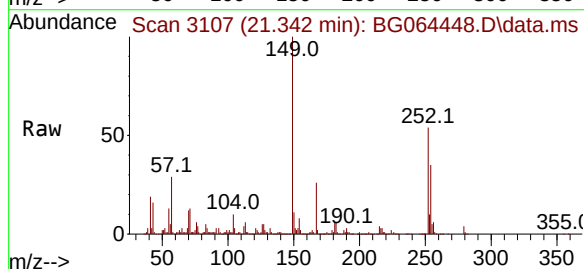
Manual Integrations
APPROVED

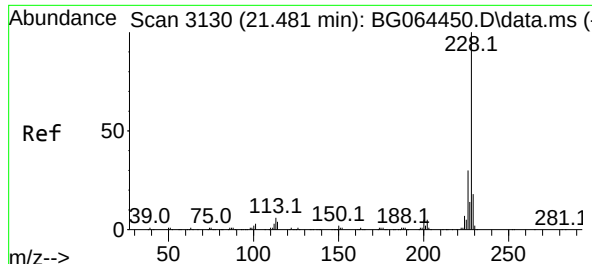
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.951 ng
RT: 21.342 min Scan# 3107
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:252 Resp: 271691
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.8
126 8.9 5.9 8.9#





#83

Chrysene

Concen: 78.546 ng

RT: 21.483 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 763679

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

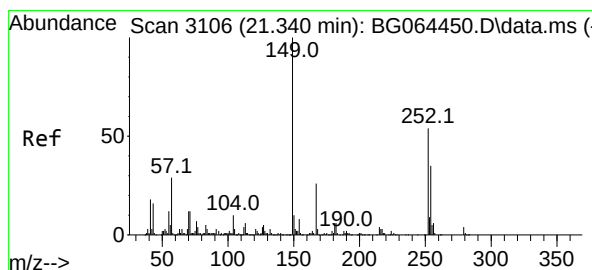
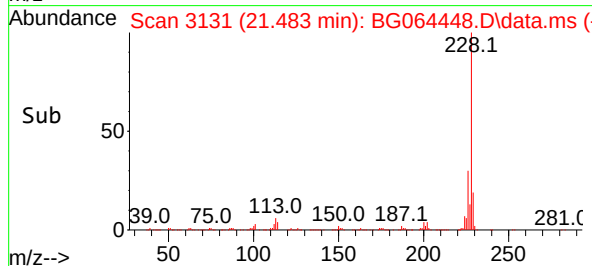
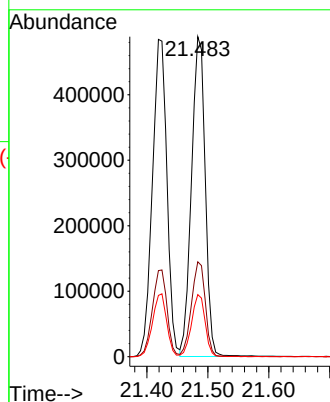
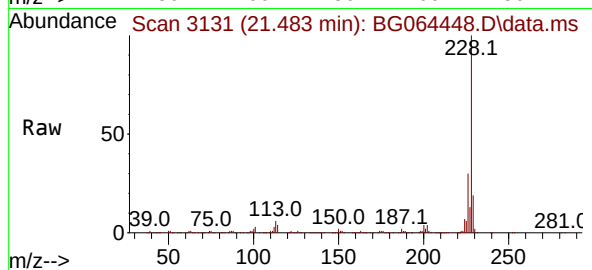
229 19.4 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.343 ng

RT: 21.342 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

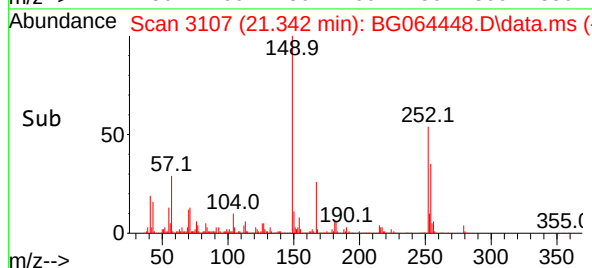
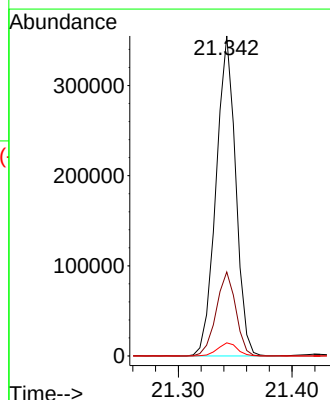
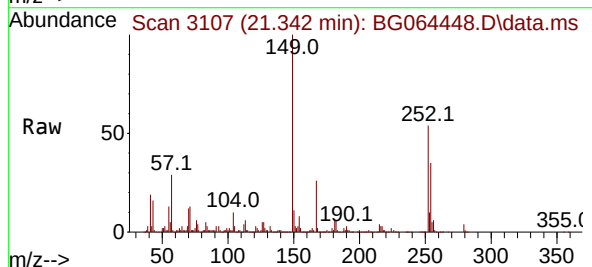
Tgt Ion:149 Resp: 425021

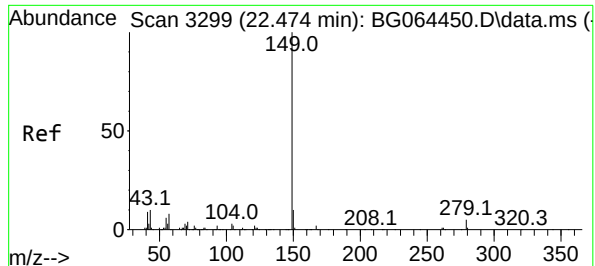
Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

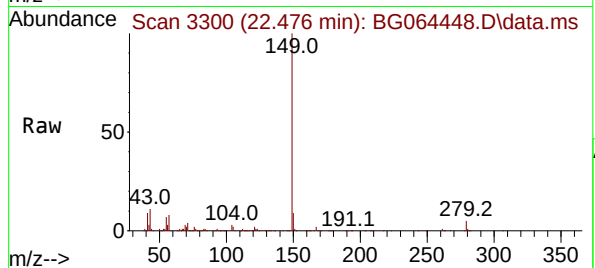
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 78.213 ng
RT: 22.476 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

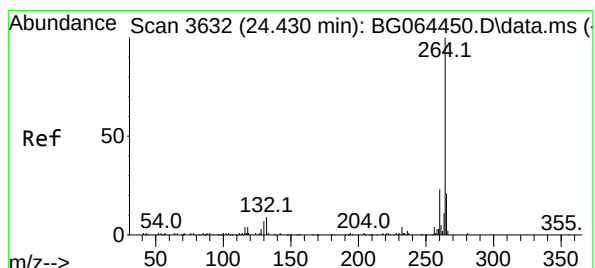
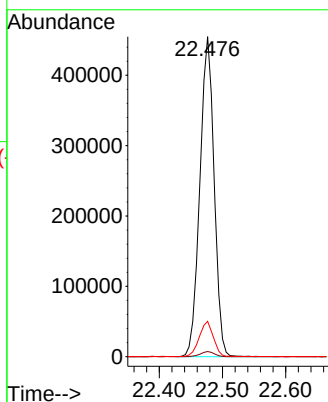
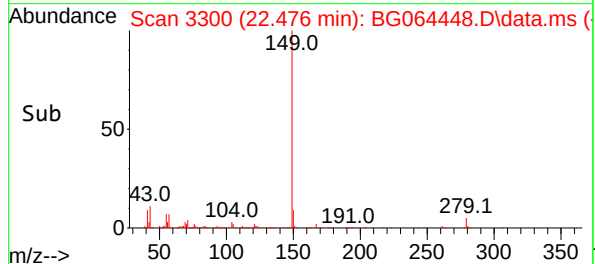
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 712190
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.1 8.8 13.2

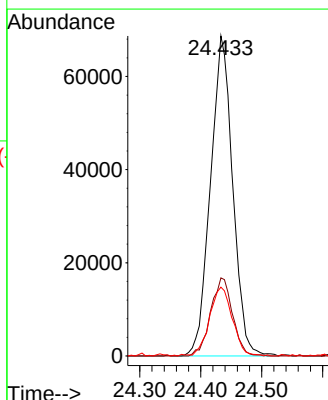
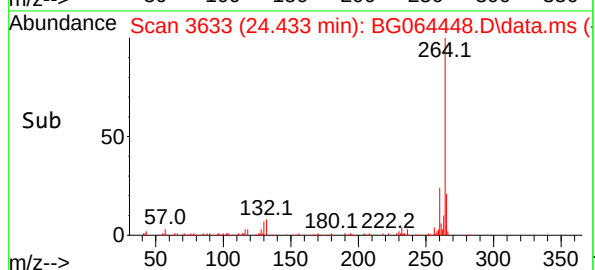
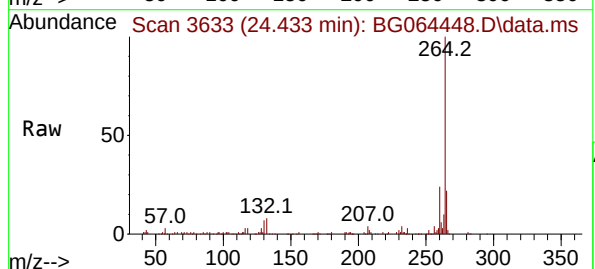
Manual Integrations
APPROVED

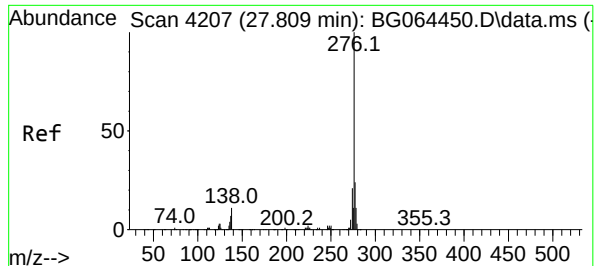
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3633
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

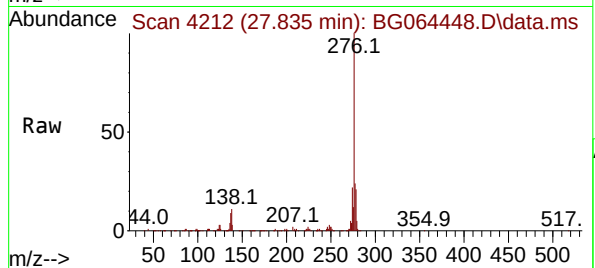
Tgt Ion:264 Resp: 174344
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 77.678 ng
RT: 27.835 min Scan# 41
Delta R.T. 0.026 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

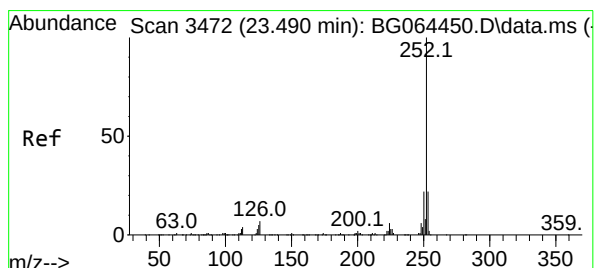
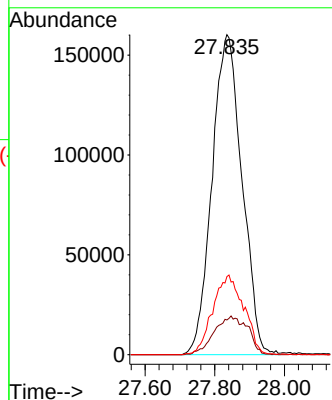
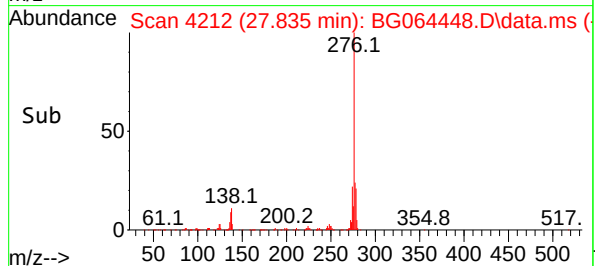
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 95714
Ion Ratio Lower Upper
276 100
138 13.5 10.3 15.5
277 25.8 19.2 28.8

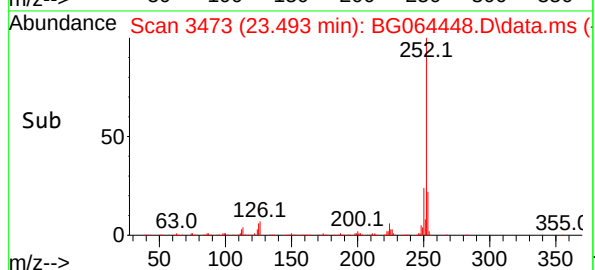
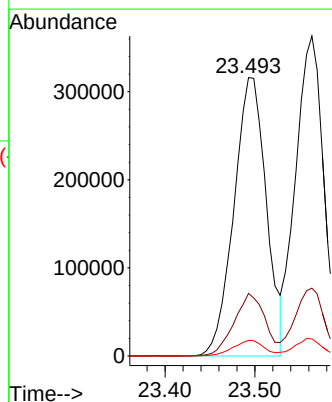
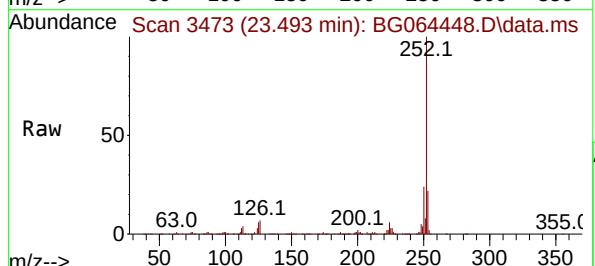
Manual Integrations
APPROVED

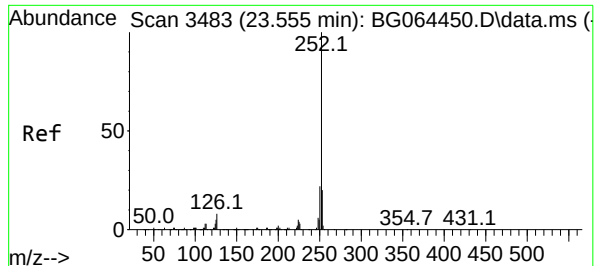
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 79.295 ng
RT: 23.493 min Scan# 3473
Delta R.T. 0.003 min
Lab File: BG064448.D
Acq: 25 Sep 2025 16:44

Tgt Ion:252 Resp: 792510
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 77.992 ng

RT: 23.563 min Scan# 34

Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

Instrument :

BNA_G

ClientSampleId :

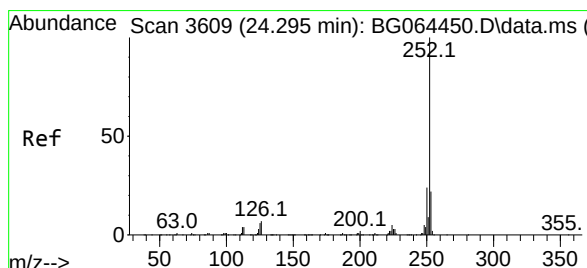
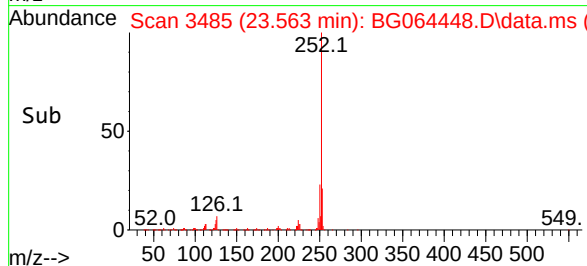
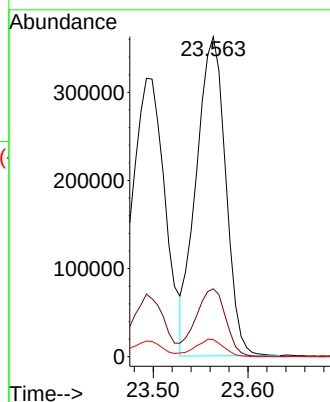
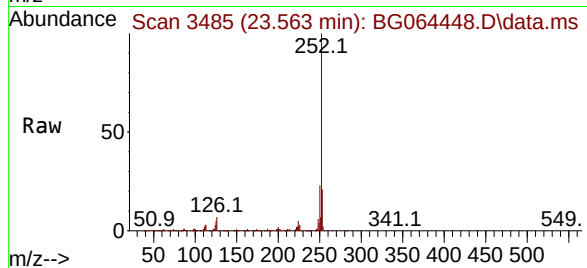
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	24.8
125	5.4	4.4	6.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 78.017 ng

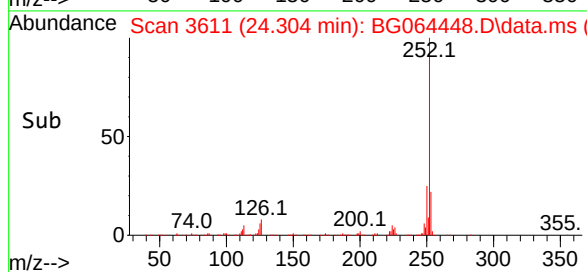
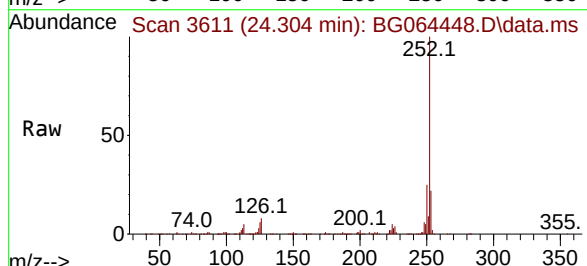
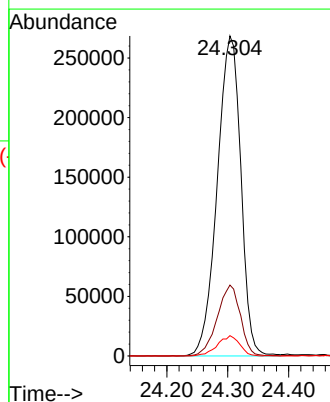
RT: 24.304 min Scan# 3611

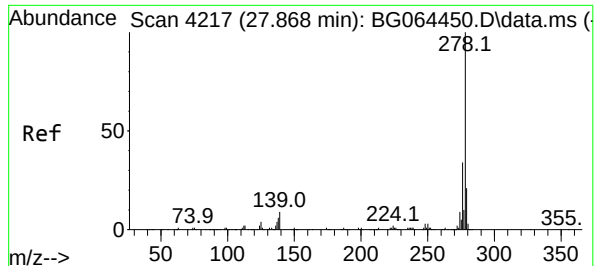
Delta R.T. 0.008 min

Lab File: BG064448.D

Acq: 25 Sep 2025 16:44

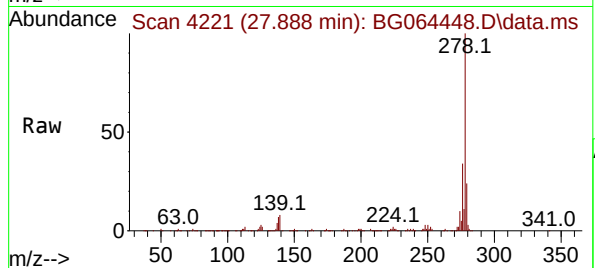
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	6.3	4.6	7.0





#91
 Dibenzo(a,h)anthracene
 Concen: 77.983 ng
 RT: 27.888 min Scan# 41
 Delta R.T. 0.020 min
 Lab File: BG064448.D
 Acq: 25 Sep 2025 16:44

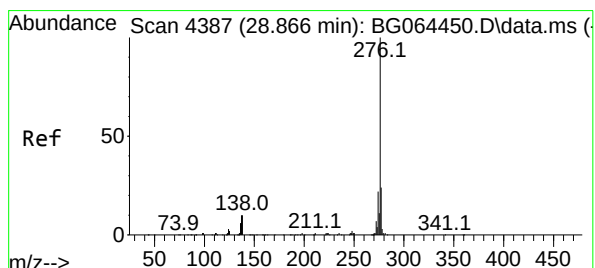
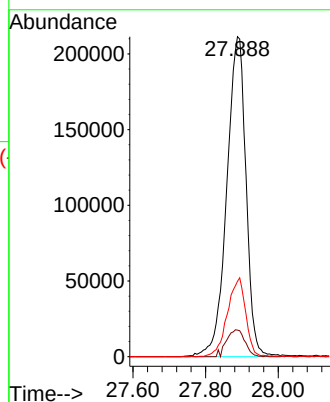
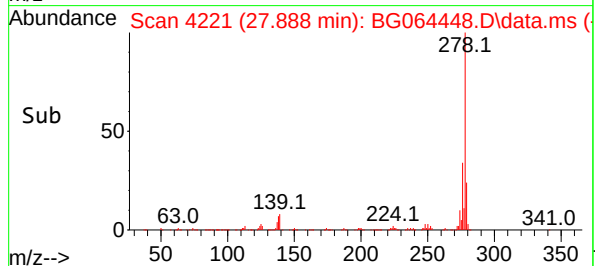
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080



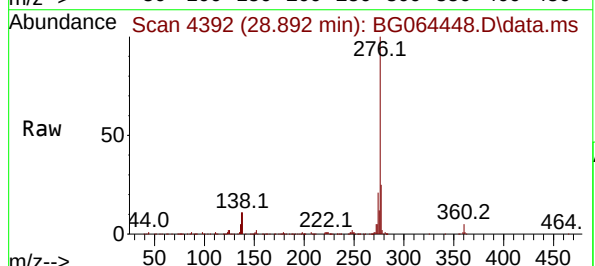
Tgt Ion:278 Resp: 77899
 Ion Ratio Lower Upper
 278 100
 139 8.3 6.9 10.3
 279 23.6 17.2 25.8

Manual Integrations
 APPROVED

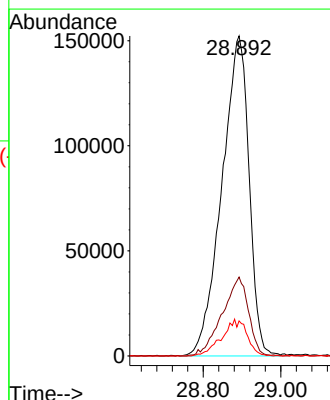
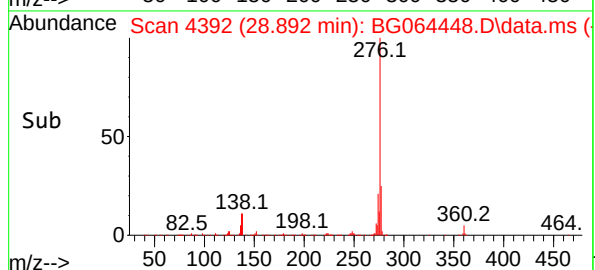
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025



#92
 Benzo(g,h,i)perylene
 Concen: 77.248 ng
 RT: 28.892 min Scan# 4392
 Delta R.T. 0.026 min
 Lab File: BG064448.D
 Acq: 25 Sep 2025 16:44



Tgt Ion:276 Resp: 741087
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.3 28.9
 138 11.0 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064449.D
 Acq On : 25 Sep 2025 18:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:47:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	16924	20.000	ng	-0.02
21) Naphthalene-d8	10.620	136	71830	20.000	ng	# 0.00
39) Acenaphthene-d10	14.462	164	55068	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	142229	20.000	ng	# 0.00
76) Chrysene-d12	21.431	240	161277	20.000	ng	0.00
86) Perylene-d12	24.433	264	174618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.420	112	17279	19.510	ng	0.00
7) Phenol-d6	7.000	99	22731	18.735	ng	0.00
23) Nitrobenzene-d5	8.980	82	25781	19.451	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	18577	19.324	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	72513	19.444	ng	0.00
79) Terphenyl-d14	19.821	244	159040	19.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	3541	9.528	ng	94
3) Pyridine	3.728	79	8563	8.547	ng	# 85
4) n-Nitrosodimethylamine	3.646	42	6664	8.707	ng	# 98
6) Aniline	7.159	93	14914	9.492	ng	98
8) 2-Chlorophenol	7.406	128	10643	9.606	ng	100
9) Benzaldehyde	6.977	77	8571	8.299	ng	92
10) Phenol	7.030	94	12673	9.647	ng	93
11) bis(2-Chloroethyl)ether	7.259	93	8266	9.371	ng	92
12) 1,3-Dichlorobenzene	7.717	146	12631	10.170	ng	90
13) 1,4-Dichlorobenzene	7.870	146	12496	9.850	ng	# 90
14) 1,2-Dichlorobenzene	8.181	146	11602	9.650	ng	97
15) Benzyl Alcohol	8.070	79	10636	9.303	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.352	45	15292	9.942	ng	97
17) 2-Methylphenol	8.275	107	9194	9.688	ng	96
18) Hexachloroethane	8.910	117	4683	9.784	ng	93
19) n-Nitroso-di-n-propyla...	8.634	70	8035	9.798	ng	# 94
20) 3+4-Methylphenols	8.604	107	13096	9.816	ng	88
22) Acetophenone	8.646	105	16946	9.854	ng	# 96
24) Nitrobenzene	9.022	77	13047	10.085	ng	# 85
25) Isophorone	9.544	82	24345	9.927	ng	99
26) 2-Nitrophenol	9.738	139	5873	9.222	ng	# 90
27) 2,4-Dimethylphenol	9.797	122	9996	9.732	ng	88
28) bis(2-Chloroethoxy)met...	10.032	93	12113	9.561	ng	94
29) 2,4-Dichlorophenol	10.273	162	10831	9.162	ng	92
30) 1,2,4-Trichlorobenzene	10.485	180	12395	9.803	ng	91
31) Naphthalene	10.673	128	37178	9.914	ng	98
32) Benzoic acid	9.897	122	6402m	8.424	ng	
33) 4-Chloroaniline	10.784	127	13478	9.825	ng	96
34) Hexachlorobutadiene	10.960	225	10211	9.480	ng	92
35) Caprolactam	11.530	113	3797	9.735	ng	# 70
36) 4-Chloro-3-methylphenol	11.906	107	13772	9.829	ng	95
37) 2-Methylnaphthalene	12.282	142	27371	9.666	ng	96
38) 1-Methylnaphthalene	12.500	142	26494	9.523	ng	96
40) 1,2,4,5-Tetrachloroben...	12.653	216	16809	9.578	ng	97
41) Hexachlorocyclopentadiene	12.635	237	7703	8.264	ng	94
43) 2,4,6-Trichlorophenol	12.893	196	11153	9.742	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064449.D
 Acq On : 25 Sep 2025 18:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:47:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	12933	10.191	ng	96
46) 1,1'-Biphenyl	13.293	154	37895	9.674	ng	98
47) 2-Chloronaphthalene	13.334	162	28395	9.537	ng	92
48) 2-Nitroaniline	13.540	65	10054	9.825	ng	90
49) Acenaphthylene	14.180	152	42745	9.671	ng	97
50) Dimethylphthalate	13.916	163	42626	10.132	ng	# 94
51) 2,6-Dinitrotoluene	14.033	165	8775	9.931	ng	94
52) Acenaphthene	14.527	154	30154	9.969	ng	97
53) 3-Nitroaniline	14.362	138	7718	9.218	ng	# 88
54) 2,4-Dinitrophenol	14.580	184	6541	11.146	ng	92
55) Dibenzofuran	14.862	168	48928	9.756	ng	95
56) 4-Nitrophenol	14.680	139	6008	8.865	ng	90
57) 2,4-Dinitrotoluene	14.827	165	13166	9.760	ng	93
58) Fluorene	15.508	166	40115	9.689	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.091	232	12004	9.637	ng	97
60) Diethylphthalate	15.285	149	45179	9.967	ng	# 91
61) 4-Chlorophenyl-phenyle...	15.502	204	22034	9.746	ng	96
62) 4-Nitroaniline	15.526	138	8608	9.588	ng	95
63) Azobenzene	15.796	77	34877	9.833	ng	97
65) 4,6-Dinitro-2-methylph...	15.590	198	8542	8.767	ng	96
66) n-Nitrosodiphenylamine	15.720	169	37030	9.757	ng	93
67) 4-Bromophenyl-phenylether	16.401	248	15768	9.462	ng	90
68) Hexachlorobenzene	16.513	284	18248	9.622	ng	# 91
69) Atrazine	16.666	200	17458	10.125	ng	95
70) Pentachlorophenol	16.859	266	9154	7.998	ng	89
71) Phenanthrene	17.247	178	71163	9.626	ng	94
72) Anthracene	17.335	178	74346	9.876	ng	100
73) Carbazole	17.606	167	65817	9.966	ng	98
74) Di-n-butylphthalate	18.170	149	78792	9.753	ng	99
75) Fluoranthene	19.257	202	92151	9.871	ng	98
77) Benzidine	19.445	184	25517	6.043	ng	96
78) Pyrene	19.621	202	96290	9.622	ng	98
80) Butylbenzylphthalate	20.514	149	34833	9.313	ng	92
81) Benzo(a)anthracene	21.413	228	98685	9.557	ng	99
82) 3,3'-Dichlorobenzidine	21.337	252	33544	9.445	ng	97
83) Chrysene	21.478	228	94888	9.703	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	50177	9.313	ng	# 96
85) Di-n-octyl phthalate	22.471	149	87962	9.604	ng	99
87) Indeno(1,2,3-cd)pyrene	27.788	276	123551	10.011	ng	# 91
88) Benzo(b)fluoranthene	23.481	252	93624	9.353	ng	98
89) Benzo(k)fluoranthene	23.546	252	95599	9.541	ng	94
90) Benzo(a)pyrene	24.286	252	86275	9.304	ng	# 95
91) Dibenzo(a,h)anthracene	27.852	278	99212	9.916	ng	97
92) Benzo(g,h,i)perylene	28.845	276	97372	10.134	ng	# 97

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

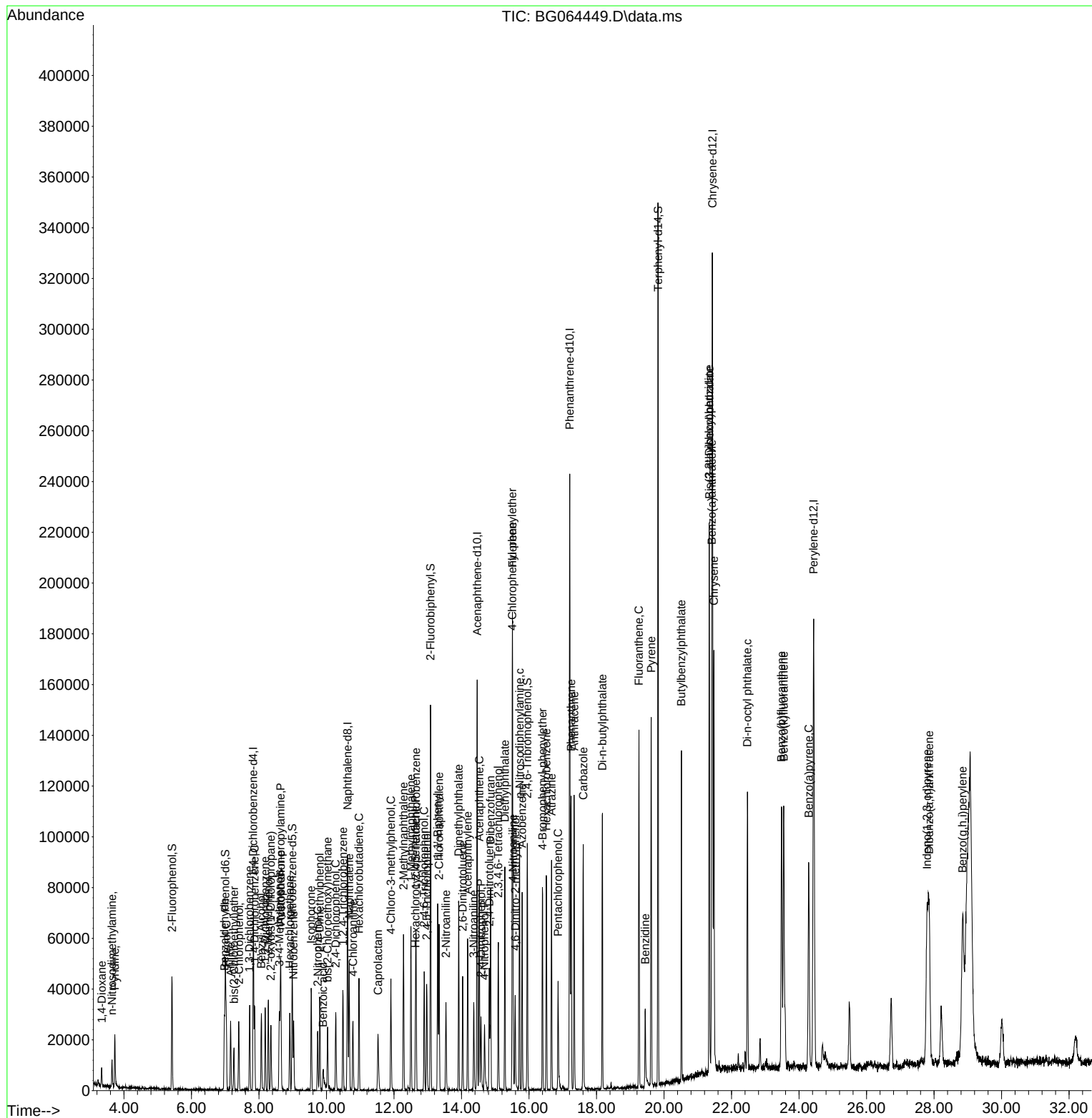
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Data File : BG064449.D
Acq On : 25 Sep 2025 18:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

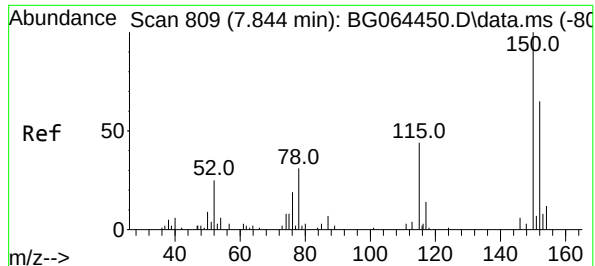
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

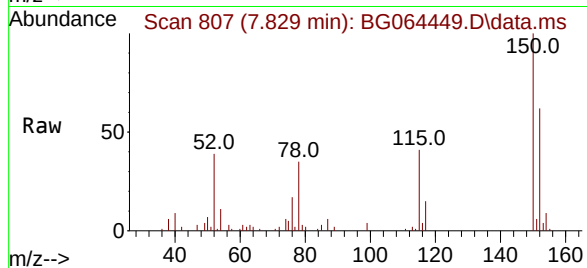
Quant Time: Sep 29 17:47:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.829 min Scan# 809
Delta R.T. -0.015 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

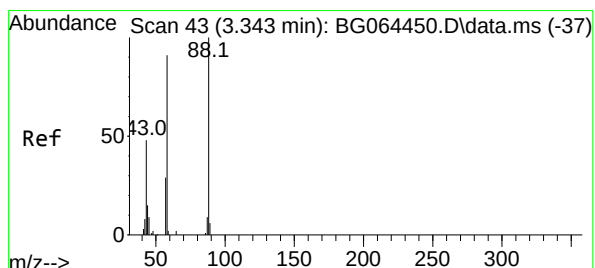
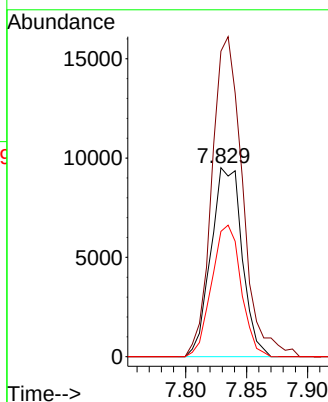
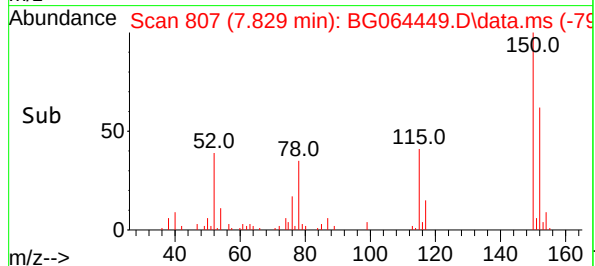
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



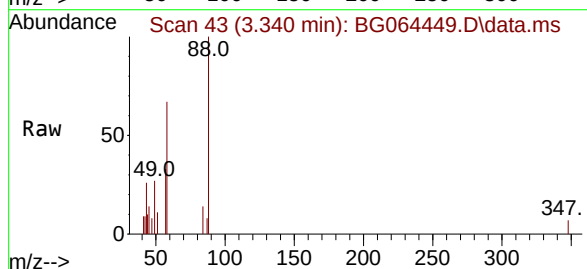
Tgt Ion: 152 Resp: 16924
Ion Ratio Lower Upper
152 100
150 161.7 122.9 184.3
115 66.3 54.3 81.5

Manual Integrations
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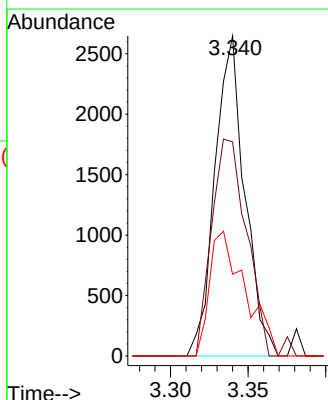
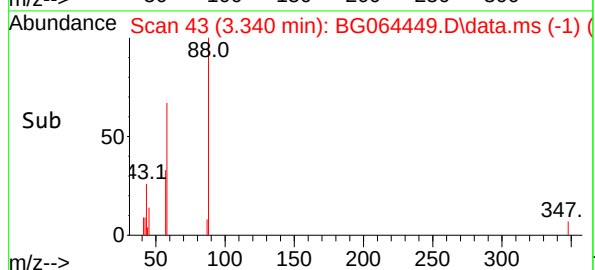
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

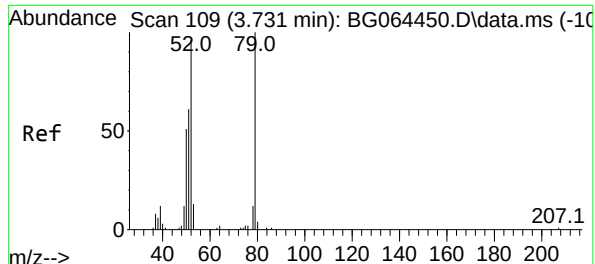


#2
1,4-Dioxane
Concen: 9.528 ng
RT: 3.340 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



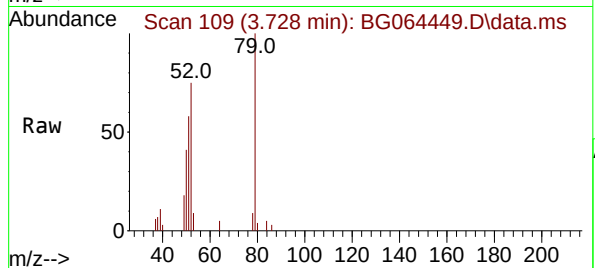
Tgt Ion: 88 Resp: 3541
Ion Ratio Lower Upper
88 100
58 79.0 67.9 101.9
43 46.4 39.4 59.2





#3
Pyridine
Concen: 8.547 ng
RT: 3.728 min Scan# 109
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

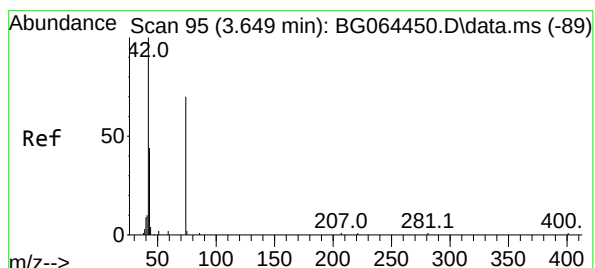
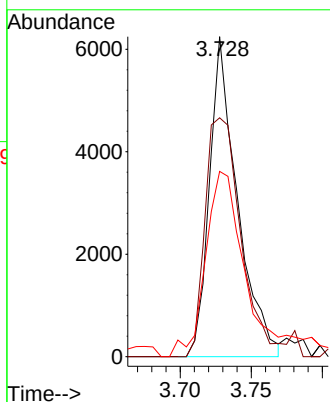
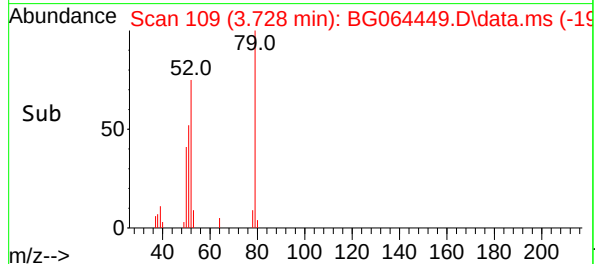
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 856
Ion Ratio Lower Upper
79 100
52 74.7 76.6 114.8
51 57.9 49.3 73.9

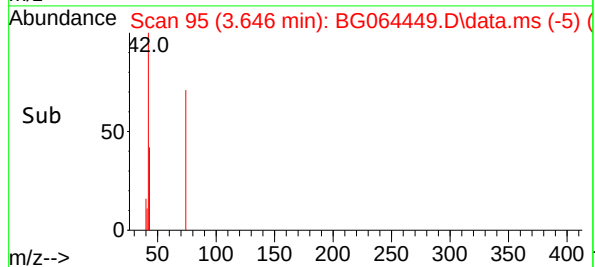
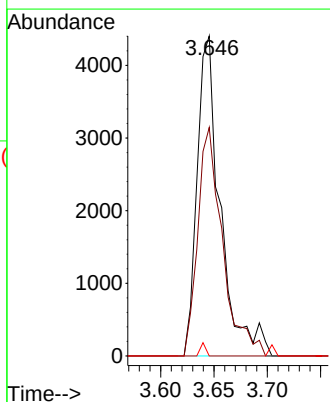
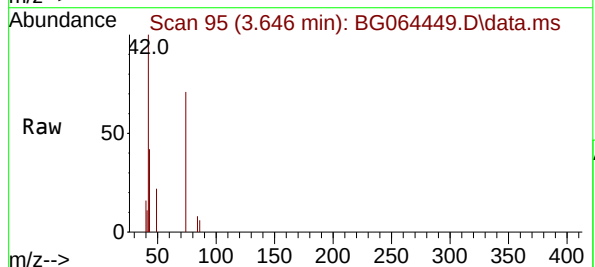
Manual Integrations
APPROVED

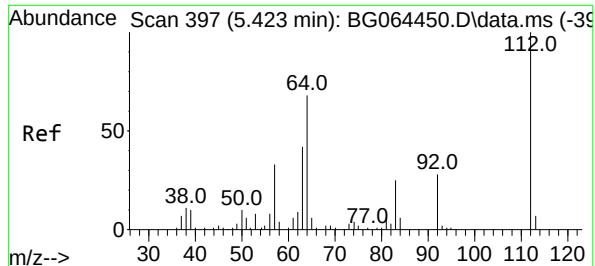
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 8.707 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion: 42 Resp: 6664
Ion Ratio Lower Upper
42 100
74 71.4 56.1 84.1
44 0.0 3.1 4.7#





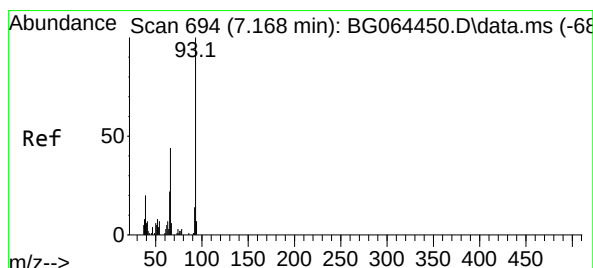
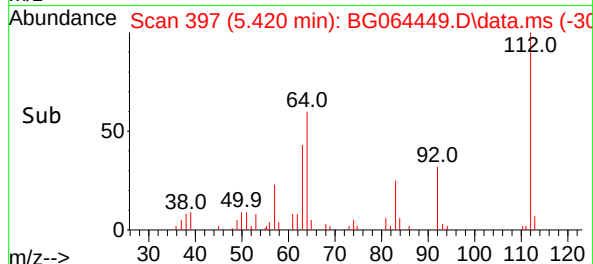
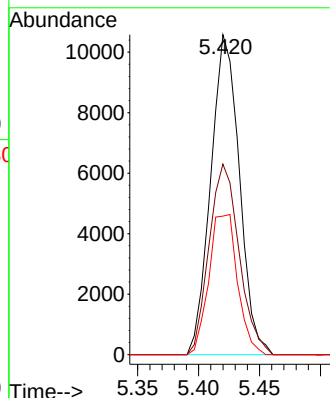
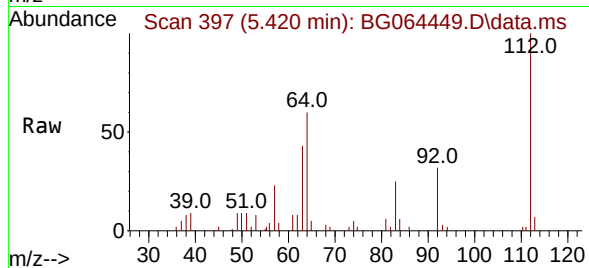
#5
2-Fluorophenol
Concen: 19.510 ng
RT: 5.420 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 17279
Ion Ratio Lower Upper
112 100
64 59.6 54.0 81.0
63 43.3 33.8 50.6

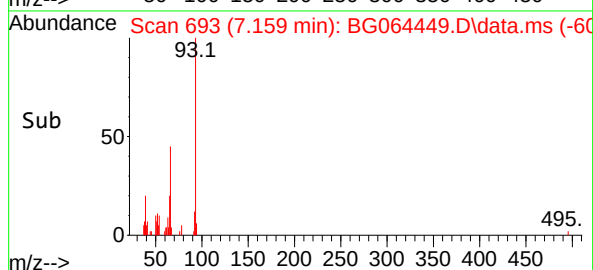
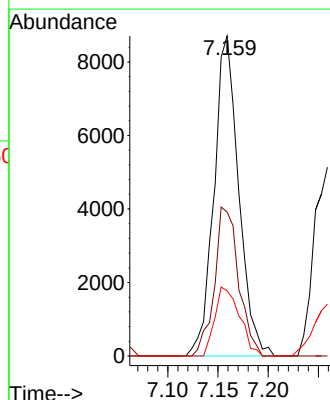
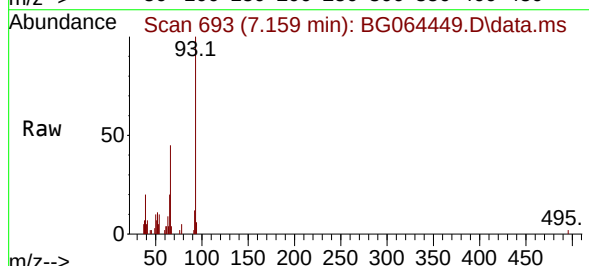
Manual Integrations
APPROVED

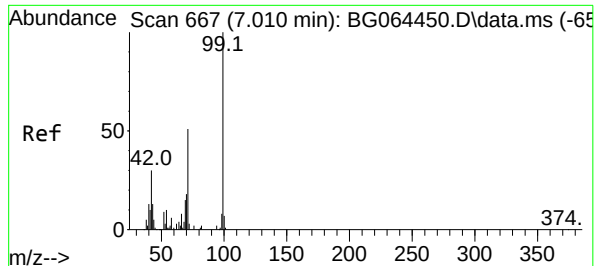
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 9.492 ng
RT: 7.159 min Scan# 693
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion: 93 Resp: 14914
Ion Ratio Lower Upper
93 100
66 45.0 34.9 52.3
65 20.3 17.3 25.9





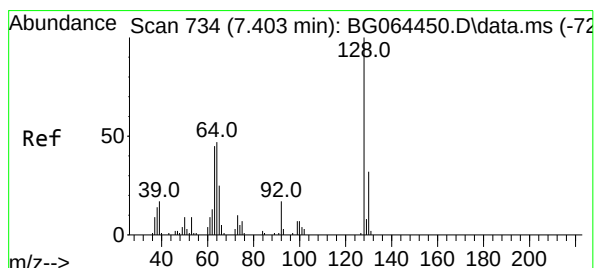
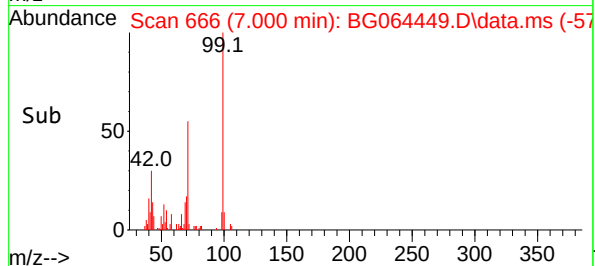
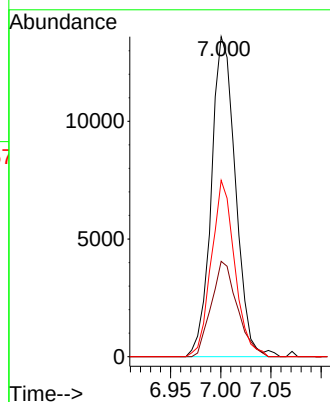
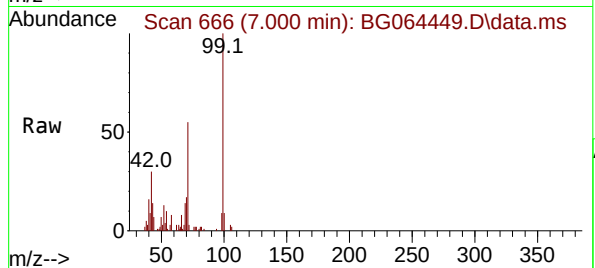
#7
Phenol-d6
Concen: 18.735 ng
RT: 7.000 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 2273
Ion Ratio Lower Upper
99 100
42 29.8 24.0 36.0
71 55.1 40.5 60.7

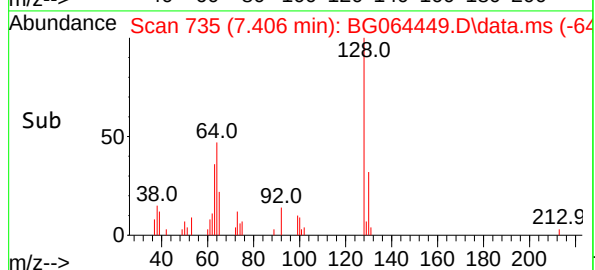
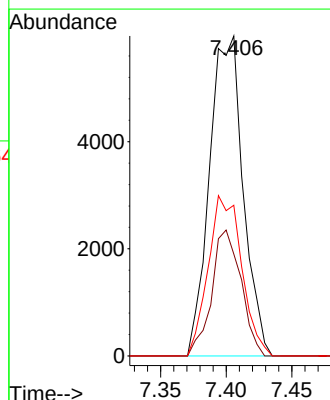
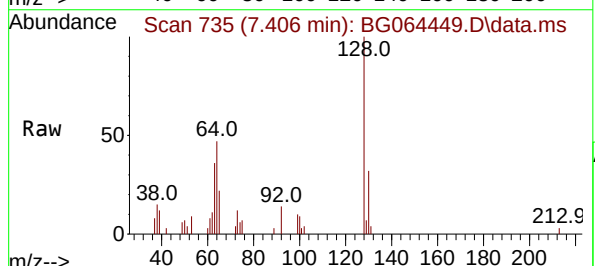
Manual Integrations
APPROVED

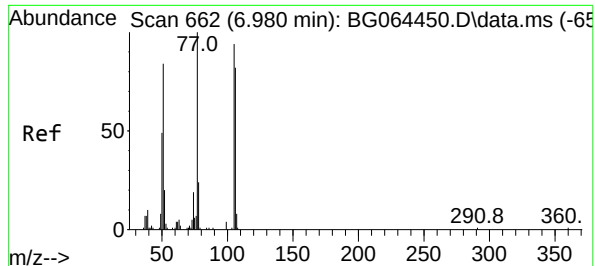
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 9.606 ng
RT: 7.406 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

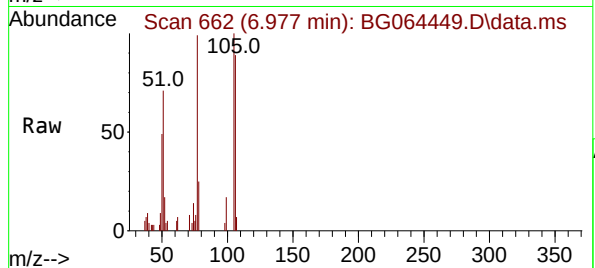
Tgt Ion:128 Resp: 10643
Ion Ratio Lower Upper
128 100
130 31.9 11.8 51.8
64 47.1 27.0 67.0





#9
Benzaldehyde
Concen: 8.299 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

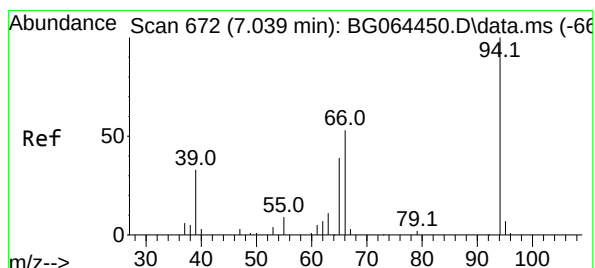
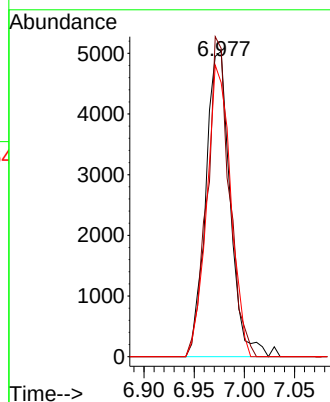
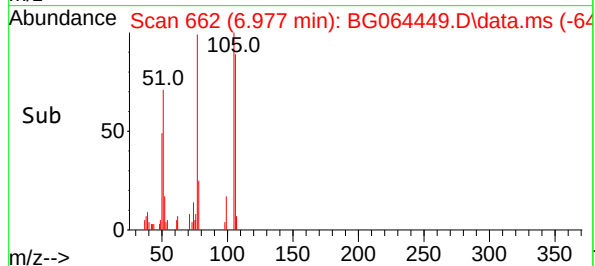
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 857
Ion Ratio Lower Upper
77 100
105 101.0 74.0 114.0
106 89.7 62.5 102.5

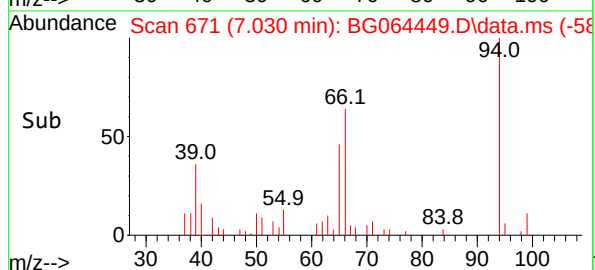
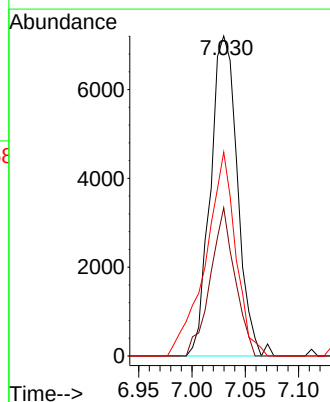
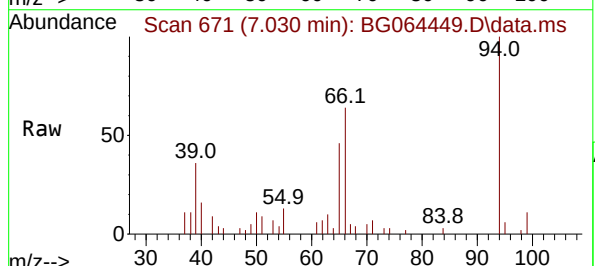
Manual Integrations
APPROVED

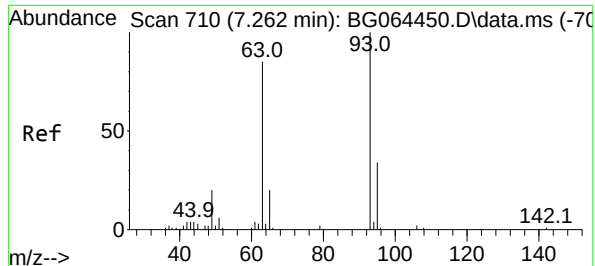
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 9.647 ng
RT: 7.030 min Scan# 671
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

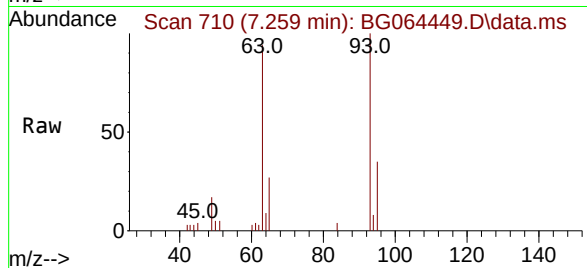
Tgt Ion: 94 Resp: 12673
Ion Ratio Lower Upper
94 100
65 46.3 21.1 61.1
66 63.7 39.7 79.7





#11
bis(2-Chloroethyl)ether
Concen: 9.371 ng
RT: 7.259 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

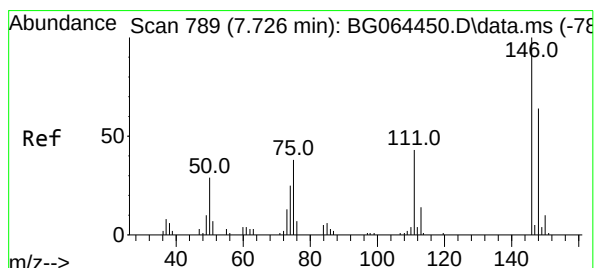
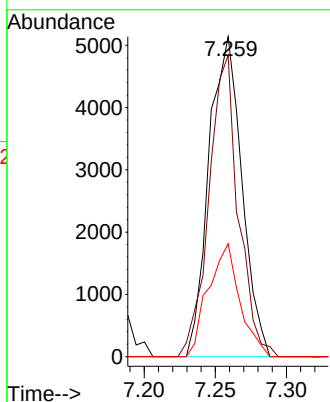
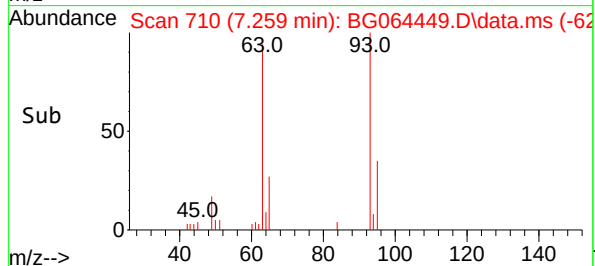
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



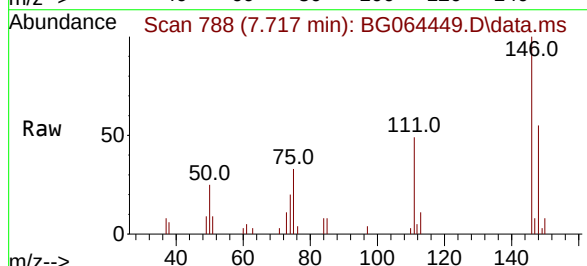
Tgt Ion: 93 Resp: 8260
Ion Ratio Lower Upper
93 100
63 94.2 65.3 105.3
95 35.3 13.7 53.7

Manual Integrations
APPROVED

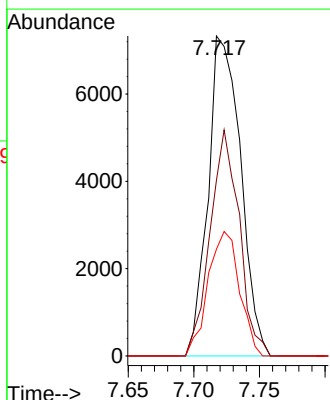
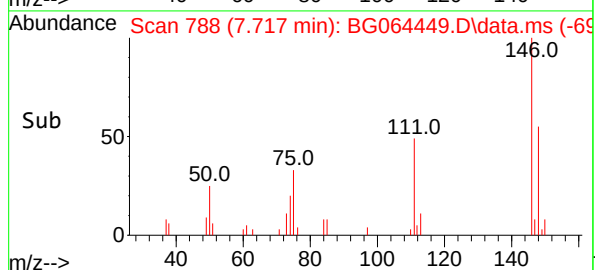
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

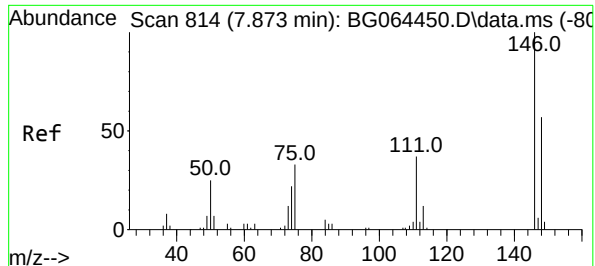


#12
1,3-Dichlorobenzene
Concen: 10.170 ng
RT: 7.717 min Scan# 788
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



Tgt Ion:146 Resp: 12631
Ion Ratio Lower Upper
146 100
148 54.9 51.0 76.4
75 33.3 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 9.850 ng

RT: 7.870 min Scan# 814

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 12490

Ion Ratio Lower Upper

146 100

148 61.2 45.3 67.9

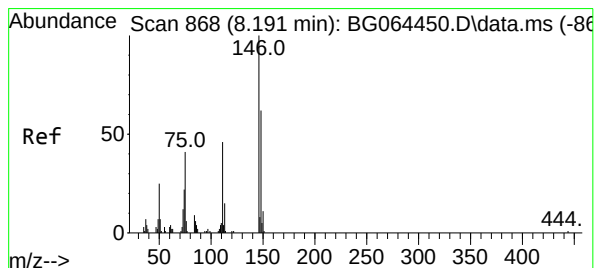
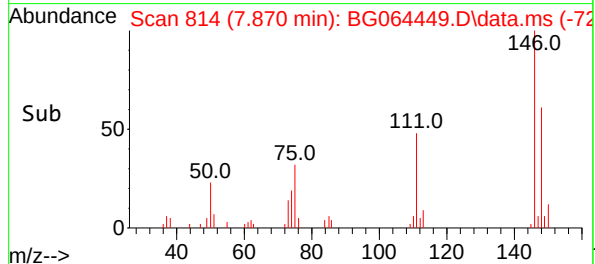
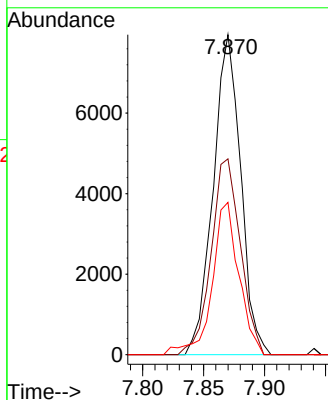
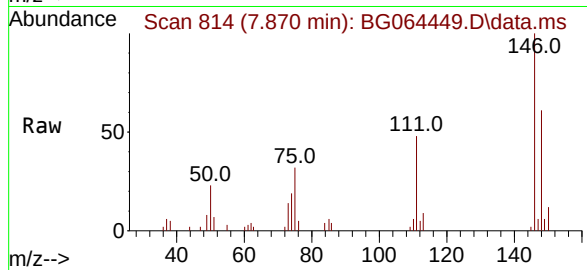
111 47.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 9.650 ng

RT: 8.181 min Scan# 867

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

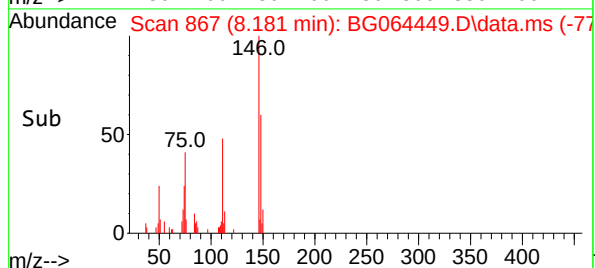
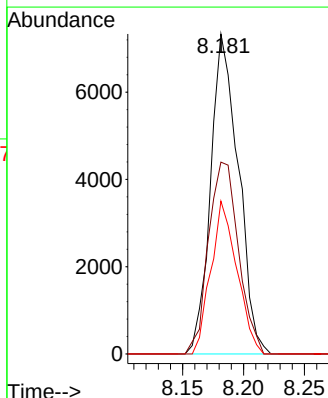
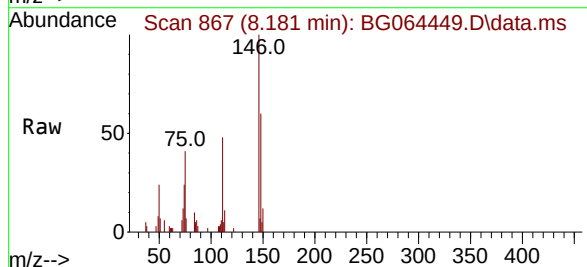
Tgt Ion:146 Resp: 11602

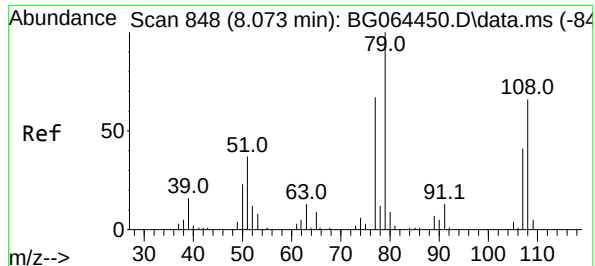
Ion Ratio Lower Upper

146 100

148 60.0 49.9 74.9

111 47.7 36.6 54.8





#15

Benzyl Alcohol

Concen: 9.303 ng

RT: 8.070 min Scan# 84

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

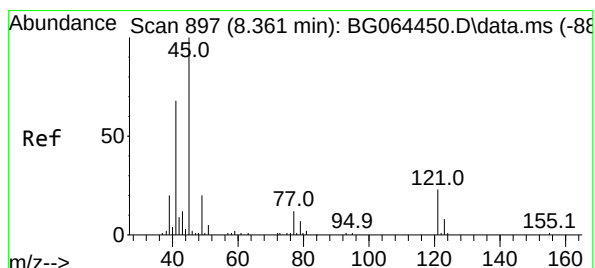
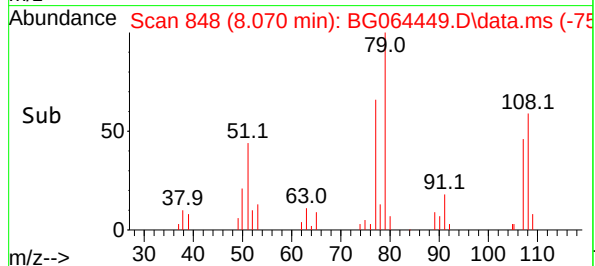
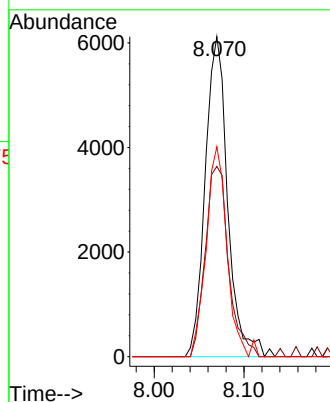
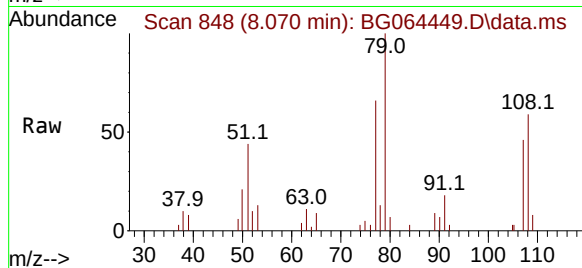
SSTDICC010

Tgt Ion:	79	Resp:	10630
Ion	Ratio	Lower	Upper
79	100		
108	59.4	53.0	79.6
77	65.6	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.942 ng

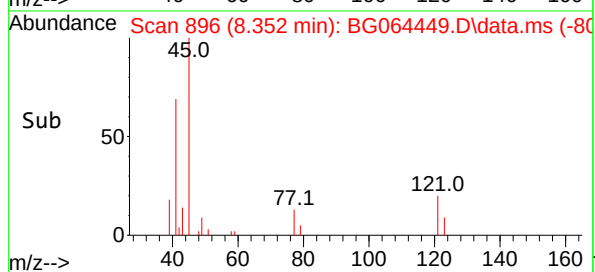
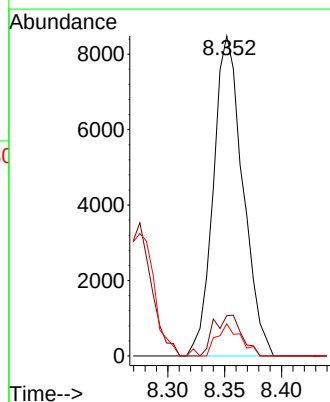
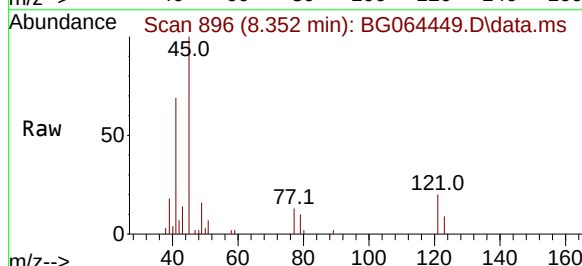
RT: 8.352 min Scan# 896

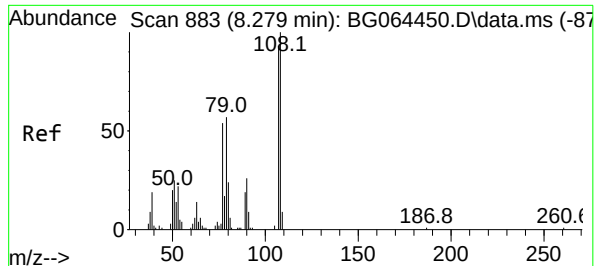
Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

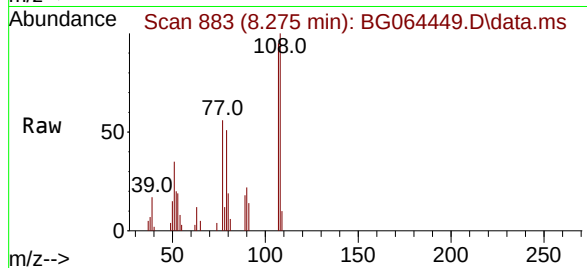
Tgt Ion:	45	Resp:	15292
Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.8
79	10.0	0.0	28.0





#17
2-Methylphenol
Concen: 9.688 ng
RT: 8.275 min Scan# 883
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

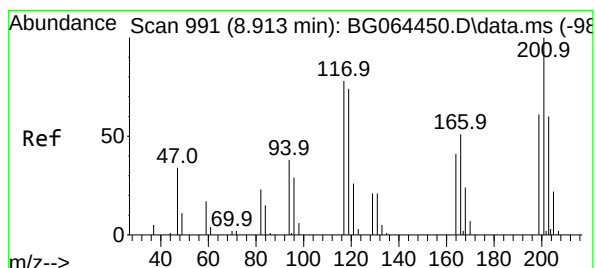
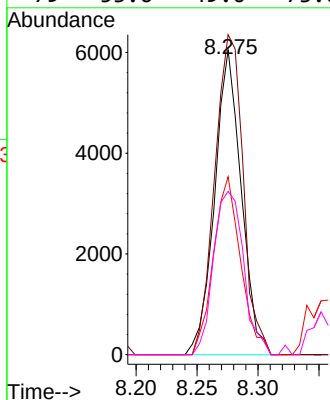
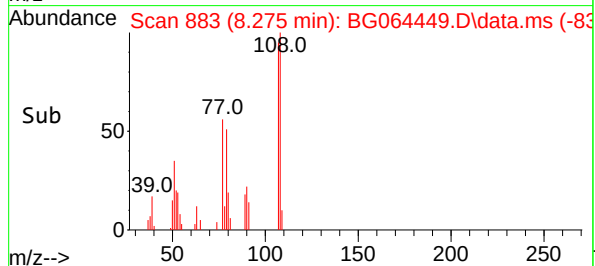
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:107 Resp: 9194
Ion Ratio Lower Upper
107 100
108 105.1 86.2 129.2
77 58.4 46.7 70.1
79 53.6 49.0 73.6

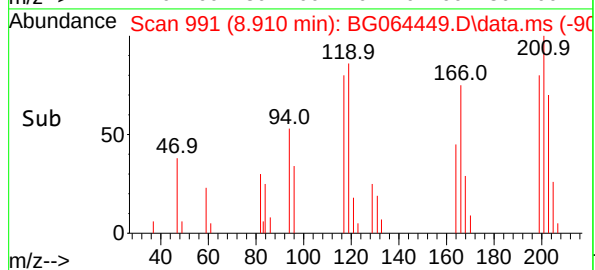
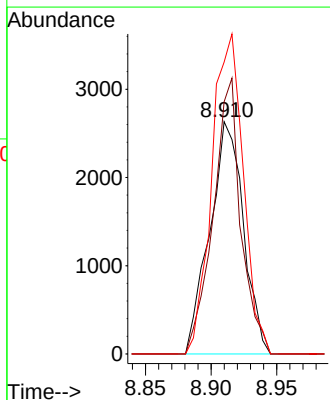
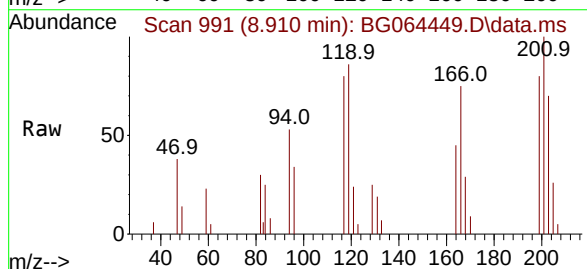
Manual Integrations
APPROVED

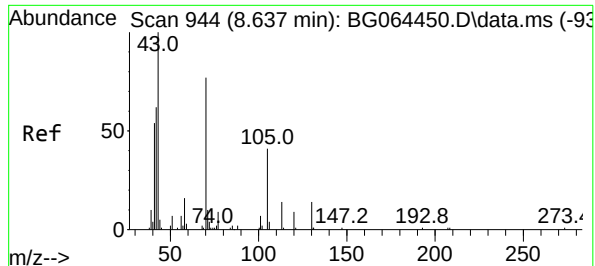
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 9.784 ng
RT: 8.910 min Scan# 991
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

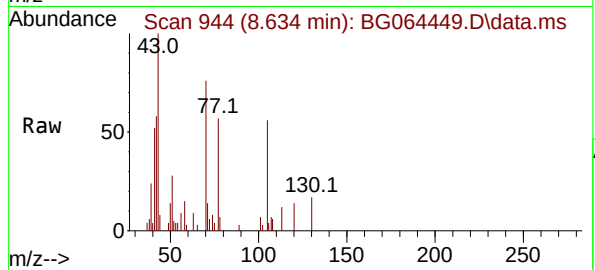
Tgt Ion:117 Resp: 4683
Ion Ratio Lower Upper
117 100
119 108.5 76.6 115.0
201 125.6 103.0 154.6





#19
n-Nitroso-di-n-propylamine
Concen: 9.798 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

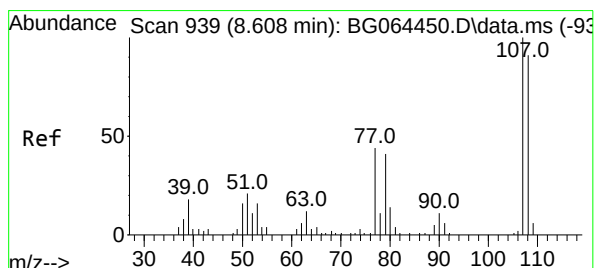
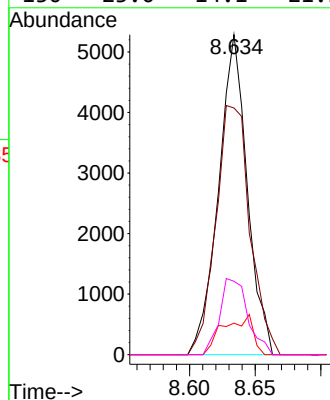
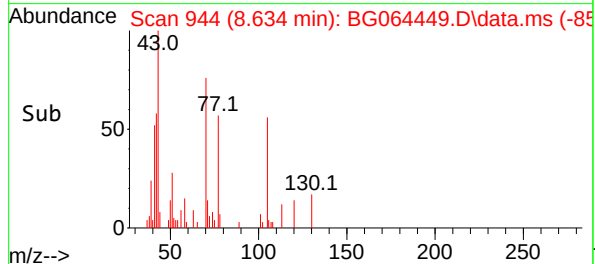
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 70 Resp: 803
Ion Ratio Lower Upper
70 100
42 77.1 65.6 98.4
101 9.9 7.7 11.5
130 23.0 14.1 21.1#

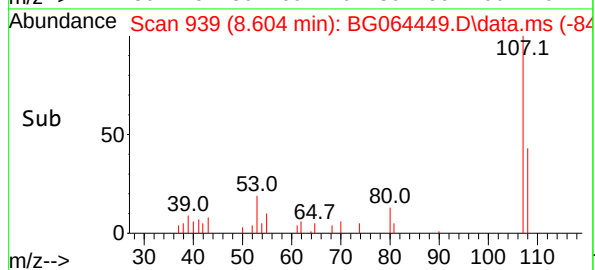
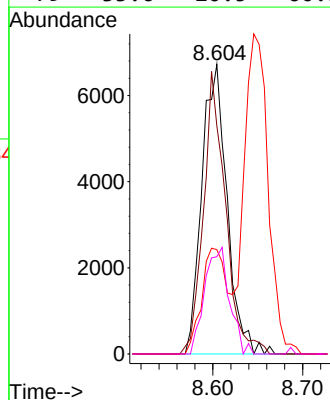
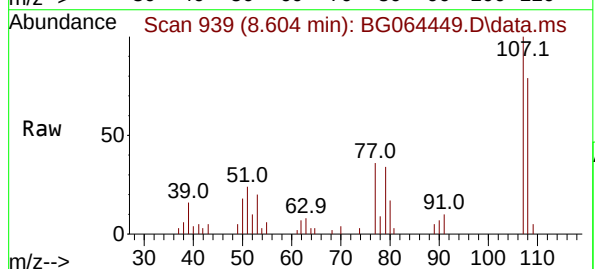
Manual Integrations
APPROVED

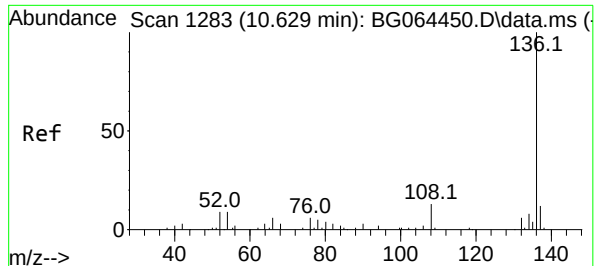
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#20
3+4-Methylphenols
Concen: 9.816 ng
RT: 8.604 min Scan# 939
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:107 Resp: 13096
Ion Ratio Lower Upper
107 100
108 78.8 70.9 110.9
77 36.0 24.4 64.4
79 33.6 20.5 60.5





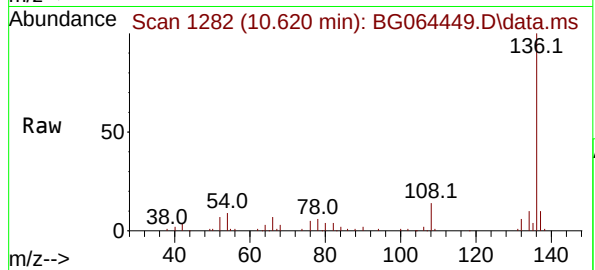
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

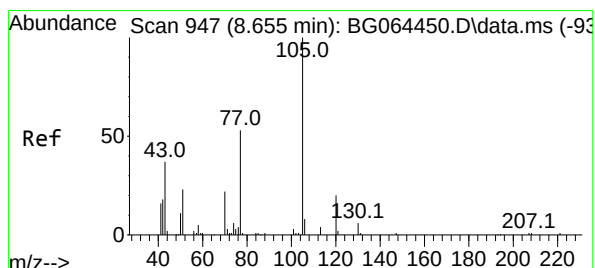
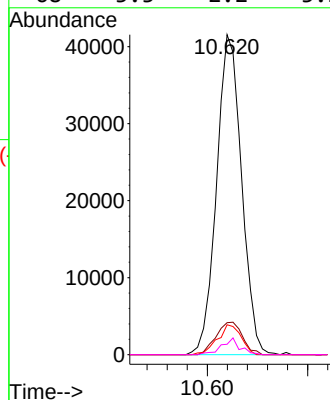
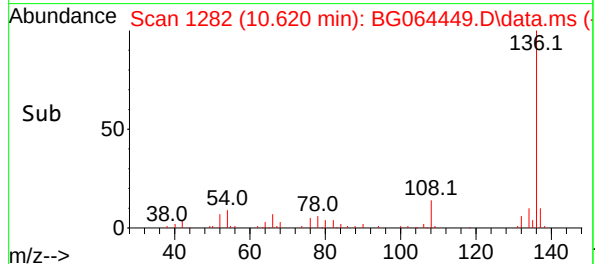


Tgt Ion:136 Resp: 71830
Ion Ratio Lower Upper
136 100
137 10.0 9.6 14.4
54 9.4 7.4 11.2
68 3.3 2.2 3.2#

Manual Integrations

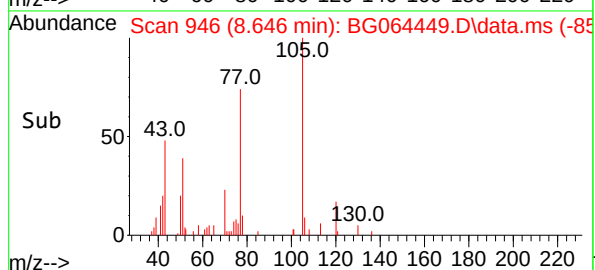
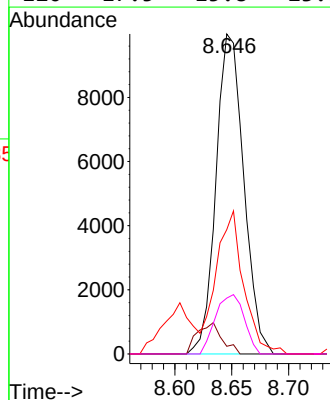
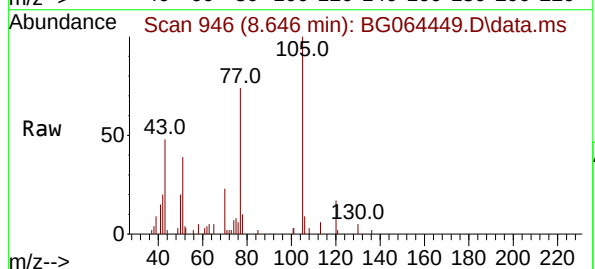
APPROVED

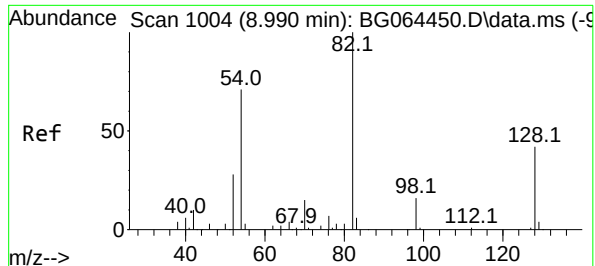
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 9.854 ng
RT: 8.646 min Scan# 946
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:105 Resp: 16946
Ion Ratio Lower Upper
105 100
71 2.4 2.5 3.7#
51 38.8 29.0 43.6
120 17.5 15.8 23.8





#23

Nitrobenzene-d5

Concen: 19.451 ng

RT: 8.980 min Scan# 1003

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 2578

Ion Ratio Lower Upper

82 100

128 36.8 33.7 50.5

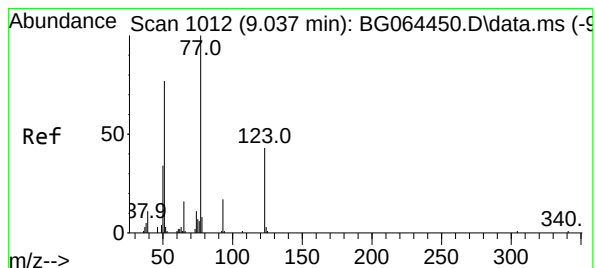
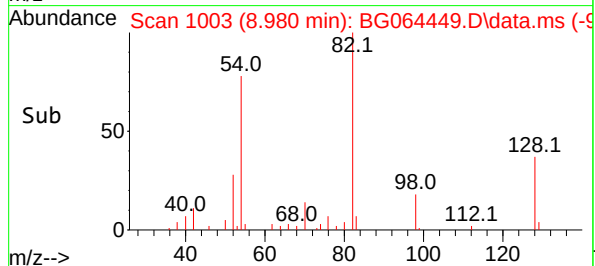
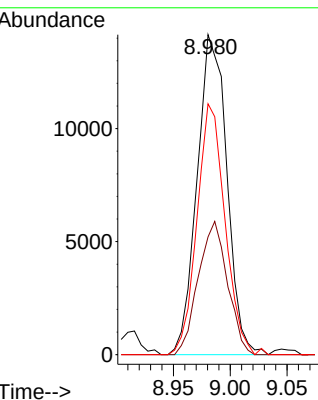
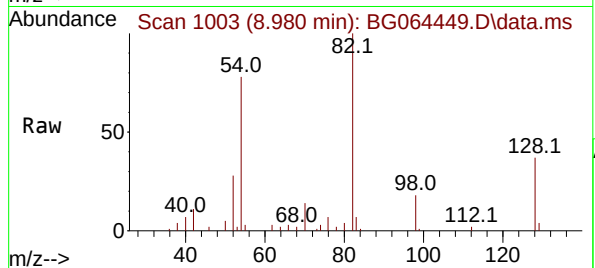
54 78.4 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 10.085 ng

RT: 9.022 min Scan# 1010

Delta R.T. -0.015 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

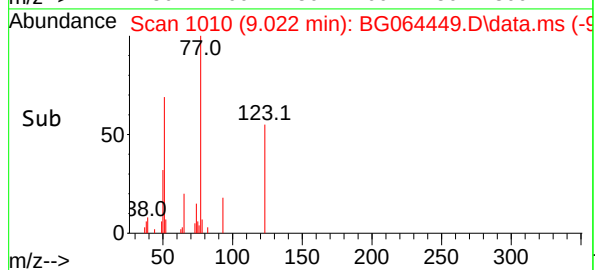
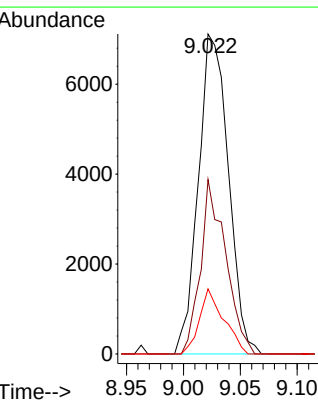
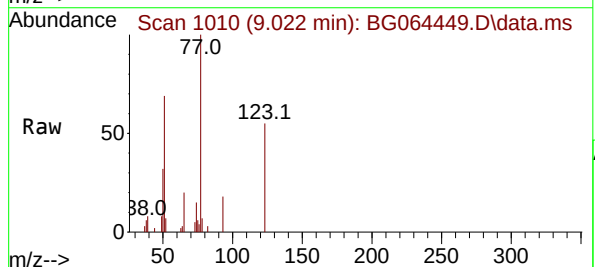
Tgt Ion: 77 Resp: 13047

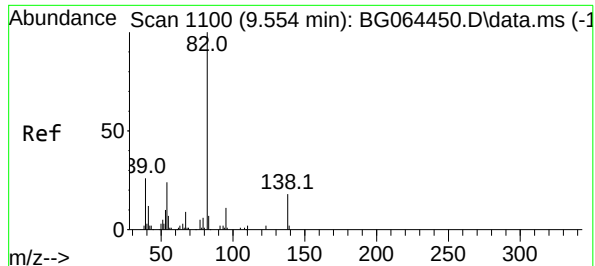
Ion Ratio Lower Upper

77 100

123 54.5 34.7 52.1#

65 20.4 12.8 19.2#





#25

Isophorone

Concen: 9.927 ng

RT: 9.544 min Scan# 1099

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

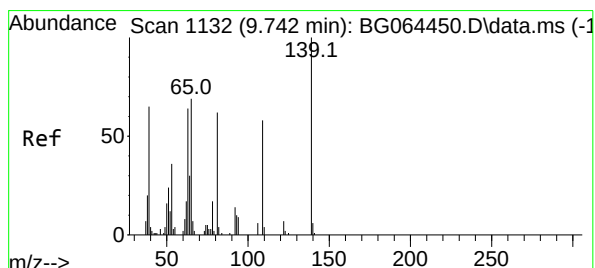
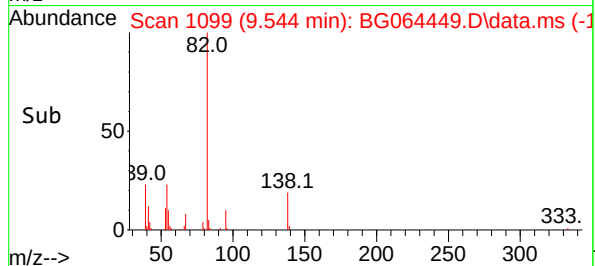
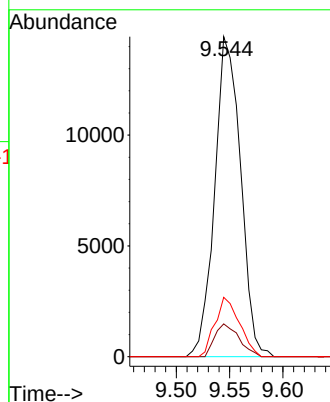
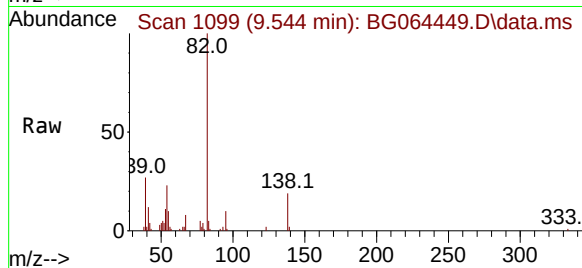
Tgt Ion:	82	Resp:	2434
Ion Ratio	Lower	Upper	
82	100		
95	10.2	8.5	12.7
138	18.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 9.222 ng

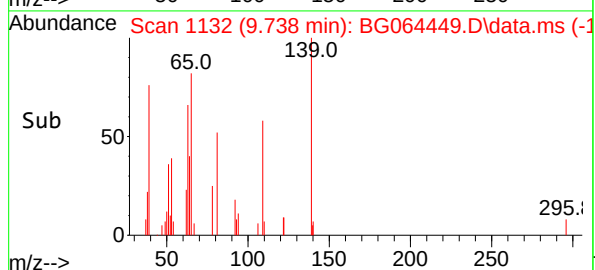
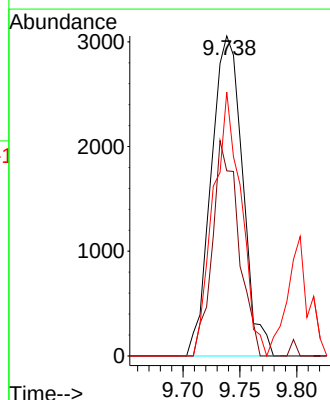
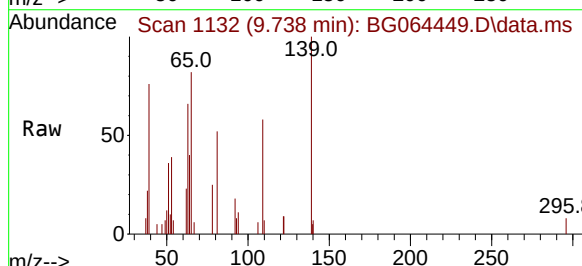
RT: 9.738 min Scan# 1132

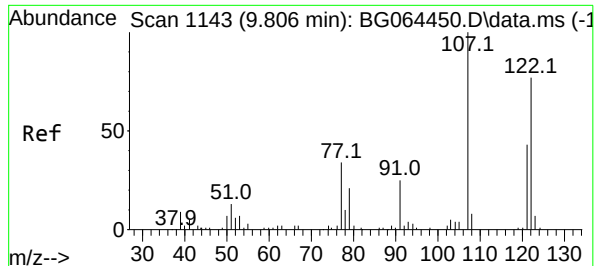
Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Tgt Ion:	139	Resp:	5873
Ion Ratio	Lower	Upper	
139	100		
109	57.9	46.6	70.0
65	82.5	54.9	82.3





#27

2,4-Dimethylphenol

Concen: 9.732 ng

RT: 9.797 min Scan# 1142

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 999

Ion Ratio Lower Upper

122 100

107 111.0 102.6 153.8

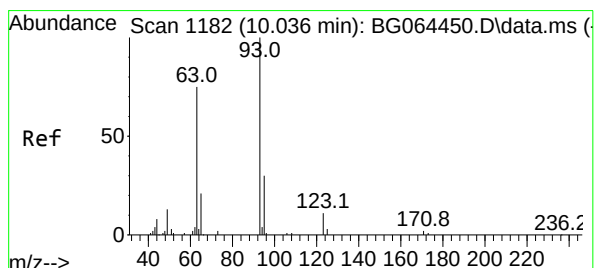
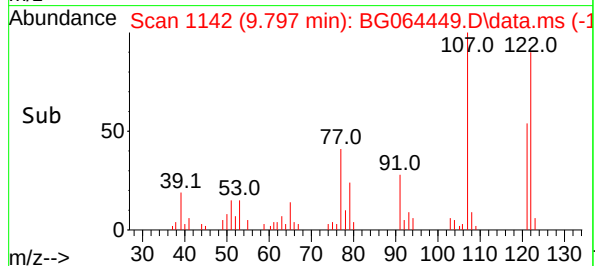
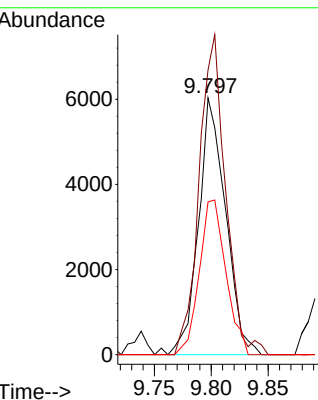
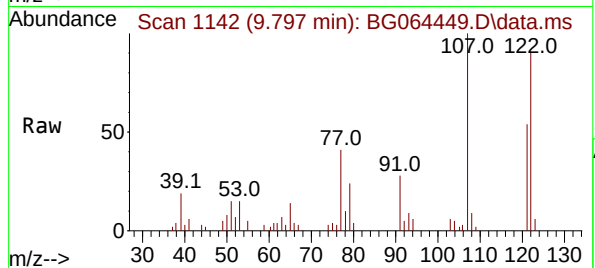
121 59.5 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 9.561 ng

RT: 10.032 min Scan# 1182

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

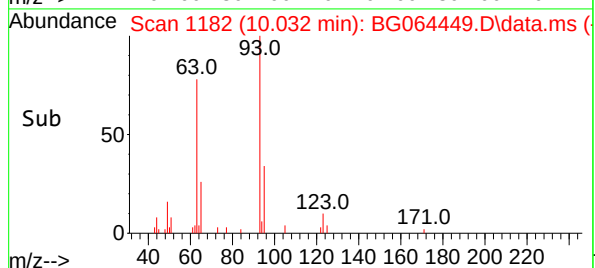
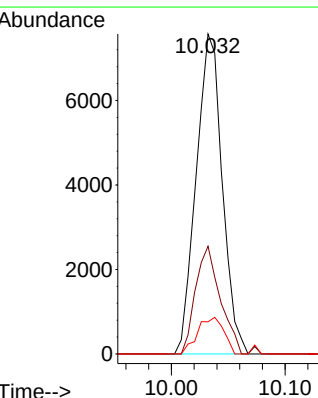
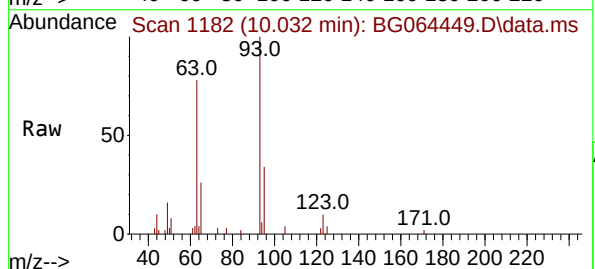
Tgt Ion: 93 Resp: 12113

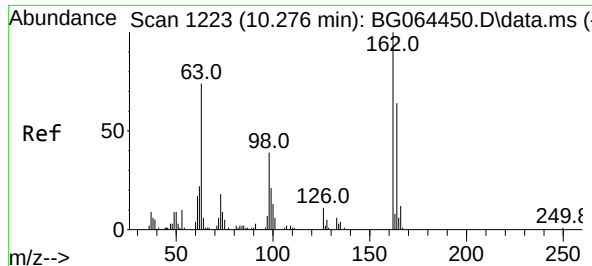
Ion Ratio Lower Upper

93 100

95 33.6 24.0 36.0

123 10.0 9.0 13.4





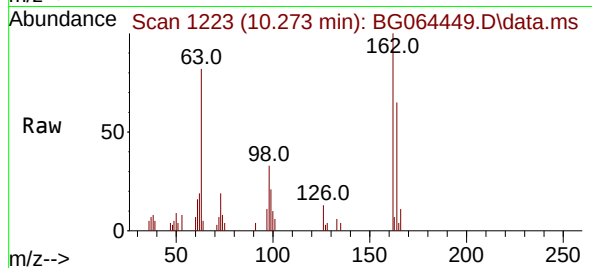
#29
2,4-Dichlorophenol
Concen: 9.162 ng
RT: 10.273 min Scan# 1223
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

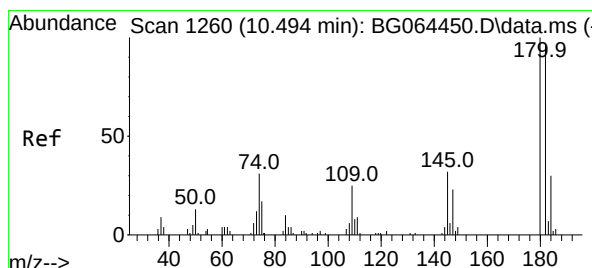
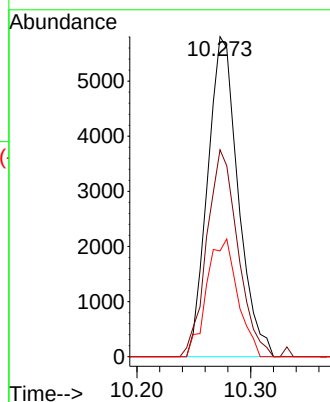
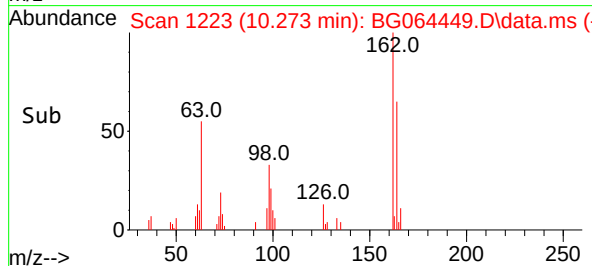


Tgt Ion:162 Resp: 1083
Ion Ratio Lower Upper
162 100
164 60.2 43.7 83.7
98 30.7 19.2 59.2

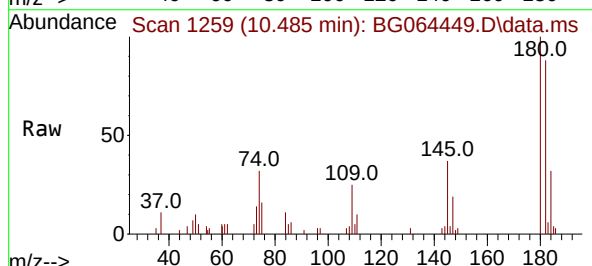
Manual Integrations

APPROVED

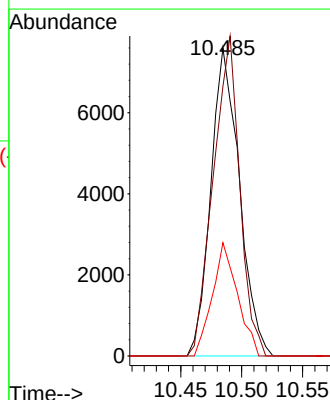
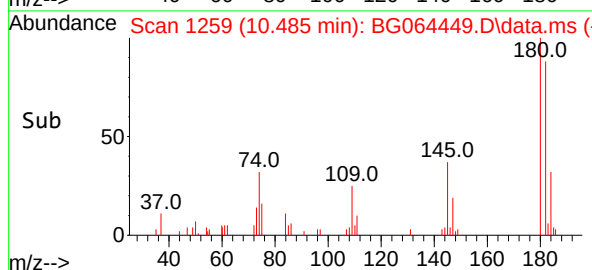
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

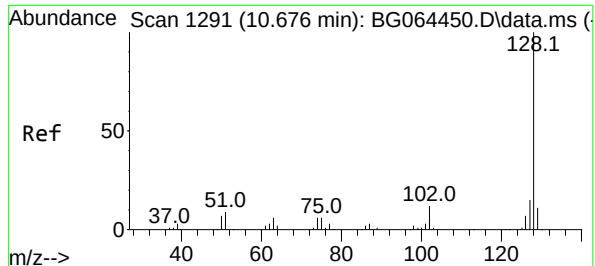


#30
1,2,4-Trichlorobenzene
Concen: 9.803 ng
RT: 10.485 min Scan# 1259
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



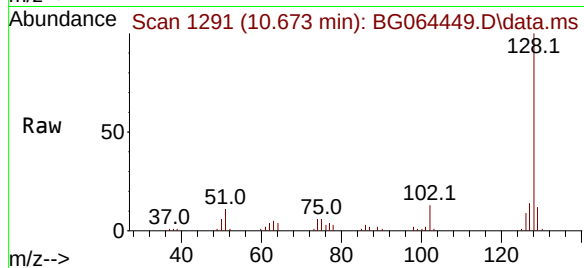
Tgt Ion:180 Resp: 12395
Ion Ratio Lower Upper
180 100
182 87.6 77.0 115.4
145 36.8 25.4 38.2





#31
Naphthalene
Concen: 9.914 ng
RT: 10.673 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

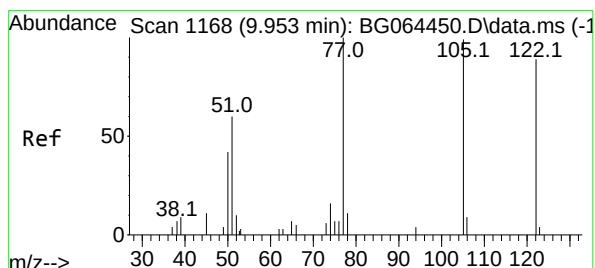
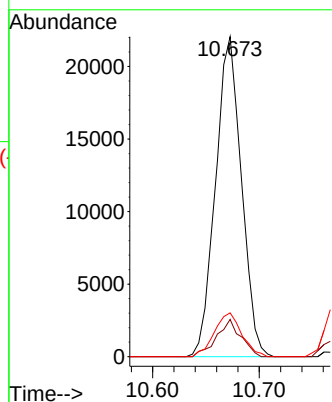
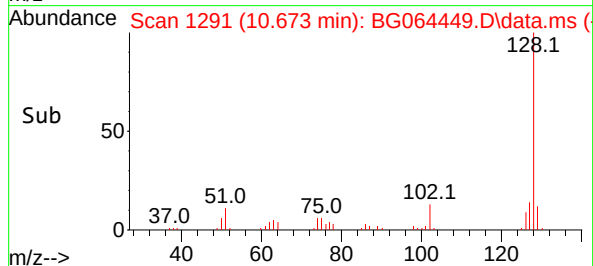
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 37178
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.7 12.1 18.1

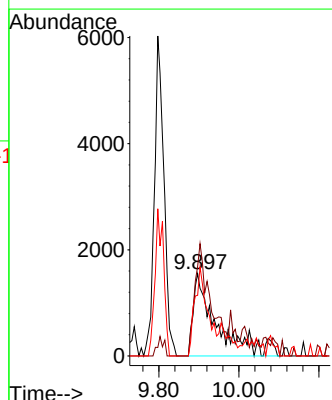
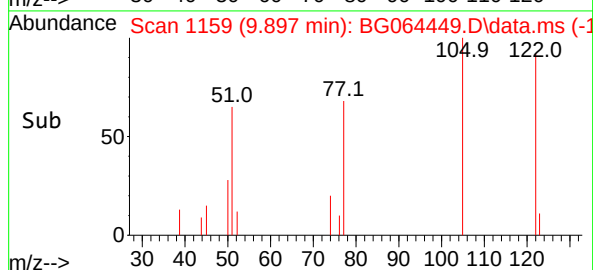
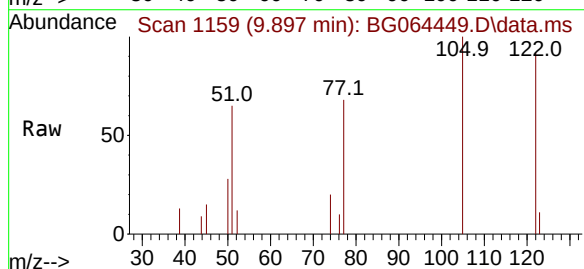
Manual Integrations
APPROVED

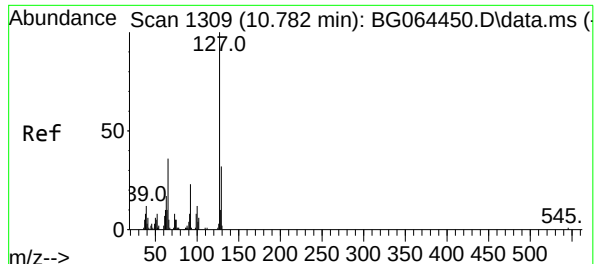
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 8.424 ng m
RT: 9.897 min Scan# 1159
Delta R.T. -0.056 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

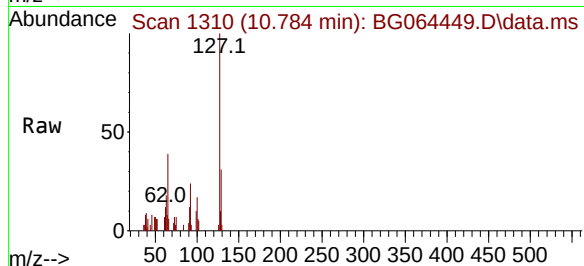
Tgt Ion:122 Resp: 6402
Ion Ratio Lower Upper
122 100
105 109.0 91.0 131.0
77 73.8 92.2 132.2#





#33
4-Chloroaniline
Concen: 9.825 ng
RT: 10.784 min Scan# 1309
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

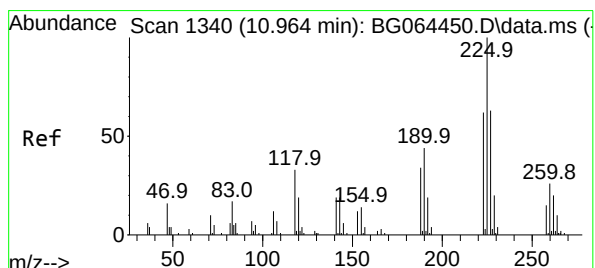
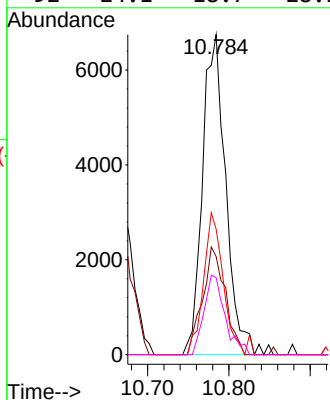
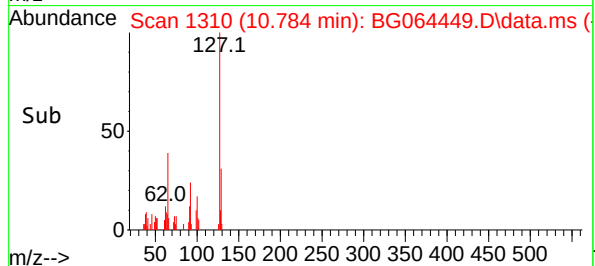
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



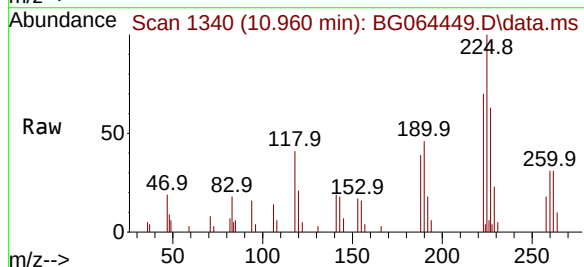
Tgt Ion:127 Resp: 13478
Ion Ratio Lower Upper
127 100
129 33.4 25.7 38.5
65 39.2 28.6 43.0
92 24.1 18.7 28.1

Manual Integrations
APPROVED

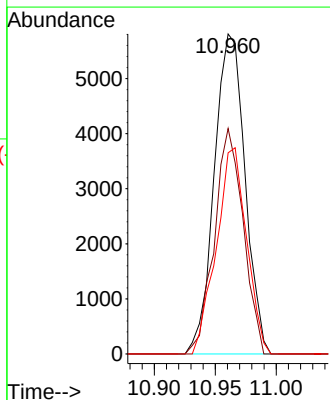
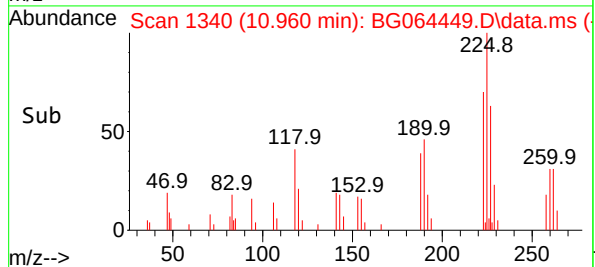
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

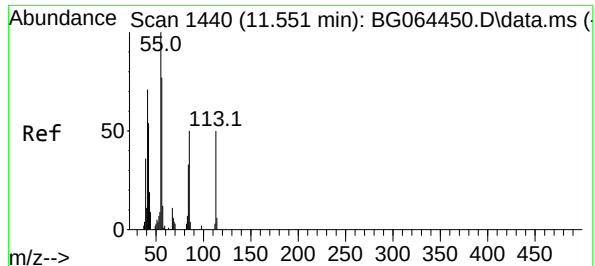


#34
Hexachlorobutadiene
Concen: 9.480 ng
RT: 10.960 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



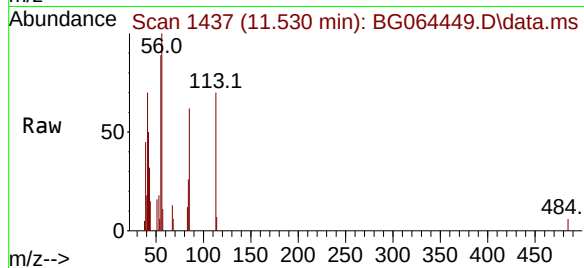
Tgt Ion:225 Resp: 10211
Ion Ratio Lower Upper
225 100
223 70.4 49.4 74.2
227 66.5 50.0 75.0





#35
Caprolactam
Concen: 9.735 ng
RT: 11.530 min Scan# 1440
Delta R.T. -0.021 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

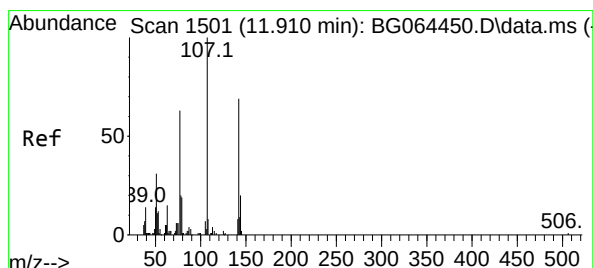
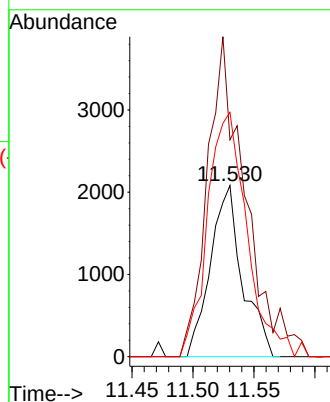
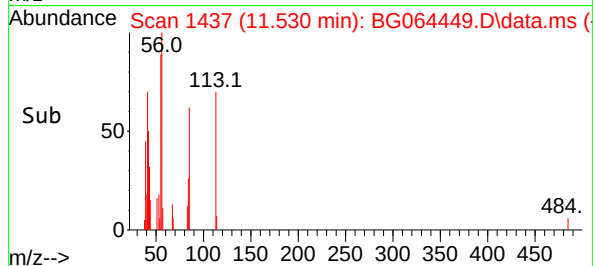
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 379
Ion Ratio Lower Upper
113 100
55 126.8 178.3 218.3
56 142.7 132.4 172.4

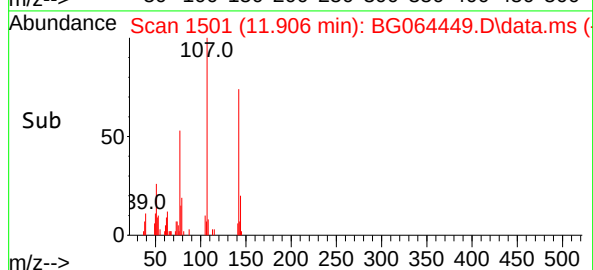
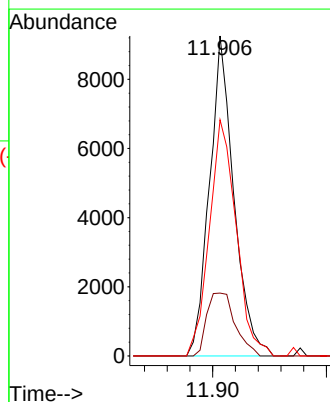
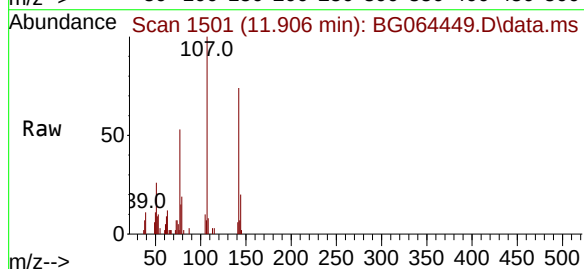
Manual Integrations
APPROVED

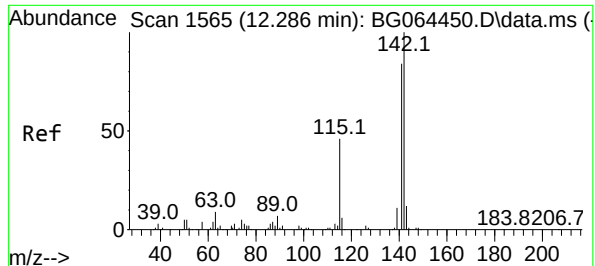
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 9.829 ng
RT: 11.906 min Scan# 1501
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

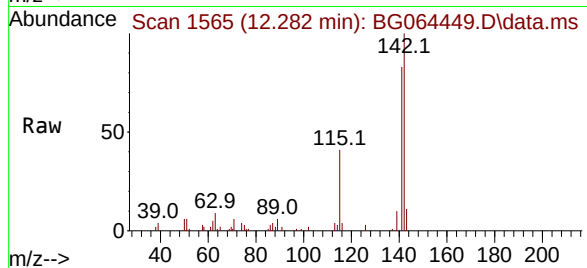
Tgt Ion:107 Resp: 13772
Ion Ratio Lower Upper
107 100
144 19.6 16.3 24.5
142 73.8 55.5 83.3





#37
2-Methylnaphthalene
Concen: 9.666 ng
RT: 12.282 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

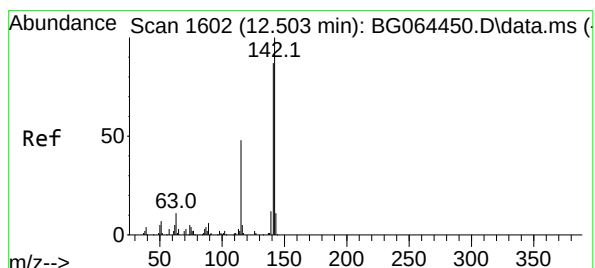
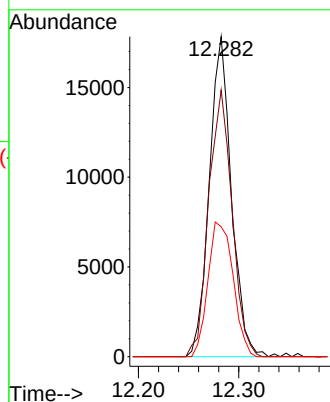
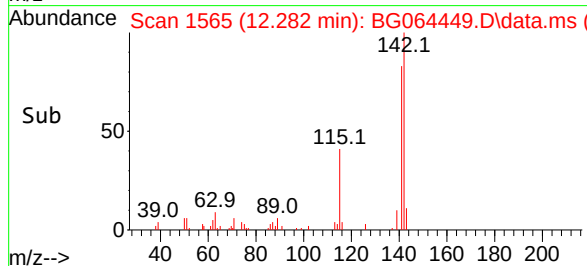
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 2737
Ion Ratio Lower Upper
142 100
141 83.3 67.3 100.9
115 40.6 37.0 55.4

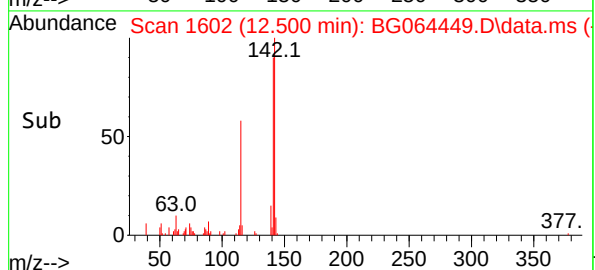
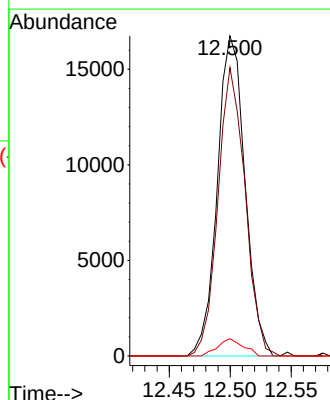
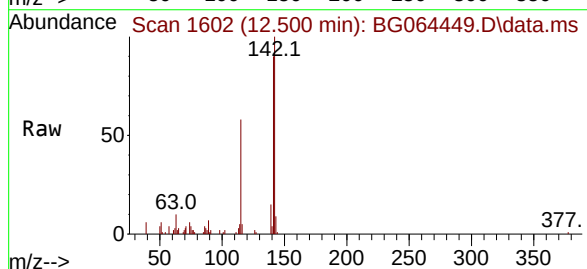
Manual Integrations
APPROVED

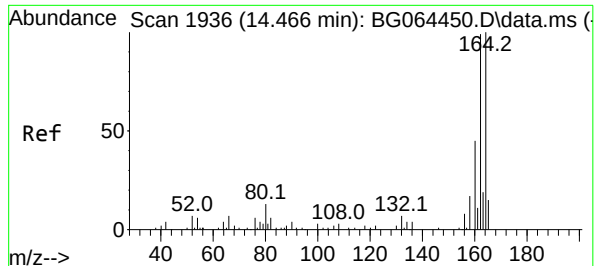
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 9.523 ng
RT: 12.500 min Scan# 1602
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

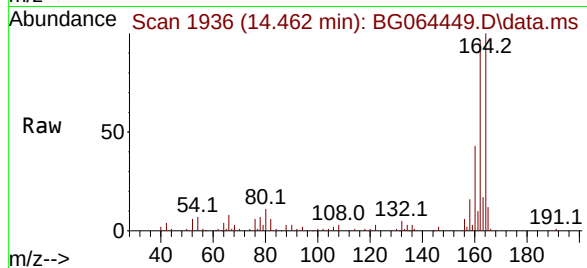
Tgt Ion:142 Resp: 26494
Ion Ratio Lower Upper
142 100
141 90.1 69.2 103.8
116 5.4 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

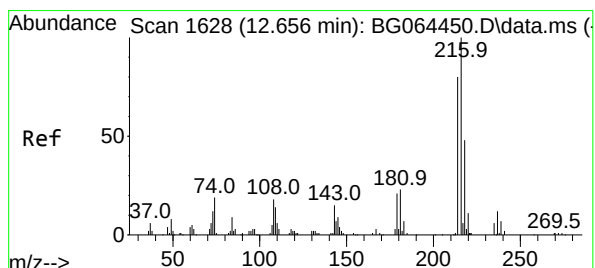
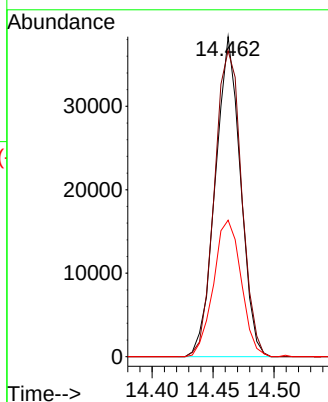
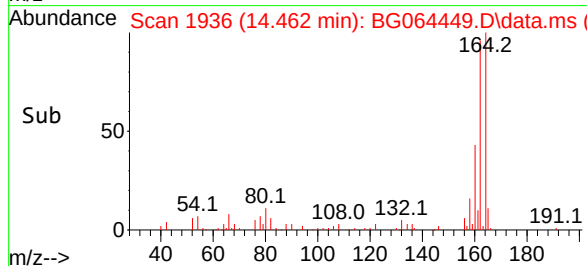
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:164 Resp: 55068
Ion Ratio Lower Upper
164 100
162 95.6 79.0 118.4
160 42.7 36.3 54.5

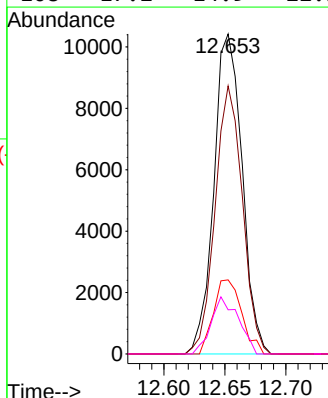
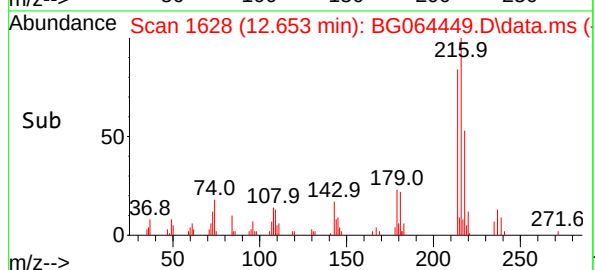
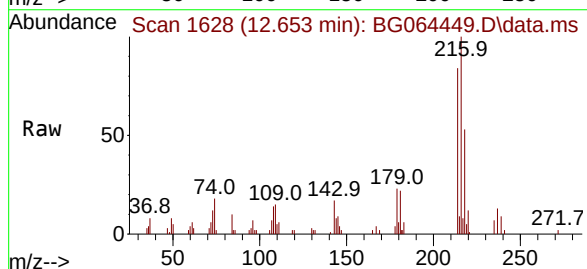
Manual Integrations
APPROVED

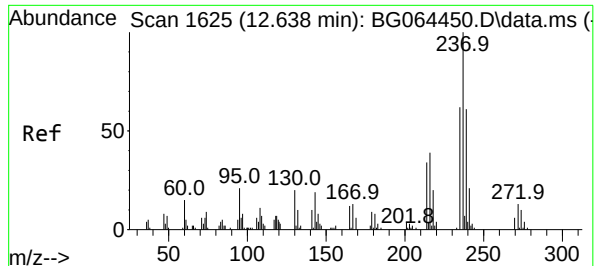
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.578 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

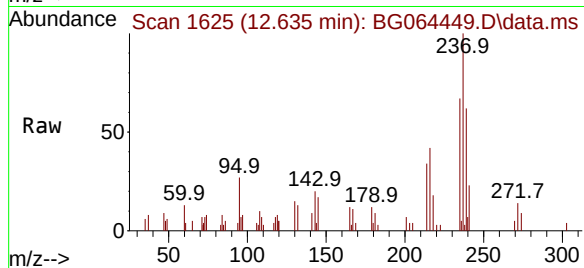
Tgt Ion:216 Resp: 16809
Ion Ratio Lower Upper
216 100
214 81.0 63.1 94.7
179 23.1 17.4 26.2
108 17.2 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 8.264 ng
RT: 12.635 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

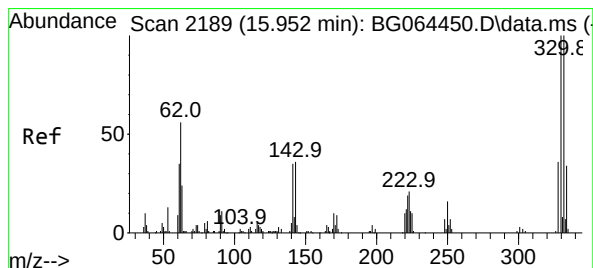
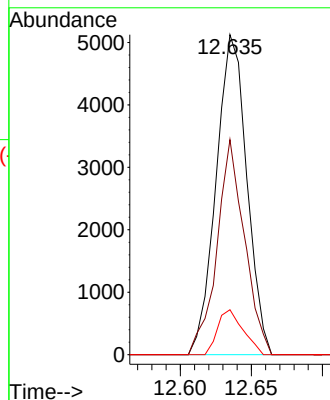
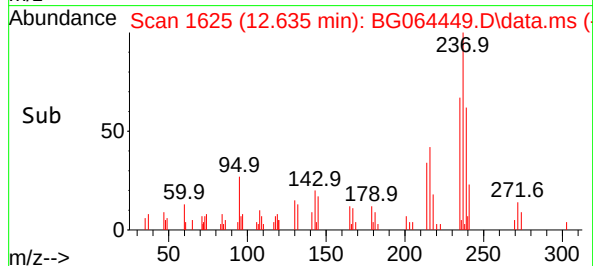
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



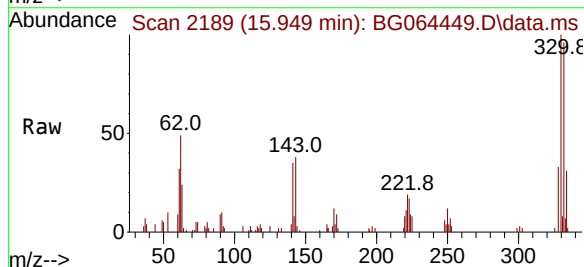
Tgt Ion: 237 Resp: 770
Ion Ratio Lower Upper
237 100
235 67.2 42.2 82.2
272 14.0 0.0 32.8

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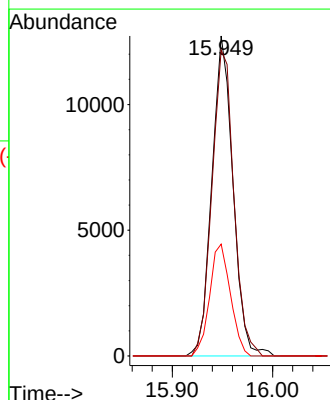
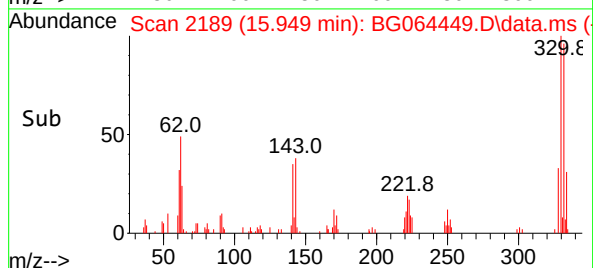
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

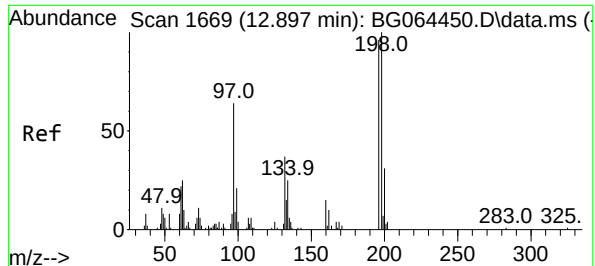


#42
2,4,6-Tribromophenol
Concen: 19.324 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



Tgt Ion: 330 Resp: 18577
Ion Ratio Lower Upper
330 100
332 98.9 78.8 118.2
141 34.5 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 9.742 ng

RT: 12.893 min Scan# 1669

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

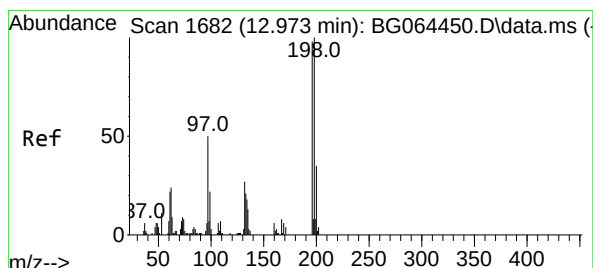
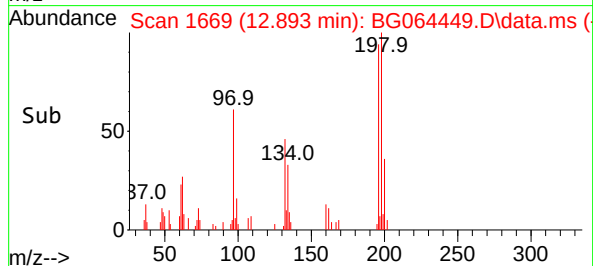
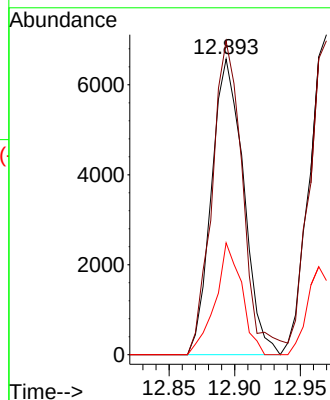
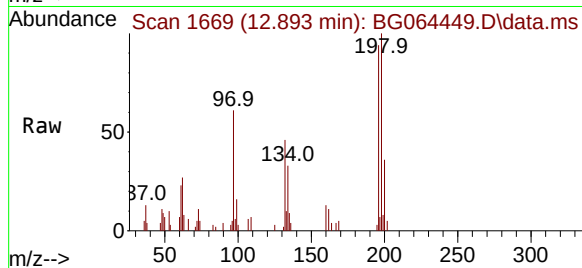
Tgt Ion	196	Resp	1115
Ion Ratio	Lower	Upper	
196	100		
198	106.0	83.8	125.6
200	37.8	26.1	39.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 10.191 ng

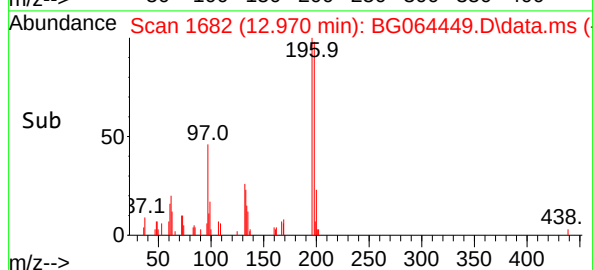
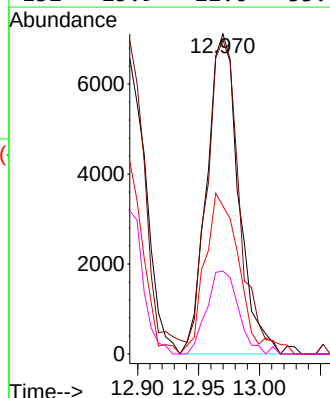
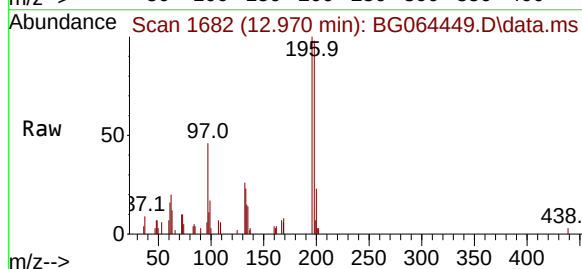
RT: 12.970 min Scan# 1682

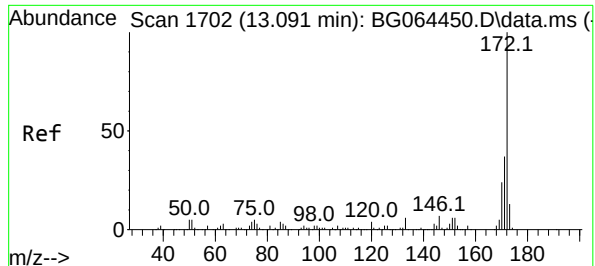
Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Tgt Ion	196	Resp	12933
Ion Ratio	Lower	Upper	
196	100		
198	98.1	80.9	121.3
97	46.2	40.5	60.7
132	25.9	22.6	33.8





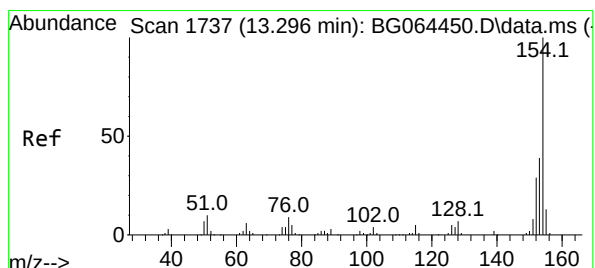
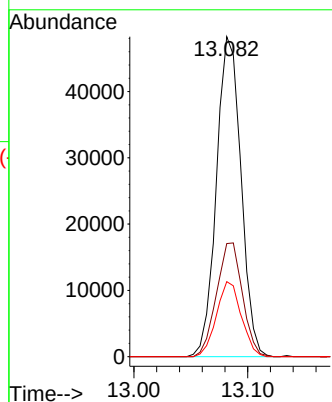
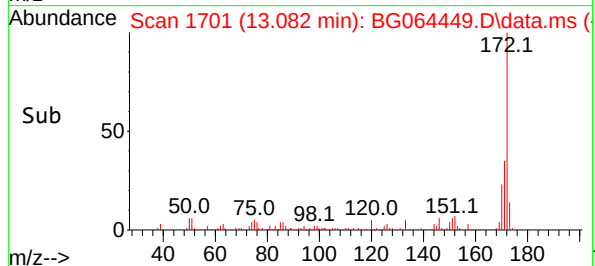
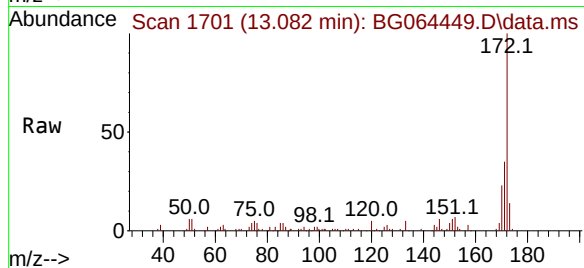
#45
2-Fluorobiphenyl
Concen: 19.444 ng
RT: 13.082 min Scan# 1702
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 7251
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.2
170 23.5 18.9 28.3

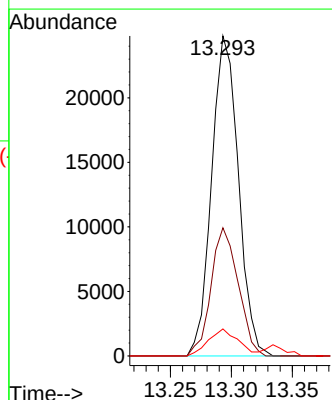
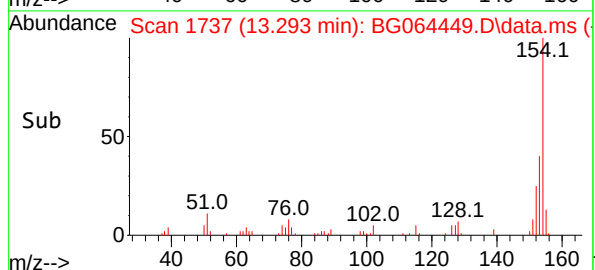
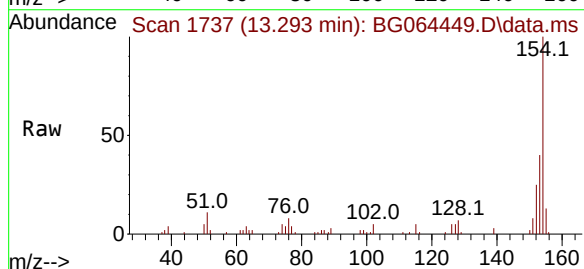
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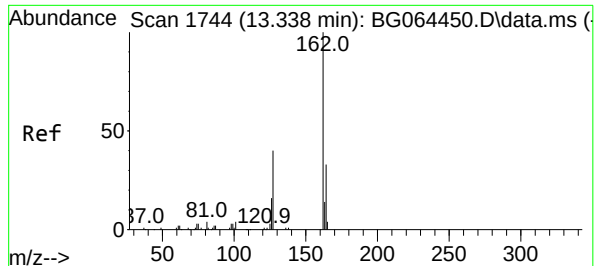
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 9.674 ng
RT: 13.293 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

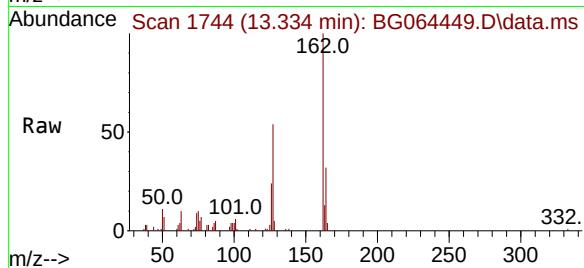
Tgt Ion:154 Resp: 37895
Ion Ratio Lower Upper
154 100
153 40.1 18.8 58.8
76 8.5 0.0 28.8





#47
2-Chloronaphthalene
Concen: 9.537 ng
RT: 13.334 min Scan# 1744
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

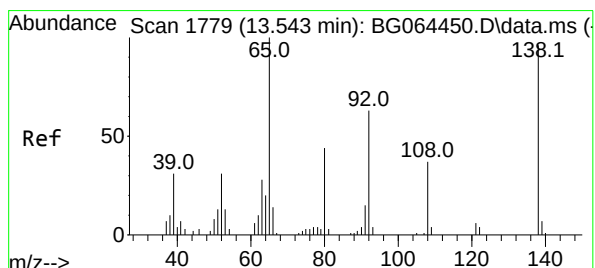
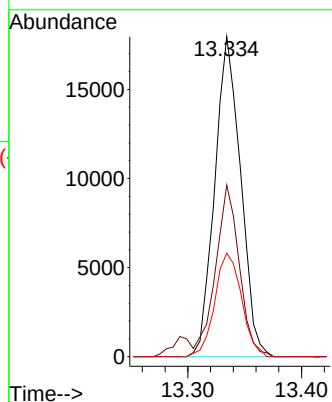
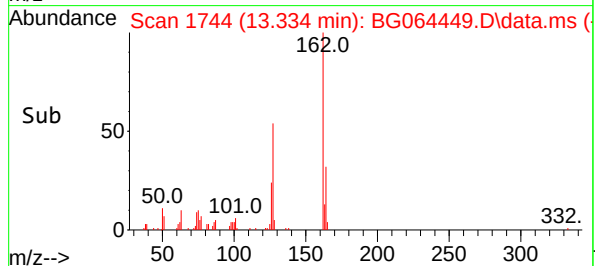
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 2839
Ion Ratio Lower Upper
162 100
127 53.6 36.2 54.4
164 32.3 26.2 39.2

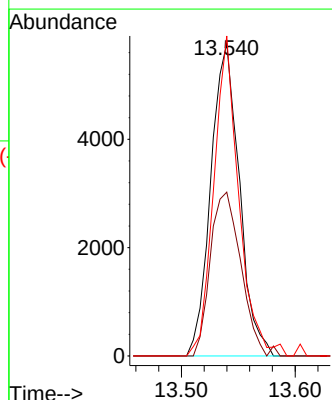
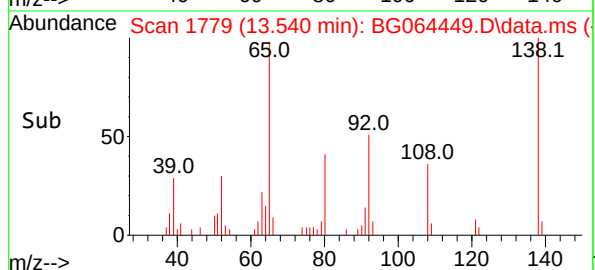
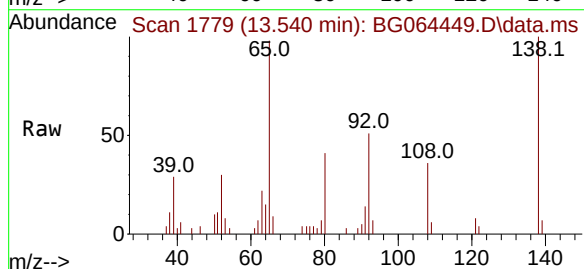
Manual Integrations
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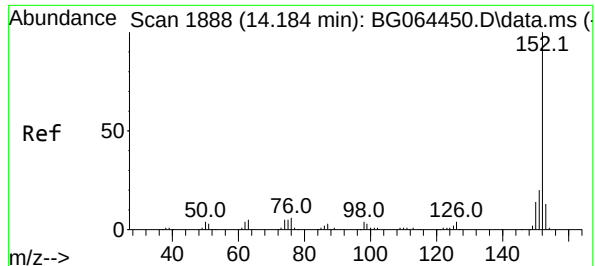
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 9.825 ng
RT: 13.540 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion: 65 Resp: 10054
Ion Ratio Lower Upper
65 100
92 52.4 50.6 75.8
138 102.4 76.4 114.6





#49

Acenaphthylene

Concen: 9.671 ng

RT: 14.180 min Scan# 1888

Delta R.T. -0.003 min

Lab File: BG064449.D

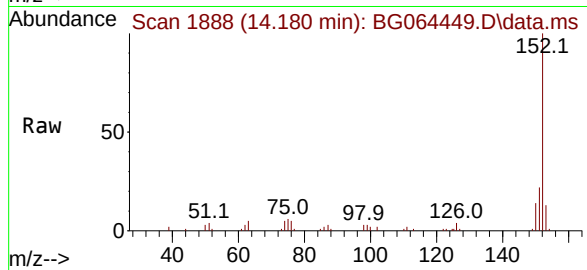
Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



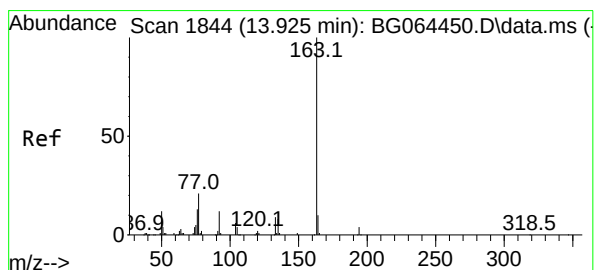
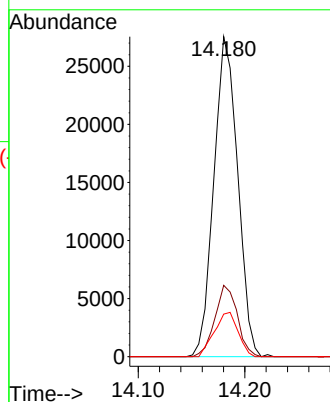
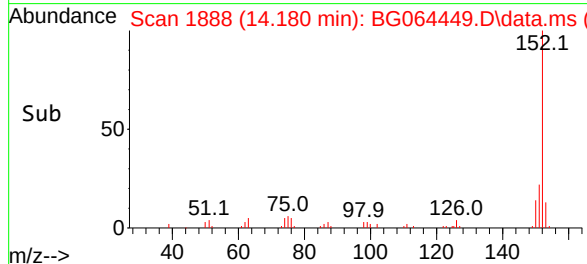
Tgt Ion:	152	Resp:	42749
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.3	24.5
153	13.3	10.6	16.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

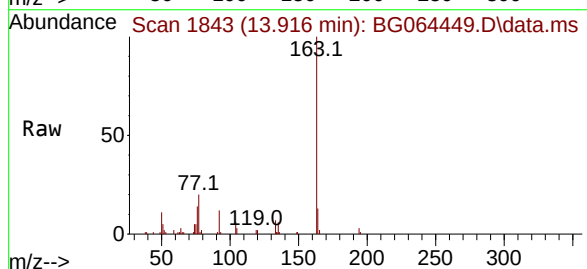
Concen: 10.132 ng

RT: 13.916 min Scan# 1843

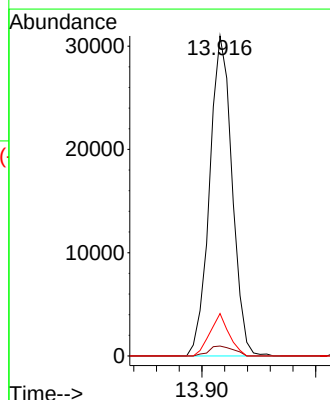
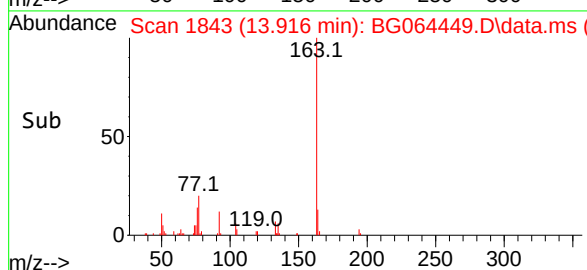
Delta R.T. -0.009 min

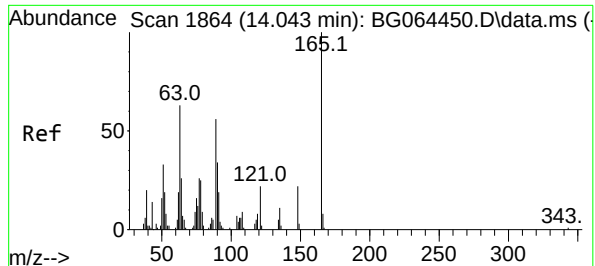
Lab File: BG064449.D

Acq: 25 Sep 2025 18:04



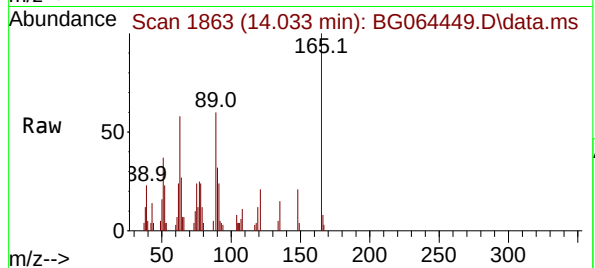
Tgt Ion:	163	Resp:	42626
Ion Ratio	Lower	Upper	
163	100		
194	3.1	3.0	4.4
164	13.2	8.2	12.2#





#51
2,6-Dinitrotoluene
Concen: 9.931 ng
RT: 14.033 min Scan# 1864
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

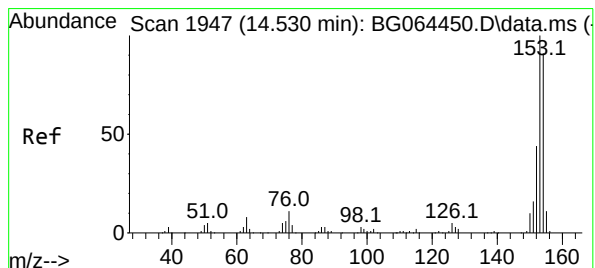
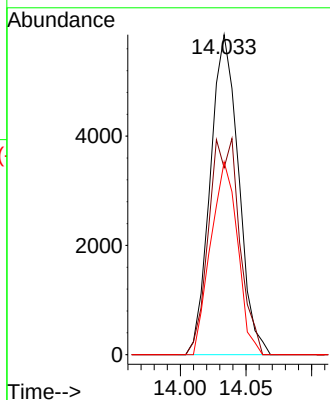
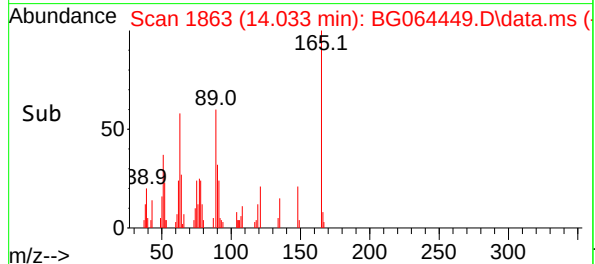
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 877
Ion Ratio Lower Upper
165 100
63 58.4 50.6 75.8
89 60.3 44.6 67.0

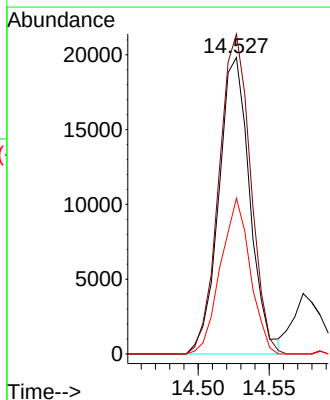
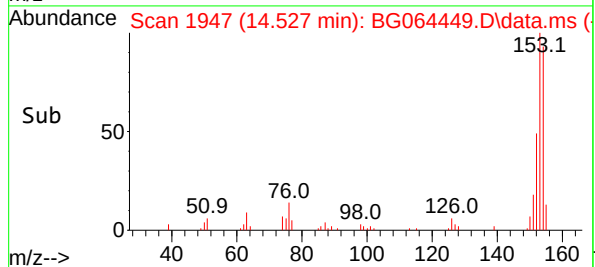
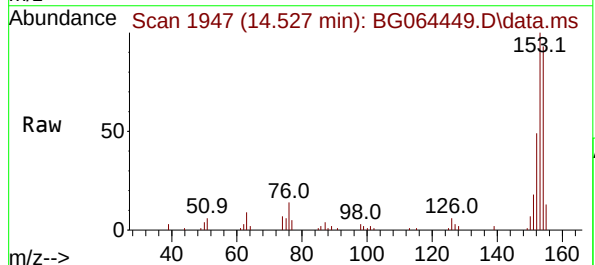
Manual Integrations
APPROVED

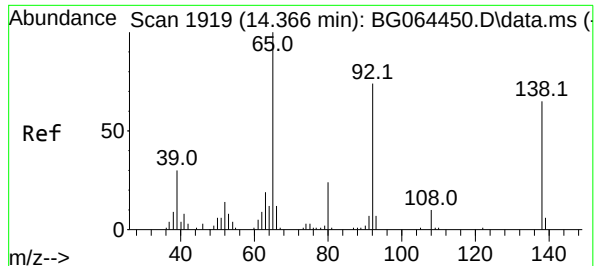
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 9.969 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

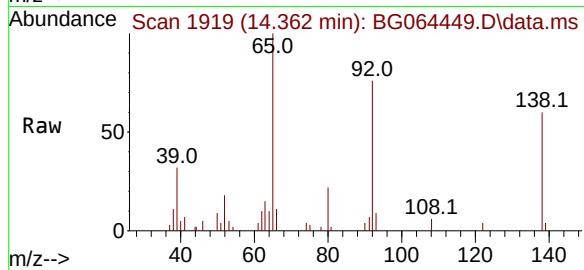
Tgt Ion:154 Resp: 30154
Ion Ratio Lower Upper
154 100
153 108.0 88.1 132.1
152 52.5 39.0 58.4





#53
3-Nitroaniline
Concen: 9.218 ng
RT: 14.362 min Scan# 1919
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

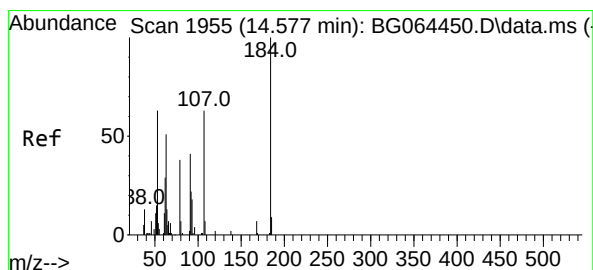
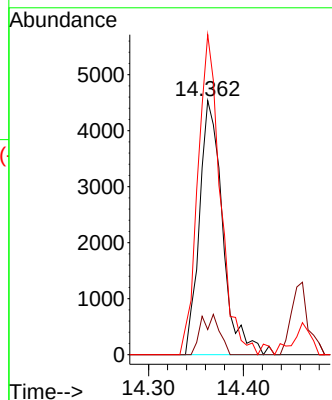
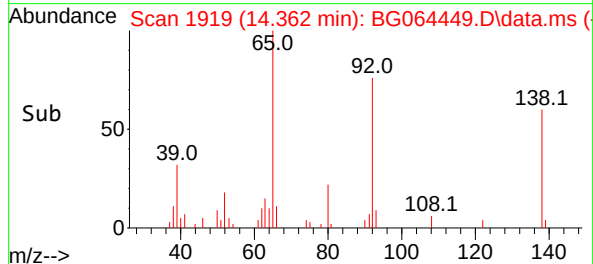
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:138 Resp: 7718
Ion Ratio Lower Upper
138 100
108 9.9 12.4 18.6
92 126.0 91.0 136.6

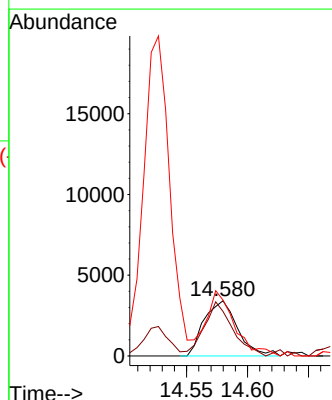
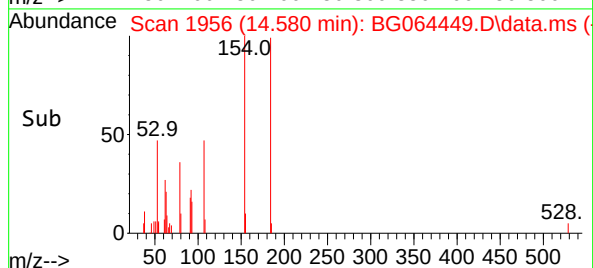
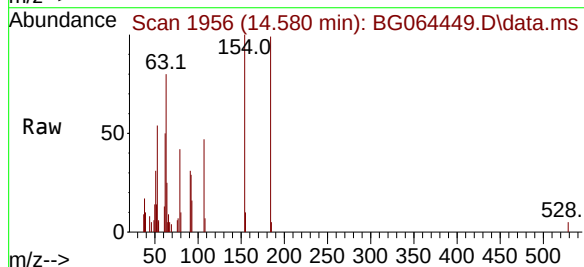
Manual Integrations
APPROVED

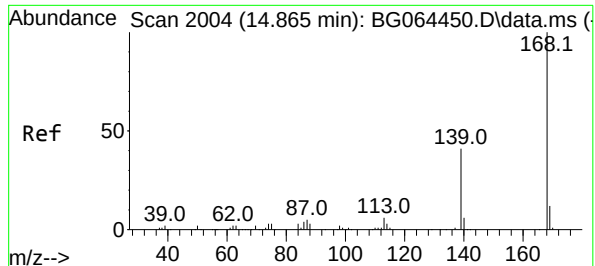
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 11.146 ng
RT: 14.580 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:184 Resp: 6541
Ion Ratio Lower Upper
184 100
63 80.9 69.8 104.8
154 101.3 74.2 111.4





#55

Dibenzenofuran

Concen: 9.756 ng

RT: 14.862 min Scan# 2004

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 48928

Ion Ratio Lower Upper

168 100

139 45.5 33.3 49.9

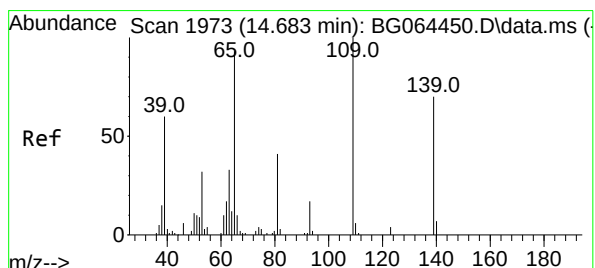
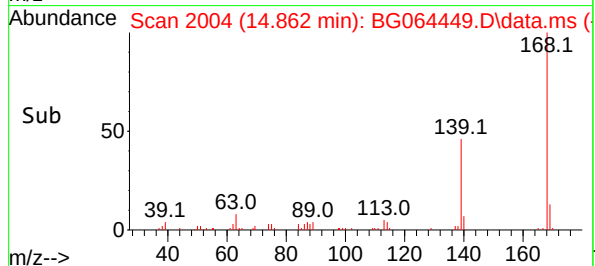
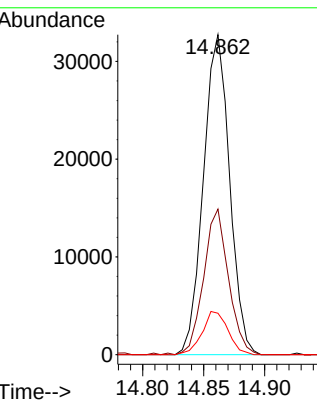
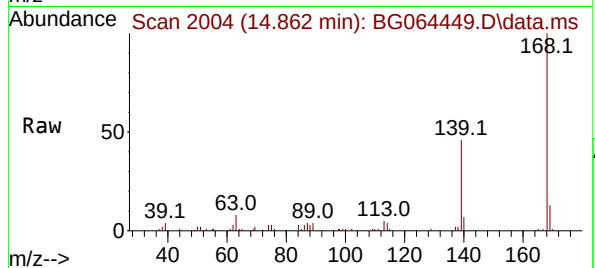
169 13.0 9.9 14.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#56

4-Nitrophenol

Concen: 8.865 ng

RT: 14.680 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

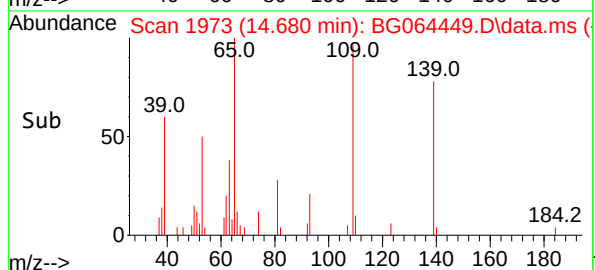
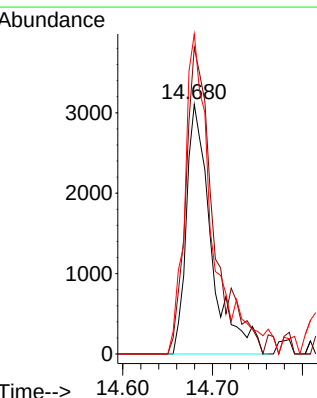
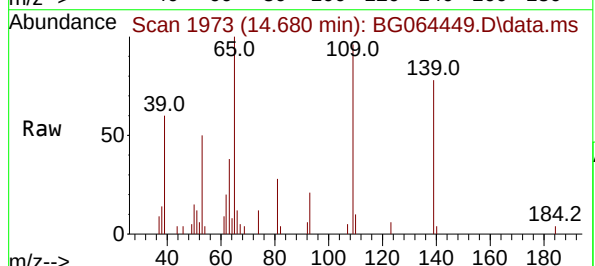
Tgt Ion:139 Resp: 6008

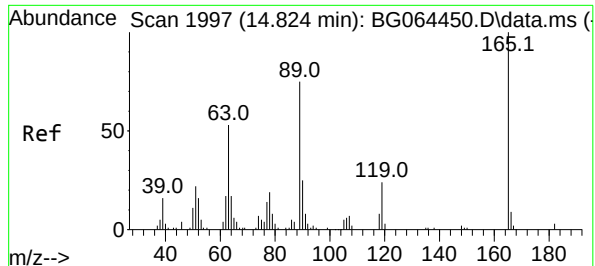
Ion Ratio Lower Upper

139 100

109 122.7 122.5 162.5

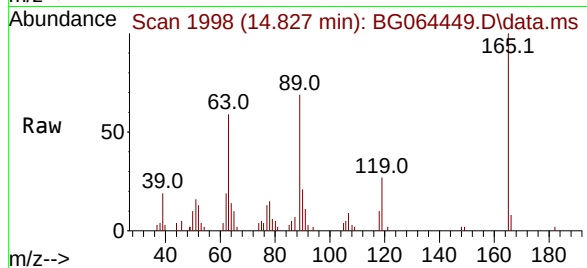
65 128.2 113.0 153.0





#57
2,4-Dinitrotoluene
Concen: 9.760 ng
RT: 14.827 min Scan# 1997
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

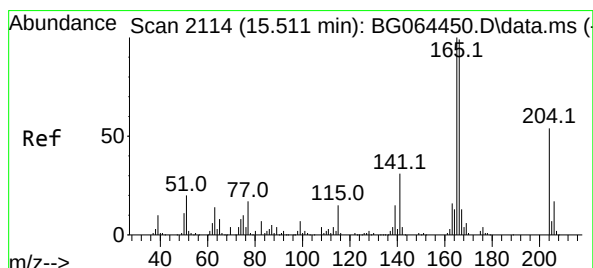
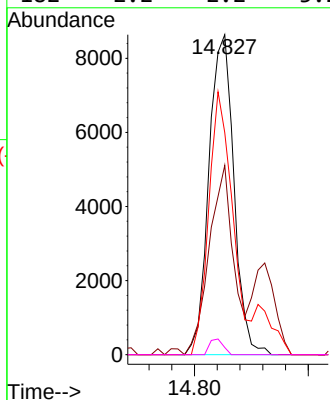
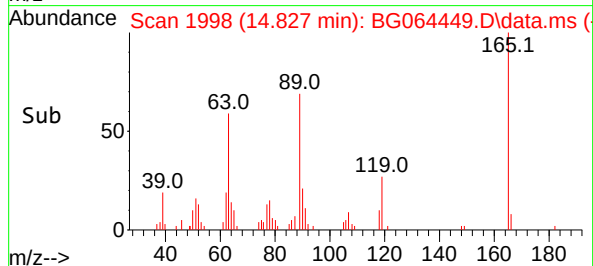
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



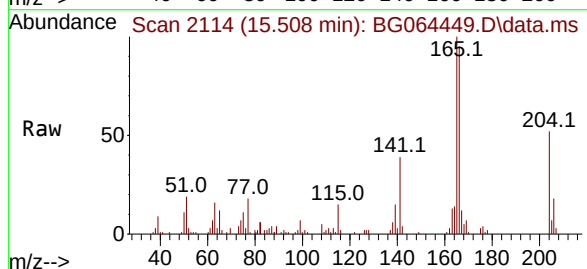
Tgt Ion:165 Resp: 1316
Ion Ratio Lower Upper
165 100
63 59.1 42.6 63.8
89 69.4 59.7 89.5
182 2.2 2.2 3.2

Manual Integrations
APPROVED

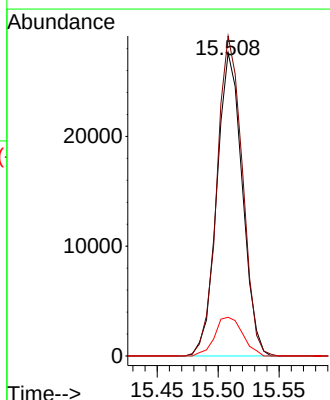
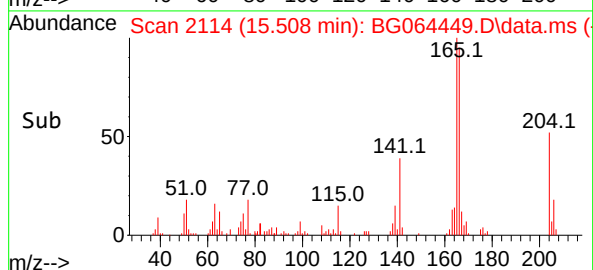
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

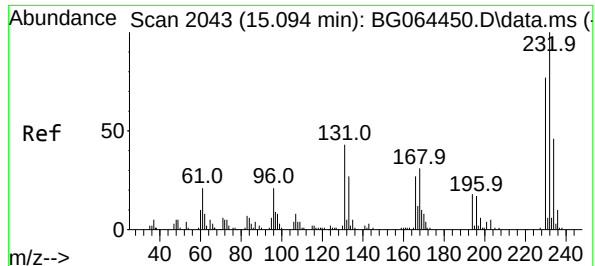


#58
Fluorene
Concen: 9.689 ng
RT: 15.508 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



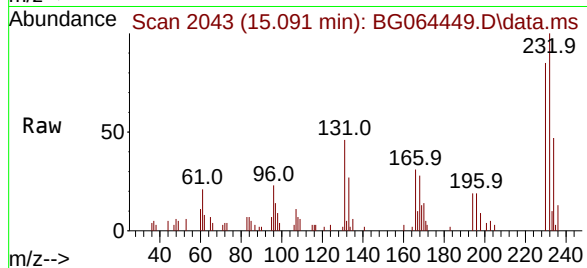
Tgt Ion:166 Resp: 40115
Ion Ratio Lower Upper
166 100
165 105.6 81.1 121.7
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.637 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

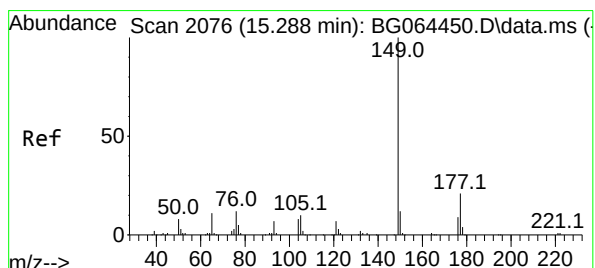
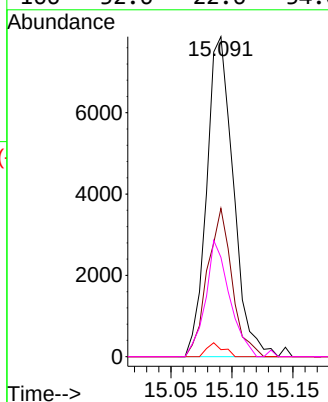
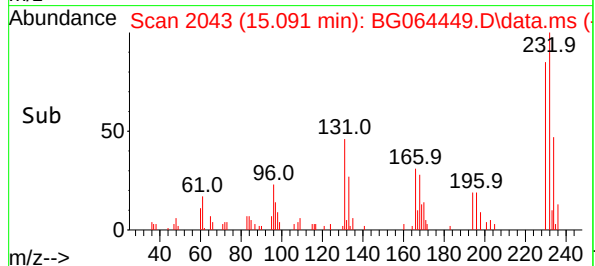
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



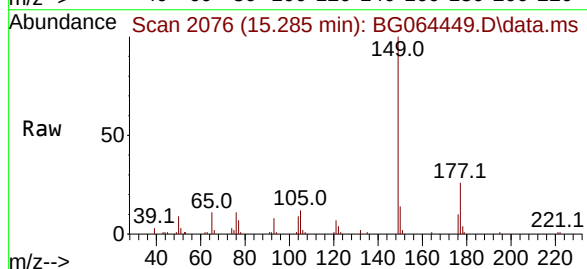
Tgt Ion:232 Resp: 12004
Ion Ratio Lower Upper
232 100
131 42.8 34.3 51.5
130 2.7 2.3 3.5
166 32.6 22.6 34.0

Manual Integrations
APPROVED

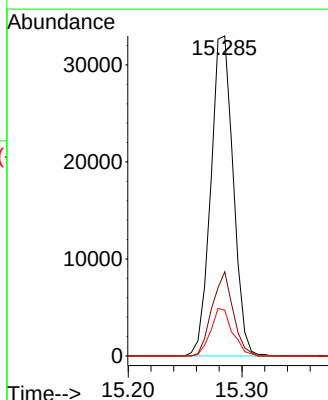
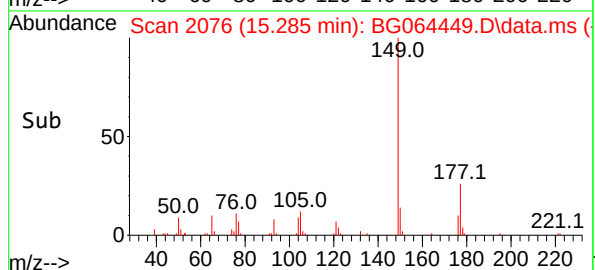
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

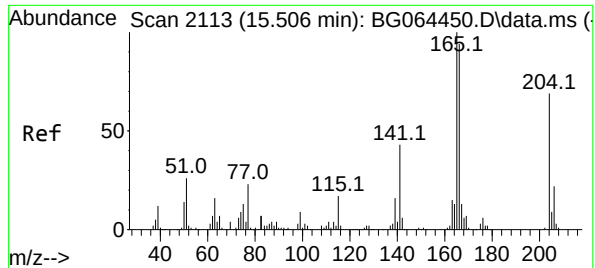


#60
Diethylphthalate
Concen: 9.967 ng
RT: 15.285 min Scan# 2076
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



Tgt Ion:149 Resp: 45179
Ion Ratio Lower Upper
149 100
177 26.3 17.1 25.7#
150 14.3 9.5 14.3





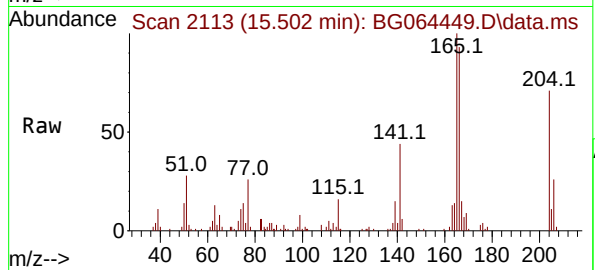
#61
4-Chlorophenyl-phenylether
Concen: 9.746 ng
RT: 15.502 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

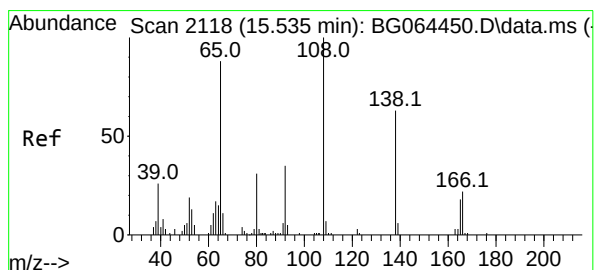
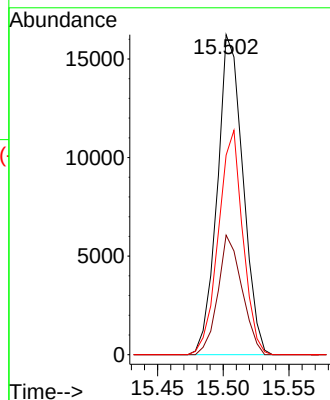
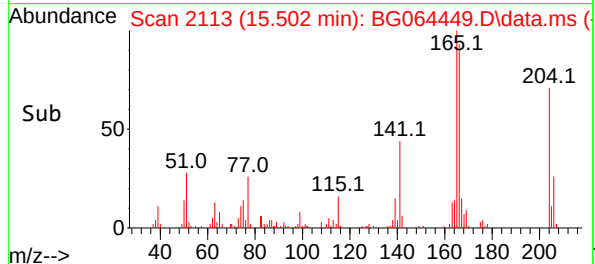


Tgt Ion:204 Resp: 22034
Ion Ratio Lower Upper
204 100
206 37.4 25.0 37.6
141 62.4 49.7 74.5

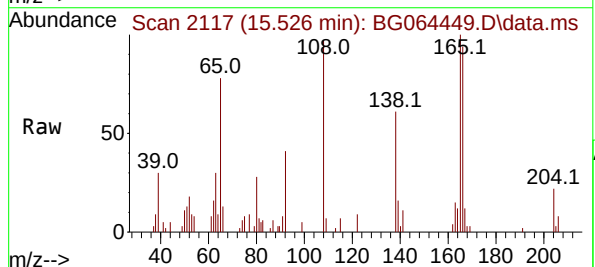
Manual Integrations

APPROVED

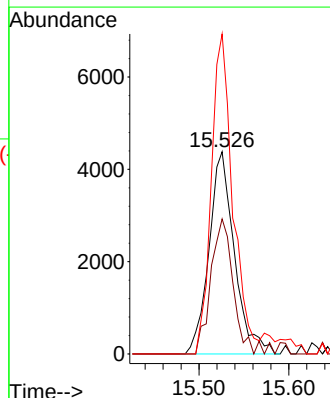
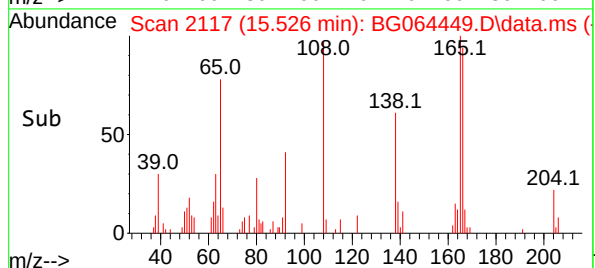
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

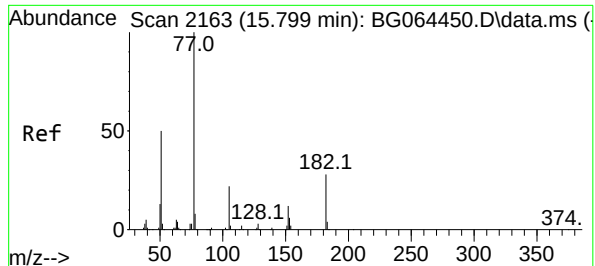


#62
4-Nitroaniline
Concen: 9.588 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04



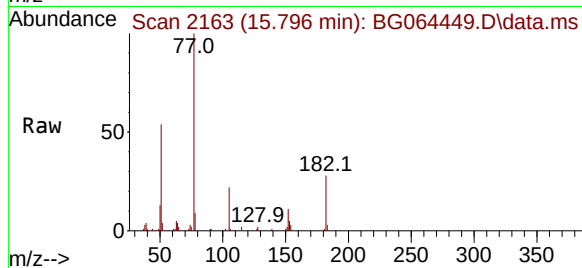
Tgt Ion:138 Resp: 8608
Ion Ratio Lower Upper
138 100
92 66.7 35.0 75.0
108 158.2 137.5 177.5





#63
Azobenzene
Concen: 9.833 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

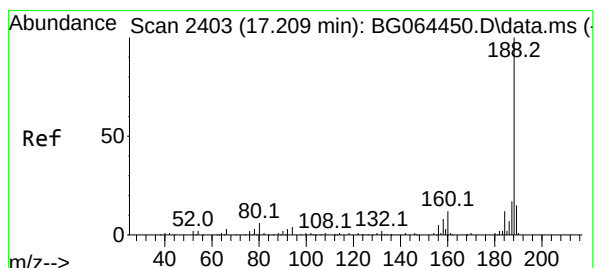
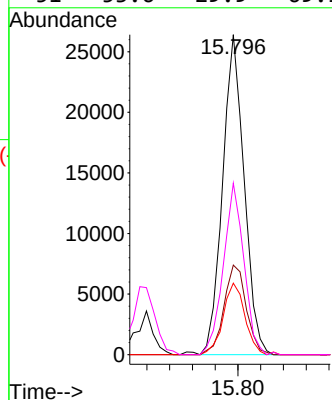
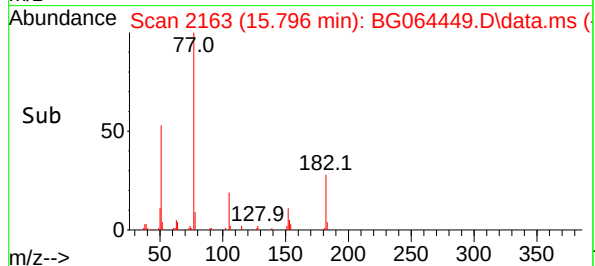
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 3487
Ion Ratio Lower Upper
77 100
182 28.0 8.1 48.1
105 22.4 1.9 41.9
51 53.6 29.9 69.9

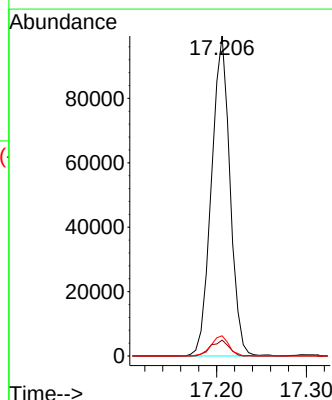
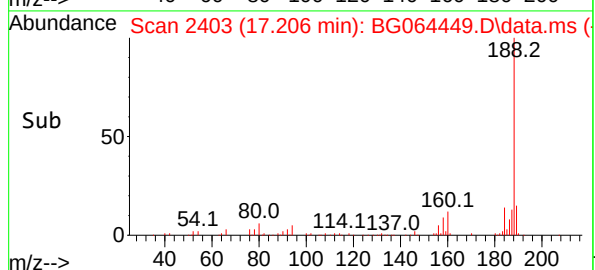
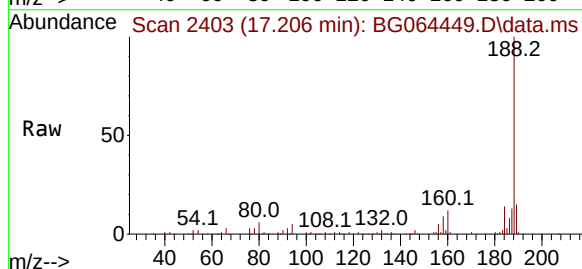
Manual Integrations
APPROVED

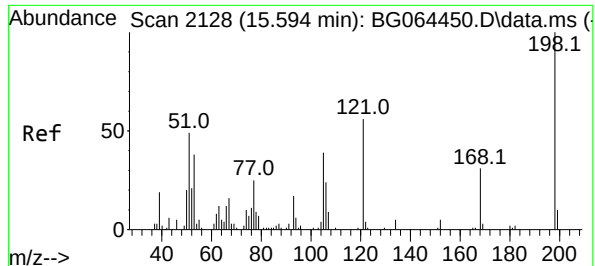
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:188 Resp: 142229
Ion Ratio Lower Upper
188 100
94 5.0 3.0 4.4#
80 6.3 4.9 7.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.767 ng

RT: 15.590 min Scan# 2128

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 854

Ion Ratio Lower Upper

198 100

51 54.9 30.8 70.8

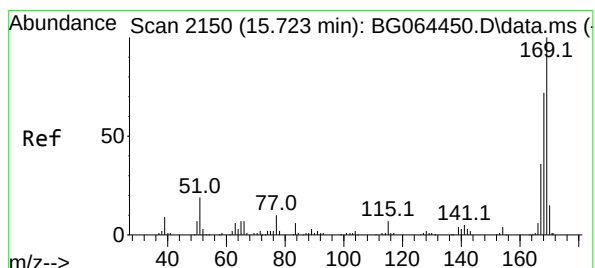
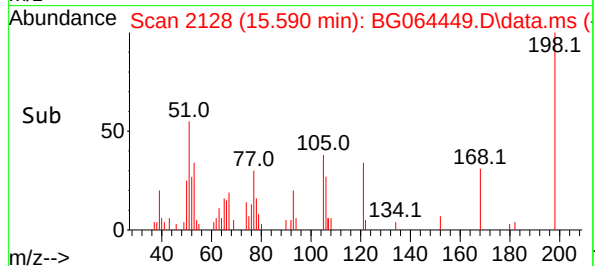
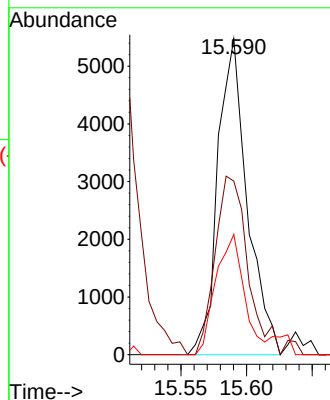
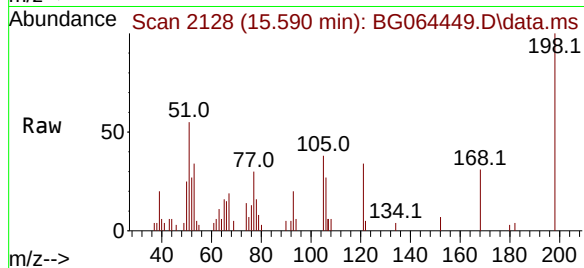
105 38.0 19.3 59.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#66

n-Nitrosodiphenylamine

Concen: 9.757 ng

RT: 15.720 min Scan# 2150

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

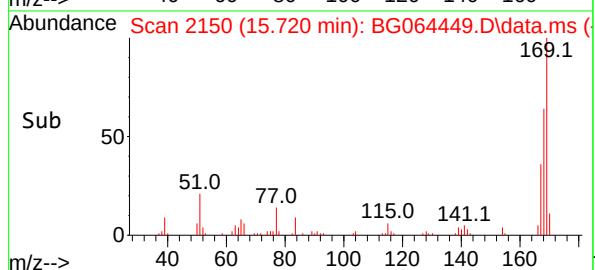
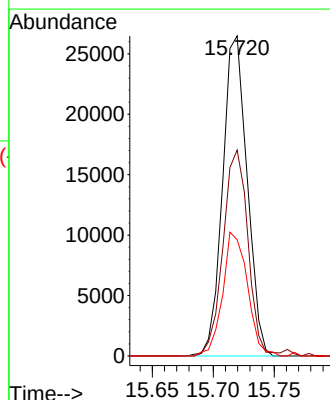
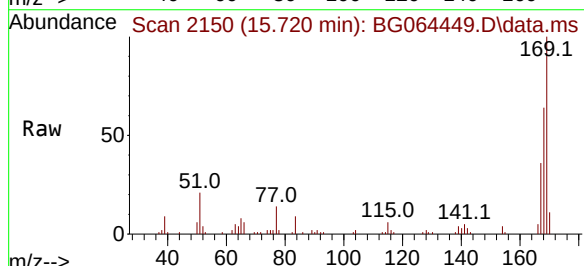
Tgt Ion:169 Resp: 37030

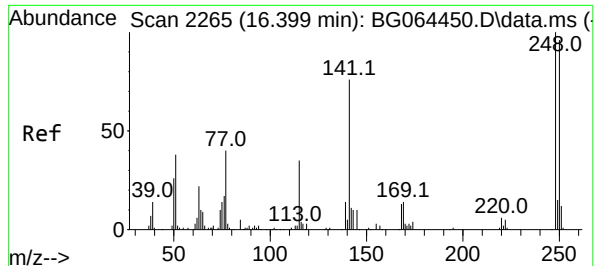
Ion Ratio Lower Upper

169 100

168 64.4 57.7 86.5

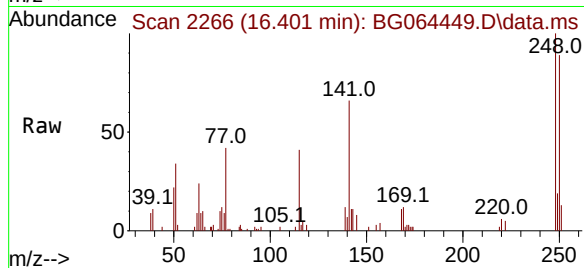
167 36.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 9.462 ng
RT: 16.401 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

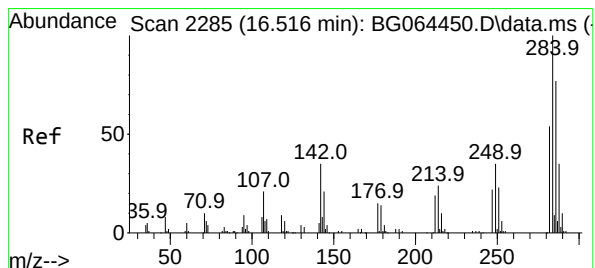
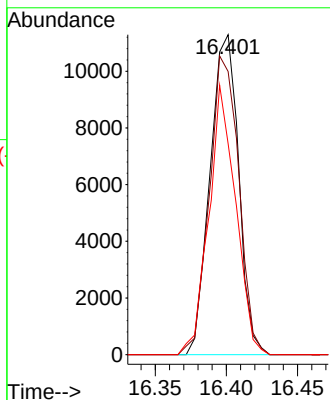
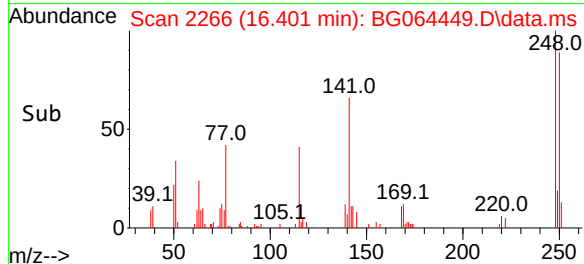
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 15768
Ion Ratio Lower Upper
248 100
250 88.5 77.0 115.6
141 65.9 61.1 91.7

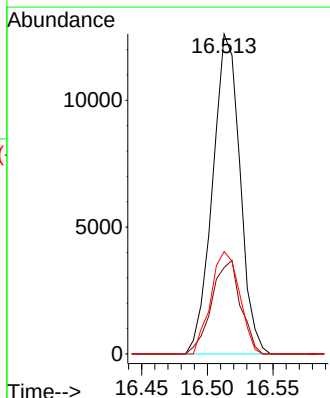
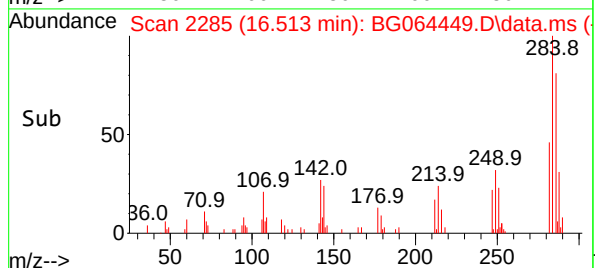
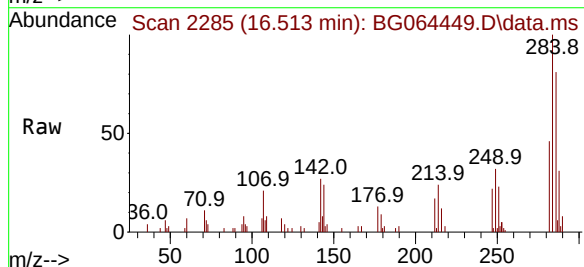
Manual Integrations
APPROVED

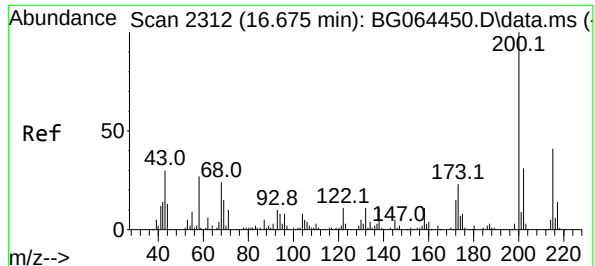
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#68
Hexachlorobenzene
Concen: 9.622 ng
RT: 16.513 min Scan# 2285
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:284 Resp: 18248
Ion Ratio Lower Upper
284 100
142 27.0 27.9 41.9#
249 32.0 27.7 41.5





#69

Atrazine

Concen: 10.125 ng

RT: 16.666 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

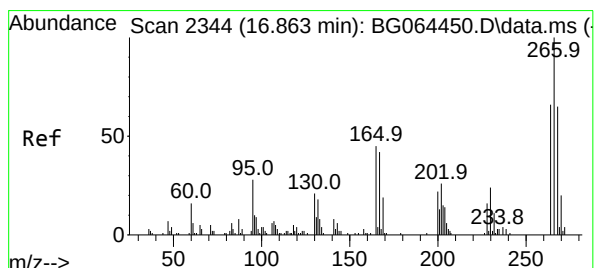
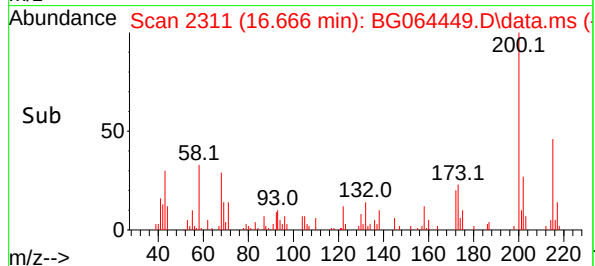
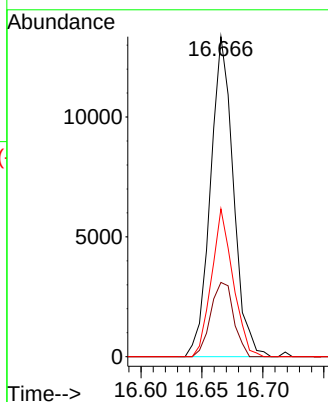
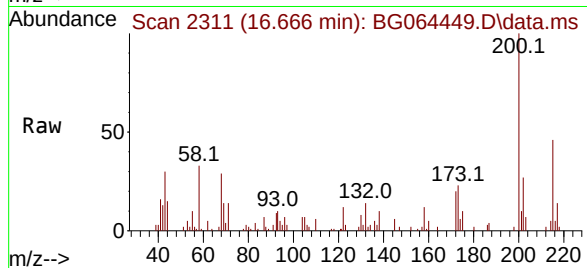
Tgt Ion	200	Resp:	1745
Ion Ratio	Lower	Upper	
200	100		
173	23.2	2.9	42.9
215	46.2	21.1	61.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 7.998 ng

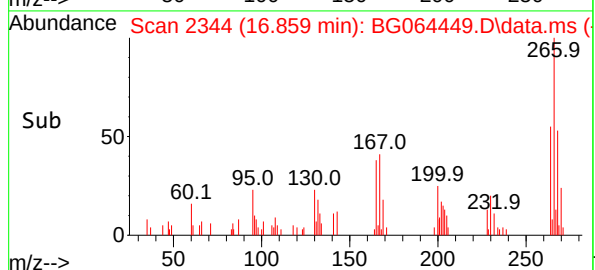
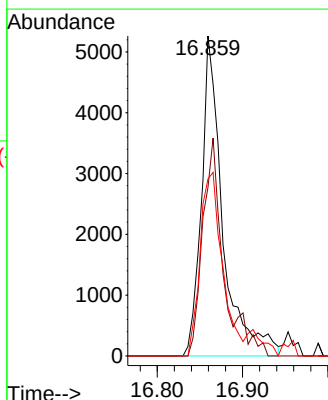
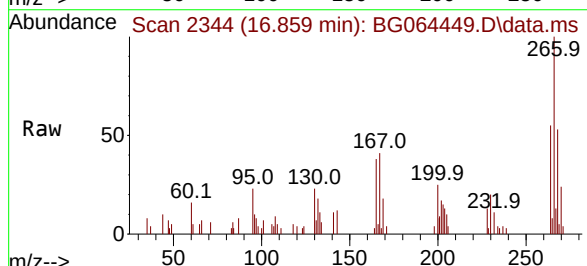
RT: 16.859 min Scan# 2344

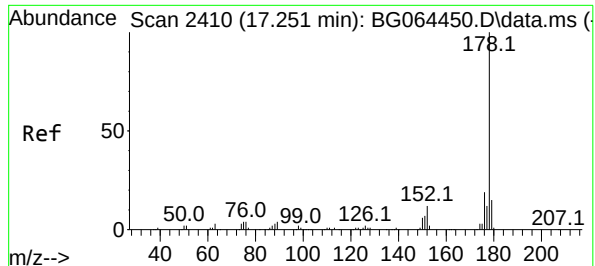
Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

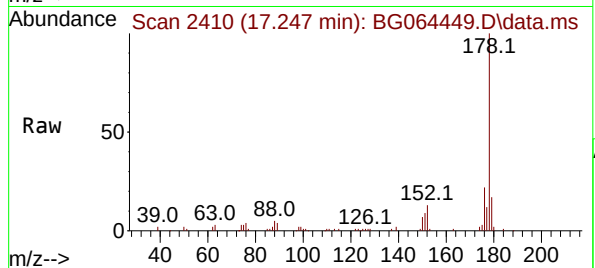
Tgt Ion	266	Resp:	9154
Ion Ratio	Lower	Upper	
266	100		
268	57.8	51.9	77.9
264	55.3	52.4	78.6





#71
Phenanthrene
Concen: 9.626 ng
RT: 17.247 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

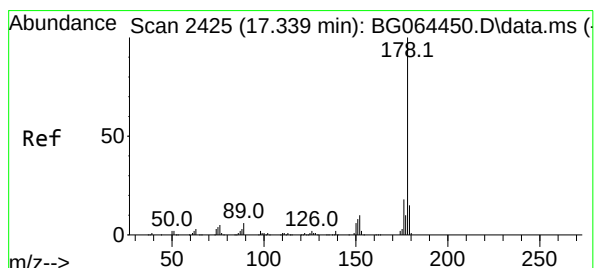
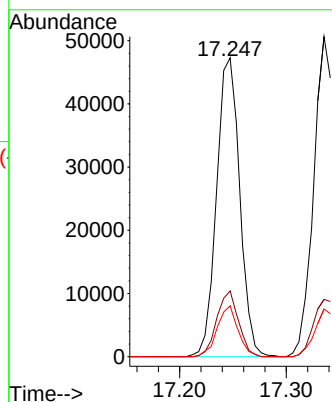
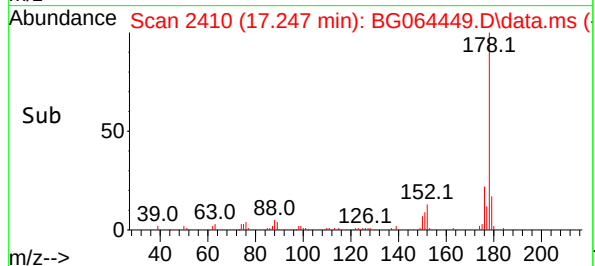
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 7116
Ion Ratio Lower Upper
178 100
176 22.0 14.9 22.3
179 17.1 12.4 18.6

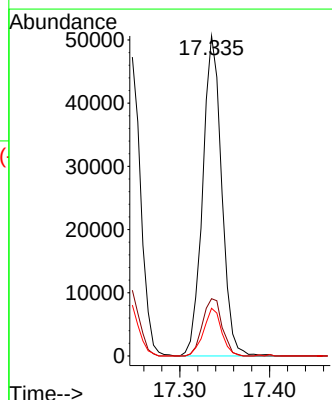
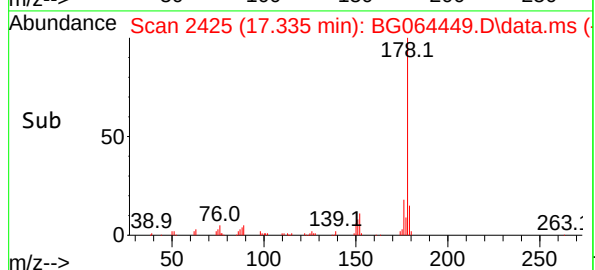
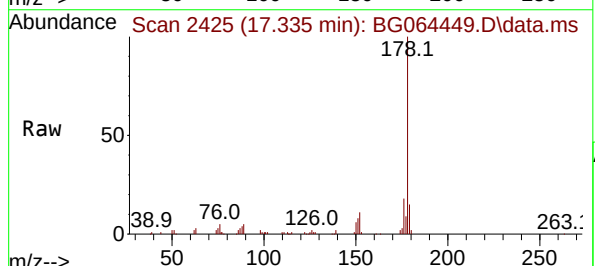
Manual Integrations
APPROVED

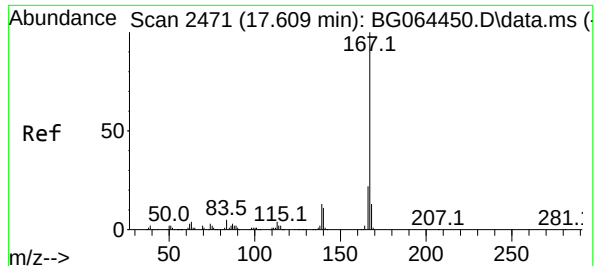
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 9.876 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

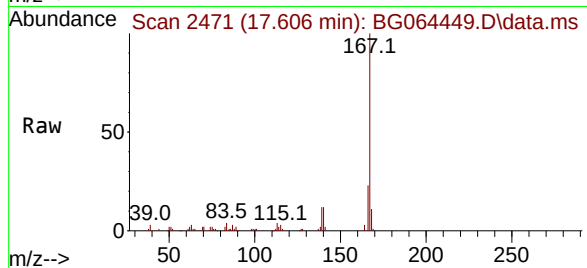
Tgt Ion:178 Resp: 74346
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 14.9 11.9 17.9





#73
Carbazole
Concen: 9.966 ng
RT: 17.606 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

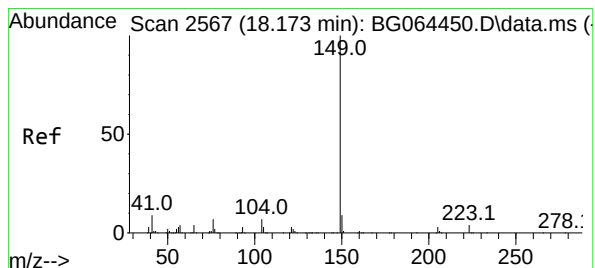
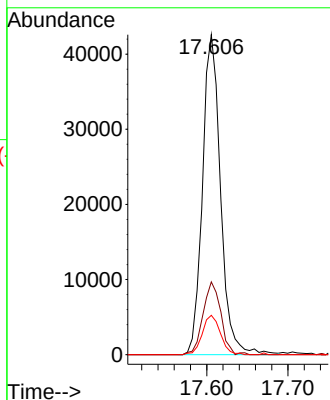
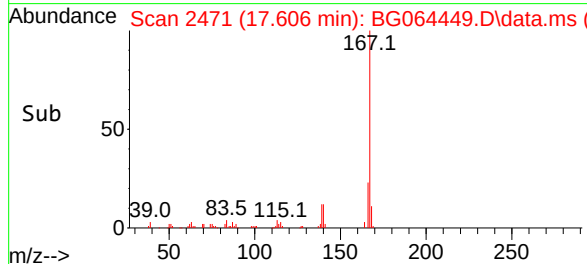
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 6581
Ion Ratio Lower Upper
167 100
166 22.8 17.4 26.2
139 12.3 10.2 15.2

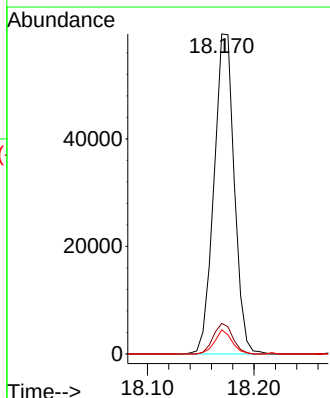
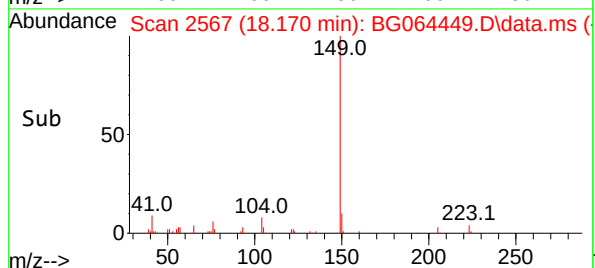
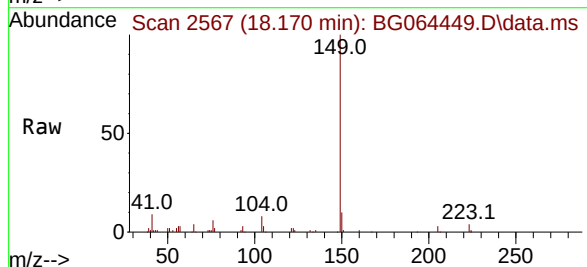
Manual Integrations
APPROVED

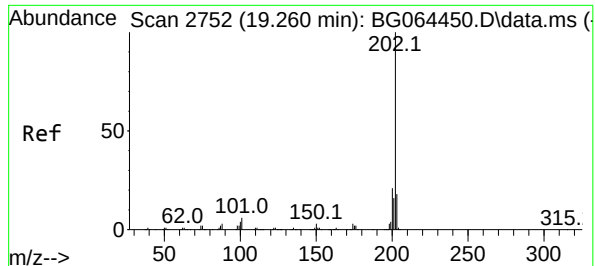
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 9.753 ng
RT: 18.170 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

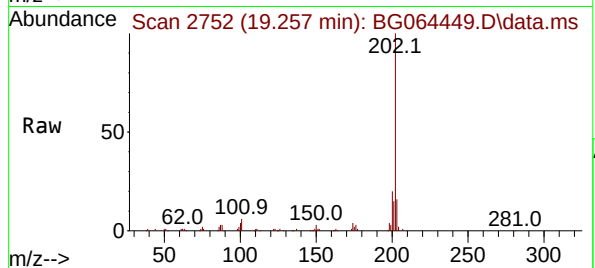
Tgt Ion:149 Resp: 78792
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 7.6 5.8 8.8





#75
Fluoranthene
Concen: 9.871 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

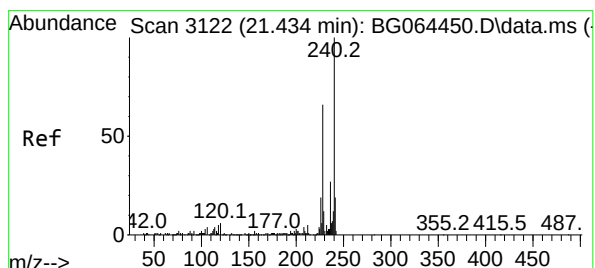
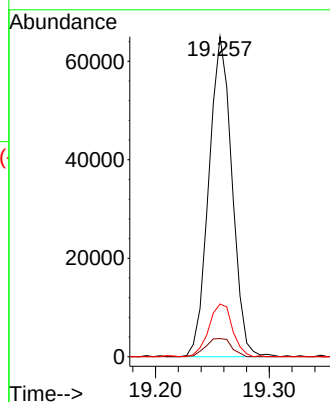
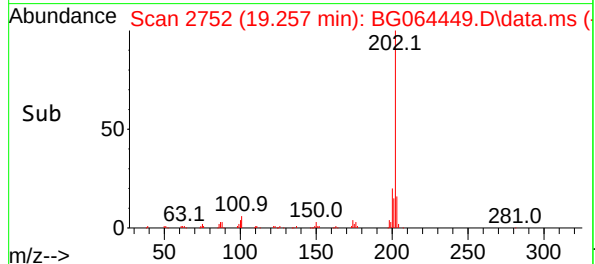
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 9215
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 16.4 0.0 37.7

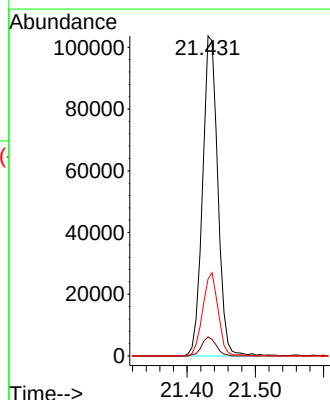
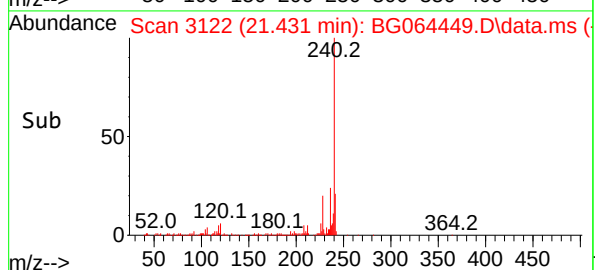
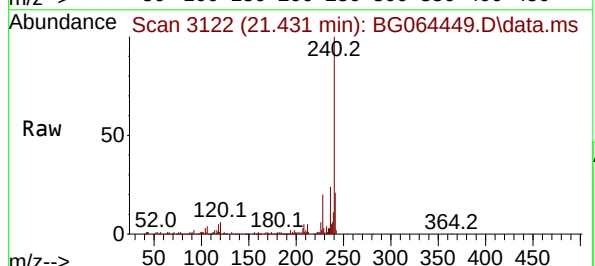
Manual Integrations
APPROVED

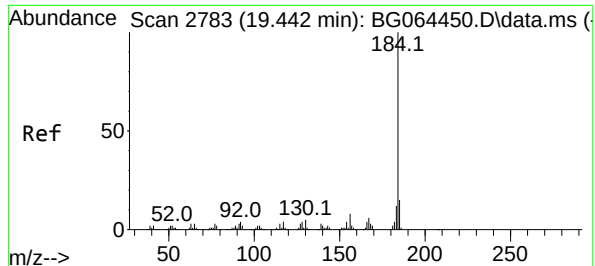
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:240 Resp: 161277
Ion Ratio Lower Upper
240 100
120 5.9 5.0 7.4
236 24.0 21.9 32.9





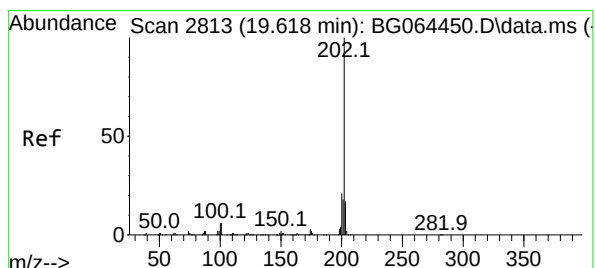
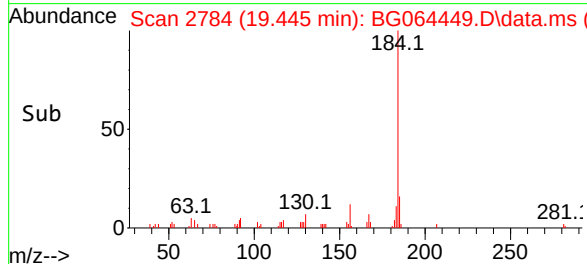
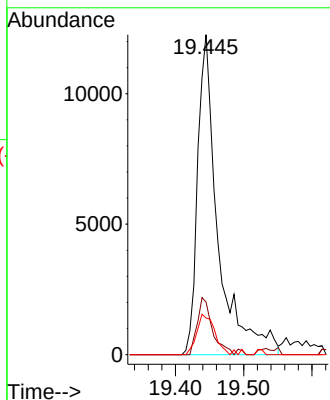
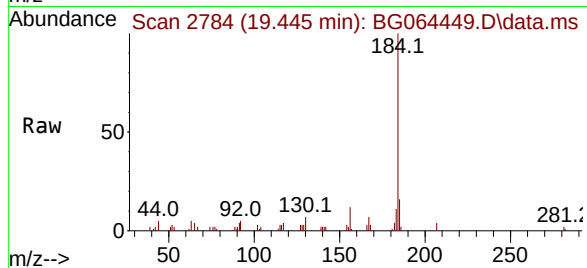
#77
Benzidine
Concen: 6.043 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 2551
Ion Ratio Lower Upper
184 100
185 16.4 11.7 17.5
183 11.4 10.0 15.0

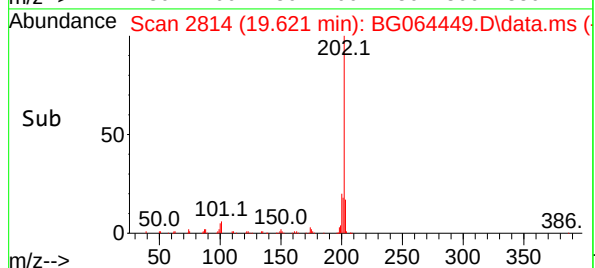
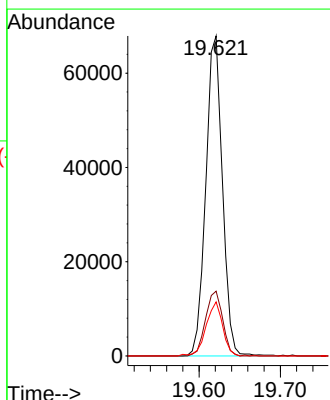
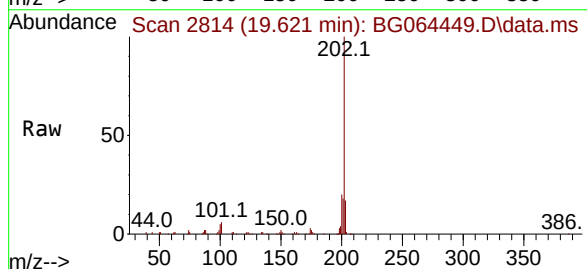
Manual Integrations
APPROVED

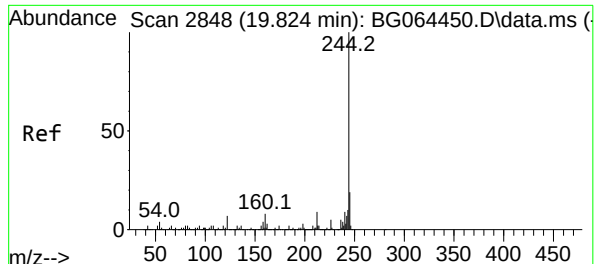
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 9.622 ng
RT: 19.621 min Scan# 2814
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

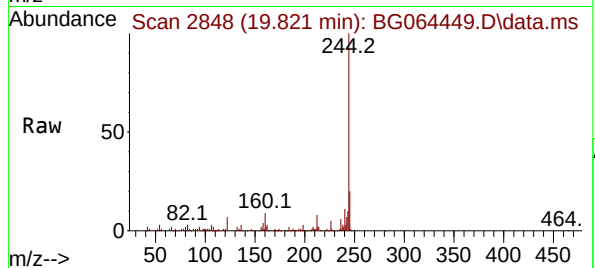
Tgt Ion:202 Resp: 96290
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 16.9 13.8 20.6





#79
Terphenyl-d14
Concen: 19.439 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

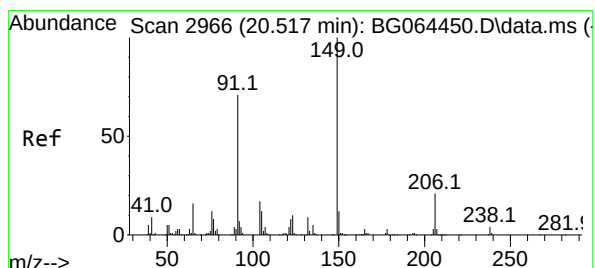
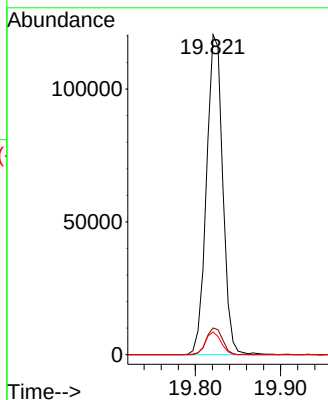
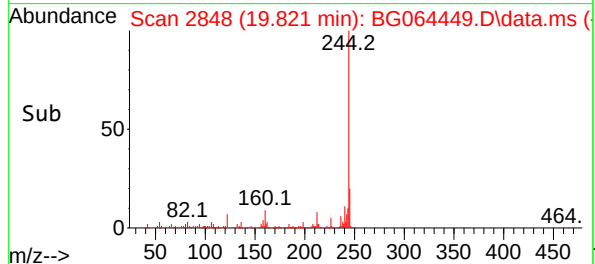
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 159040
Ion Ratio Lower Upper
244 100
212 8.4 7.2 10.8
122 7.1 5.7 8.5

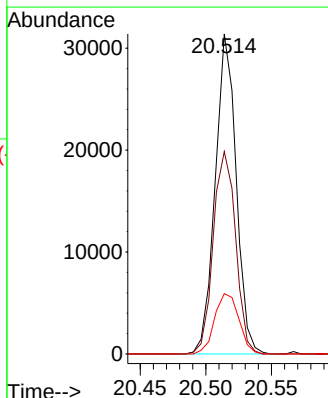
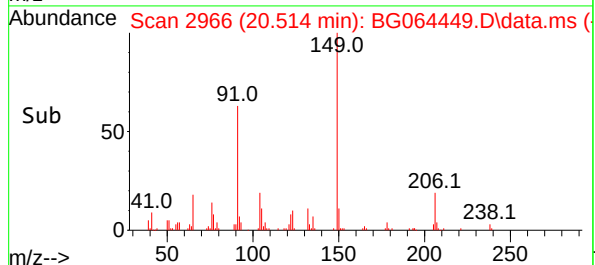
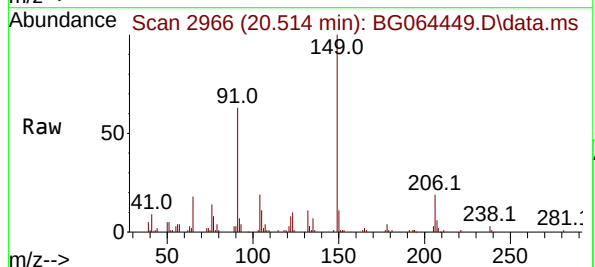
Manual Integrations
APPROVED

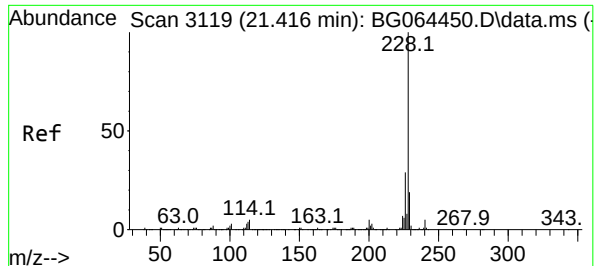
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 9.313 ng
RT: 20.514 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

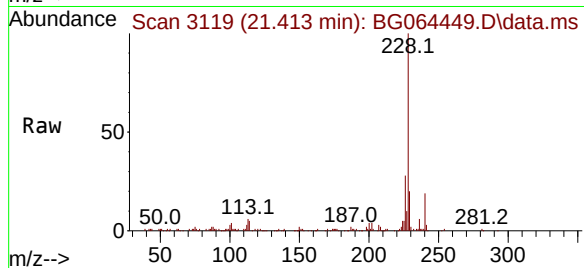
Tgt Ion:149 Resp: 34833
Ion Ratio Lower Upper
149 100
91 63.3 56.6 84.8
206 18.9 16.8 25.2





#81
Benzo(a)anthracene
Concen: 9.557 ng
RT: 21.413 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

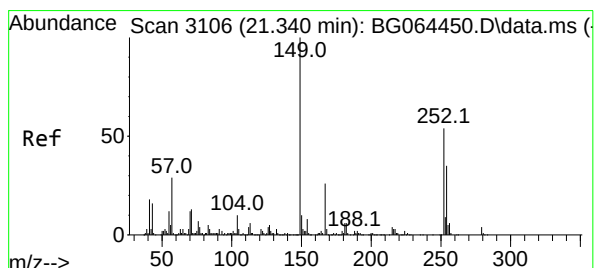
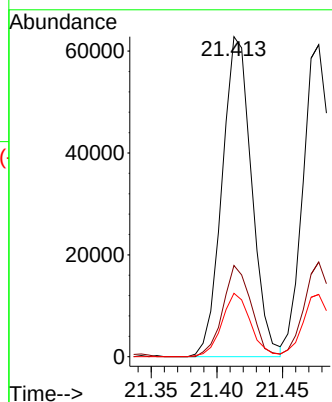
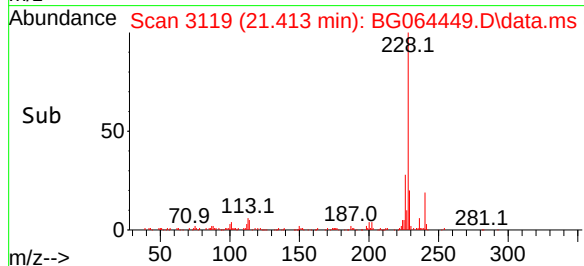
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 98685
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.6
229 19.8 15.1 22.7

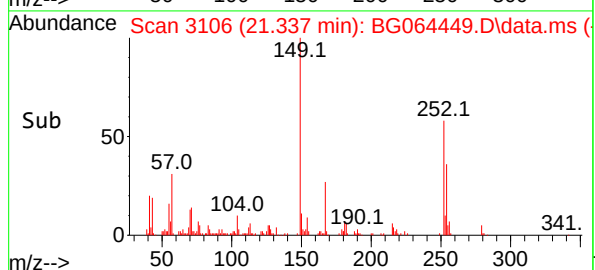
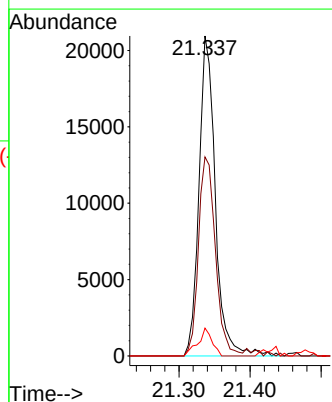
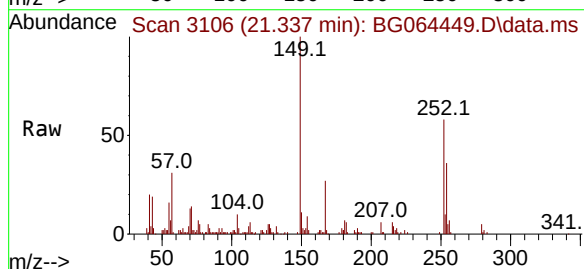
Manual Integrations
APPROVED

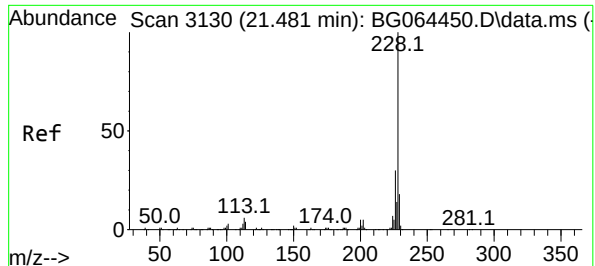
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.445 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:252 Resp: 33544
Ion Ratio Lower Upper
252 100
254 62.2 51.8 77.8
126 8.7 5.9 8.9





#83

Chrysene

Concen: 9.703 ng

RT: 21.478 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 9488

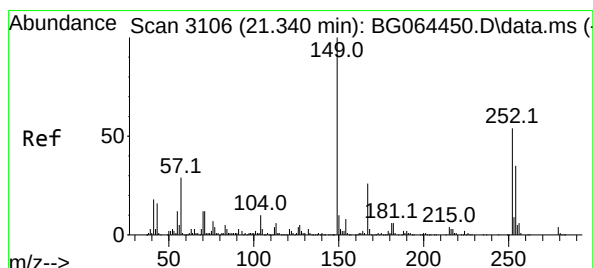
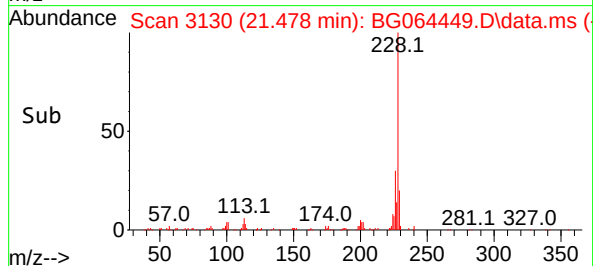
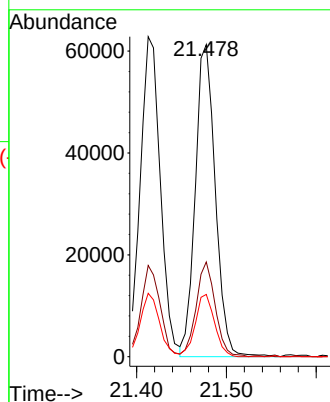
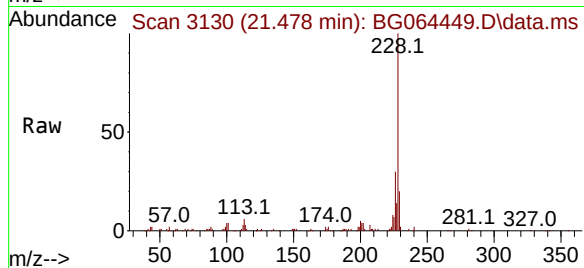
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	20.0	14.7	22.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.313 ng

RT: 21.342 min Scan# 3107

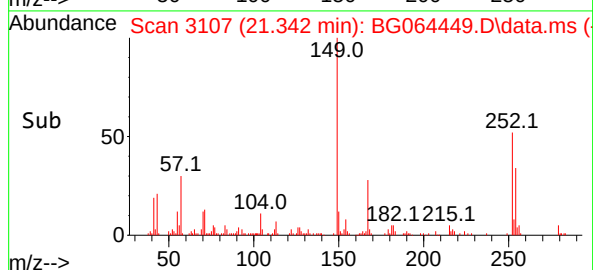
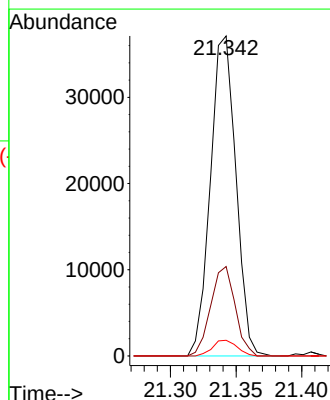
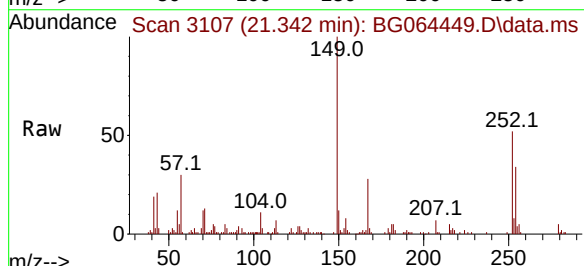
Delta R.T. 0.003 min

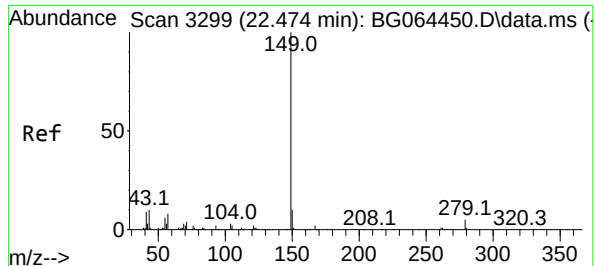
Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Tgt Ion:149 Resp: 50177

Ion	Ratio	Lower	Upper
149	100		
167	28.0	20.6	31.0
279	4.9	3.0	4.4#





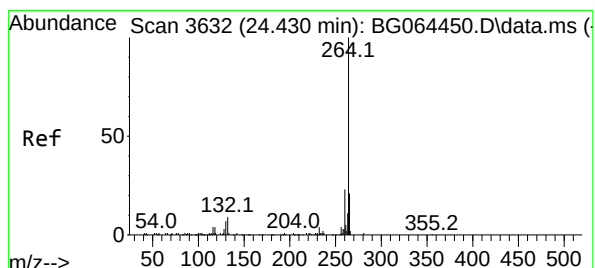
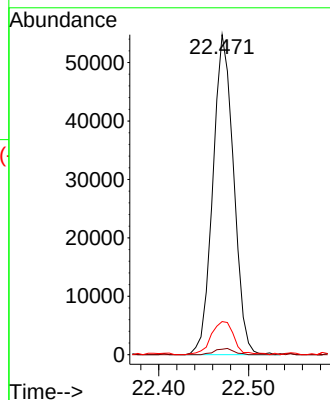
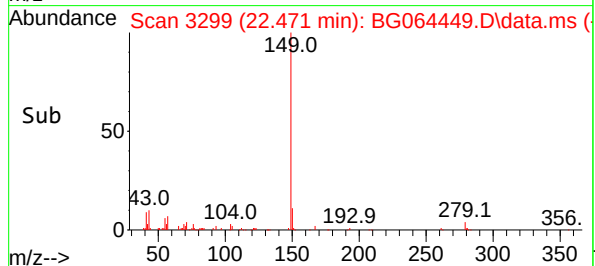
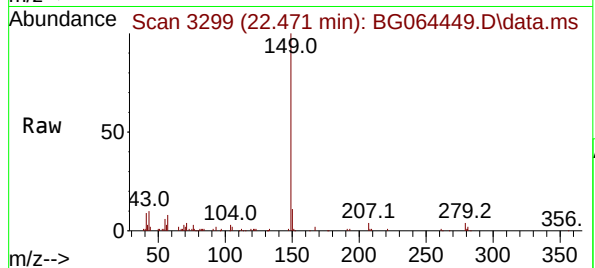
#85
Di-n-octyl phthalate
Concen: 9.604 ng
RT: 22.471 min Scan# 3299
Delta R.T. -0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 87962
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.5 8.8 13.2

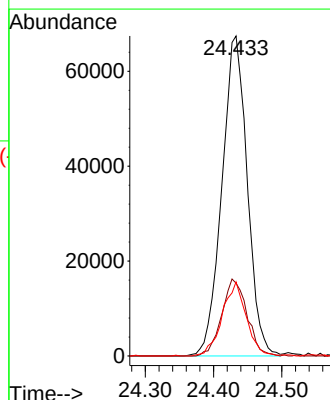
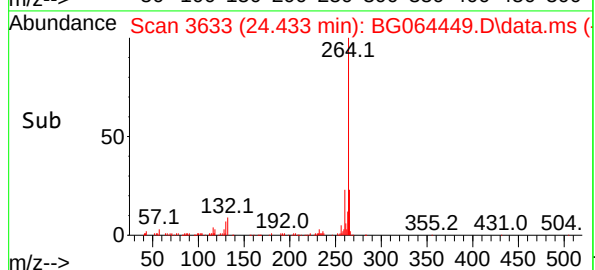
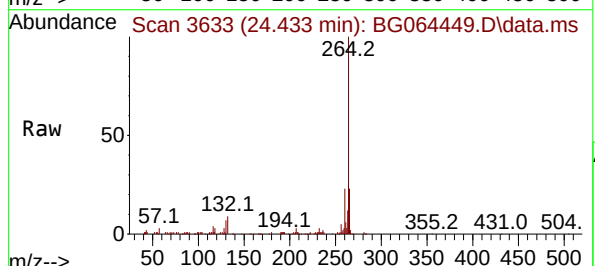
Manual Integrations
APPROVED

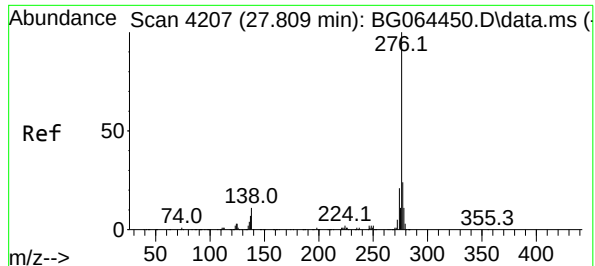
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3633
Delta R.T. 0.003 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

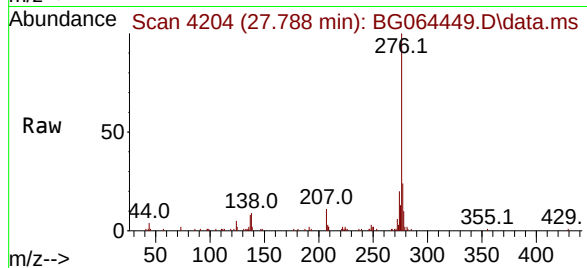
Tgt Ion:264 Resp: 174618
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 23.2 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.011 ng
RT: 27.788 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

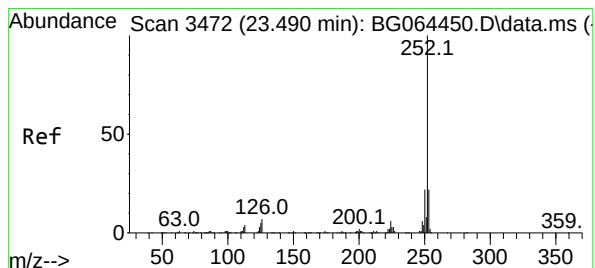
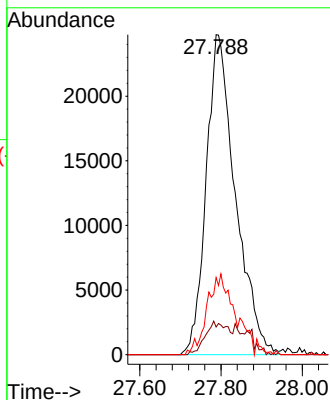
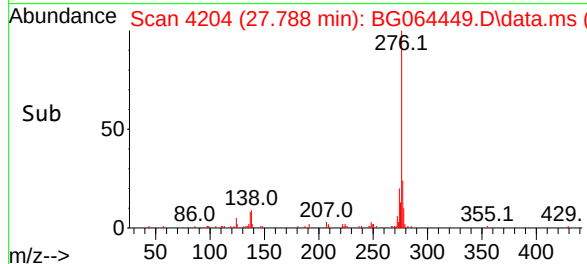
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 12355
Ion Ratio Lower Upper
276 100
138 8.3 10.3 15.5
277 20.4 19.2 28.8

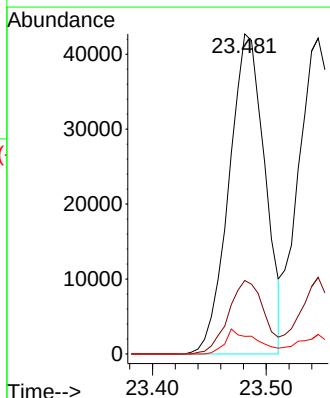
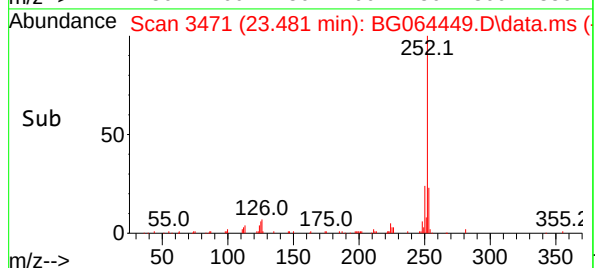
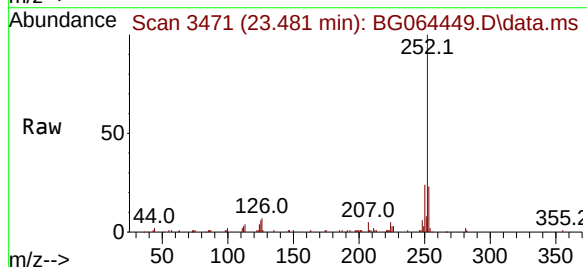
Manual Integrations
APPROVED

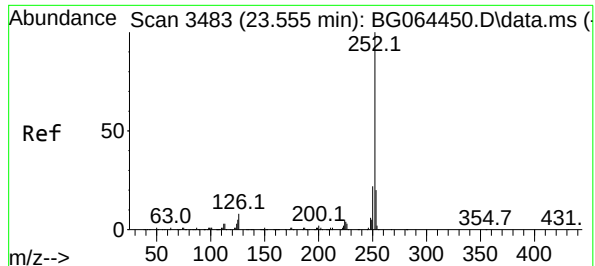
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 9.353 ng
RT: 23.481 min Scan# 3471
Delta R.T. -0.009 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion: 252 Resp: 93624
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 5.5 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 9.541 ng

RT: 23.546 min Scan# 34

Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

Instrument :

BNA_G

ClientSampleId :

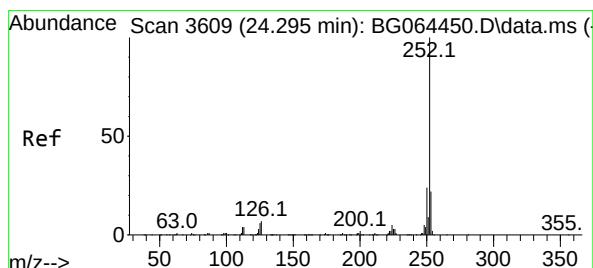
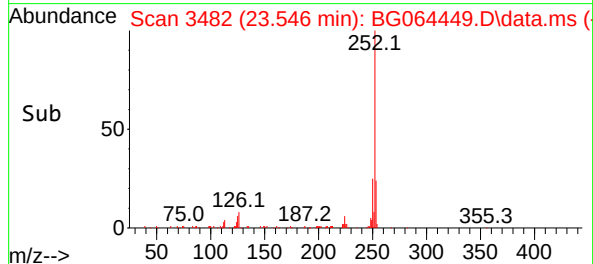
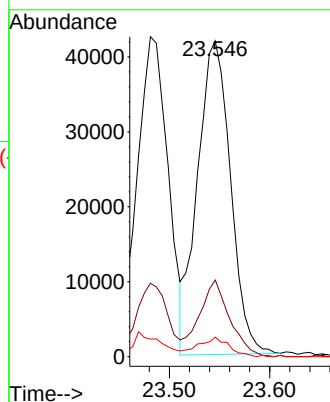
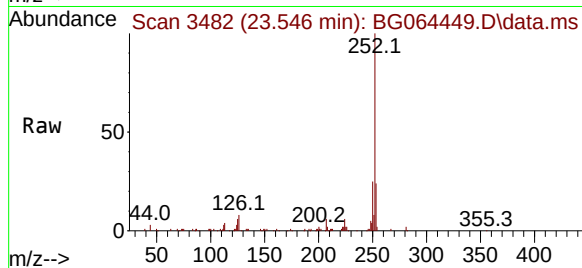
SSTDICC010

Tgt Ion:252 Resp: 95599
Ion Ratio Lower Upper
252 100
253 24.3 16.6 24.8
125 6.2 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 9.304 ng

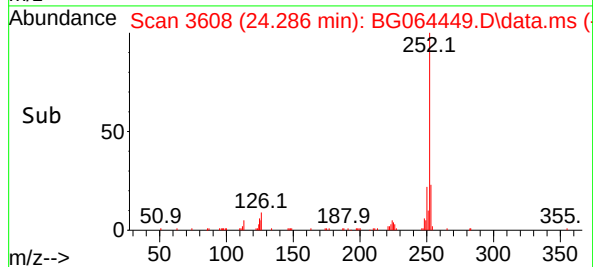
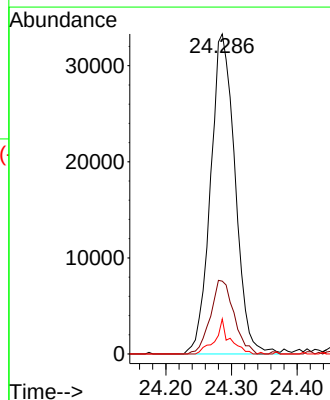
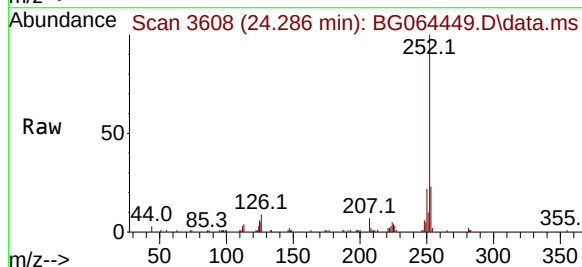
RT: 24.286 min Scan# 3608

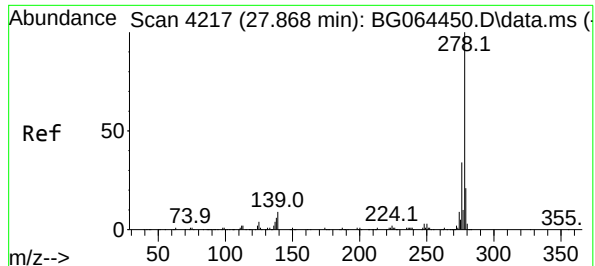
Delta R.T. -0.009 min

Lab File: BG064449.D

Acq: 25 Sep 2025 18:04

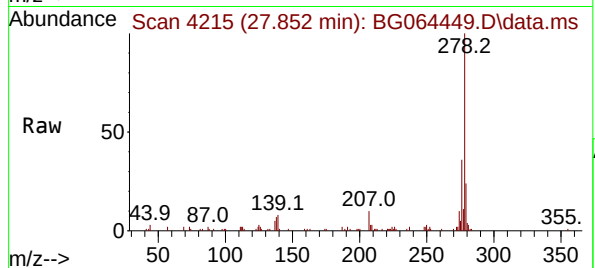
Tgt Ion:252 Resp: 86275
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.9 4.6 7.0#





#91
Dibenzo(a,h)anthracene
Concen: 9.916 ng
RT: 27.852 min Scan# 41
Delta R.T. -0.015 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

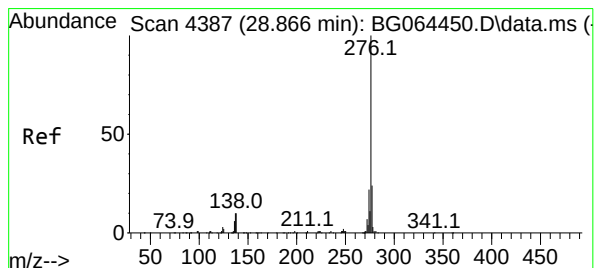
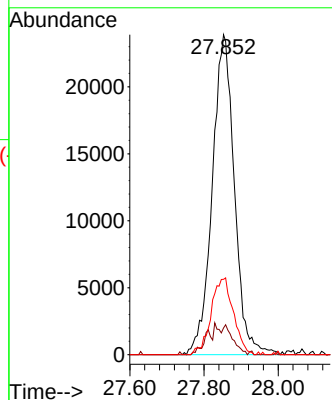
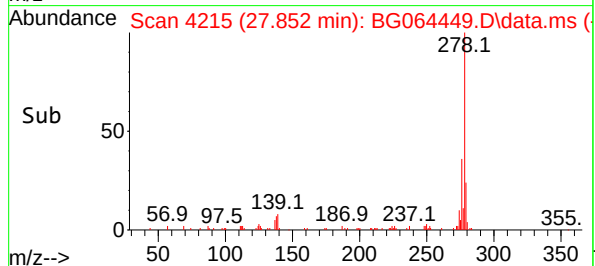
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 9921
Ion Ratio Lower Upper
278 100
139 8.3 6.9 10.3
279 23.6 17.2 25.8

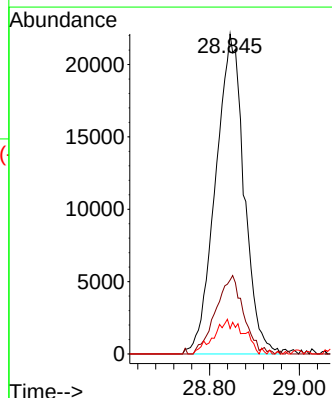
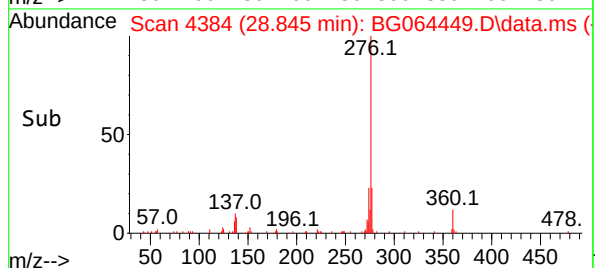
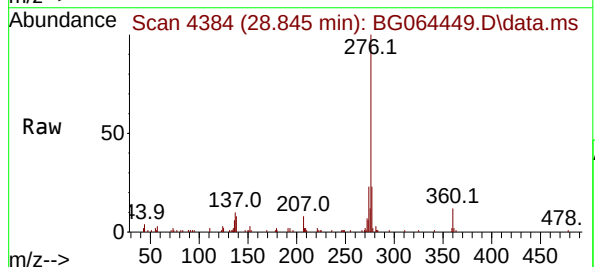
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 10.134 ng
RT: 28.845 min Scan# 4384
Delta R.T. -0.021 min
Lab File: BG064449.D
Acq: 25 Sep 2025 18:04

Tgt Ion:276 Resp: 97372
Ion Ratio Lower Upper
276 100
277 23.1 19.3 28.9
138 7.9 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064450.D
 Acq On : 25 Sep 2025 18:45
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	15620	20.000	ng	0.00
21) Naphthalene-d8	10.629	136	66785	20.000	ng	0.00
39) Acenaphthene-d10	14.466	164	50177	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	125215	20.000	ng	0.00
76) Chrysene-d12	21.434	240	139874	20.000	ng	0.00
86) Perylene-d12	24.430	264	150557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	70219	85.906	ng	0.00
7) Phenol-d6	7.010	99	98614	88.062	ng	0.00
23) Nitrobenzene-d5	8.990	82	109282	88.680	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	74766	85.352	ng	0.00
45) 2-Fluorobiphenyl	13.091	172	287867	84.716	ng	0.00
79) Terphenyl-d14	19.824	244	609626	85.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	14231	41.489	ng	100
3) Pyridine	3.731	79	40161	43.430	ng	100
4) n-Nitrosodimethylamine	3.649	42	29233	41.385	ng	100
6) Aniline	7.168	93	64238	44.299	ng	100
8) 2-Chlorophenol	7.403	128	45815	44.801	ng	100
9) Benzaldehyde	6.980	77	47973	50.330	ng	100
10) Phenol	7.039	94	52736	43.494	ng	100
11) bis(2-Chloroethyl)ether	7.262	93	36174	44.433	ng	100
12) 1,3-Dichlorobenzene	7.726	146	48582	42.383	ng	100
13) 1,4-Dichlorobenzene	7.873	146	51460	43.948	ng	100
14) 1,2-Dichlorobenzene	8.191	146	48481	43.691	ng	100
15) Benzyl Alcohol	8.073	79	45905	43.506	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.361	45	60866	42.877	ng	100
17) 2-Methylphenol	8.279	107	38439	43.884	ng	100
18) Hexachloroethane	8.913	117	19224	43.515	ng	100
19) n-Nitroso-di-n-propyla...	8.637	70	33536	44.306	ng	100
20) 3+4-Methylphenols	8.608	107	52475	42.618	ng	100
22) Acetophenone	8.655	105	70922	44.357	ng	100
24) Nitrobenzene	9.037	77	54080	44.958	ng	100
25) Isophorone	9.554	82	97492	42.757	ng	100
26) 2-Nitrophenol	9.742	139	25769	43.521	ng	100
27) 2,4-Dimethylphenol	9.806	122	42601	44.608	ng	100
28) bis(2-Chloroethoxy)met...	10.036	93	50628	42.979	ng	100
29) 2,4-Dichlorophenol	10.276	162	49209	44.771	ng	100
30) 1,2,4-Trichlorobenzene	10.494	180	51622	43.909	ng	100
31) Naphthalene	10.676	128	149931	43.002	ng	100
32) Benzoic acid	9.953	122	31657m	44.805	ng	
33) 4-Chloroaniline	10.782	127	57495	45.079	ng	100
34) Hexachlorobutadiene	10.964	225	44299	44.236	ng	100
35) Caprolactam	11.551	113	15426	42.536	ng	100
36) 4-Chloro-3-methylphenol	11.910	107	56075	43.042	ng	100
37) 2-Methylnaphthalene	12.286	142	113865	43.250	ng	100
38) 1-Methylnaphthalene	12.503	142	110815	42.838	ng	100
40) 1,2,4,5-Tetrachloroben...	12.656	216	70094	43.832	ng	100
41) Hexachlorocyclopentadiene	12.638	237	36649	43.153	ng	100
43) 2,4,6-Trichlorophenol	12.897	196	45249	43.379	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064450.D
 Acq On : 25 Sep 2025 18:45
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:48:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

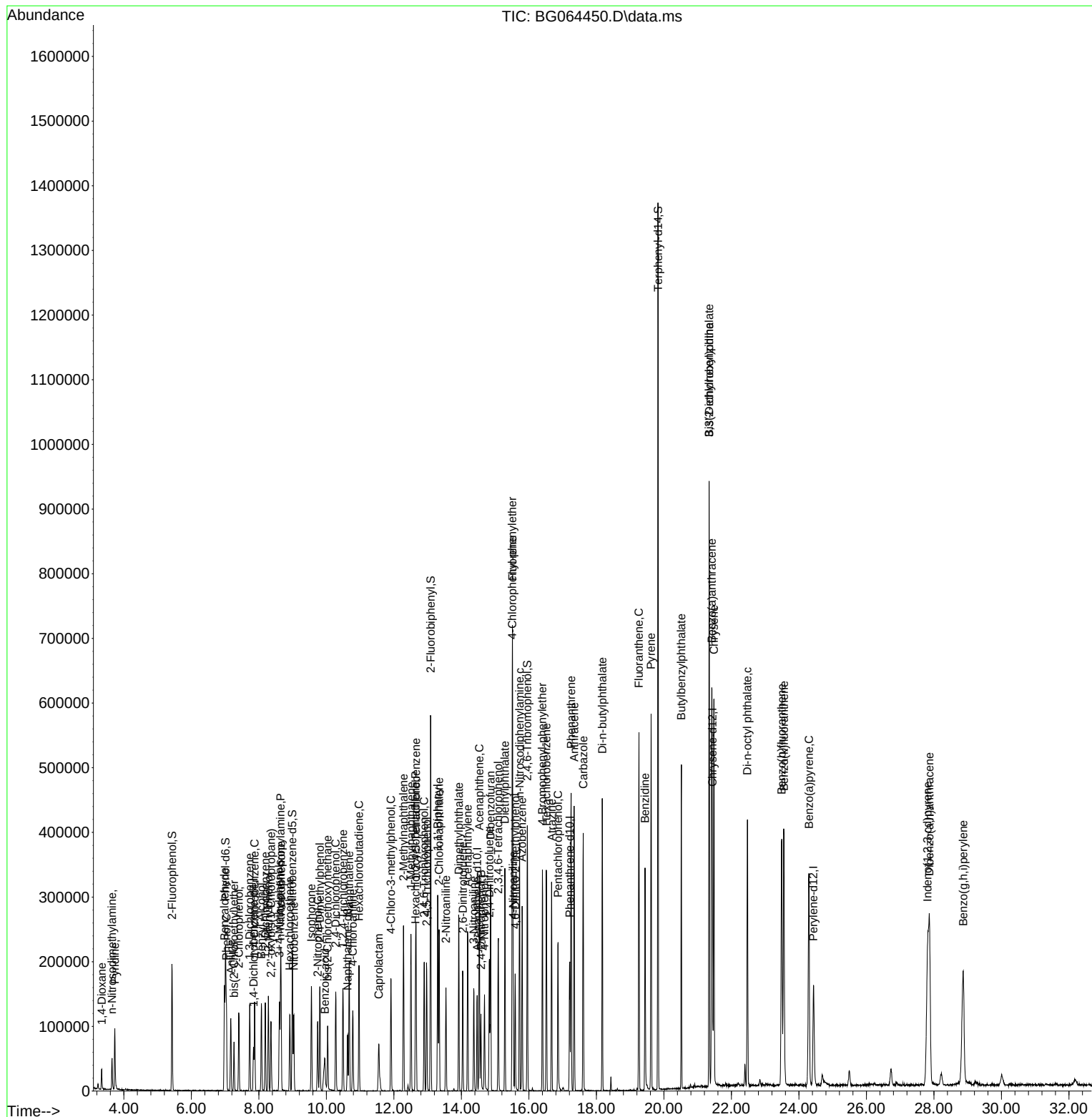
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	48774	42.178	ng	100
46) 1,1'-Biphenyl	13.296	154	152347	42.682	ng	100
47) 2-Chloronaphthalene	13.338	162	114578	42.235	ng	100
48) 2-Nitroaniline	13.543	65	40740	43.694	ng	100
49) Acenaphthylene	14.184	152	173524	43.085	ng	100
50) Dimethylphthalate	13.925	163	161350	42.092	ng	100
51) 2,6-Dinitrotoluene	14.043	165	35427	44.001	ng	100
52) Acenaphthene	14.530	154	119888	43.497	ng	100
53) 3-Nitroaniline	14.366	138	34151	44.762	ng	100
54) 2,4-Dinitrophenol	14.577	184	22631	42.323	ng	100
55) Dibenzofuran	14.865	168	192093	42.035	ng	100
56) 4-Nitrophenol	14.683	139	26927	43.603	ng	100
57) 2,4-Dinitrotoluene	14.824	165	52729	42.899	ng	100
58) Fluorene	15.511	166	162346	43.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	50793	44.754	ng	100
60) Diethylphthalate	15.288	149	178543	43.227	ng	100
61) 4-Chlorophenyl-phenyle...	15.506	204	89181	43.291	ng	100
62) 4-Nitroaniline	15.535	138	36479	44.591	ng	100
63) Azobenzene	15.799	77	140272	43.401	ng	100
65) 4,6-Dinitro-2-methylph...	15.594	198	37619	43.859	ng	100
66) n-Nitrosodiphenylamine	15.723	169	140984	42.194	ng	100
67) 4-Bromophenyl-phenylether	16.399	248	63403	43.215	ng	100
68) Hexachlorobenzene	16.516	284	70671	42.326	ng	100
69) Atrazine	16.675	200	64247	42.322	ng	100
70) Pentachlorophenol	16.863	266	44158	43.823	ng	100
71) Phenanthrene	17.251	178	279949	43.014	ng	100
72) Anthracene	17.339	178	278620	42.040	ng	100
73) Carbazole	17.609	167	252665	43.456	ng	100
74) Di-n-butylphthalate	18.173	149	306480	43.093	ng	100
75) Fluoranthene	19.260	202	353132	42.967	ng	100
77) Benzidine	19.442	184	193720	52.897	ng	100
78) Pyrene	19.618	202	372354	42.903	ng	100
80) Butylbenzylphthalate	20.517	149	139596	43.032	ng	100
81) Benzo(a)anthracene	21.416	228	380705	42.509	ng	100
82) 3,3'-Dichlorobenzidine	21.340	252	132191	42.919	ng	100
83) Chrysene	21.481	228	352536	41.565	ng	100
84) Bis(2-ethylhexyl)phtha...	21.340	149	199336	42.657	ng	100
85) Di-n-octyl phthalate	22.474	149	337492	42.486	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	452941	42.567	ng	100
88) Benzo(b)fluoranthene	23.400	252	371712	43.068	ng	100
89) Benzo(k)fluoranthene	23.555	252	368356	42.638	ng	100
90) Benzo(a)pyrene	24.295	252	341781	42.749	ng	100
91) Dibenzo(a,h)anthracene	27.868	278	365777	42.402	ng	100
92) Benzo(g,h,i)perylene	28.866	276	347587	41.955	ng	100

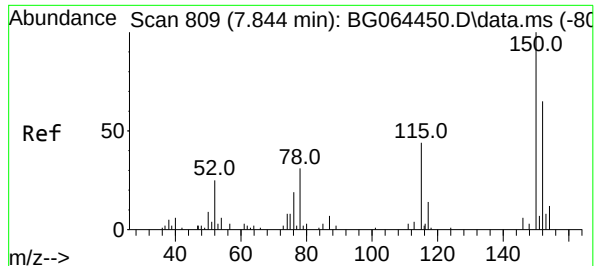
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

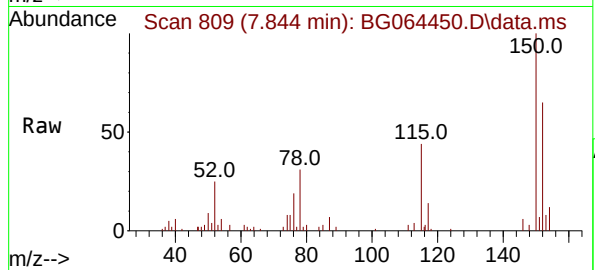
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 809
Delta R.T. -0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

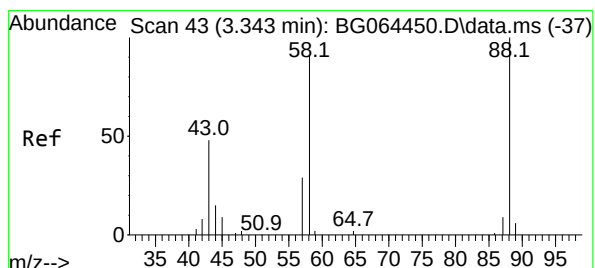
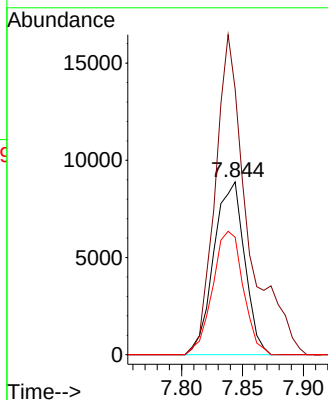
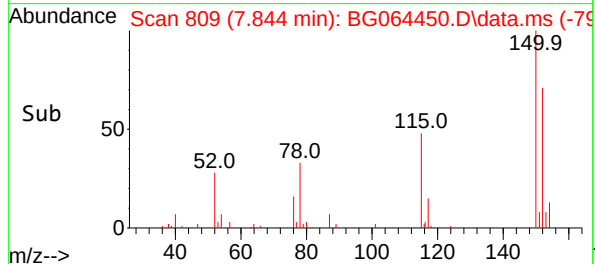
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 15620
Ion Ratio Lower Upper
152 100
150 153.6 122.9 184.3
115 67.9 54.3 81.5

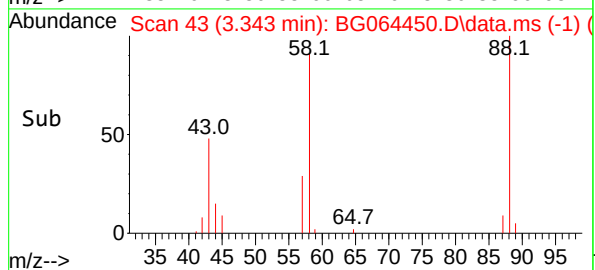
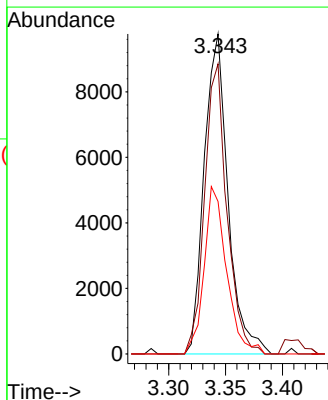
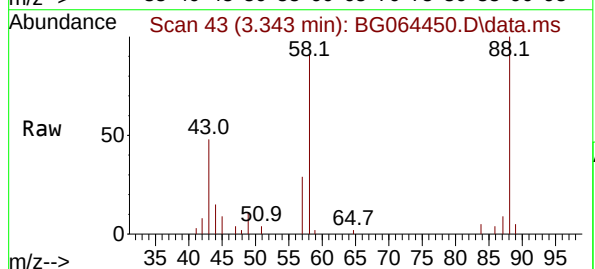
Manual Integrations
APPROVED

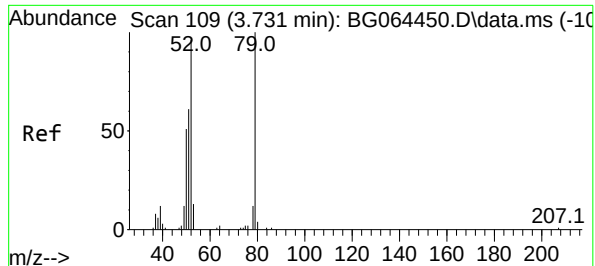
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 41.489 ng
RT: 3.343 min Scan# 43
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

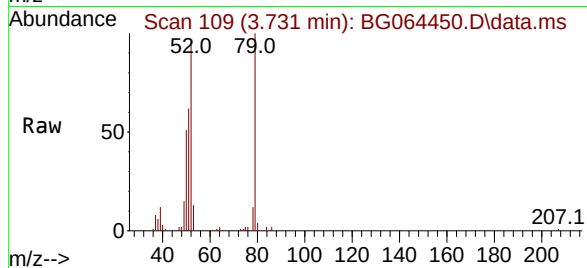
Tgt Ion: 88 Resp: 14231
Ion Ratio Lower Upper
88 100
58 84.9 67.9 101.9
43 49.3 39.4 59.2





#3
Pyridine
Concen: 43.430 ng
RT: 3.731 min Scan# 109
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

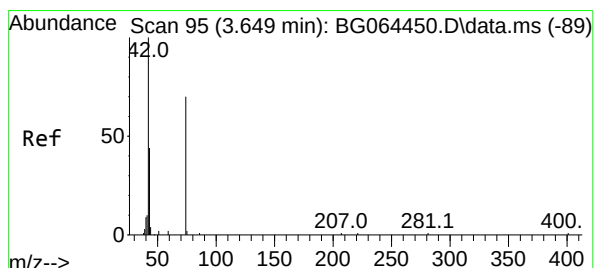
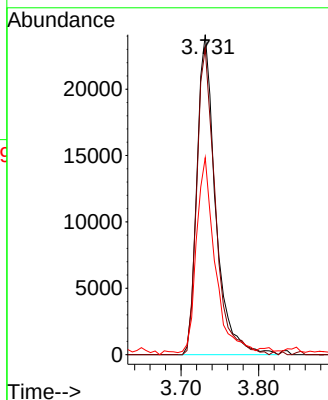
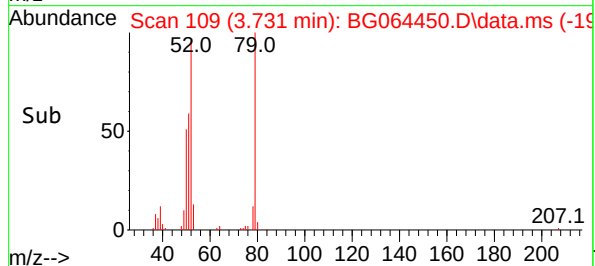
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 4016
Ion Ratio Lower Upper
79 100
52 95.7 76.6 114.8
51 61.6 49.3 73.9

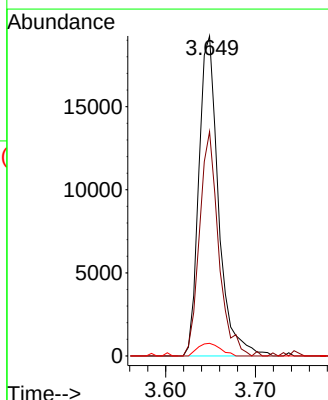
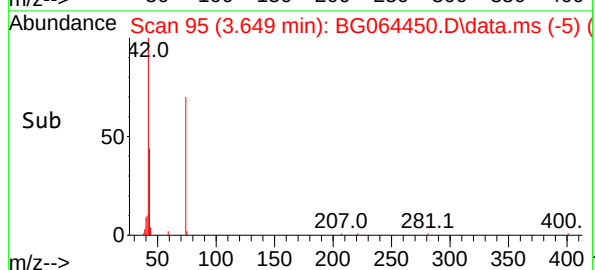
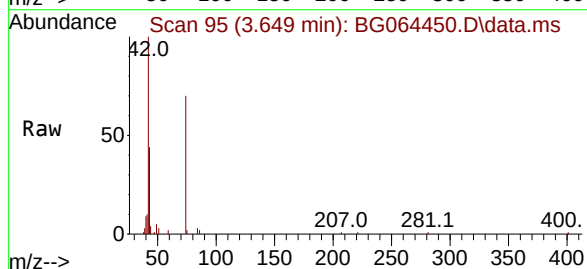
Manual Integrations
APPROVED

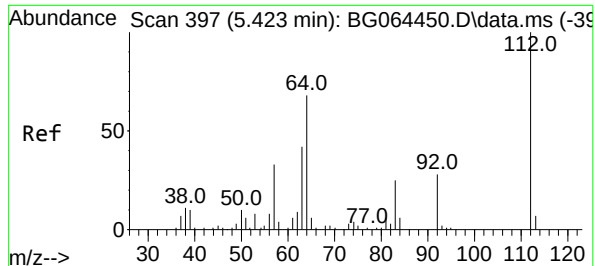
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 41.385 ng
RT: 3.649 min Scan# 95
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

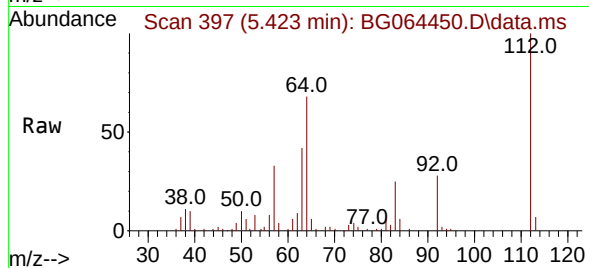
Tgt Ion: 42 Resp: 29233
Ion Ratio Lower Upper
42 100
74 70.1 56.1 84.1
44 3.9 3.1 4.7





#5
2-Fluorophenol
Concen: 85.906 ng
RT: 5.423 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

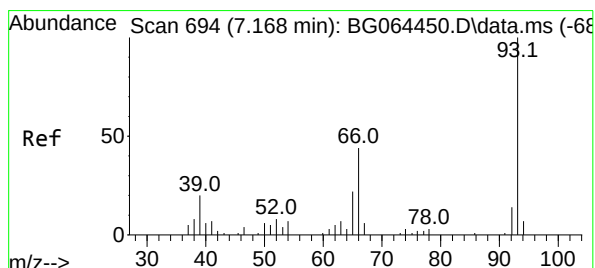
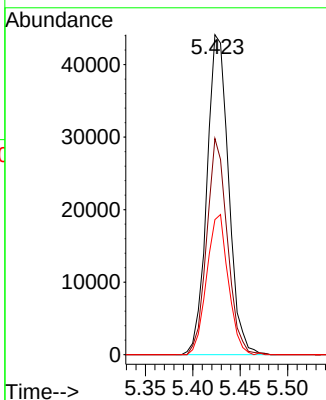
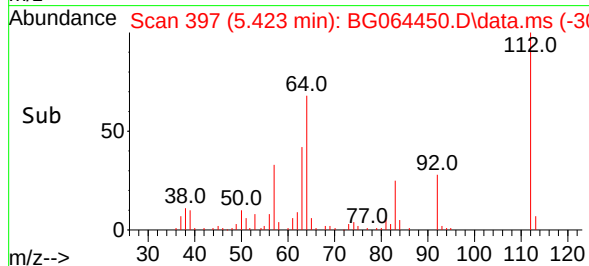
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 70219
Ion Ratio Lower Upper
112 100
64 67.5 54.0 81.0
63 42.2 33.8 50.6

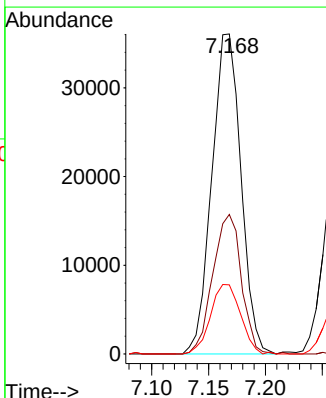
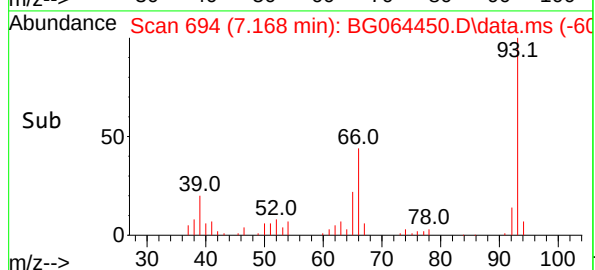
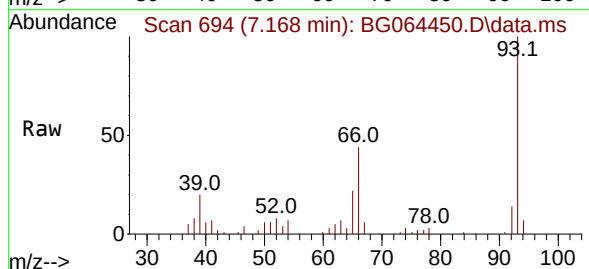
Manual Integrations
APPROVED

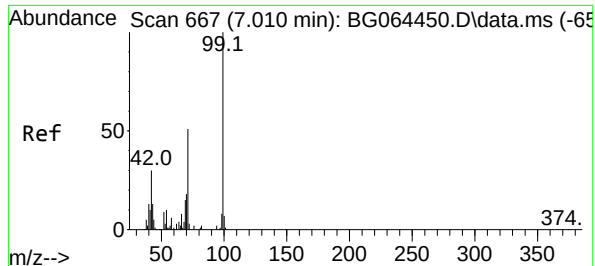
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 44.299 ng
RT: 7.168 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 93 Resp: 64238
Ion Ratio Lower Upper
93 100
66 43.6 34.9 52.3
65 21.6 17.3 25.9





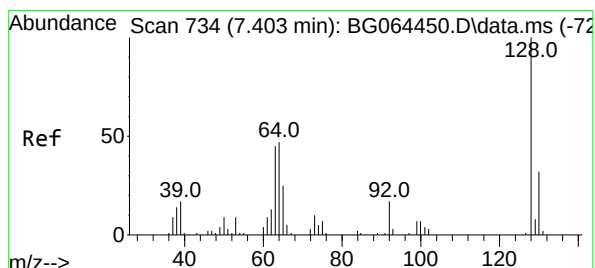
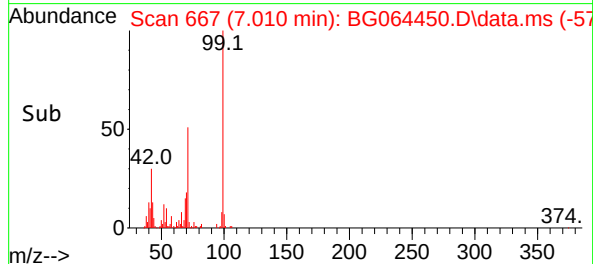
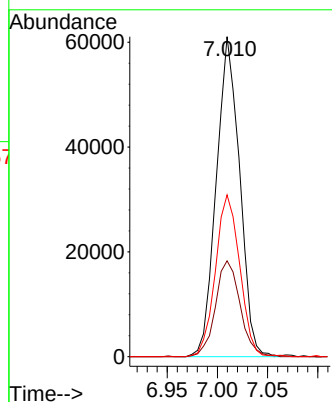
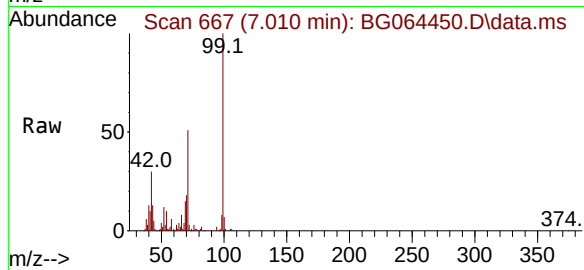
#7
Phenol-d6
Concen: 88.062 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:	99	Resp:	98614
Ion	Ratio	Lower	Upper
99	100		
42	30.0	24.0	36.0
71	50.6	40.5	60.7

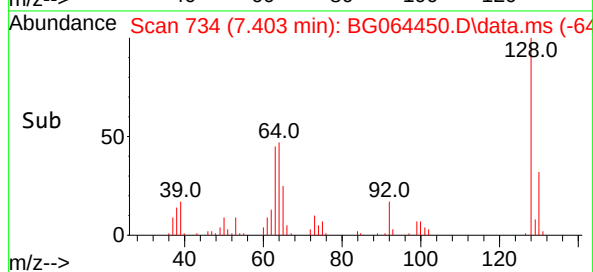
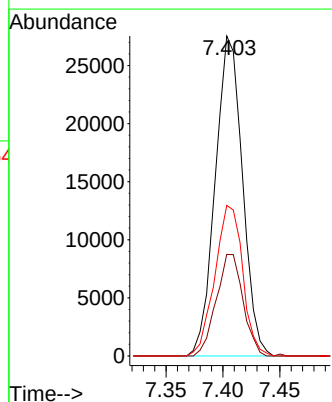
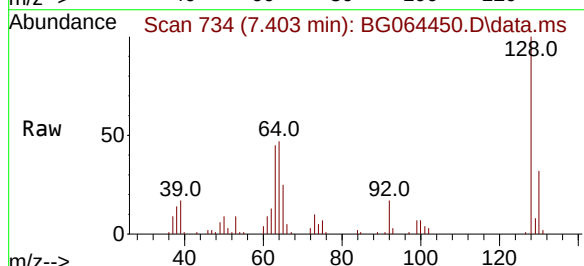
Manual Integrations
APPROVED

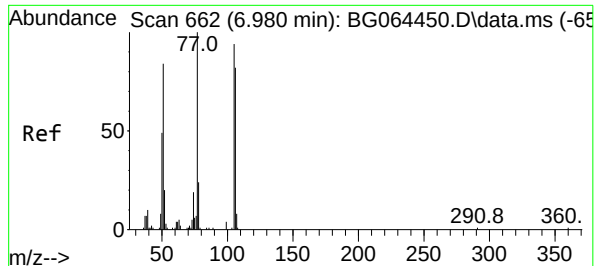
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 44.801 ng
RT: 7.403 min Scan# 734
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

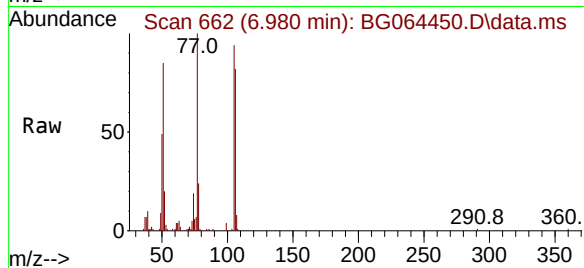
Tgt Ion:	128	Resp:	45815
Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.8	51.8
64	47.0	27.0	67.0





#9
Benzaldehyde
Concen: 50.330 ng
RT: 6.980 min Scan# 662
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

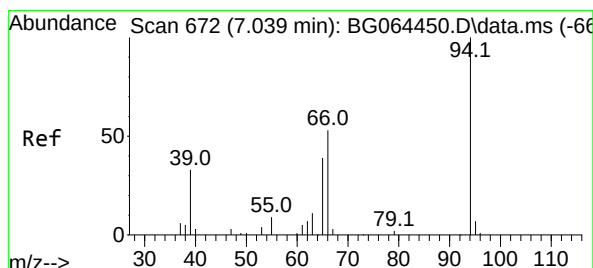
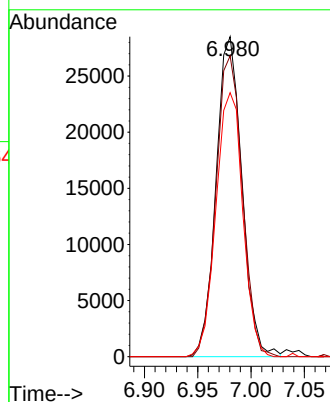
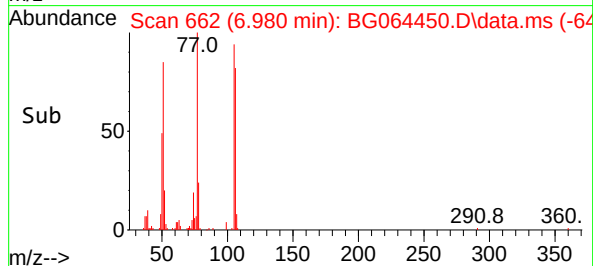
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 47973
Ion Ratio Lower Upper
77 100
105 94.0 74.0 114.0
106 82.5 62.5 102.5

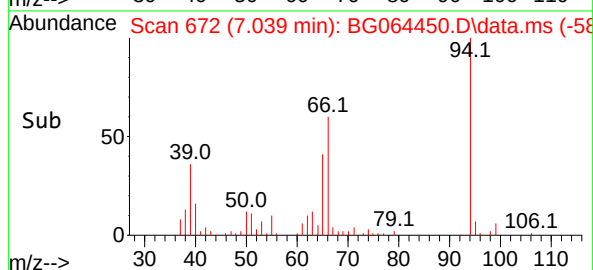
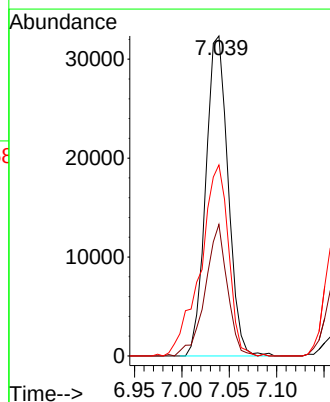
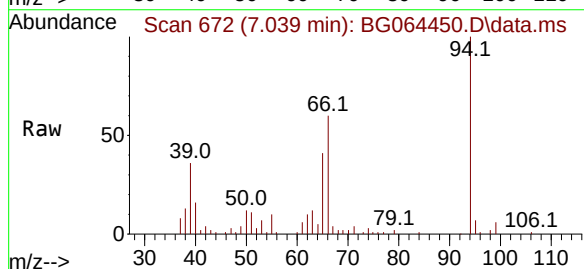
Manual Integrations
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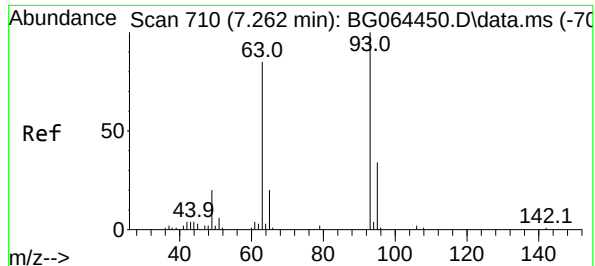
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 43.494 ng
RT: 7.039 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 94 Resp: 52736
Ion Ratio Lower Upper
94 100
65 41.1 21.1 61.1
66 59.7 39.7 79.7





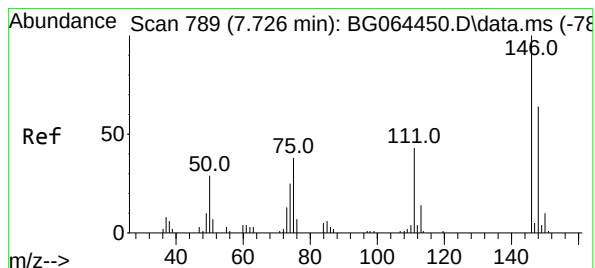
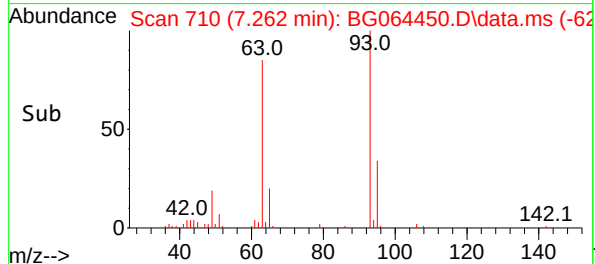
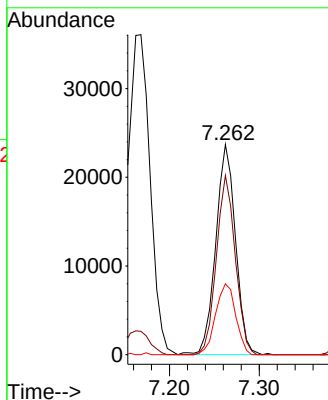
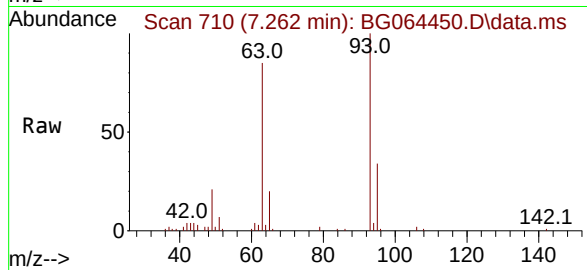
#11
bis(2-Chloroethyl)ether
Concen: 44.433 ng
RT: 7.262 min Scan# 710
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 36174
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 33.7 13.7 53.7

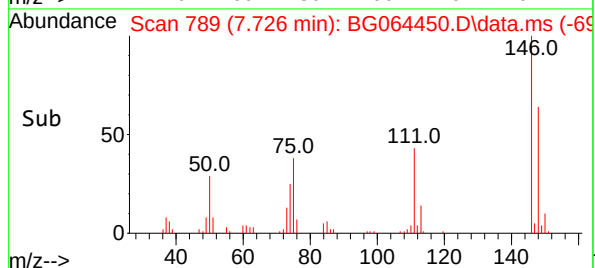
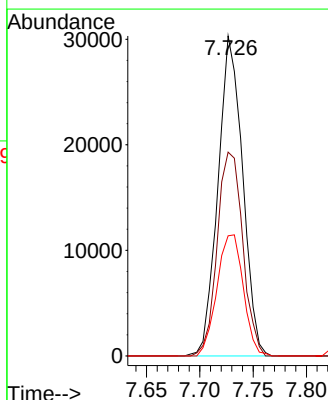
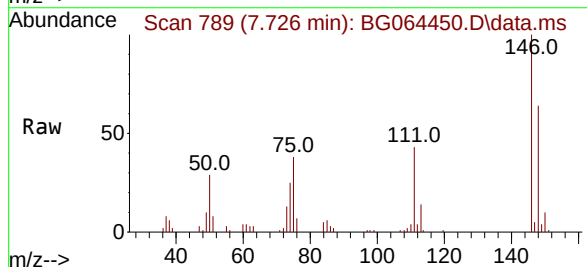
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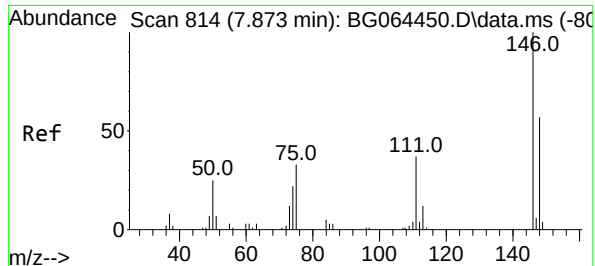
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#12
1,3-Dichlorobenzene
Concen: 42.383 ng
RT: 7.726 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:146 Resp: 48582
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 37.5 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 43.948 ng

RT: 7.873 min Scan# 814

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 51460

Ion Ratio Lower Upper

146 100

148 56.6 45.3 67.9

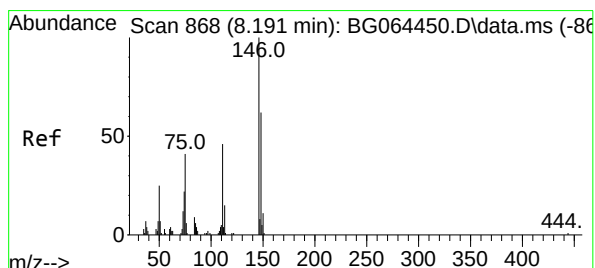
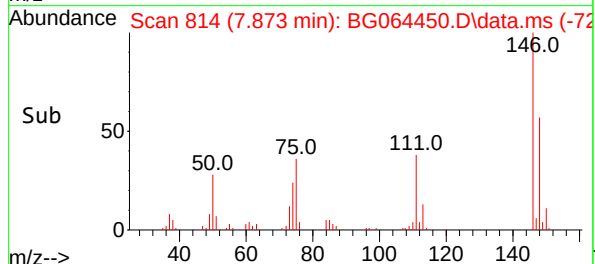
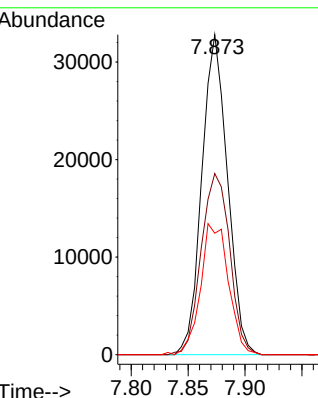
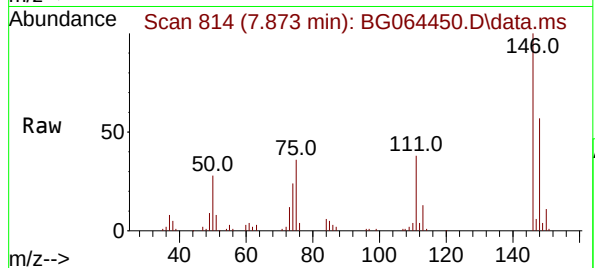
111 37.9 30.3 45.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 43.691 ng

RT: 8.191 min Scan# 868

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

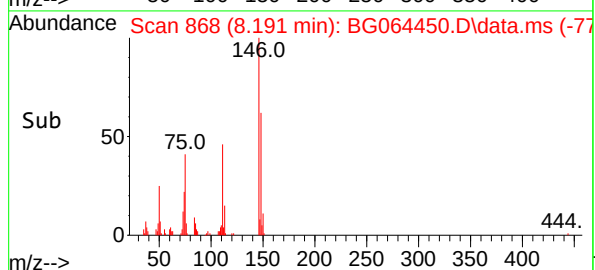
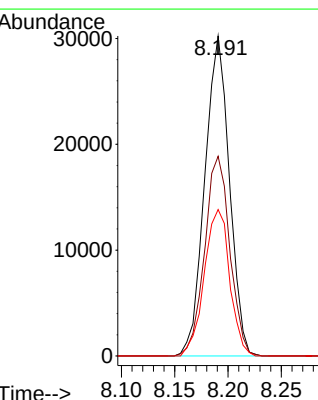
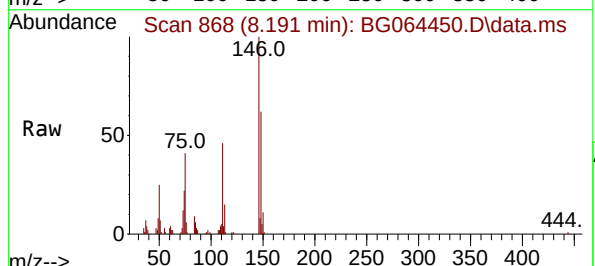
Tgt Ion:146 Resp: 48481

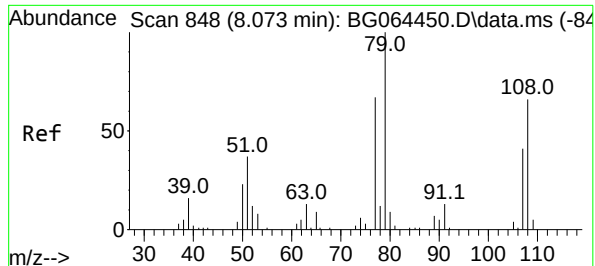
Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

111 45.7 36.6 54.8





#15

Benzyl Alcohol

Concen: 43.506 ng

RT: 8.073 min Scan# 848

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

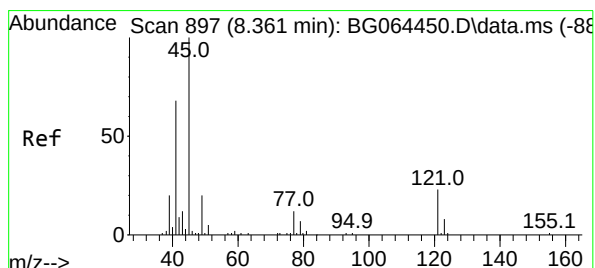
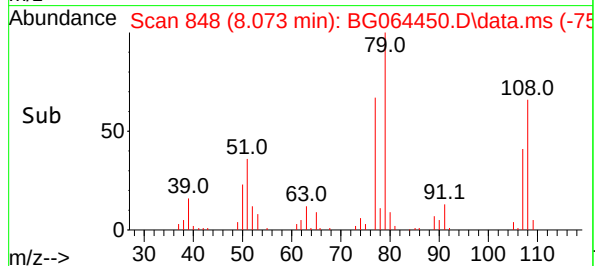
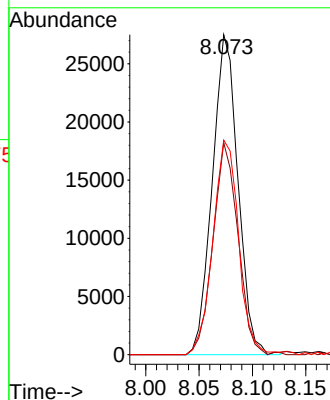
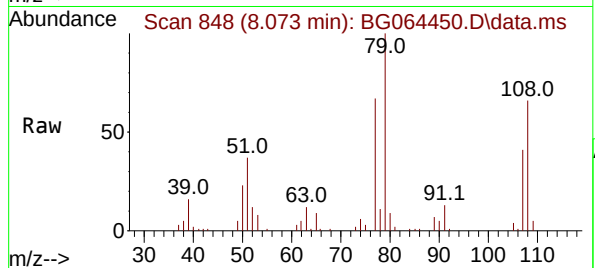
Tgt Ion:	79	Resp:	4590
Ion	Ratio	Lower	Upper
79	100		
108	66.3	53.0	79.6
77	67.0	53.6	80.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.877 ng

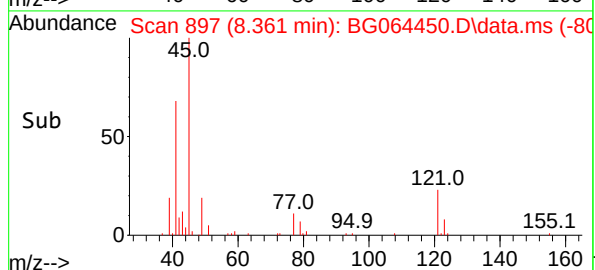
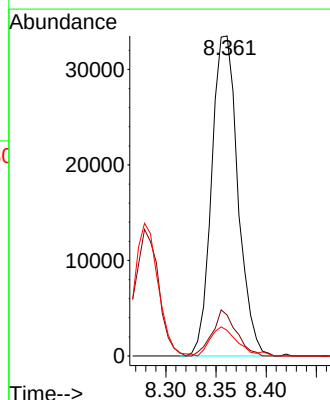
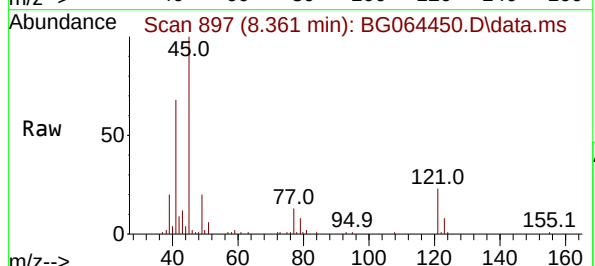
RT: 8.361 min Scan# 897

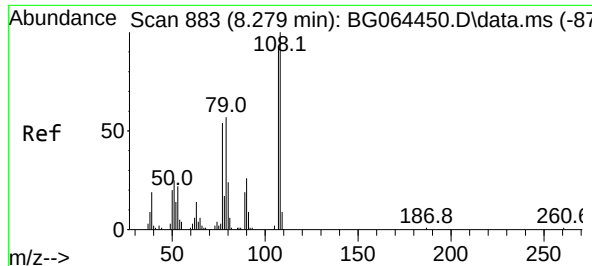
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Tgt Ion:	45	Resp:	60866
Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.8
79	8.0	0.0	28.0





#17

2-Methylphenol

Concen: 43.884 ng

RT: 8.279 min Scan# 883

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

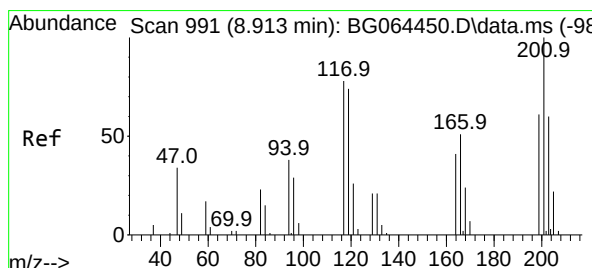
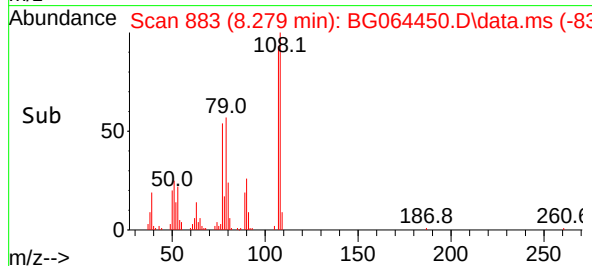
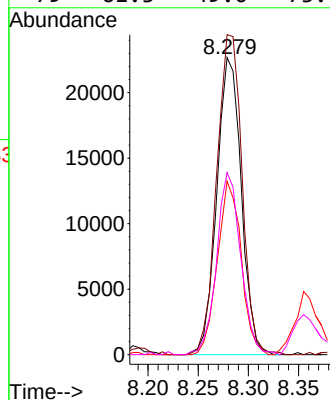
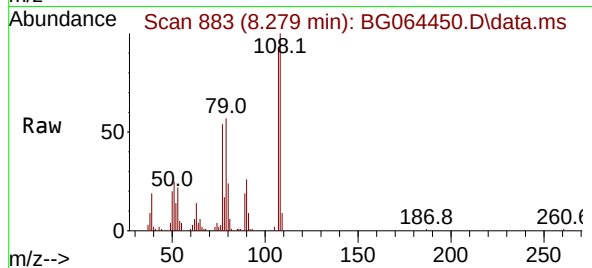
Tgt Ion:	107	Resp:	38439
Ion	Ratio	Lower	Upper
107	100		
108	107.7	86.2	129.2
77	58.4	46.7	70.1
79	61.3	49.0	73.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 43.515 ng

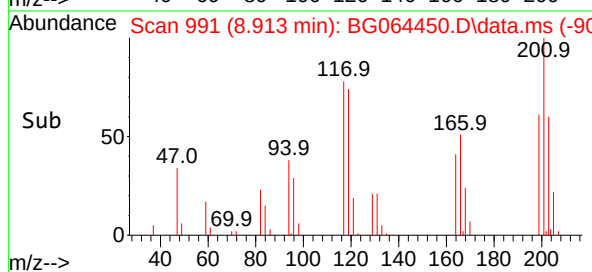
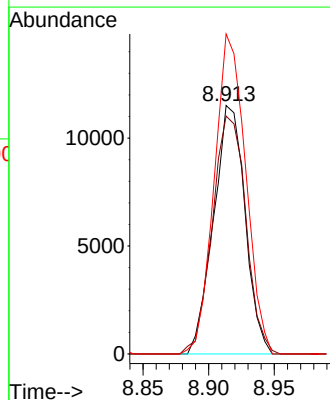
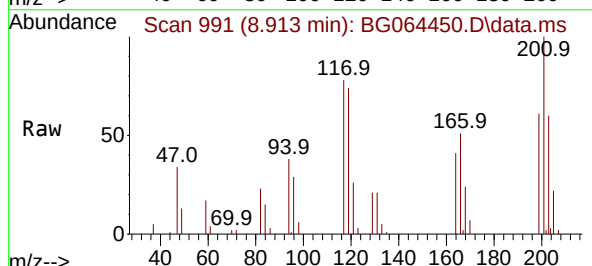
RT: 8.913 min Scan# 991

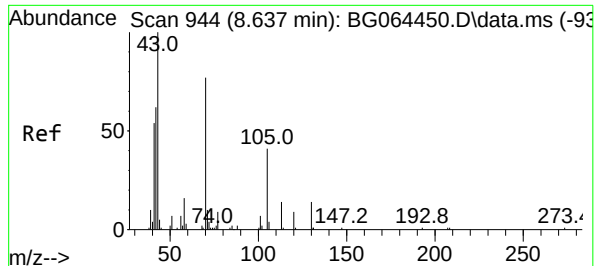
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Tgt Ion:	117	Resp:	19224
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	128.8	103.0	154.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.306 ng

RT: 8.637 min Scan# 944

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 33530

Ion Ratio Lower Upper

70 100

42 82.0 65.6 98.4

101 9.6 7.7 11.5

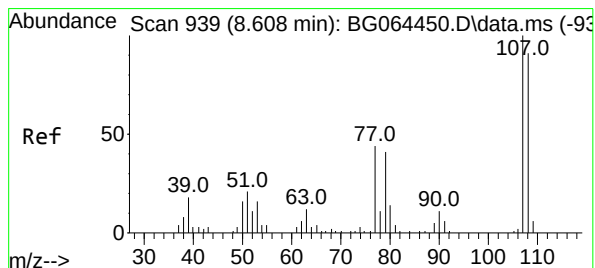
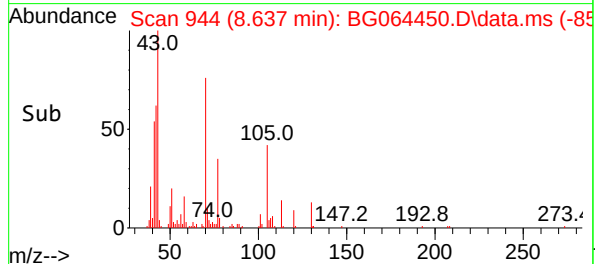
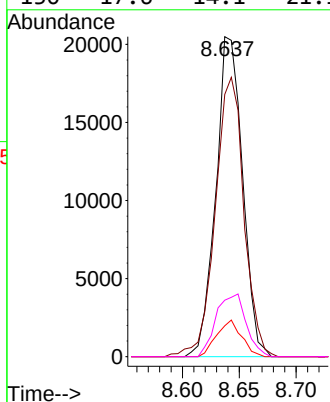
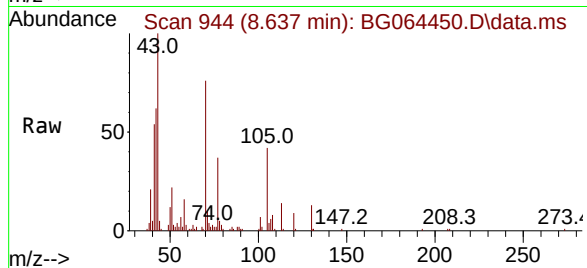
130 17.6 14.1 21.1

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 42.618 ng

RT: 8.608 min Scan# 939

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Tgt Ion:107 Resp: 52475

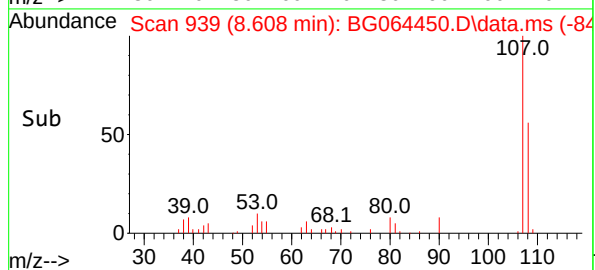
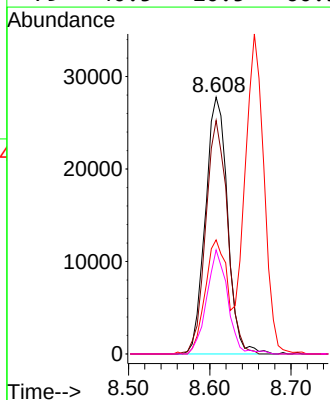
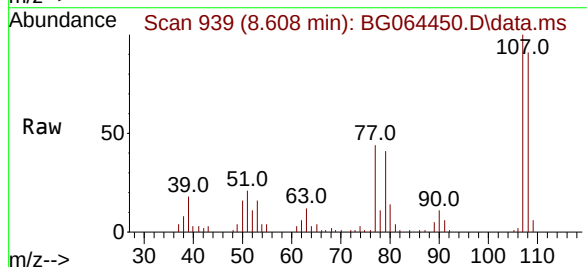
Ion Ratio Lower Upper

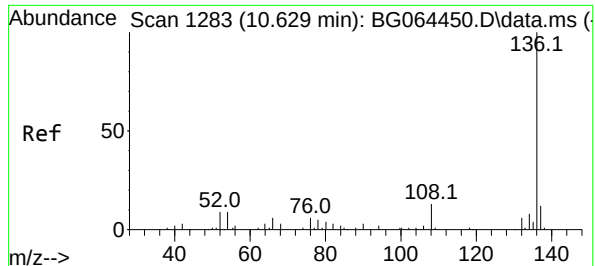
107 100

108 90.9 70.9 110.9

77 44.4 24.4 64.4

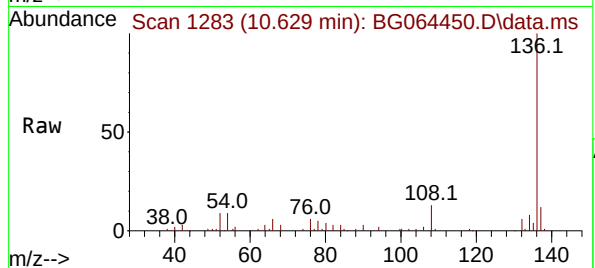
79 40.5 20.5 60.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.629 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

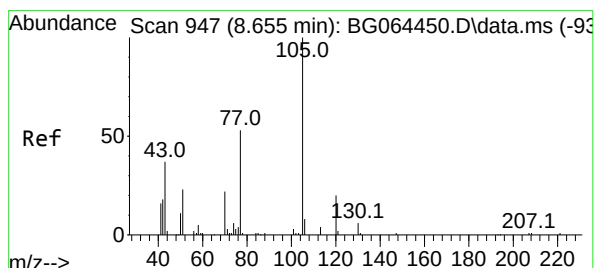
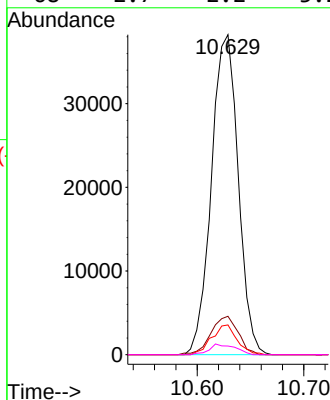
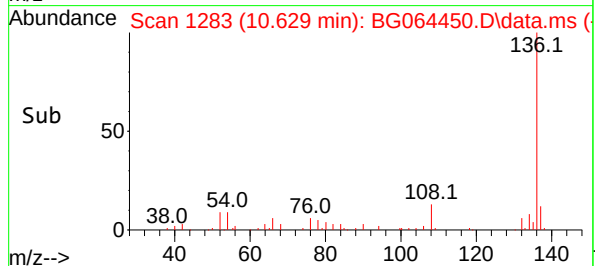
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 66785
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 9.3 7.4 11.2
68 2.7 2.2 3.2

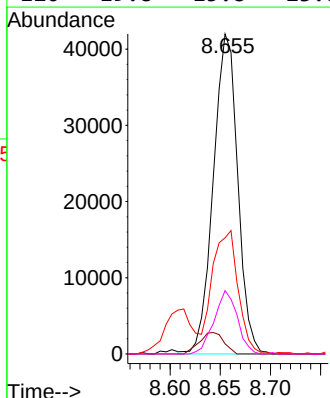
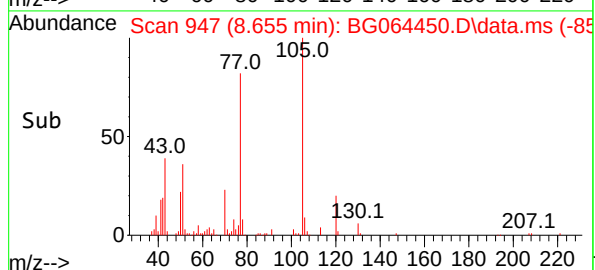
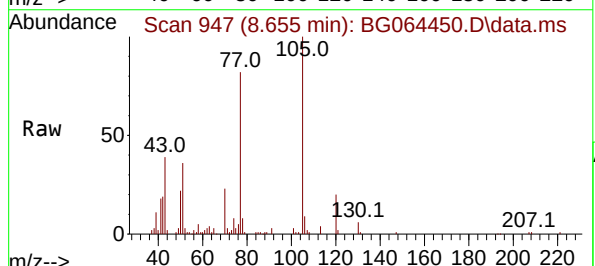
Manual Integrations
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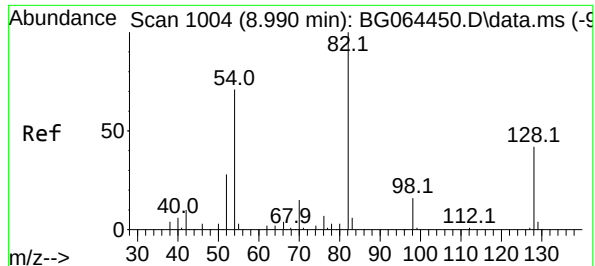
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 44.357 ng
RT: 8.655 min Scan# 947
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:105 Resp: 70922
Ion Ratio Lower Upper
105 100
71 3.1 2.5 3.7
51 36.3 29.0 43.6
120 19.8 15.8 23.8





#23

Nitrobenzene-d5

Concen: 88.680 ng

RT: 8.990 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 10928

Ion Ratio Lower Upper

82 100

128 42.1 33.7 50.5

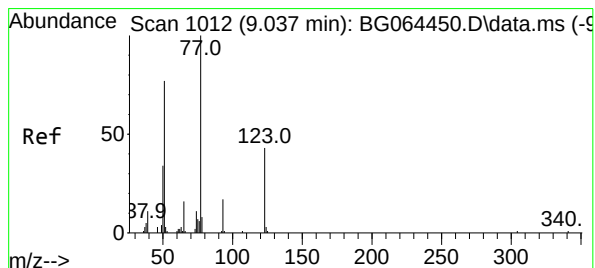
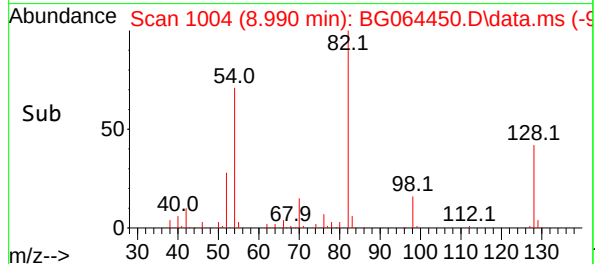
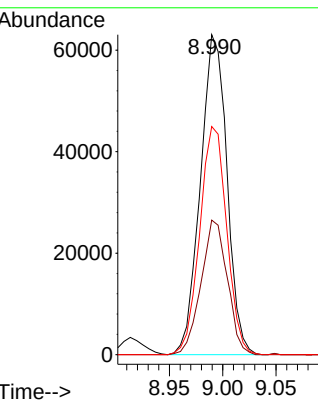
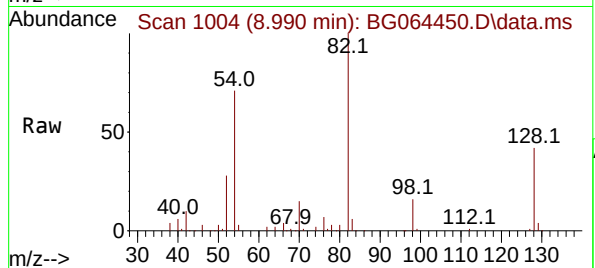
54 71.3 57.0 85.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 44.958 ng

RT: 9.037 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

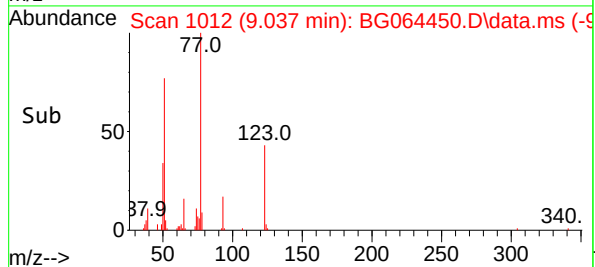
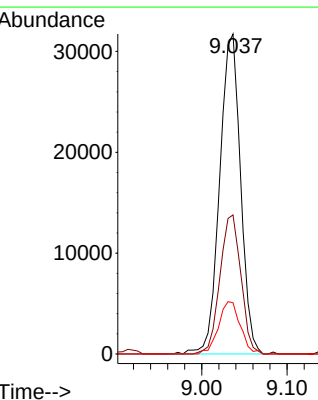
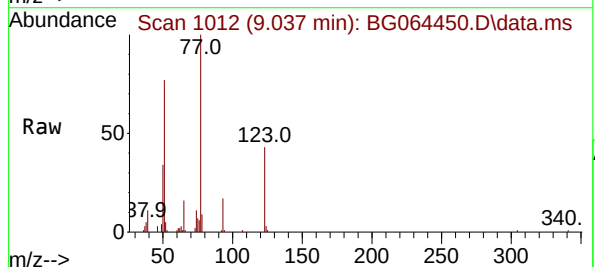
Tgt Ion: 77 Resp: 54080

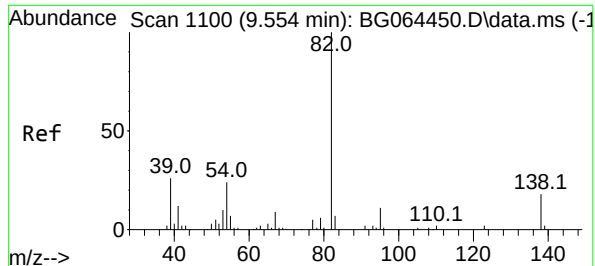
Ion Ratio Lower Upper

77 100

123 43.4 34.7 52.1

65 16.0 12.8 19.2





#25

Isophorone

Concen: 42.757 ng

RT: 9.554 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

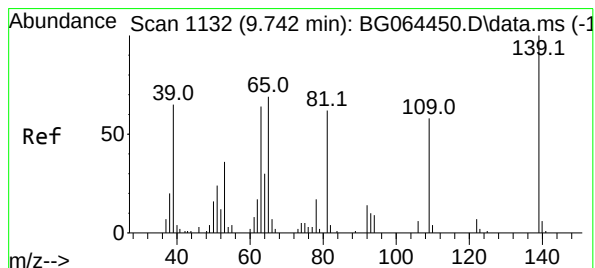
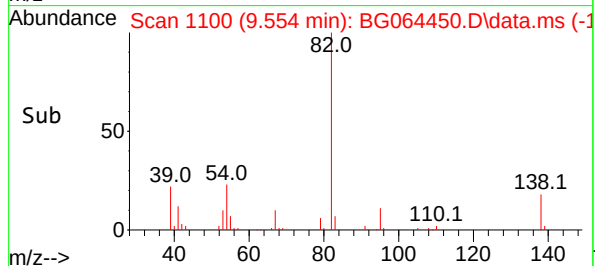
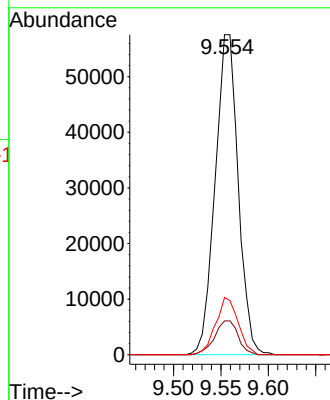
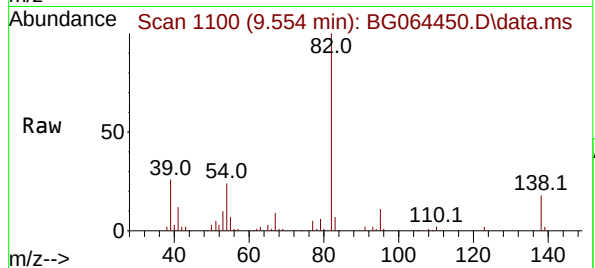
Tgt Ion:	82	Resp:	9749
Ion	Ratio	Lower	Upper
82	100		
95	10.6	8.5	12.7
138	17.9	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 43.521 ng

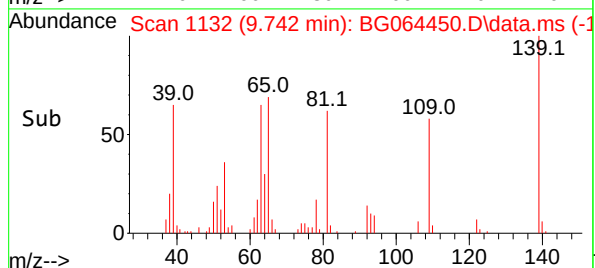
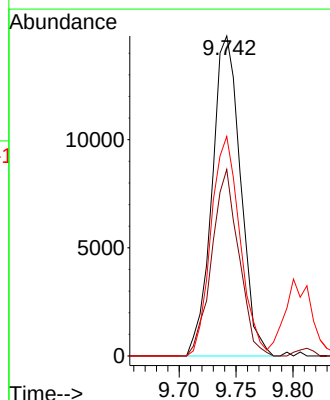
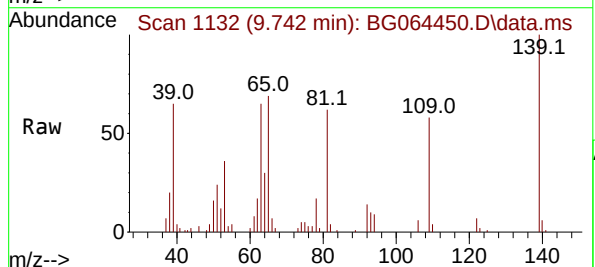
RT: 9.742 min Scan# 1132

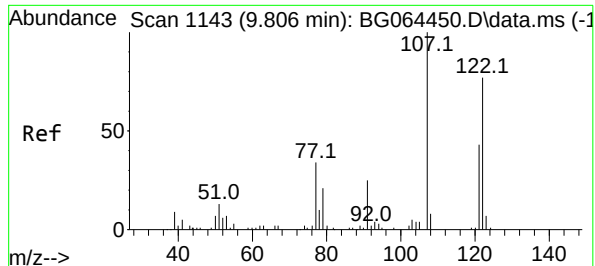
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Tgt Ion:	139	Resp:	25769
Ion	Ratio	Lower	Upper
139	100		
109	58.3	46.6	70.0
65	68.6	54.9	82.3





#27

2,4-Dimethylphenol

Concen: 44.608 ng

RT: 9.806 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

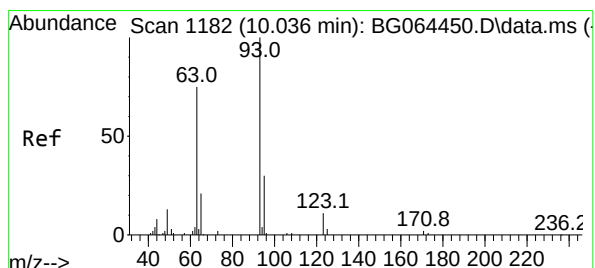
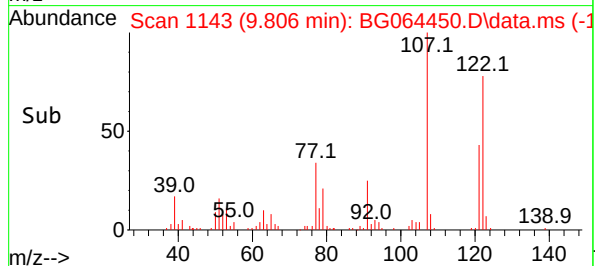
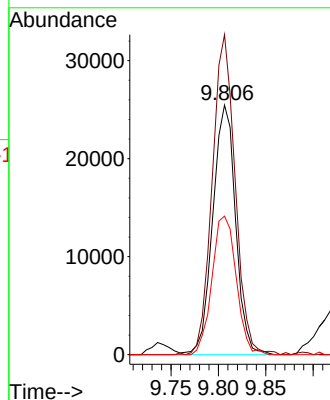
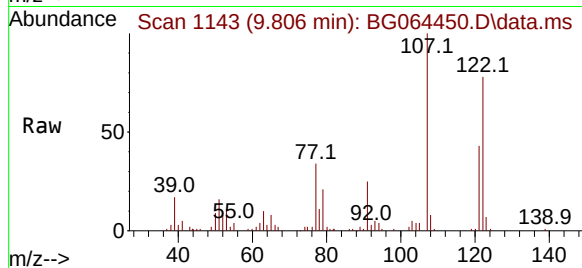
Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.2	102.6	153.8
121	55.5	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.979 ng

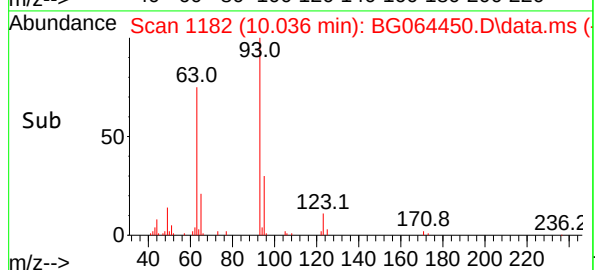
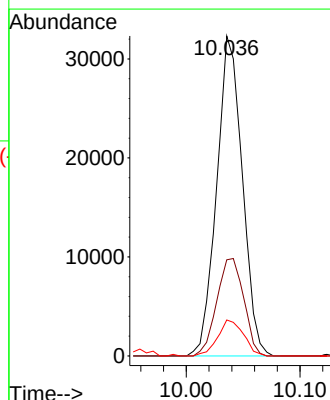
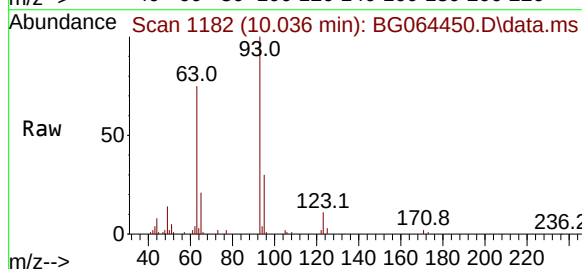
RT: 10.036 min Scan# 1182

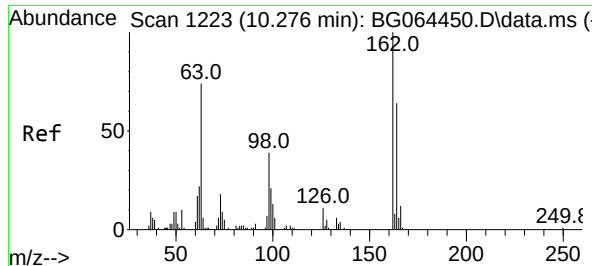
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	24.0	36.0
123	11.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 44.771 ng

RT: 10.276 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 49209

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

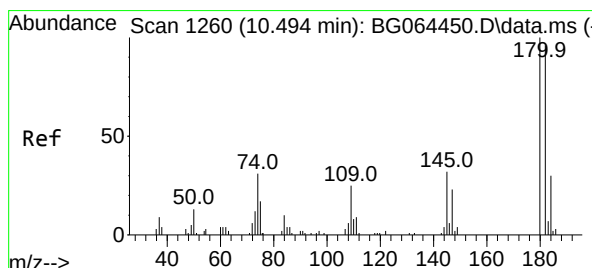
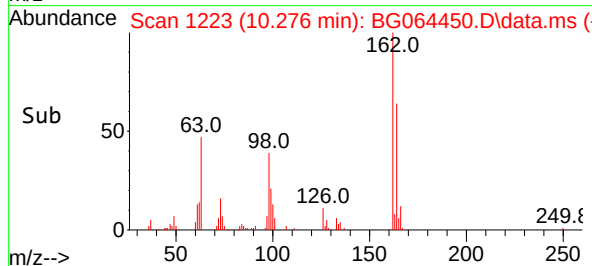
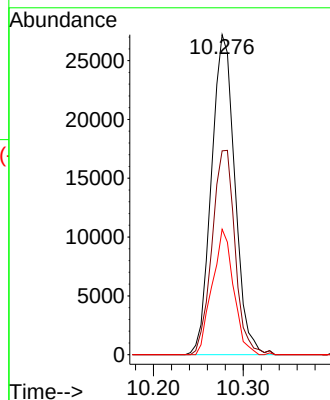
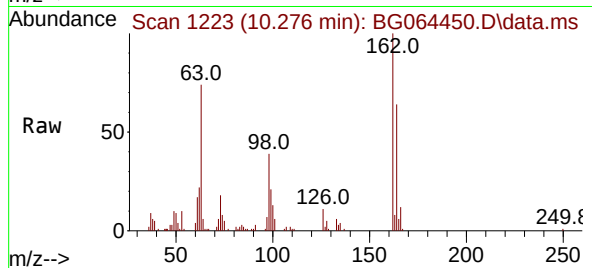
98 39.2 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.909 ng

RT: 10.494 min Scan# 1260

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

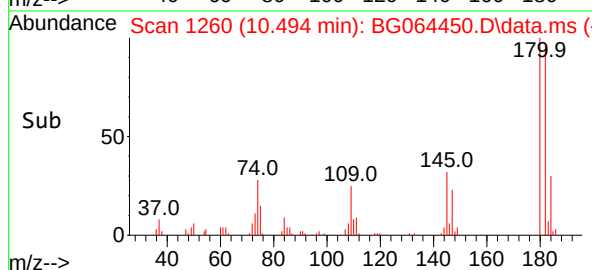
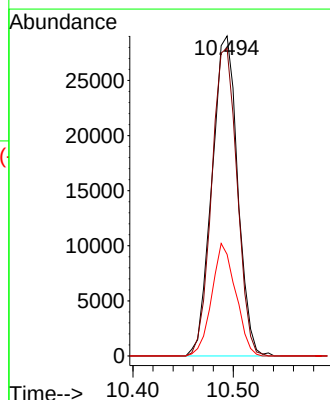
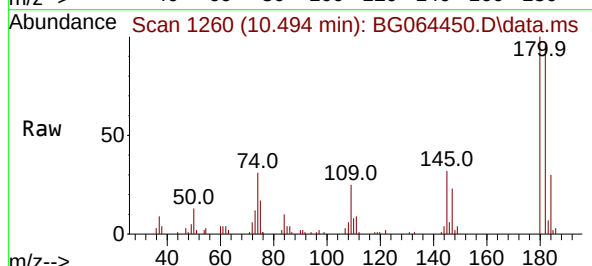
Tgt Ion:180 Resp: 51622

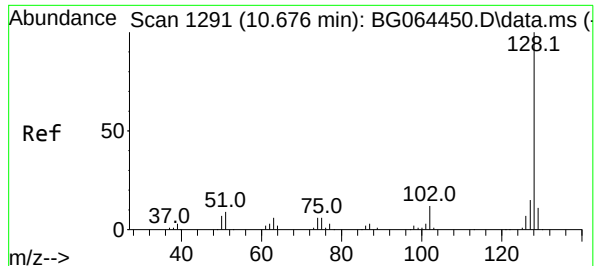
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

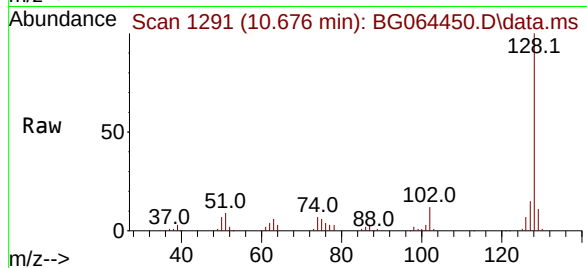
145 31.8 25.4 38.2





#31
Naphthalene
Concen: 43.002 ng
RT: 10.676 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

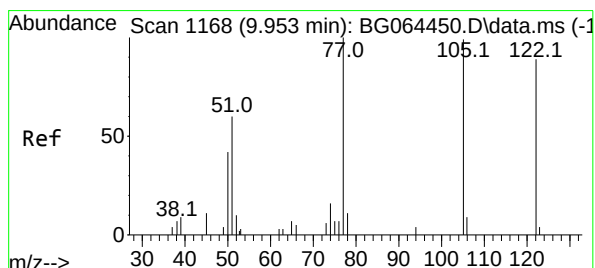
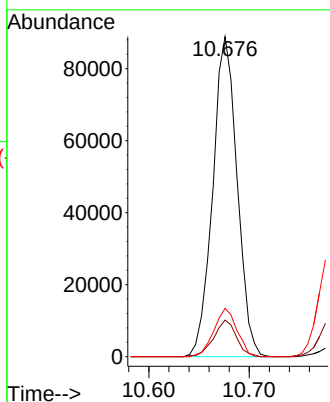
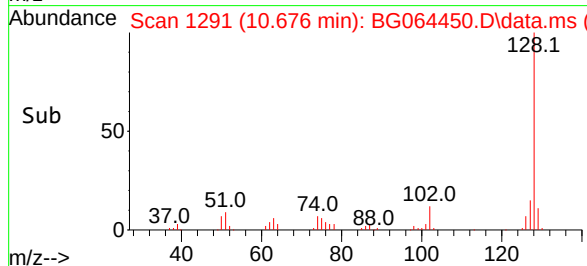
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 14993
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 15.1 12.1 18.1

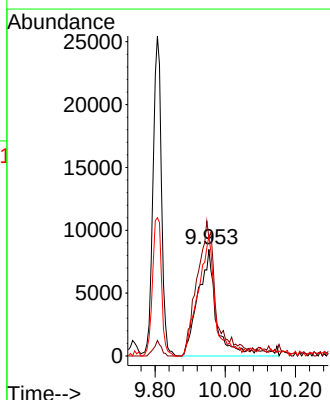
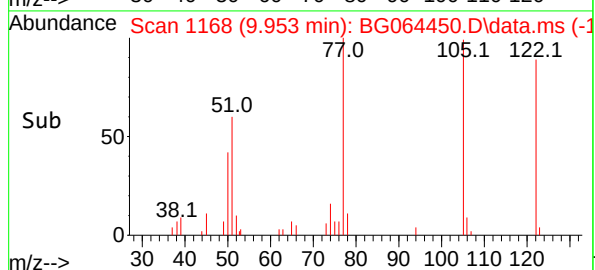
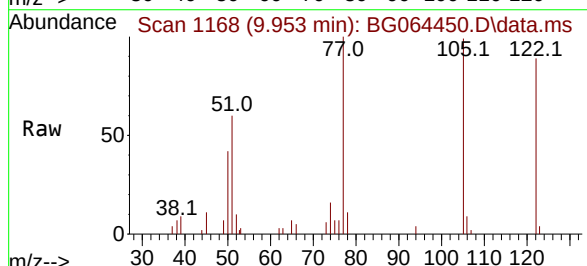
Manual Integrations
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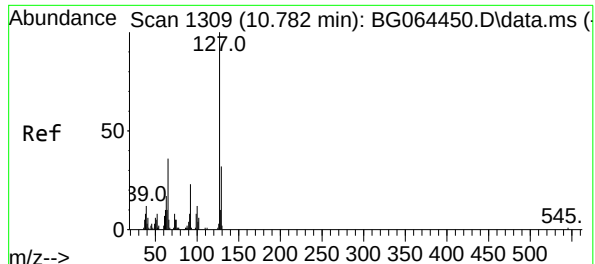
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 44.805 ng m
RT: 9.953 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

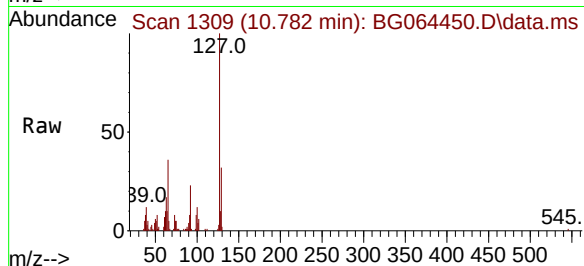
Tgt Ion:122 Resp: 31657
Ion Ratio Lower Upper
122 100
105 111.0 91.0 131.0
77 112.2 92.2 132.2





#33
4-Chloroaniline
Concen: 45.079 ng
RT: 10.782 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

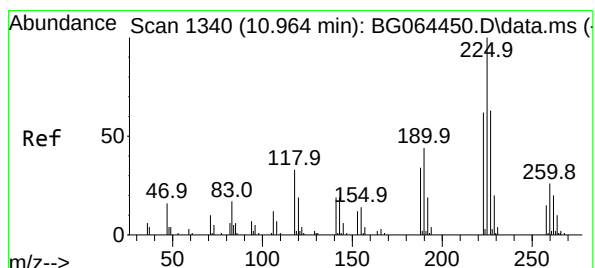
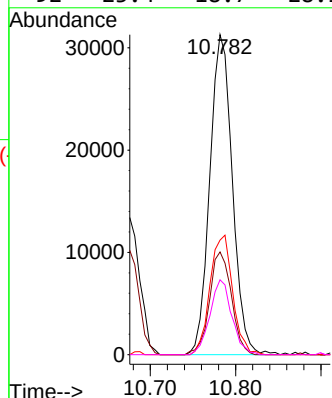
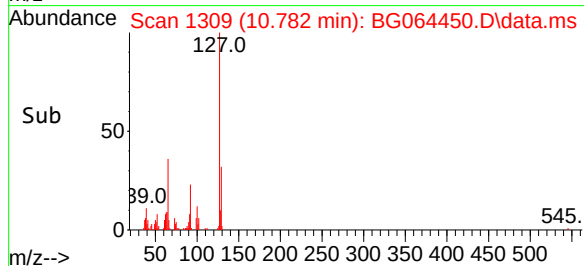
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 57495
Ion Ratio Lower Upper
127 100
129 32.1 25.7 38.5
65 35.8 28.6 43.0
92 23.4 18.7 28.1

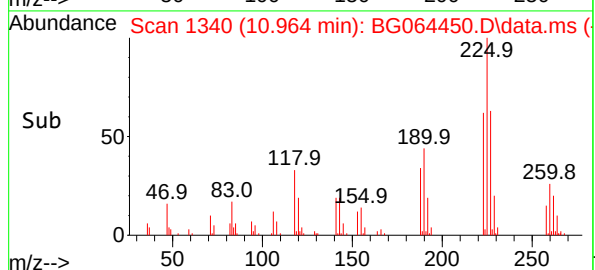
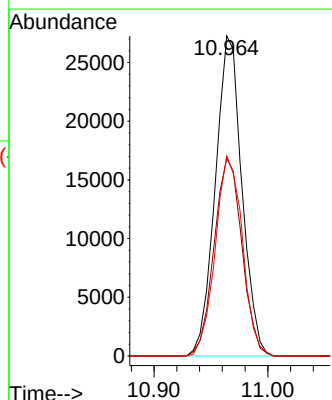
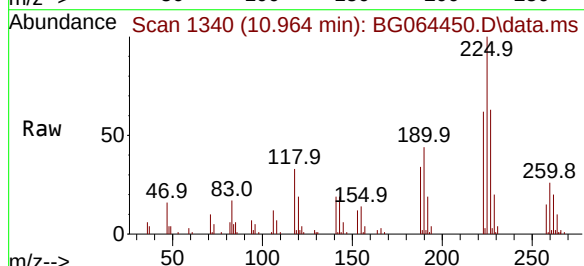
Manual Integrations
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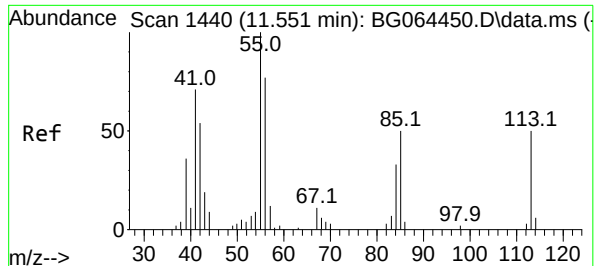
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 44.236 ng
RT: 10.964 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:225 Resp: 44299
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 62.5 50.0 75.0





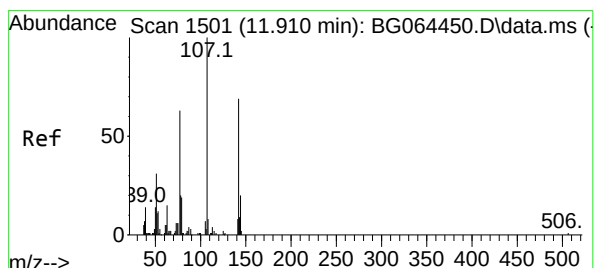
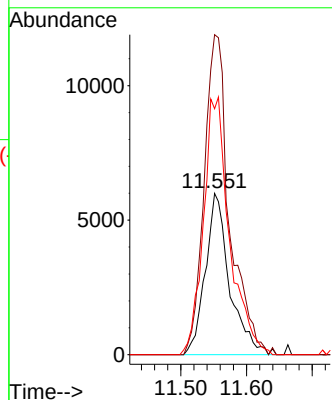
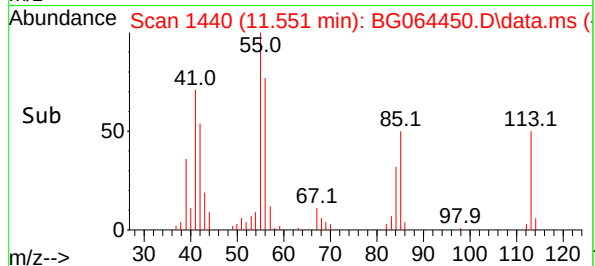
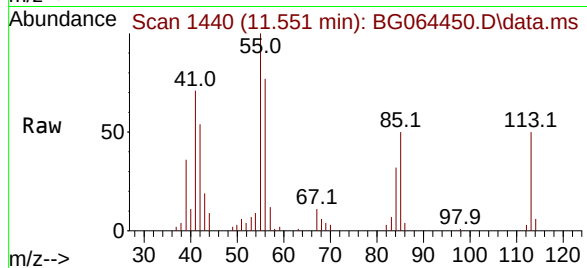
#35
Caprolactam
Concen: 42.536 ng
RT: 11.551 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 15420
Ion Ratio Lower Upper
113 100
55 198.3 178.3 218.3
56 152.4 132.4 172.4

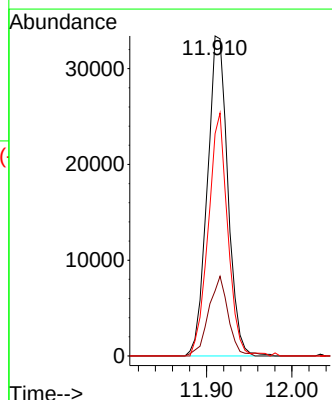
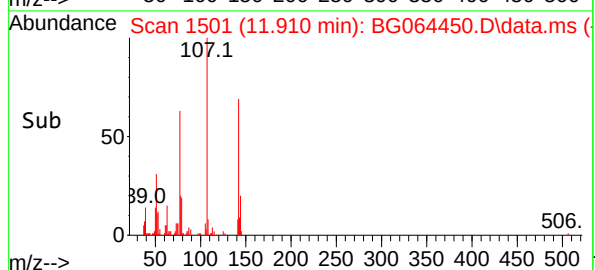
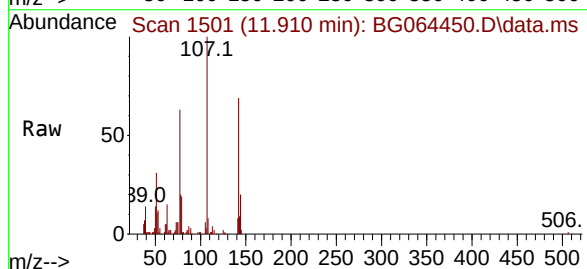
Manual Integrations
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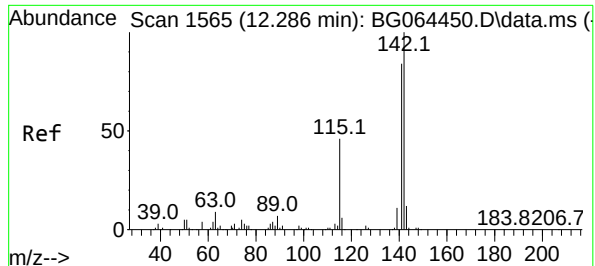
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#36
4-Chloro-3-methylphenol
Concen: 43.042 ng
RT: 11.910 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

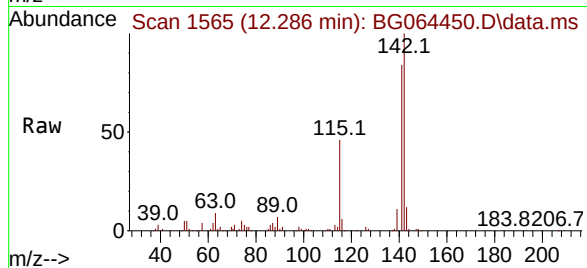
Tgt Ion:107 Resp: 56075
Ion Ratio Lower Upper
107 100
144 20.4 16.3 24.5
142 69.4 55.5 83.3





#37
2-Methylnaphthalene
Concen: 43.250 ng
RT: 12.286 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

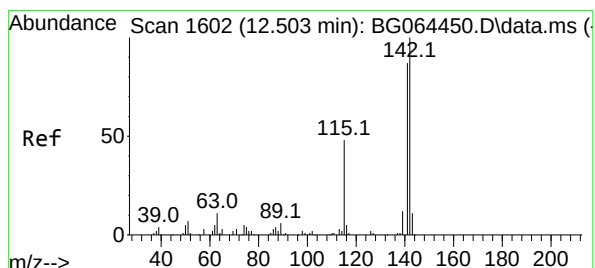
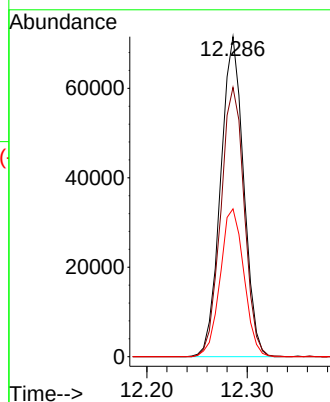
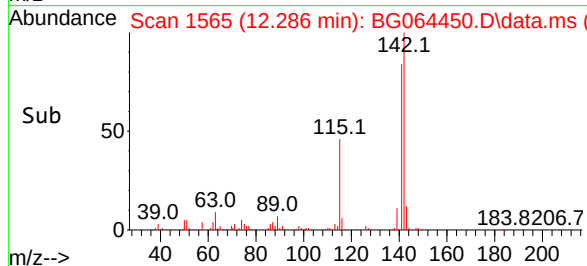
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:142 Resp: 11386
Ion Ratio Lower Upper
142 100
141 84.1 67.3 100.9
115 46.2 37.0 55.4

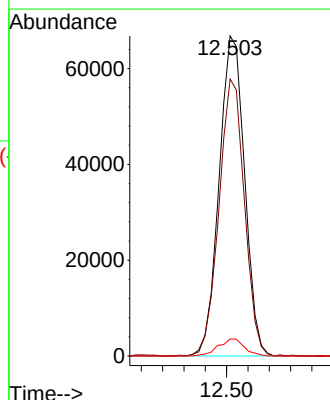
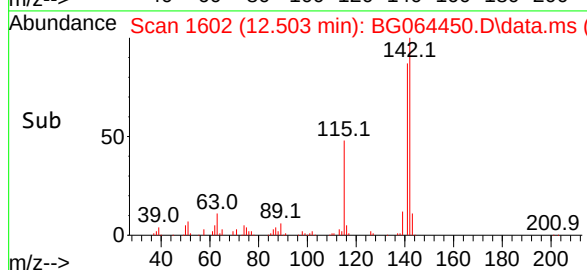
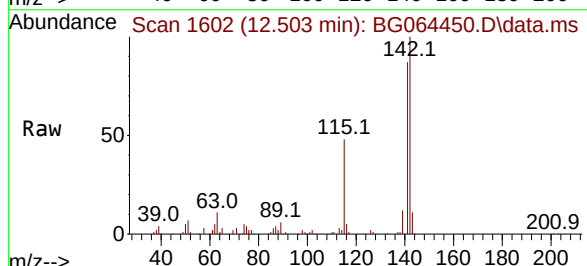
Manual Integrations
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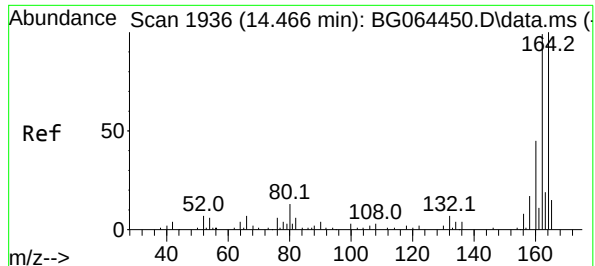
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 42.838 ng
RT: 12.503 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

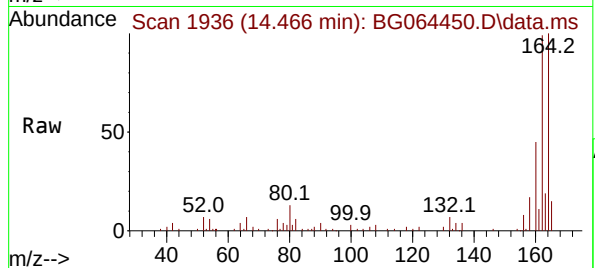
Tgt Ion:142 Resp: 110815
Ion Ratio Lower Upper
142 100
141 86.5 69.2 103.8
116 5.3 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

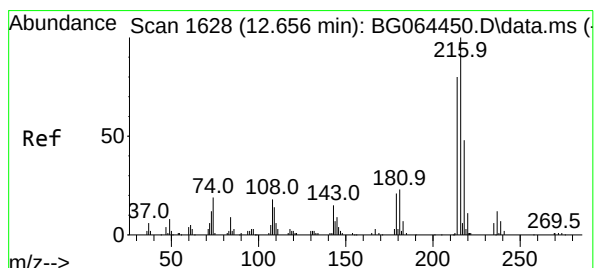
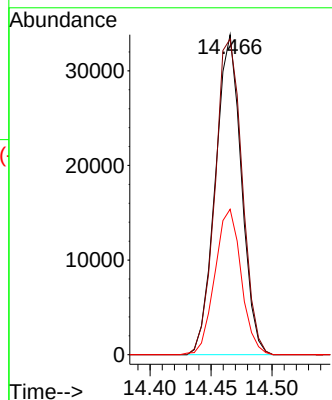
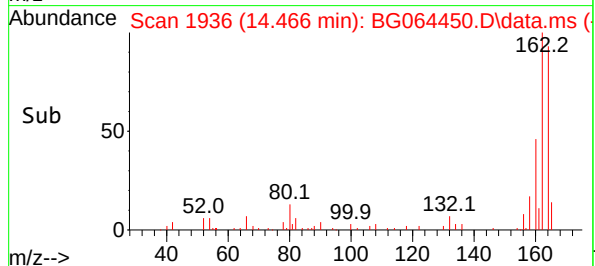
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 5017
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.4
160 45.4 36.3 54.5

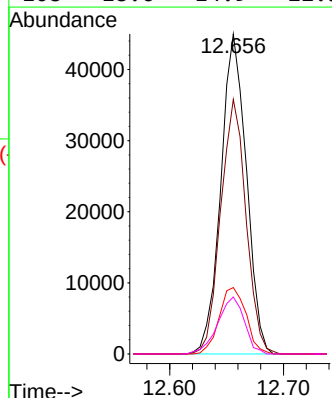
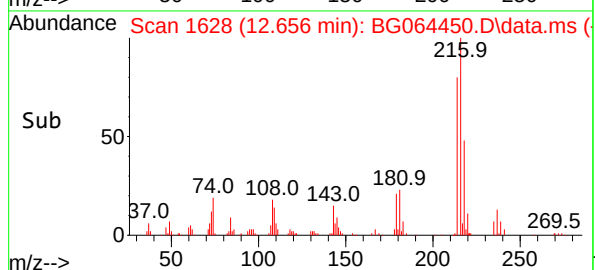
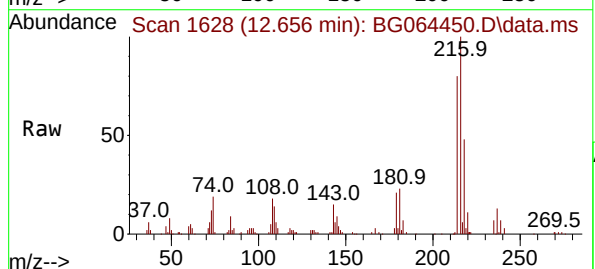
Manual Integrations
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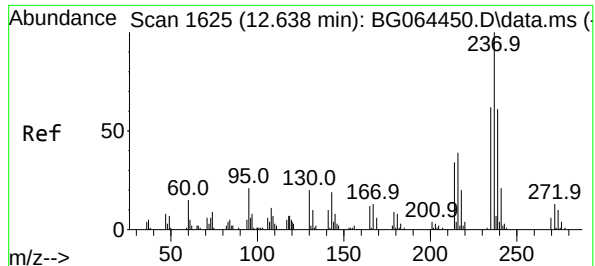
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.832 ng
RT: 12.656 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

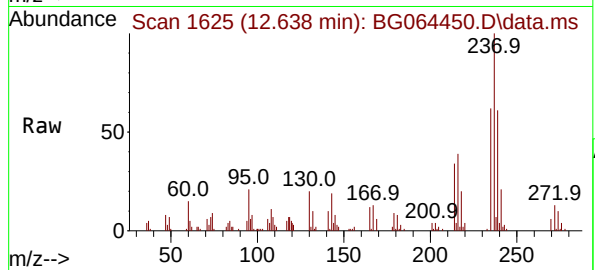
Tgt Ion:216 Resp: 70094
Ion Ratio Lower Upper
216 100
214 78.9 63.1 94.7
179 21.8 17.4 26.2
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 43.153 ng
RT: 12.638 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

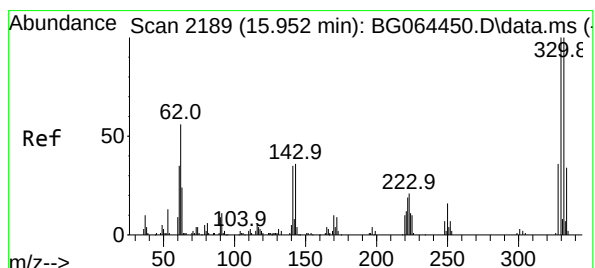
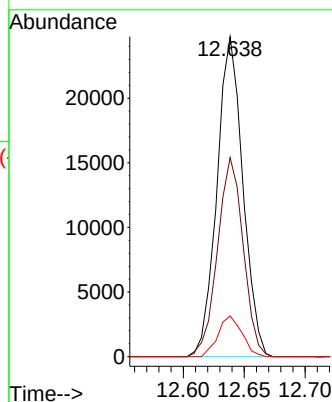
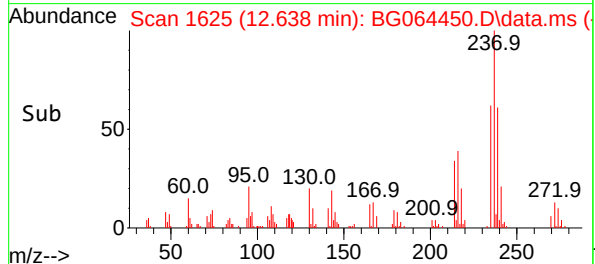
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



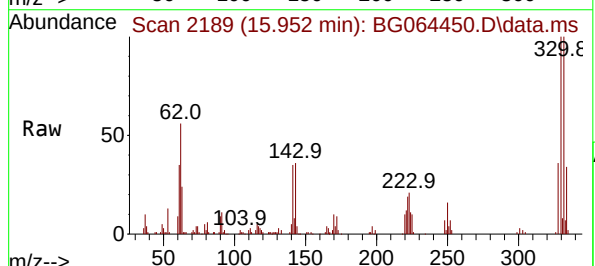
Tgt Ion: 237 Resp: 36649
Ion Ratio Lower Upper
237 100
235 62.2 42.2 82.2
272 12.8 0.0 32.8

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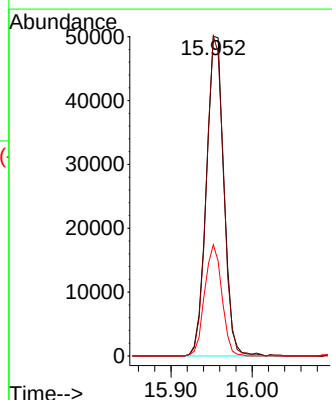
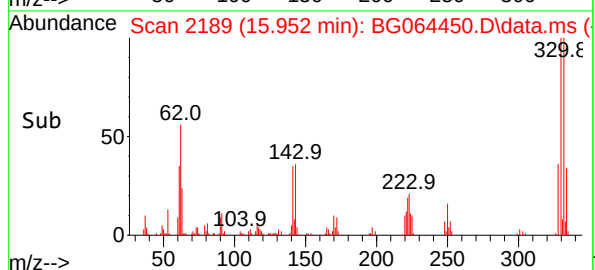
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

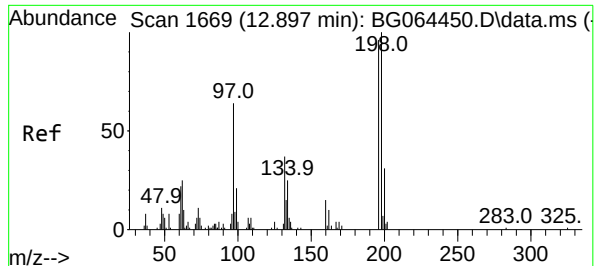


#42
2,4,6-Tribromophenol
Concen: 85.352 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



Tgt Ion: 330 Resp: 74766
Ion Ratio Lower Upper
330 100
332 98.5 78.8 118.2
141 34.1 27.3 40.9





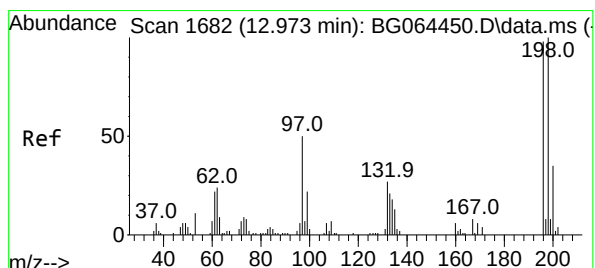
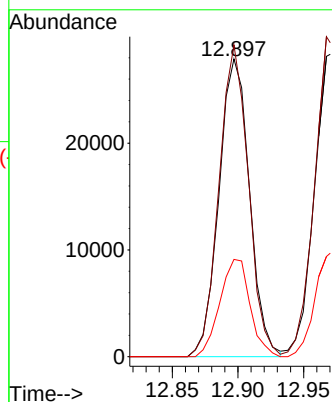
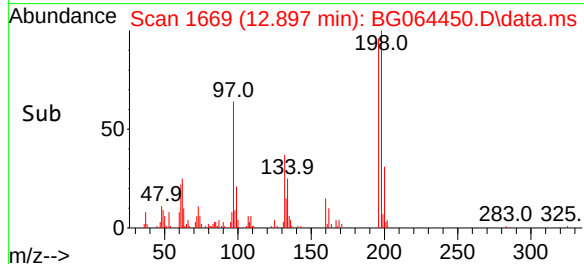
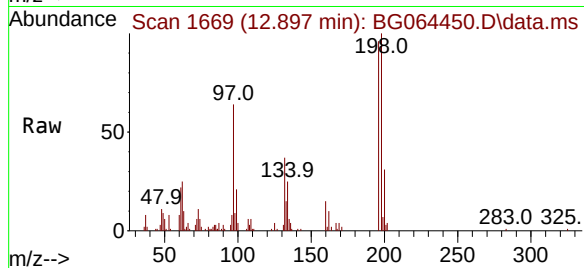
#43
2,4,6-Trichlorophenol
Concen: 43.379 ng
RT: 12.897 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 45249
Ion Ratio Lower Upper
196 100
198 104.7 83.8 125.6
200 32.6 26.1 39.1

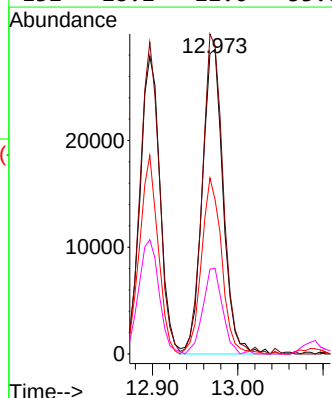
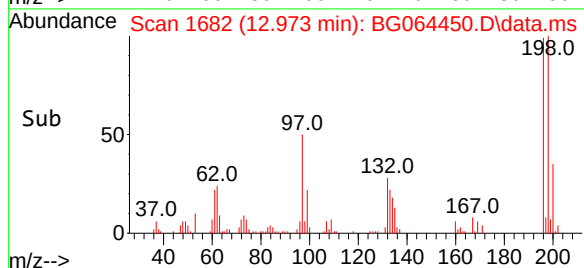
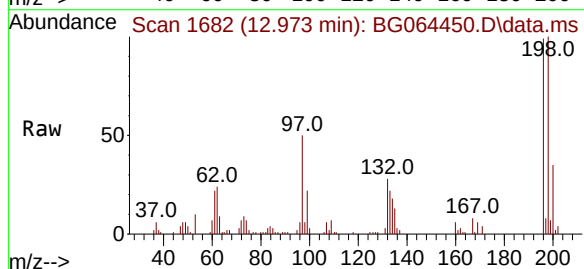
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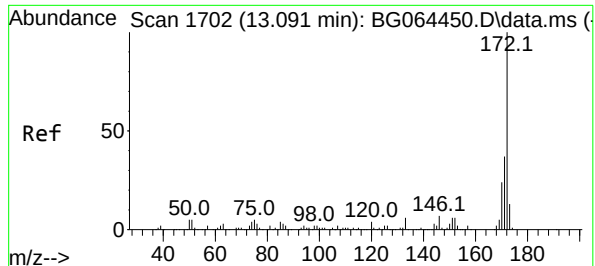
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44
2,4,5-Trichlorophenol
Concen: 42.178 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:196 Resp: 48774
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 50.6 40.5 60.7
132 28.2 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 84.716 ng

RT: 13.091 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 28786

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

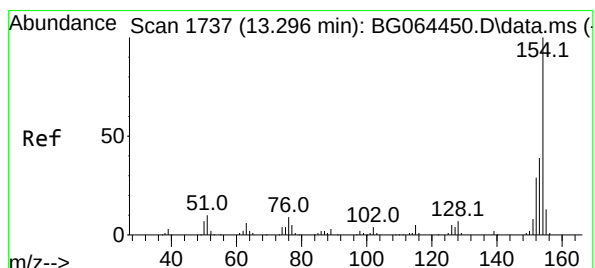
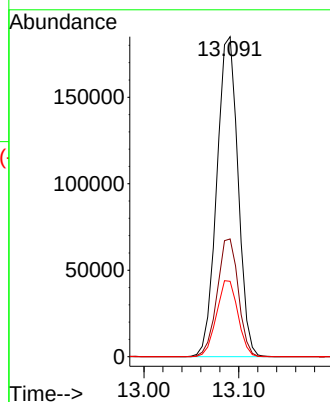
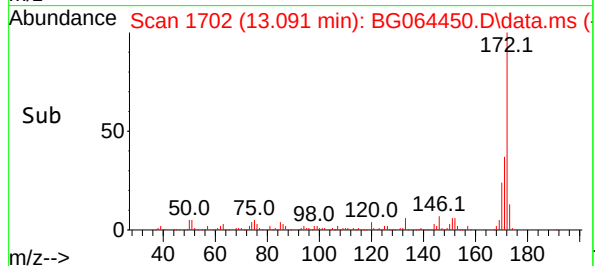
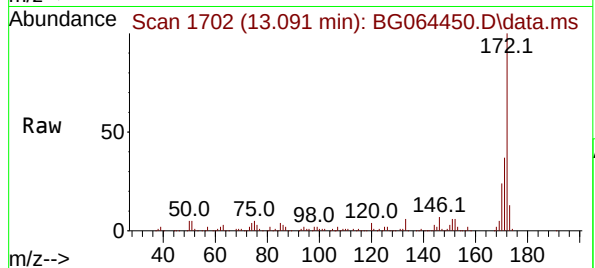
170 23.6 18.9 28.3

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#46

1,1'-Biphenyl

Concen: 42.682 ng

RT: 13.296 min Scan# 1737

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

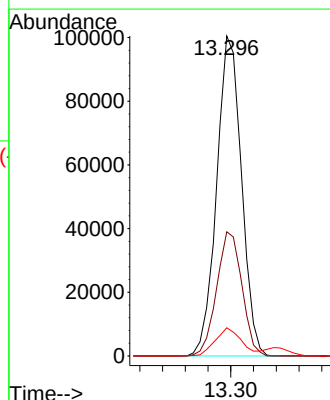
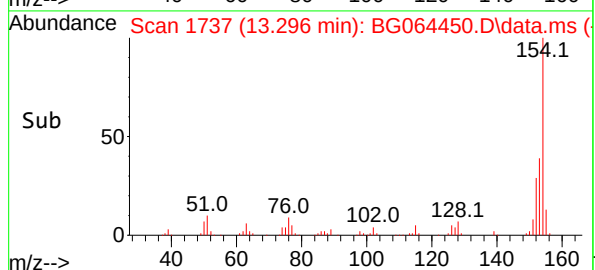
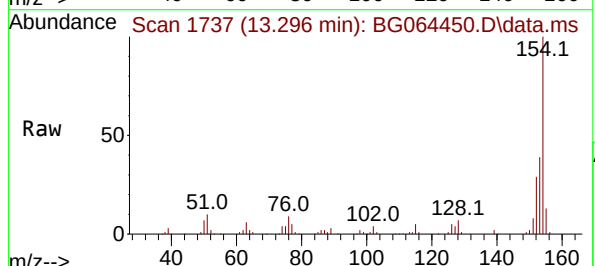
Tgt Ion:154 Resp: 152347

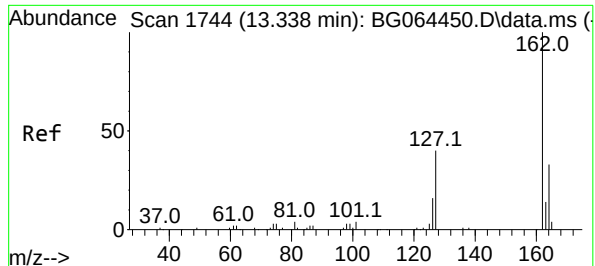
Ion Ratio Lower Upper

154 100

153 38.8 18.8 58.8

76 8.8 0.0 28.8





#47

2-Chloronaphthalene

Concen: 42.235 ng

RT: 13.338 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BG064450.D

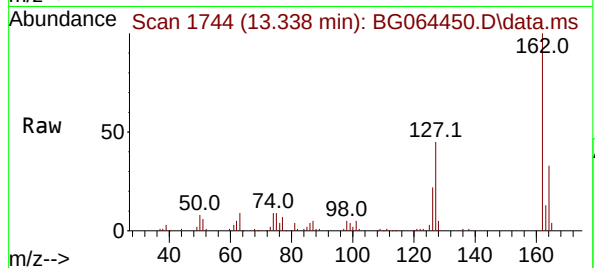
Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



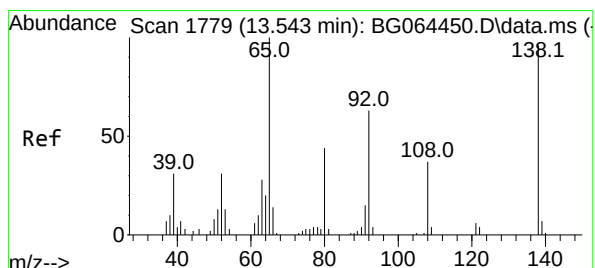
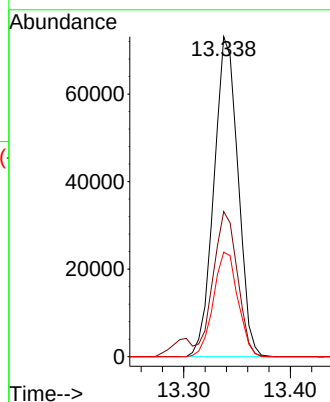
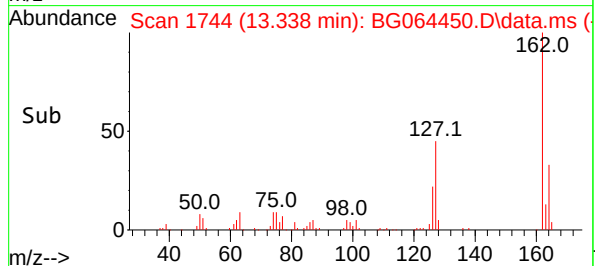
Tgt Ion:	162	Resp:	114578
Ion	Ratio	Lower	Upper
162	100		
127	45.3	36.2	54.4
164	32.7	26.2	39.2

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

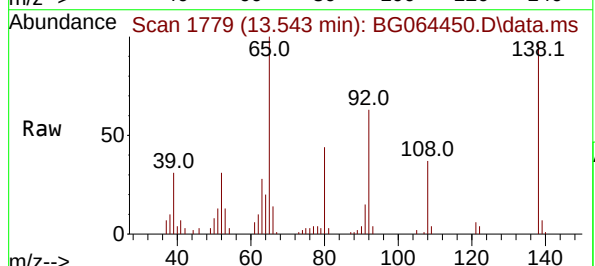
Concen: 43.694 ng

RT: 13.543 min Scan# 1779

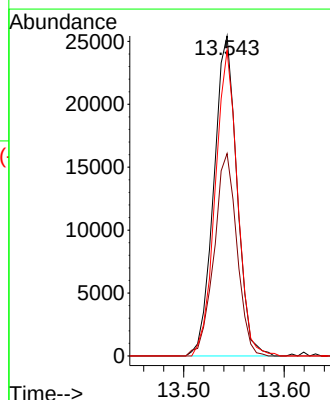
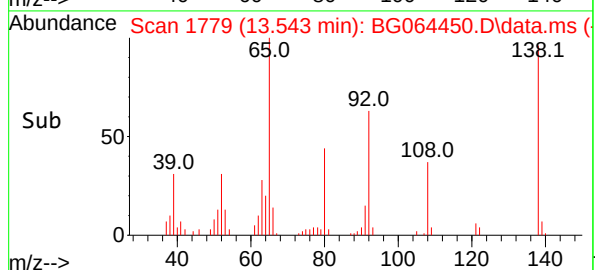
Delta R.T. 0.000 min

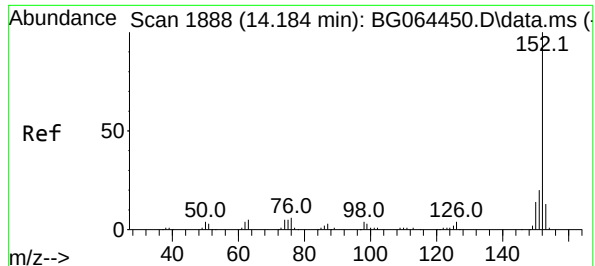
Lab File: BG064450.D

Acq: 25 Sep 2025 18:45



Tgt Ion:	65	Resp:	40740
Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.6	75.8
138	95.5	76.4	114.6





#49

Acenaphthylene

Concen: 43.085 ng

RT: 14.184 min Scan# 1888

Delta R.T. 0.000 min

Lab File: BG064450.D

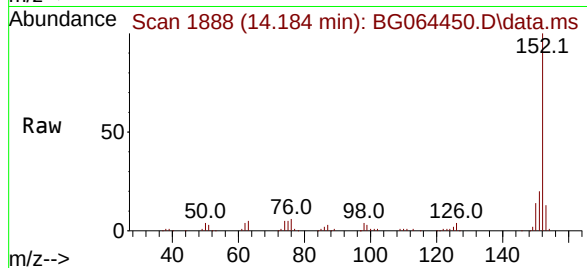
Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040



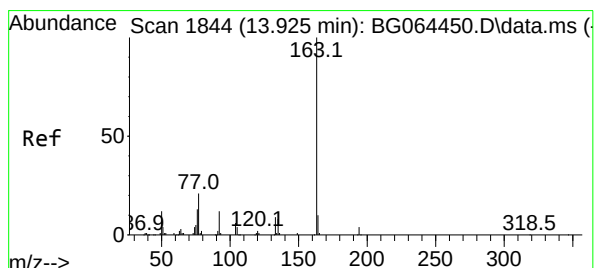
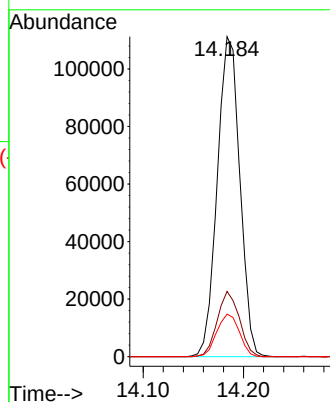
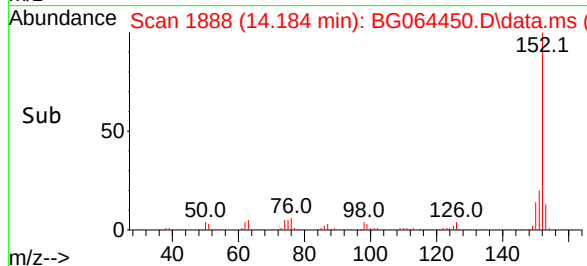
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.6	16.0

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Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

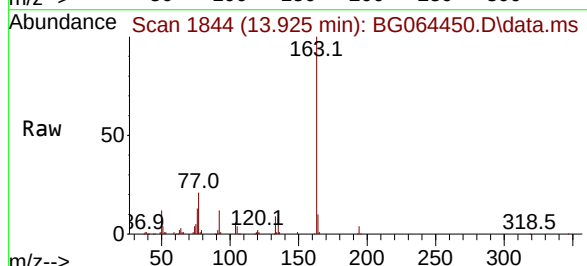
Concen: 42.092 ng

RT: 13.925 min Scan# 1844

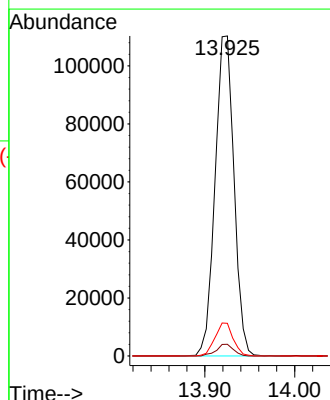
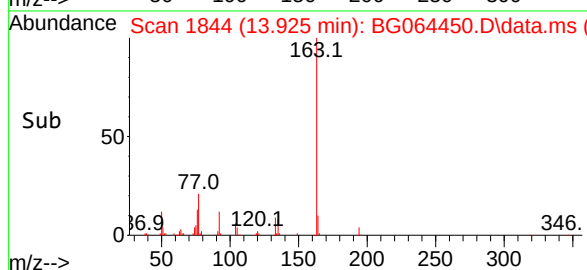
Delta R.T. 0.000 min

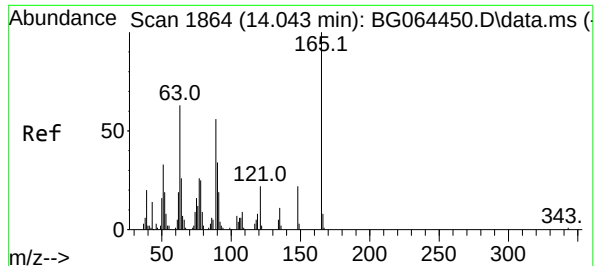
Lab File: BG064450.D

Acq: 25 Sep 2025 18:45



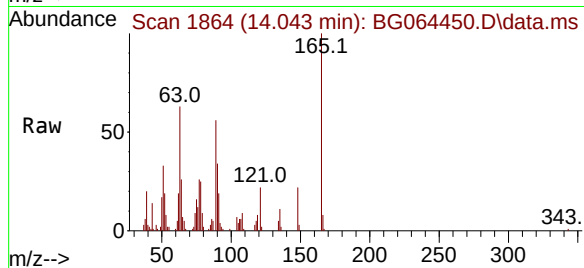
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 44.001 ng
RT: 14.043 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

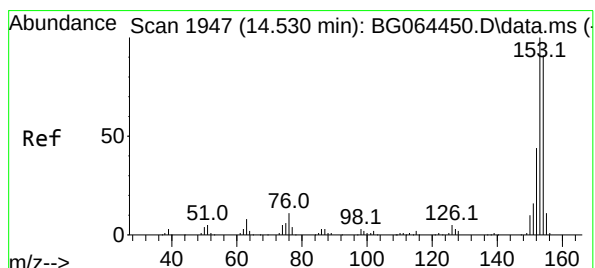
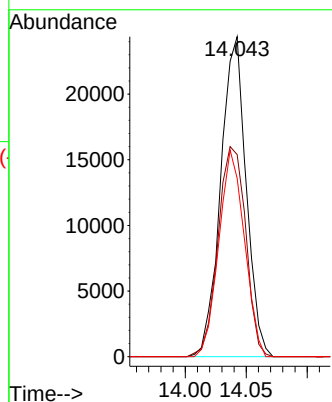
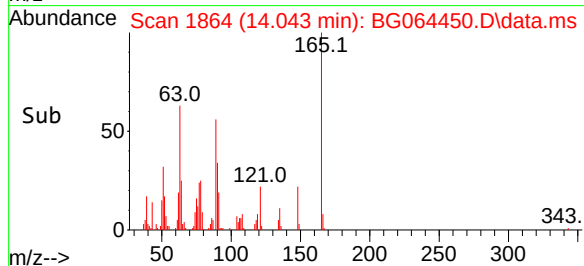
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 3542
Ion Ratio Lower Upper
165 100
63 63.2 50.6 75.8
89 55.8 44.6 67.0

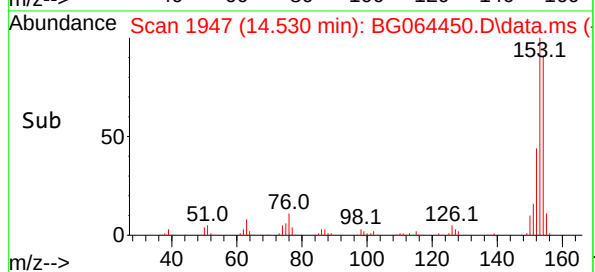
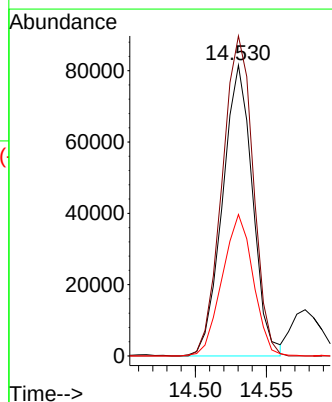
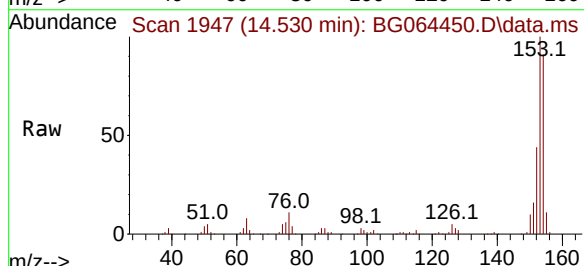
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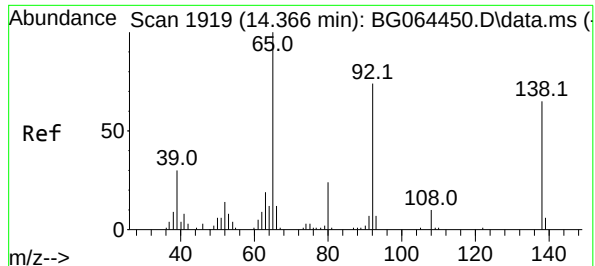
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 43.497 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

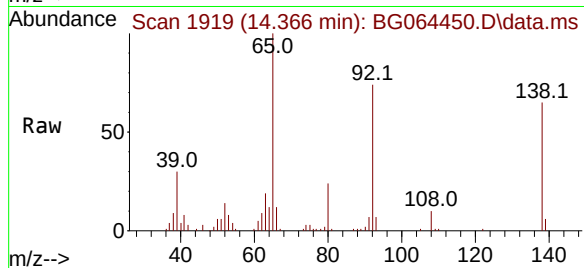
Tgt Ion:154 Resp: 119888
Ion Ratio Lower Upper
154 100
153 110.1 88.1 132.1
152 48.7 39.0 58.4





#53
3-Nitroaniline
Concen: 44.762 ng
RT: 14.366 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

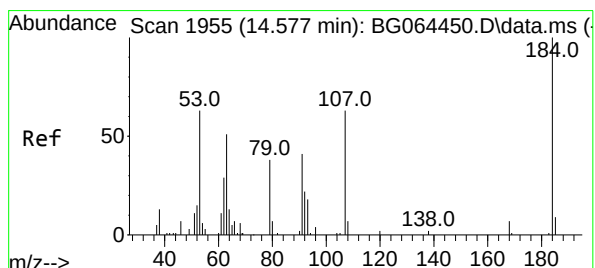
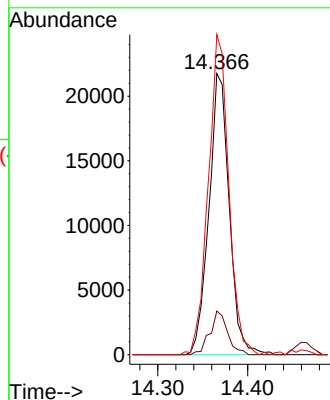
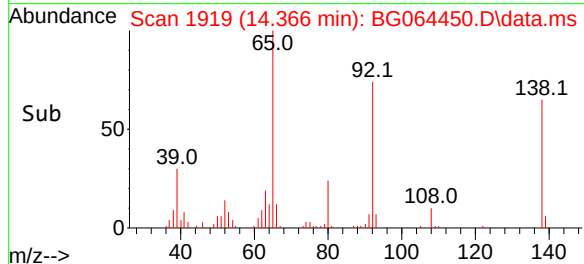
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 3415
Ion Ratio Lower Upper
138 100
108 15.5 12.4 18.6
92 113.8 91.0 136.6

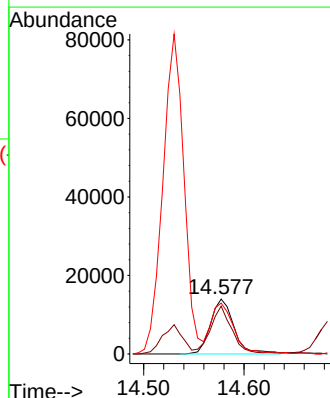
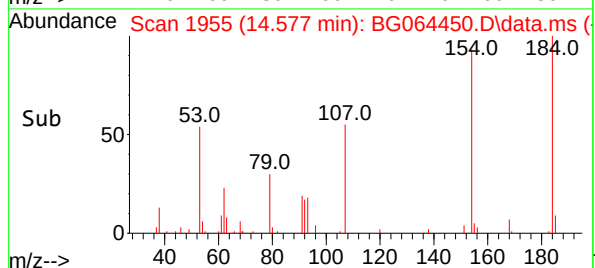
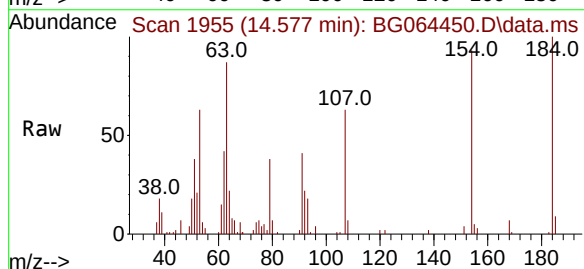
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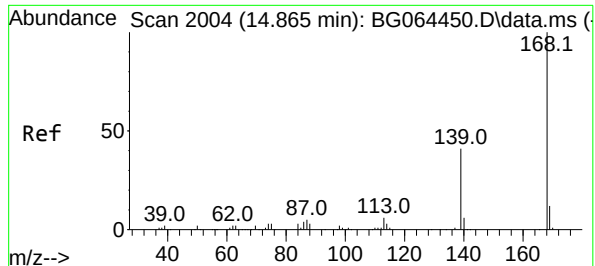
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 42.323 ng
RT: 14.577 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:184 Resp: 22631
Ion Ratio Lower Upper
184 100
63 87.3 69.8 104.8
154 92.8 74.2 111.4





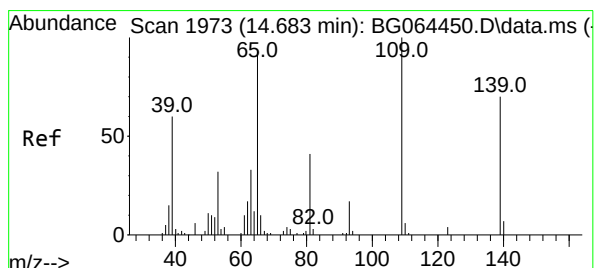
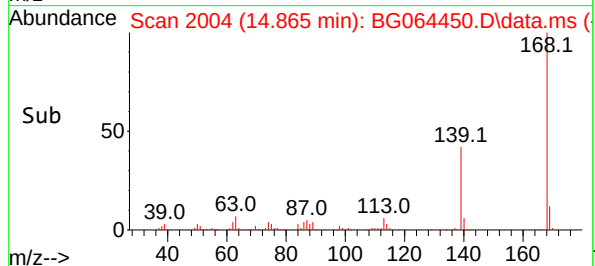
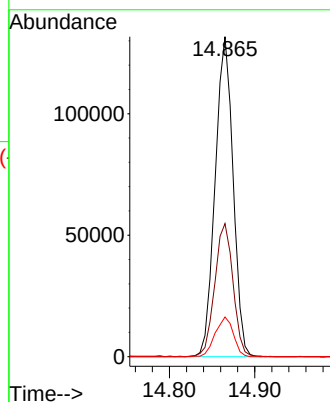
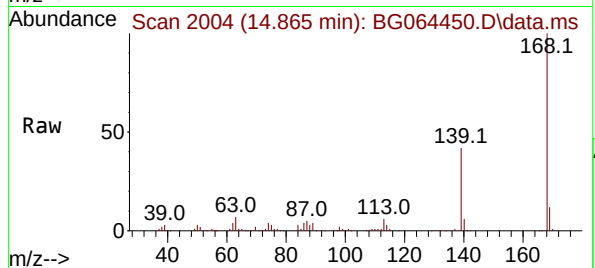
#55
Dibenzenofuran
Concen: 42.035 ng
RT: 14.865 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 19209
Ion Ratio Lower Upper
168 100
139 41.6 33.3 49.9
169 12.4 9.9 14.9

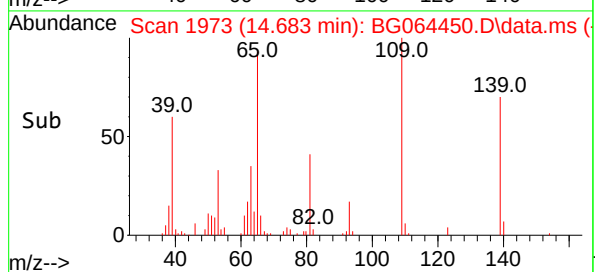
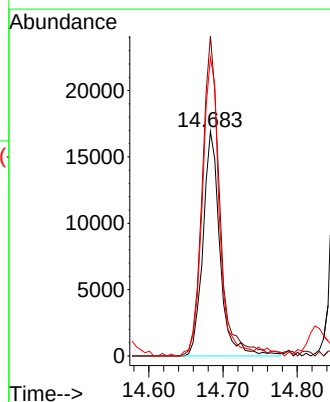
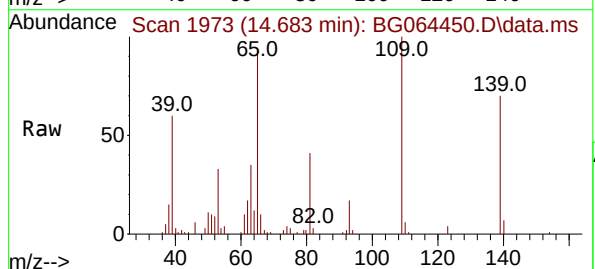
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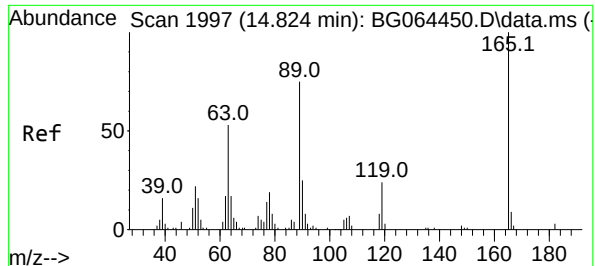
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 43.603 ng
RT: 14.683 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

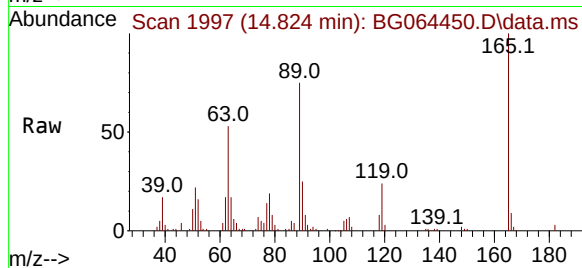
Tgt Ion:139 Resp: 26927
Ion Ratio Lower Upper
139 100
109 142.5 122.5 162.5
65 133.0 113.0 153.0





#57
2,4-Dinitrotoluene
Concen: 42.899 ng
RT: 14.824 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

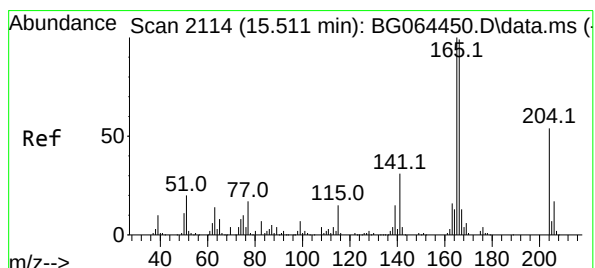
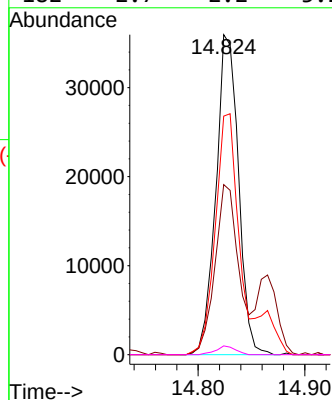
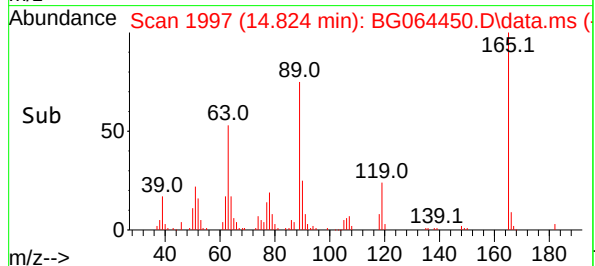
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



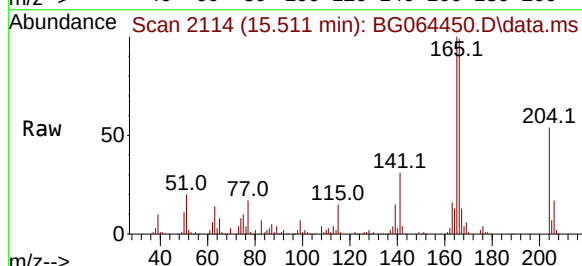
Tgt Ion:165 Resp: 52729
Ion Ratio Lower Upper
165 100
63 53.2 42.6 63.8
89 74.6 59.7 89.5
182 2.7 2.2 3.2

Manual Integrations
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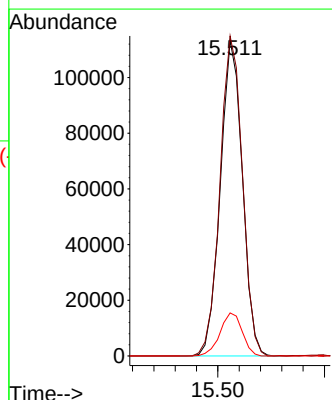
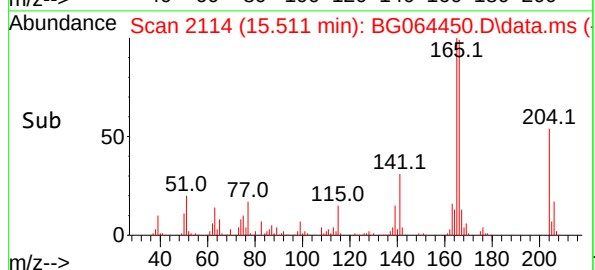
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

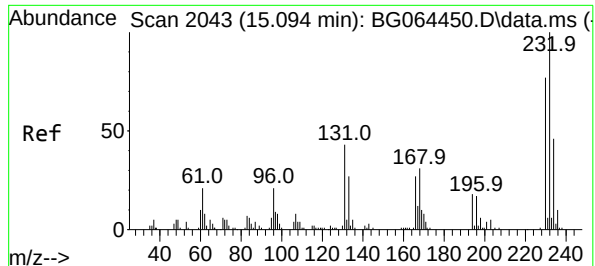


#58
Fluorene
Concen: 43.035 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



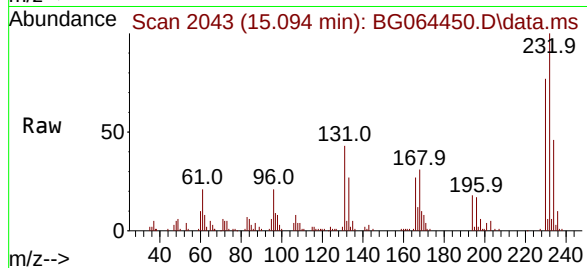
Tgt Ion:166 Resp: 162346
Ion Ratio Lower Upper
166 100
165 101.4 81.1 121.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.754 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

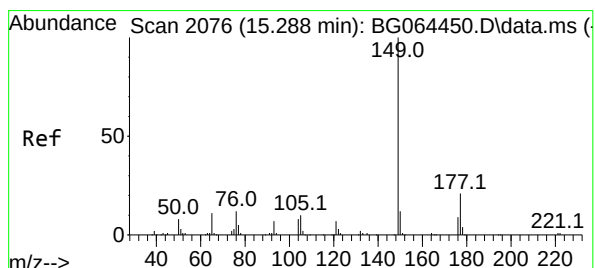
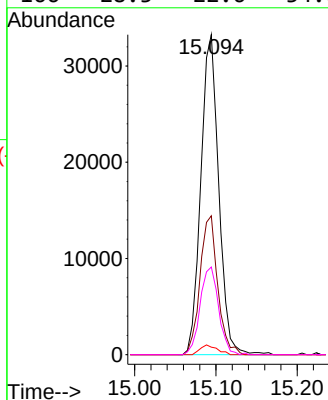
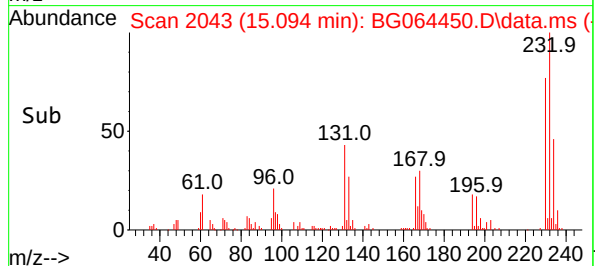
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



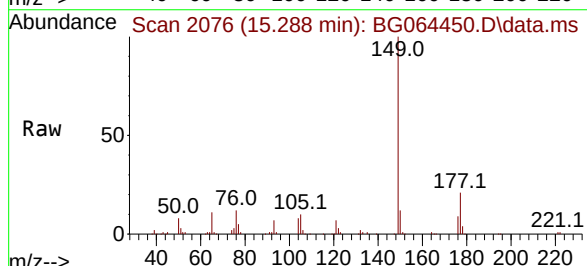
Tgt Ion:232 Resp: 5079
Ion Ratio Lower Upper
232 100
131 42.9 34.3 51.5
130 2.9 2.3 3.5
166 28.3 22.6 34.0

Manual Integrations
APPROVED

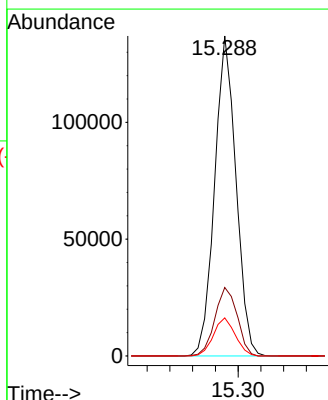
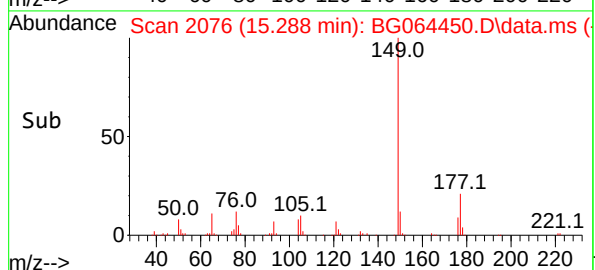
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

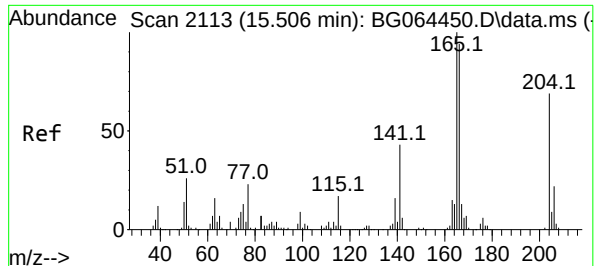


#60
Diethylphthalate
Concen: 43.227 ng
RT: 15.288 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



Tgt Ion:149 Resp: 178543
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 11.9 9.5 14.3





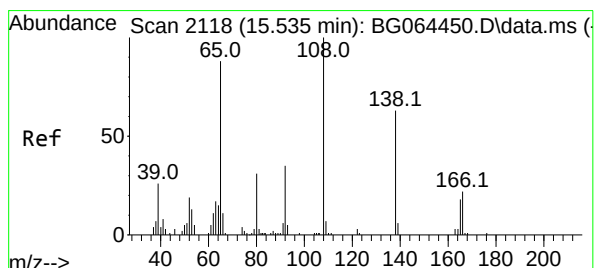
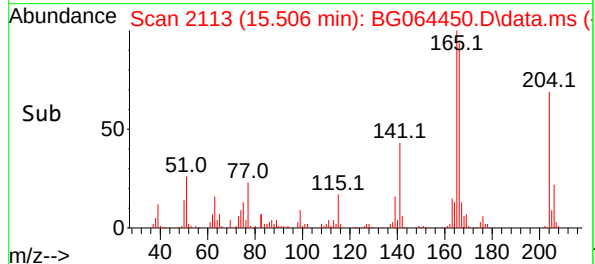
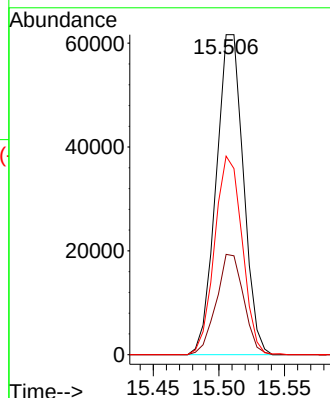
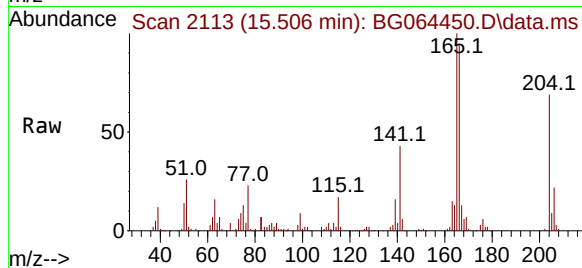
#61
4-Chlorophenyl-phenylether
Concen: 43.291 ng
RT: 15.506 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 8918
Ion Ratio Lower Upper
204 100
206 31.3 25.0 37.6
141 62.1 49.7 74.5

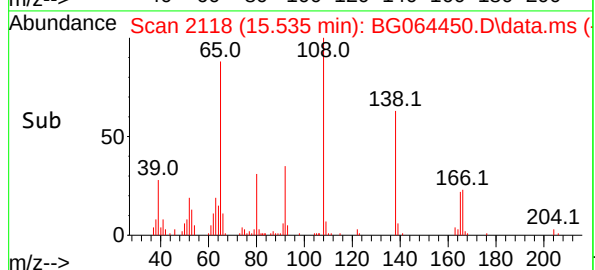
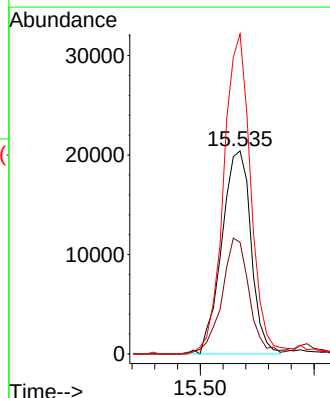
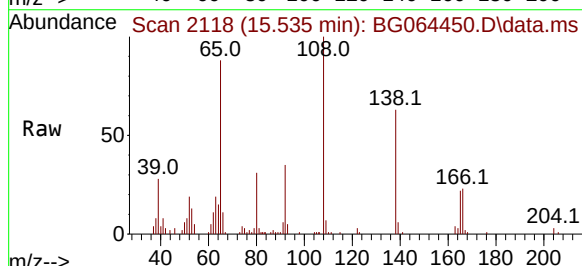
Manual Integrations
APPROVED

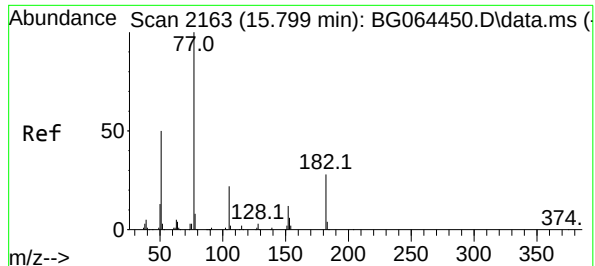
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 44.591 ng
RT: 15.535 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

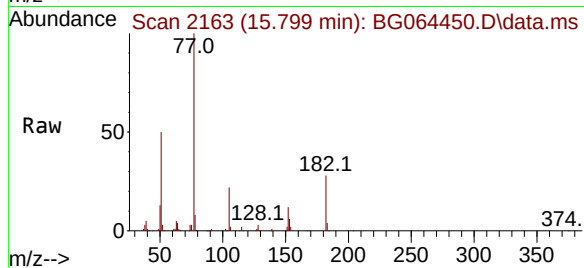
Tgt Ion:138 Resp: 36479
Ion Ratio Lower Upper
138 100
92 55.0 35.0 75.0
108 157.5 137.5 177.5





#63
Azobenzene
Concen: 43.401 ng
RT: 15.799 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

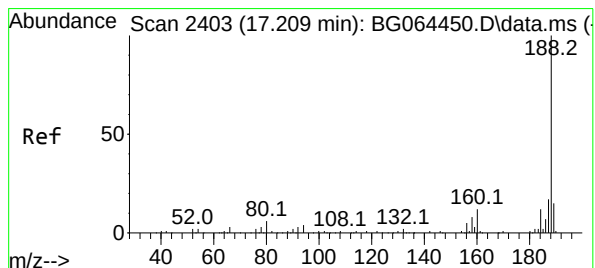
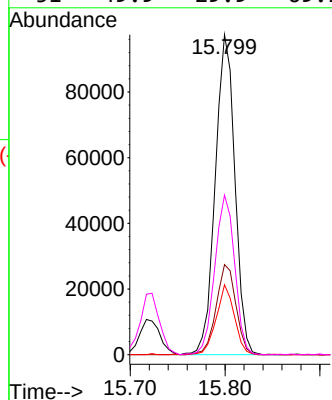
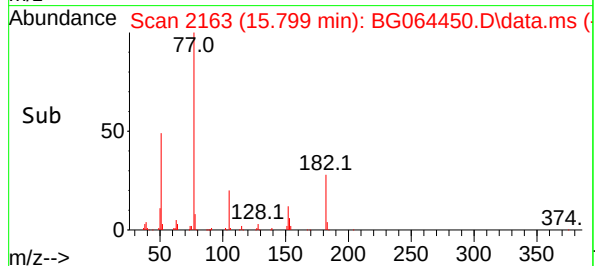
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 140272
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 21.9 1.9 41.9
51 49.9 29.9 69.9

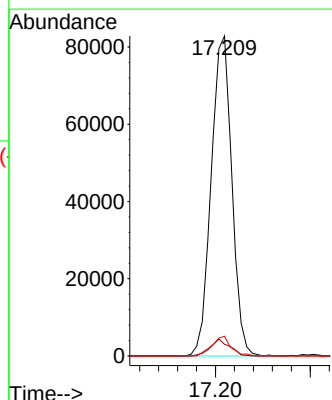
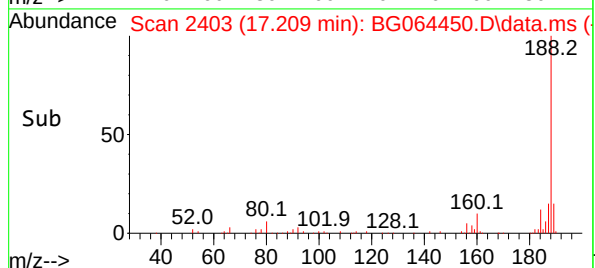
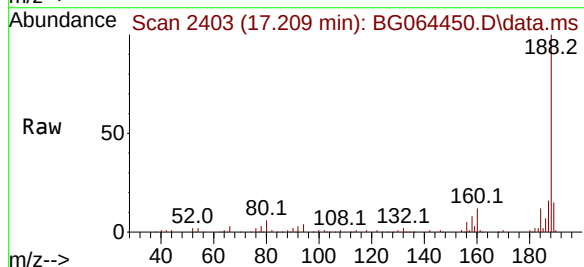
Manual Integrations
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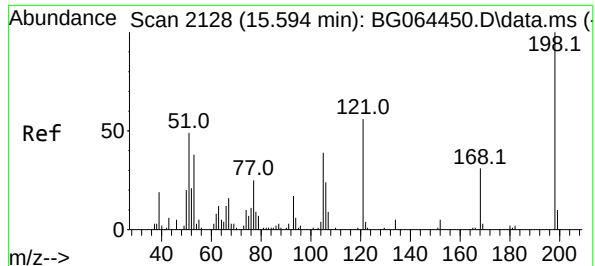
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:188 Resp: 125215
Ion Ratio Lower Upper
188 100
94 3.7 3.0 4.4
80 6.1 4.9 7.3





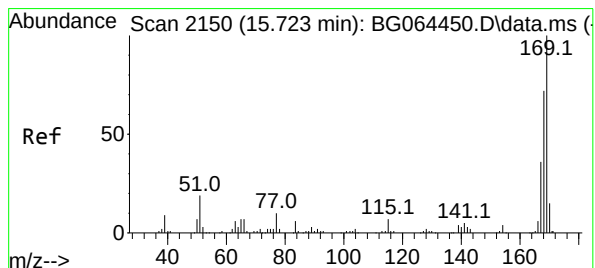
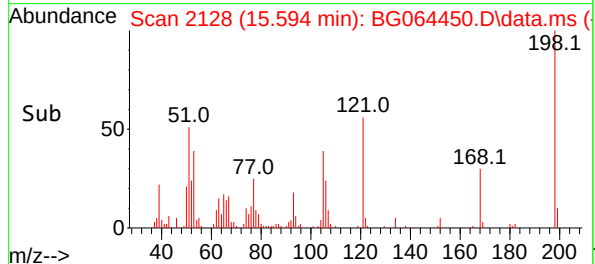
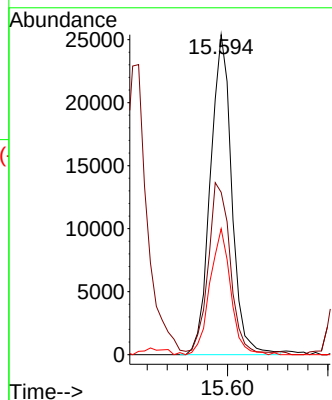
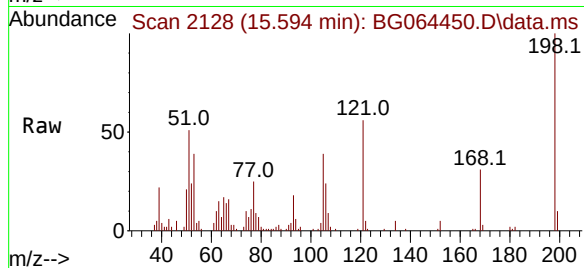
#65
4,6-Dinitro-2-methylphenol
Concen: 43.859 ng
RT: 15.594 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 37619
Ion Ratio Lower Upper
198 100
51 50.8 30.8 70.8
105 39.3 19.3 59.3

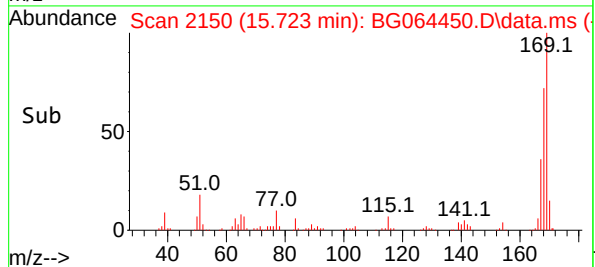
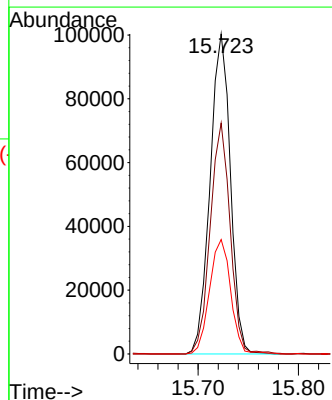
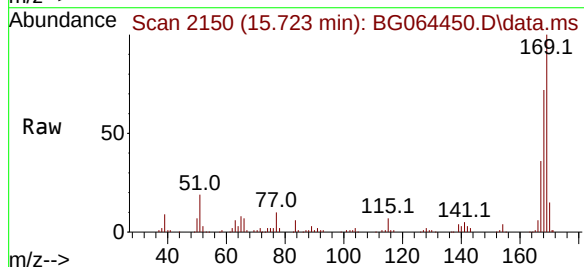
Manual Integrations
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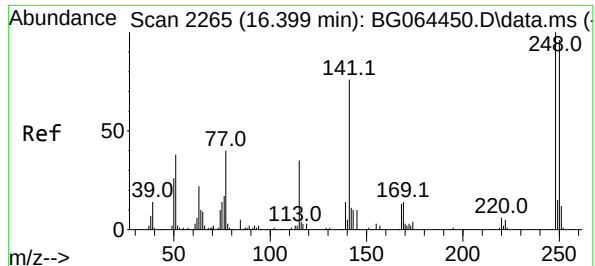
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.194 ng
RT: 15.723 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

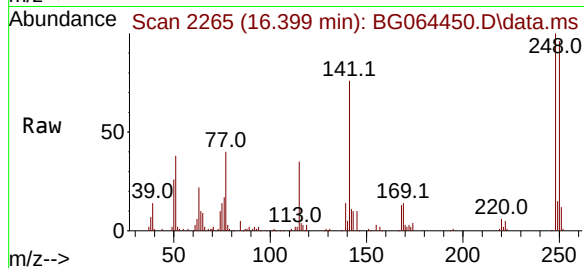
Tgt Ion:169 Resp: 140984
Ion Ratio Lower Upper
169 100
168 72.1 57.7 86.5
167 35.7 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 43.215 ng
RT: 16.399 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

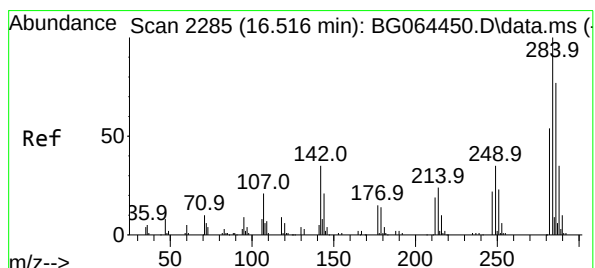
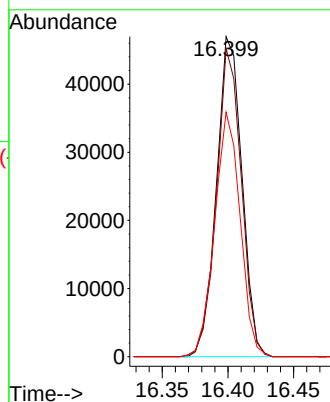
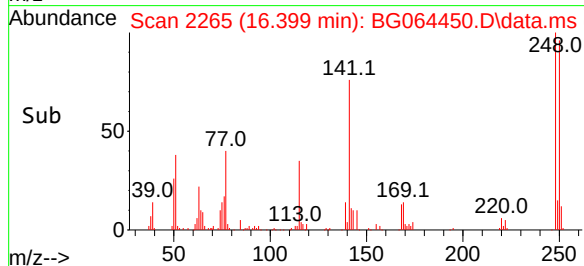
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



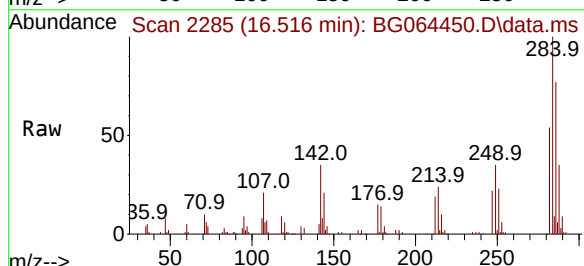
Tgt Ion:248 Resp: 6340
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 76.4 61.1 91.7

Manual Integrations
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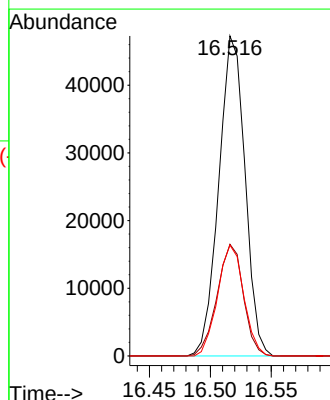
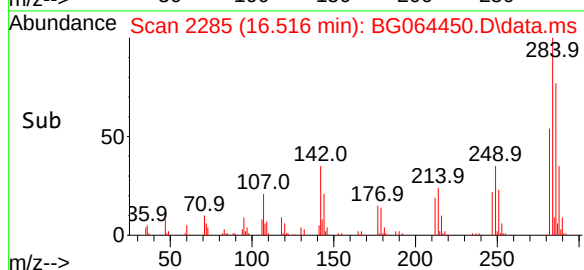
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

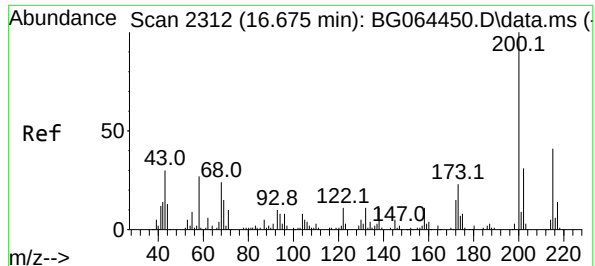


#68
Hexachlorobenzene
Concen: 42.326 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



Tgt Ion:284 Resp: 70671
Ion Ratio Lower Upper
284 100
142 34.9 27.9 41.9
249 34.6 27.7 41.5





#69

Atrazine

Concen: 42.322 ng

RT: 16.675 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

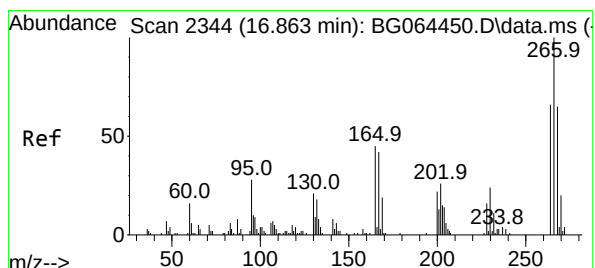
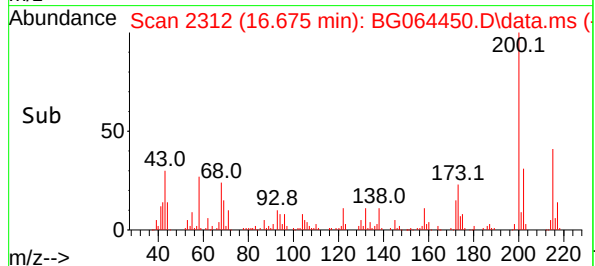
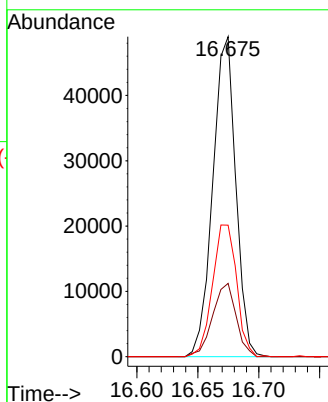
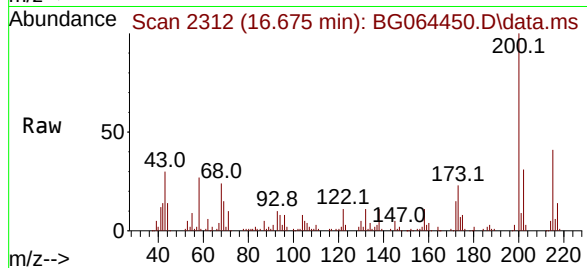
Tgt Ion	200	Resp	6424
Ion Ratio	Lower	Upper	
200	100		
173	22.9	2.9	42.9
215	41.1	21.1	61.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 43.823 ng

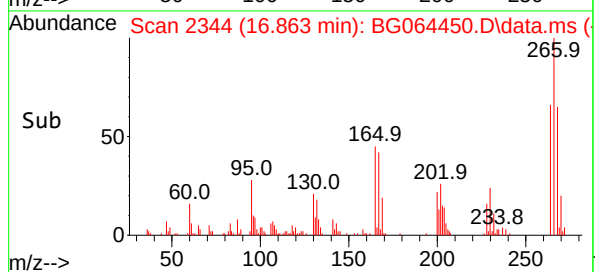
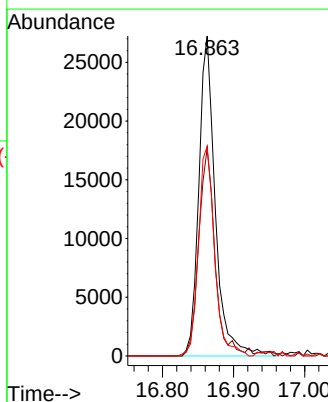
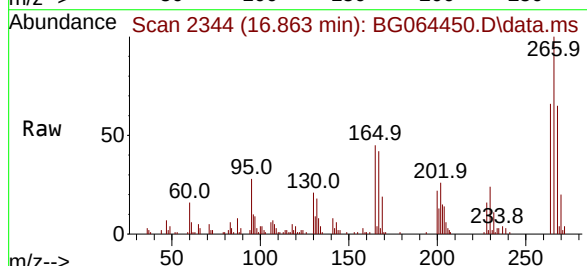
RT: 16.863 min Scan# 2344

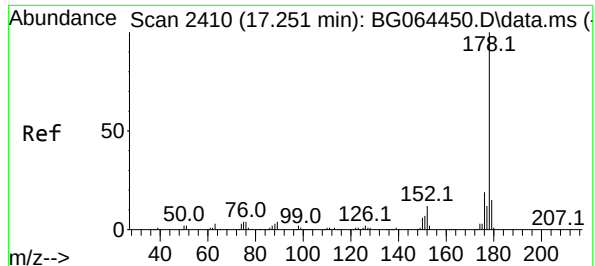
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

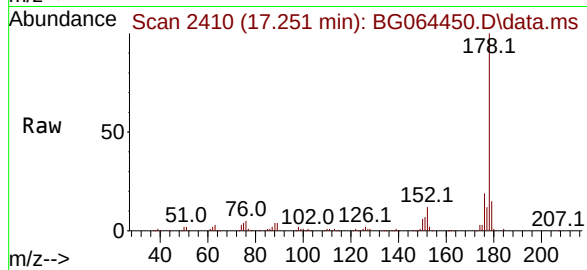
Tgt Ion	266	Resp	44158
Ion Ratio	Lower	Upper	
266	100		
268	64.9	51.9	77.9
264	65.5	52.4	78.6





#71
Phenanthrene
Concen: 43.014 ng
RT: 17.251 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

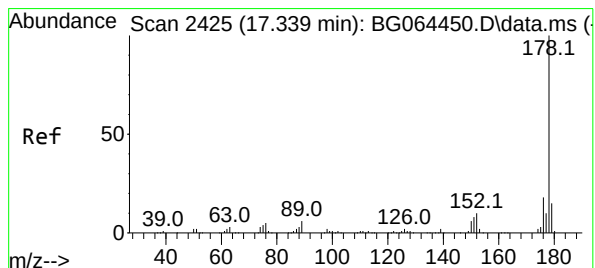
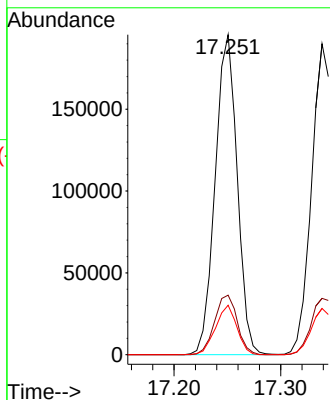
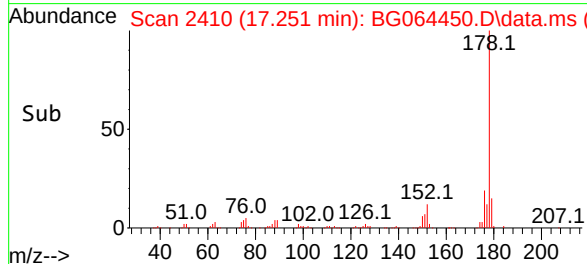
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 279949
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.4 18.6

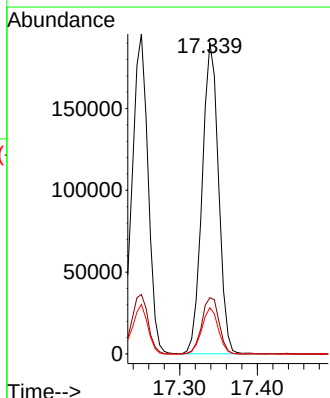
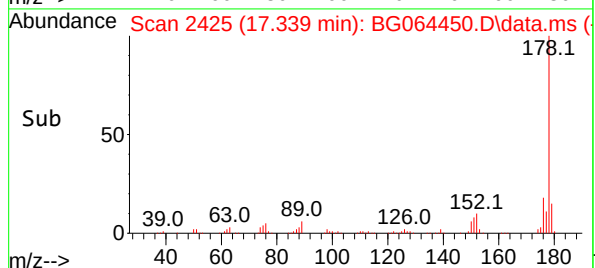
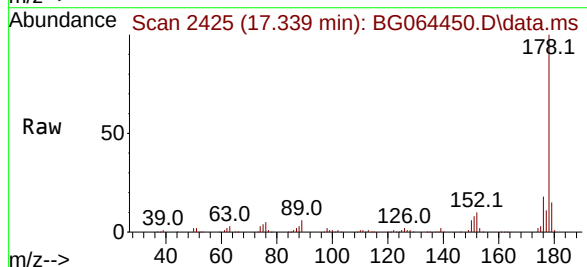
Manual Integrations
APPROVED

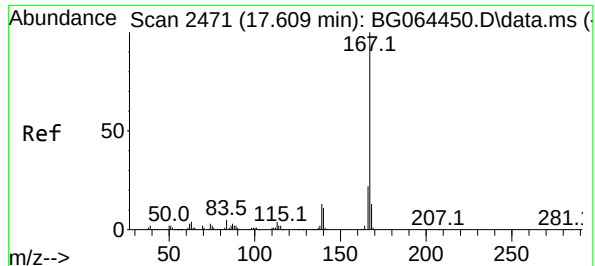
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 42.040 ng
RT: 17.339 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

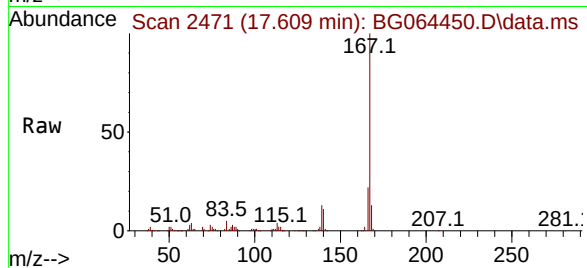
Tgt Ion:178 Resp: 278620
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 14.9 11.9 17.9





#73
Carbazole
Concen: 43.456 ng
RT: 17.609 min Scan# 2471
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

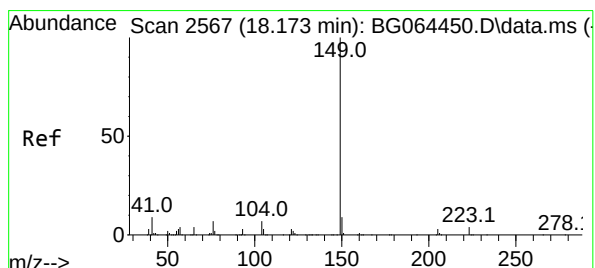
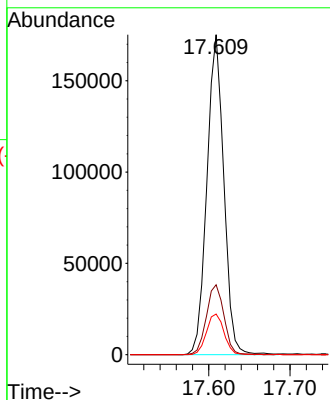
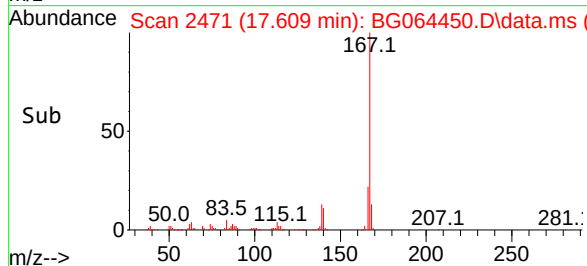
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



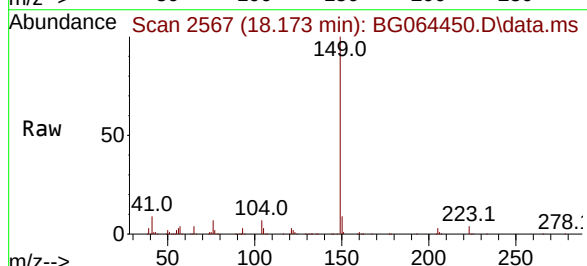
Tgt Ion:167 Resp: 25266
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 12.7 10.2 15.2

Manual Integrations
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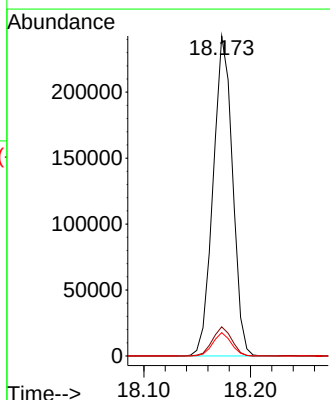
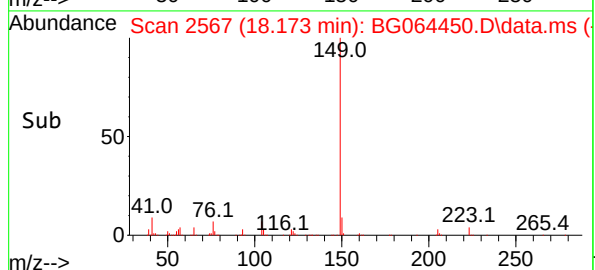
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

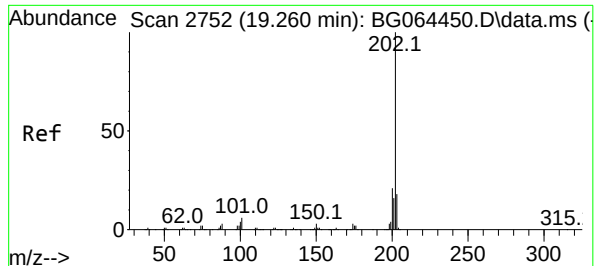


#74
Di-n-butylphthalate
Concen: 43.093 ng
RT: 18.173 min Scan# 2567
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



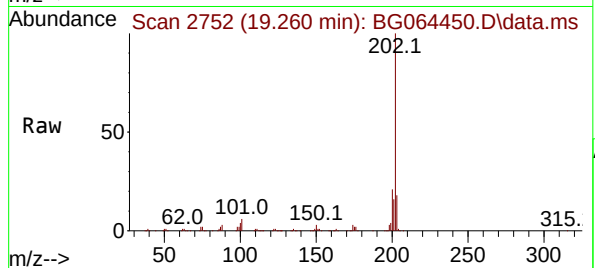
Tgt Ion:149 Resp: 306480
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 7.3 5.8 8.8





#75
Fluoranthene
Concen: 42.967 ng
RT: 19.260 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

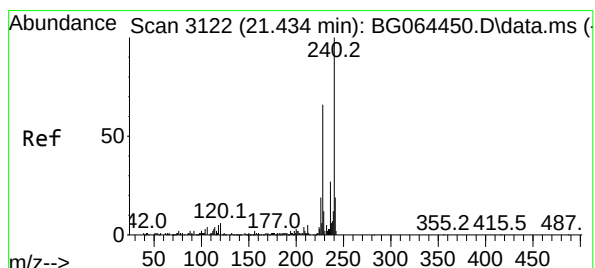
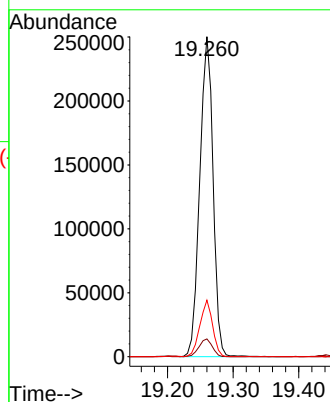
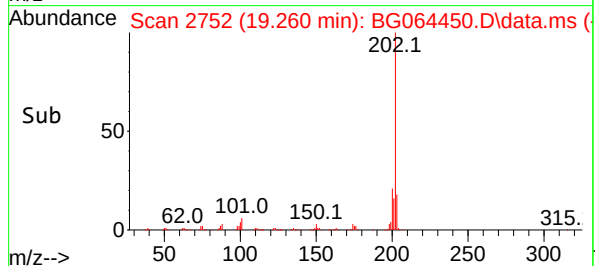
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 35313
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.6
203 17.7 0.0 37.7

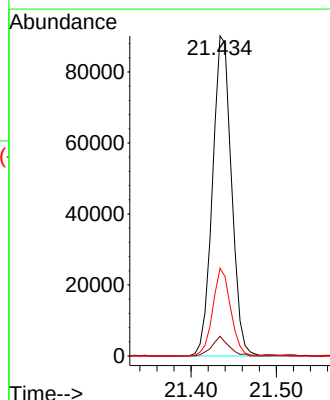
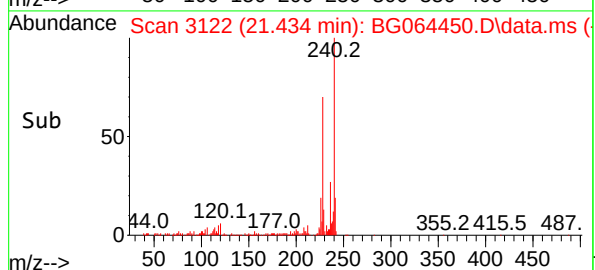
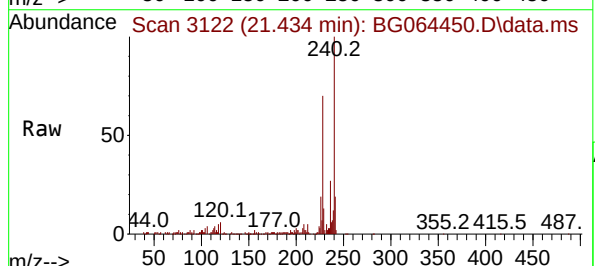
Manual Integrations
APPROVED

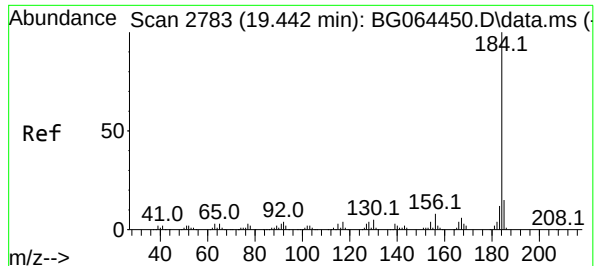
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

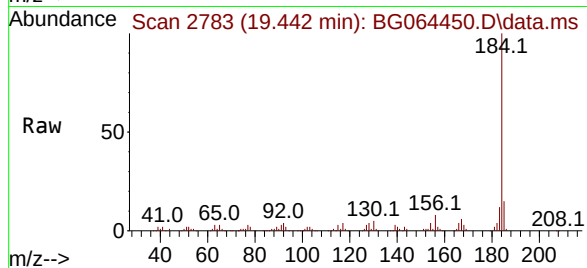
Tgt Ion:240 Resp: 139874
Ion Ratio Lower Upper
240 100
120 6.2 5.0 7.4
236 27.4 21.9 32.9





#77
Benzidine
Concen: 52.897 ng
RT: 19.442 min Scan# 2783
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

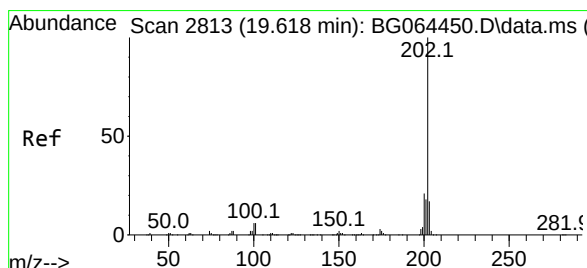
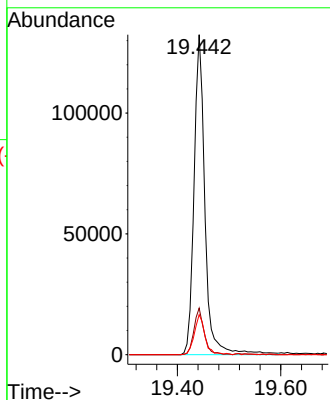
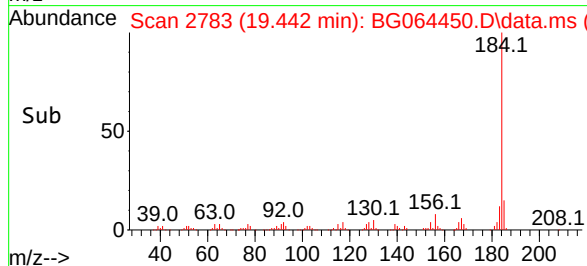
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 193720
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 12.5 10.0 15.0

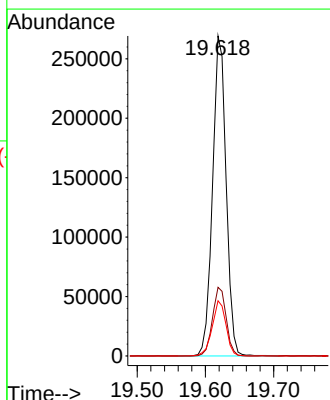
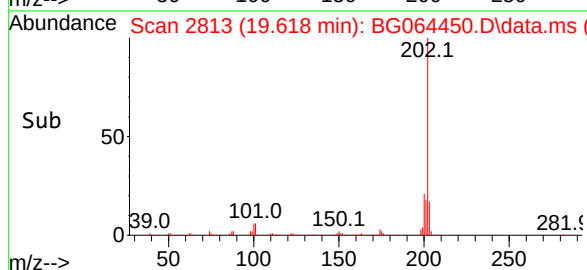
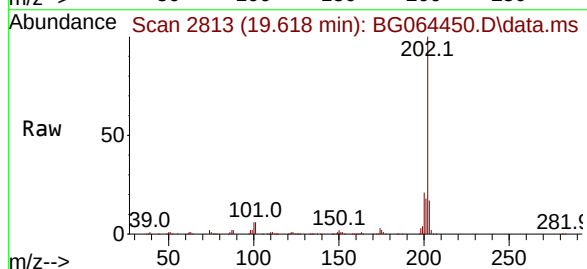
Manual Integrations
APPROVED

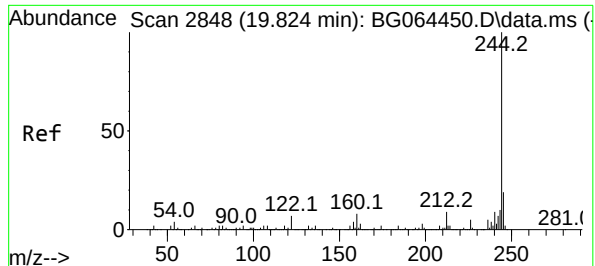
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 42.903 ng
RT: 19.618 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

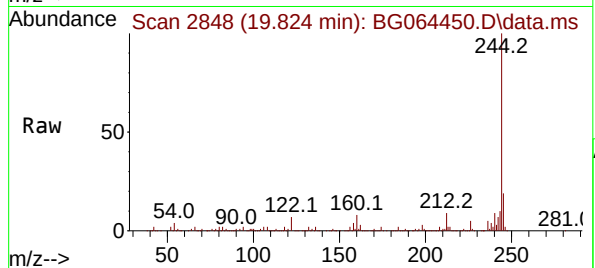
Tgt Ion:202 Resp: 372354
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.2 13.8 20.6





#79
Terphenyl-d14
Concen: 85.916 ng
RT: 19.824 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

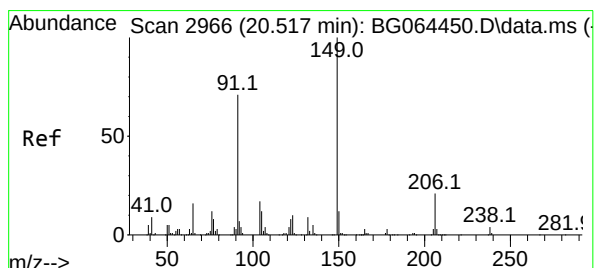
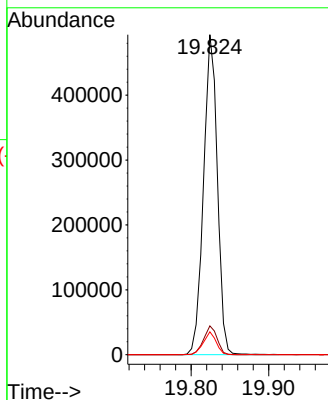
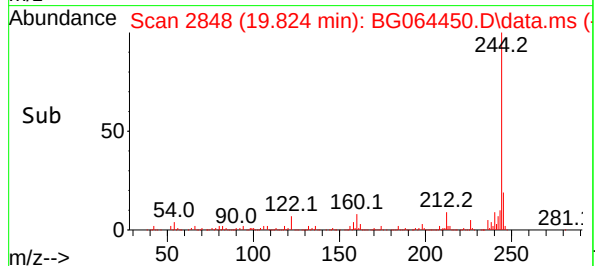
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



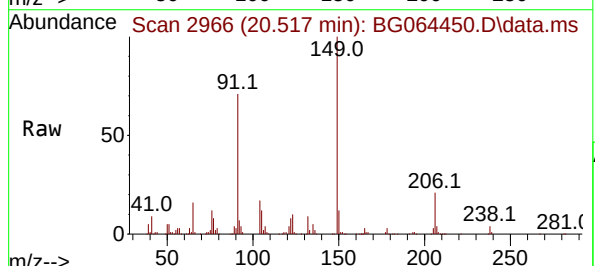
Tgt Ion:244 Resp: 609620
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 7.1 5.7 8.5

Manual Integrations
APPROVED

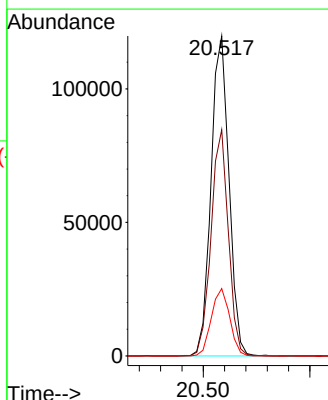
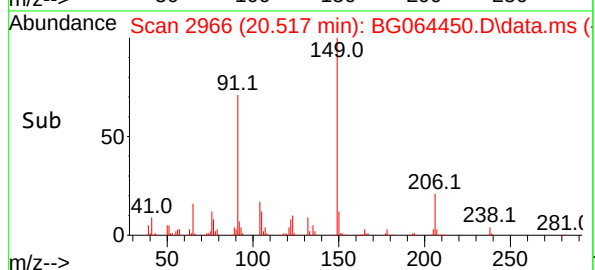
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

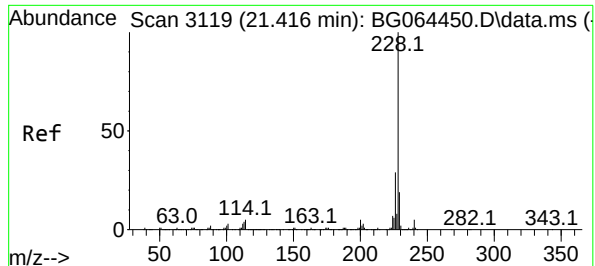


#80
Butylbenzylphthalate
Concen: 43.032 ng
RT: 20.517 min Scan# 2966
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45



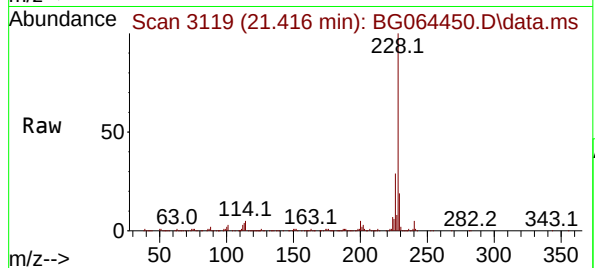
Tgt Ion:149 Resp: 139596
Ion Ratio Lower Upper
149 100
91 70.7 56.6 84.8
206 21.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.509 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

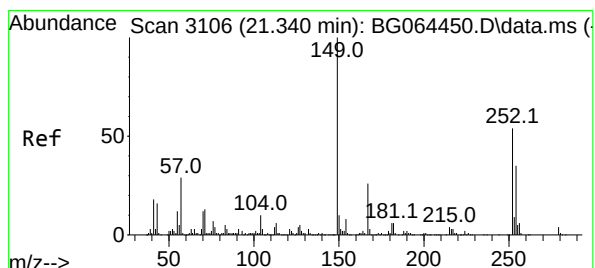
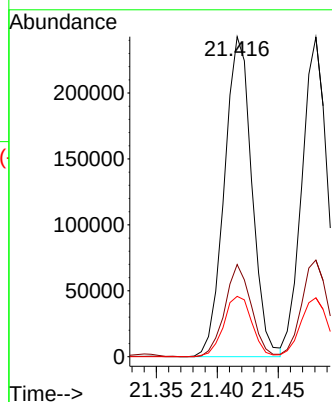
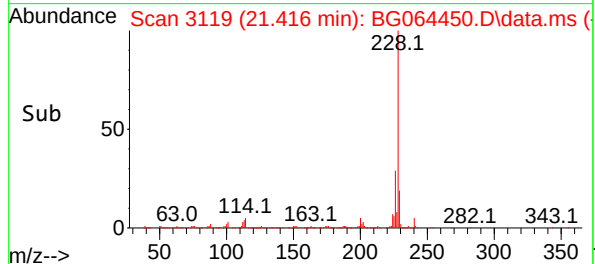
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 38070
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.6
229 18.9 15.1 22.7

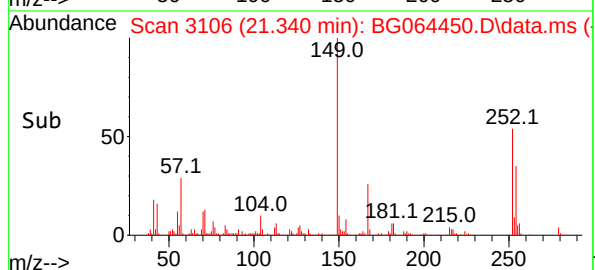
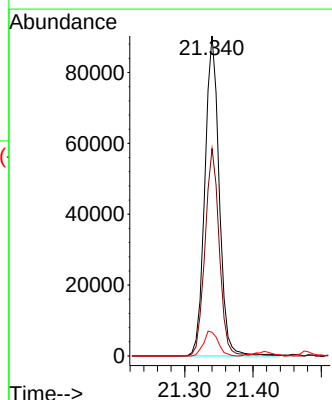
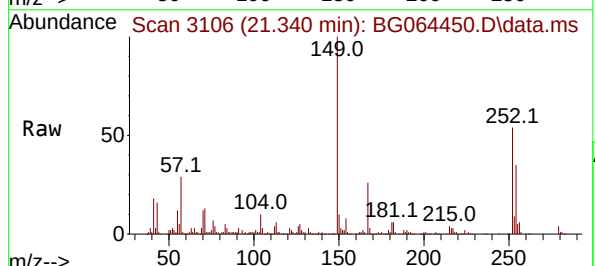
Manual Integrations
APPROVED

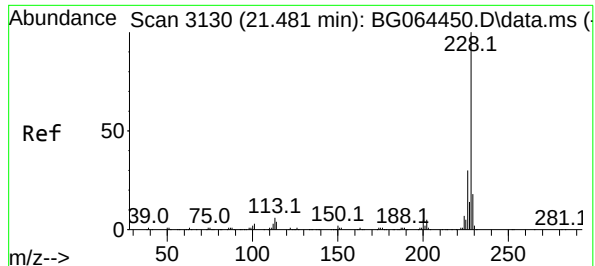
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.919 ng
RT: 21.340 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:252 Resp: 132191
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 7.4 5.9 8.9





#83

Chrysene

Concen: 41.565 ng

RT: 21.481 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

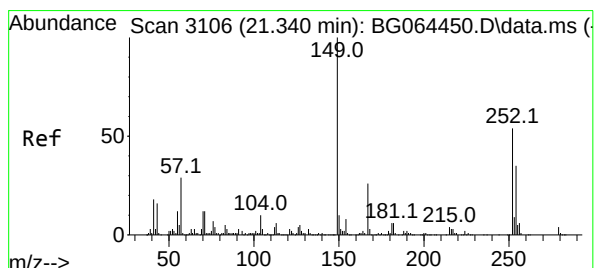
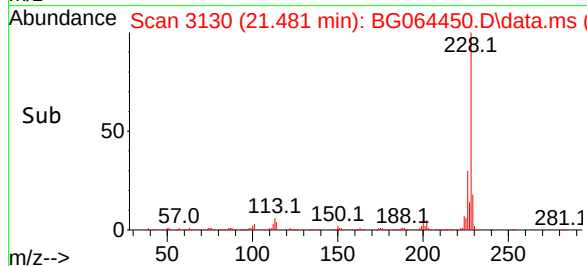
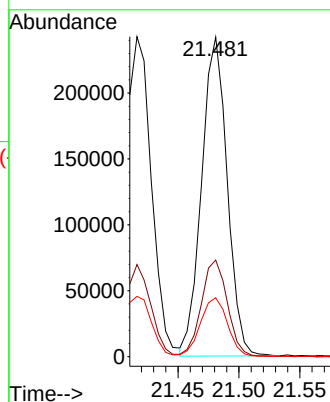
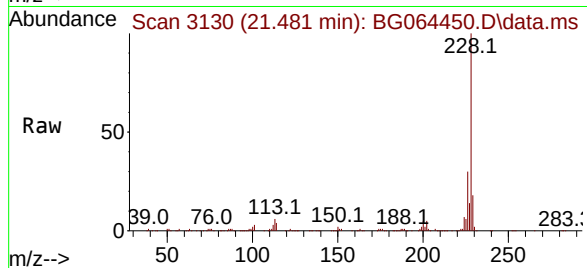
Tgt Ion:	228	Resp:	352530
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	18.4	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.657 ng

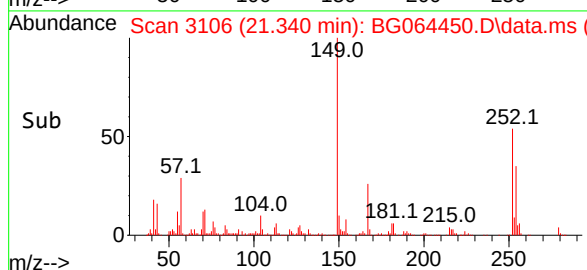
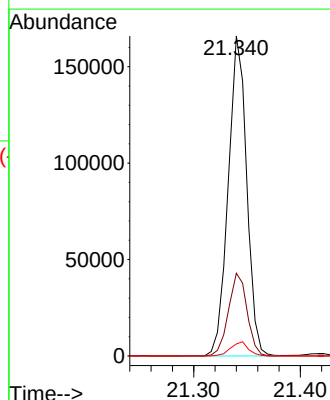
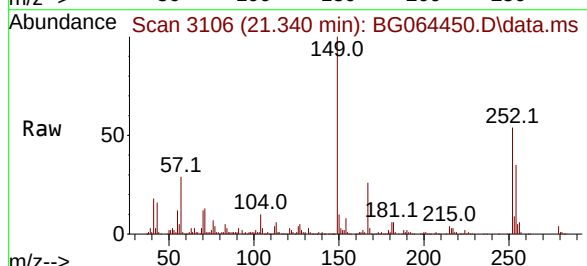
RT: 21.340 min Scan# 3106

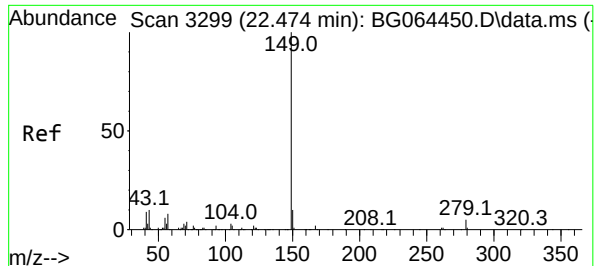
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

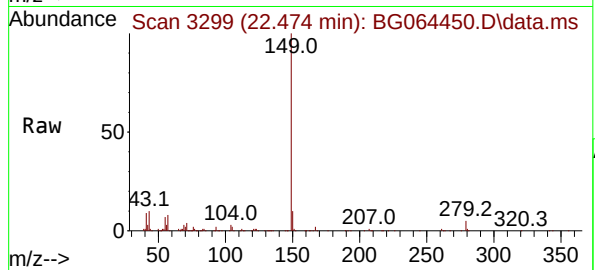
Tgt Ion:	149	Resp:	199336
Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.6	31.0
279	3.7	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 42.486 ng
RT: 22.474 min Scan# 3299
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

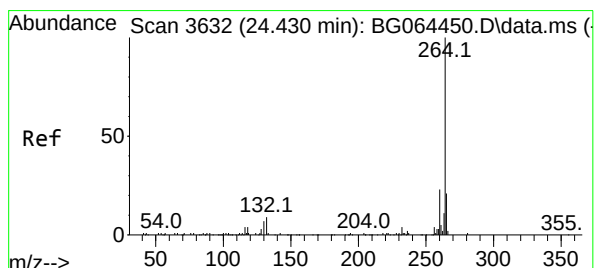
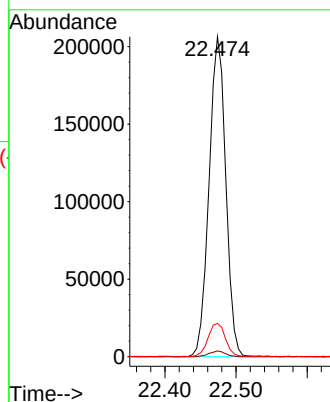
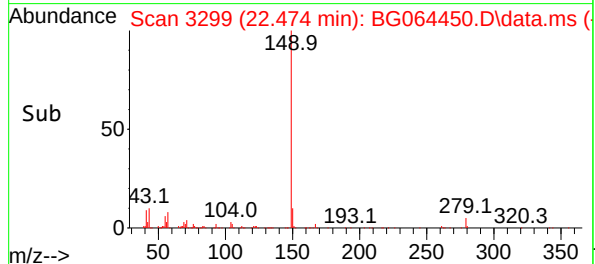
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 337492
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.8 13.2

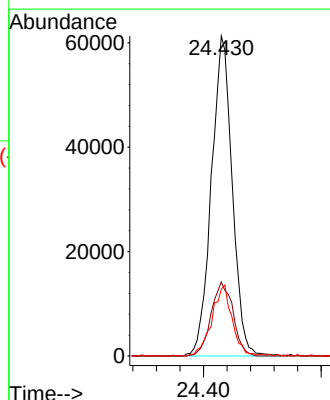
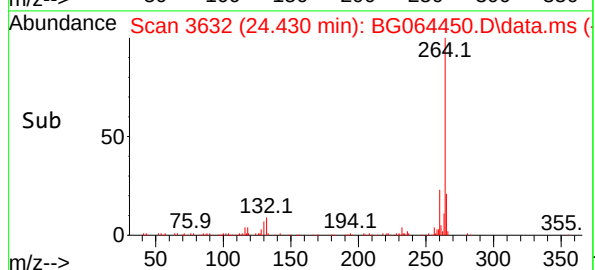
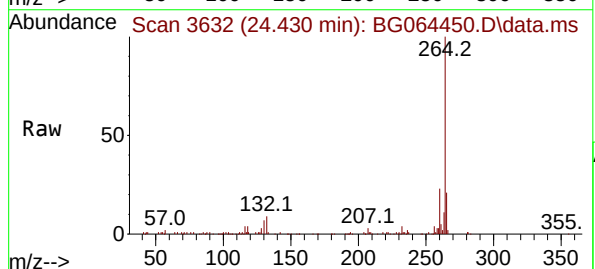
Manual Integrations
APPROVED

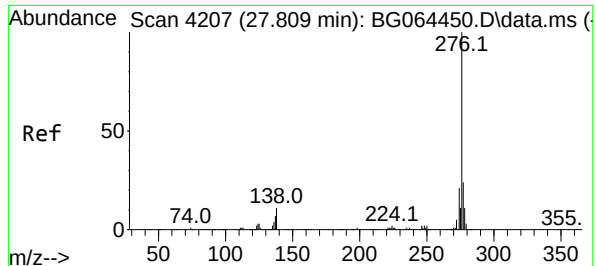
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

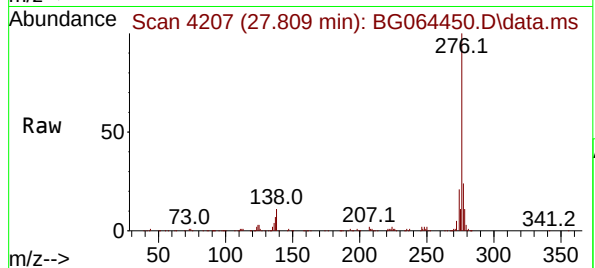
Tgt Ion:264 Resp: 150557
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.567 ng
RT: 27.809 min Scan# 4207
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

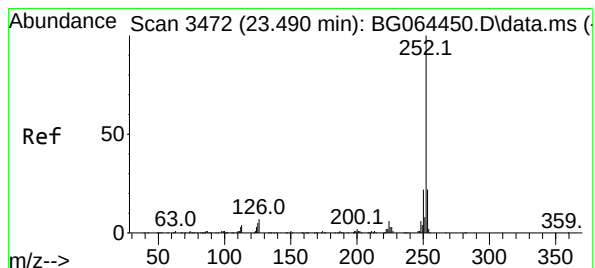
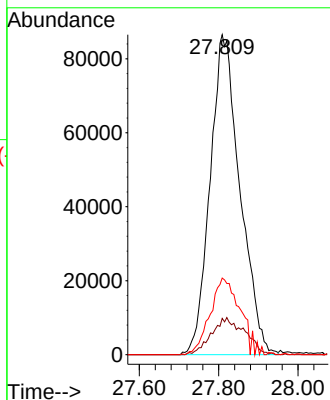
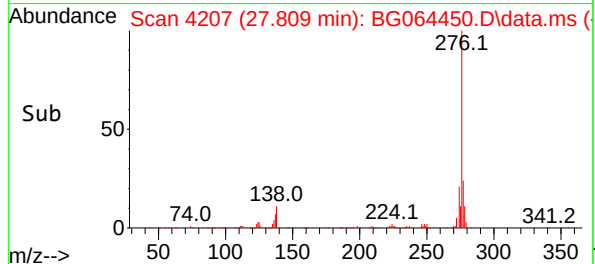
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 45294
Ion Ratio Lower Upper
276 100
138 12.9 10.3 15.5
277 24.0 19.2 28.8

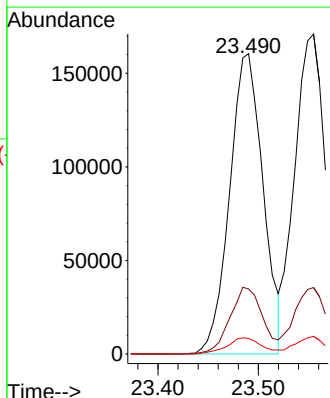
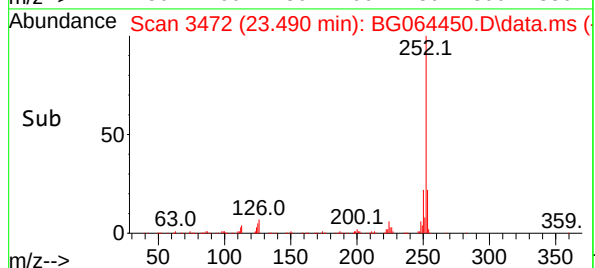
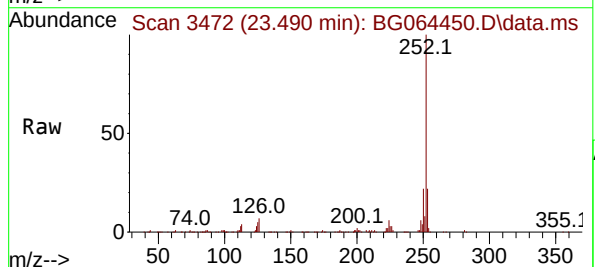
Manual Integrations
APPROVED

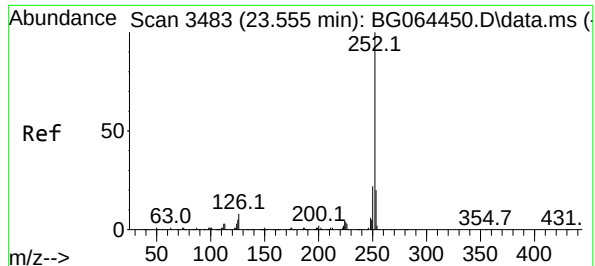
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 43.068 ng
RT: 23.490 min Scan# 3472
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 252 Resp: 371712
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 42.638 ng

RT: 23.555 min Scan# 3483

Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

Instrument :

BNA_G

ClientSampleId :

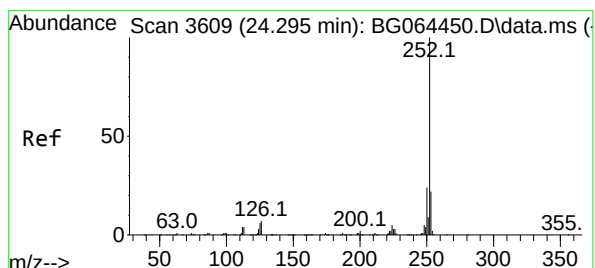
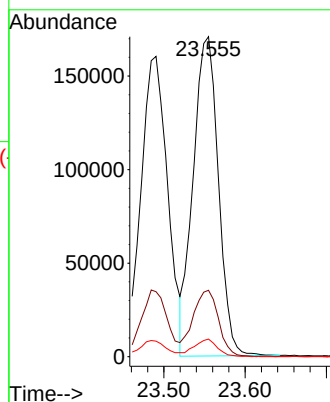
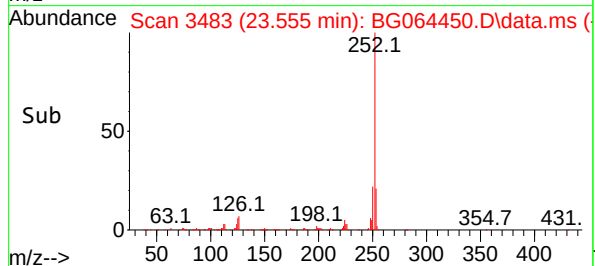
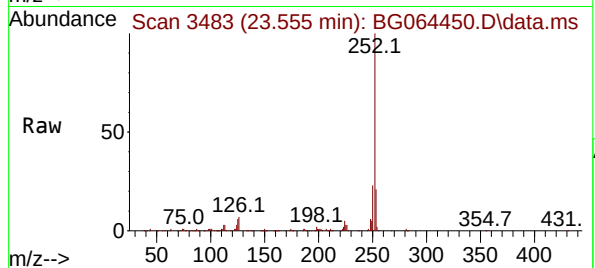
SSTDICCC040

Tgt Ion:252 Resp: 368350
Ion Ratio Lower Upper
252 100
253 20.7 16.6 24.8
125 5.5 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 42.749 ng

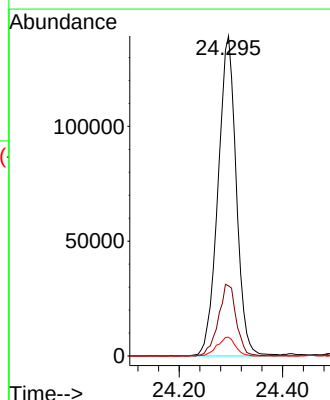
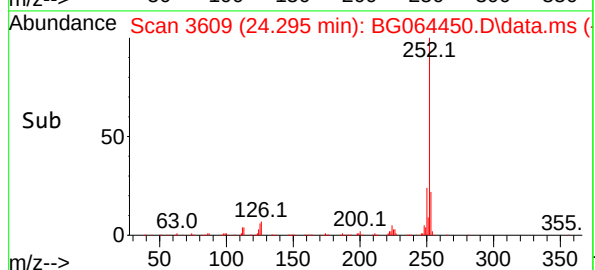
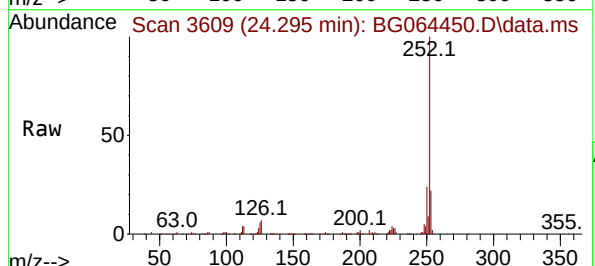
RT: 24.295 min Scan# 3609

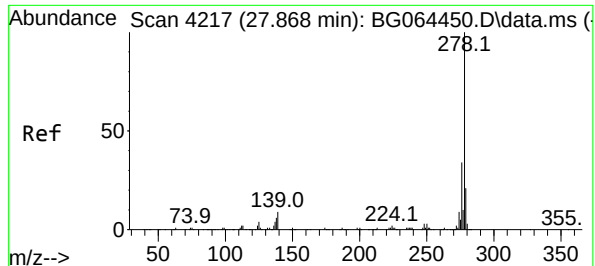
Delta R.T. 0.000 min

Lab File: BG064450.D

Acq: 25 Sep 2025 18:45

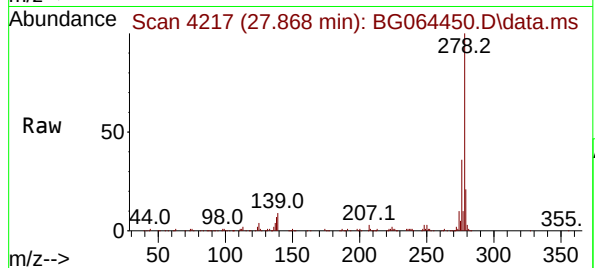
Tgt Ion:252 Resp: 341781
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.8 4.6 7.0





#91
Dibenzo(a,h)anthracene
Concen: 42.402 ng
RT: 27.868 min Scan# 4217
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

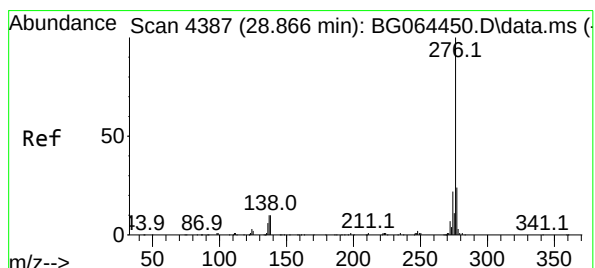
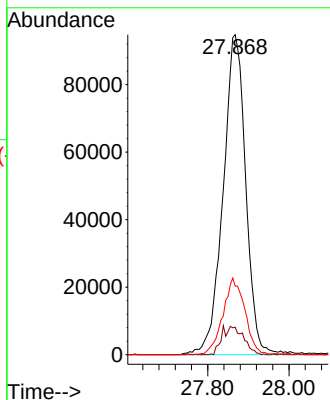
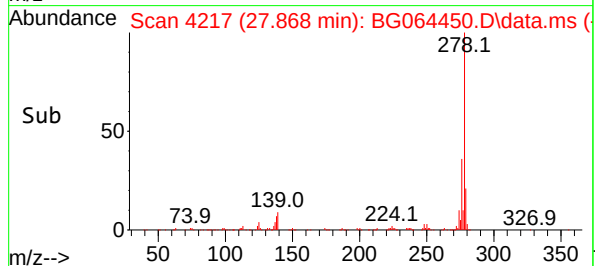
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 365777
Ion Ratio Lower Upper
278 100
139 8.6 6.9 10.3
279 21.5 17.2 25.8

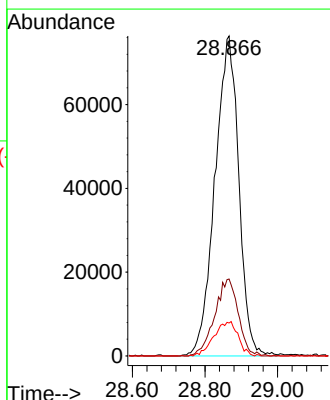
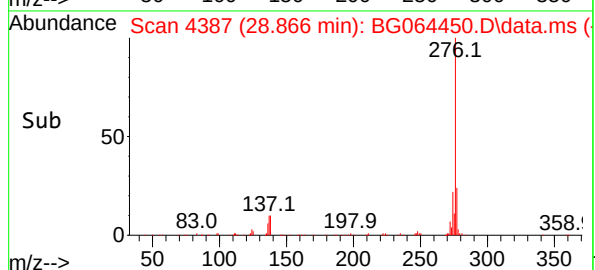
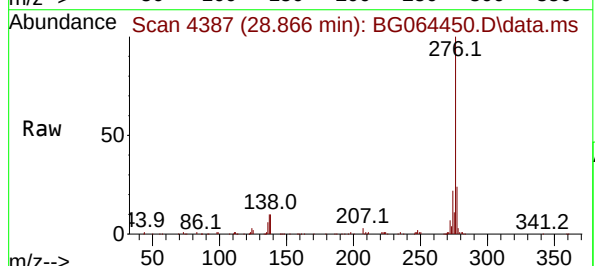
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 41.955 ng
RT: 28.866 min Scan# 4387
Delta R.T. 0.000 min
Lab File: BG064450.D
Acq: 25 Sep 2025 18:45

Tgt Ion:276 Resp: 347587
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 10.3 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064451.D
 Acq On : 25 Sep 2025 19:26
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:49:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 17:41:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	18105	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	82581	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	61030	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	137702	20.000	ng	# 0.00
76) Chrysene-d12	21.437	240	139879	20.000	ng	# 0.00
86) Perylene-d12	24.427	264	149806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	118647	125.230	ng	0.00
7) Phenol-d6	7.013	99	168846	130.084	ng	0.00
23) Nitrobenzene-d5	8.998	82	188446	123.670	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	124484	116.839	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	507488	122.789	ng	0.00
79) Terphenyl-d14	19.827	244	830114	116.986	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	24843	62.486	ng	98
3) Pyridine	3.734	79	64908	60.558	ng	99
4) n-Nitrosodimethylamine	3.646	42	53242	65.029	ng	# 96
6) Aniline	7.171	93	108028	64.272	ng	96
8) 2-Chlorophenol	7.406	128	76706	64.713	ng	97
9) Benzaldehyde	6.983	77	81478	73.748	ng	94
10) Phenol	7.042	94	89102	63.401	ng	97
11) bis(2-Chloroethyl)ether	7.265	93	57750	61.199	ng	99
12) 1,3-Dichlorobenzene	7.729	146	81402	61.268	ng	99
13) 1,4-Dichlorobenzene	7.876	146	82610	60.867	ng	89
14) 1,2-Dichlorobenzene	8.193	146	78892	61.339	ng	95
15) Benzyl Alcohol	8.082	79	78326	64.044	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.358	45	104782	63.682	ng	98
17) 2-Methylphenol	8.282	107	64676	63.703	ng	94
18) Hexachloroethane	8.916	117	32339	63.155	ng	96
19) n-Nitroso-di-n-propyla...	8.646	70	57628	65.686	ng	# 89
20) 3+4-Methylphenols	8.611	107	90641	63.511	ng	97
22) Acetophenone	8.658	105	124155	62.798	ng	# 98
24) Nitrobenzene	9.040	77	94622	63.615	ng	99
25) Isophorone	9.562	82	169867	60.248	ng	98
26) 2-Nitrophenol	9.745	139	45287	61.854	ng	95
27) 2,4-Dimethylphenol	9.809	122	72964	61.788	ng	97
28) bis(2-Chloroethoxy)met...	10.044	93	87229	59.886	ng	98
29) 2,4-Dichlorophenol	10.279	162	81878	60.245	ng	95
30) 1,2,4-Trichlorobenzene	10.491	180	87785	60.386	ng	99
31) Naphthalene	10.679	128	260068	60.323	ng	97
32) Benzoic acid	9.986	122	57485m	65.797	ng	
33) 4-Chloroaniline	10.785	127	97771	61.995	ng	100
34) Hexachlorobutadiene	10.967	225	74664	60.297	ng	98
35) Caprolactam	11.572	113	25963	57.897	ng	90
36) 4-Chloro-3-methylphenol	11.919	107	99241	61.605	ng	99
37) 2-Methylnaphthalene	12.289	142	196900	60.484	ng	98
38) 1-Methylnaphthalene	12.506	142	190996	59.711	ng	93
40) 1,2,4,5-Tetrachloroben...	12.659	216	119975	61.683	ng	99
41) Hexachlorocyclopentadiene	12.641	237	68031	65.859	ng	98
43) 2,4,6-Trichlorophenol	12.900	196	79271	62.481	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064451.D
 Acq On : 25 Sep 2025 19:26
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:49:00 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 17:41:35 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.976	196	85025	60.451	ng	98
46) 1,1'-Biphenyl	13.299	154	270497	62.306	ng	99
47) 2-Chloronaphthalene	13.340	162	206267	62.512	ng	97
48) 2-Nitroaniline	13.546	65	71221	62.802	ng	96
49) Acenaphthylene	14.186	152	298508	60.937	ng	100
50) Dimethylphthalate	13.922	163	276155	59.231	ng	99
51) 2,6-Dinitrotoluene	14.045	165	59718	60.980	ng	# 87
52) Acenaphthene	14.533	154	203572	60.725	ng	97
53) 3-Nitroaniline	14.374	138	54428	58.654	ng	89
54) 2,4-Dinitrophenol	14.580	184	37663	57.910	ng	99
55) Dibenzofuran	14.868	168	337131	60.654	ng	99
56) 4-Nitrophenol	14.686	139	42817	57.004	ng	90
57) 2,4-Dinitrotoluene	14.833	165	89168	59.644	ng	# 100
58) Fluorene	15.514	166	275367	60.014	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.097	232	85221	61.735	ng	# 99
60) Diethylphthalate	15.291	149	283929	56.518	ng	99
61) 4-Chlorophenyl-phenyle...	15.508	204	150520	60.074	ng	93
62) 4-Nitroaniline	15.538	138	56253	56.535	ng	95
63) Azobenzene	15.802	77	233659	59.439	ng	98
65) 4,6-Dinitro-2-methylph...	15.597	198	58442	61.957	ng	91
66) n-Nitrosodiphenylamine	15.726	169	230825	62.818	ng	96
67) 4-Bromophenyl-phenylether	16.402	248	102880	63.763	ng	97
68) Hexachlorobenzene	16.519	284	114031	62.102	ng	99
69) Atrazine	16.672	200	88612	53.079	ng	98
70) Pentachlorophenol	16.860	266	67553	60.961	ng	99
71) Phenanthrene	17.248	178	426372	59.571	ng	98
72) Anthracene	17.342	178	438235	60.127	ng	99
73) Carbazole	17.612	167	355970	55.672	ng	98
74) Di-n-butylphthalate	18.176	149	419540	53.640	ng	99
75) Fluoranthene	19.263	202	484861	53.646	ng	99
77) Benzidine	19.445	184	280443	76.574	ng	97
78) Pyrene	19.621	202	505545	58.247	ng	100
80) Butylbenzylphthalate	20.514	149	195778	60.349	ng	100
81) Benzo(a)anthracene	21.419	228	541897	60.505	ng	98
82) 3,3'-Dichlorobenzidine	21.343	252	187985	61.031	ng	100
83) Chrysene	21.484	228	502350	59.226	ng	98
84) Bis(2-ethylhexyl)phtha...	21.343	149	284715	60.925	ng	97
85) Di-n-octyl phthalate	22.477	149	480781	60.523	ng	99
87) Indeno(1,2,3-cd)pyrene	27.818	276	643978	60.823	ng	97
88) Benzo(b)fluoranthene	23.493	252	538468	62.702	ng	99
89) Benzo(k)fluoranthene	23.558	252	524296	60.993	ng	97
90) Benzo(a)pyrene	24.298	252	489632	61.549	ng	99
91) Dibenzo(a,h)anthracene	27.870	278	522034	60.820	ng	96
92) Benzo(g,h,i)perylene	28.875	276	504069	61.149	ng	98

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

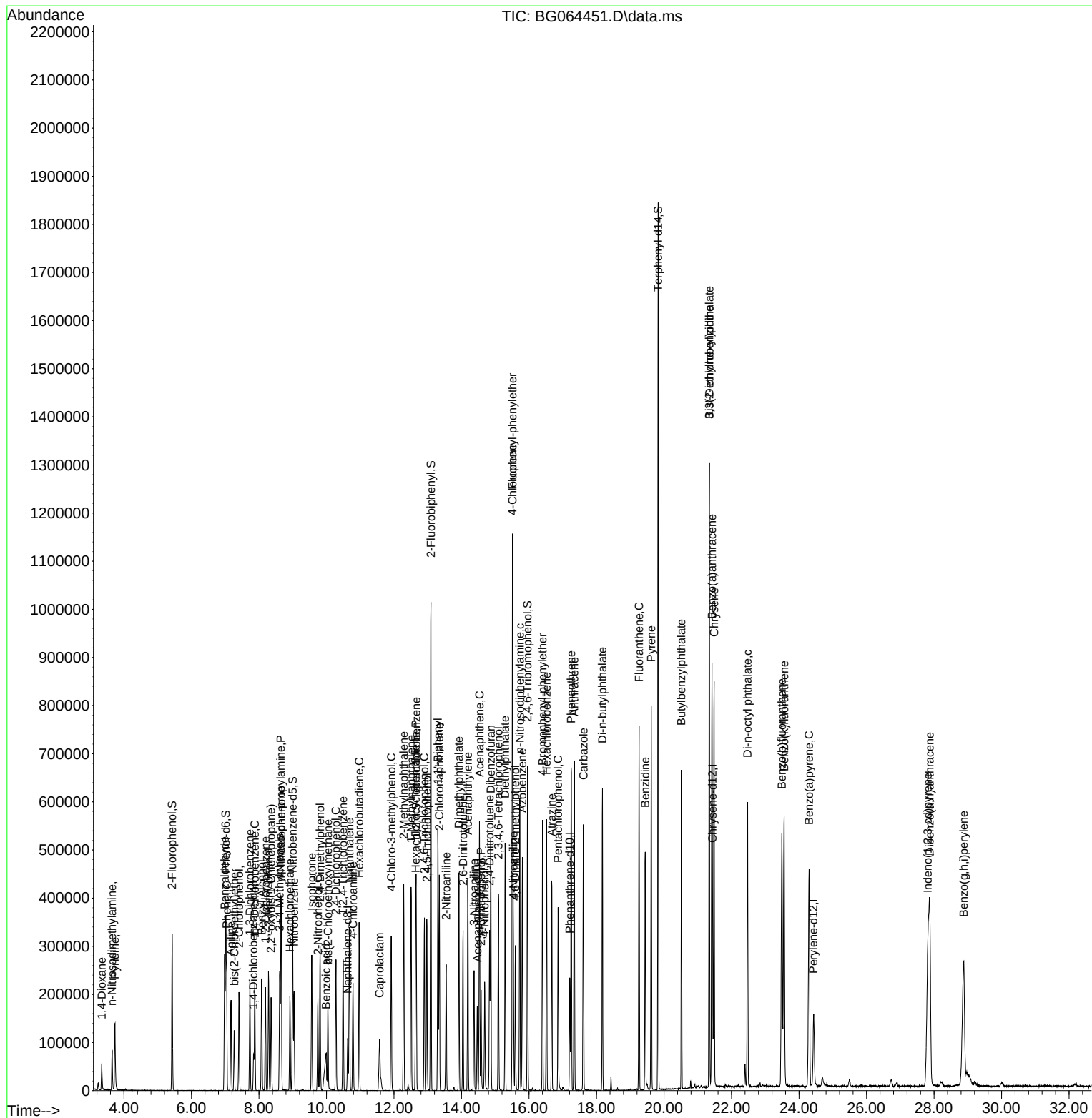
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Acq On    : 25 Sep 2025  19:26  
Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
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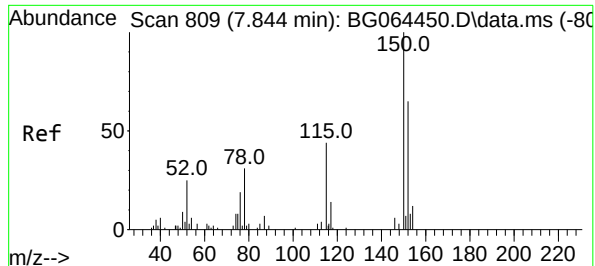
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

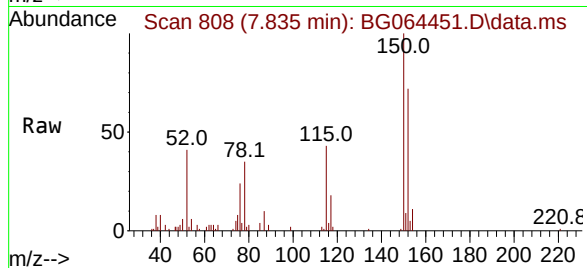
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

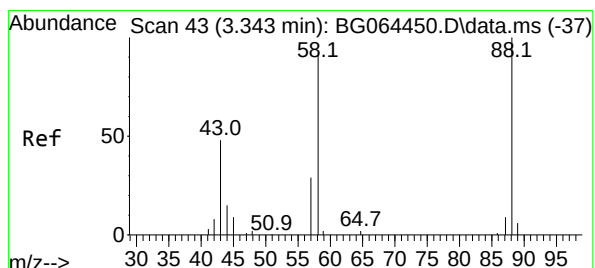
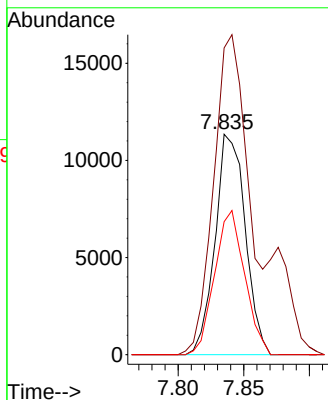
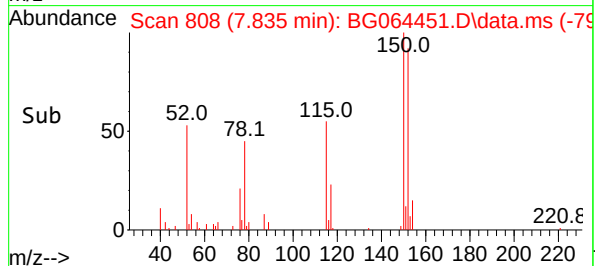
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 1810
Ion Ratio Lower Upper
152 100
150 139.1 122.9 184.3
115 60.3 54.3 81.5

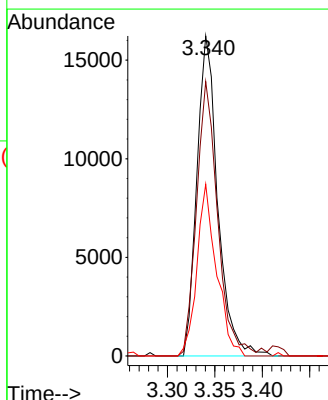
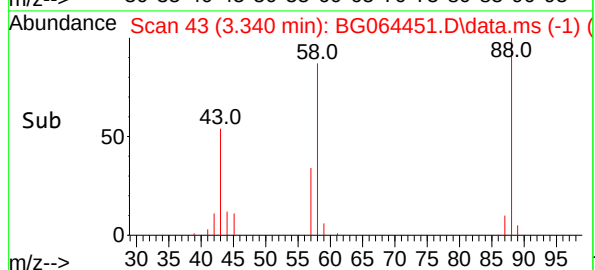
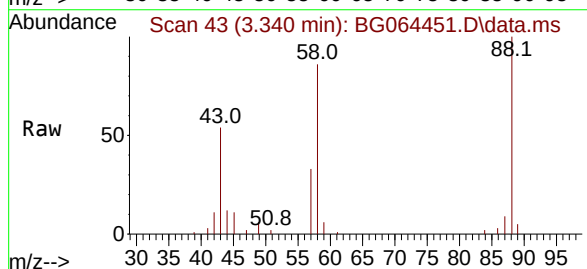
Manual Integrations
APPROVED

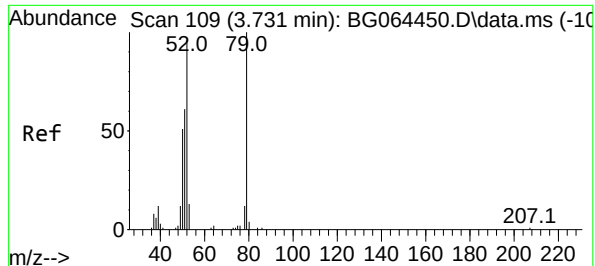
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 62.486 ng
RT: 3.340 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

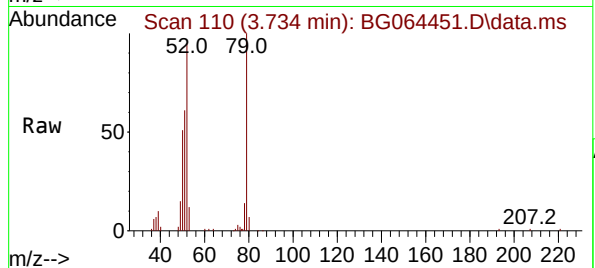
Tgt Ion: 88 Resp: 24843
Ion Ratio Lower Upper
88 100
58 86.8 67.9 101.9
43 50.4 39.4 59.2





#3
Pyridine
Concen: 60.558 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

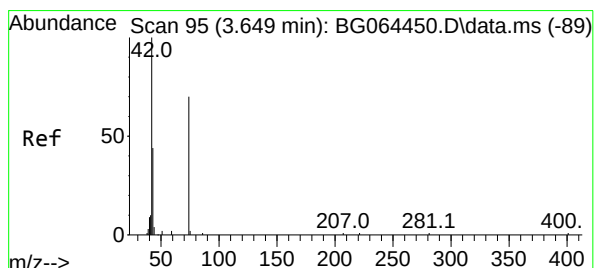
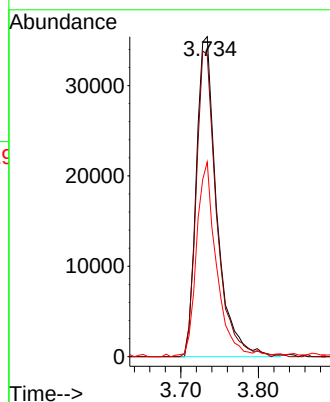
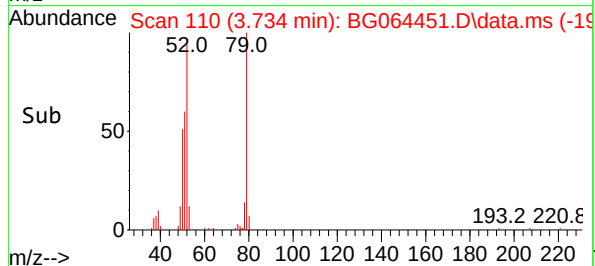
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 64908
Ion Ratio Lower Upper
79 100
52 94.5 76.6 114.8
51 60.8 49.3 73.9

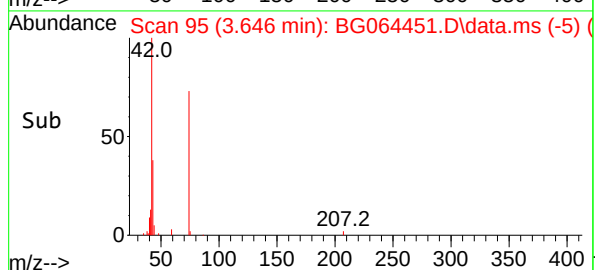
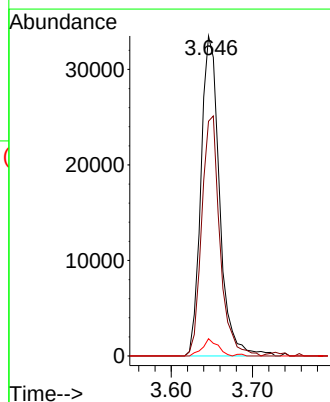
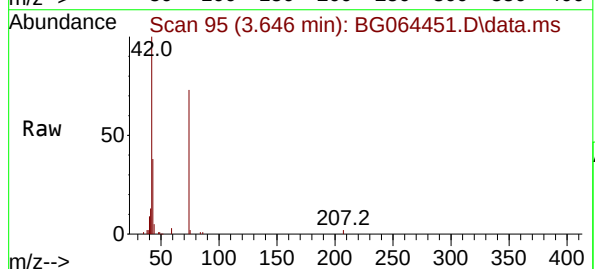
Manual Integrations
APPROVED

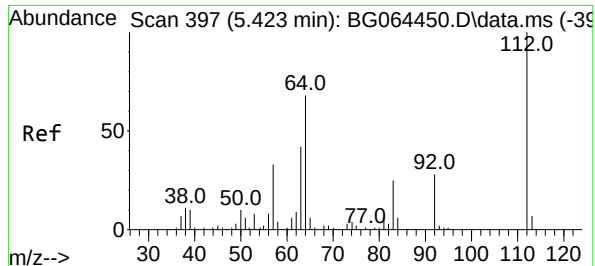
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 65.029 ng
RT: 3.646 min Scan# 95
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion: 42 Resp: 53242
Ion Ratio Lower Upper
42 100
74 73.3 56.1 84.1
44 5.4 3.1 4.7#





#5

2-Fluorophenol

Concen: 125.230 ng

RT: 5.426 min Scan# 397

Delta R.T. 0.003 min

Lab File: BG064451.D

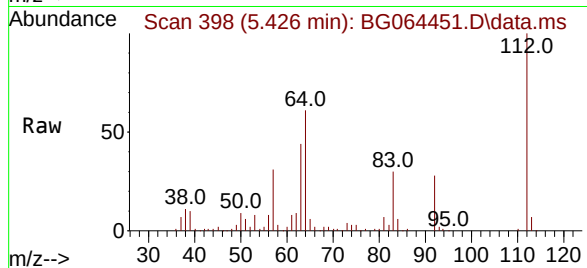
Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



Tgt Ion: 112 Resp: 11864

Ion Ratio Lower Upper

112 100

64 61.2 54.0 81.0

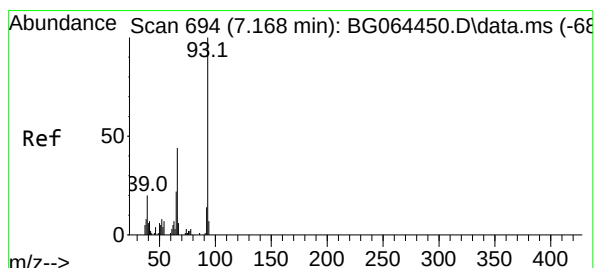
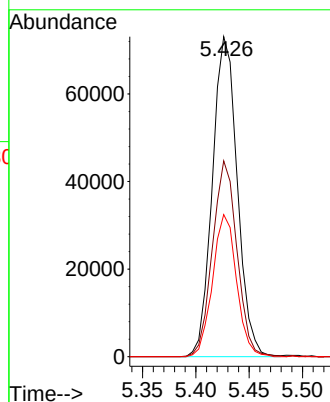
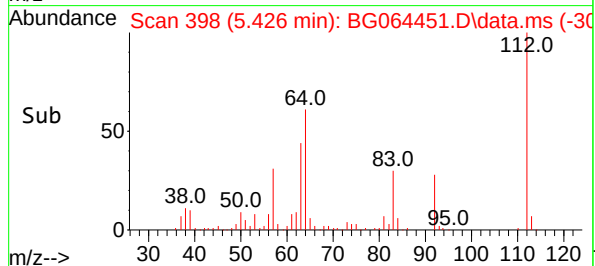
63 44.4 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#6

Aniline

Concen: 64.272 ng

RT: 7.171 min Scan# 695

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

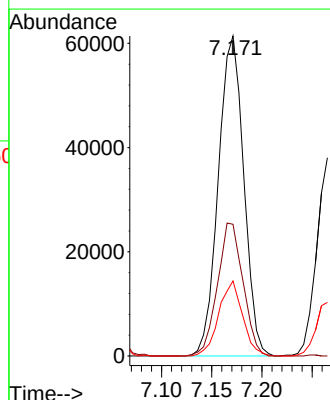
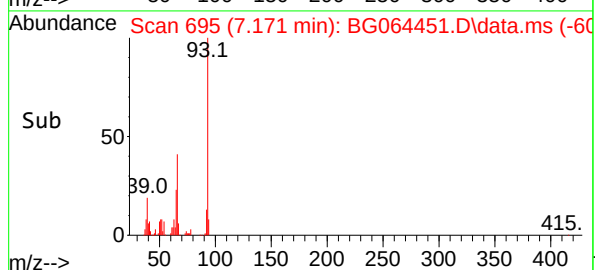
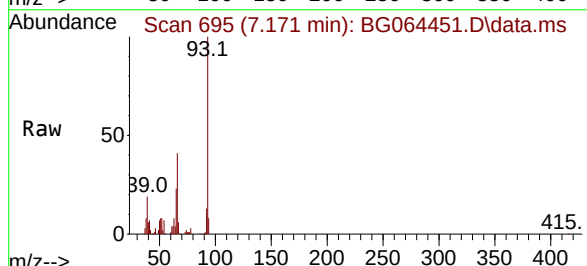
Tgt Ion: 93 Resp: 108028

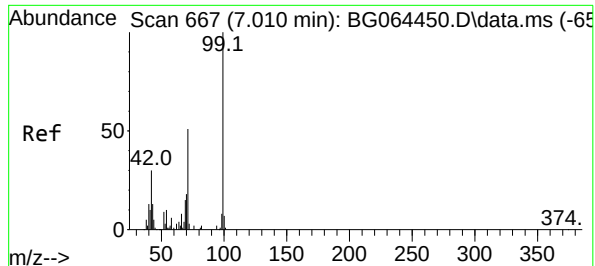
Ion Ratio Lower Upper

93 100

66 41.1 34.9 52.3

65 23.5 17.3 25.9





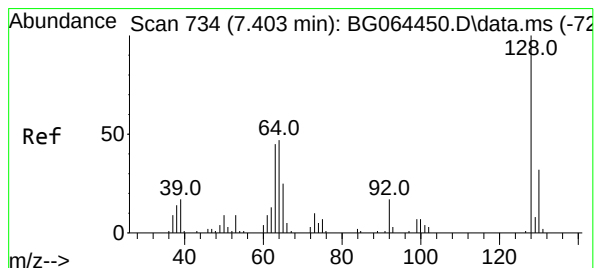
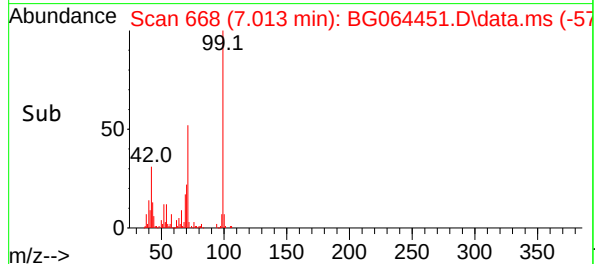
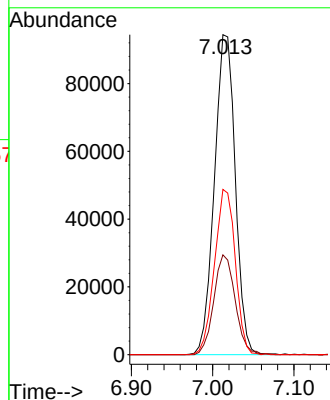
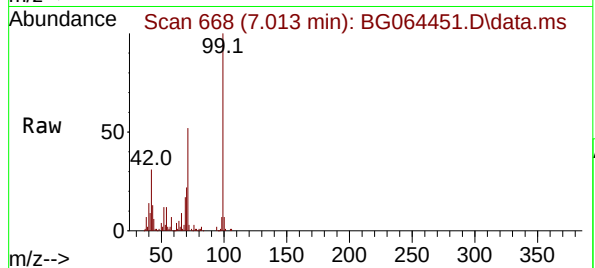
#7
Phenol-d6
Concen: 130.084 ng
RT: 7.013 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 168840
Ion Ratio Lower Upper
99 100
42 31.2 24.0 36.0
71 51.7 40.5 60.7

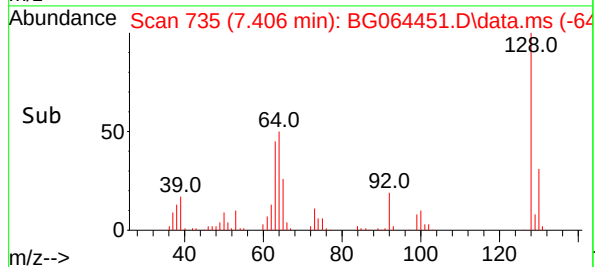
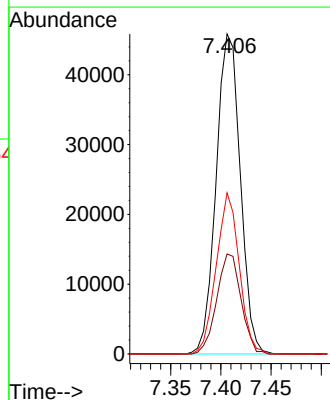
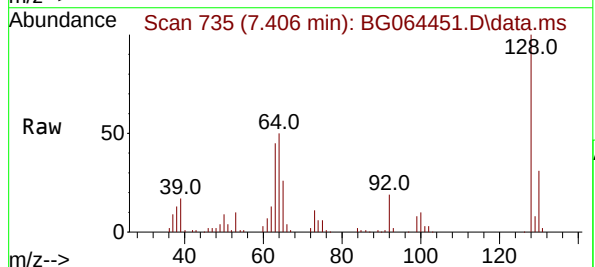
Manual Integrations
APPROVED

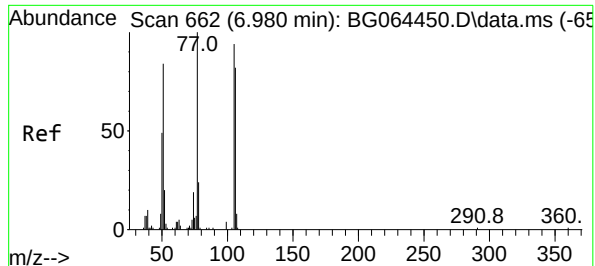
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 64.713 ng
RT: 7.406 min Scan# 735
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

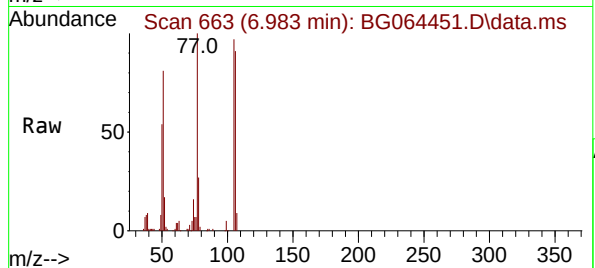
Tgt Ion:128 Resp: 76706
Ion Ratio Lower Upper
128 100
130 31.3 11.8 51.8
64 50.3 27.0 67.0





#9
Benzaldehyde
Concen: 73.748 ng
RT: 6.983 min Scan# 662
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

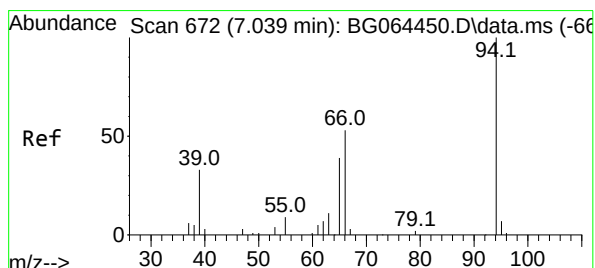
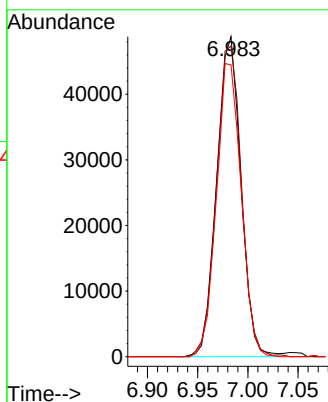
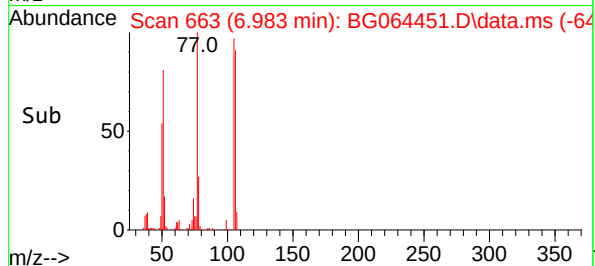
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 81478
Ion Ratio Lower Upper
77 100
105 97.0 74.0 114.0
106 91.2 62.5 102.5

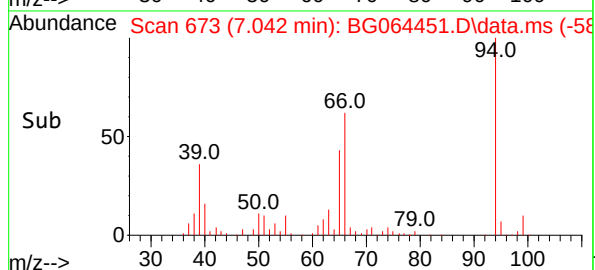
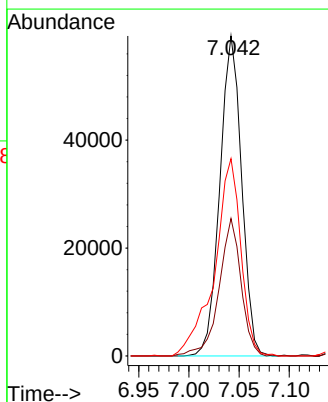
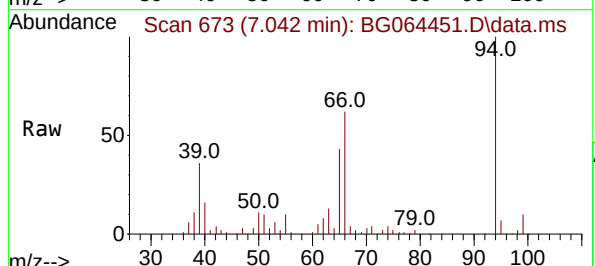
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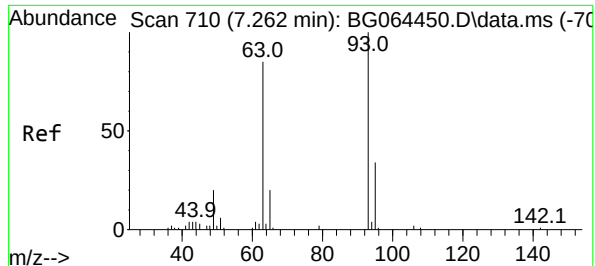
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 63.401 ng
RT: 7.042 min Scan# 673
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion: 94 Resp: 89102
Ion Ratio Lower Upper
94 100
65 42.9 21.1 61.1
66 61.6 39.7 79.7





#11

bis(2-Chloroethyl)ether

Concen: 61.199 ng

RT: 7.265 min Scan# 710

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 57750

Ion Ratio Lower Upper

93 100

63 84.3 65.3 105.3

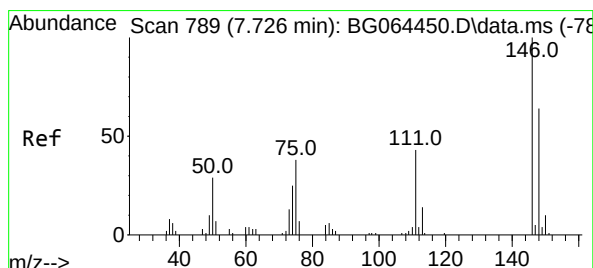
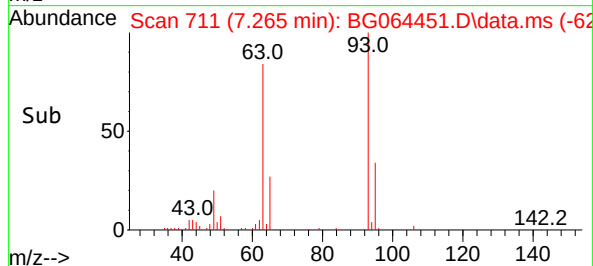
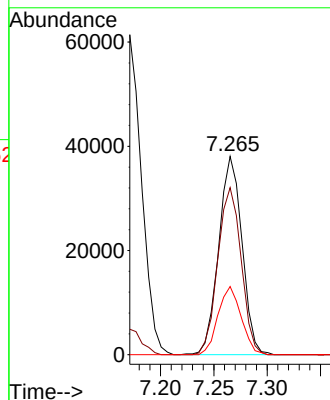
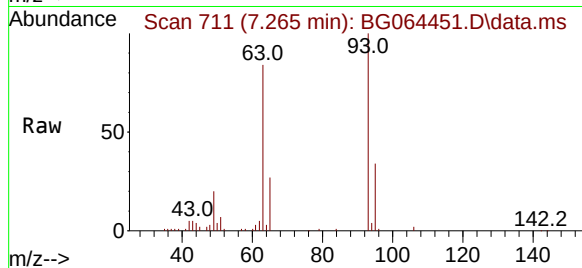
95 34.4 13.7 53.7

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#12

1,3-Dichlorobenzene

Concen: 61.268 ng

RT: 7.729 min Scan# 790

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

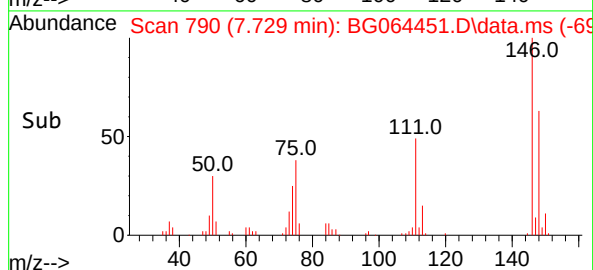
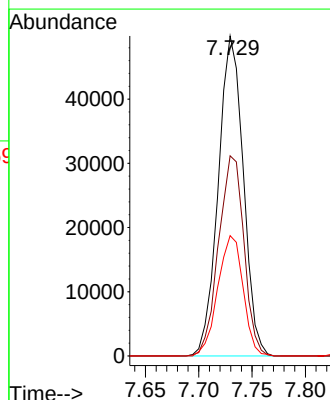
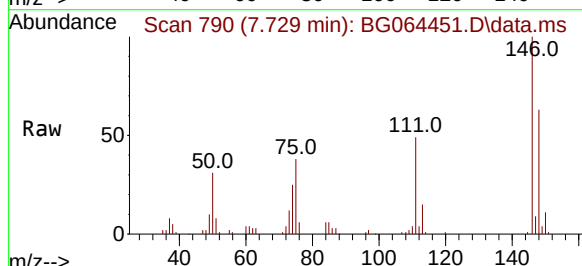
Tgt Ion:146 Resp: 81402

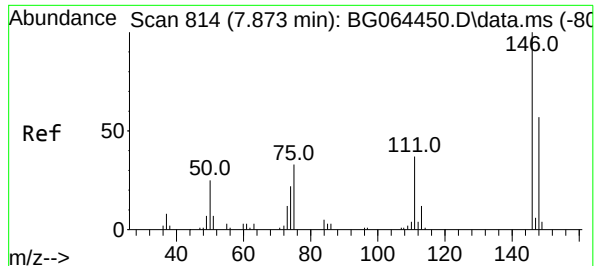
Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.4

75 37.6 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 60.867 ng

RT: 7.876 min Scan# 814

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 82610

Ion Ratio Lower Upper

146 100

148 64.2 45.3 67.9

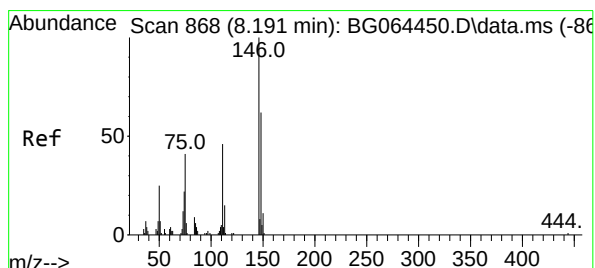
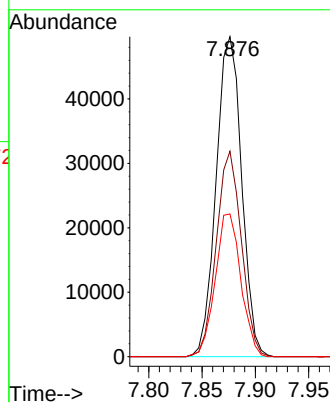
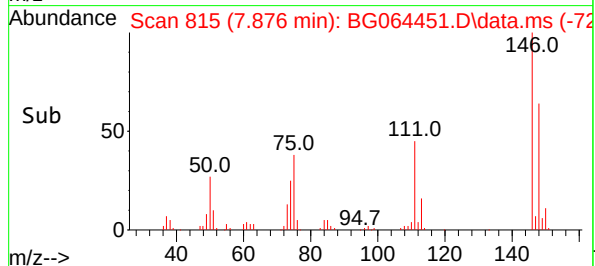
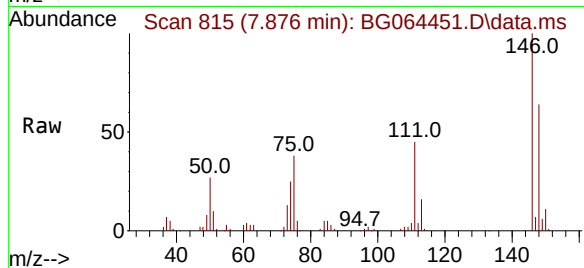
111 44.6 30.3 45.5

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 61.339 ng

RT: 8.193 min Scan# 869

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

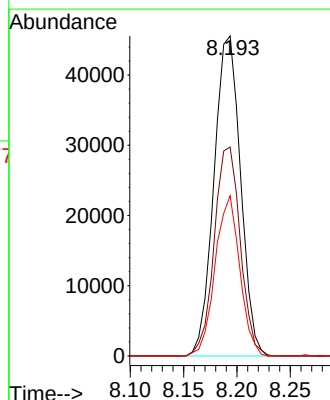
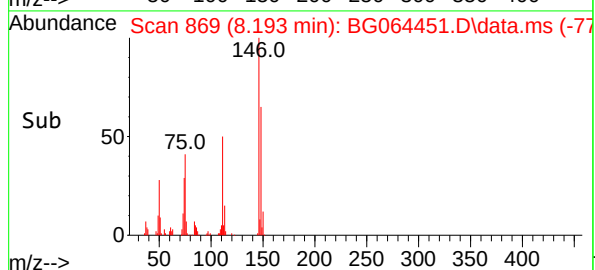
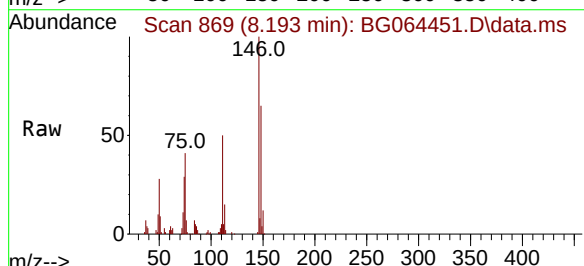
Tgt Ion:146 Resp: 78892

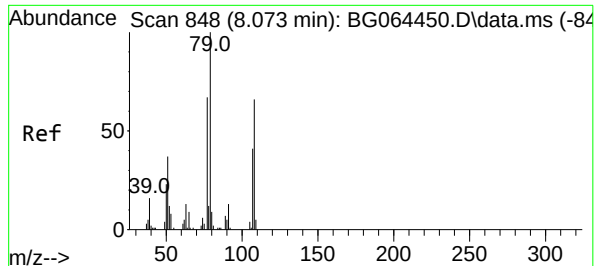
Ion Ratio Lower Upper

146 100

148 65.3 49.9 74.9

111 50.1 36.6 54.8





#15

Benzyl Alcohol

Concen: 64.044 ng

RT: 8.082 min Scan# 848

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

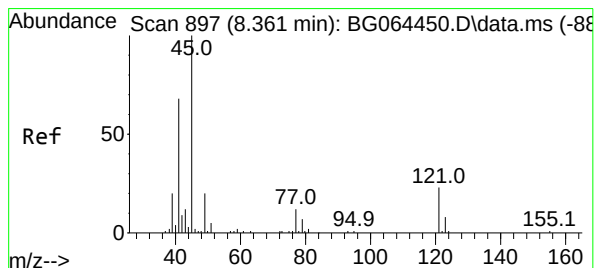
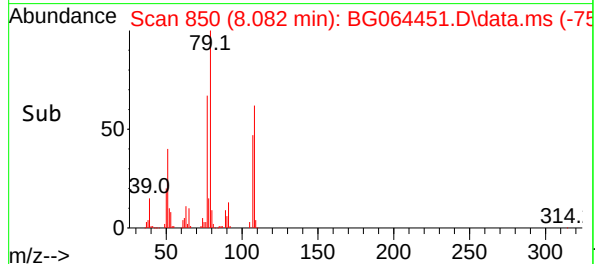
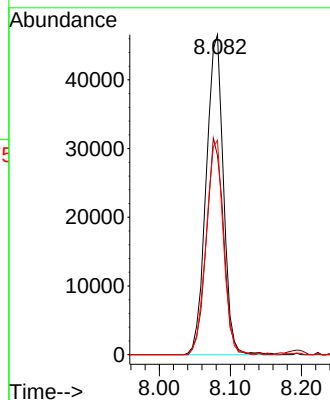
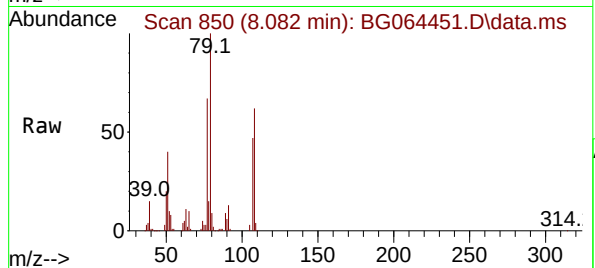
Tgt Ion:	79	Resp:	78320
Ion	Ratio	Lower	Upper
79	100		
108	62.2	53.0	79.6
77	67.0	53.6	80.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.682 ng

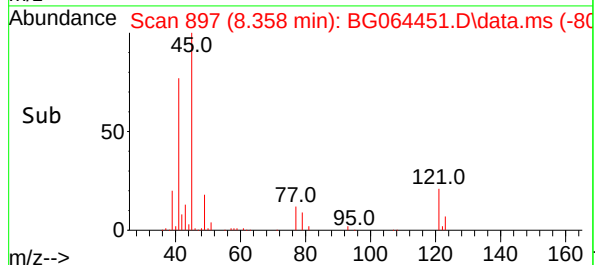
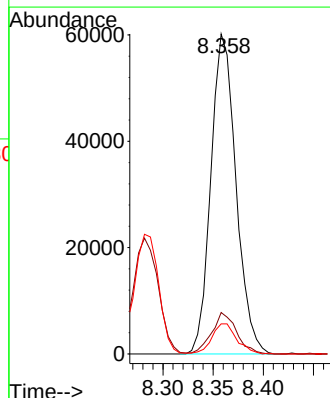
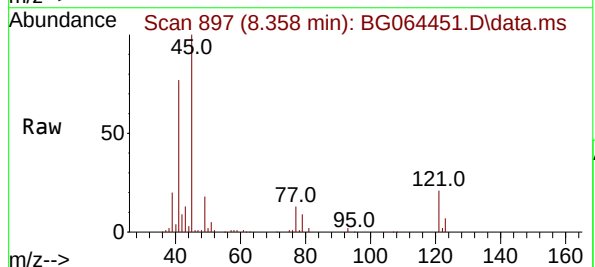
RT: 8.358 min Scan# 897

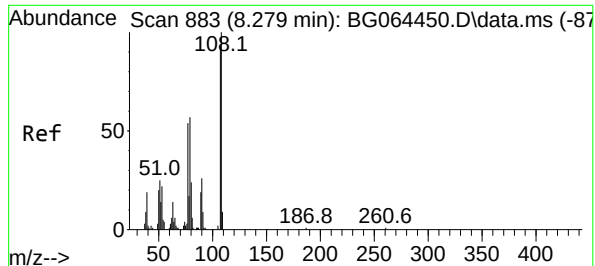
Delta R.T. -0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

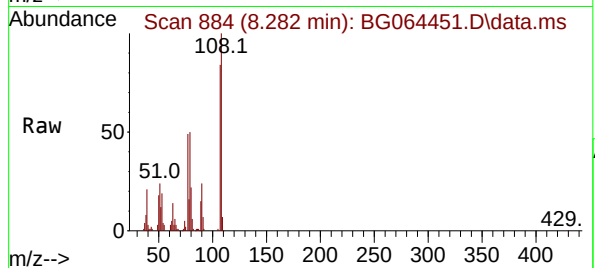
Tgt Ion:	45	Resp:	104782
Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.8
79	9.4	0.0	28.0





#17
2-Methylphenol
Concen: 63.703 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

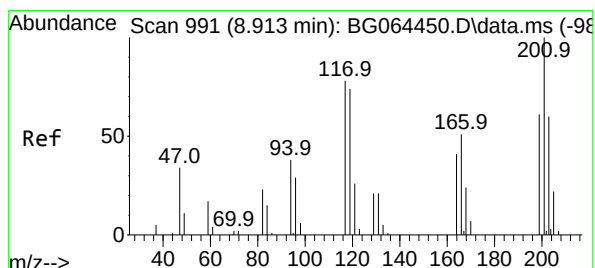
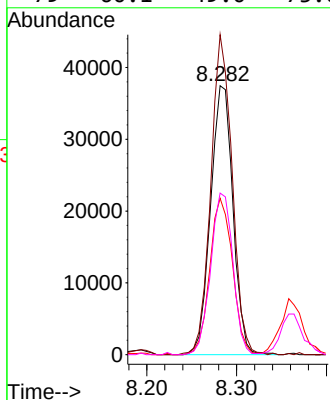
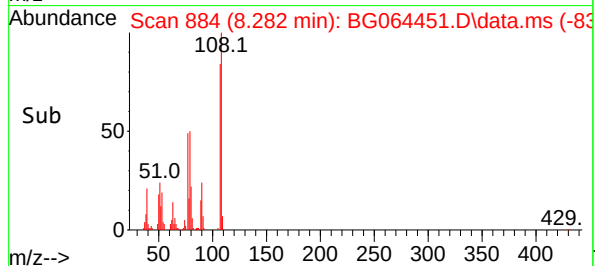
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 64670
Ion Ratio Lower Upper
107 100
108 119.0 86.2 129.2
77 58.1 46.7 70.1
79 60.1 49.0 73.6

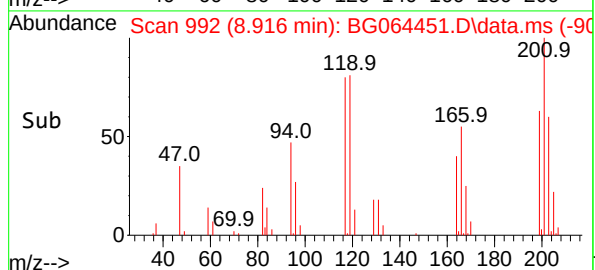
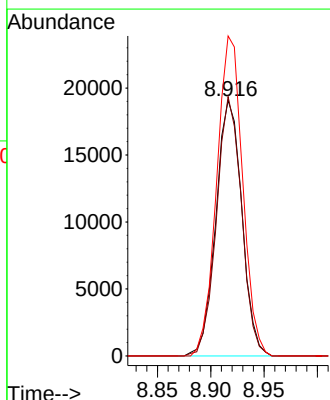
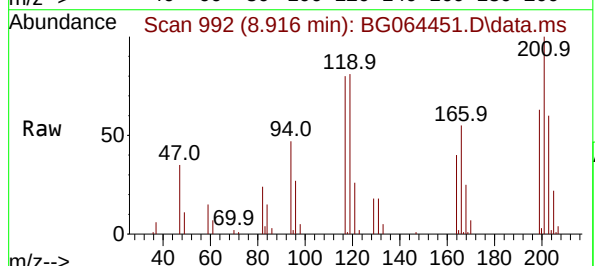
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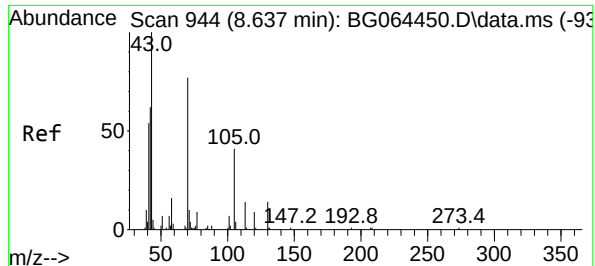
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#18
Hexachloroethane
Concen: 63.155 ng
RT: 8.916 min Scan# 992
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:117 Resp: 32339
Ion Ratio Lower Upper
117 100
119 101.5 76.6 115.0
201 125.3 103.0 154.6





#19

n-Nitroso-di-n-propylamine

Concen: 65.686 ng

RT: 8.646 min Scan# 94

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 57628

Ion Ratio Lower Upper

70 100

42 92.4 65.6 98.4

101 10.1 7.7 11.5

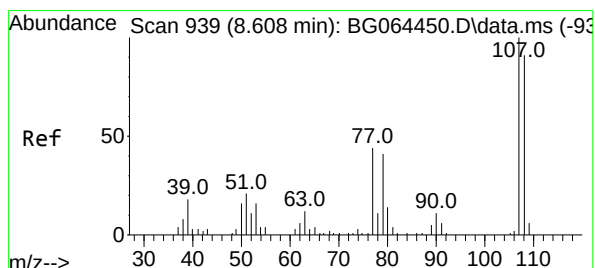
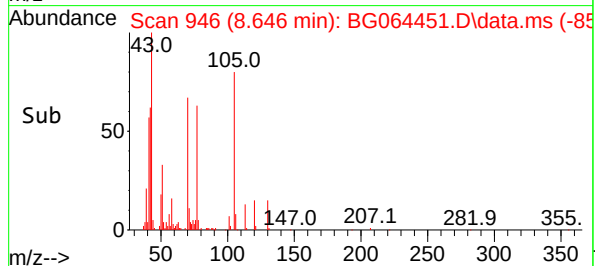
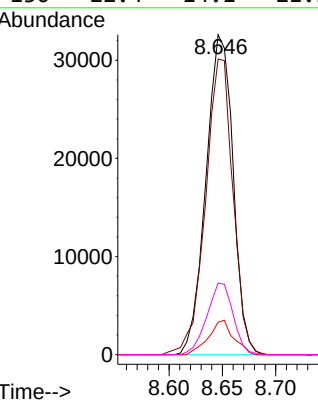
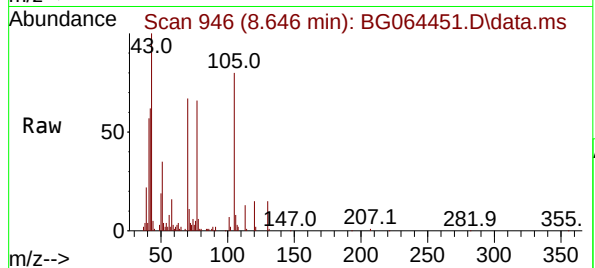
130 22.4 14.1 21.1#

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 63.511 ng

RT: 8.611 min Scan# 940

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Tgt Ion:107 Resp: 90641

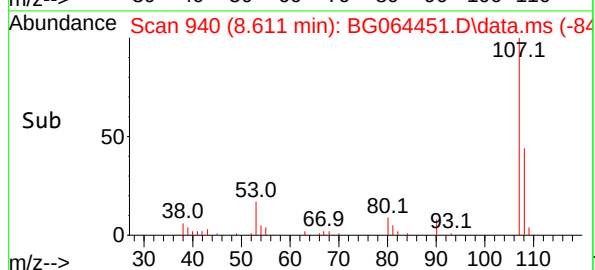
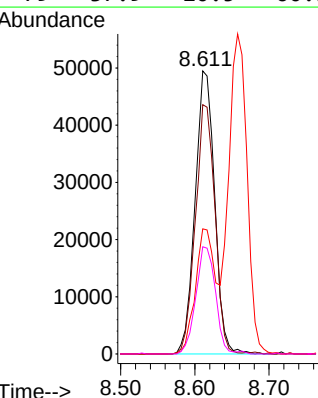
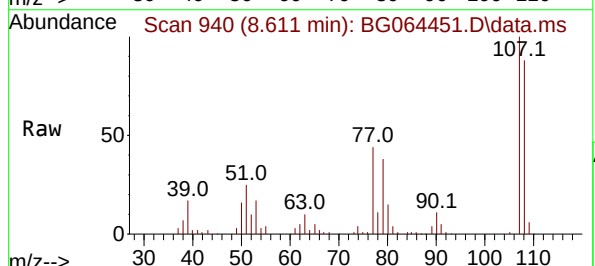
Ion Ratio Lower Upper

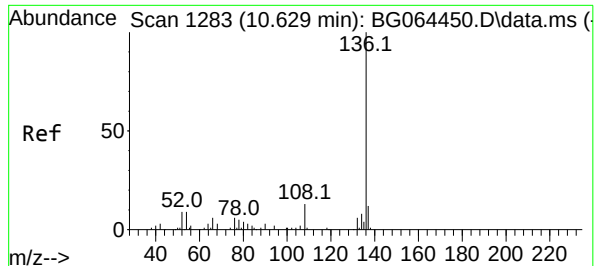
107 100

108 88.1 70.9 110.9

77 44.2 24.4 64.4

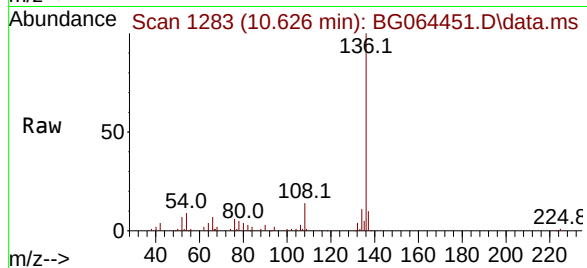
79 37.9 20.5 60.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

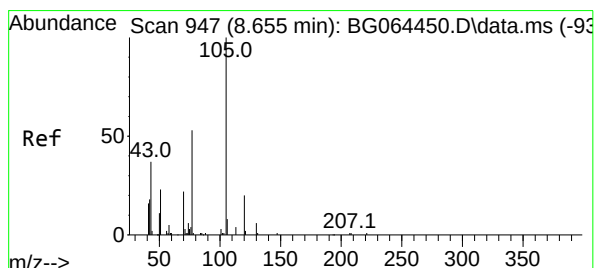
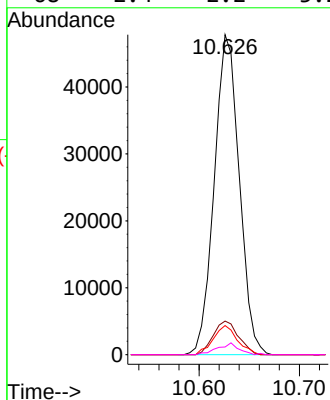
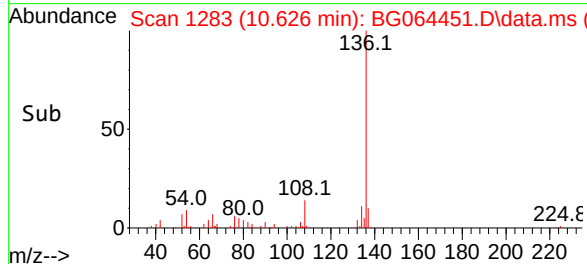
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 8258
Ion Ratio Lower Upper
136 100
137 10.5 9.6 14.4
54 9.1 7.4 11.2
68 2.4 2.2 3.2

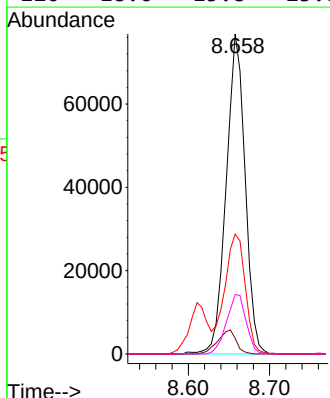
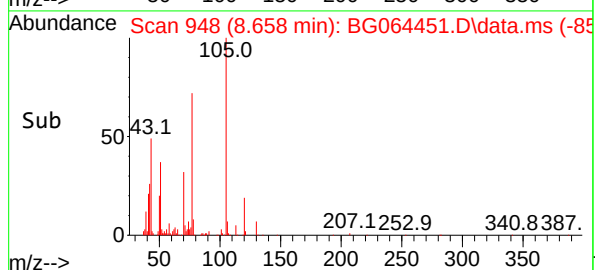
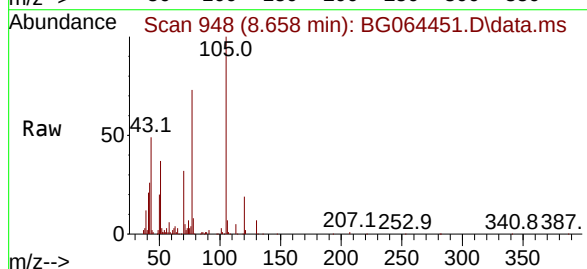
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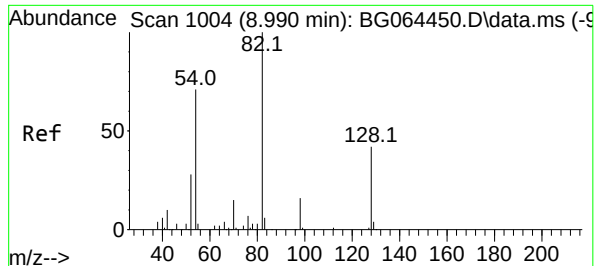
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 62.798 ng
RT: 8.658 min Scan# 948
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:105 Resp: 124155
Ion Ratio Lower Upper
105 100
71 4.9 2.5 3.7#
51 37.4 29.0 43.6
120 18.6 15.8 23.8





#23

Nitrobenzene-d5

Concen: 123.670 ng

RT: 8.998 min Scan# 1006

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 188440

Ion Ratio Lower Upper

82 100

128 42.2 33.7 50.5

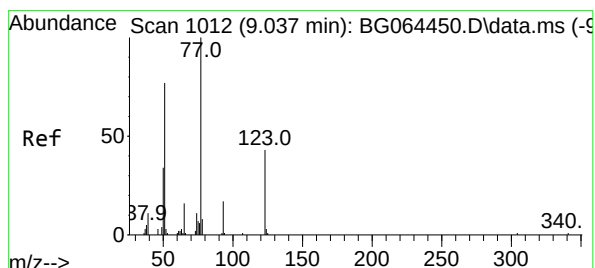
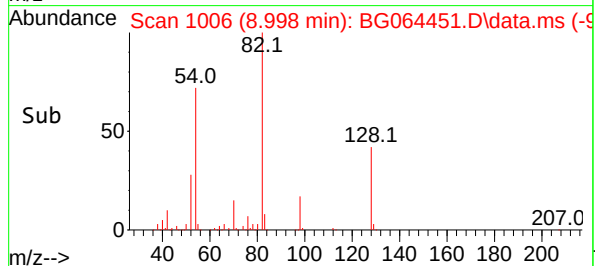
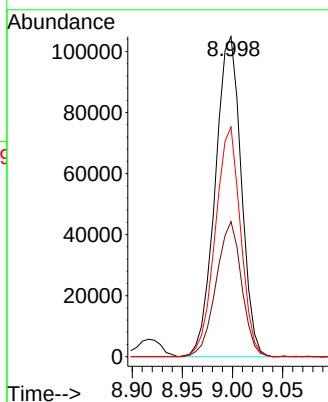
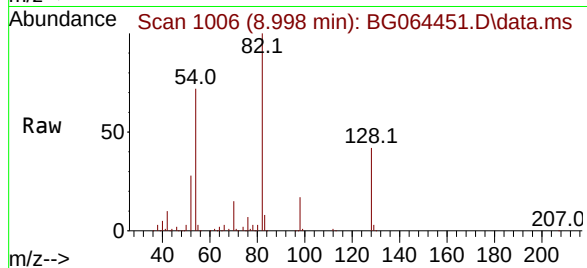
54 71.8 57.0 85.6

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#24

Nitrobenzene

Concen: 63.615 ng

RT: 9.040 min Scan# 1013

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

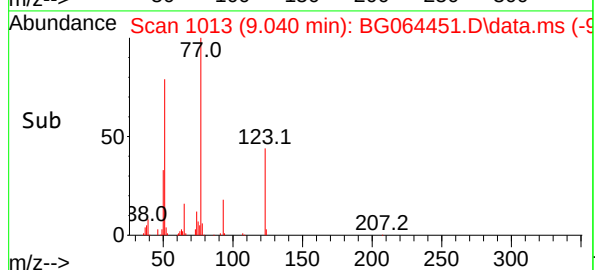
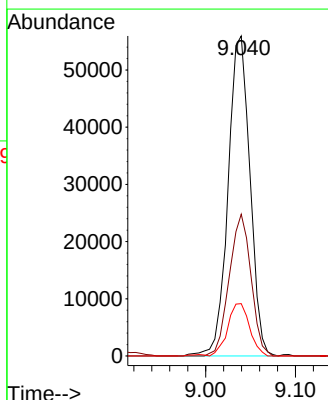
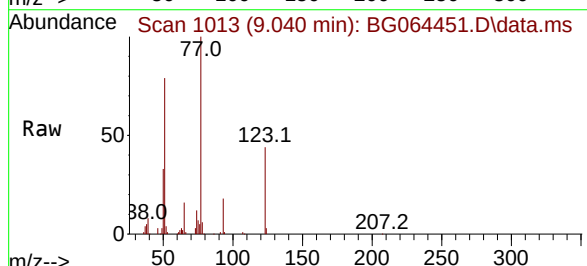
Tgt Ion: 77 Resp: 94622

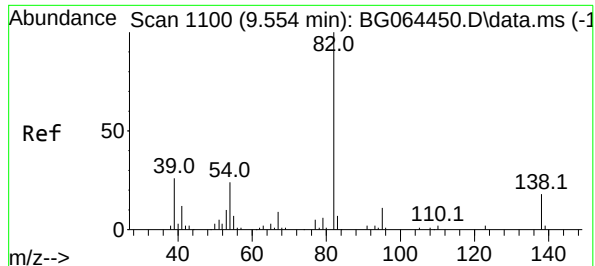
Ion Ratio Lower Upper

77 100

123 44.3 34.7 52.1

65 16.4 12.8 19.2





#25

Isophorone

Concen: 60.248 ng

RT: 9.562 min Scan# 1100

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 16986

Ion Ratio Lower Upper

82 100

95 11.3 8.5 12.7

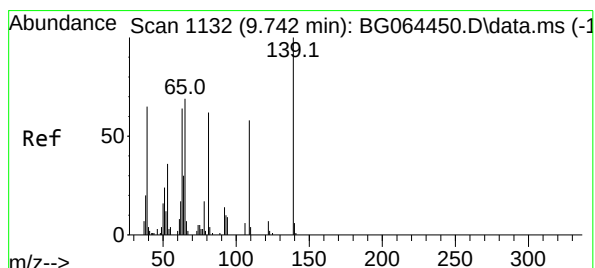
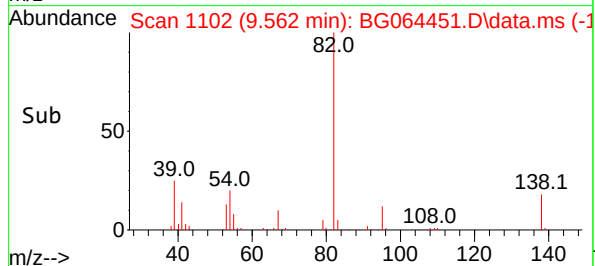
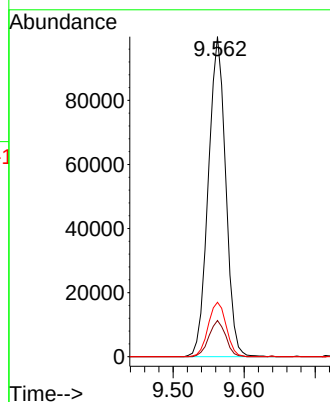
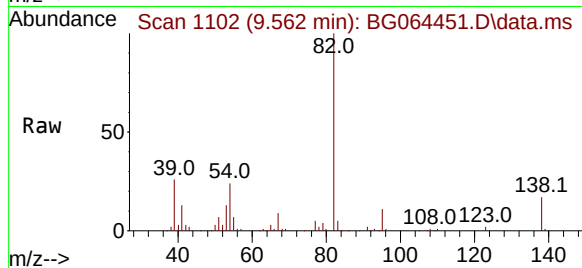
138 17.0 14.3 21.5

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#26

2-Nitrophenol

Concen: 61.854 ng

RT: 9.745 min Scan# 1133

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

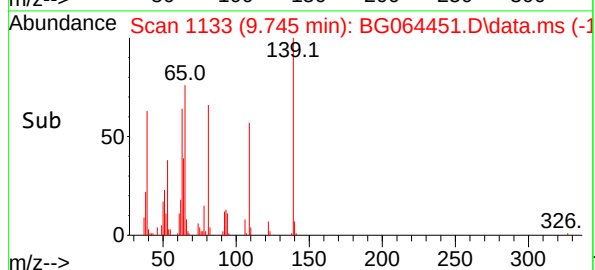
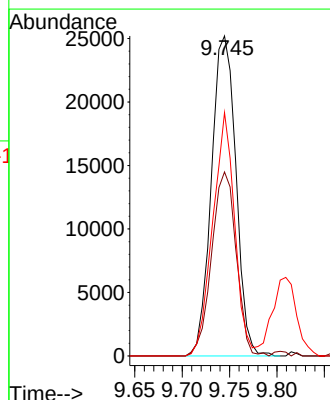
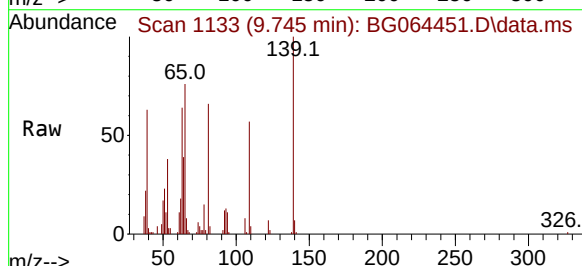
Tgt Ion:139 Resp: 45287

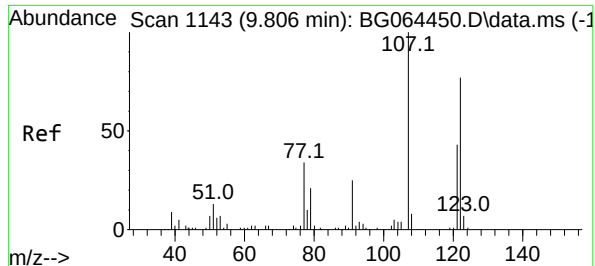
Ion Ratio Lower Upper

139 100

109 57.5 46.6 70.0

65 76.1 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 61.788 ng

RT: 9.809 min Scan# 1143

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 72964

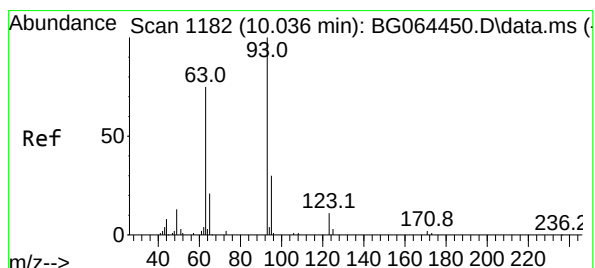
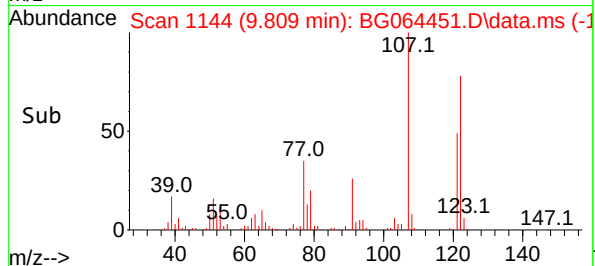
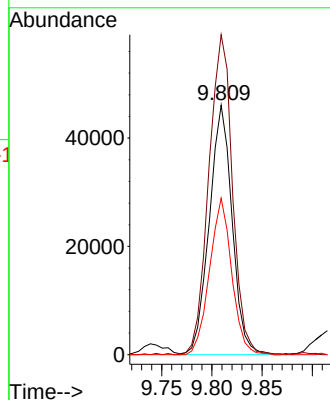
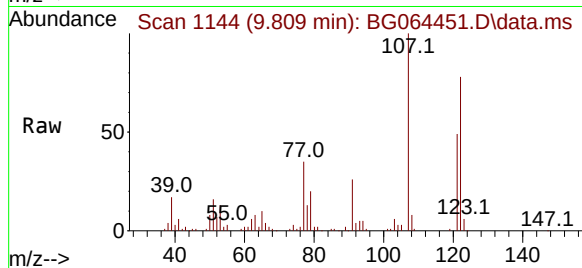
Ion	Ratio	Lower	Upper
122	100		
107	128.3	102.6	153.8
121	62.7	44.4	66.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 59.886 ng

RT: 10.044 min Scan# 1184

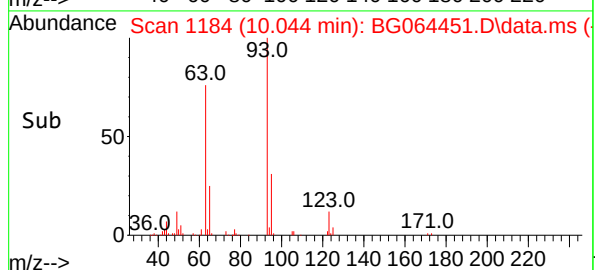
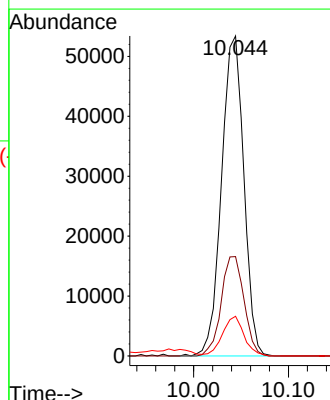
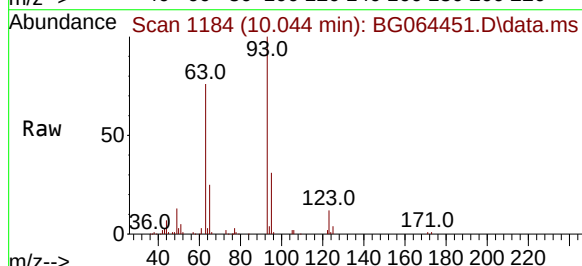
Delta R.T. 0.009 min

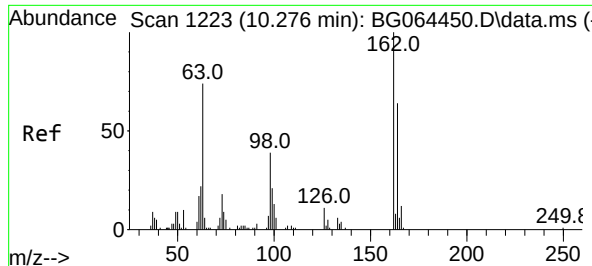
Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Tgt Ion: 93 Resp: 87229

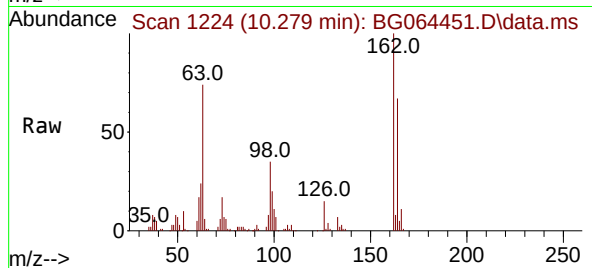
Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.0	36.0
123	12.4	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 60.245 ng
RT: 10.279 min Scan# 1224
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

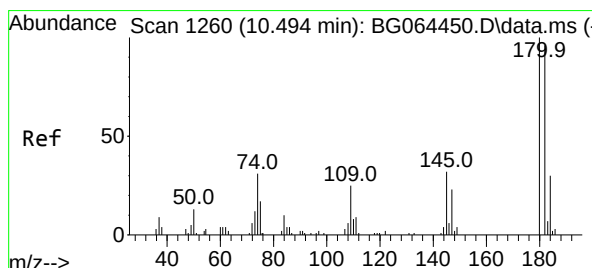
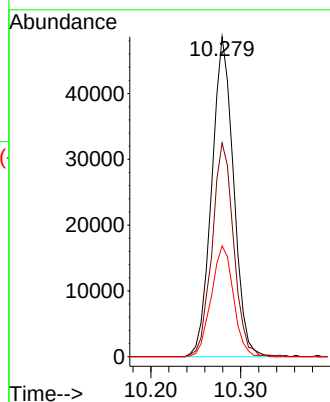
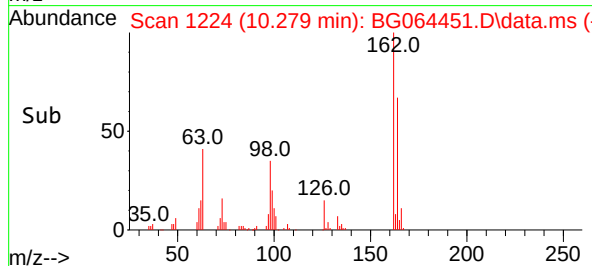
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:162 Resp: 81878
Ion Ratio Lower Upper
162 100
164 66.8 43.7 83.7
98 34.7 19.2 59.2

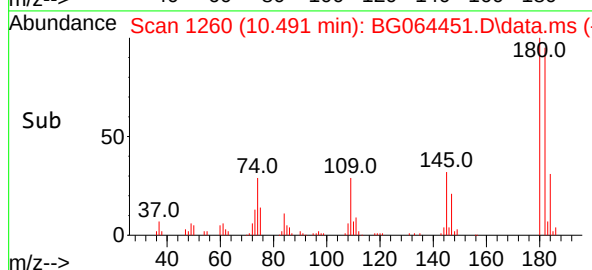
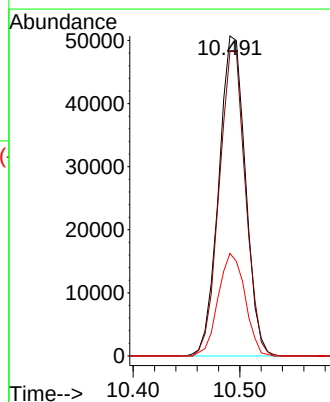
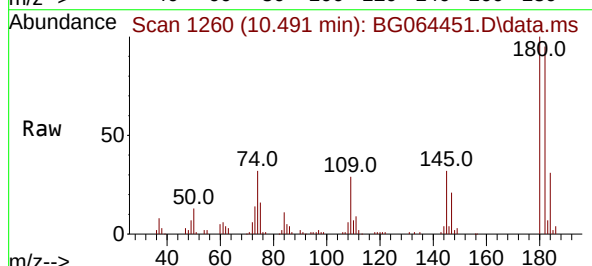
Manual Integrations
APPROVED

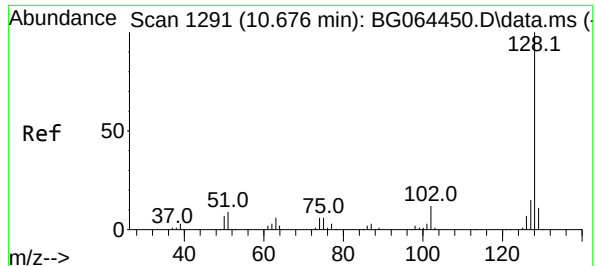
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#30
1,2,4-Trichlorobenzene
Concen: 60.386 ng
RT: 10.491 min Scan# 1260
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

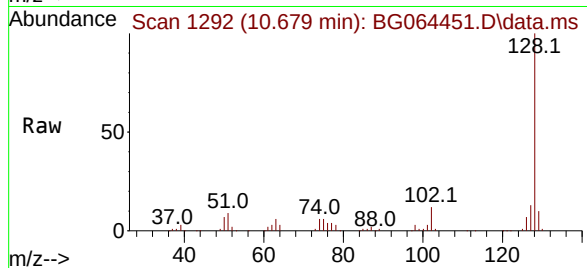
Tgt Ion:180 Resp: 87785
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.4
145 32.0 25.4 38.2





#31
Naphthalene
Concen: 60.323 ng
RT: 10.679 min Scan# 1174
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

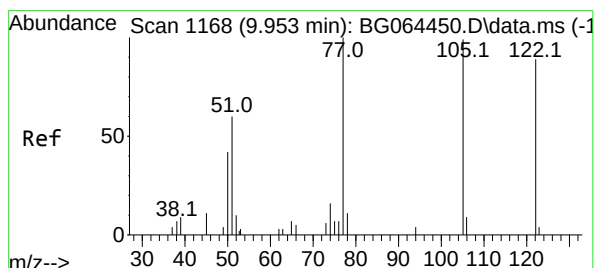
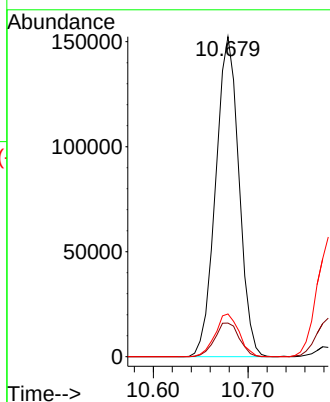
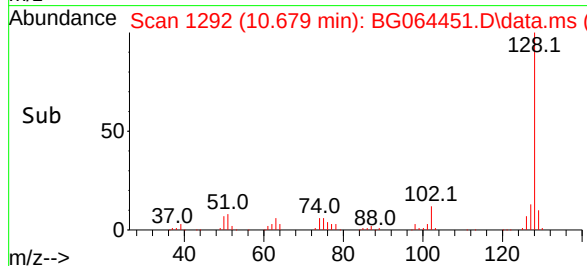
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 260068
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.4 12.1 18.1

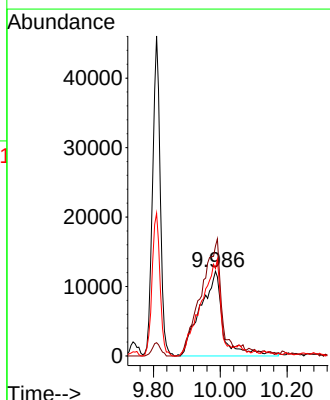
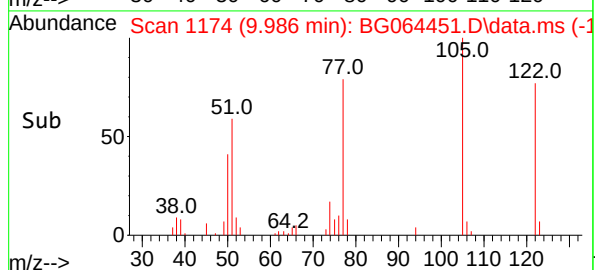
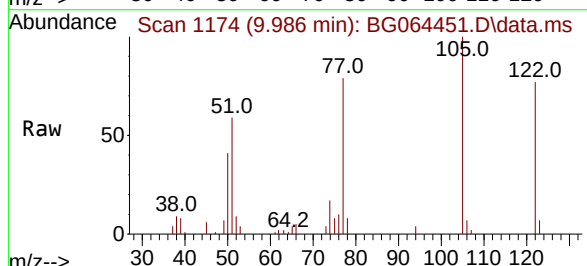
Manual Integrations
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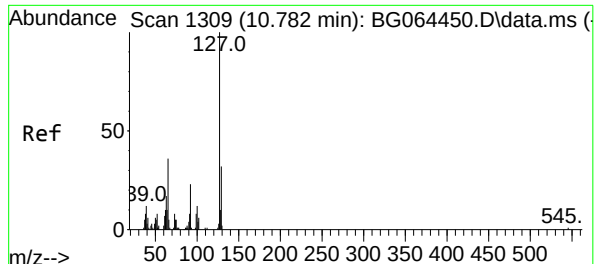
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 65.797 ng m
RT: 9.986 min Scan# 1174
Delta R.T. 0.032 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

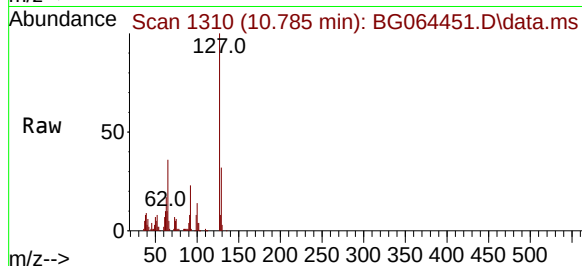
Tgt Ion:122 Resp: 57485
Ion Ratio Lower Upper
122 100
105 129.9 91.0 131.0
77 103.3 92.2 132.2





#33
4-Chloroaniline
Concen: 61.995 ng
RT: 10.785 min Scan# 1310
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

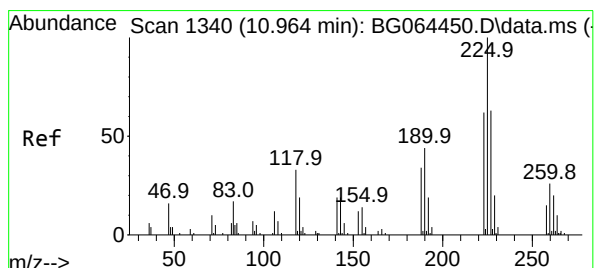
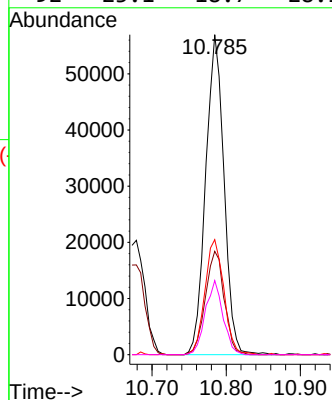
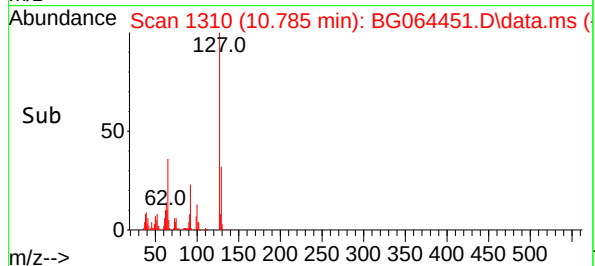
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



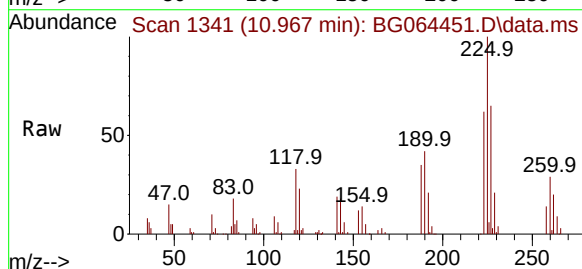
Tgt Ion:127 Resp: 9777
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 36.0 28.6 43.0
92 23.1 18.7 28.1

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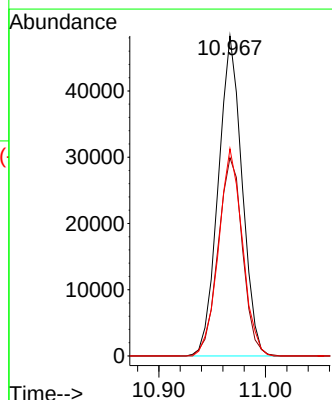
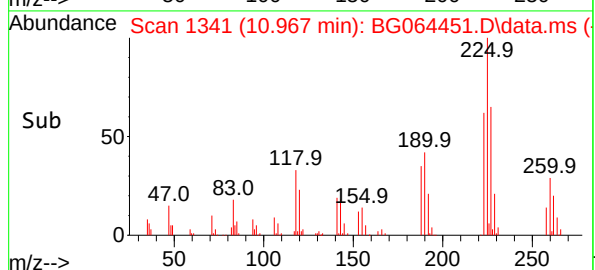
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

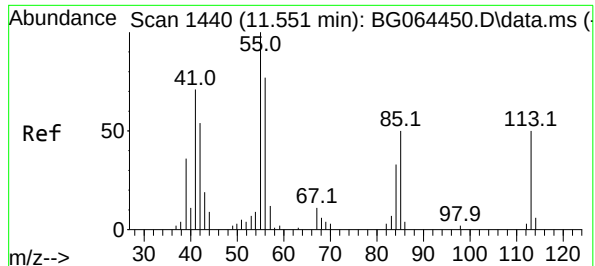


#34
Hexachlorobutadiene
Concen: 60.297 ng
RT: 10.967 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26



Tgt Ion:225 Resp: 74664
Ion Ratio Lower Upper
225 100
223 62.0 49.4 74.2
227 64.7 50.0 75.0





#35

Caprolactam

Concen: 57.897 ng

RT: 11.572 min Scan# 14

Delta R.T. 0.020 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 2596

Ion Ratio Lower Upper

113 100

55 183.3 178.3 218.3

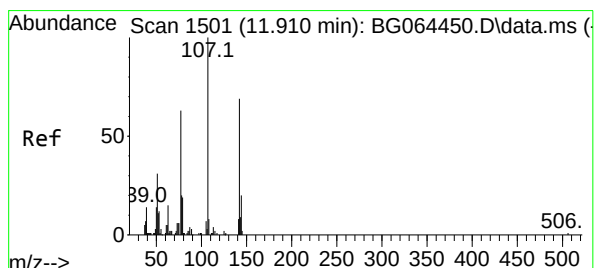
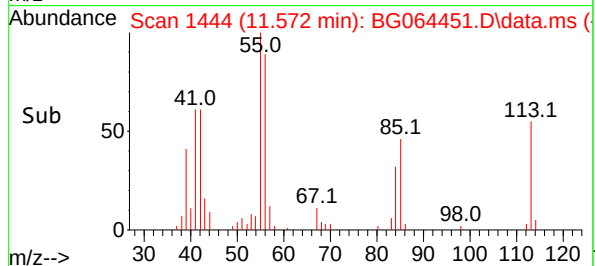
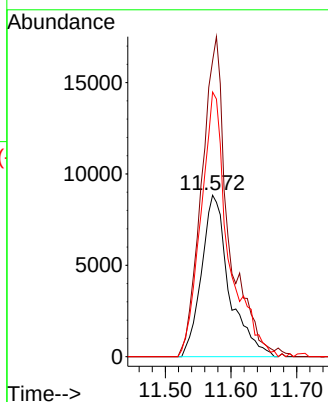
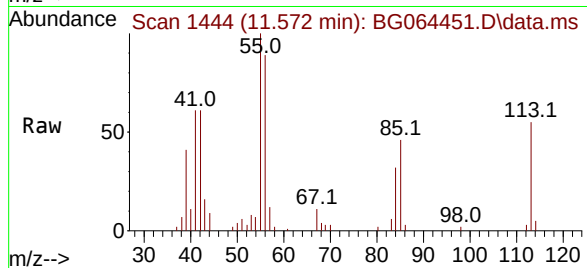
56 164.0 132.4 172.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 61.605 ng

RT: 11.919 min Scan# 1503

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

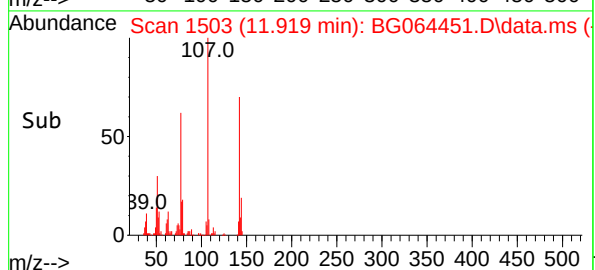
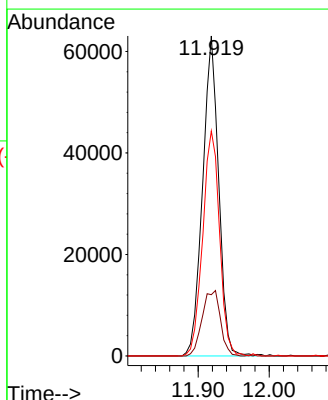
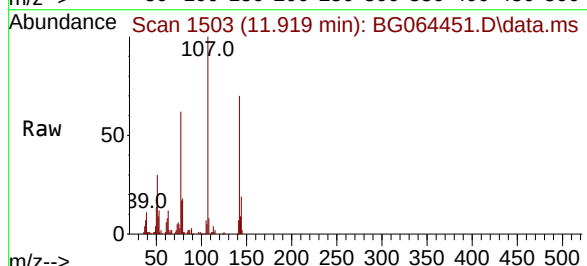
Tgt Ion:107 Resp: 99241

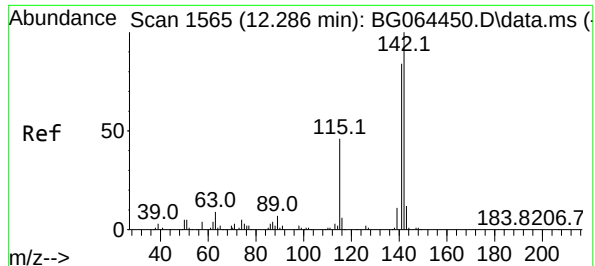
Ion Ratio Lower Upper

107 100

144 19.2 16.3 24.5

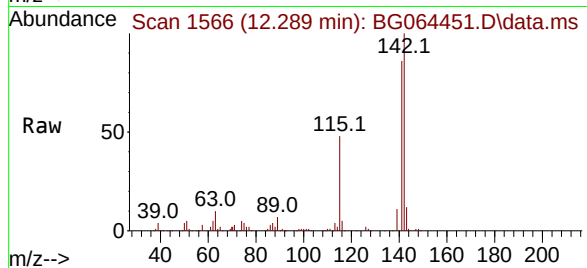
142 70.3 55.5 83.3





#37
2-Methylnaphthalene
Concen: 60.484 ng
RT: 12.289 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

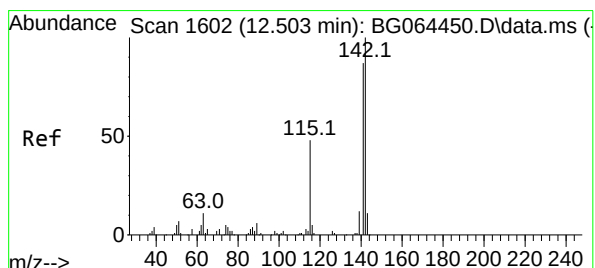
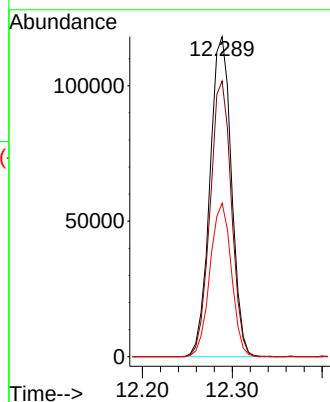
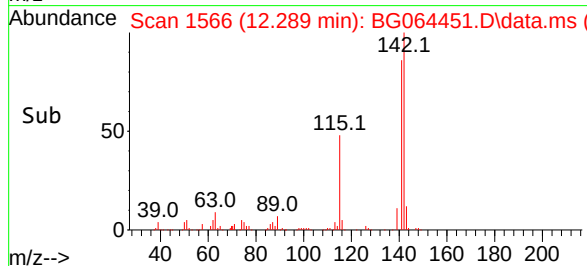
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 196900
Ion Ratio Lower Upper
142 100
141 86.2 67.3 100.9
115 48.0 37.0 55.4

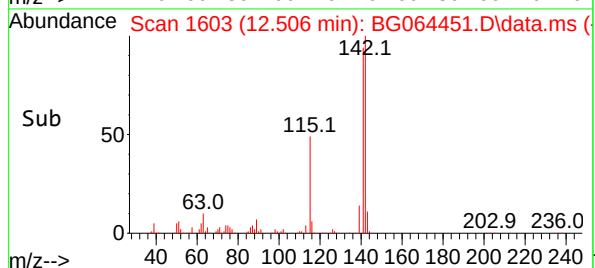
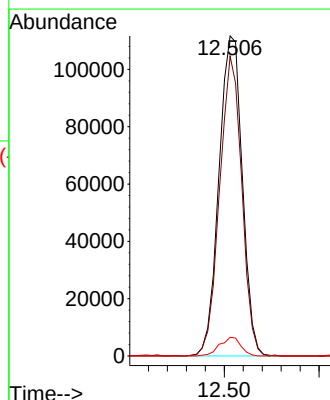
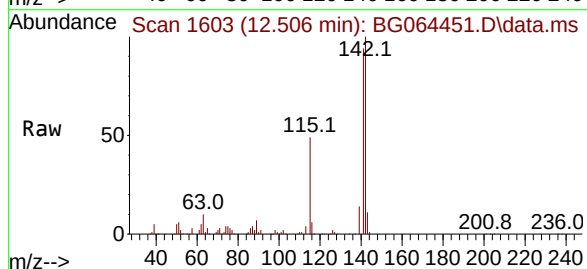
Manual Integrations
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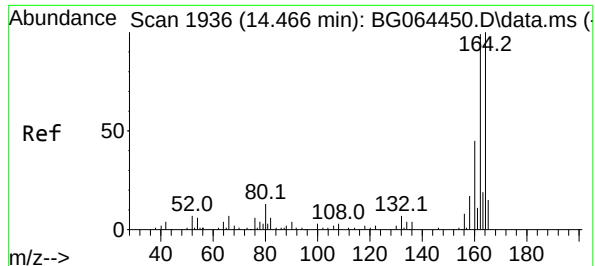
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 59.711 ng
RT: 12.506 min Scan# 1603
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:142 Resp: 190996
Ion Ratio Lower Upper
142 100
141 93.7 69.2 103.8
116 5.8 4.2 6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.468 min Scan# 1936

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

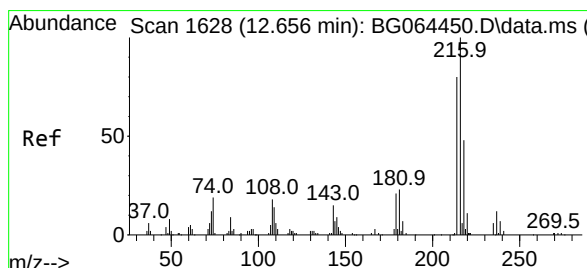
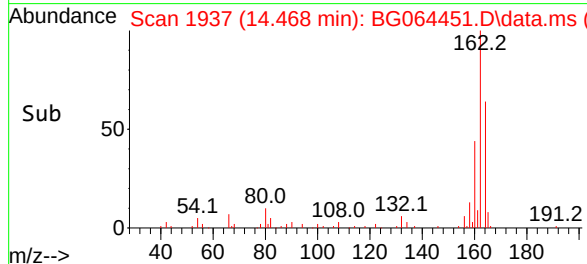
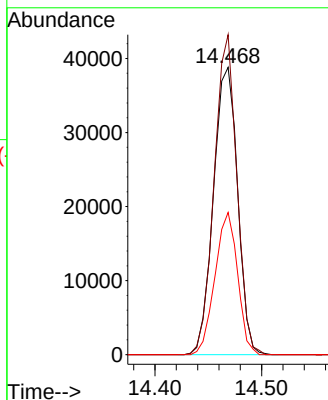
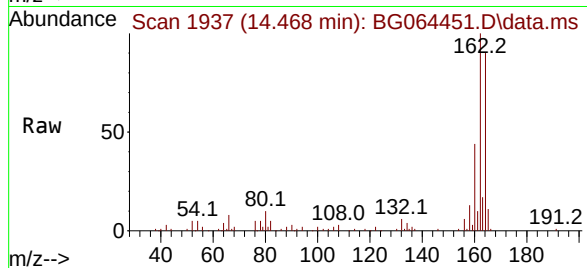
SSTDICC060

Tgt Ion:164 Resp: 61030
Ion Ratio Lower Upper
164 100
162 111.4 79.0 118.4
160 49.5 36.3 54.5

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.683 ng

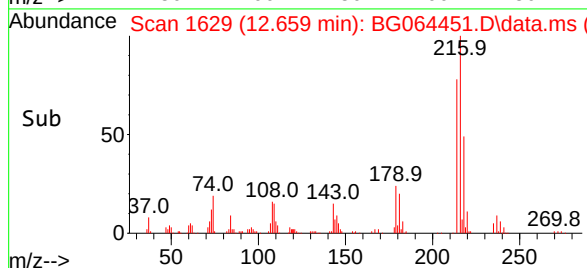
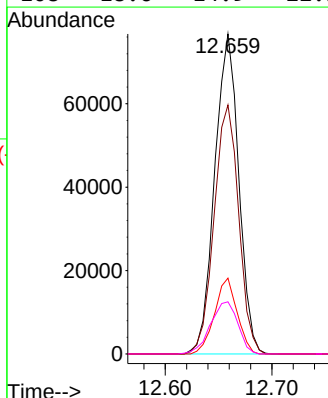
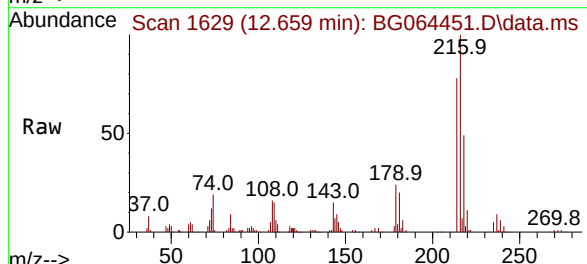
RT: 12.659 min Scan# 1629

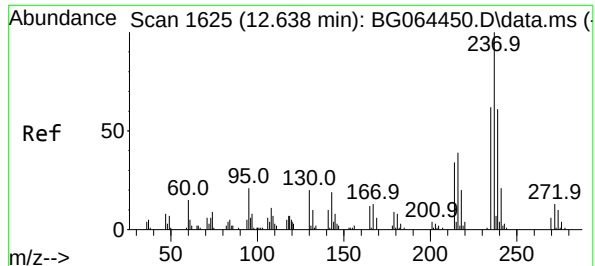
Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

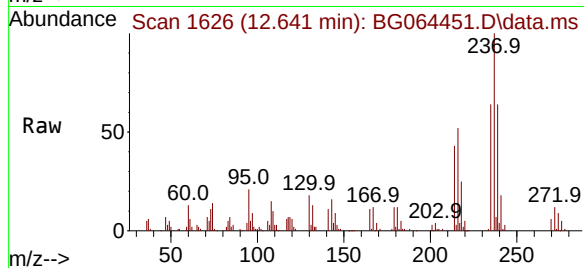
Tgt Ion:216 Resp: 119975
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 22.3 17.4 26.2
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 65.859 ng
RT: 12.641 min Scan# 1625
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

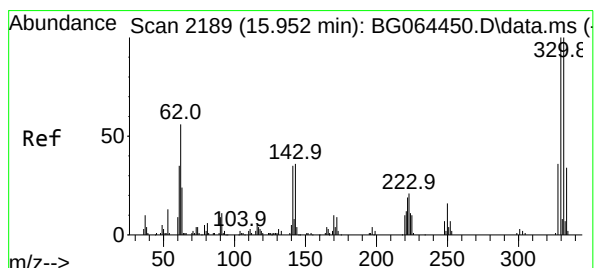
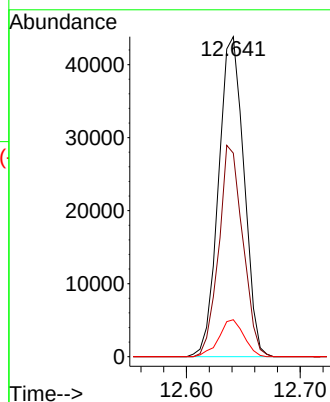
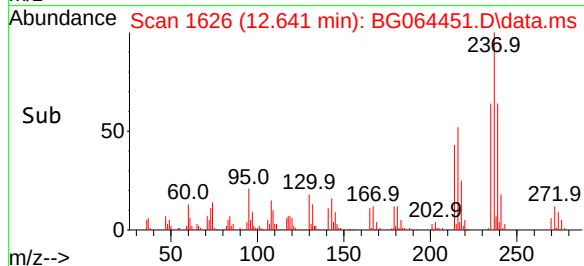
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



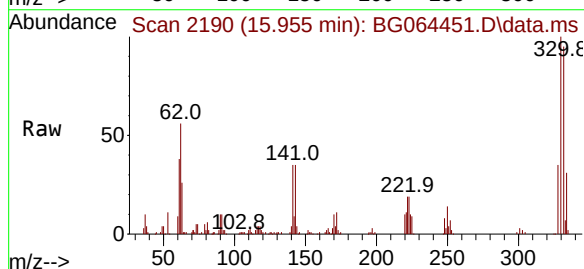
Tgt Ion: 237 Resp: 6803
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 11.5 0.0 32.8

Manual Integrations
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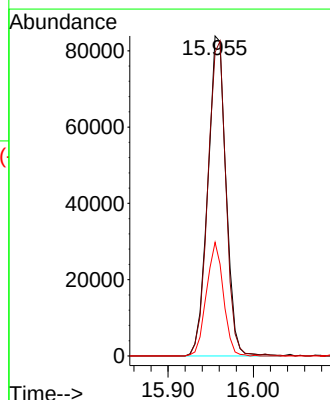
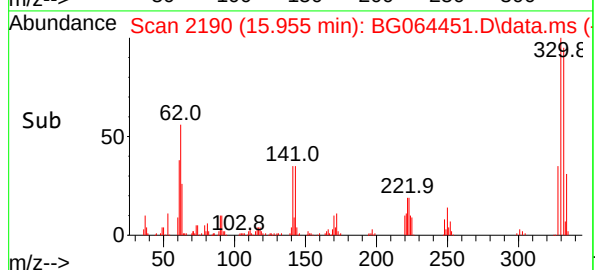
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

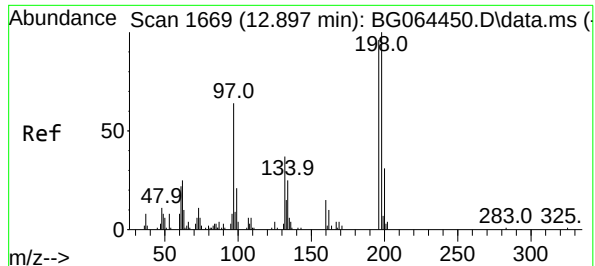


#42
2,4,6-Tribromophenol
Concen: 116.839 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26



Tgt Ion: 330 Resp: 124484
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 33.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 62.481 ng

RT: 12.900 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 7927

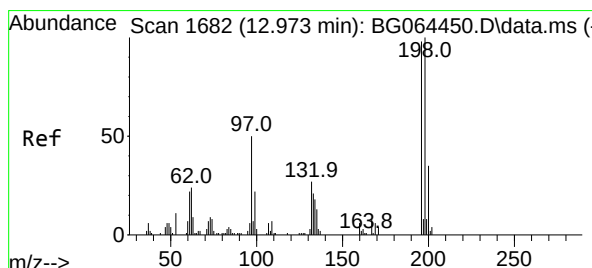
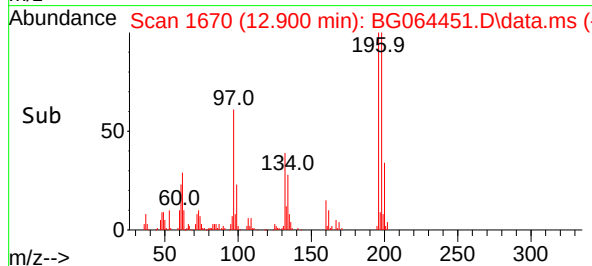
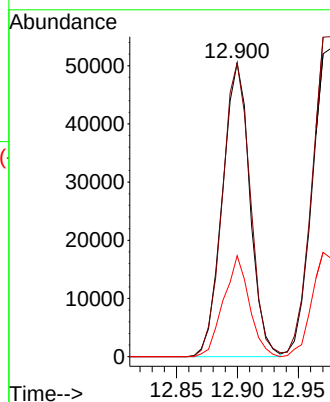
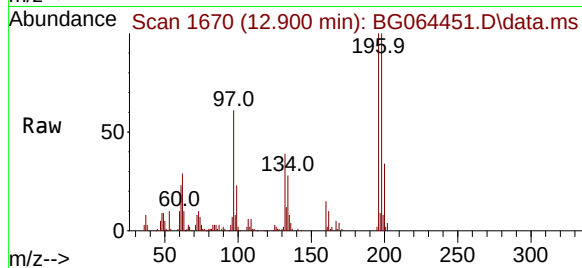
Ion	Ratio	Lower	Upper
196	100		
198	100.0	83.8	125.6
200	36.2	26.1	39.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 60.451 ng

RT: 12.976 min Scan# 1683

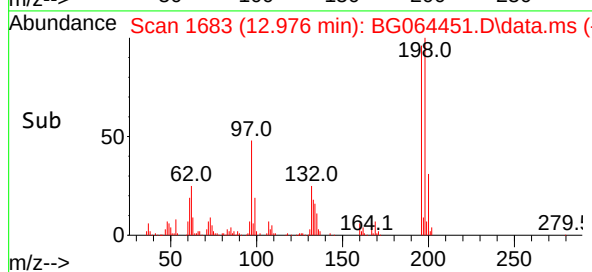
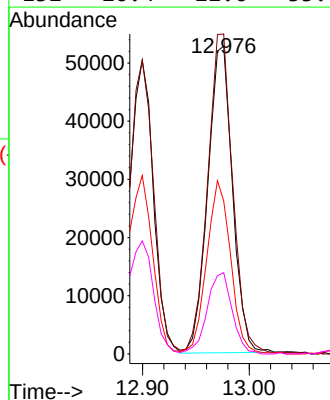
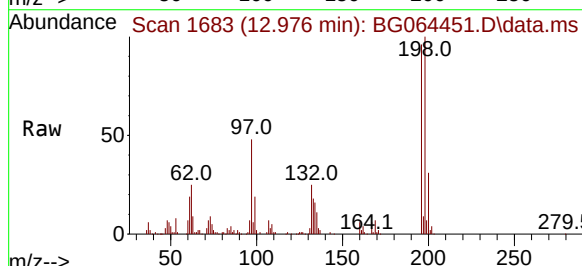
Delta R.T. 0.003 min

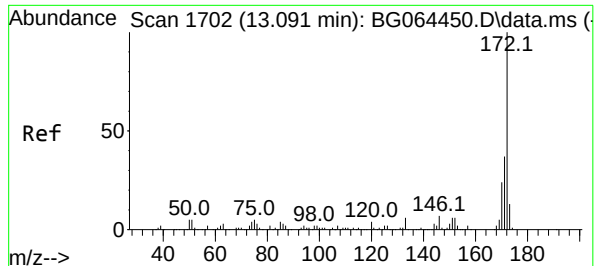
Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Tgt Ion:196 Resp: 85025

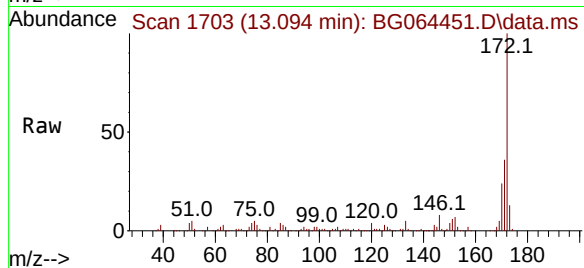
Ion	Ratio	Lower	Upper
196	100		
198	103.9	80.9	121.3
97	49.7	40.5	60.7
132	26.4	22.6	33.8





#45
2-Fluorobiphenyl
Concen: 122.789 ng
RT: 13.094 min Scan# 1702
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

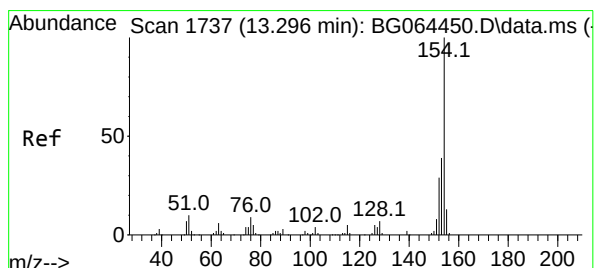
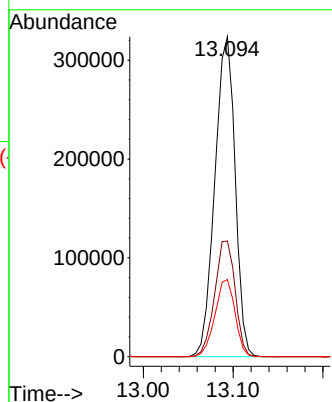
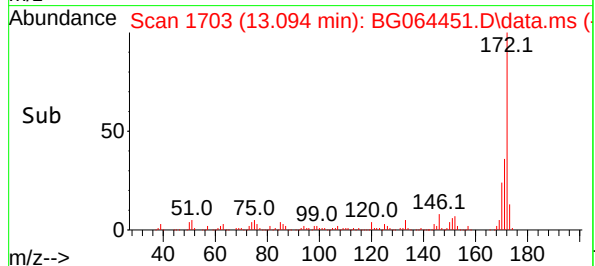
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 507488
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.2
170 24.1 18.9 28.3

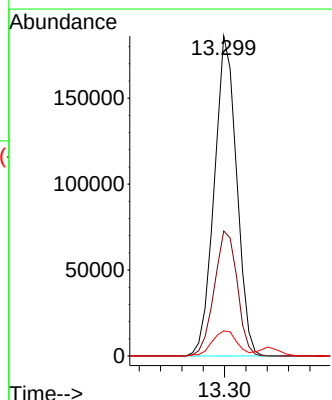
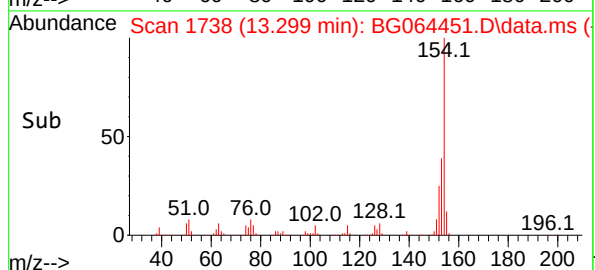
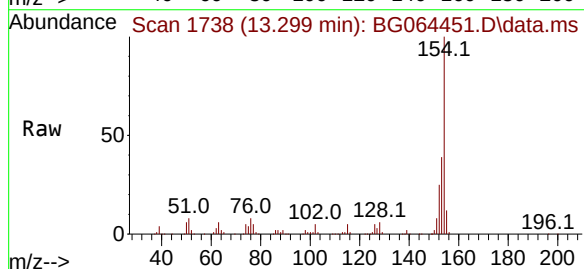
Manual Integrations
APPROVED

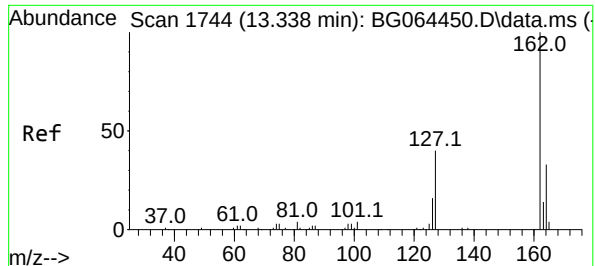
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 62.306 ng
RT: 13.299 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

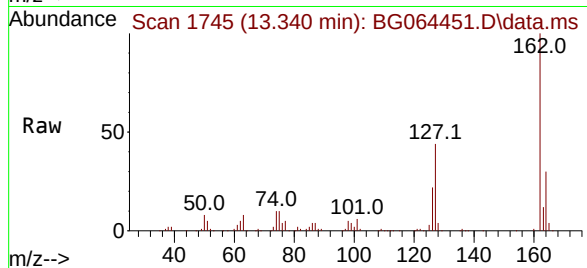
Tgt Ion:154 Resp: 270497
Ion Ratio Lower Upper
154 100
153 39.1 18.8 58.8
76 7.8 0.0 28.8





#47
2-Chloronaphthalene
Concen: 62.512 ng
RT: 13.340 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

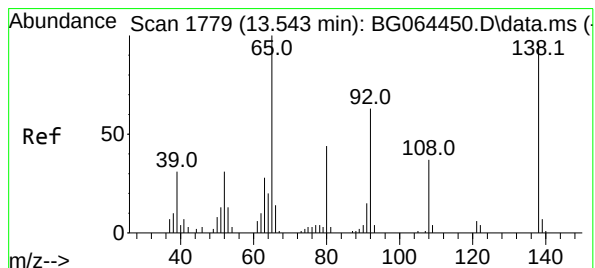
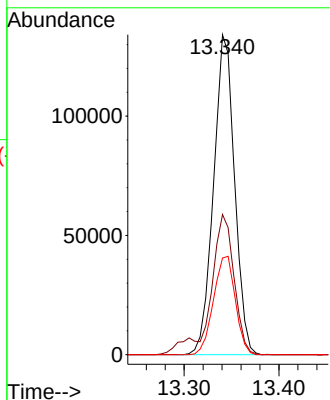
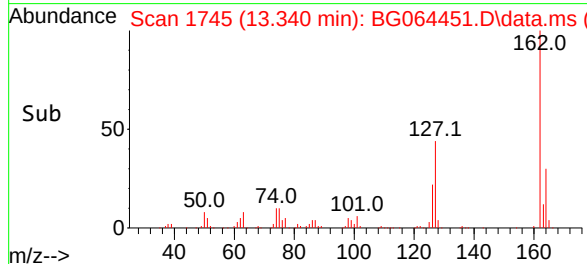
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:162 Resp: 20626
Ion Ratio Lower Upper
162 100
127 43.8 36.2 54.4
164 30.2 26.2 39.2

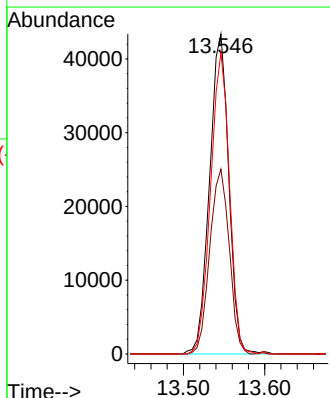
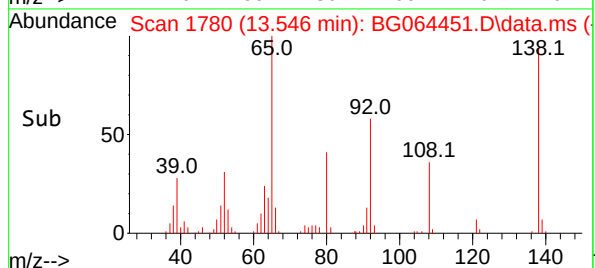
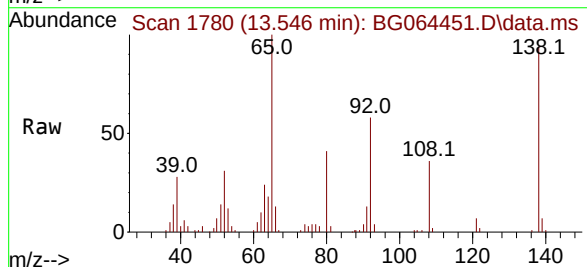
Manual Integrations
APPROVED

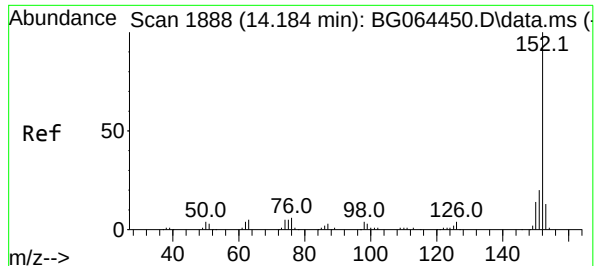
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#48
2-Nitroaniline
Concen: 62.802 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion: 65 Resp: 71221
Ion Ratio Lower Upper
65 100
92 57.8 50.6 75.8
138 94.2 76.4 114.6





#49

Acenaphthylene

Concen: 60.937 ng

RT: 14.186 min Scan# 1889

Delta R.T. 0.003 min

Lab File: BG064451.D

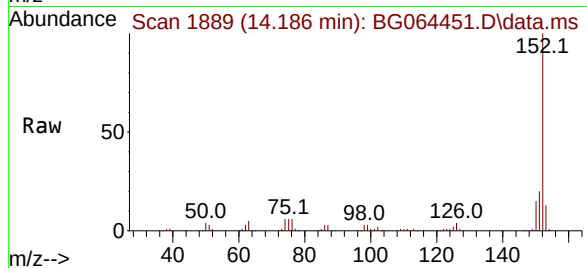
Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060



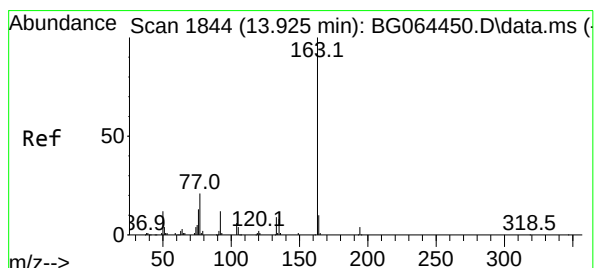
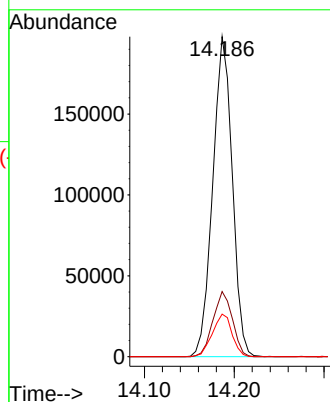
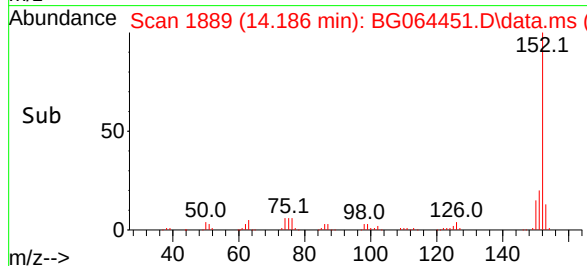
Tgt Ion:	152	Resp:	298508
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.3	10.6	16.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#50

Dimethylphthalate

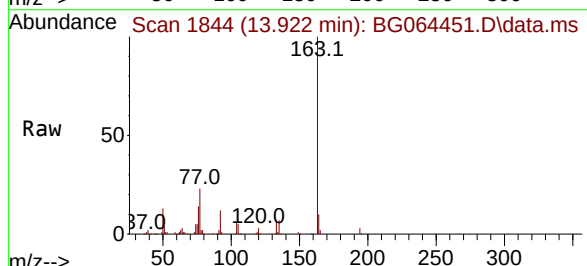
Concen: 59.231 ng

RT: 13.922 min Scan# 1844

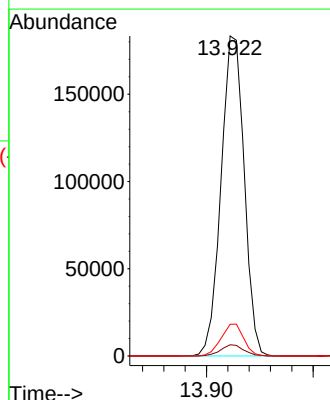
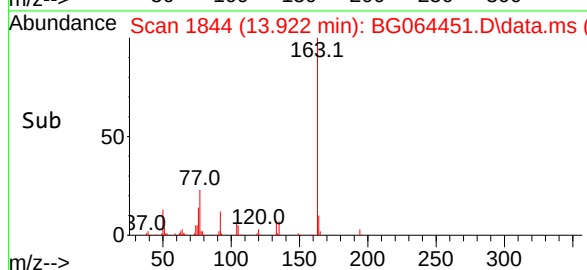
Delta R.T. -0.003 min

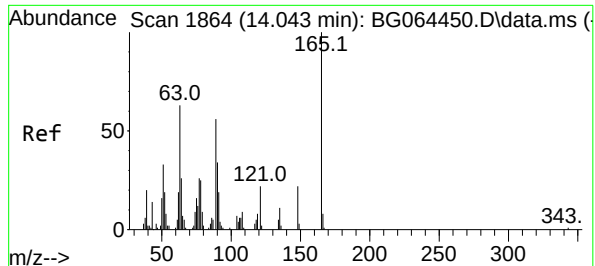
Lab File: BG064451.D

Acq: 25 Sep 2025 19:26



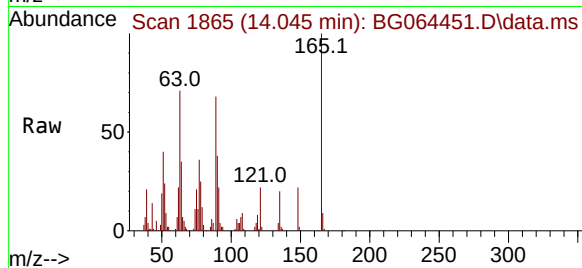
Tgt Ion:	163	Resp:	276155
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.4
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 60.980 ng
RT: 14.045 min Scan# 1864
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

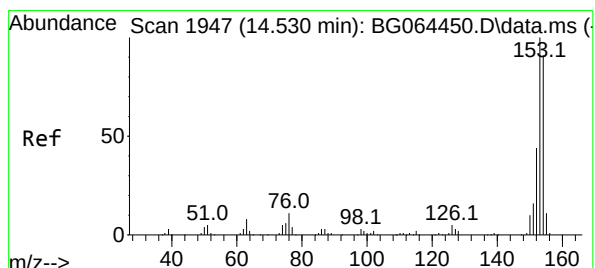
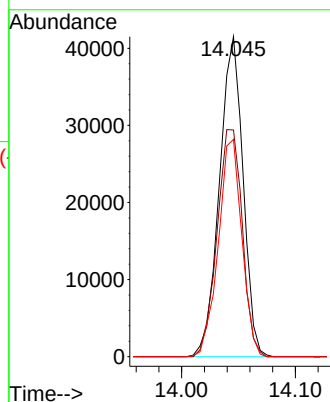
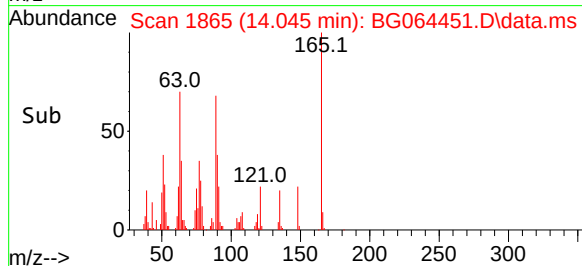
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 59718
Ion Ratio Lower Upper
165 100
63 70.8 50.6 75.8
89 67.9 44.6 67.0

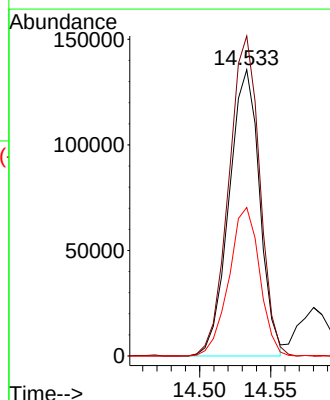
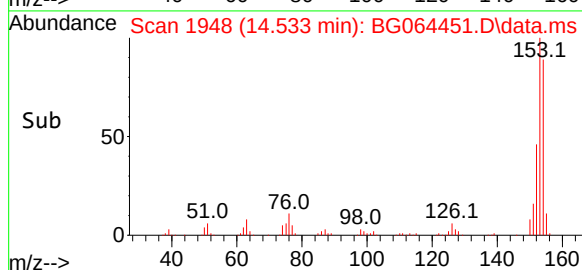
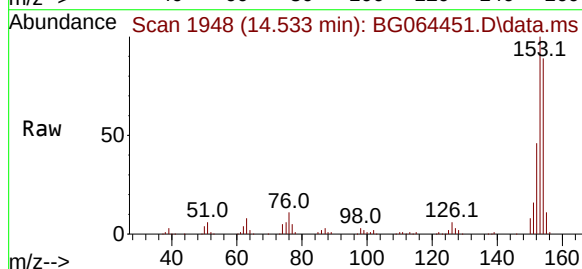
Manual Integrations
APPROVED

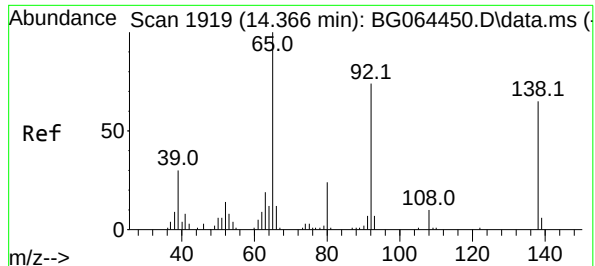
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 60.725 ng
RT: 14.533 min Scan# 1948
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

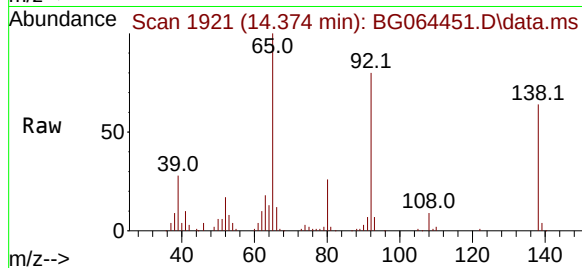
Tgt Ion:154 Resp: 203572
Ion Ratio Lower Upper
154 100
153 111.8 88.1 132.1
152 51.9 39.0 58.4





#53
3-Nitroaniline
Concen: 58.654 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.009 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

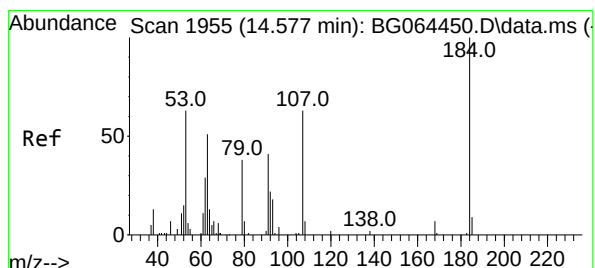
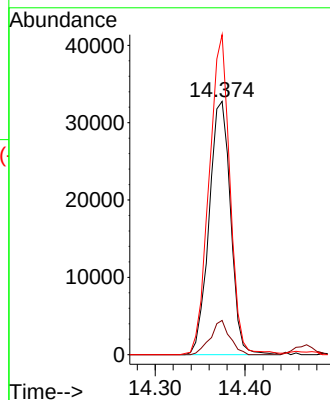
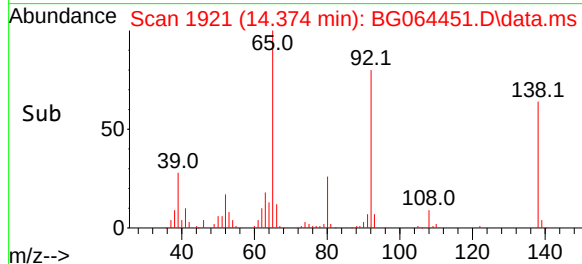
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 54428
Ion Ratio Lower Upper
138 100
108 13.5 12.4 18.6
92 126.4 91.0 136.6

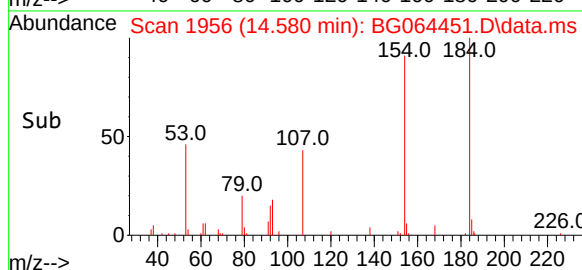
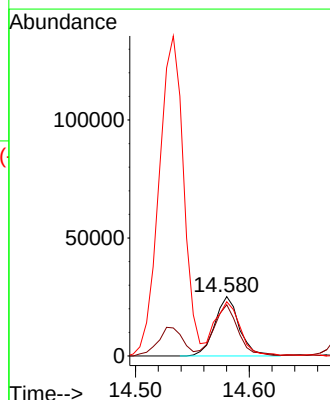
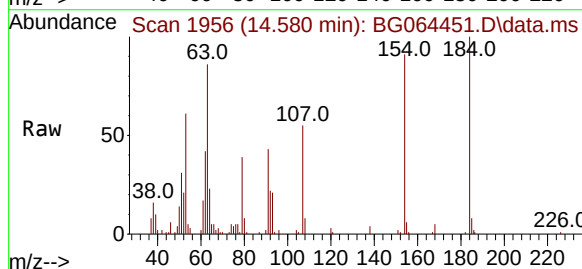
Manual Integrations
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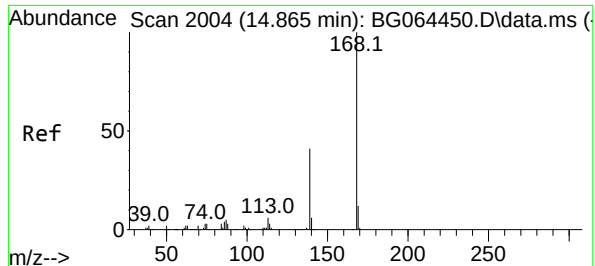
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 57.910 ng
RT: 14.580 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

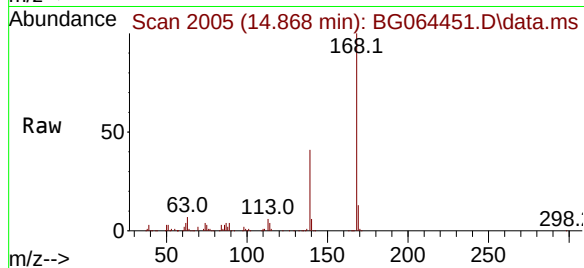
Tgt Ion:184 Resp: 37663
Ion Ratio Lower Upper
184 100
63 86.2 69.8 104.8
154 91.3 74.2 111.4





#55
Dibenzenofuran
Concen: 60.654 ng
RT: 14.868 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

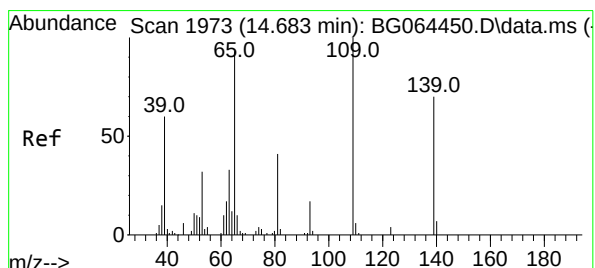
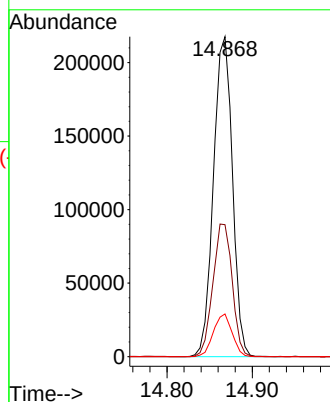
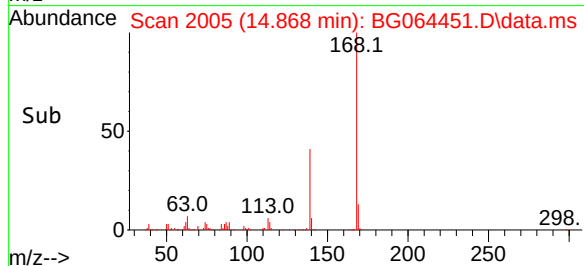
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 33713
Ion Ratio Lower Upper
168 100
139 41.3 33.3 49.9
169 13.4 9.9 14.9

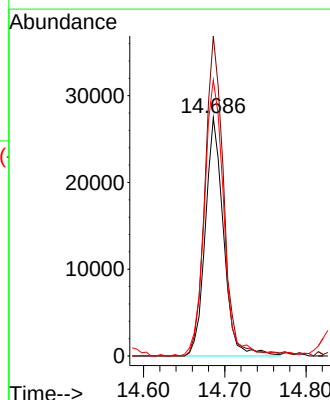
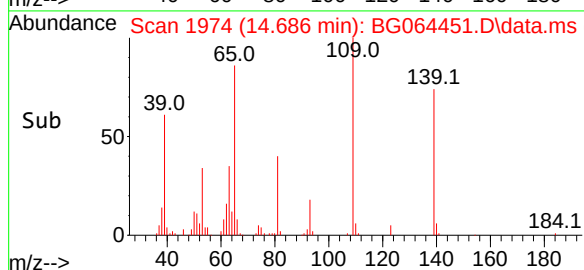
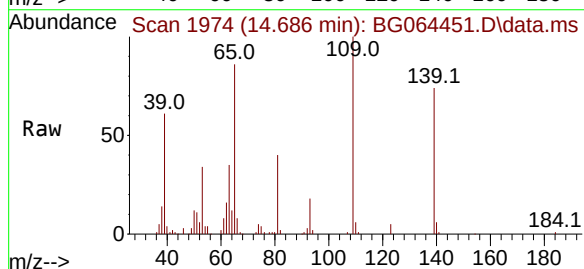
Manual Integrations
APPROVED

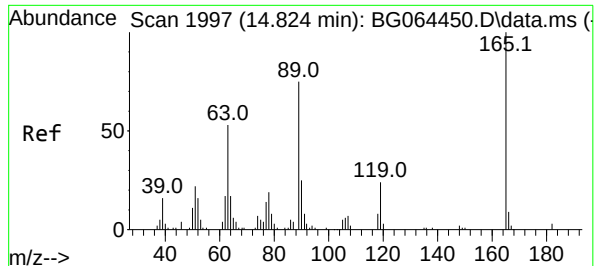
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 57.004 ng
RT: 14.686 min Scan# 1974
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

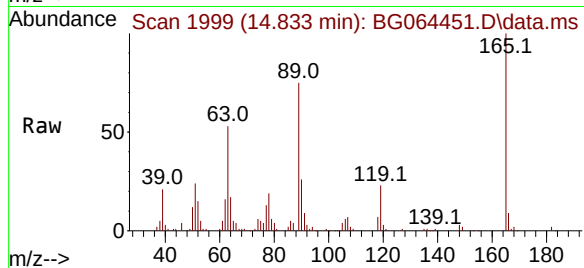
Tgt Ion:139 Resp: 42817
Ion Ratio Lower Upper
139 100
109 134.3 122.5 162.5
65 115.8 113.0 153.0





#57
2,4-Dinitrotoluene
Concen: 59.644 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.009 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

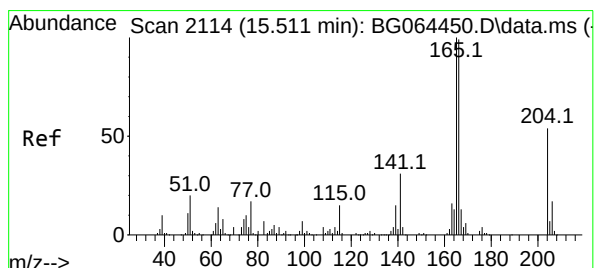
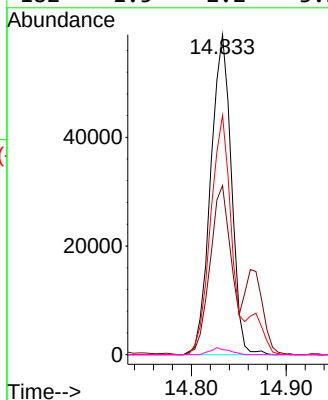
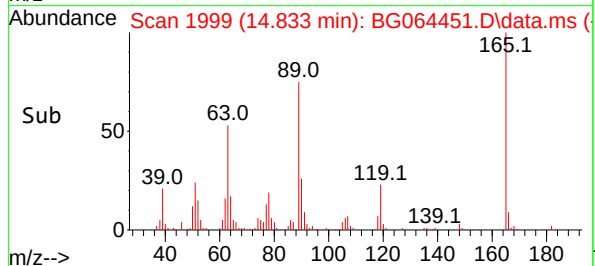
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 89168
Ion Ratio Lower Upper
165 100
63 52.9 42.6 63.8
89 74.8 59.7 89.5
182 1.5 2.2 3.2#

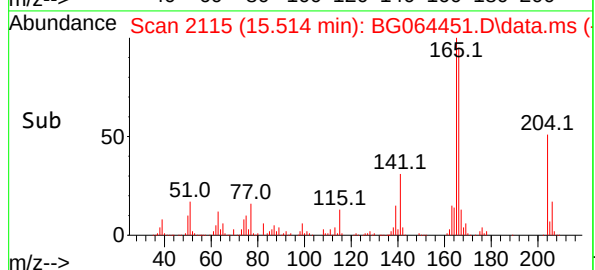
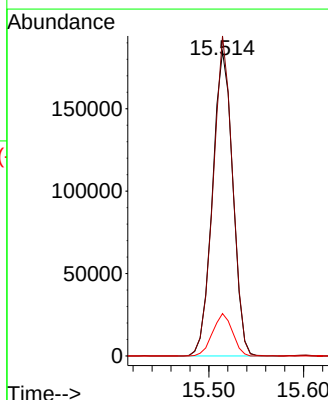
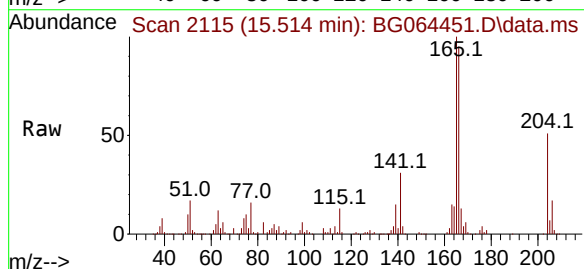
Manual Integrations
APPROVED

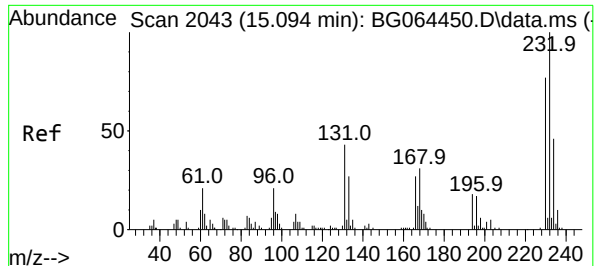
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#58
Fluorene
Concen: 60.014 ng
RT: 15.514 min Scan# 2115
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

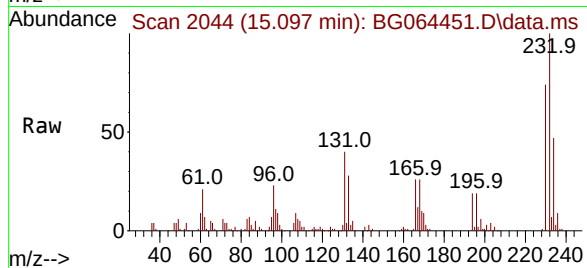
Tgt Ion:166 Resp: 275367
Ion Ratio Lower Upper
166 100
165 105.0 81.1 121.7
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 61.735 ng
RT: 15.097 min Scan# 2044
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

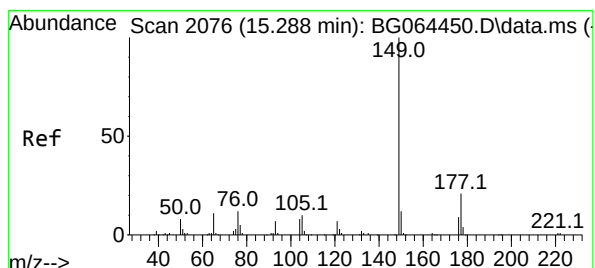
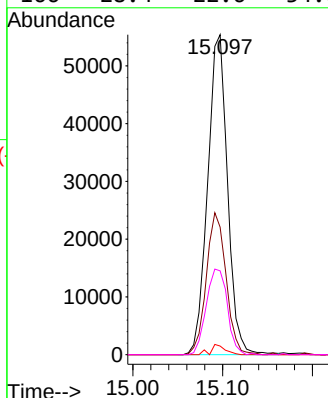
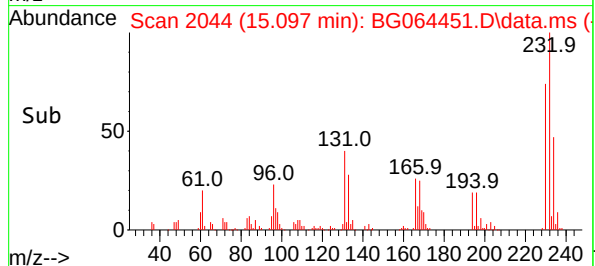
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



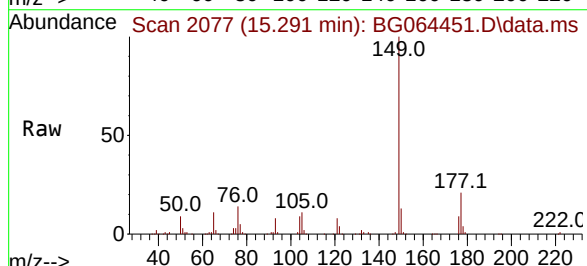
Tgt Ion:232 Resp: 8522
Ion Ratio Lower Upper
232 100
131 44.0 34.3 51.5
130 2.3 2.3 3.5
166 28.4 22.6 34.0

Manual Integrations
APPROVED

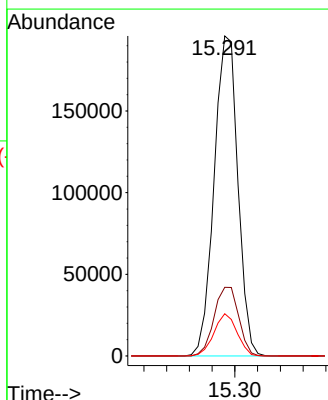
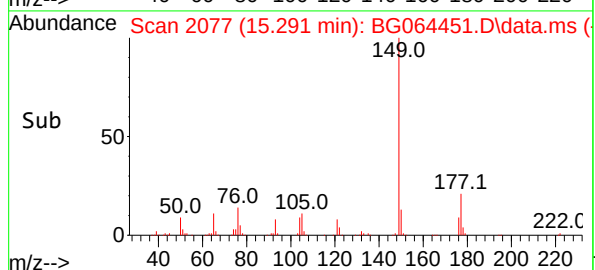
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

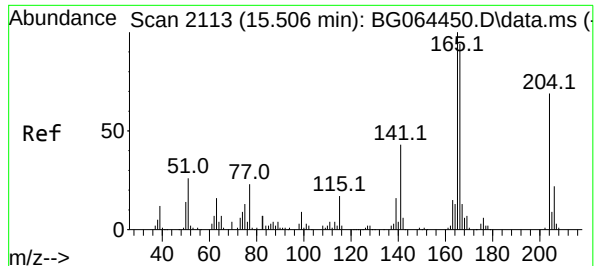


#60
Diethylphthalate
Concen: 56.518 ng
RT: 15.291 min Scan# 2077
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26



Tgt Ion:149 Resp: 283929
Ion Ratio Lower Upper
149 100
177 21.5 17.1 25.7
150 13.2 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 60.074 ng
RT: 15.508 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

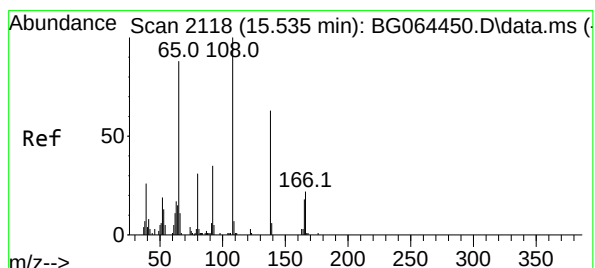
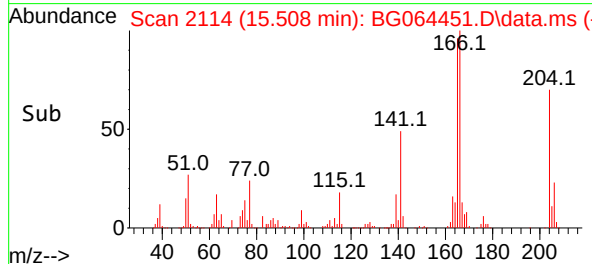
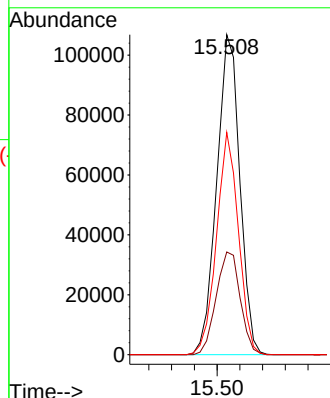
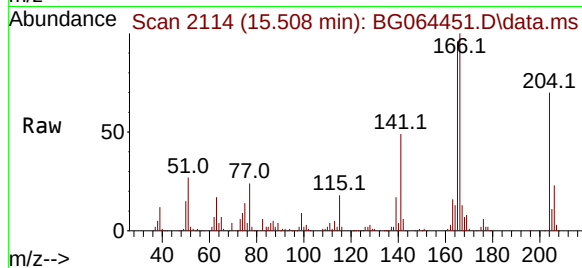
SSTDICC060

Tgt Ion:204 Resp: 150520
Ion Ratio Lower Upper
204 100
206 32.1 25.0 37.6
141 69.5 49.7 74.5

Manual Integrations

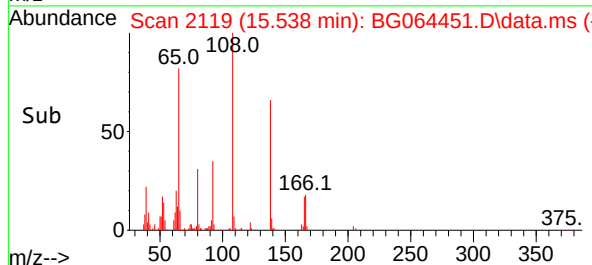
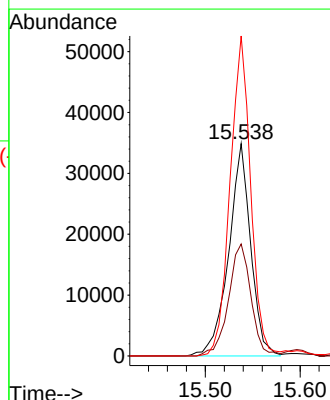
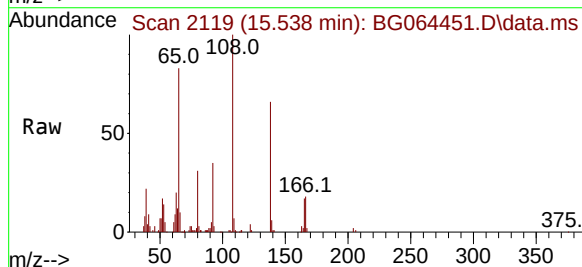
APPROVED

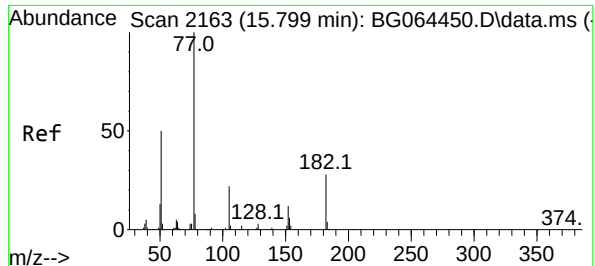
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 56.535 ng
RT: 15.538 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

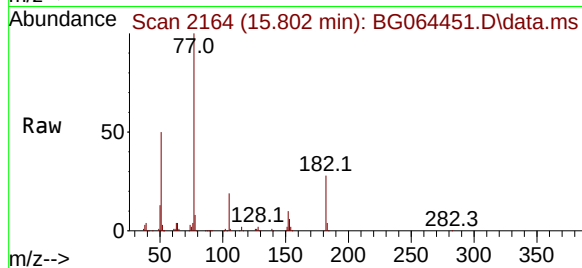
Tgt Ion:138 Resp: 56253
Ion Ratio Lower Upper
138 100
92 52.8 35.0 75.0
108 150.7 137.5 177.5





#63
Azobenzene
Concen: 59.439 ng
RT: 15.802 min Scan# 2163
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

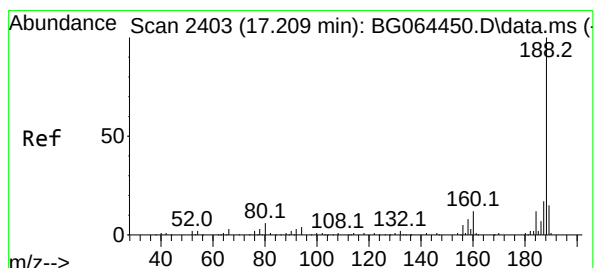
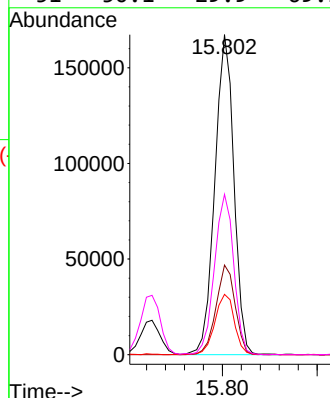
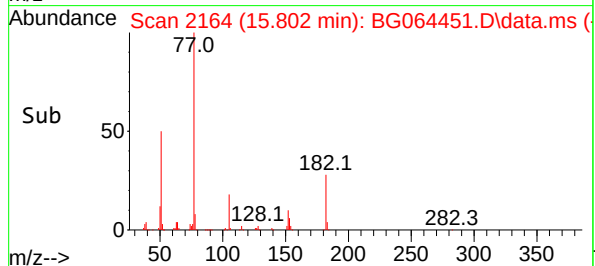
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



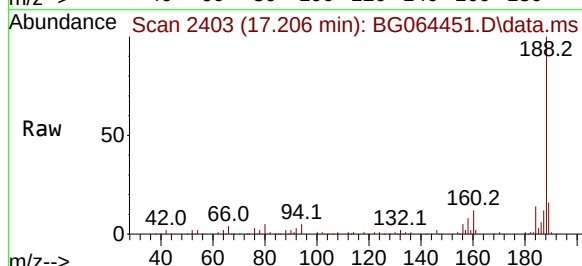
Tgt Ion: 77 Resp: 233659
Ion Ratio Lower Upper
77 100
182 28.0 8.1 48.1
105 18.9 1.9 41.9
51 50.1 29.9 69.9

Manual Integrations
APPROVED

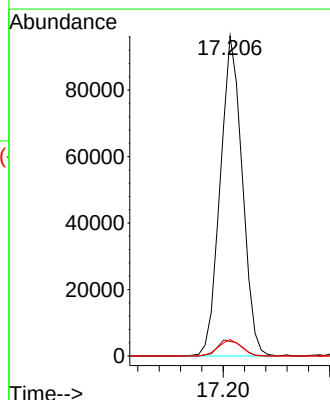
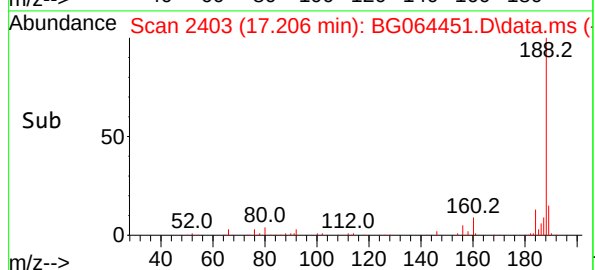
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

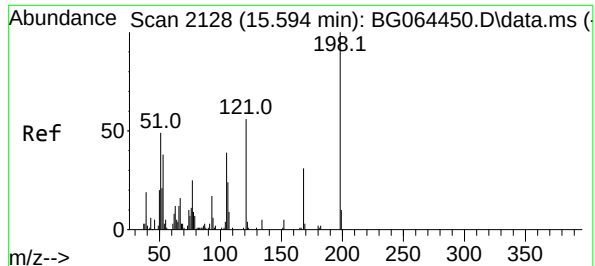


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26



Tgt Ion:188 Resp: 137702
Ion Ratio Lower Upper
188 100
94 4.6 3.0 4.4#
80 5.2 4.9 7.3





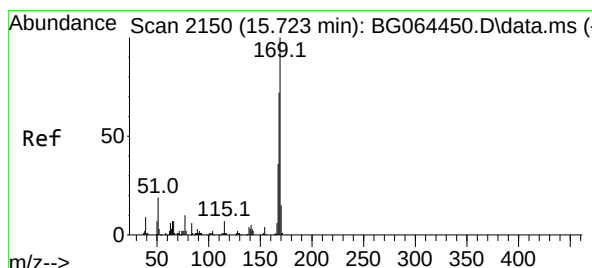
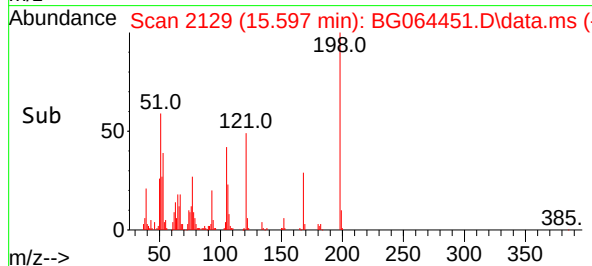
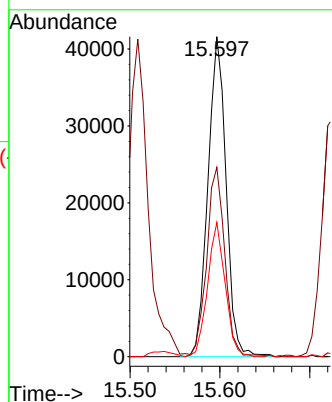
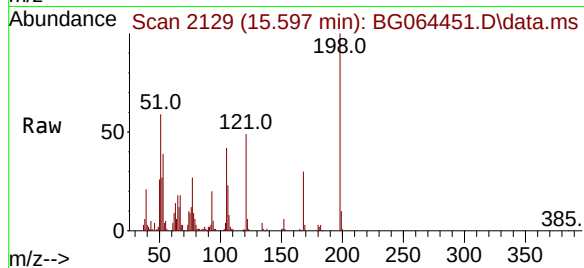
#65
4,6-Dinitro-2-methylphenol
Concen: 61.957 ng
RT: 15.597 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 5844
Ion Ratio Lower Upper
198 100
51 59.2 30.8 70.8
105 42.0 19.3 59.3

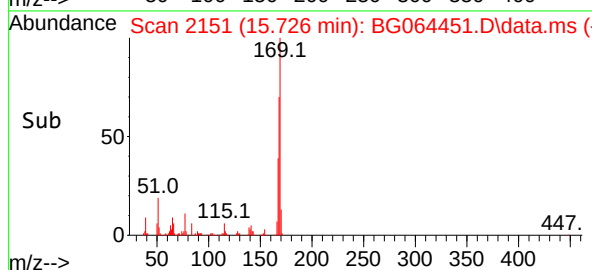
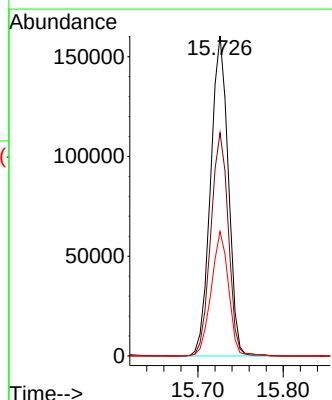
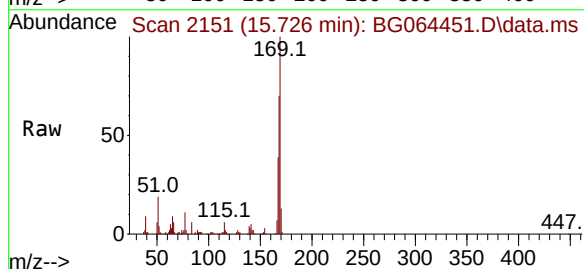
Manual Integrations
APPROVED

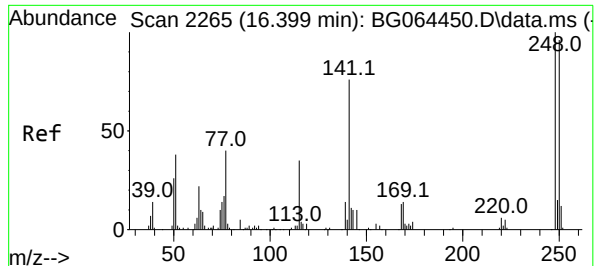
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 62.818 ng
RT: 15.726 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

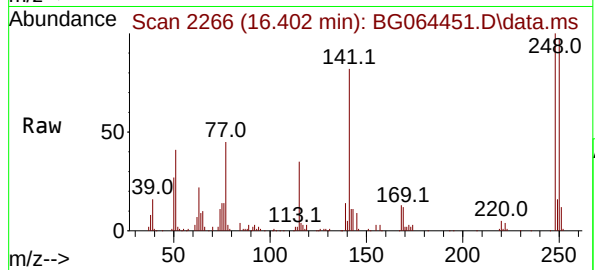
Tgt Ion:169 Resp: 230825
Ion Ratio Lower Upper
169 100
168 69.7 57.7 86.5
167 38.9 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 63.763 ng
RT: 16.402 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

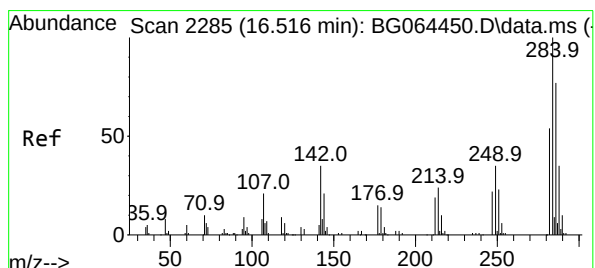
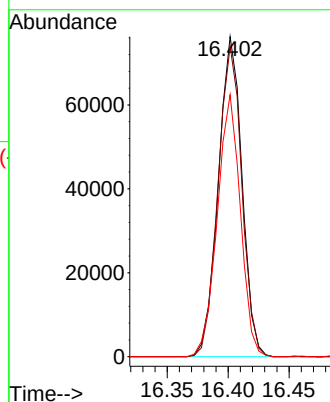
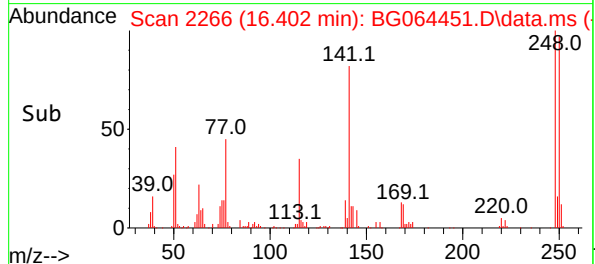
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



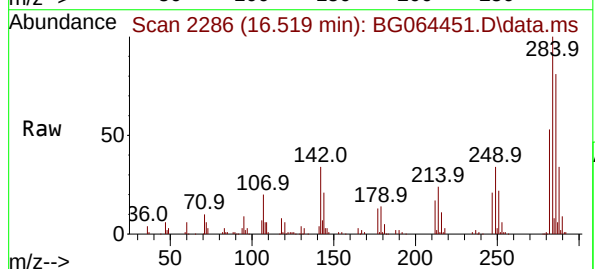
Tgt Ion:248 Resp: 102880
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.6
141 81.9 61.1 91.7

Manual Integrations
APPROVED

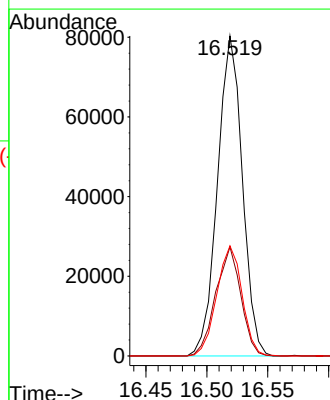
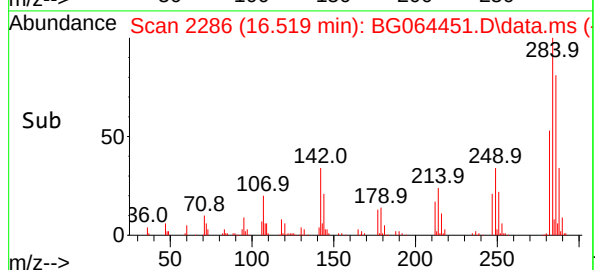
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

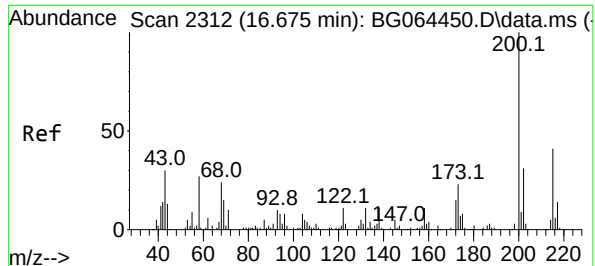


#68
Hexachlorobenzene
Concen: 62.102 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26



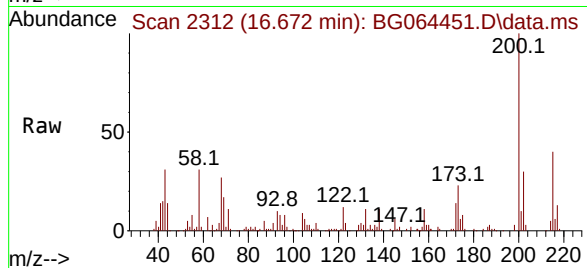
Tgt Ion:284 Resp: 114031
Ion Ratio Lower Upper
284 100
142 34.1 27.9 41.9
249 34.4 27.7 41.5





#69
 Atrazine
 Concen: 53.079 ng
 RT: 16.672 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064451.D
 Acq: 25 Sep 2025 19:26

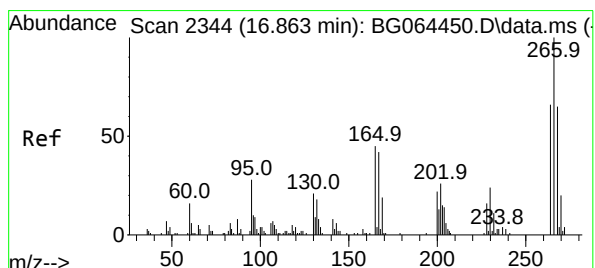
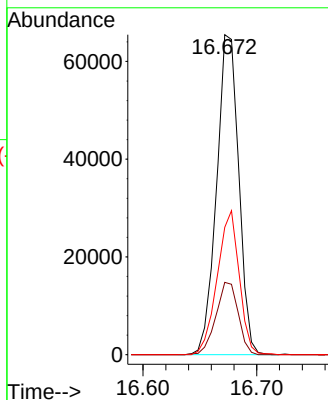
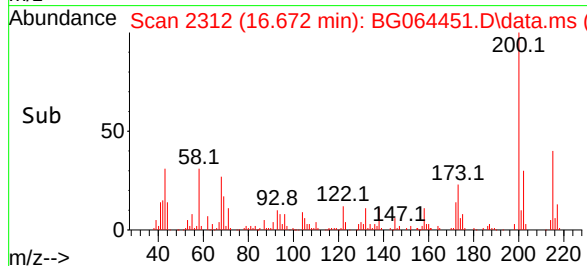
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060



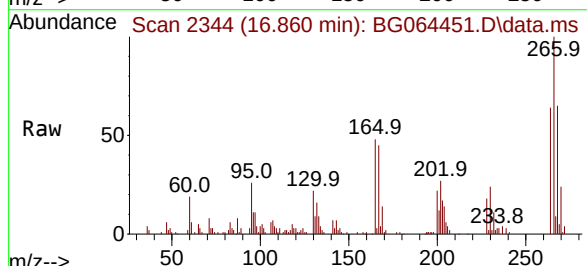
Tgt Ion:200 Resp: 88612
 Ion Ratio Lower Upper
 200 100
 173 22.6 2.9 42.9
 215 39.8 21.1 61.1

Manual Integrations
 APPROVED

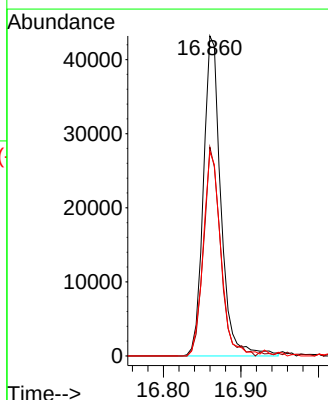
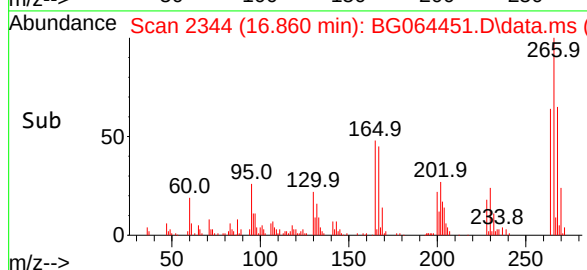
Reviewed By :Rahul Chavli 10/03/2025
 Supervised By :Jagrut Upadhyay 10/03/2025

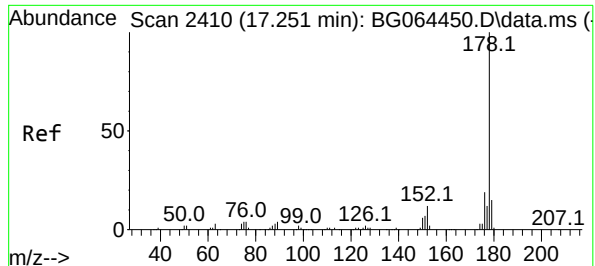


#70
 Pentachlorophenol
 Concen: 60.961 ng
 RT: 16.860 min Scan# 2344
 Delta R.T. -0.003 min
 Lab File: BG064451.D
 Acq: 25 Sep 2025 19:26



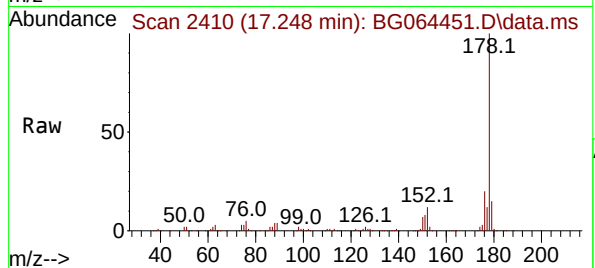
Tgt Ion:266 Resp: 67553
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.9 77.9
 264 63.8 52.4 78.6





#71
Phenanthrene
Concen: 59.571 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

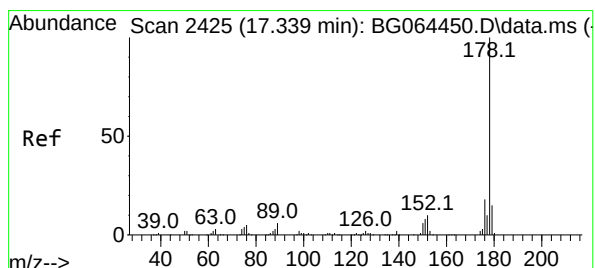
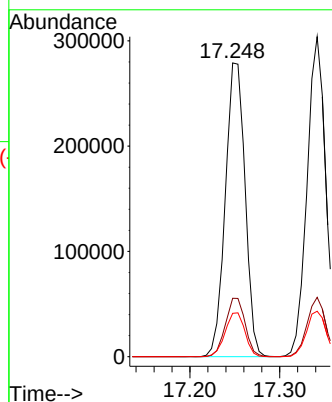
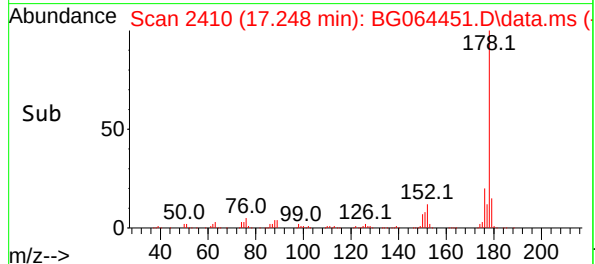
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 426372
Ion Ratio Lower Upper
178 100
176 19.9 14.9 22.3
179 14.8 12.4 18.6

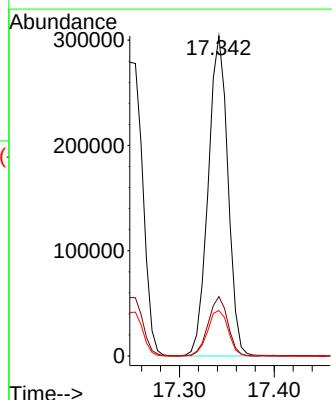
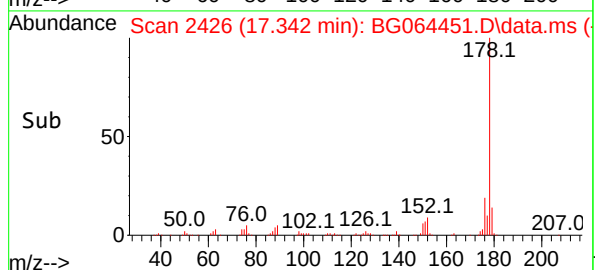
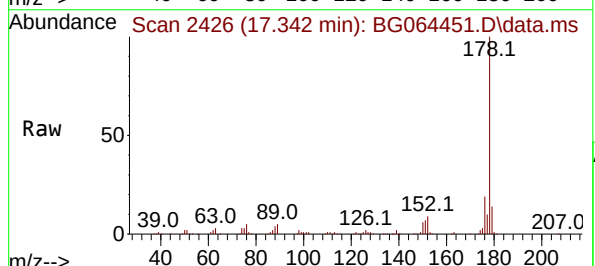
Manual Integrations
APPROVED

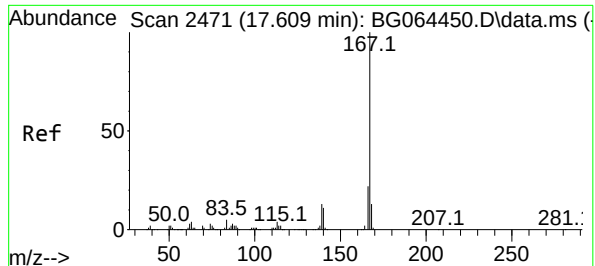
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 60.127 ng
RT: 17.342 min Scan# 2426
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

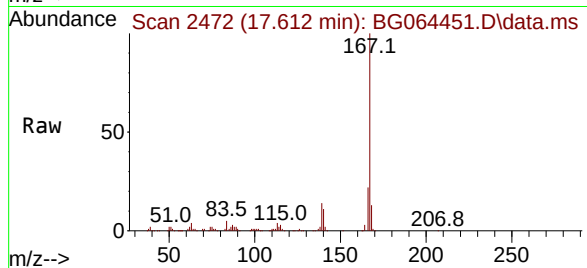
Tgt Ion:178 Resp: 438235
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 14.2 11.9 17.9





#73
Carbazole
Concen: 55.672 ng
RT: 17.612 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

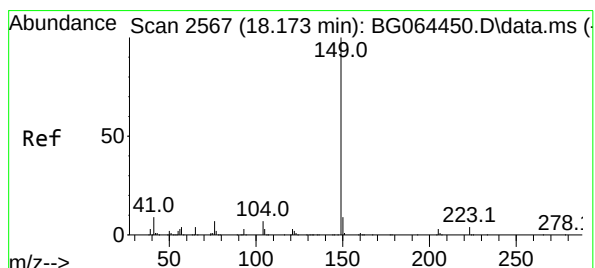
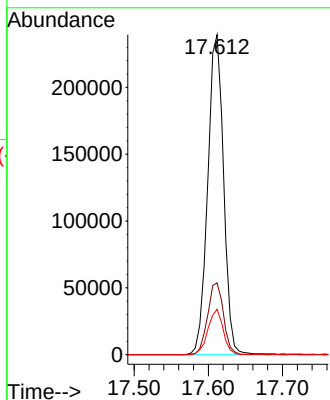
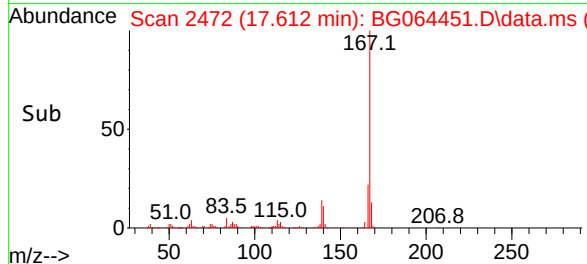
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 355970
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.2
139 14.2 10.2 15.2

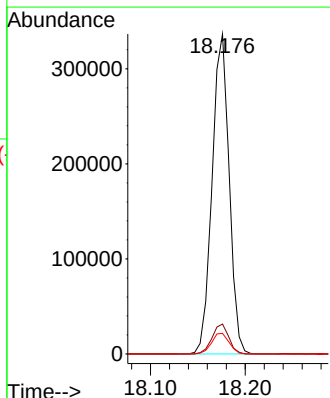
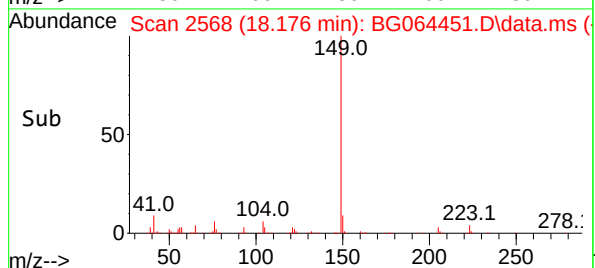
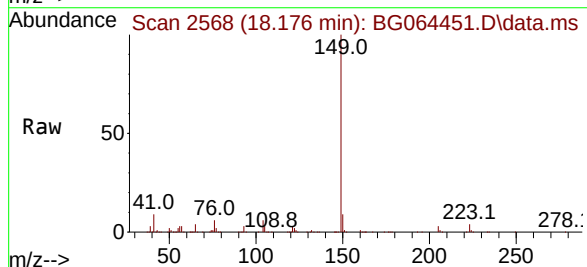
Manual Integrations
APPROVED

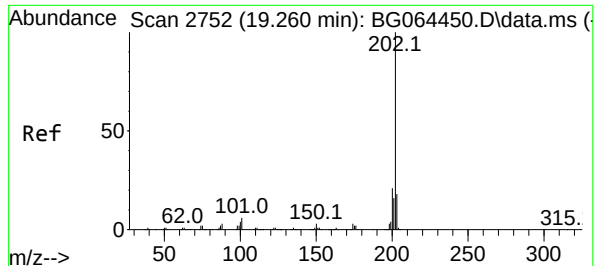
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#74
Di-n-butylphthalate
Concen: 53.640 ng
RT: 18.176 min Scan# 2568
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

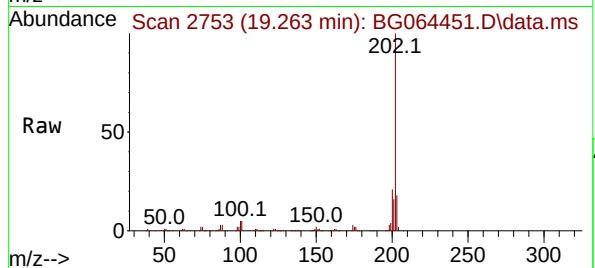
Tgt Ion:149 Resp: 419540
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 6.5 5.8 8.8





#75
Fluoranthene
Concen: 53.646 ng
RT: 19.263 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

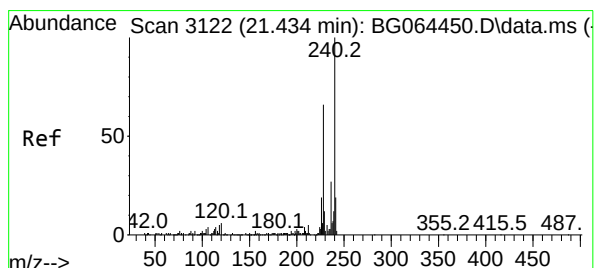
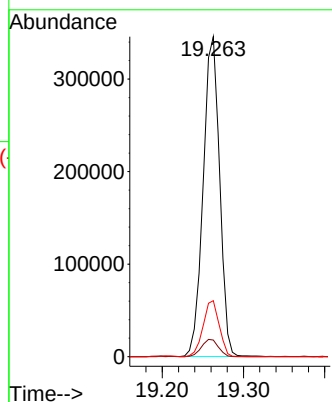
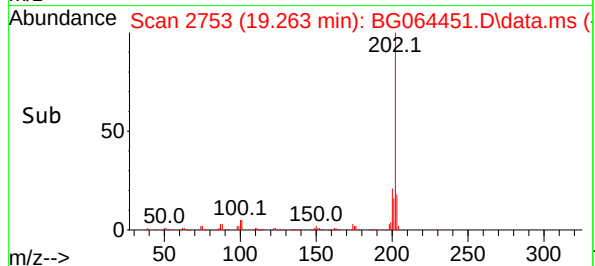
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 48486
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.6
203 17.5 0.0 37.7

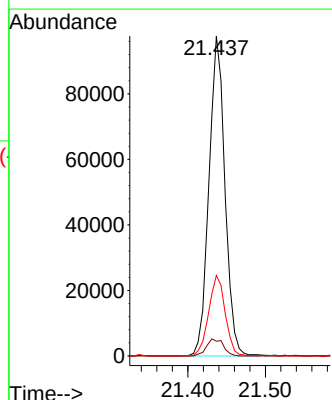
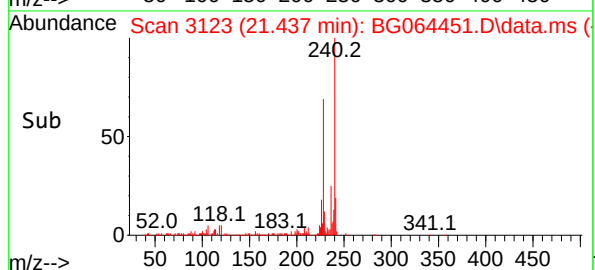
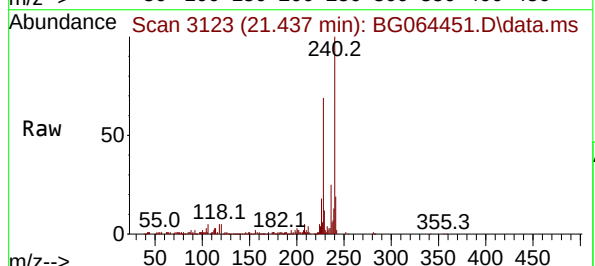
Manual Integrations
APPROVED

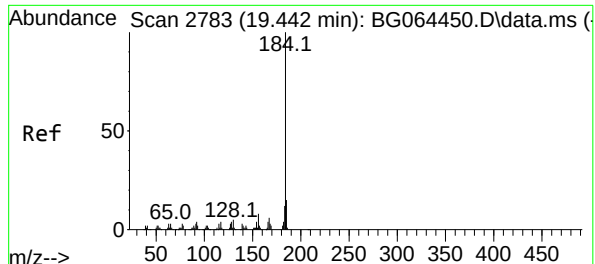
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:240 Resp: 139879
Ion Ratio Lower Upper
240 100
120 4.6 5.0 7.4#
236 25.2 21.9 32.9





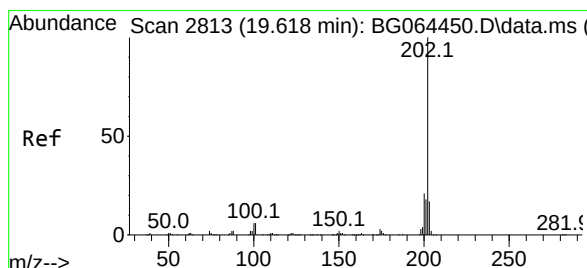
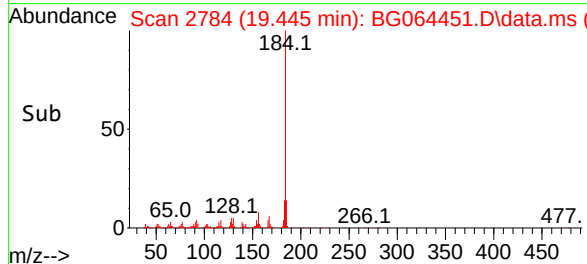
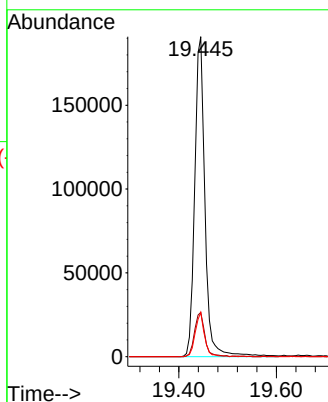
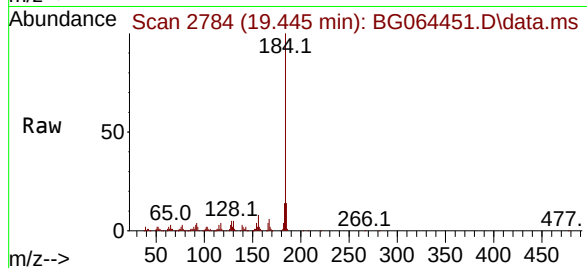
#77
Benzidine
Concen: 76.574 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 28044
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 13.9 10.0 15.0

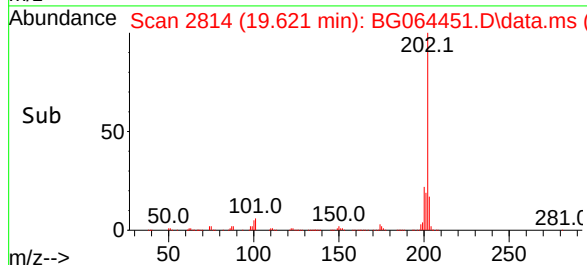
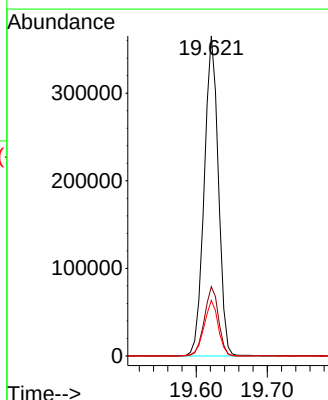
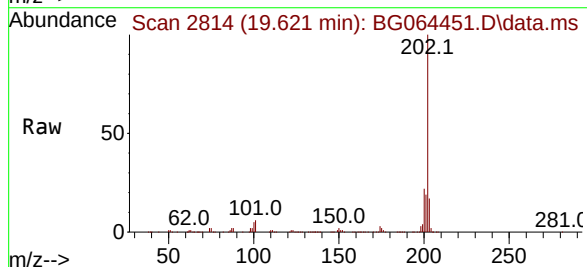
Manual Integrations
APPROVED

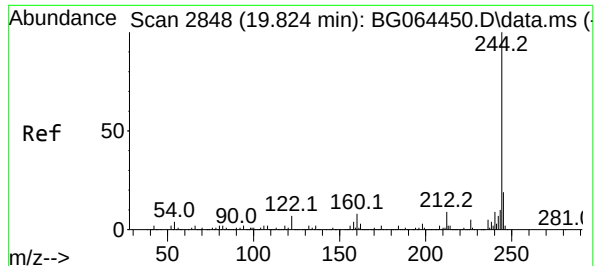
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 58.247 ng
RT: 19.621 min Scan# 2814
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

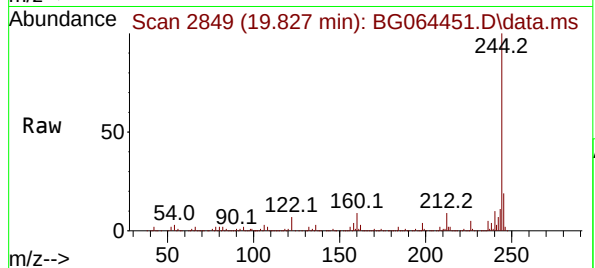
Tgt Ion:202 Resp: 505545
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 17.3 13.8 20.6





#79
Terphenyl-d14
Concen: 116.986 ng
RT: 19.827 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

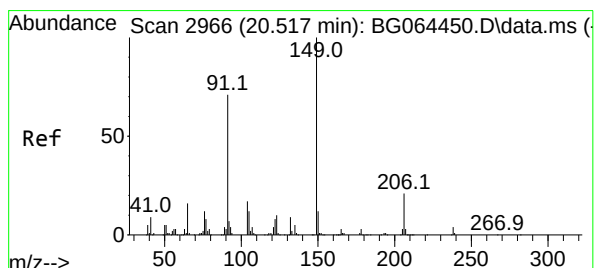
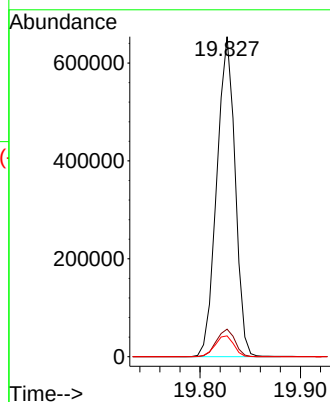
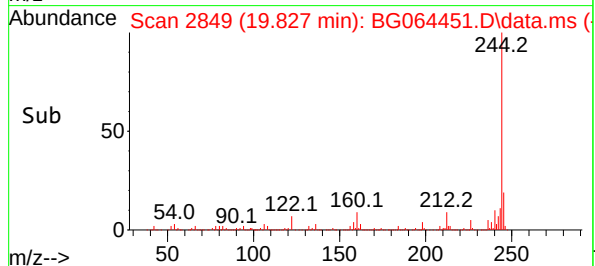
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 830114
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 6.5 5.7 8.5

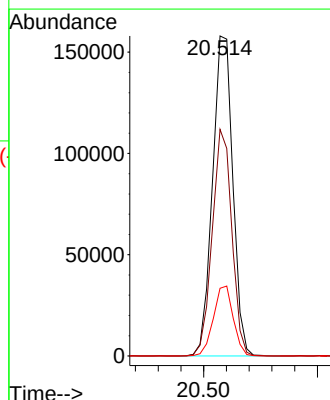
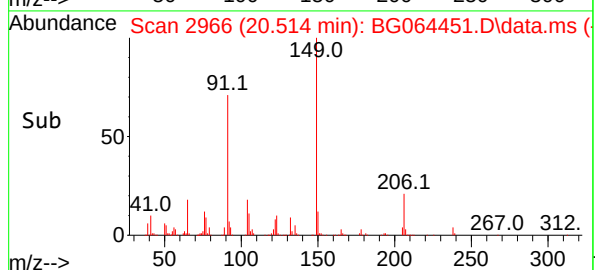
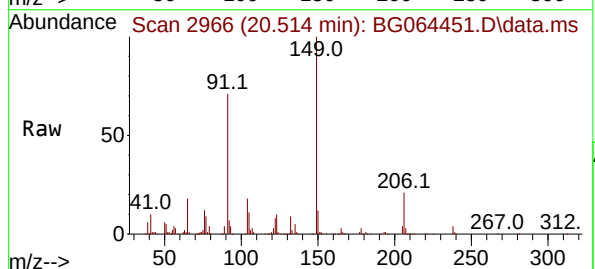
Manual Integrations
APPROVED

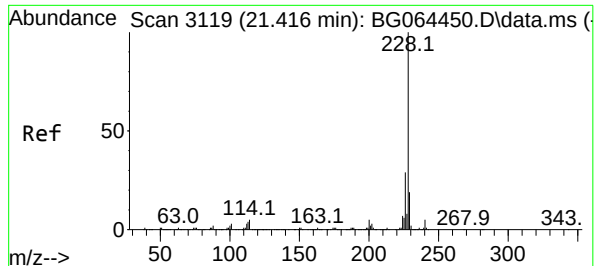
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 60.349 ng
RT: 20.514 min Scan# 2966
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

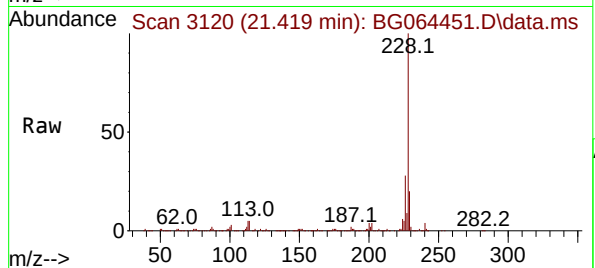
Tgt Ion:149 Resp: 195778
Ion Ratio Lower Upper
149 100
91 70.8 56.6 84.8
206 21.1 16.8 25.2





#81
Benzo(a)anthracene
Concen: 60.505 ng
RT: 21.419 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

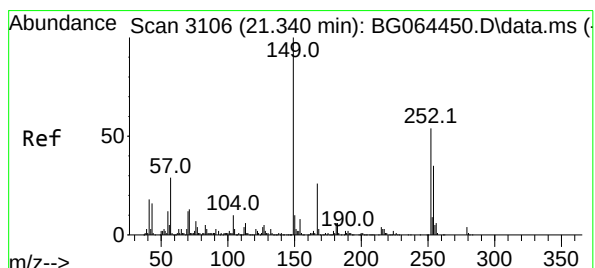
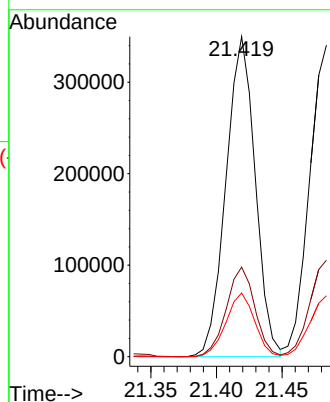
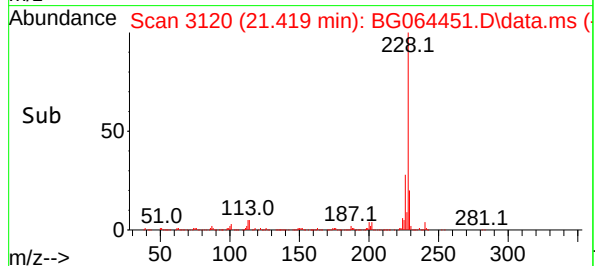
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 54189
Ion Ratio Lower Upper
228 100
226 28.0 23.0 34.6
229 19.9 15.1 22.7

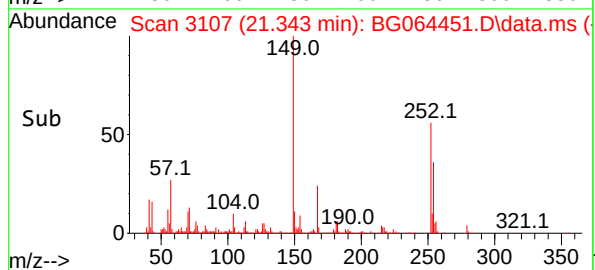
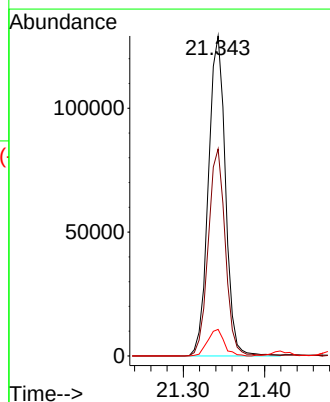
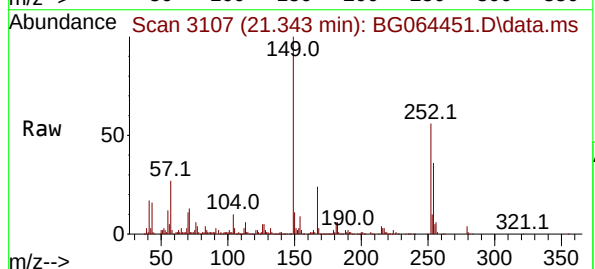
Manual Integrations
APPROVED

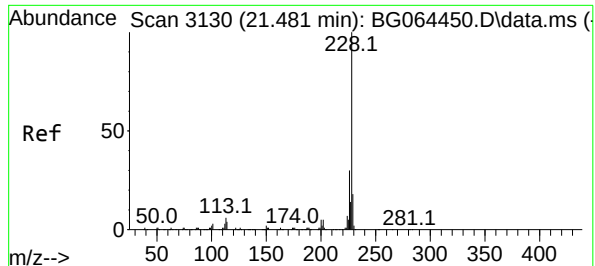
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 61.031 ng
RT: 21.343 min Scan# 3107
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:252 Resp: 187985
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 8.3 5.9 8.9





#83

Chrysene

Concen: 59.226 ng

RT: 21.484 min Scan# 3130

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 502350

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.4

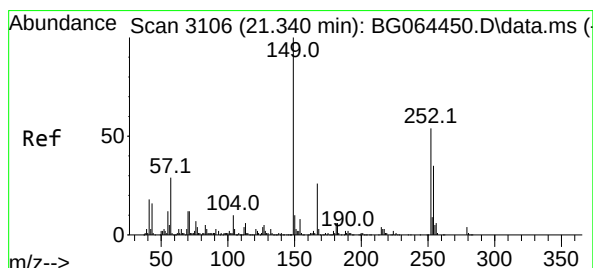
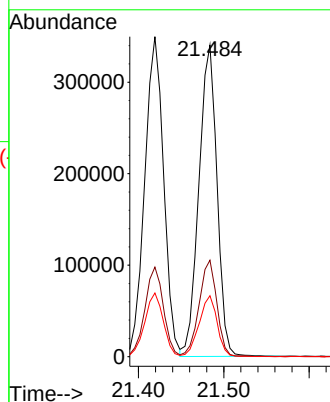
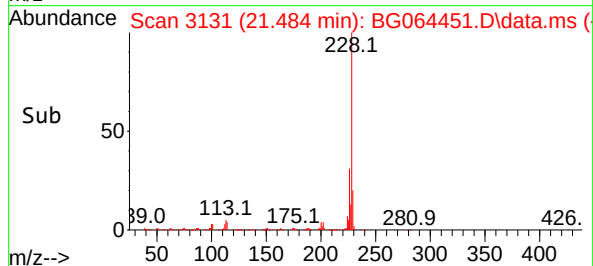
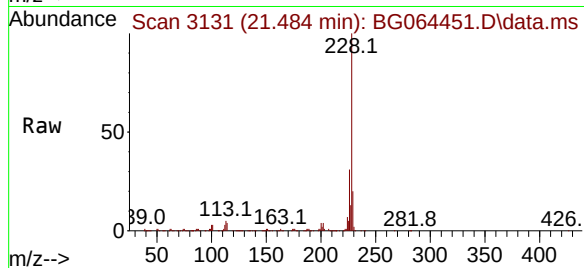
229 19.6 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.925 ng

RT: 21.343 min Scan# 3107

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

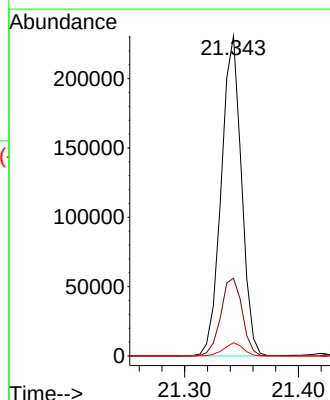
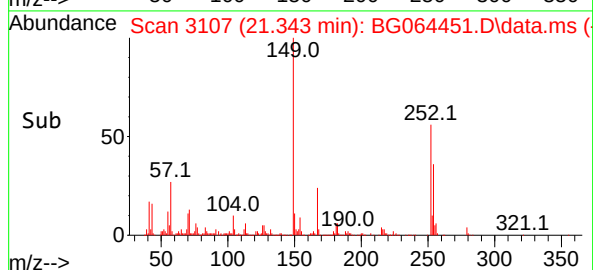
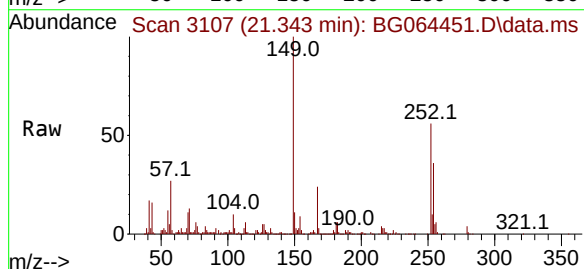
Tgt Ion:149 Resp: 284715

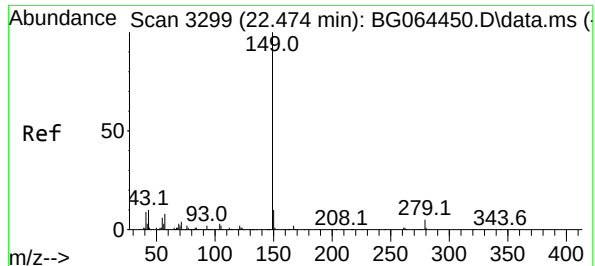
Ion Ratio Lower Upper

149 100

167 24.3 20.6 31.0

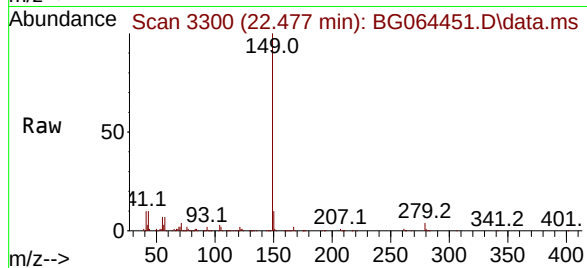
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 60.523 ng
RT: 22.477 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

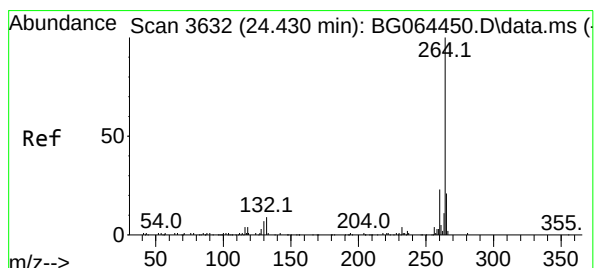
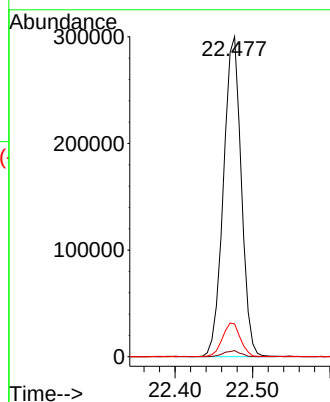
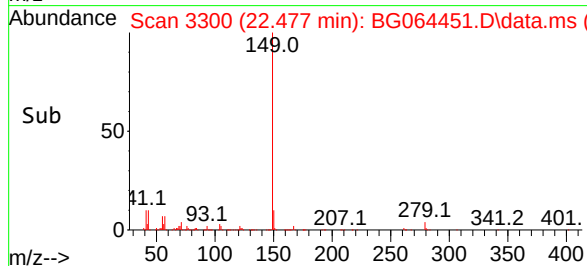
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 48078
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.7 8.8 13.2

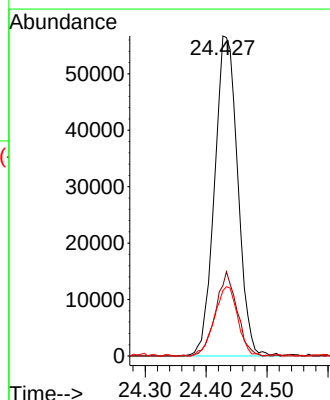
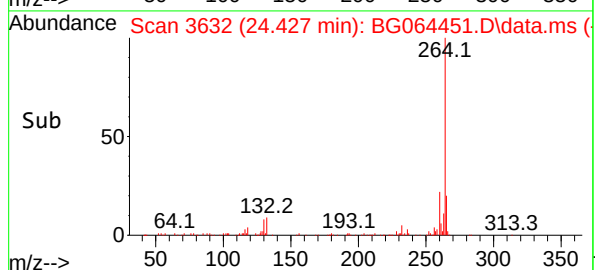
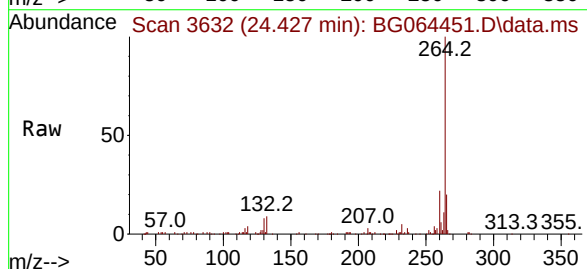
Manual Integrations
APPROVED

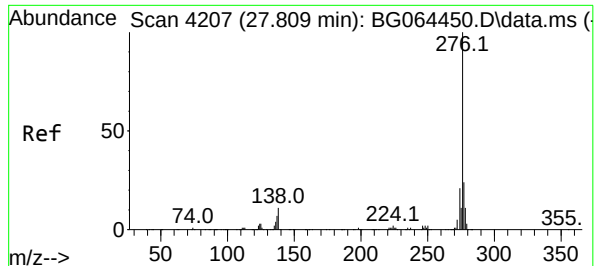
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.427 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

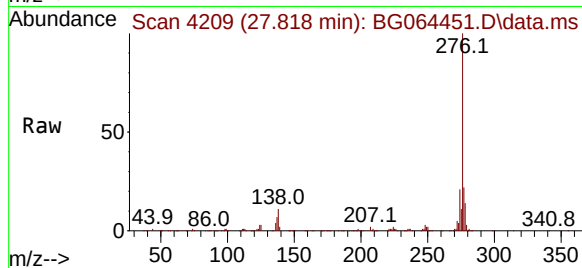
Tgt Ion:264 Resp: 149806
Ion Ratio Lower Upper
264 100
260 22.0 18.6 27.8
265 20.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 60.823 ng
RT: 27.818 min Scan# 4209
Delta R.T. 0.009 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

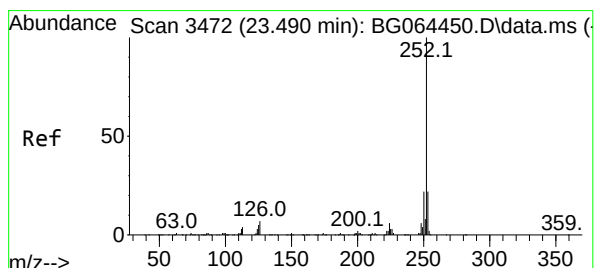
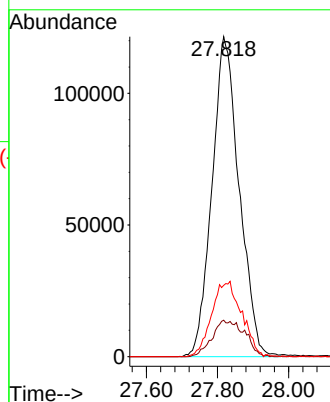
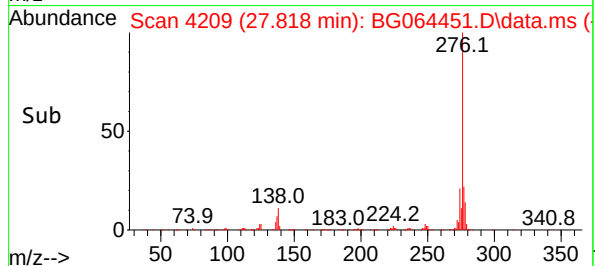
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 643978
Ion Ratio Lower Upper
276 100
138 13.6 10.3 15.5
277 25.9 19.2 28.8

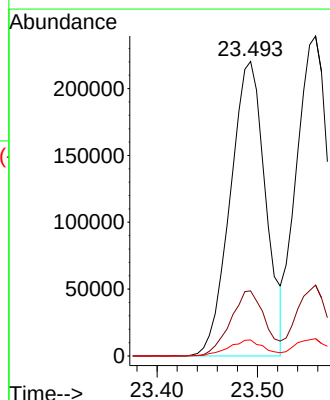
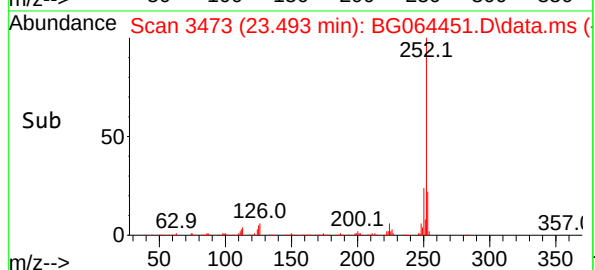
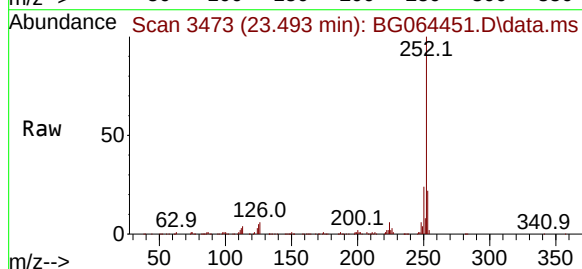
Manual Integrations
APPROVED

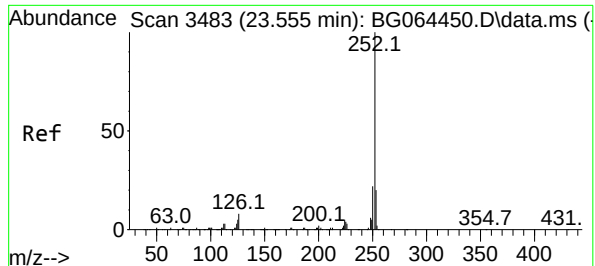
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 62.702 ng
RT: 23.493 min Scan# 3473
Delta R.T. 0.003 min
Lab File: BG064451.D
Acq: 25 Sep 2025 19:26

Tgt Ion:252 Resp: 538468
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 60.993 ng

RT: 23.558 min Scan# 34

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

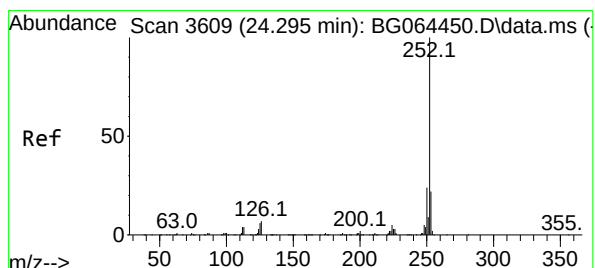
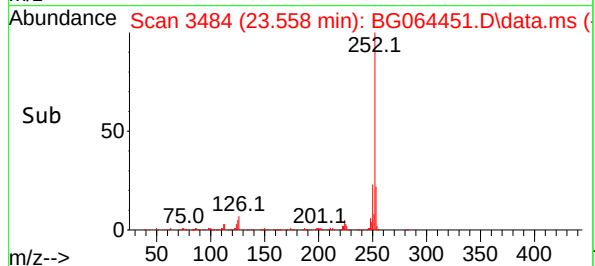
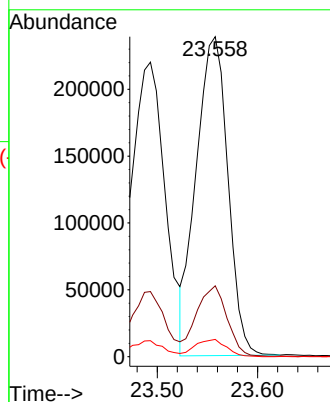
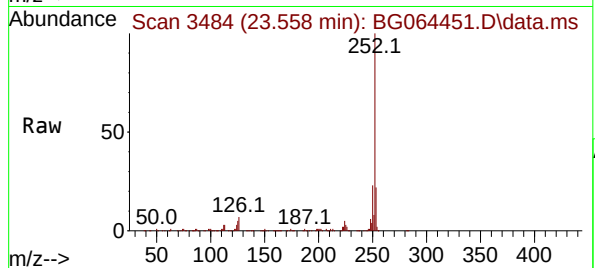
SSTDICC060

Tgt Ion:252 Resp: 524290
Ion Ratio Lower Upper
252 100
253 22.2 16.6 24.8
125 5.4 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 61.549 ng

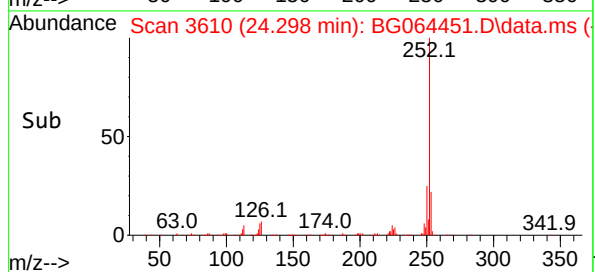
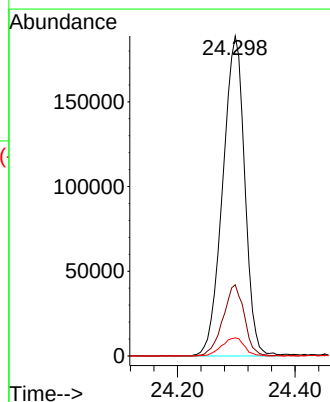
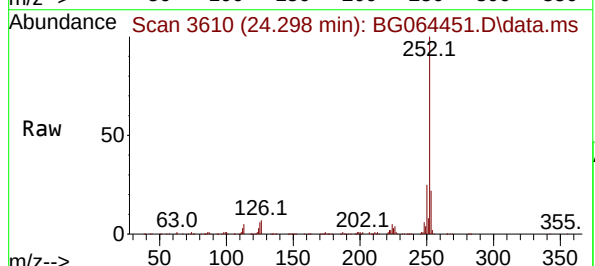
RT: 24.298 min Scan# 3610

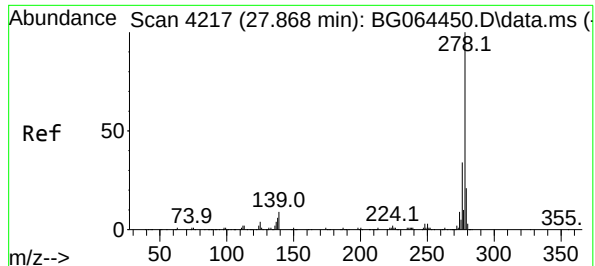
Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Tgt Ion:252 Resp: 489632
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 5.7 4.6 7.0





#91

Dibenzo(a,h)anthracene

Concen: 60.820 ng

RT: 27.870 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 522034

Ion Ratio Lower Upper

278 100

139 7.5 6.9 10.3

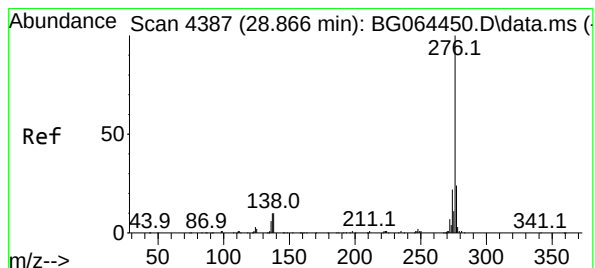
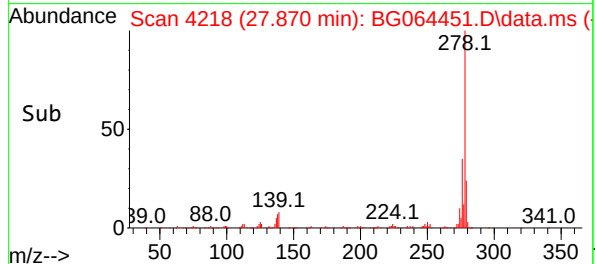
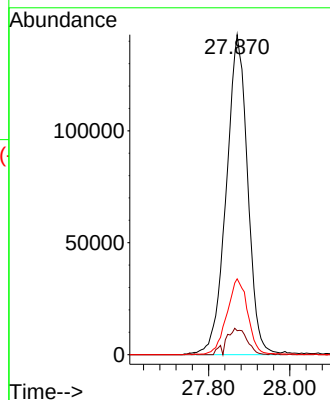
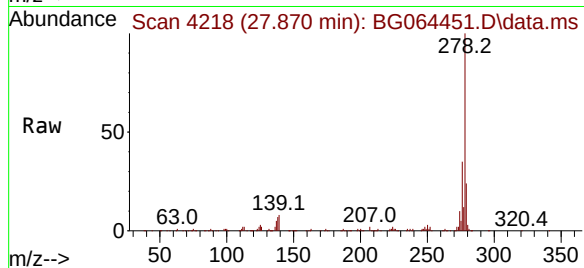
279 23.7 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#92

Benzo(g,h,i)perylene

Concen: 61.149 ng

RT: 28.875 min Scan# 4389

Delta R.T. 0.009 min

Lab File: BG064451.D

Acq: 25 Sep 2025 19:26

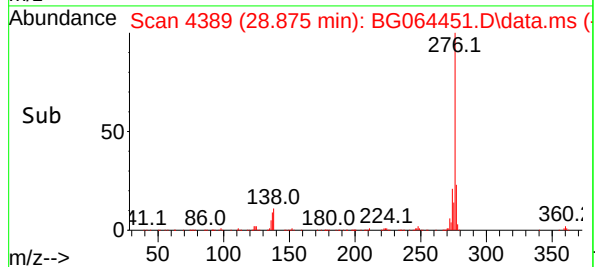
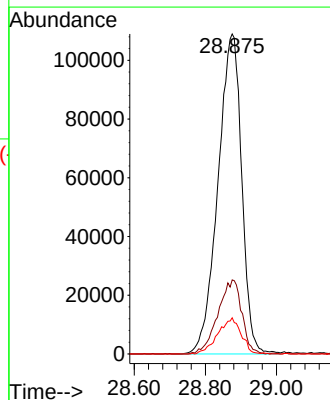
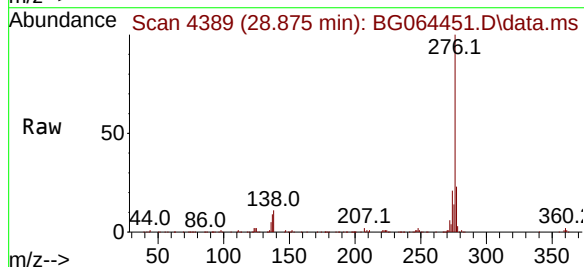
Tgt Ion:276 Resp: 504069

Ion Ratio Lower Upper

276 100

277 23.2 19.3 28.9

138 11.3 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 18:06:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.843	152	16360	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	69998	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	53506	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	126240	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	146232	20.000	ng	0.00
86) Perylene-d12	24.436	264	156297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	76234	89.046	ng	0.00
7) Phenol-d6	7.015	99	104282	88.911	ng	0.00
23) Nitrobenzene-d5	8.995	82	116047	89.848	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	78697	84.250	ng	0.00
45) 2-Fluorobiphenyl	13.090	172	309222	85.338	ng	0.00
79) Terphenyl-d14	19.823	244	612166	82.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	14029	39.050	ng	99
3) Pyridine	3.730	79	39133	40.404	ng	97
4) n-Nitrosodimethylamine	3.648	42	31474	42.542	ng	# 96
6) Aniline	7.168	93	66581	43.838	ng	97
8) 2-Chlorophenol	7.409	128	47005	43.886	ng	96
9) Benzaldehyde	6.980	77	69236	69.353	ng	91
10) Phenol	7.038	94	55124	43.407	ng	96
11) bis(2-Chloroethyl)ether	7.268	93	37715	44.230	ng	92
12) 1,3-Dichlorobenzene	7.732	146	52530	43.753	ng	95
13) 1,4-Dichlorobenzene	7.873	146	53183	43.365	ng	91
14) 1,2-Dichlorobenzene	8.190	146	52569	45.232	ng	94
15) Benzyl Alcohol	8.072	79	47170	42.683	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.360	45	61132	41.116	ng	97
17) 2-Methylphenol	8.284	107	39244	42.777	ng	94
18) Hexachloroethane	8.913	117	20021	43.270	ng	94
19) n-Nitroso-di-n-propyla...	8.642	70	35926	45.317	ng	# 93
20) 3+4-Methylphenols	8.607	107	54063	41.921	ng	96
22) Acetophenone	8.654	105	72821	43.454	ng	# 93
24) Nitrobenzene	9.036	77	56054	44.460	ng	98
25) Isophorone	9.559	82	102879	43.048	ng	96
26) 2-Nitrophenol	9.741	139	28126	45.321	ng	97
27) 2,4-Dimethylphenol	9.806	122	44334	44.292	ng	93
28) bis(2-Chloroethoxy)met...	10.041	93	53573	43.392	ng	94
29) 2,4-Dichlorophenol	10.276	162	49172	42.684	ng	96
30) 1,2,4-Trichlorobenzene	10.493	180	53650	43.539	ng	97
31) Naphthalene	10.675	128	157276	43.038	ng	98
32) Benzoic acid	9.958	122	35974m	46.391	ng	
33) 4-Chloroaniline	10.781	127	59052	44.175	ng	96
34) Hexachlorobutadiene	10.963	225	45951	43.780	ng	92
35) Caprolactam	11.557	113	15586	41.004	ng	# 90
36) 4-Chloro-3-methylphenol	11.915	107	58602	42.917	ng	# 87
37) 2-Methylnaphthalene	12.285	142	121011	43.854	ng	98
38) 1-Methylnaphthalene	12.508	142	116879	43.108	ng	97
40) 1,2,4,5-Tetrachloroben...	12.655	216	73625	43.176	ng	99
41) Hexachlorocyclopentadiene	12.638	237	38124	42.097	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	47726	42.907	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 18:06:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 29 18:04:12 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	52262	43.074	ng	97
46) 1,1'-Biphenyl	13.302	154	163525	42.963	ng	98
47) 2-Chloronaphthalene	13.337	162	121681	42.063	ng	97
48) 2-Nitroaniline	13.543	65	43340	43.591	ng	92
49) Acenaphthylene	14.183	152	181257	42.205	ng	98
50) Dimethylphthalate	13.924	163	169499	41.467	ng	99
51) 2,6-Dinitrotoluene	14.042	165	35401	41.233	ng	89
52) Acenaphthene	14.530	154	124969	42.520	ng	97
53) 3-Nitroaniline	14.371	138	34384	42.264	ng	# 93
54) 2,4-Dinitrophenol	14.577	184	23261	40.795	ng	94
55) Dibenzofuran	14.864	168	202428	41.540	ng	98
56) 4-Nitrophenol	14.682	139	27745	42.132	ng	97
57) 2,4-Dinitrotoluene	14.829	165	55855	42.615	ng	97
58) Fluorene	15.511	166	169479	42.130	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	51232	42.332	ng	# 97
60) Diethylphthalate	15.288	149	180626	41.011	ng	98
61) 4-Chlorophenyl-phenyle...	15.505	204	89062	40.544	ng	94
62) 4-Nitroaniline	15.534	138	37290	42.747	ng	97
63) Azobenzene	15.799	77	145221	42.137	ng	97
65) 4,6-Dinitro-2-methylph...	15.593	198	38925	45.013	ng	96
66) n-Nitrosodiphenylamine	15.722	169	144534	42.905	ng	97
67) 4-Bromophenyl-phenylether	16.398	248	62470	42.233	ng	97
68) Hexachlorobenzene	16.515	284	71417	42.425	ng	97
69) Atrazine	16.674	200	64954	42.441	ng	98
70) Pentachlorophenol	16.862	266	45088	44.382	ng	97
71) Phenanthrene	17.250	178	282695	43.083	ng	99
72) Anthracene	17.338	178	284960	42.647	ng	99
73) Carbazole	17.608	167	251365	42.881	ng	99
74) Di-n-butylphthalate	18.172	149	307603	42.899	ng	99
75) Fluoranthene	19.259	202	354667	42.804	ng	99
77) Benzidine	19.441	184	168308	43.960	ng	99
78) Pyrene	19.624	202	372147	41.014	ng	100
80) Butylbenzylphthalate	20.517	149	140223	41.346	ng	99
81) Benzo(a)anthracene	21.416	228	396961	42.397	ng	96
82) 3,3'-Dichlorobenzidine	21.339	252	137811	42.798	ng	97
83) Chrysene	21.480	228	368588	41.568	ng	98
84) Bis(2-ethylhexyl)phtha...	21.339	149	204628	41.885	ng	98
85) Di-n-octyl phthalate	22.473	149	347545	41.850	ng	99
87) Indeno(1,2,3-cd)pyrene	27.814	276	466705	42.249	ng	# 96
88) Benzo(b)fluoranthene	23.490	252	382245	42.662	ng	98
89) Benzo(k)fluoranthene	23.554	252	383443	42.775	ng	96
90) Benzo(a)pyrene	24.295	252	351441	42.343	ng	99
91) Dibenzo(a,h)anthracene	27.861	278	378600	42.277	ng	93
92) Benzo(g,h,i)perylene	28.866	276	362608	42.161	ng	98

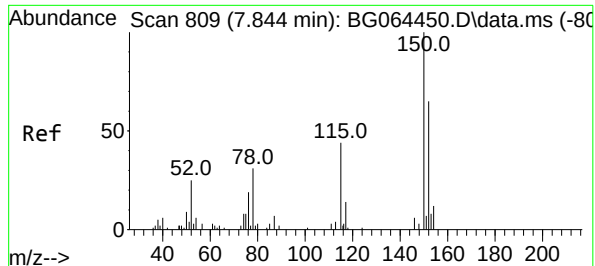
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Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Manual Integrations

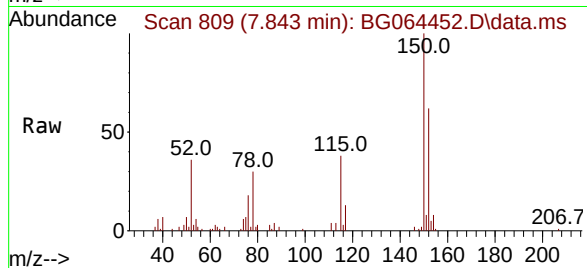
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.843 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

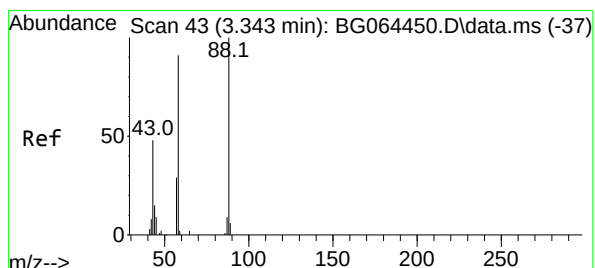
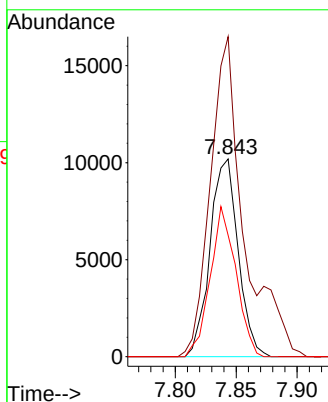
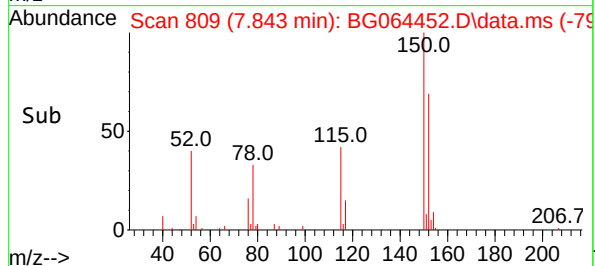
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 152 Resp: 16360
Ion Ratio Lower Upper
152 100
150 161.8 122.9 184.3
115 61.4 54.3 81.5

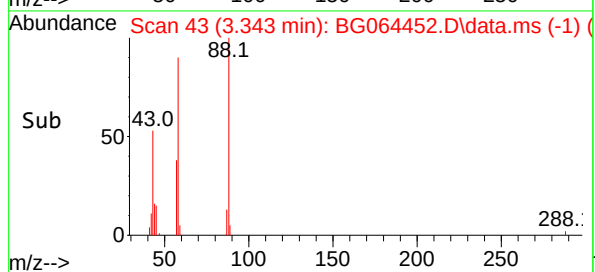
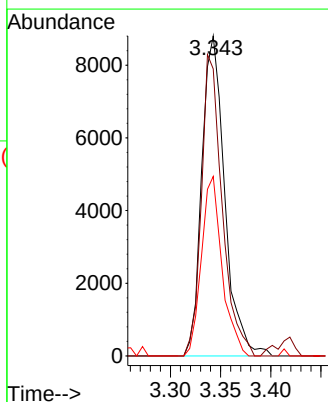
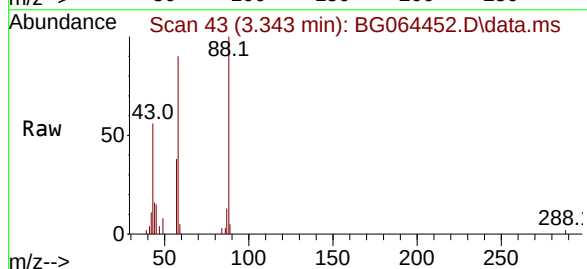
Manual Integrations
APPROVED

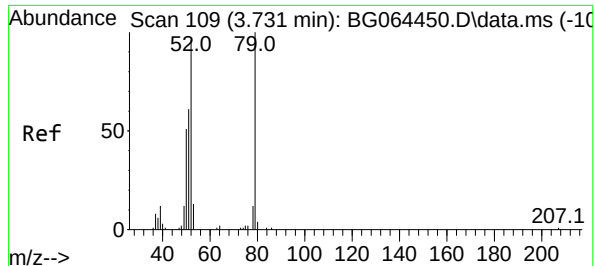
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#2
1,4-Dioxane
Concen: 39.050 ng
RT: 3.343 min Scan# 43
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

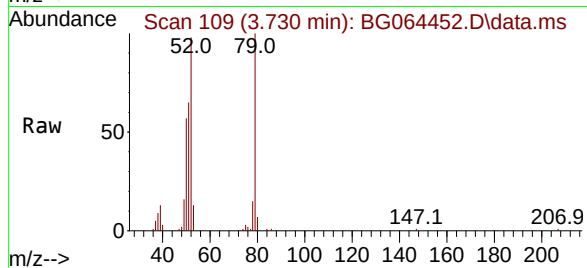
Tgt Ion: 88 Resp: 14029
Ion Ratio Lower Upper
88 100
58 85.4 67.9 101.9
43 50.6 39.4 59.2





#3
Pyridine
Concen: 40.404 ng
RT: 3.730 min Scan# 109
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

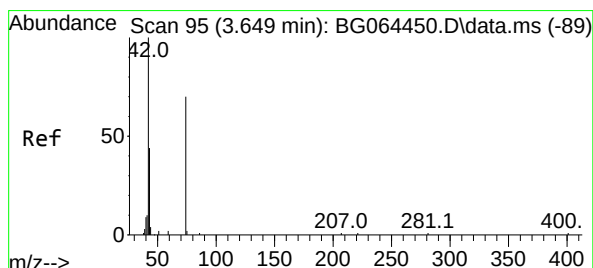
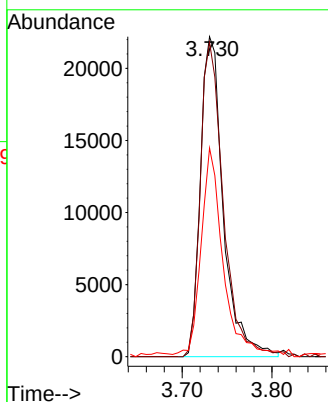
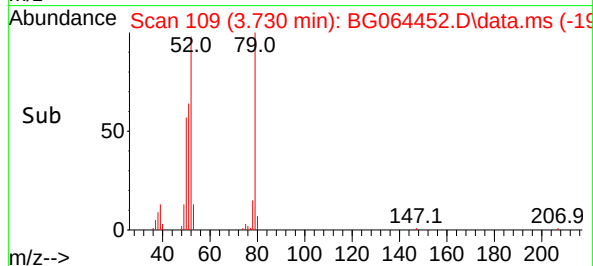
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 79 Resp: 3913
Ion Ratio Lower Upper
79 100
52 98.2 76.6 114.8
51 65.2 49.3 73.9

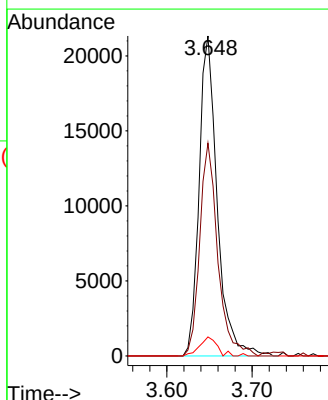
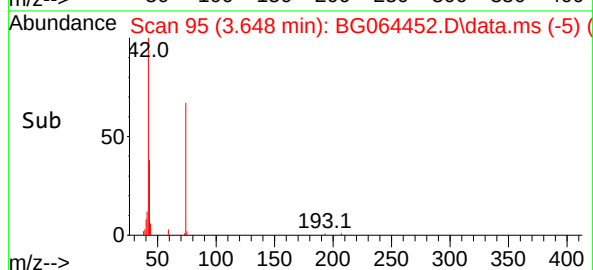
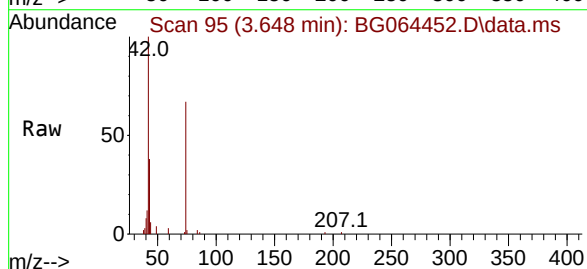
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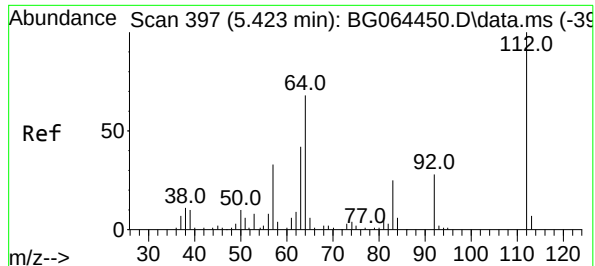
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#4
n-Nitrosodimethylamine
Concen: 42.542 ng
RT: 3.648 min Scan# 95
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 42 Resp: 31474
Ion Ratio Lower Upper
42 100
74 66.5 56.1 84.1
44 6.0 3.1 4.7#





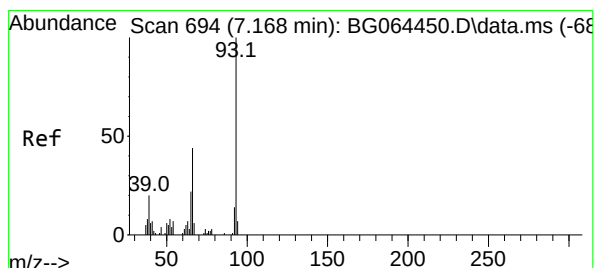
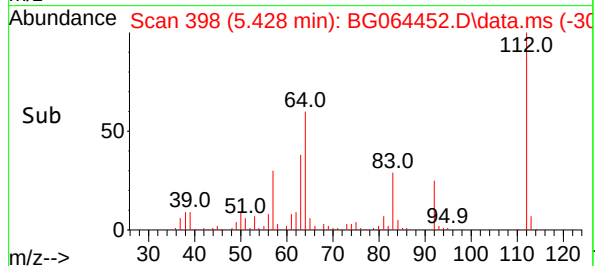
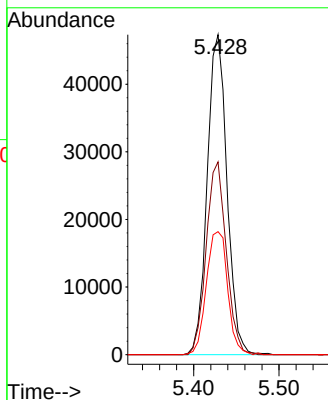
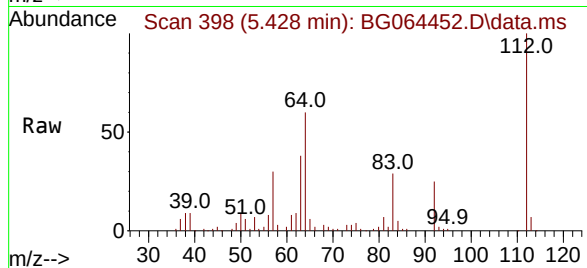
#5
2-Fluorophenol
Concen: 89.046 ng
RT: 5.428 min Scan# 397
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion:112 Resp: 76234
Ion Ratio Lower Upper
112 100
64 60.2 54.0 81.0
63 38.5 33.8 50.6

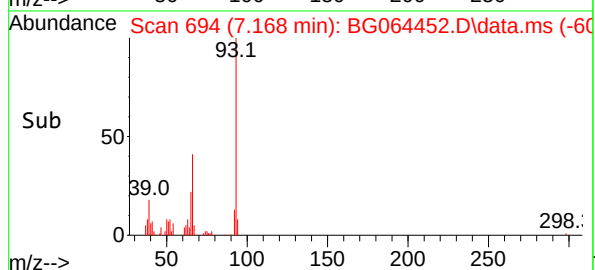
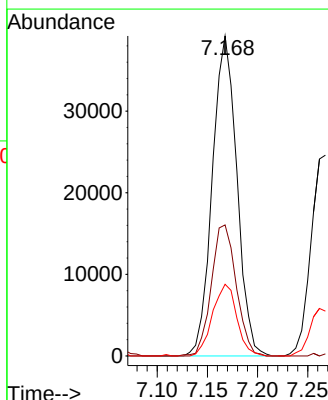
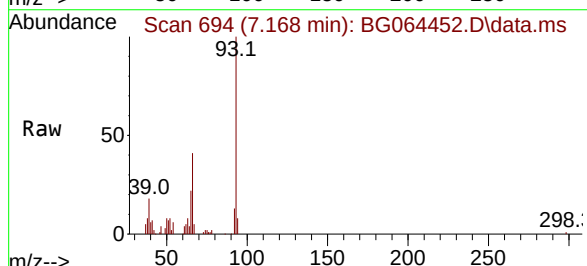
Manual Integrations
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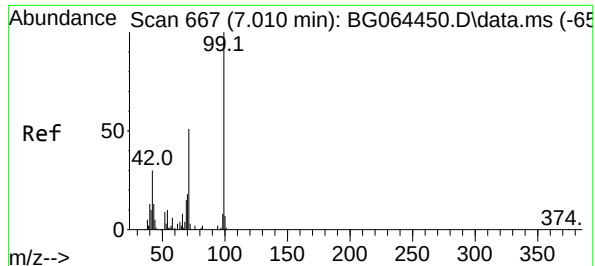
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#6
Aniline
Concen: 43.838 ng
RT: 7.168 min Scan# 694
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion: 93 Resp: 66581
Ion Ratio Lower Upper
93 100
66 41.0 34.9 52.3
65 22.4 17.3 25.9





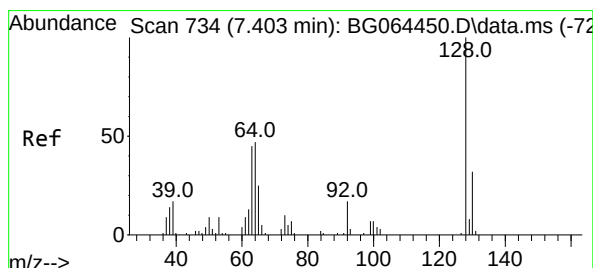
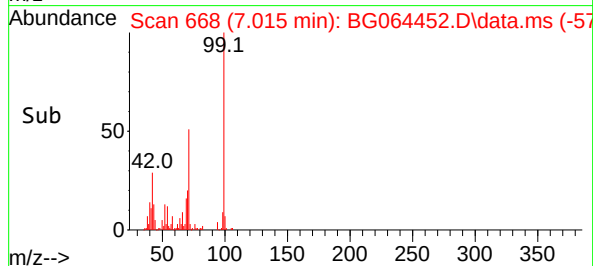
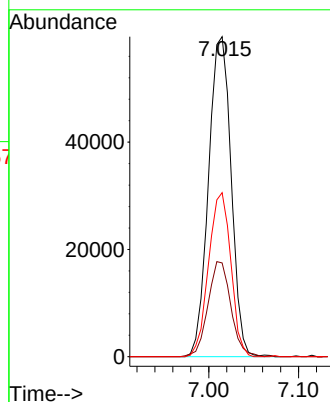
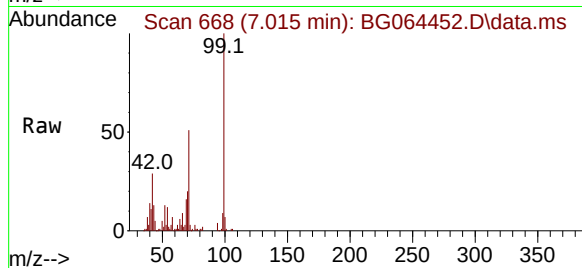
#7
Phenol-d6
Concen: 88.911 ng
RT: 7.015 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion: 99 Resp: 10428
Ion Ratio Lower Upper
99 100
42 29.3 24.0 36.0
71 51.3 40.5 60.7

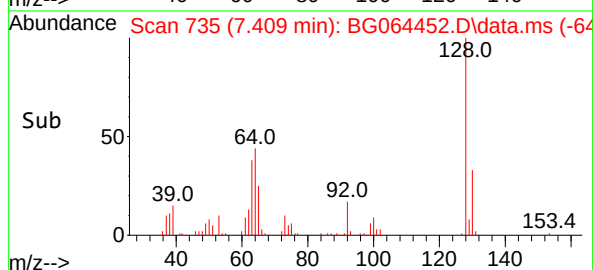
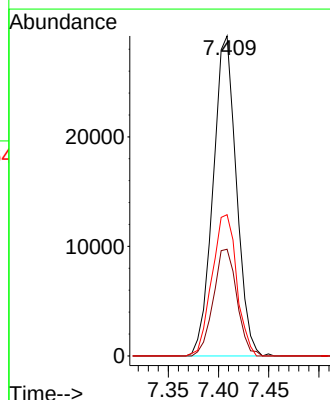
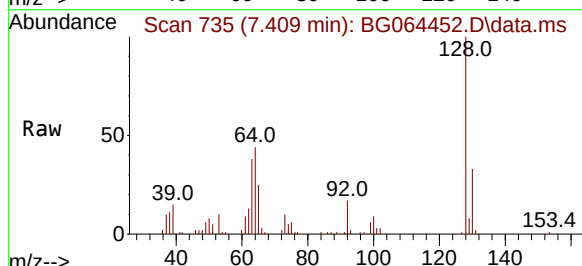
Manual Integrations
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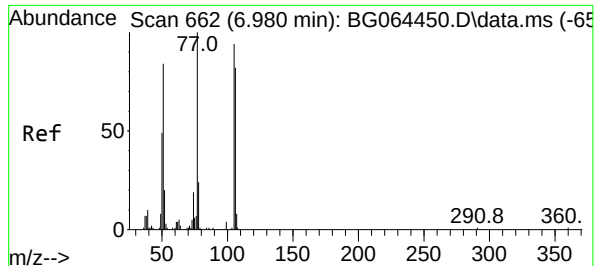
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#8
2-Chlorophenol
Concen: 43.886 ng
RT: 7.409 min Scan# 735
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

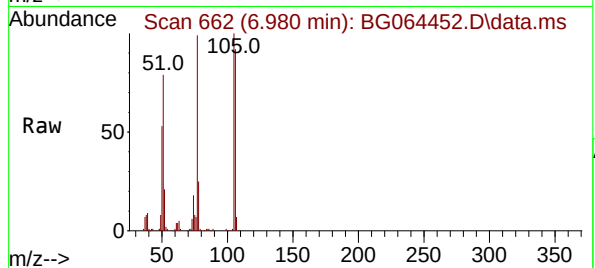
Tgt Ion:128 Resp: 47005
Ion Ratio Lower Upper
128 100
130 33.4 11.8 51.8
64 44.2 27.0 67.0





#9
Benzaldehyde
Concen: 69.353 ng
RT: 6.980 min Scan# 662
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

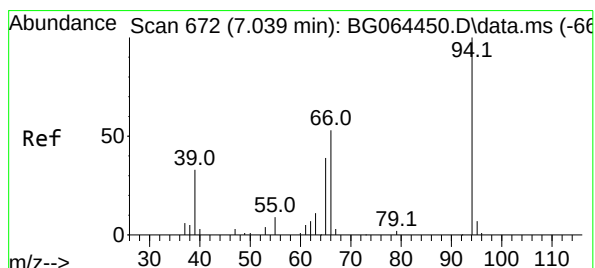
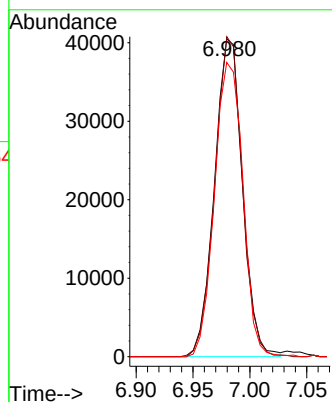
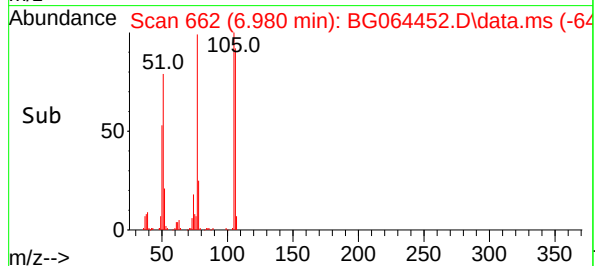
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 77 Resp: 69230
Ion Ratio Lower Upper
77 100
105 100.7 74.0 114.0
106 92.6 62.5 102.5

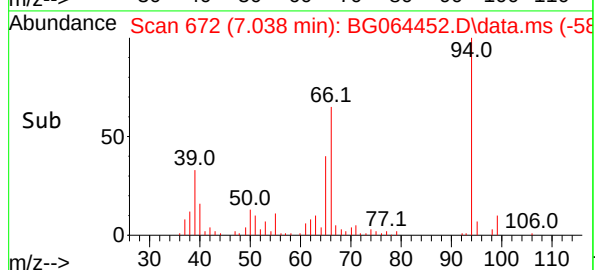
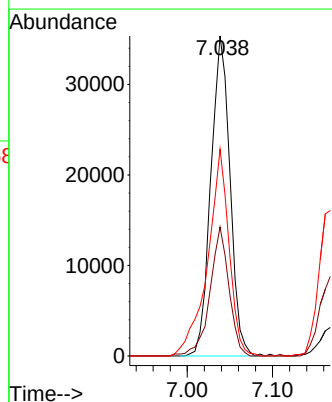
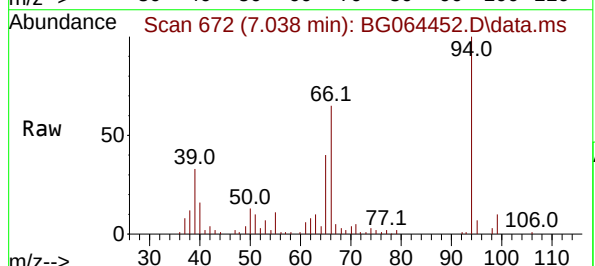
Manual Integrations
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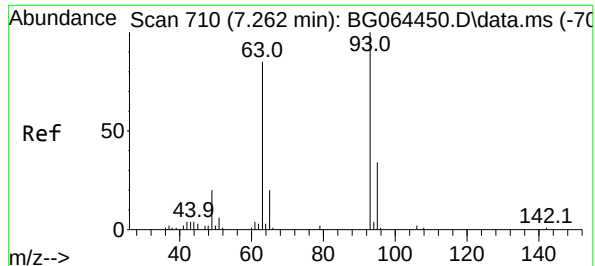
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#10
Phenol
Concen: 43.407 ng
RT: 7.038 min Scan# 672
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

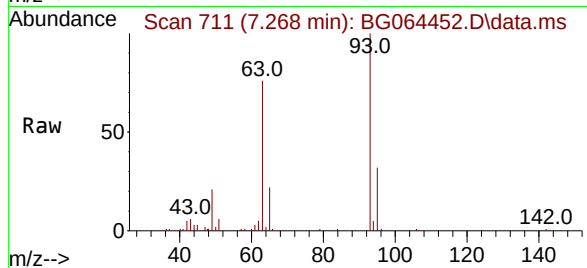
Tgt Ion: 94 Resp: 55124
Ion Ratio Lower Upper
94 100
65 40.3 21.1 61.1
66 64.7 39.7 79.7





#11
bis(2-Chloroethyl)ether
Concen: 44.230 ng
RT: 7.268 min Scan# 710
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

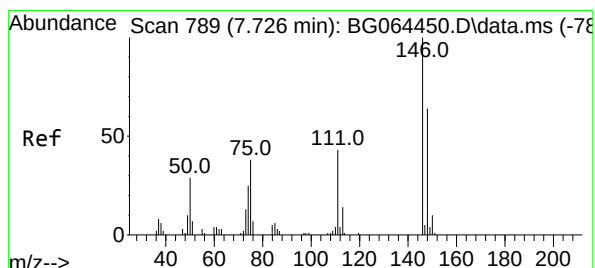
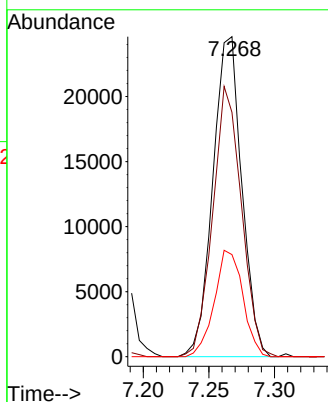
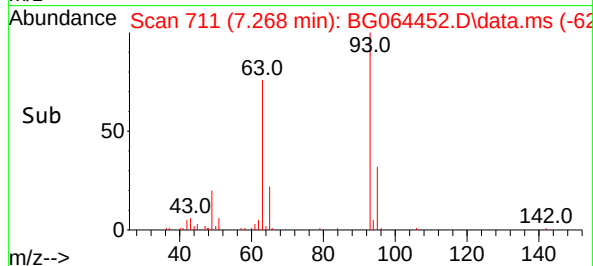
Instrument :
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ClientSampleId :
ICVBG092525



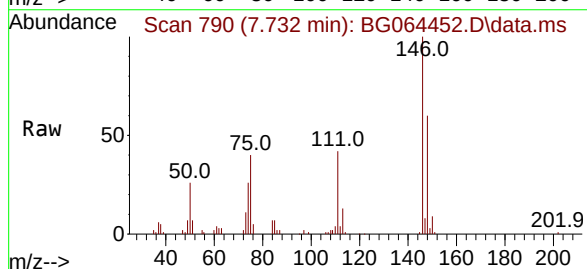
Tgt Ion: 93 Resp: 37715
Ion Ratio Lower Upper
93 100
63 76.4 65.3 105.3
95 31.9 13.7 53.7

Manual Integrations
APPROVED

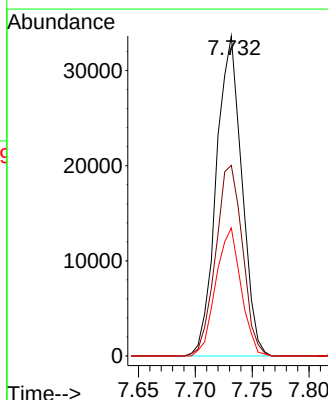
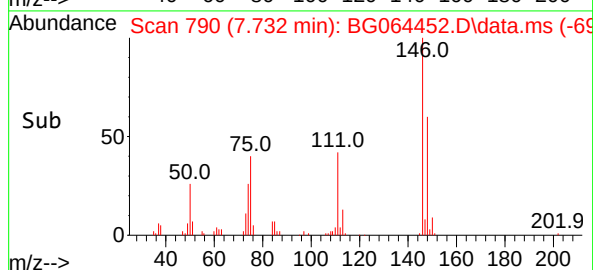
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

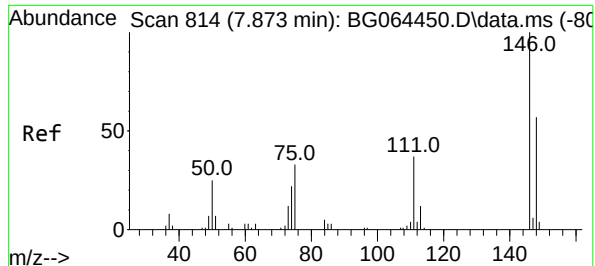


#12
1,3-Dichlorobenzene
Concen: 43.753 ng
RT: 7.732 min Scan# 790
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:146 Resp: 52530
Ion Ratio Lower Upper
146 100
148 59.6 51.0 76.4
75 40.0 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 43.365 ng

RT: 7.873 min Scan# 814

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:146 Resp: 5318

Ion Ratio Lower Upper

146 100

148 64.8 45.3 67.9

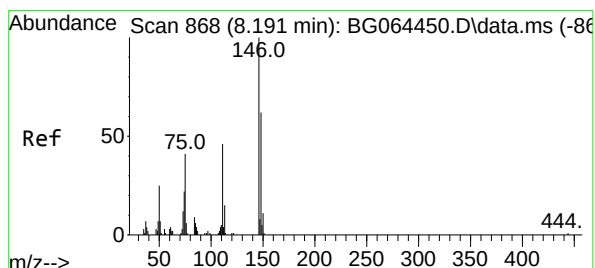
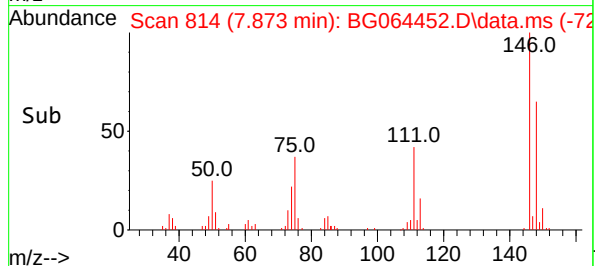
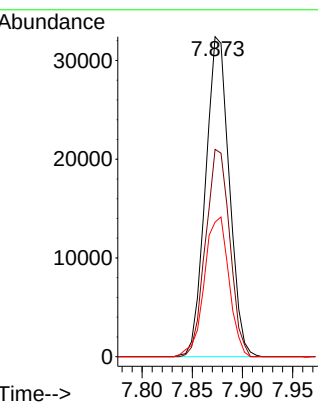
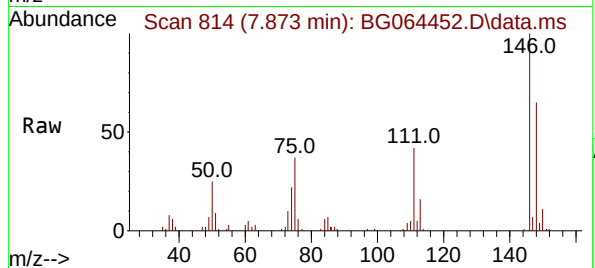
111 42.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#14

1,2-Dichlorobenzene

Concen: 45.232 ng

RT: 8.190 min Scan# 868

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

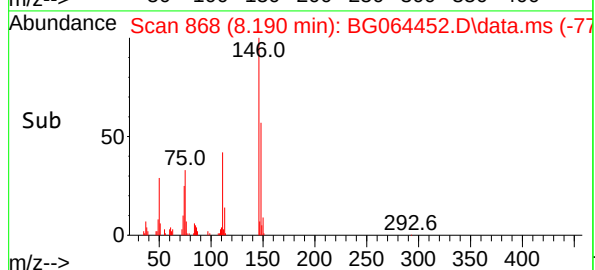
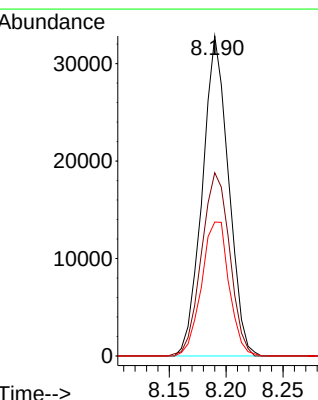
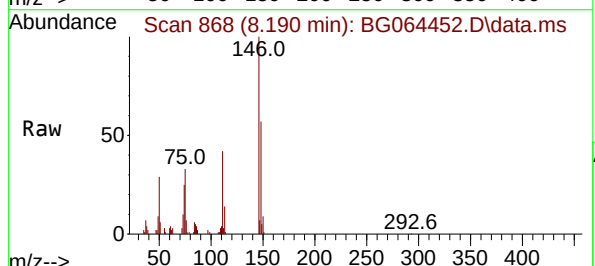
Tgt Ion:146 Resp: 52569

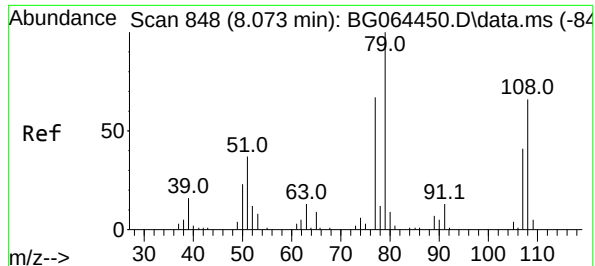
Ion Ratio Lower Upper

146 100

148 57.2 49.9 74.9

111 41.9 36.6 54.8





#15

Benzyl Alcohol

Concen: 42.683 ng

RT: 8.072 min Scan# 84

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

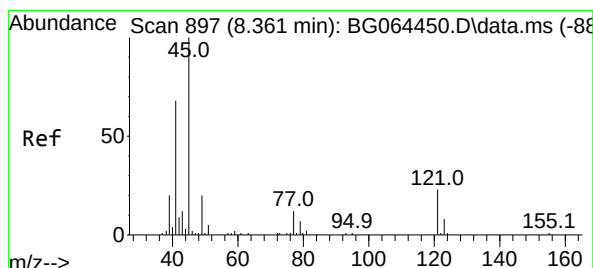
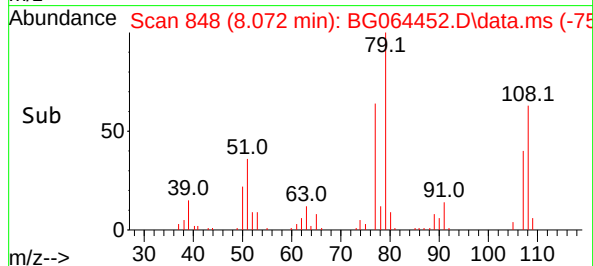
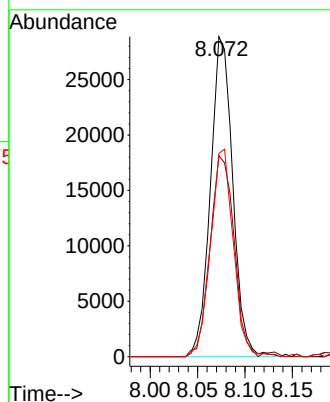
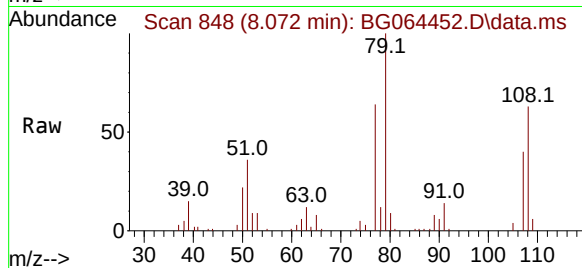
ICVBG092525

Tgt Ion:	79	Resp:	47170
Ion Ratio	Lower	Upper	
79	100		
108	62.8	53.0	79.6
77	63.5	53.6	80.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.116 ng

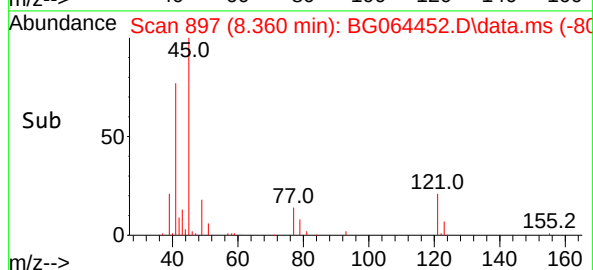
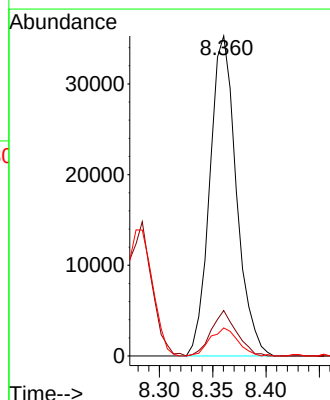
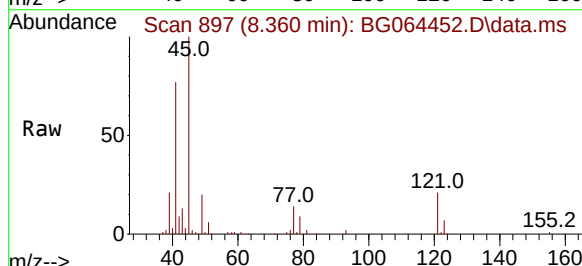
RT: 8.360 min Scan# 897

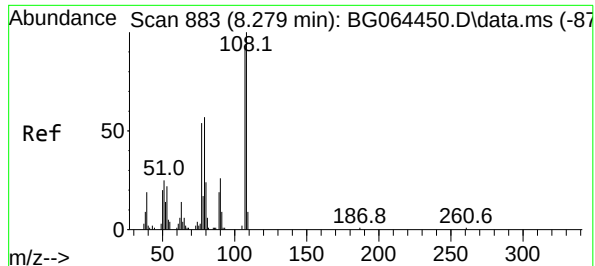
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:	45	Resp:	61132
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	32.8
79	8.7	0.0	28.0





#17

2-Methylphenol

Concen: 42.777 ng

RT: 8.284 min Scan# 884

Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

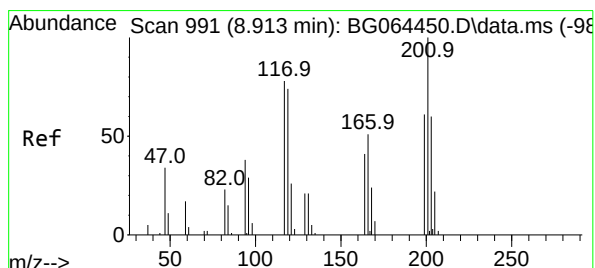
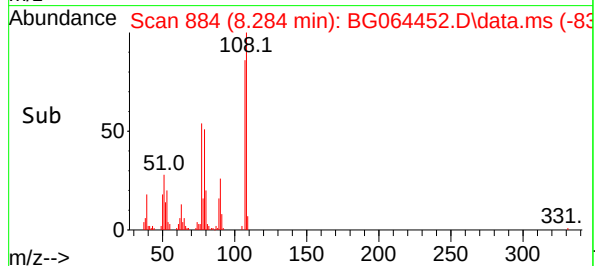
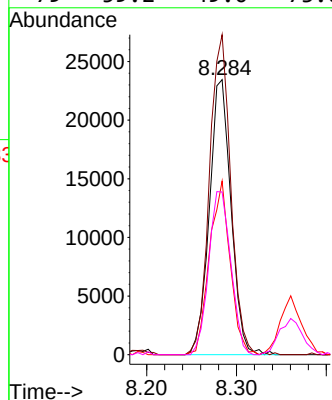
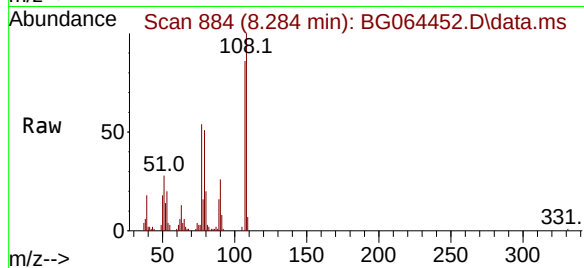
Tgt Ion:	107	Resp:	3924
Ion	Ratio	Lower	Upper
107	100		
108	116.4	86.2	129.2
77	63.1	46.7	70.1
79	59.2	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#18

Hexachloroethane

Concen: 43.270 ng

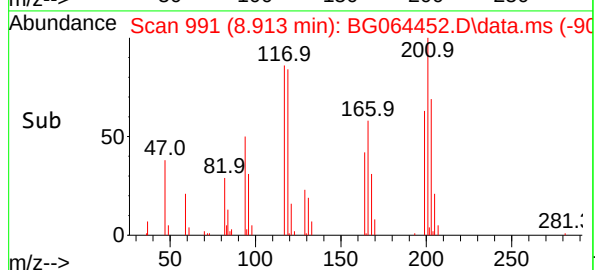
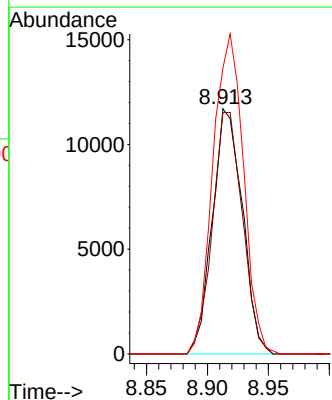
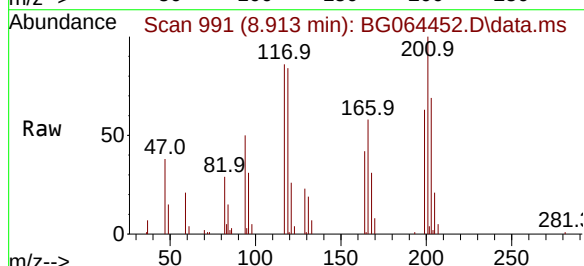
RT: 8.913 min Scan# 991

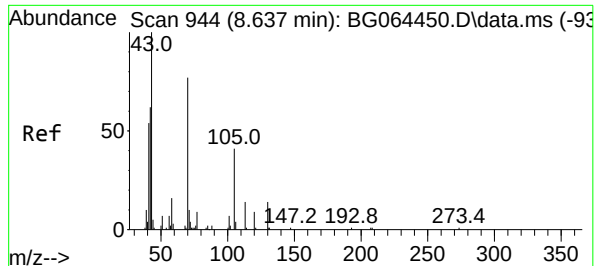
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:	117	Resp:	20021
Ion	Ratio	Lower	Upper
117	100		
119	99.8	76.6	115.0
201	120.9	103.0	154.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.317 ng

RT: 8.642 min Scan# 944

Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion: 70 Resp: 35920

Ion Ratio Lower Upper

70 100

42 88.7 65.6 98.4

101 12.4 7.7 11.5

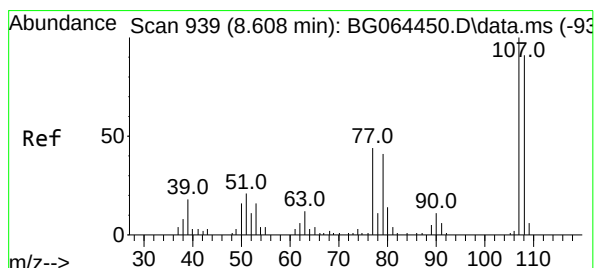
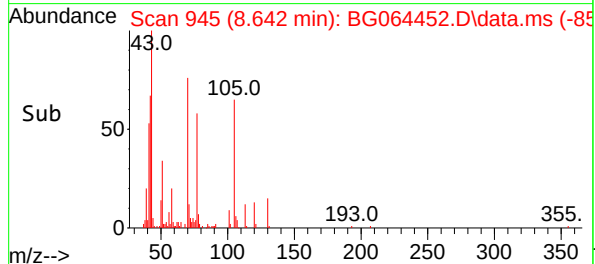
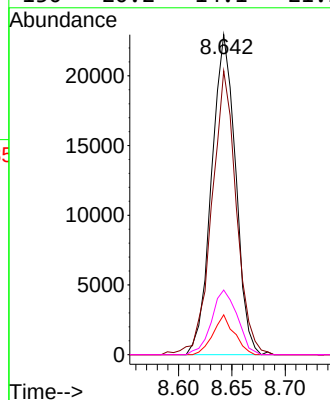
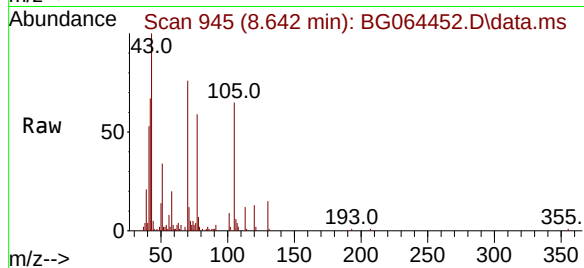
130 20.2 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#20

3+4-Methylphenols

Concen: 41.921 ng

RT: 8.607 min Scan# 939

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:107 Resp: 54063

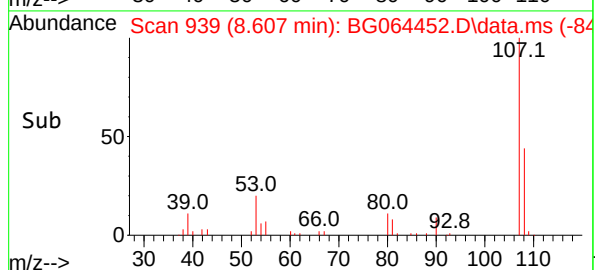
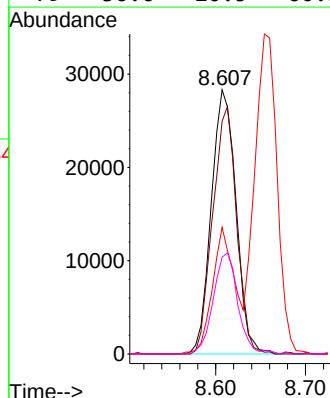
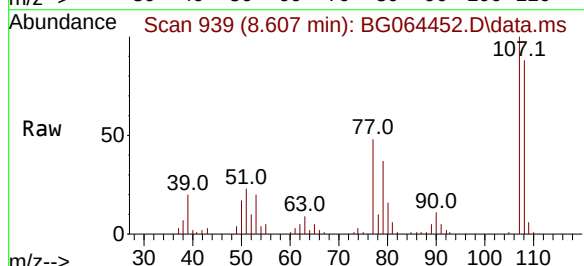
Ion Ratio Lower Upper

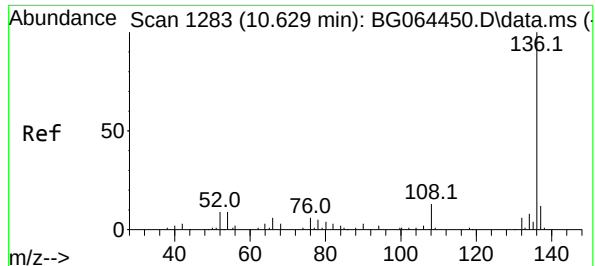
107 100

108 88.1 70.9 110.9

77 47.9 24.4 64.4

79 36.6 20.5 60.5





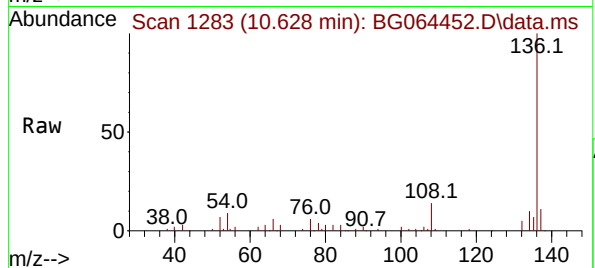
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

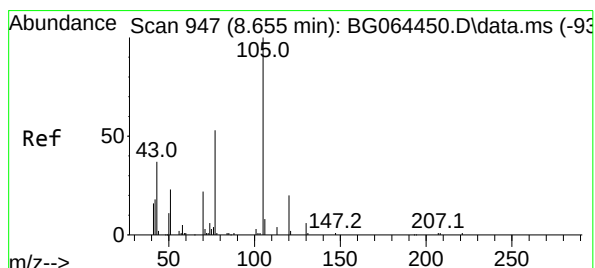
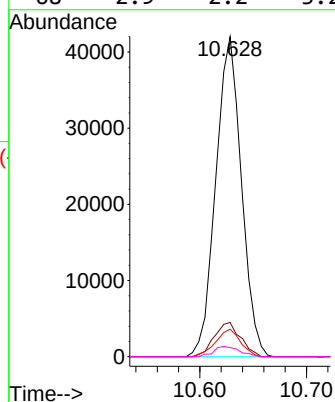
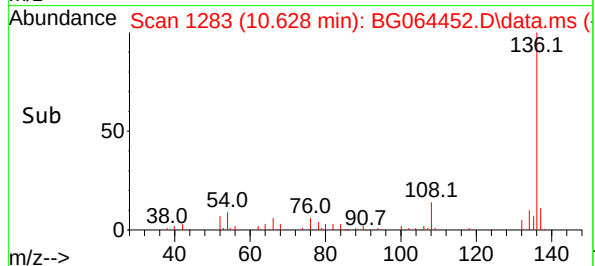


Tgt Ion:136 Resp: 69998
Ion Ratio Lower Upper
136 100
137 10.7 9.6 14.4
54 9.4 7.4 11.2
68 2.9 2.2 3.2

Manual Integrations

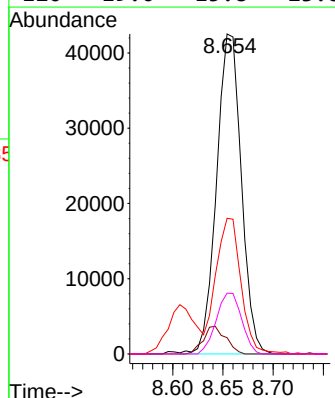
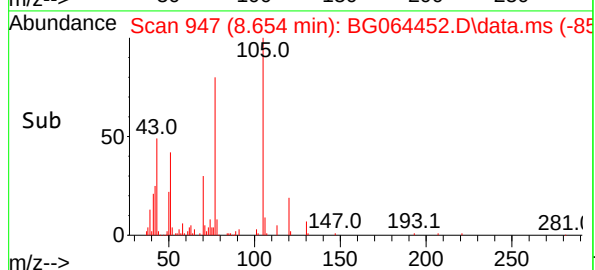
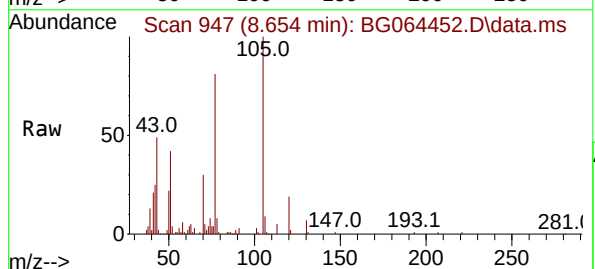
APPROVED

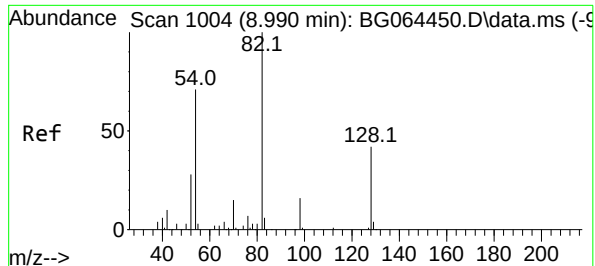
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#22
Acetophenone
Concen: 43.454 ng
RT: 8.654 min Scan# 947
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

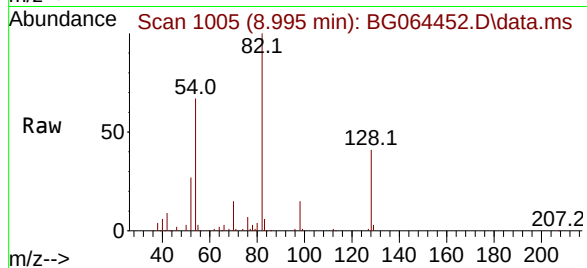
Tgt Ion:105 Resp: 72821
Ion Ratio Lower Upper
105 100
71 5.1 2.5 3.7#
51 42.4 29.0 43.6
120 19.0 15.8 23.8





#23
Nitrobenzene-d5
Concen: 89.848 ng
RT: 8.995 min Scan# 1005
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

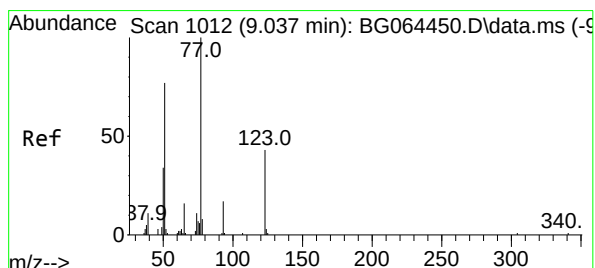
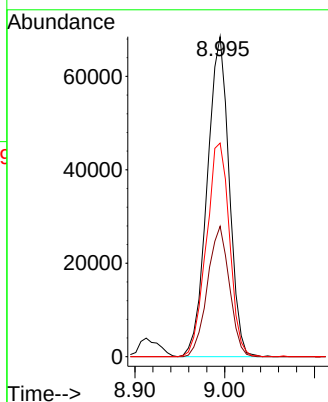
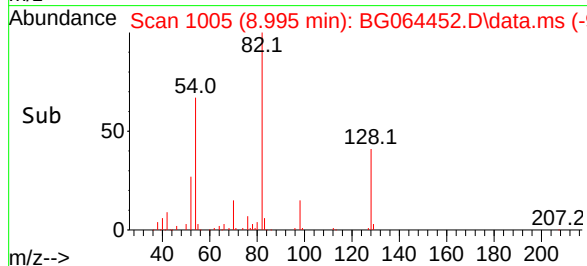
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 82 Resp: 11604
Ion Ratio Lower Upper
82 100
128 40.8 33.7 50.5
54 66.7 57.0 85.6

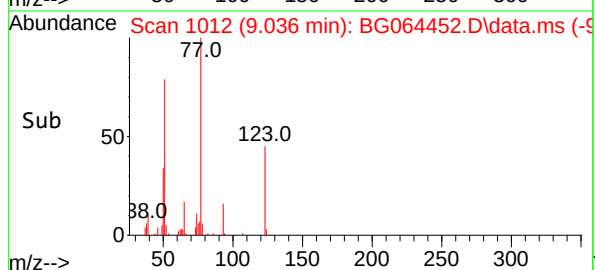
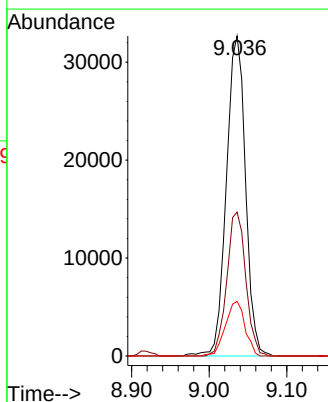
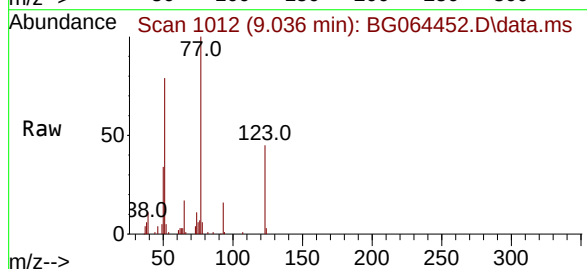
Manual Integrations
APPROVED

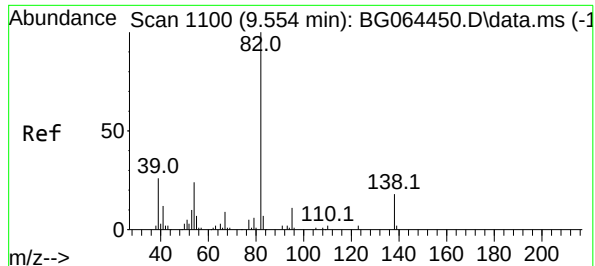
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#24
Nitrobenzene
Concen: 44.460 ng
RT: 9.036 min Scan# 1012
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

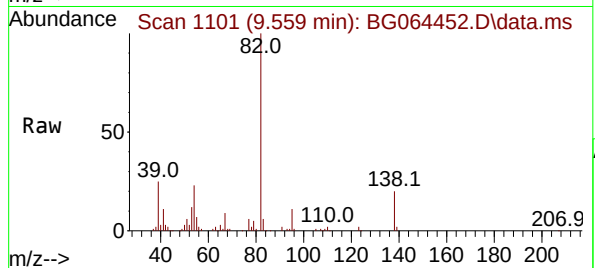
Tgt Ion: 77 Resp: 56054
Ion Ratio Lower Upper
77 100
123 45.0 34.7 52.1
65 17.1 12.8 19.2





#25
Isophorone
Concen: 43.048 ng
RT: 9.559 min Scan# 1101
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

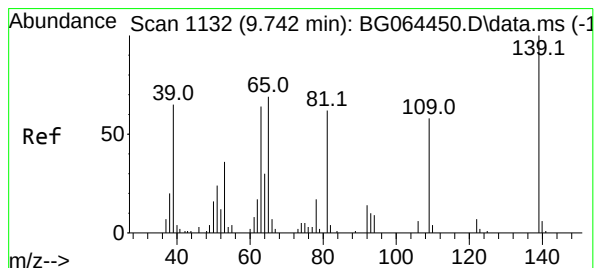
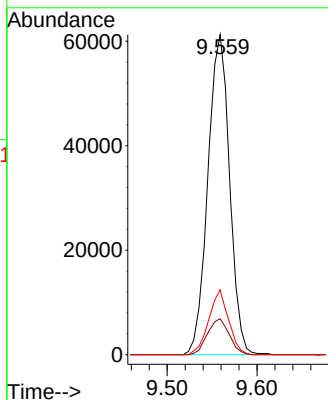
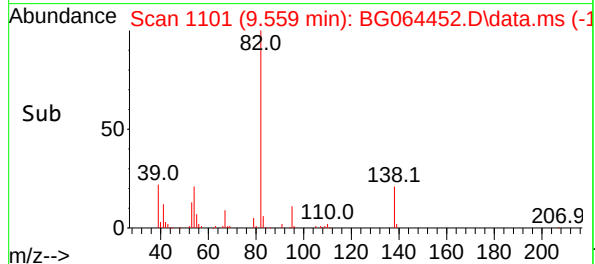
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 82 Resp: 102879
Ion Ratio Lower Upper
82 100
95 11.2 8.5 12.7
138 20.2 14.3 21.5

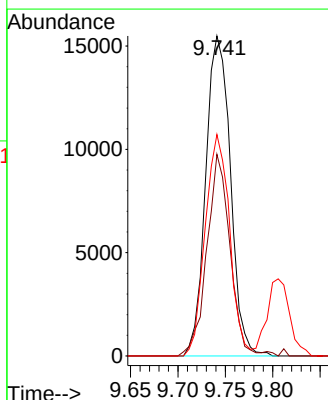
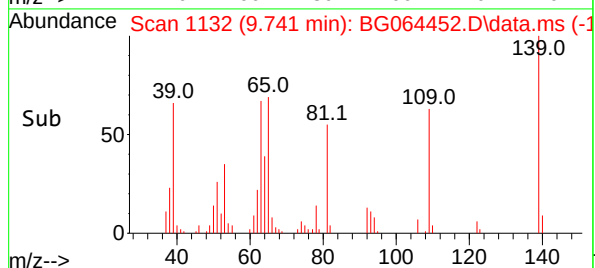
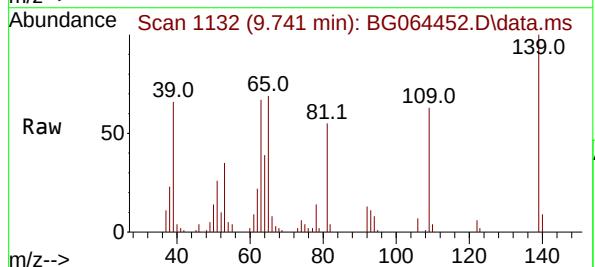
Manual Integrations
APPROVED

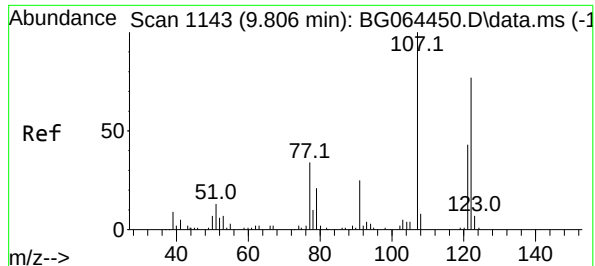
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#26
2-Nitrophenol
Concen: 45.321 ng
RT: 9.741 min Scan# 1132
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:139 Resp: 28126
Ion Ratio Lower Upper
139 100
109 63.0 46.6 70.0
65 69.2 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 44.292 ng

RT: 9.806 min Scan# 1143

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

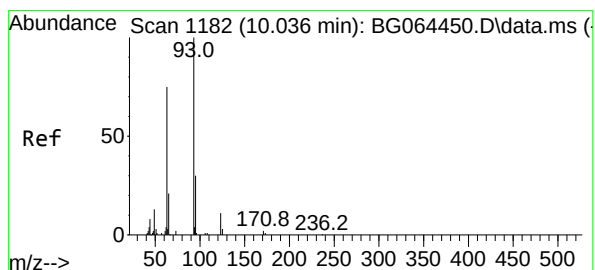
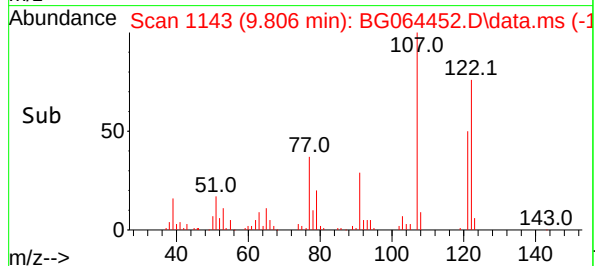
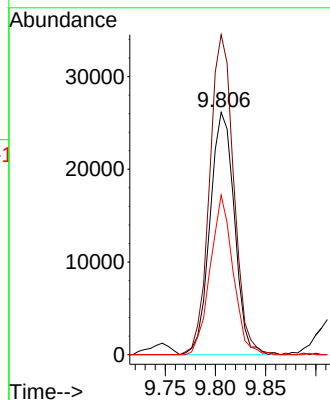
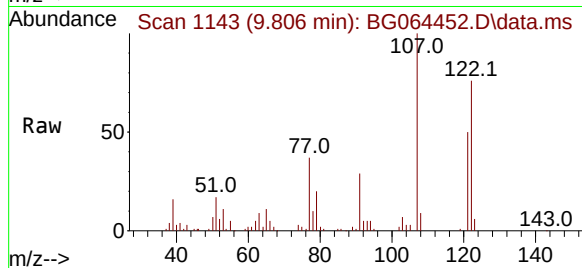
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.0	102.6	153.8
121	65.8	44.4	66.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.392 ng

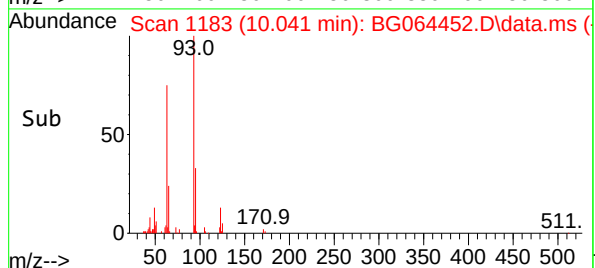
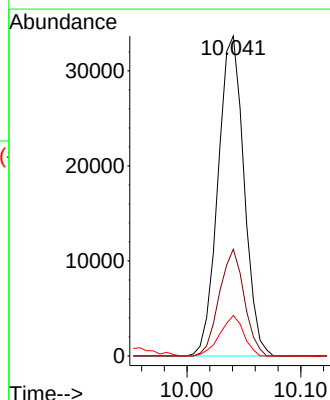
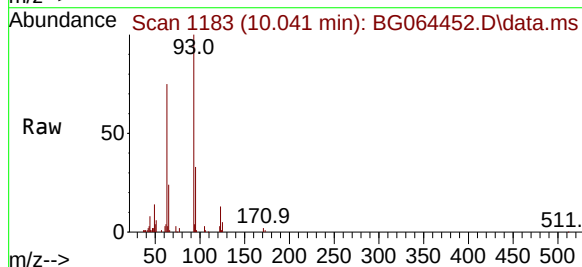
RT: 10.041 min Scan# 1183

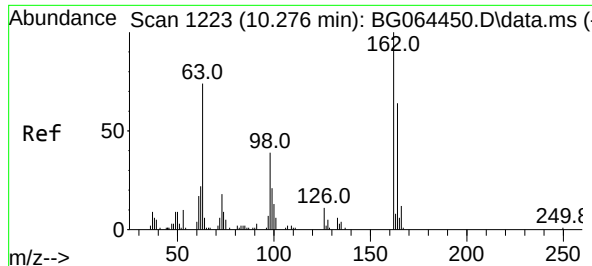
Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.0	36.0
123	12.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 42.684 ng

RT: 10.276 min Scan# 1223

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:162 Resp: 49172

Ion Ratio Lower Upper

162 100

164 61.4 43.7 83.7

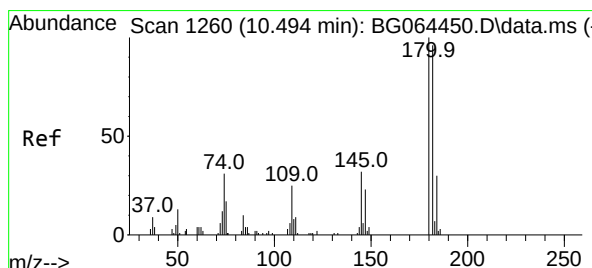
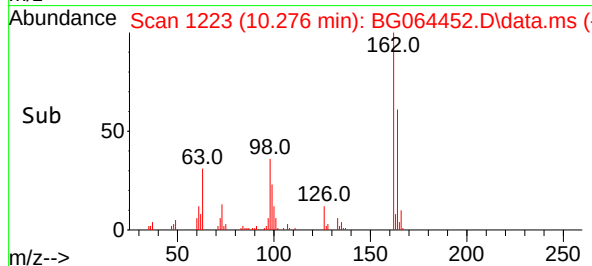
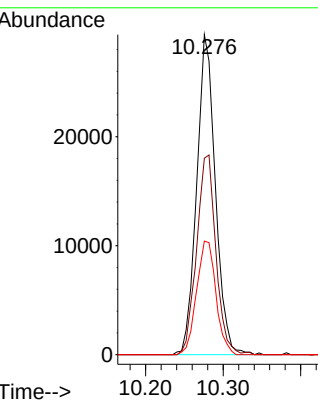
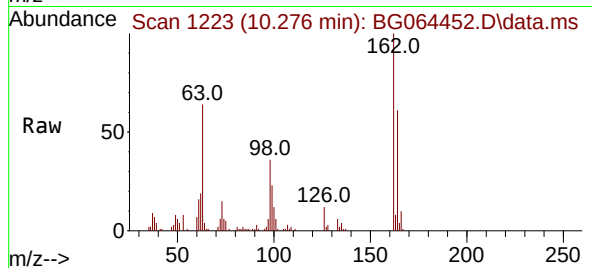
98 35.5 19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.539 ng

RT: 10.493 min Scan# 1260

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

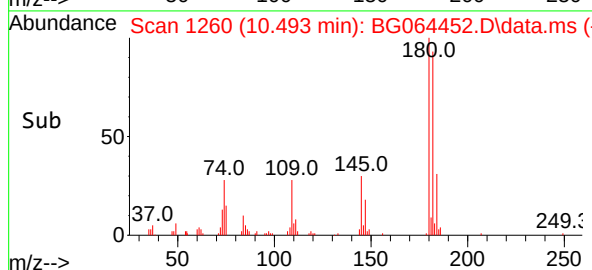
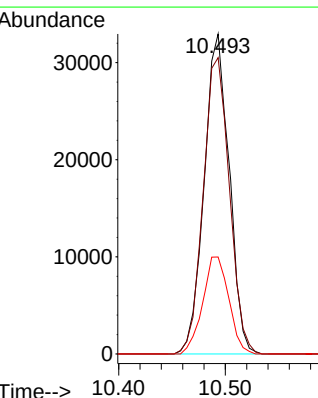
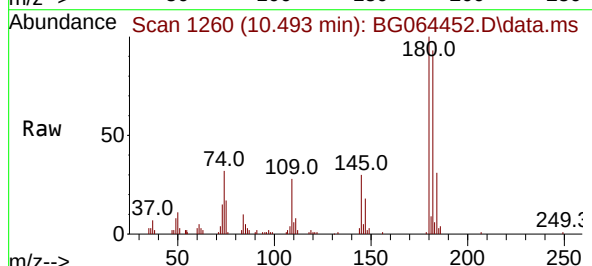
Tgt Ion:180 Resp: 53650

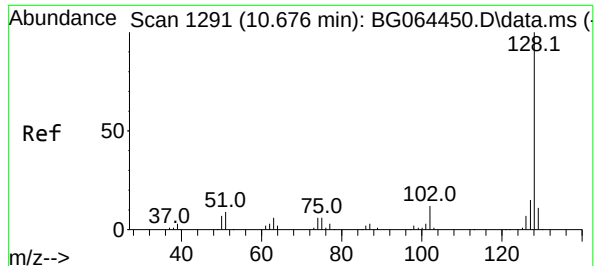
Ion Ratio Lower Upper

180 100

182 92.6 77.0 115.4

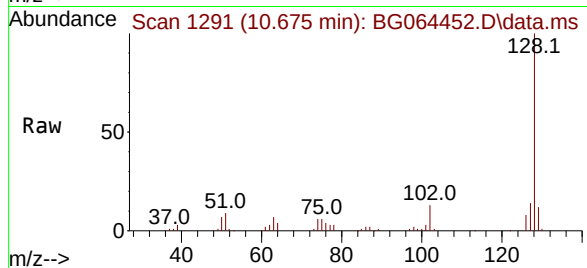
145 30.3 25.4 38.2





#31
Naphthalene
Concen: 43.038 ng
RT: 10.675 min Scan# 1169
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

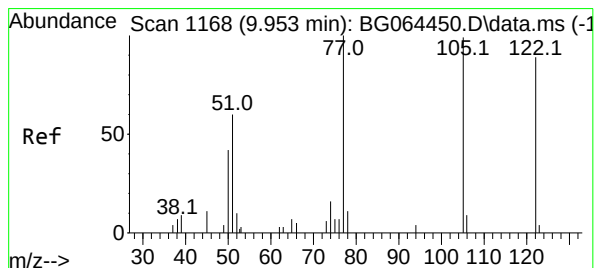
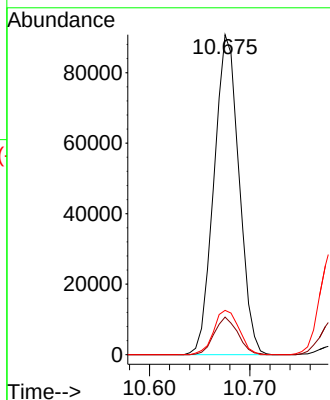
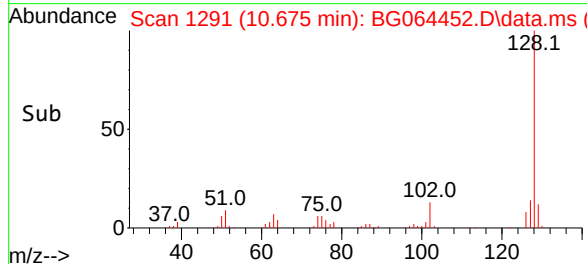
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:128 Resp: 157270
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.8 12.1 18.1

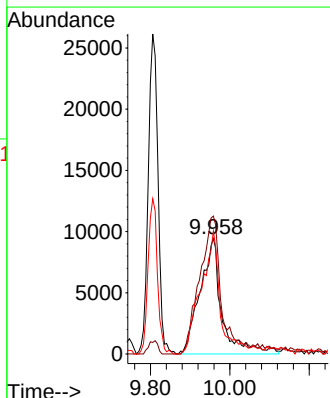
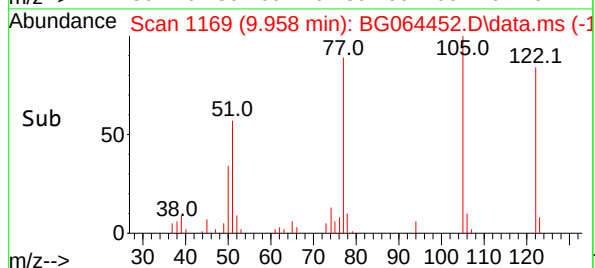
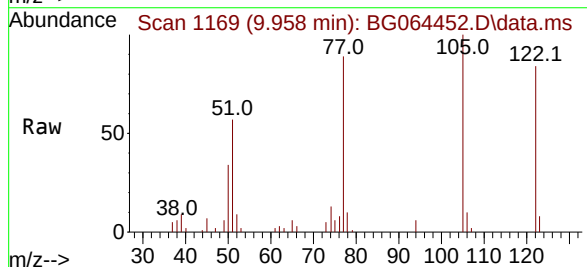
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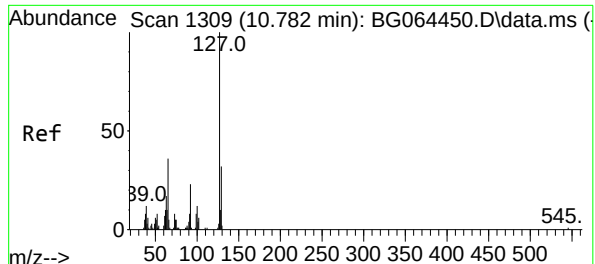
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#32
Benzoic acid
Concen: 46.391 ng m
RT: 9.958 min Scan# 1169
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:122 Resp: 35974
Ion Ratio Lower Upper
122 100
105 119.5 91.0 131.0
77 106.5 92.2 132.2





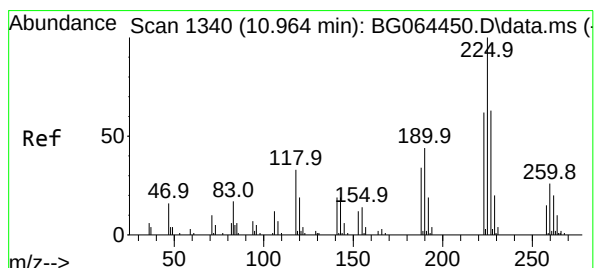
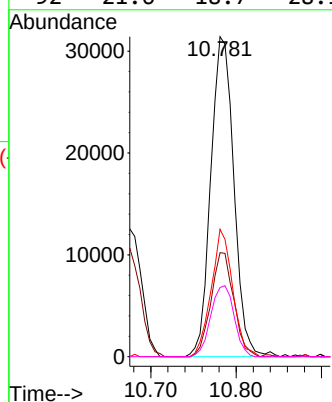
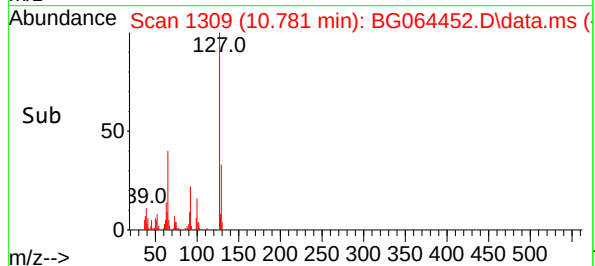
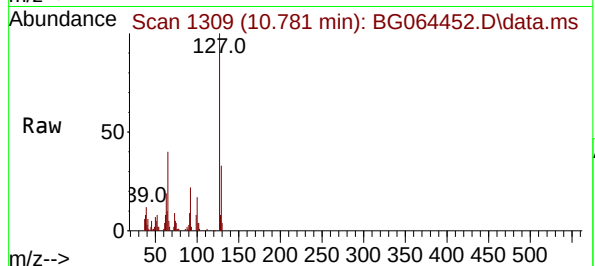
#33
4-Chloroaniline
Concen: 44.175 ng
RT: 10.781 min Scan# 1309
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion:	127	Resp:	5905
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.7	38.5
65	39.8	28.6	43.0
92	21.6	18.7	28.1

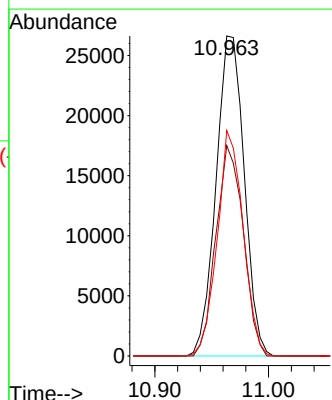
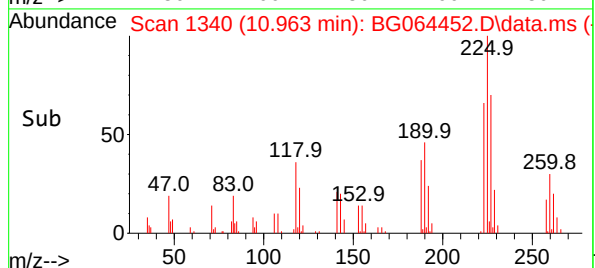
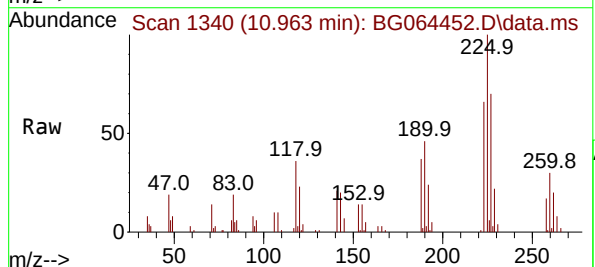
Manual Integrations
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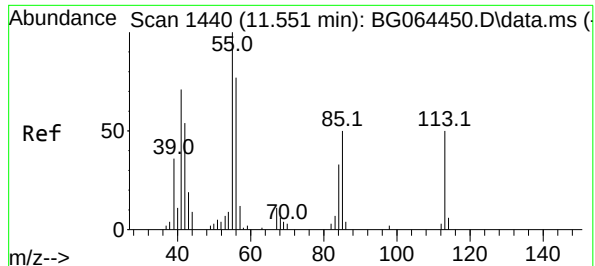
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#34
Hexachlorobutadiene
Concen: 43.780 ng
RT: 10.963 min Scan# 1340
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:	225	Resp:	45951
Ion Ratio	Lower	Upper	
225	100		
223	65.7	49.4	74.2
227	70.4	50.0	75.0





#35

Caprolactam

Concen: 41.004 ng

RT: 11.557 min Scan# 1441

Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:113 Resp: 15580

Ion Ratio Lower Upper

113 100

55 199.7 178.3 218.3

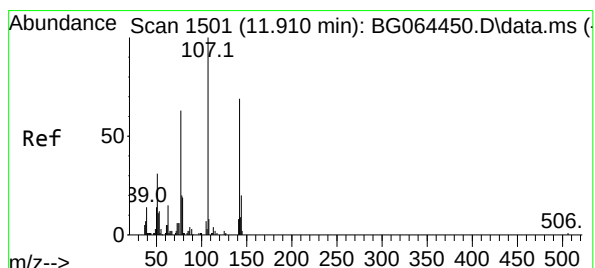
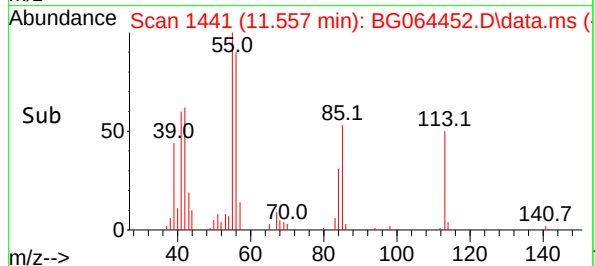
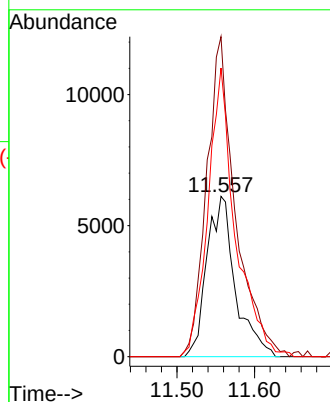
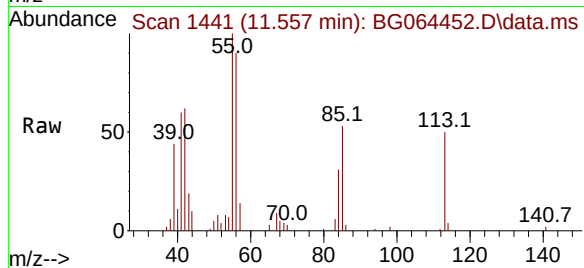
56 180.1 132.4 172.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#36

4-Chloro-3-methylphenol

Concen: 42.917 ng

RT: 11.915 min Scan# 1502

Delta R.T. 0.005 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

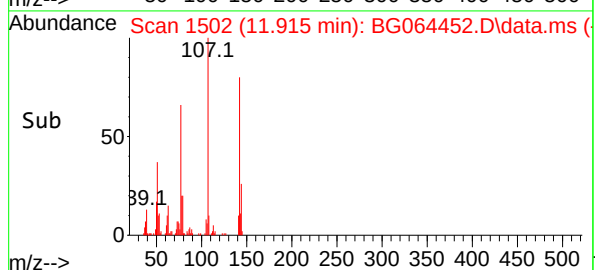
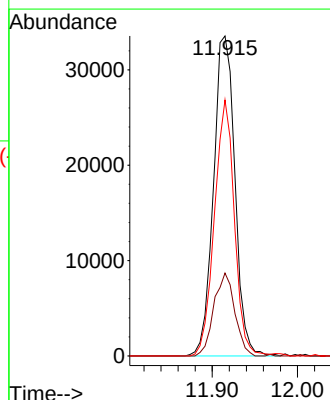
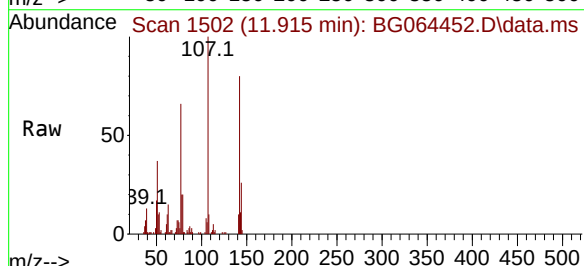
Tgt Ion:107 Resp: 58602

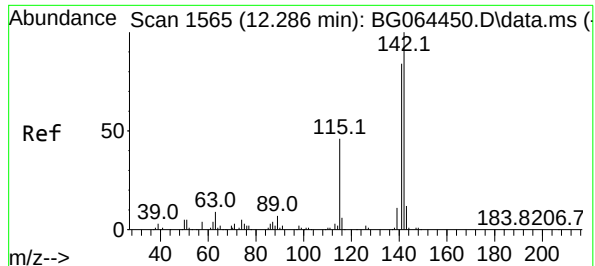
Ion Ratio Lower Upper

107 100

144 25.9 16.3 24.5

142 80.0 55.5 83.3





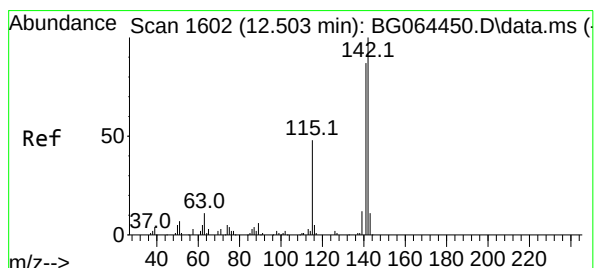
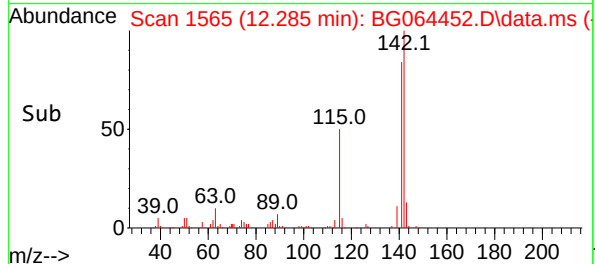
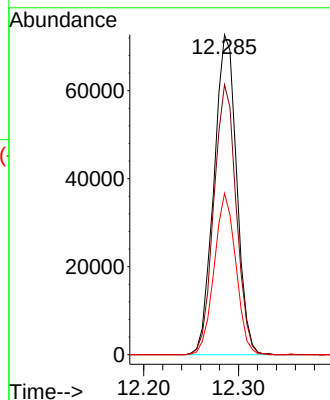
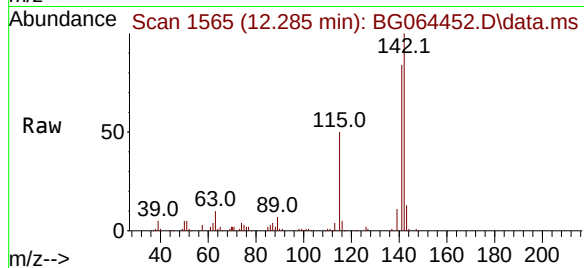
#37
2-Methylnaphthalene
Concen: 43.854 ng
RT: 12.285 min Scan# 1565
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.4	67.3	100.9
115	50.4	37.0	55.4

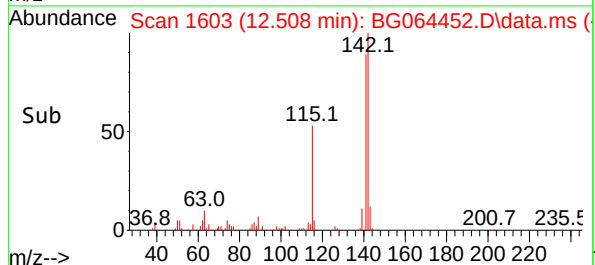
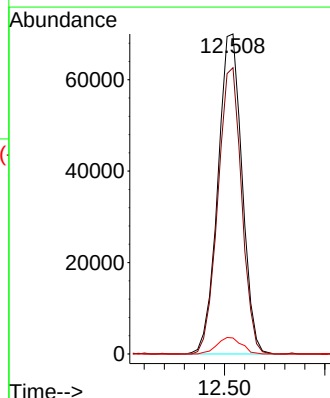
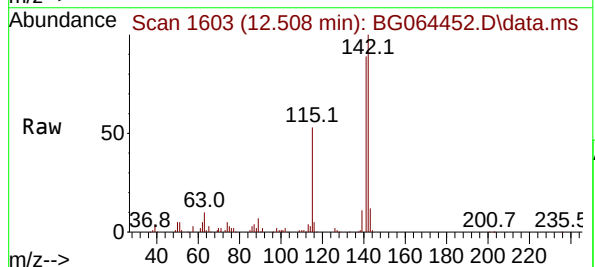
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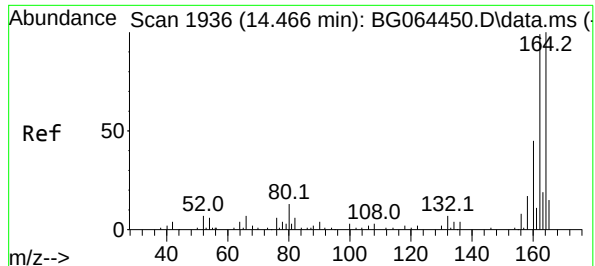
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#38
1-Methylnaphthalene
Concen: 43.108 ng
RT: 12.508 min Scan# 1603
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.2	103.8
116	5.0	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.465 min Scan# 1936

Delta R.T. -0.001 min

Lab File: BG064452.D

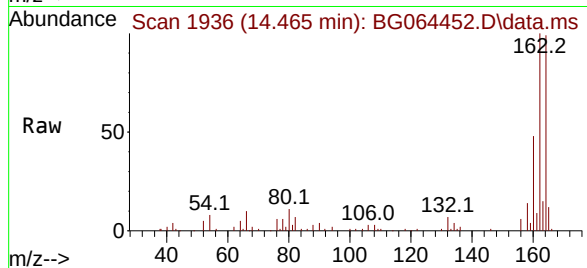
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



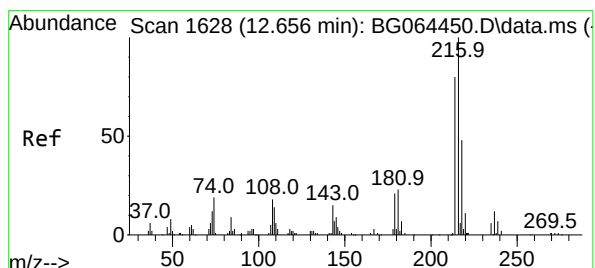
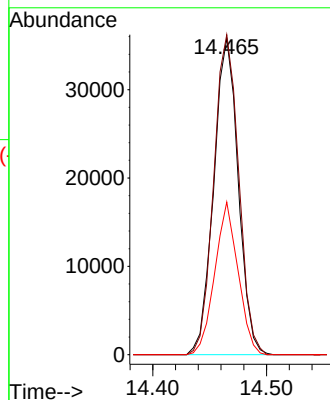
Tgt Ion:	164	Resp:	53500
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.0	118.4
160	48.3	36.3	54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#40

1,2,4,5-Tetrachlorobenzene

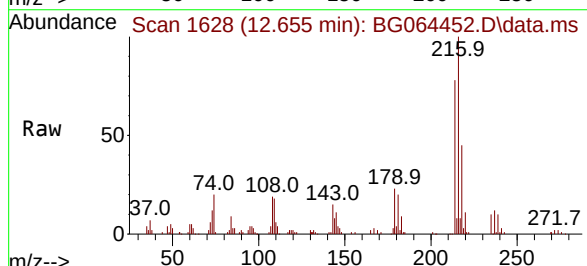
Concen: 43.176 ng

RT: 12.655 min Scan# 1628

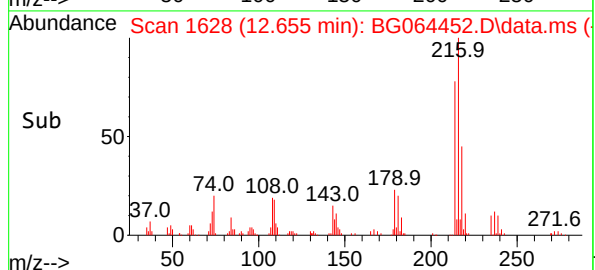
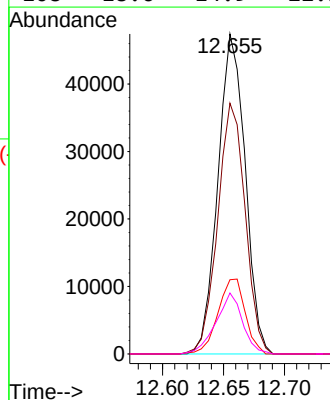
Delta R.T. -0.001 min

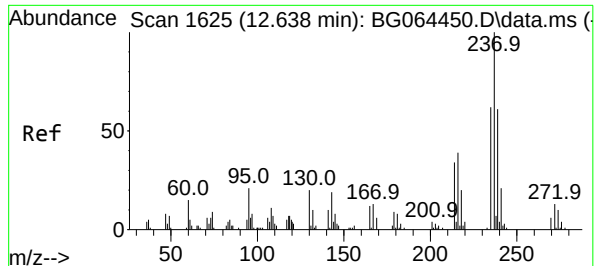
Lab File: BG064452.D

Acq: 25 Sep 2025 20:49



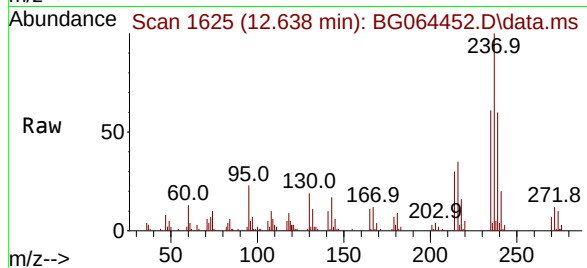
Tgt Ion:	216	Resp:	73625
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.1	94.7
179	23.5	17.4	26.2
108	18.6	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 42.097 ng
RT: 12.638 min Scan# 1625
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

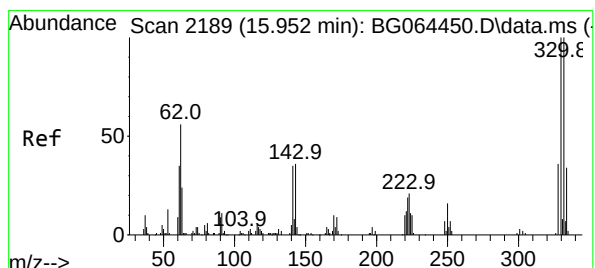
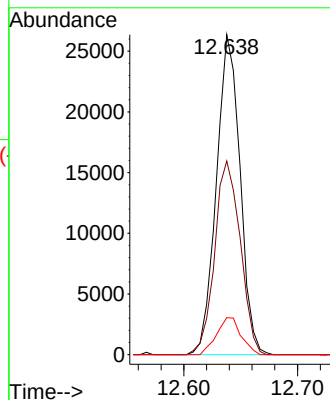
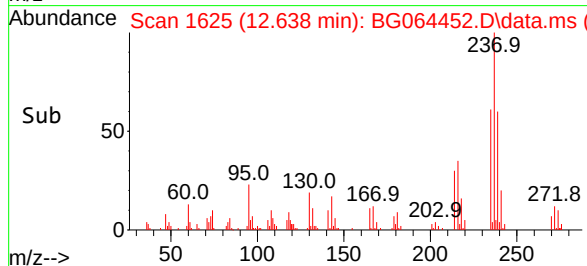
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.2	82.2
272	11.6	0.0	32.8

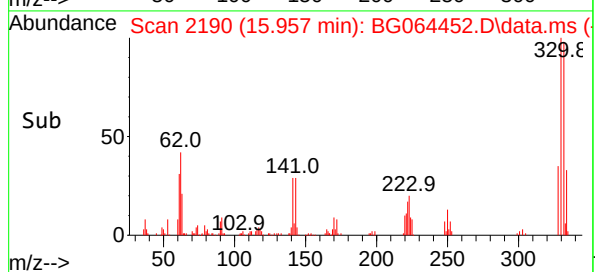
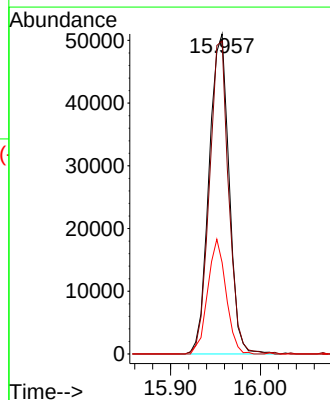
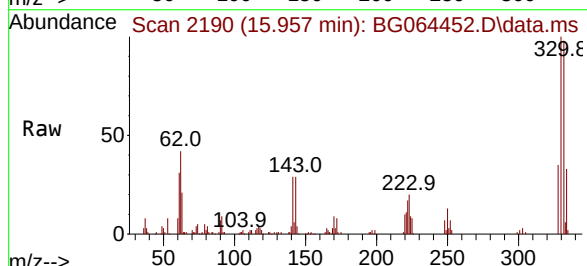
Manual Integrations
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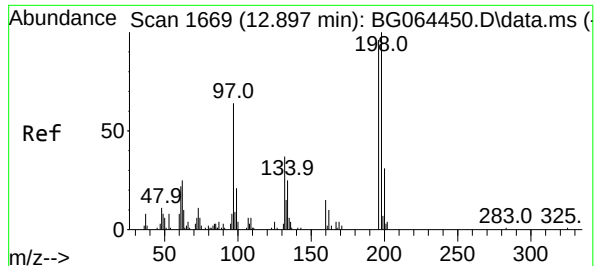
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#42
2,4,6-Tribromophenol
Concen: 84.250 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.8	118.2
141	32.9	27.3	40.9





#43

2,4,6-Trichlorophenol

Concen: 42.907 ng

RT: 12.896 min Scan# 1669

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

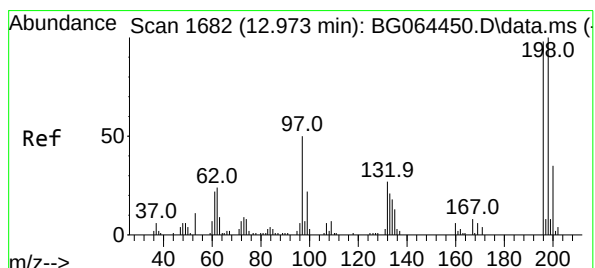
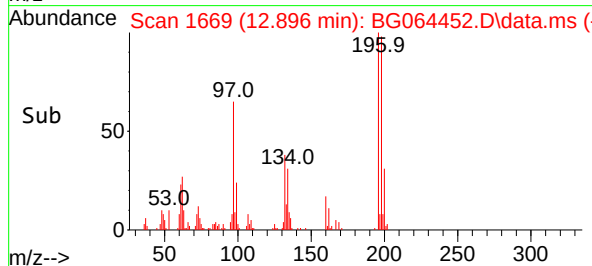
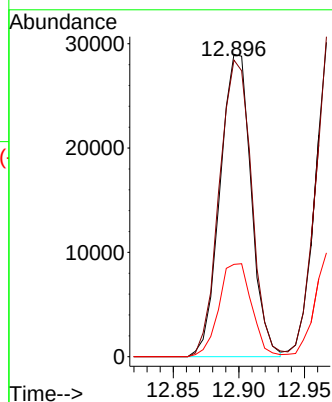
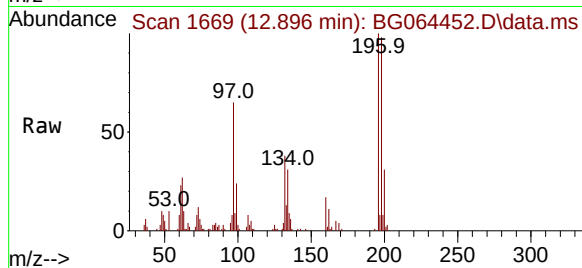
ICVBG092525

Tgt Ion:196 Resp: 47720
Ion Ratio Lower Upper
196 100
198 98.1 83.8 125.6
200 30.5 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#44

2,4,5-Trichlorophenol

Concen: 43.074 ng

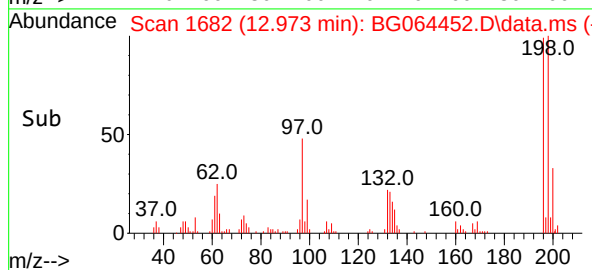
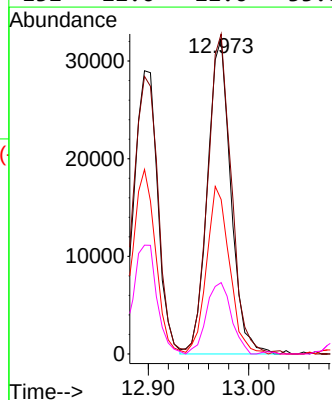
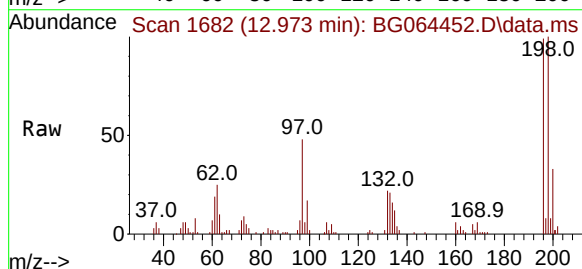
RT: 12.973 min Scan# 1682

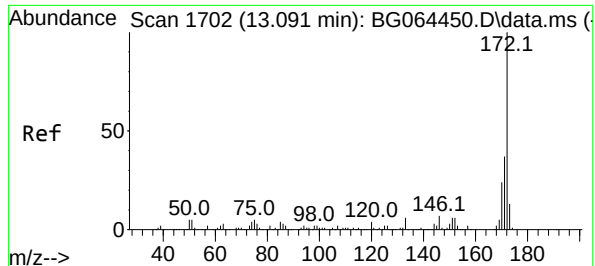
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

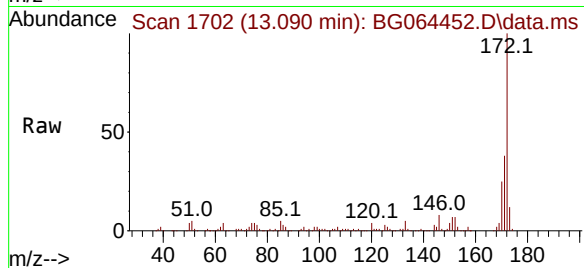
Tgt Ion:196 Resp: 52262
Ion Ratio Lower Upper
196 100
198 101.5 80.9 121.3
97 49.0 40.5 60.7
132 22.6 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 85.338 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

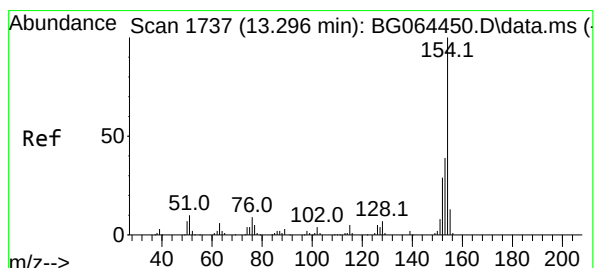
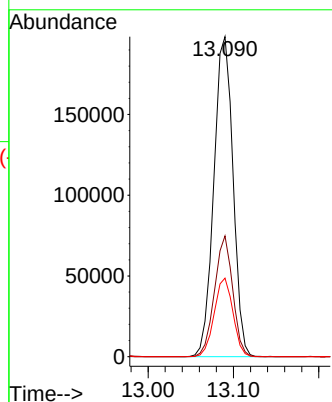
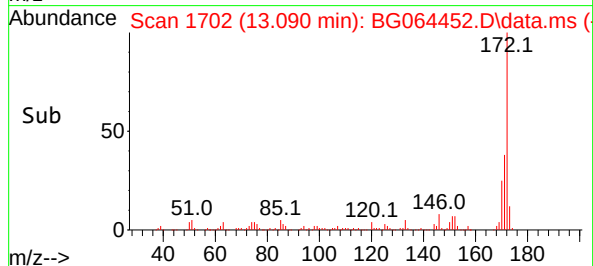
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:172 Resp: 309222
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.5 18.9 28.3

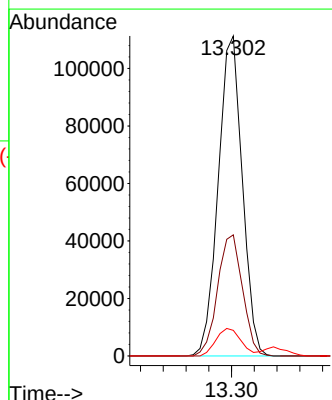
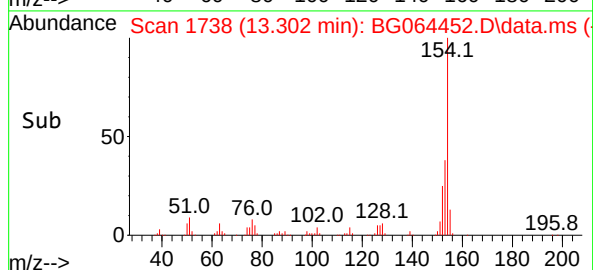
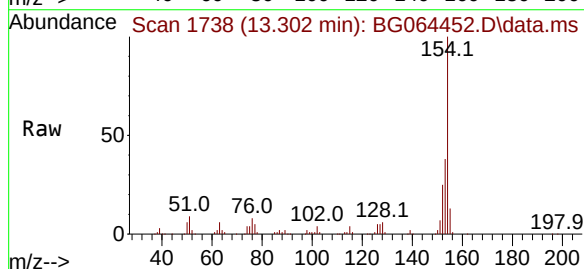
Manual Integrations
APPROVED

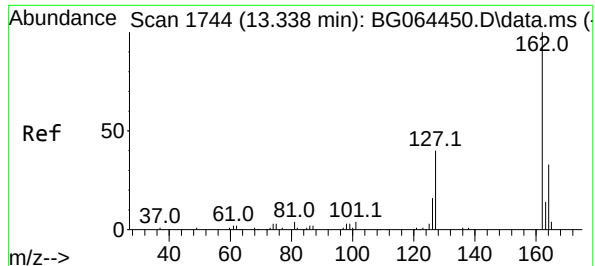
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#46
1,1'-Biphenyl
Concen: 42.963 ng
RT: 13.302 min Scan# 1738
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:154 Resp: 163525
Ion Ratio Lower Upper
154 100
153 37.9 18.8 58.8
76 8.0 0.0 28.8





#47

2-Chloronaphthalene

Concen: 42.063 ng

RT: 13.337 min Scan# 1744

Delta R.T. -0.001 min

Lab File: BG064452.D

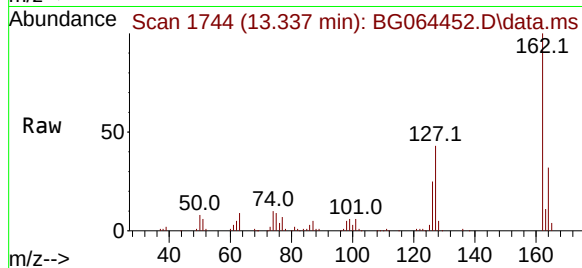
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525



Tgt Ion:162 Resp: 12168

Ion Ratio Lower Upper

162 100

127 42.7 36.2 54.4

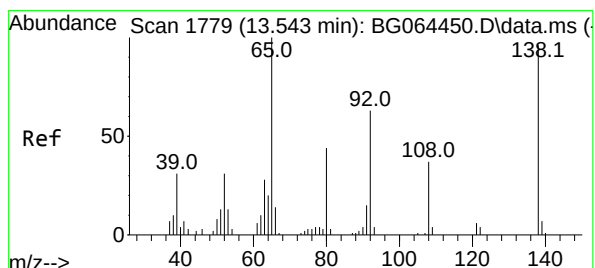
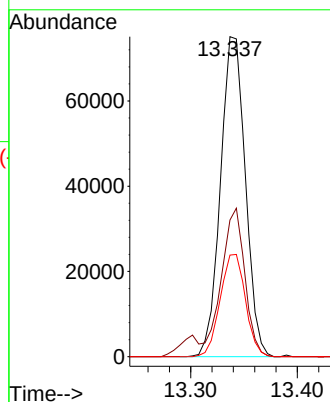
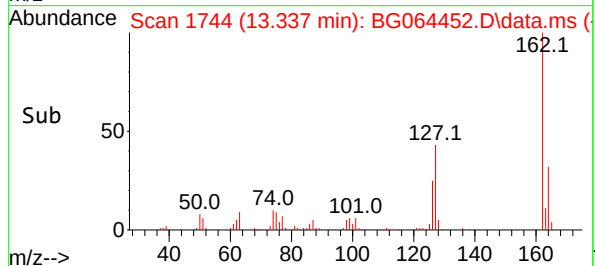
164 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#48

2-Nitroaniline

Concen: 43.591 ng

RT: 13.543 min Scan# 1779

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

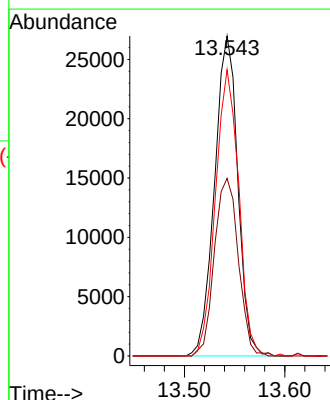
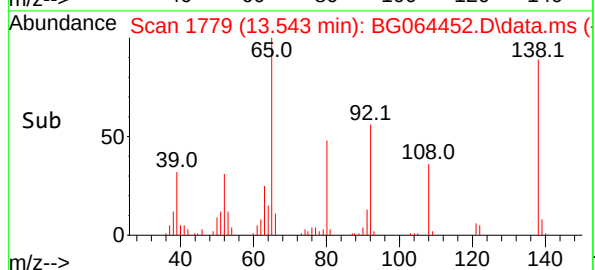
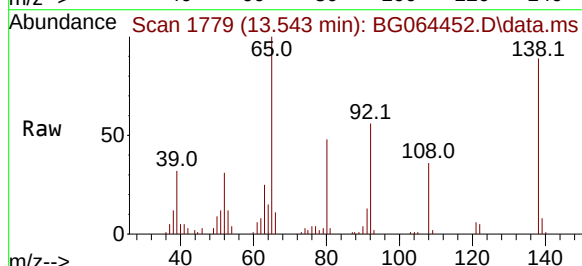
Tgt Ion: 65 Resp: 43340

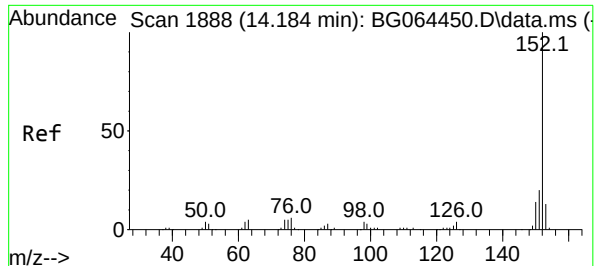
Ion Ratio Lower Upper

65 100

92 55.5 50.6 75.8

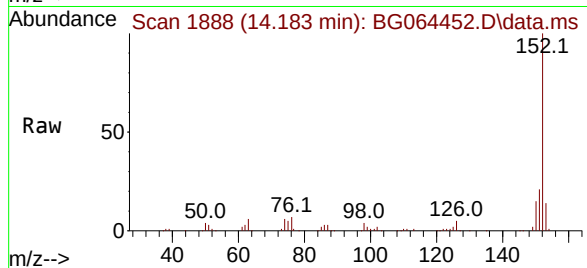
138 89.4 76.4 114.6





#49
Acenaphthylene
Concen: 42.205 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

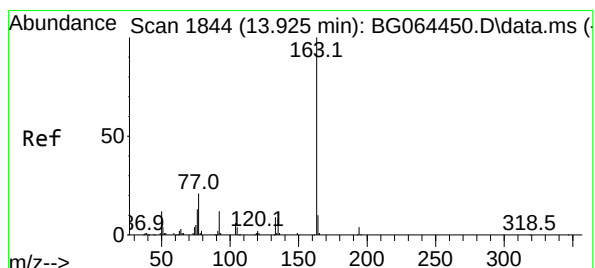
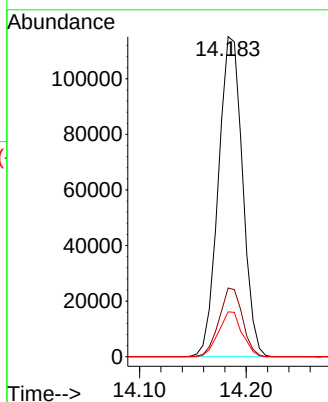
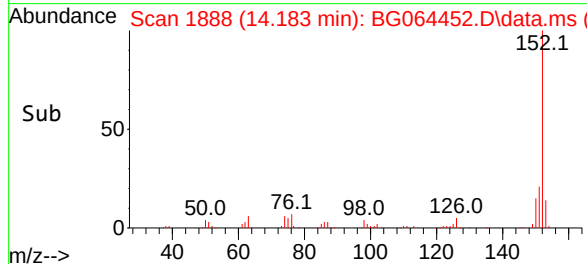
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:152 Resp: 18125
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.0 10.6 16.0

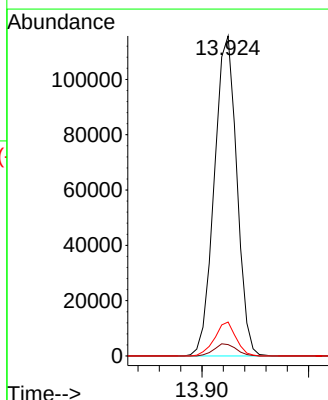
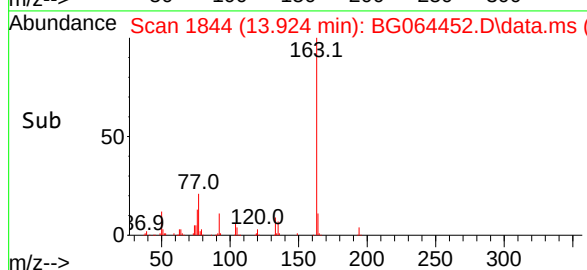
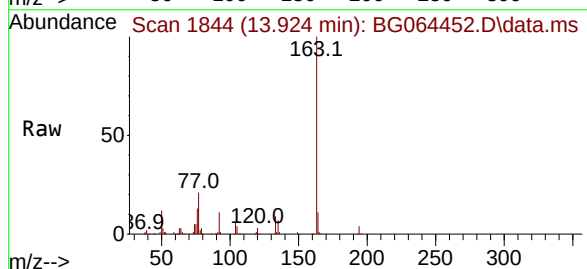
Manual Integrations
APPROVED

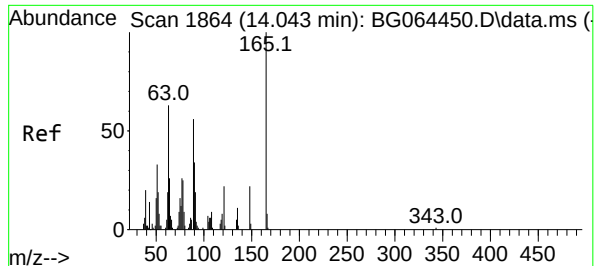
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#50
Dimethylphthalate
Concen: 41.467 ng
RT: 13.924 min Scan# 1844
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

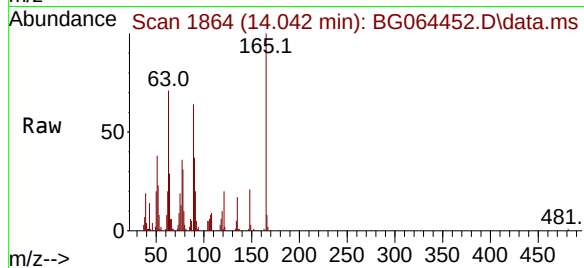
Tgt Ion:163 Resp: 169499
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.233 ng
RT: 14.042 min Scan# 1864
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

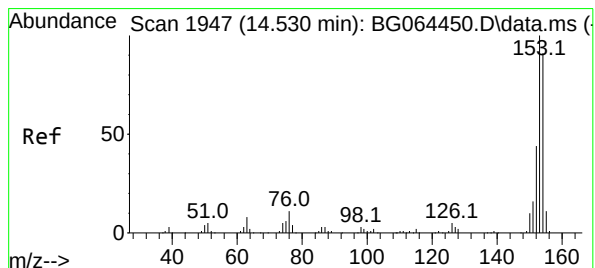
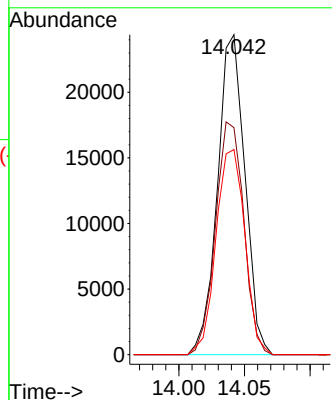
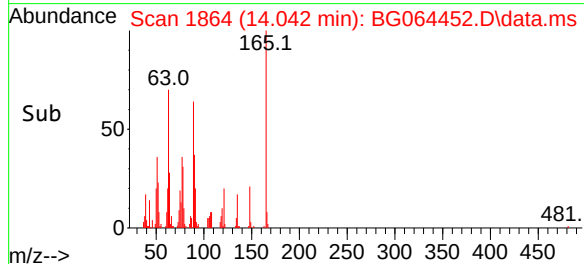
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:165 Resp: 3540
Ion Ratio Lower Upper
165 100
63 71.0 50.6 75.8
89 64.1 44.6 67.0

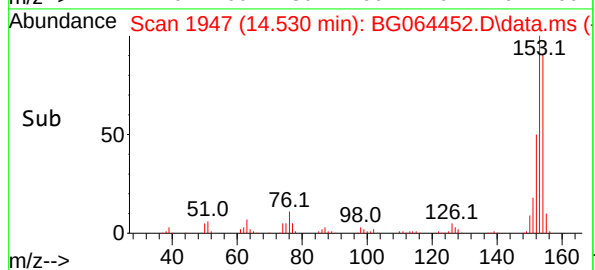
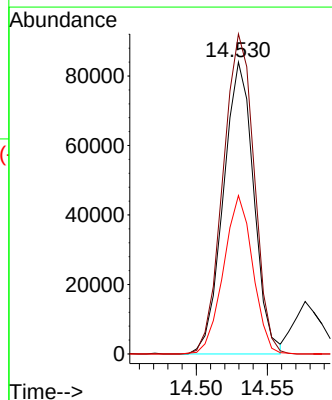
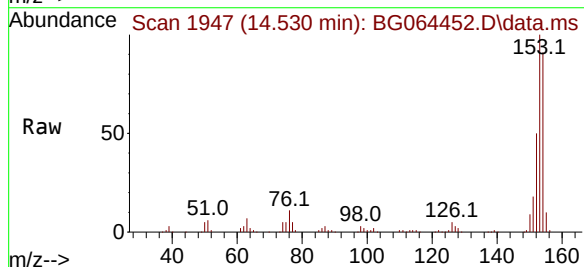
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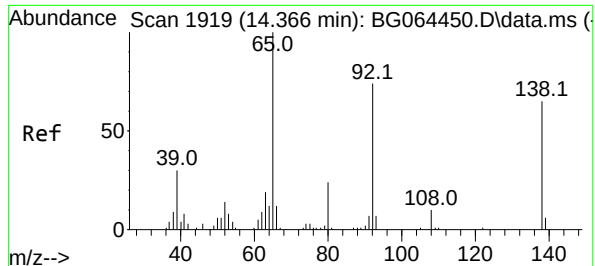
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#52
Acenaphthene
Concen: 42.520 ng
RT: 14.530 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

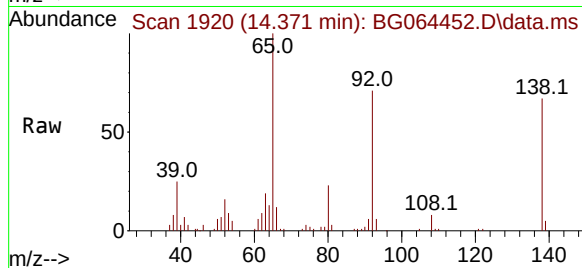
Tgt Ion:154 Resp: 124969
Ion Ratio Lower Upper
154 100
153 109.6 88.1 132.1
152 54.3 39.0 58.4





#53
3-Nitroaniline
Concen: 42.264 ng
RT: 14.371 min Scan# 1919
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

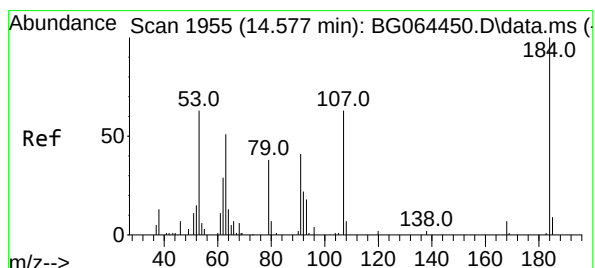
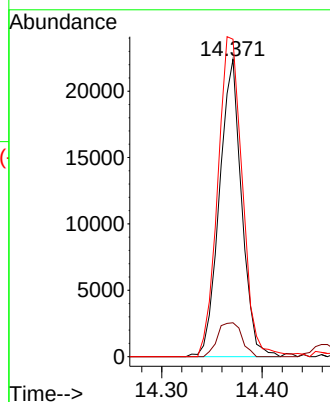
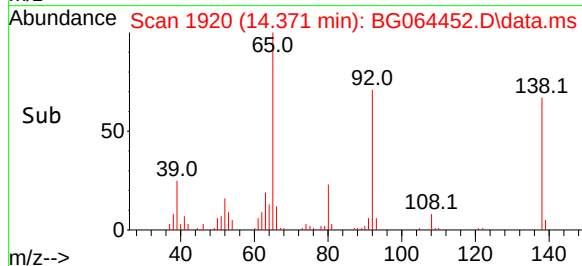
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:138 Resp: 34384
Ion Ratio Lower Upper
138 100
108 11.4 12.4 18.6
92 106.7 91.0 136.6

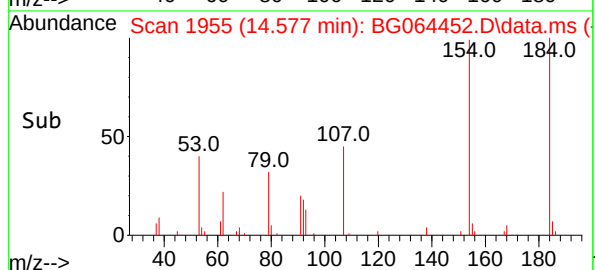
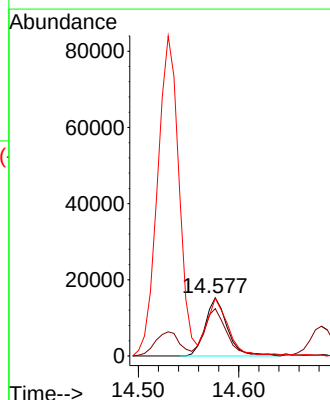
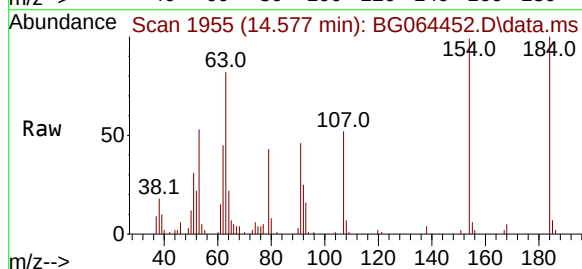
Manual Integrations
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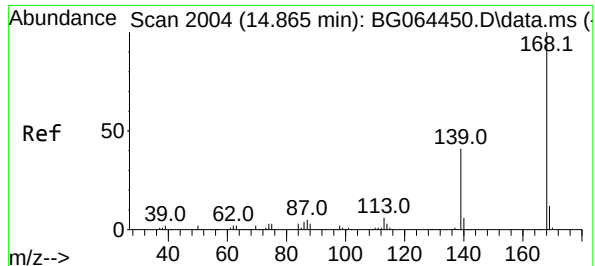
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#54
2,4-Dinitrophenol
Concen: 40.795 ng
RT: 14.577 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

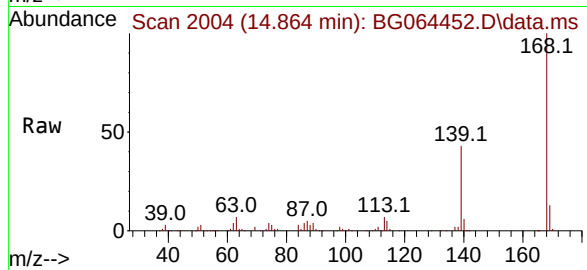
Tgt Ion:184 Resp: 23261
Ion Ratio Lower Upper
184 100
63 81.5 69.8 104.8
154 99.0 74.2 111.4





#55
Dibenzenofuran
Concen: 41.540 ng
RT: 14.864 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

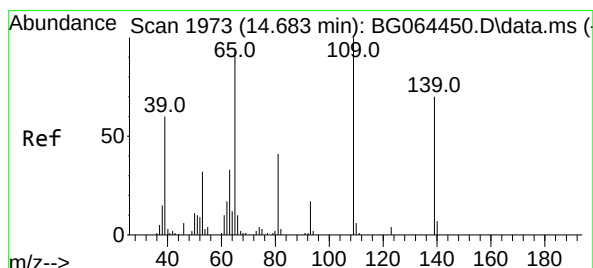
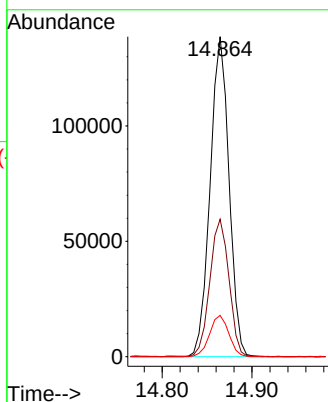
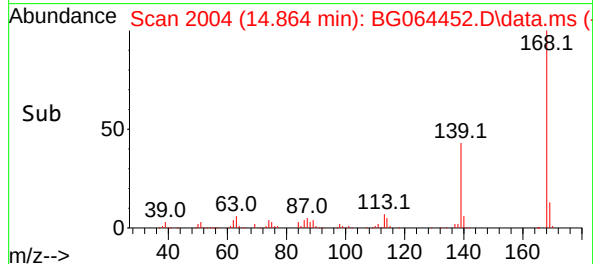
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:168 Resp: 202428
Ion Ratio Lower Upper
168 100
139 43.0 33.3 49.9
169 12.9 9.9 14.9

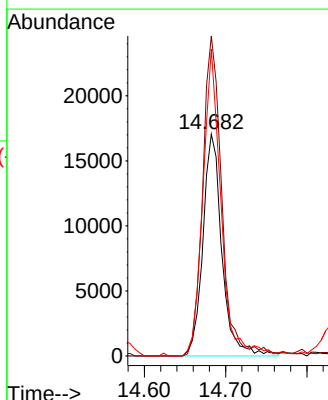
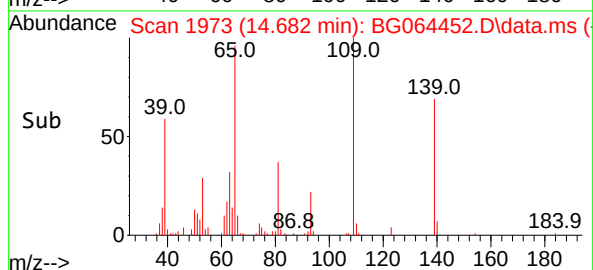
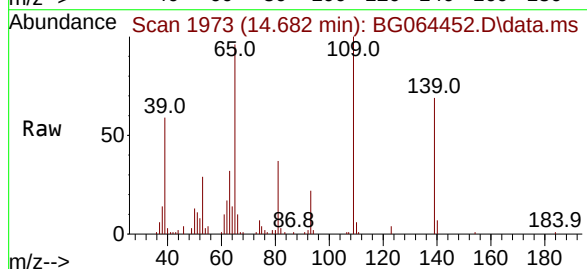
Manual Integrations
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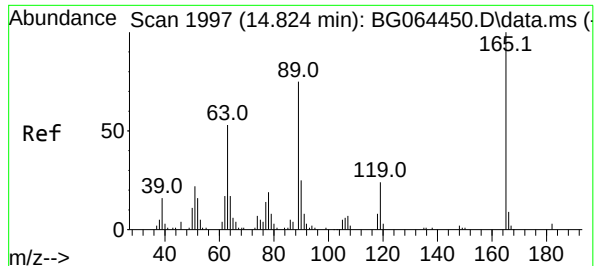
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#56
4-Nitrophenol
Concen: 42.132 ng
RT: 14.682 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:139 Resp: 27745
Ion Ratio Lower Upper
139 100
109 144.2 122.5 162.5
65 138.3 113.0 153.0





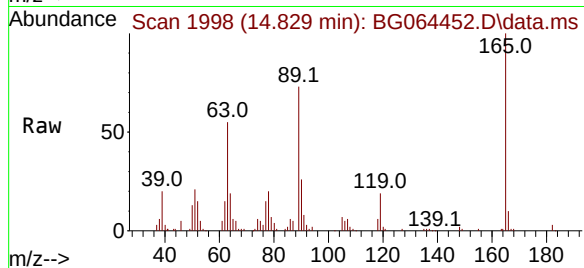
#57
2,4-Dinitrotoluene
Concen: 42.615 ng
RT: 14.829 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

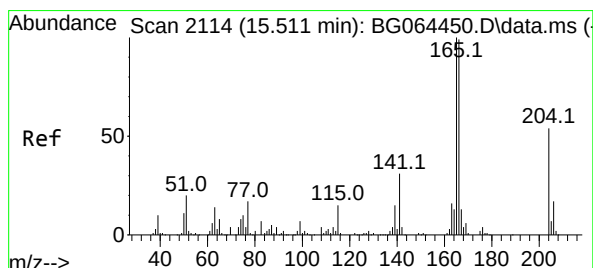
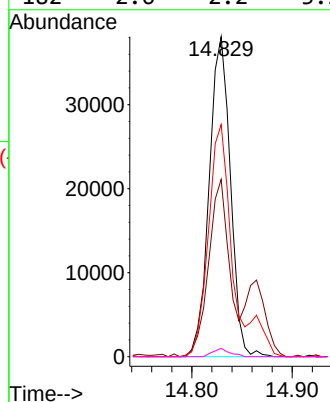
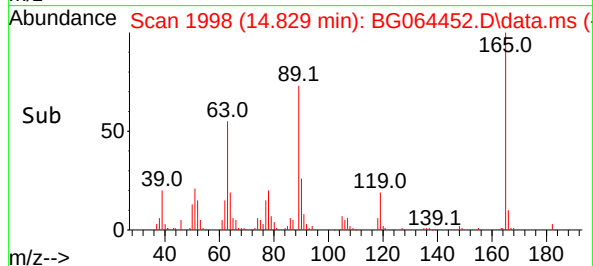


Tgt Ion:165 Resp: 5585
Ion Ratio Lower Upper
165 100
63 55.4 42.6 63.8
89 72.5 59.7 89.5
182 2.6 2.2 3.2

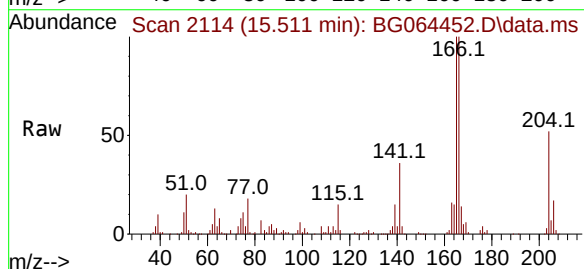
Manual Integrations

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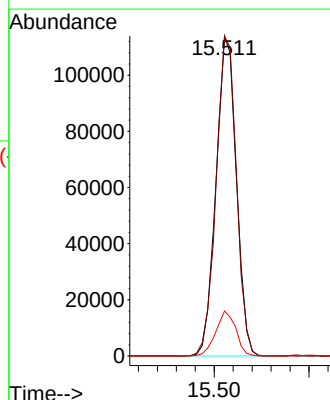
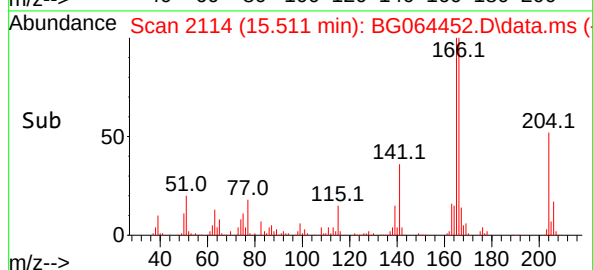
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

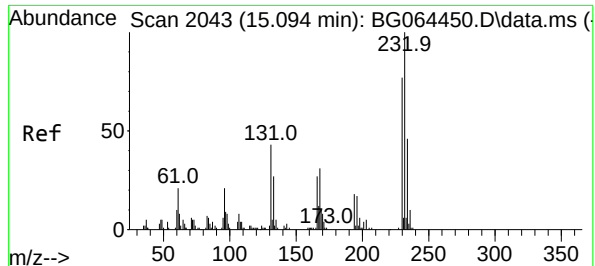


#58
Fluorene
Concen: 42.130 ng
RT: 15.511 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



Tgt Ion:166 Resp: 169479
Ion Ratio Lower Upper
166 100
165 99.8 81.1 121.7
167 14.1 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.332 ng

RT: 15.094 min Scan# 2043

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:232 Resp: 5123

Ion Ratio Lower Upper

232 100

131 44.4 34.3 51.5

130 2.0 2.3 3.5

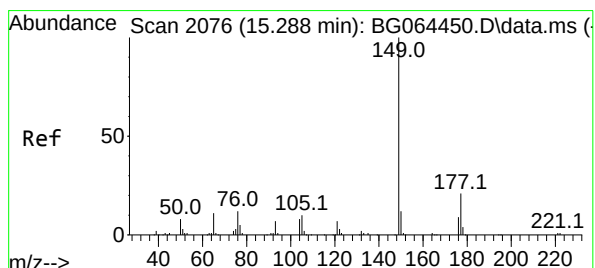
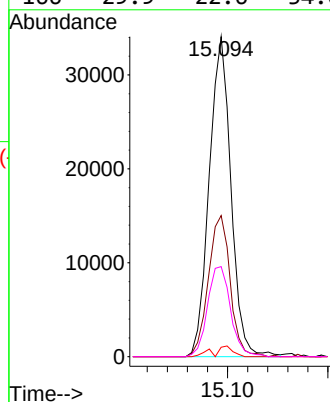
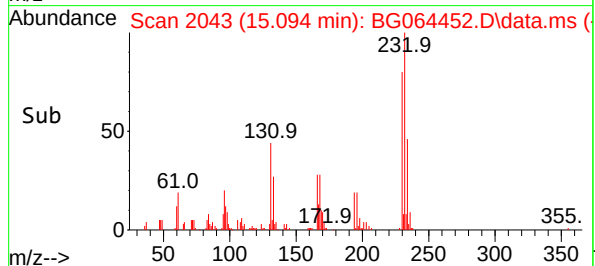
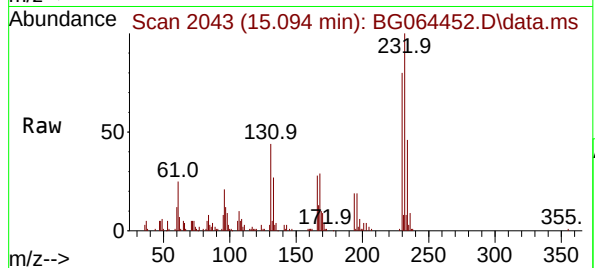
166 29.9 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#60

Diethylphthalate

Concen: 41.011 ng

RT: 15.288 min Scan# 2076

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

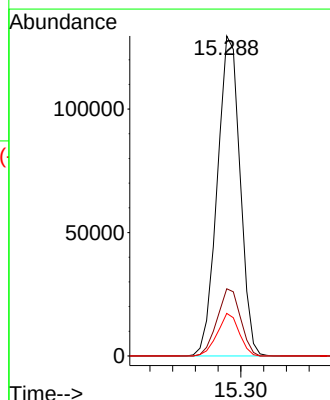
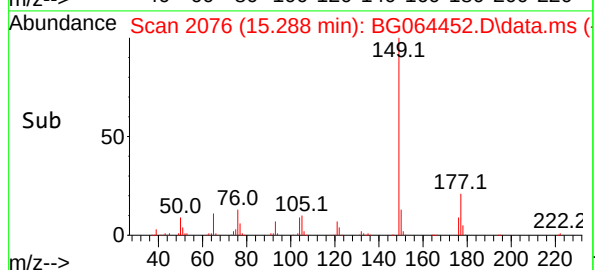
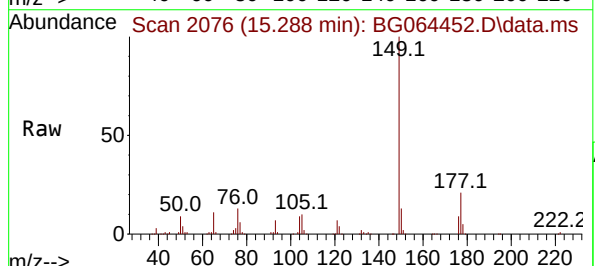
Tgt Ion:149 Resp: 180626

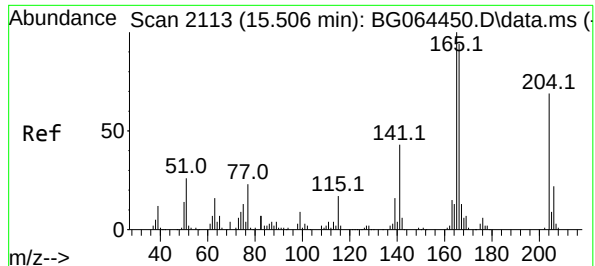
Ion Ratio Lower Upper

149 100

177 21.0 17.1 25.7

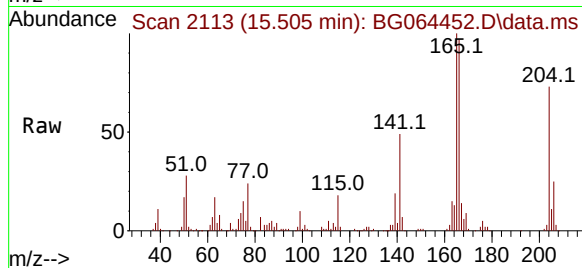
150 13.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 40.544 ng
RT: 15.505 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

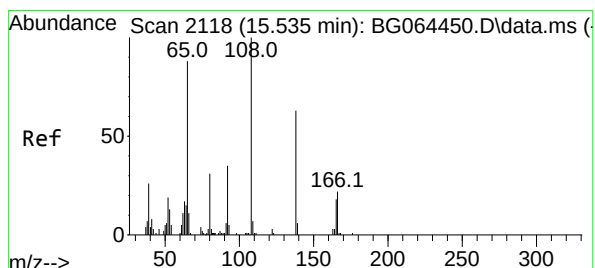
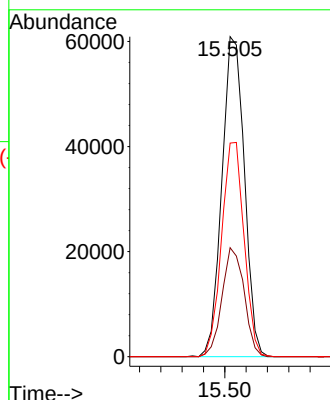
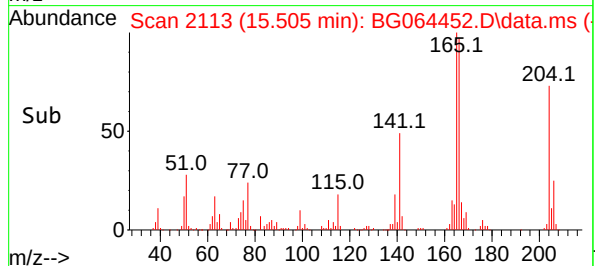
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:204 Resp: 89062
Ion Ratio Lower Upper
204 100
206 34.1 25.0 37.6
141 66.7 49.7 74.5

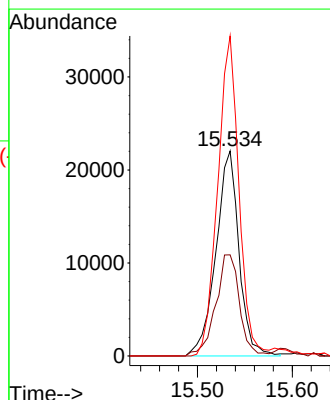
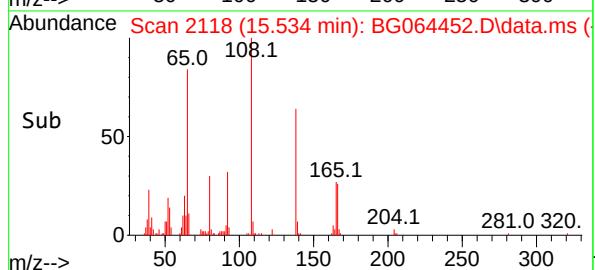
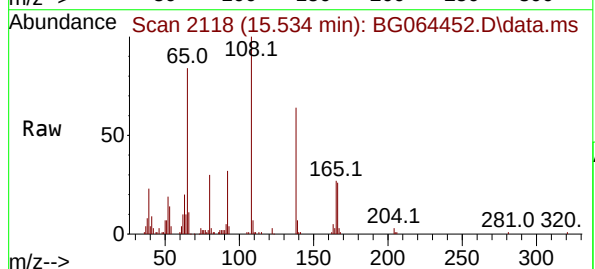
Manual Integrations
APPROVED

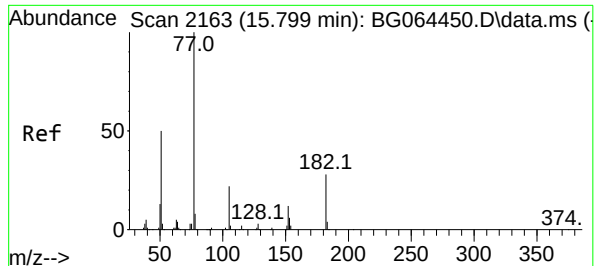
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#62
4-Nitroaniline
Concen: 42.747 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

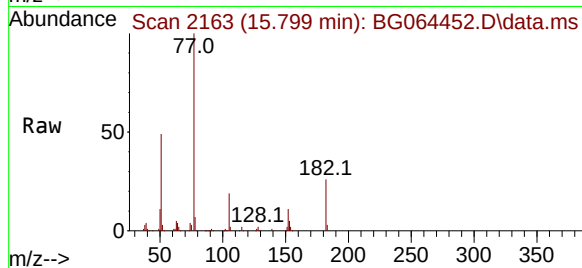
Tgt Ion:138 Resp: 37290
Ion Ratio Lower Upper
138 100
92 49.3 35.0 75.0
108 156.1 137.5 177.5





#63
Azobenzene
Concen: 42.137 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

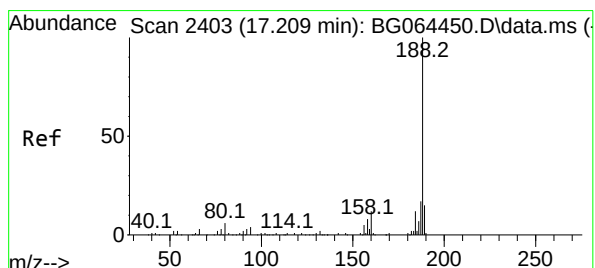
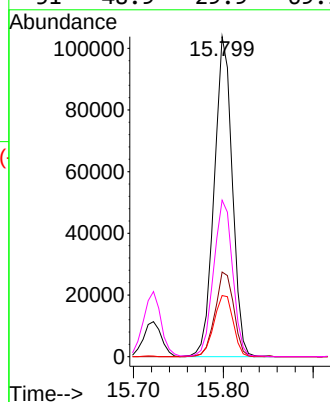
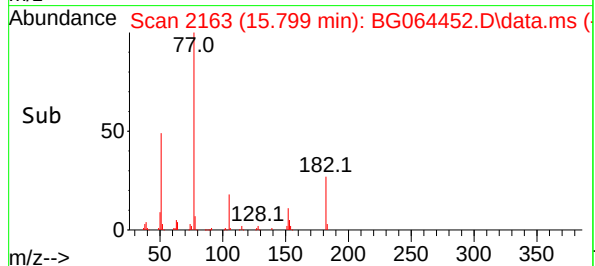
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion: 77 Resp: 14522
Ion Ratio Lower Upper
77 100
182 26.5 8.1 48.1
105 19.1 1.9 41.9
51 48.9 29.9 69.9

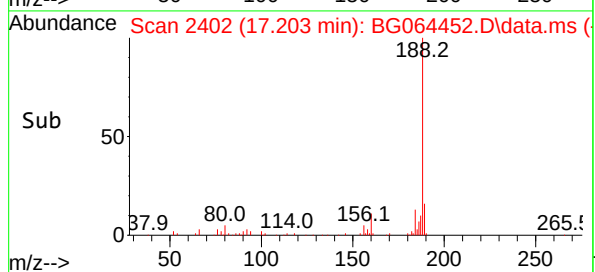
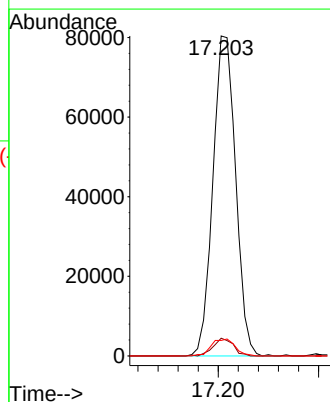
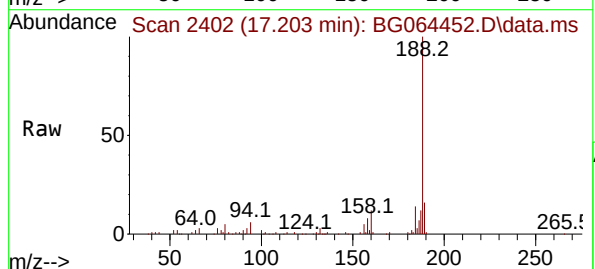
Manual Integrations
APPROVED

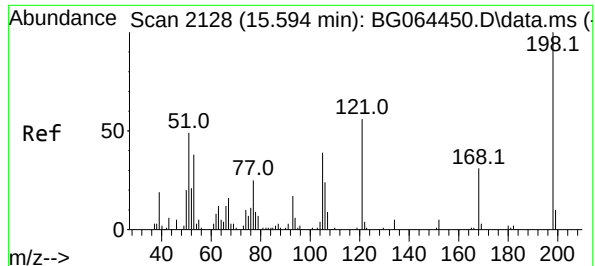
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

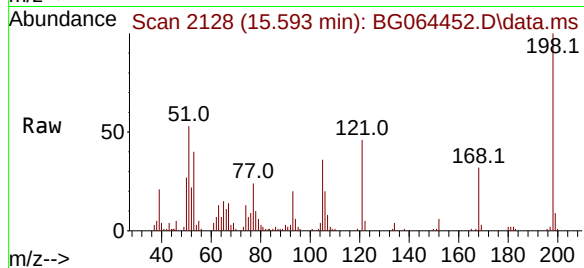
Tgt Ion:188 Resp: 126240
Ion Ratio Lower Upper
188 100
94 5.6 3.0 4.4#
80 4.8 4.9 7.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.013 ng
RT: 15.593 min Scan# 2128
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

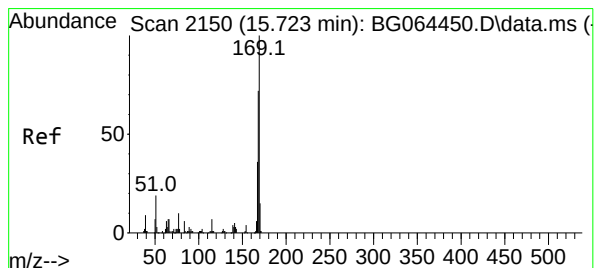
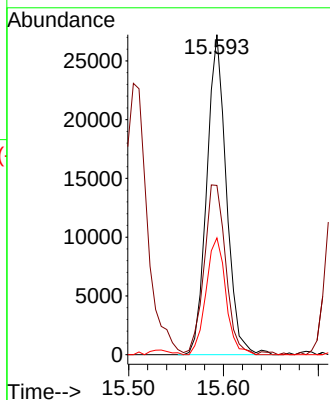
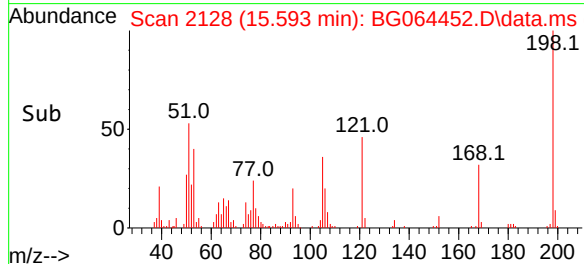
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:198 Resp: 38925
Ion Ratio Lower Upper
198 100
51 52.9 30.8 70.8
105 36.5 19.3 59.3

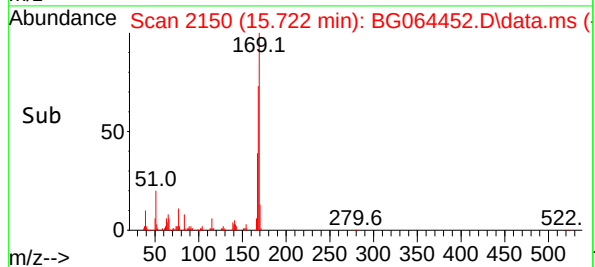
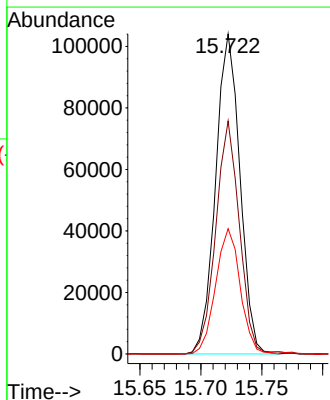
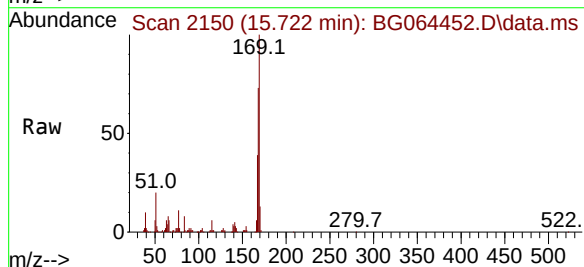
Manual Integrations
APPROVED

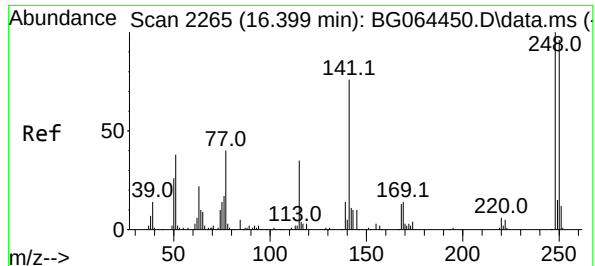
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#66
n-Nitrosodiphenylamine
Concen: 42.905 ng
RT: 15.722 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:169 Resp: 144534
Ion Ratio Lower Upper
169 100
168 72.8 57.7 86.5
167 39.1 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.233 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

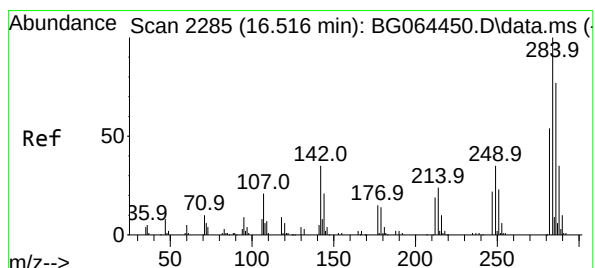
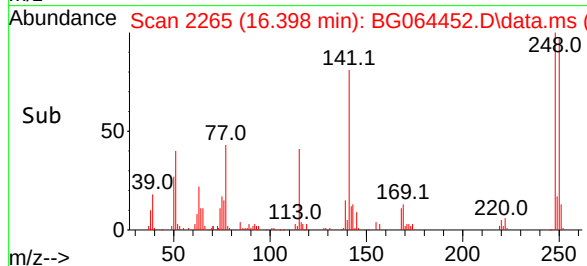
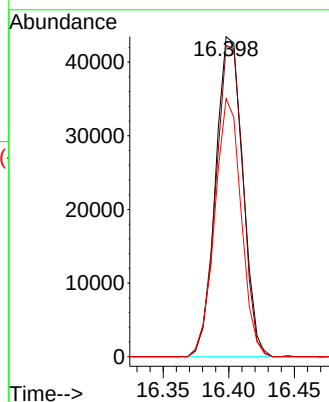
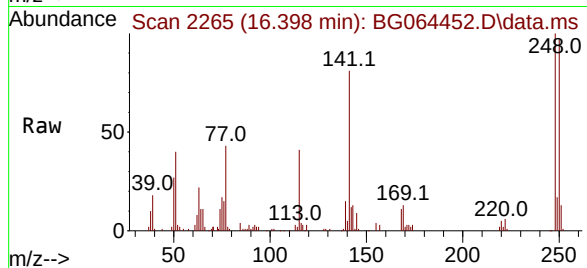
ICVBG092525

Tgt Ion:248 Resp: 62470
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 80.7 61.1 91.7

Manual Integrations

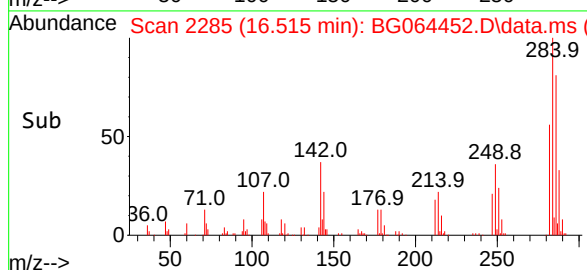
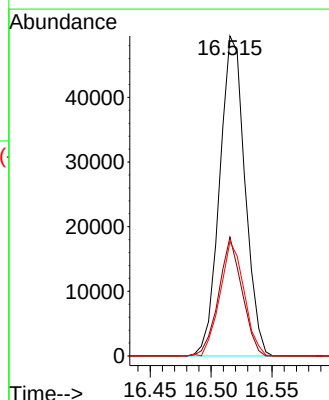
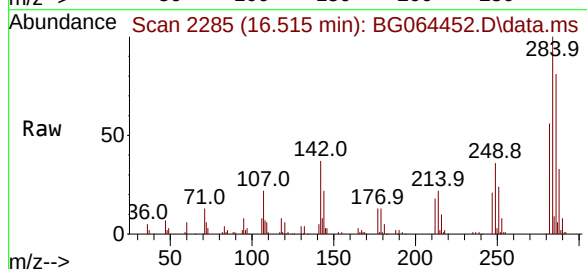
APPROVED

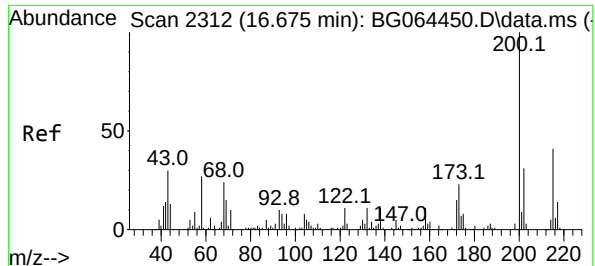
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#68
Hexachlorobenzene
Concen: 42.425 ng
RT: 16.515 min Scan# 2285
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:284 Resp: 71417
Ion Ratio Lower Upper
284 100
142 37.2 27.9 41.9
249 35.8 27.7 41.5





#69

Atrazine

Concen: 42.441 ng

RT: 16.674 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

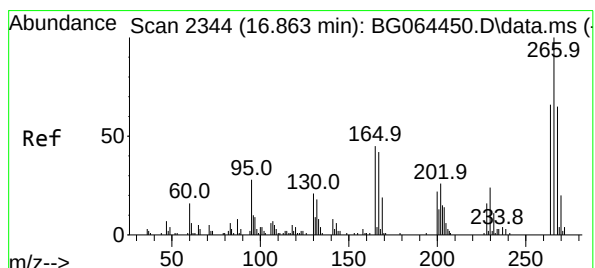
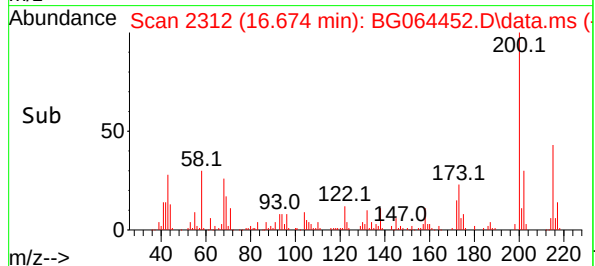
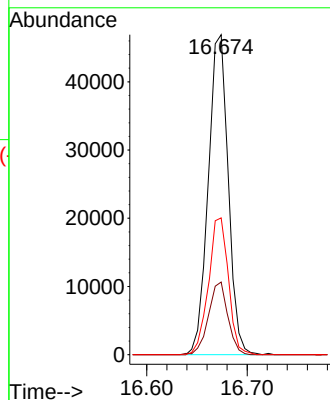
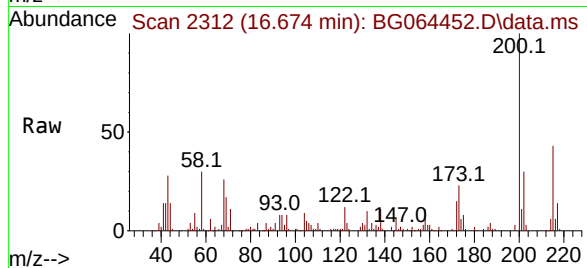
Tgt Ion	200	Resp	64954
Ion Ratio	Lower	Upper	
200	100		
173	22.7	2.9	42.9
215	42.7	21.1	61.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#70

Pentachlorophenol

Concen: 44.382 ng

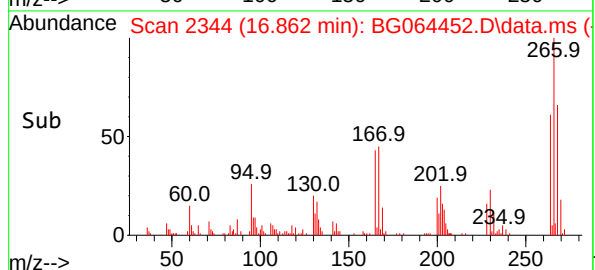
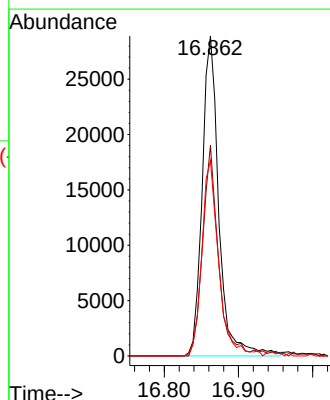
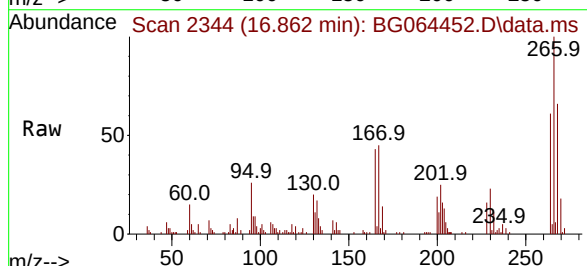
RT: 16.862 min Scan# 2344

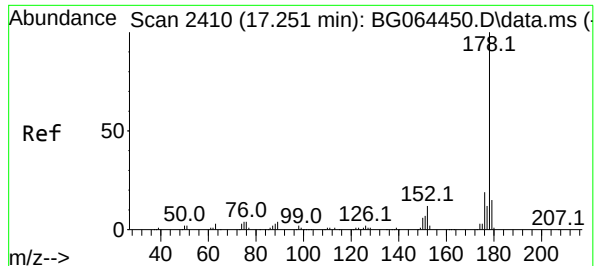
Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

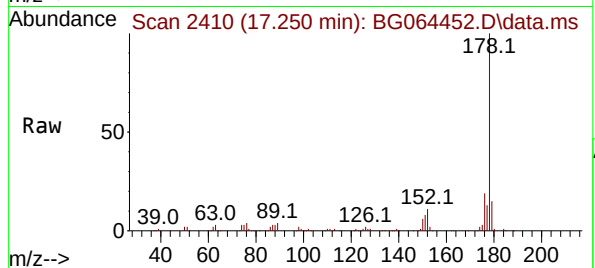
Tgt Ion	266	Resp	45088
Ion Ratio	Lower	Upper	
266	100		
268	65.8	51.9	77.9
264	61.1	52.4	78.6





#71
Phenanthrene
Concen: 43.083 ng
RT: 17.250 min Scan# 2410
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

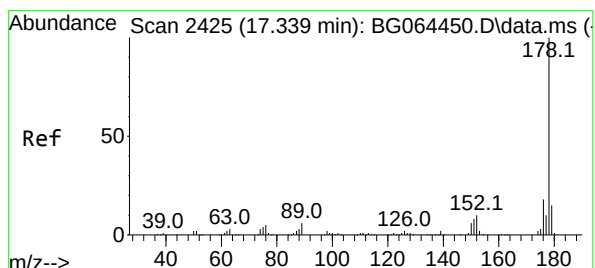
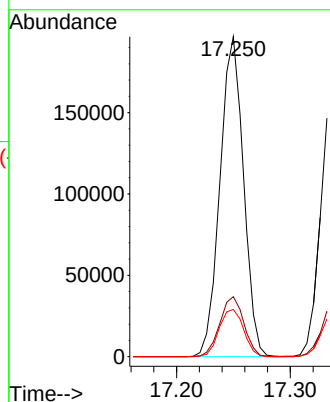
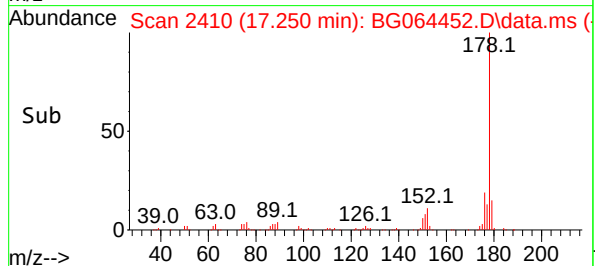
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:178 Resp: 28269
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.7 12.4 18.6

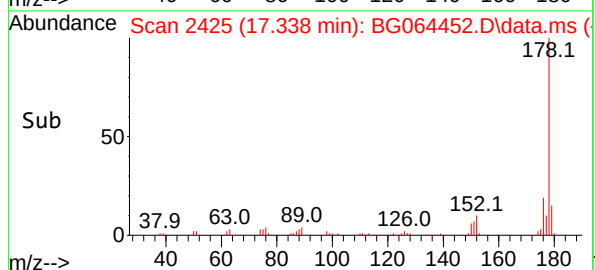
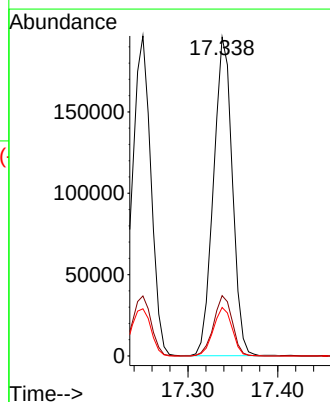
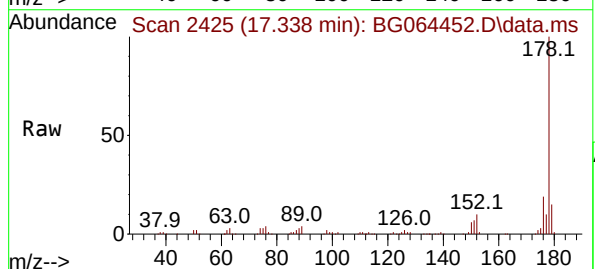
Manual Integrations
APPROVED

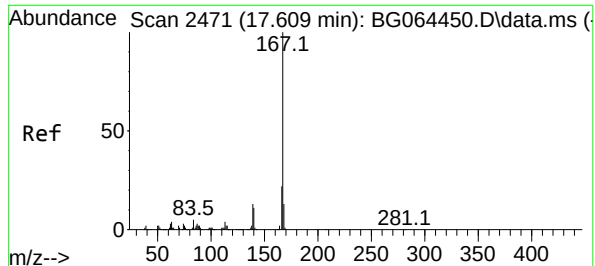
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#72
Anthracene
Concen: 42.647 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:178 Resp: 284960
Ion Ratio Lower Upper
178 100
176 18.9 14.5 21.7
179 15.2 11.9 17.9





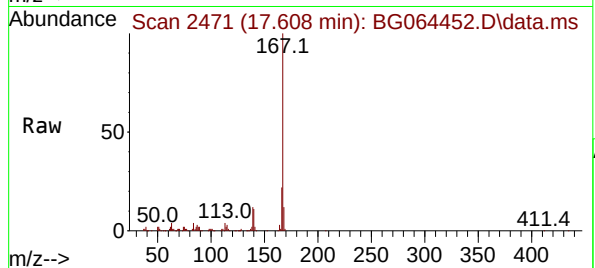
#73
Carbazole
Concen: 42.881 ng
RT: 17.608 min Scan# 2471
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

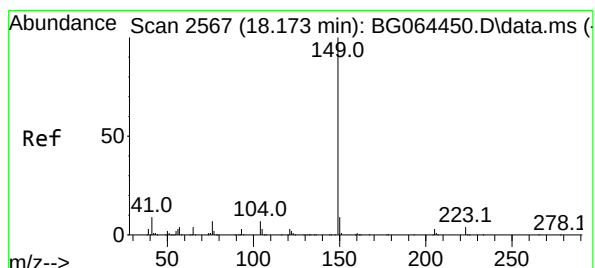
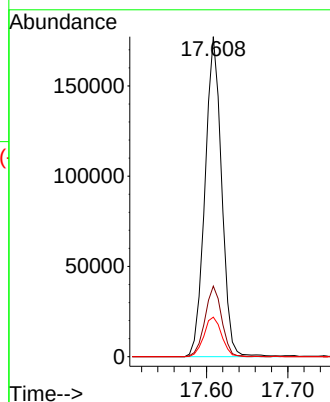
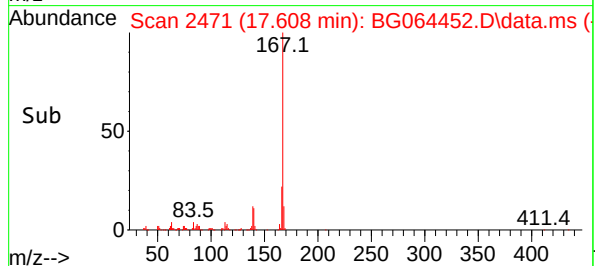


Tgt Ion:167 Resp: 251368
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.2
139 12.4 10.2 15.2

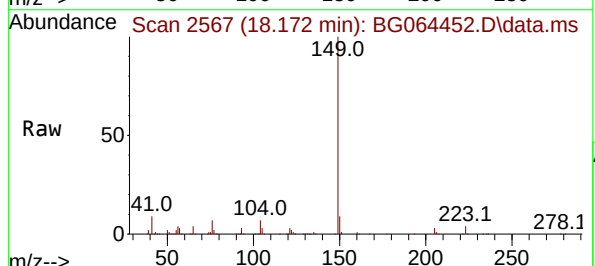
Manual Integrations

APPROVED

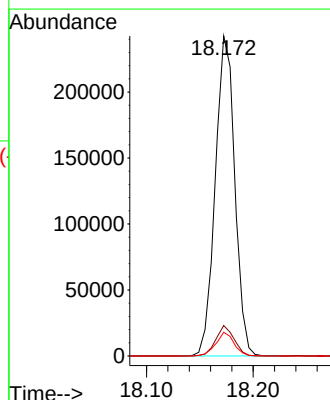
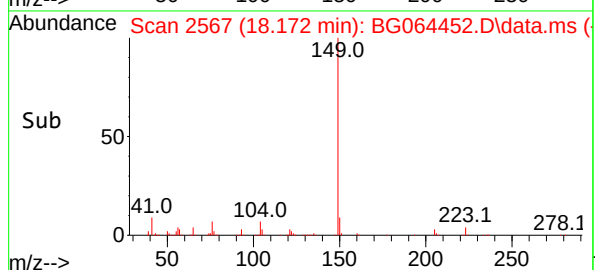
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

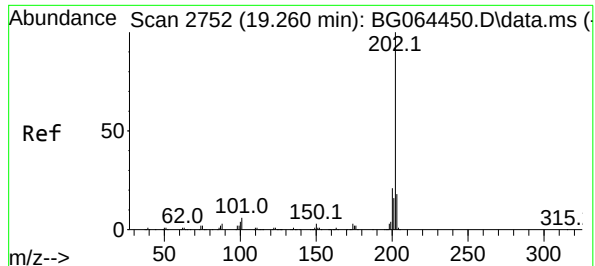


#74
Di-n-butylphthalate
Concen: 42.899 ng
RT: 18.172 min Scan# 2567
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49



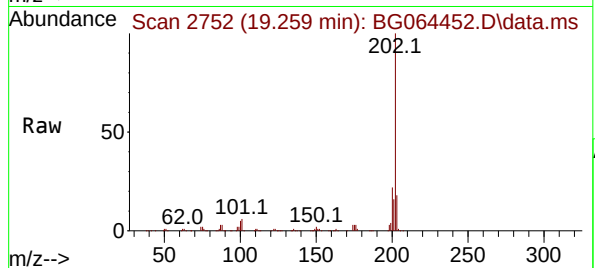
Tgt Ion:149 Resp: 307603
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 7.4 5.8 8.8





#75
Fluoranthene
Concen: 42.804 ng
RT: 19.259 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

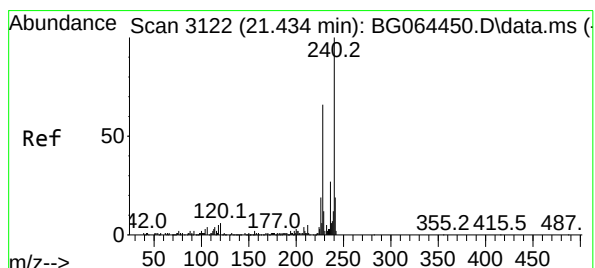
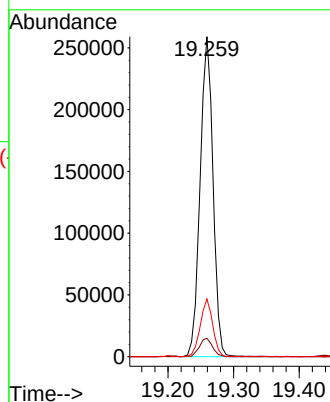
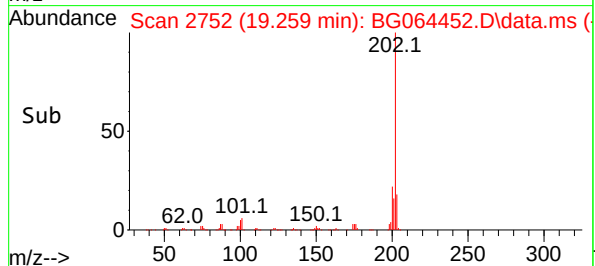
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:202 Resp: 35466
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 18.0 0.0 37.7

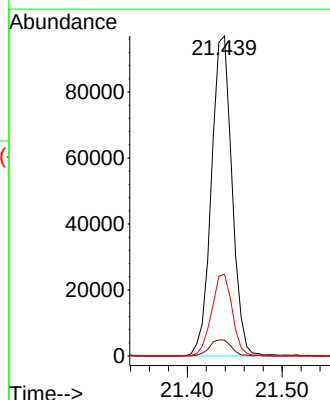
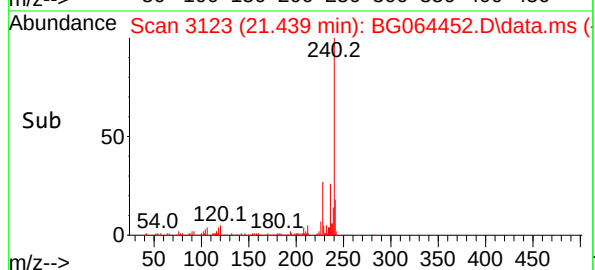
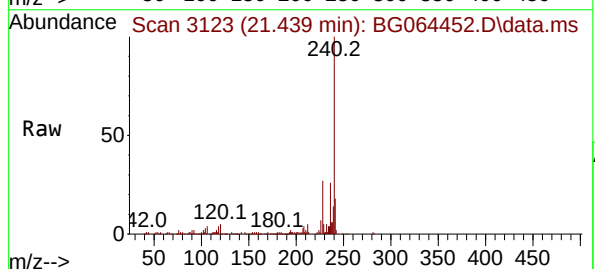
Manual Integrations
APPROVED

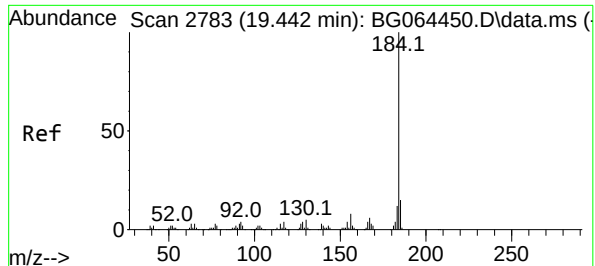
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

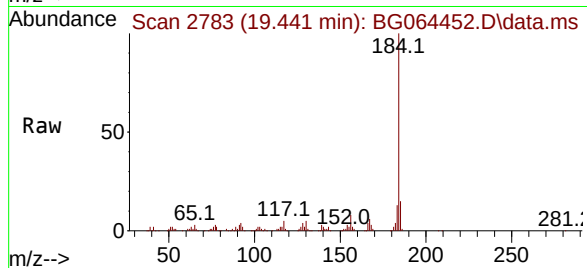
Tgt Ion:240 Resp: 146232
Ion Ratio Lower Upper
240 100
120 5.0 5.0 7.4
236 25.5 21.9 32.9





#77
Benzidine
Concen: 43.960 ng
RT: 19.441 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

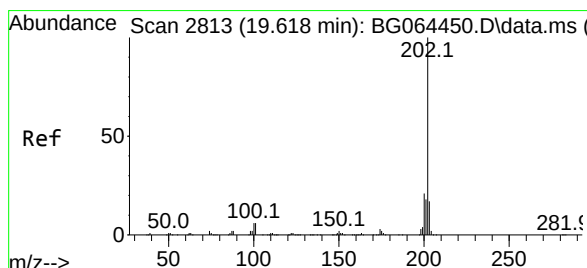
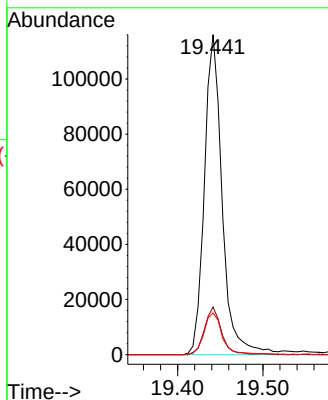
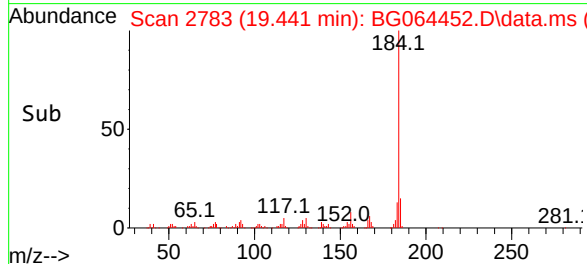
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:184 Resp: 168308
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 13.1 10.0 15.0

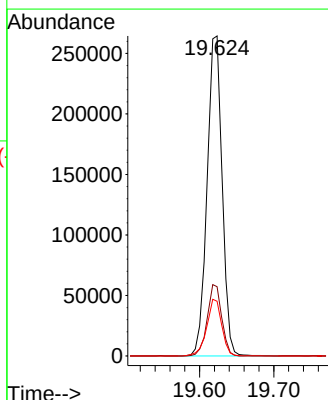
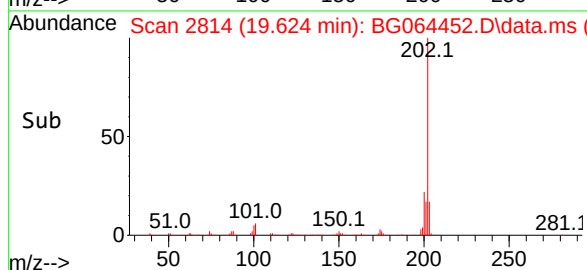
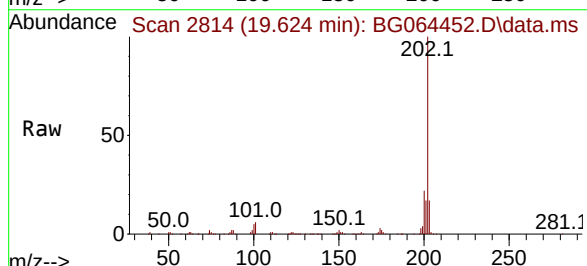
Manual Integrations
APPROVED

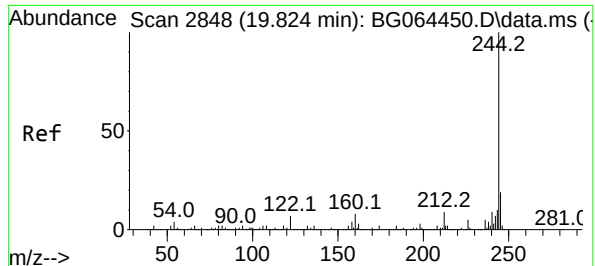
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#78
Pyrene
Concen: 41.014 ng
RT: 19.624 min Scan# 2814
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

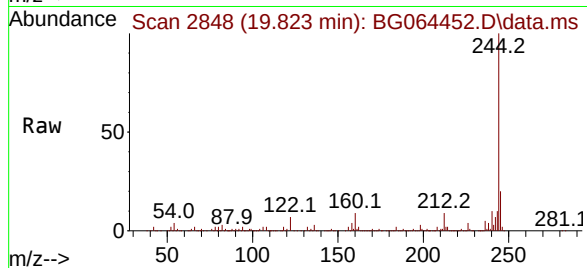
Tgt Ion:202 Resp: 372147
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.1 13.8 20.6





#79
Terphenyl-d14
Concen: 82.523 ng
RT: 19.823 min Scan# 2848
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

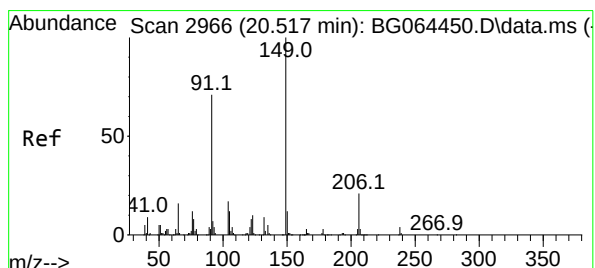
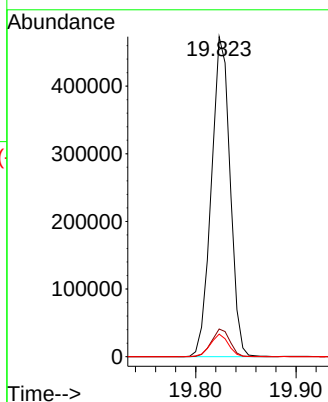
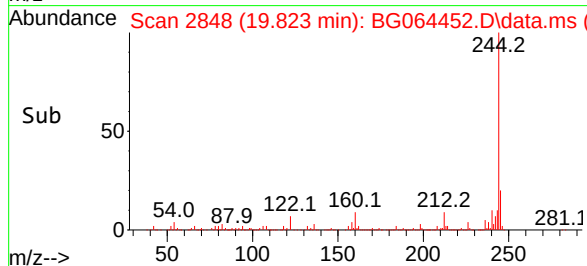
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:244 Resp: 612160
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 7.0 5.7 8.5

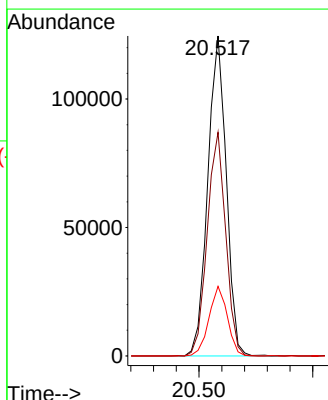
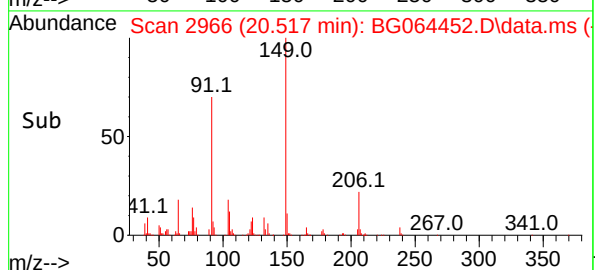
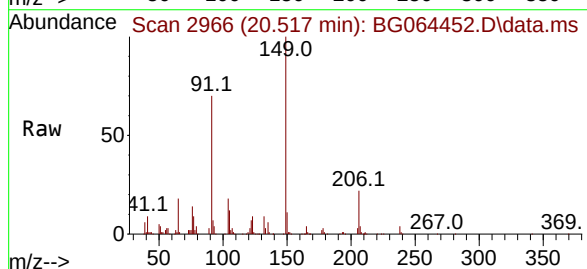
Manual Integrations
APPROVED

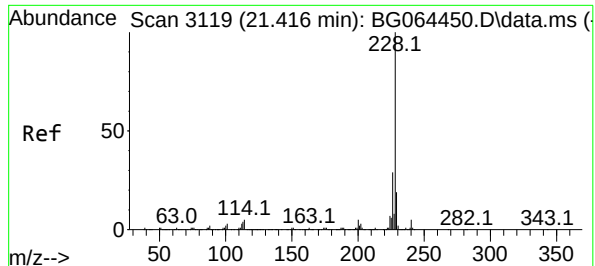
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#80
Butylbenzylphthalate
Concen: 41.346 ng
RT: 20.517 min Scan# 2966
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

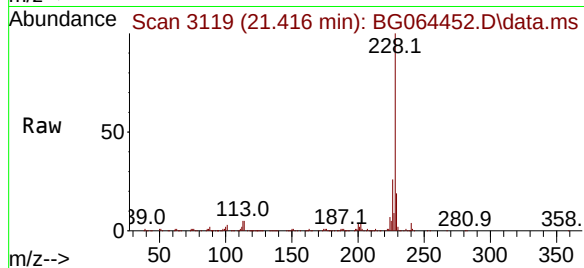
Tgt Ion:149 Resp: 140223
Ion Ratio Lower Upper
149 100
91 69.9 56.6 84.8
206 21.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.397 ng
RT: 21.416 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

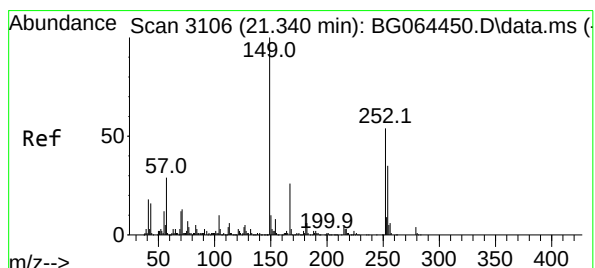
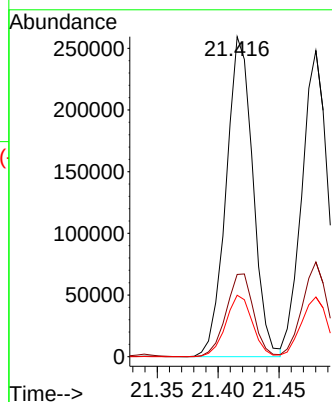
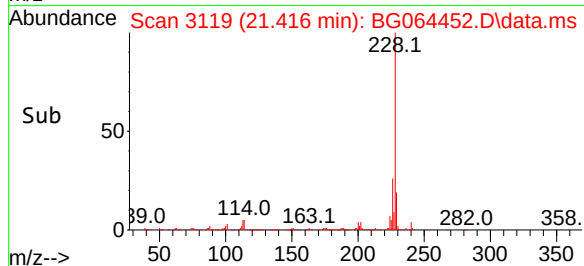
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:228 Resp: 396963
Ion Ratio Lower Upper
228 100
226 25.7 23.0 34.6
229 19.2 15.1 22.7

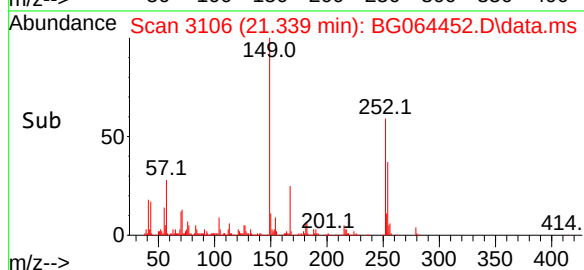
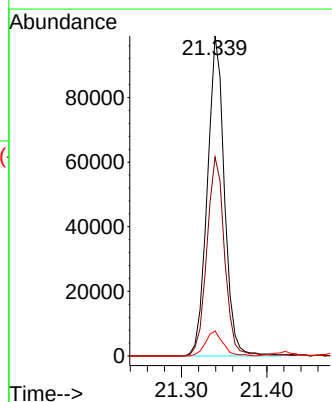
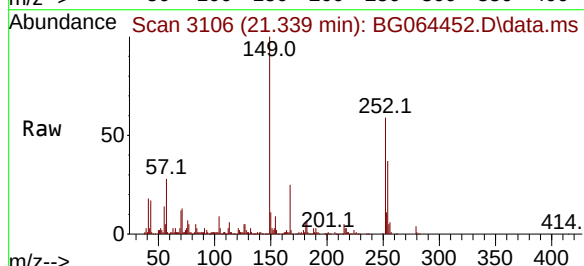
Manual Integrations
APPROVED

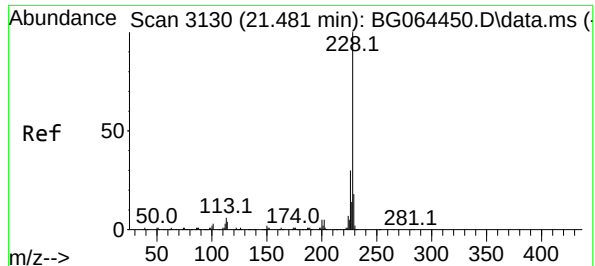
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.798 ng
RT: 21.339 min Scan# 3106
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:252 Resp: 137811
Ion Ratio Lower Upper
252 100
254 62.2 51.8 77.8
126 7.8 5.9 8.9





#83

Chrysene

Concen: 41.568 ng

RT: 21.480 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:228 Resp: 36858

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

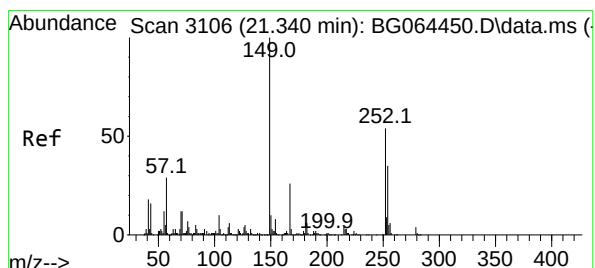
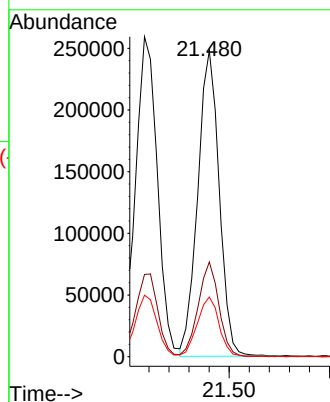
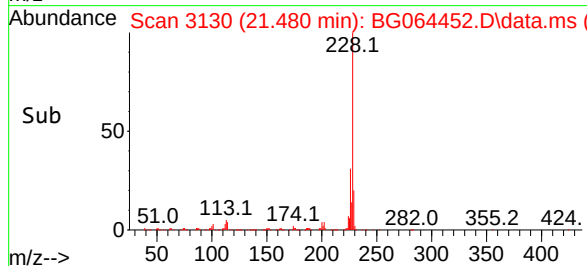
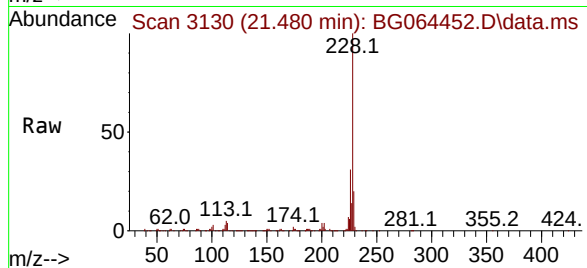
229 19.5 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.885 ng

RT: 21.339 min Scan# 3106

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

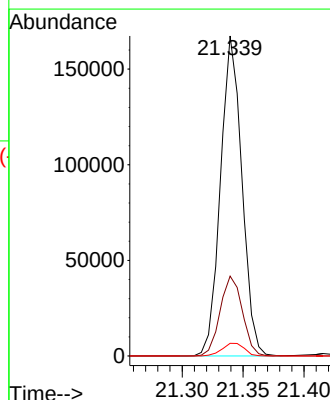
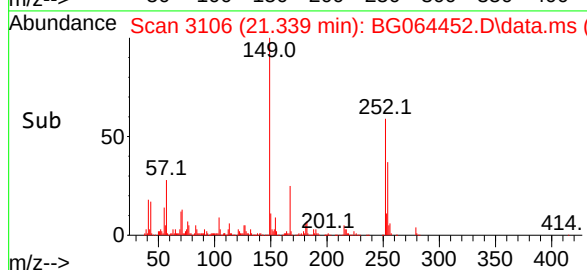
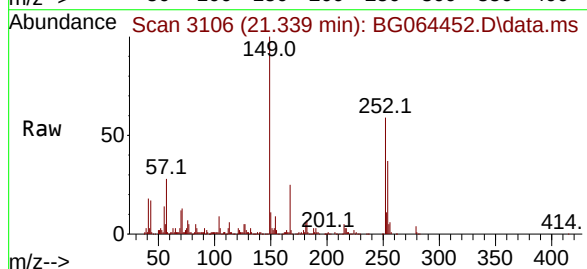
Tgt Ion:149 Resp: 204628

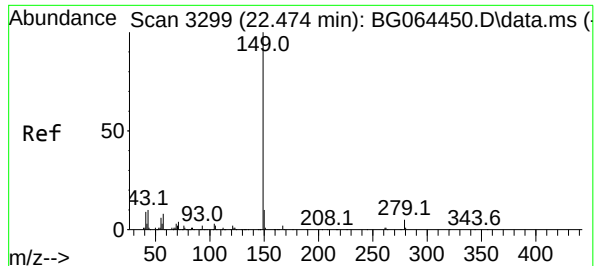
Ion Ratio Lower Upper

149 100

167 24.9 20.6 31.0

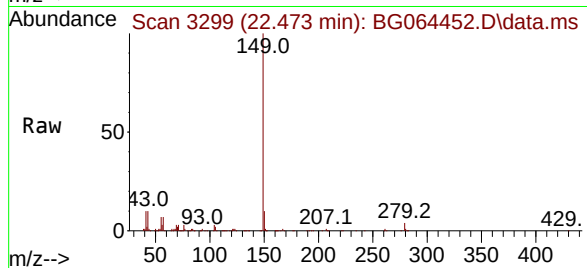
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.850 ng
RT: 22.473 min Scan# 3299
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

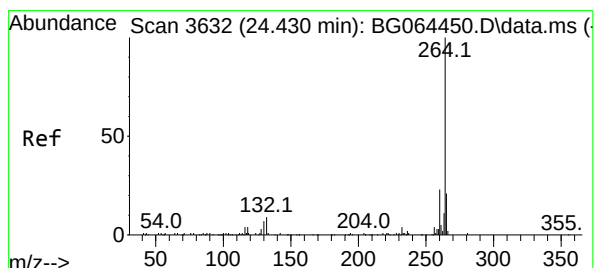
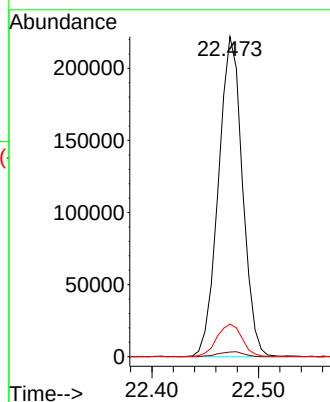
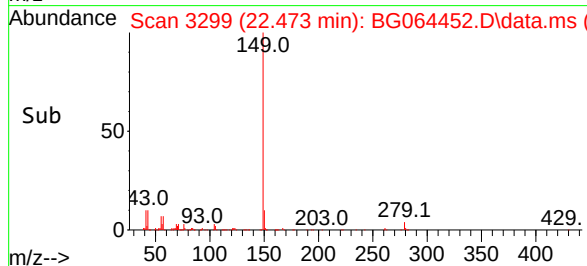
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:149 Resp: 347549
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.8 13.2

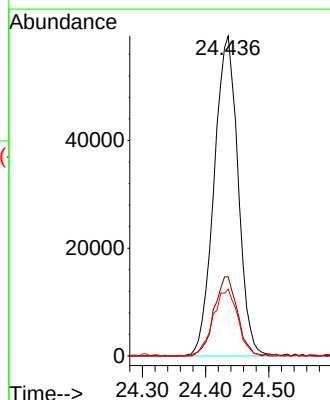
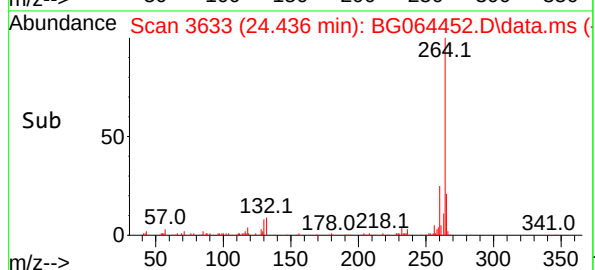
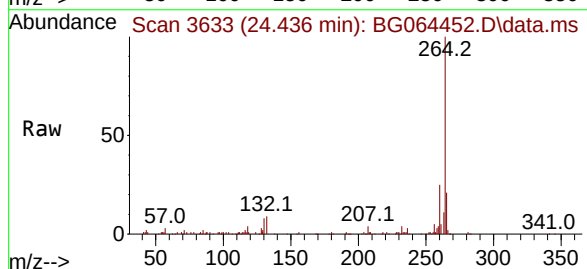
Manual Integrations
APPROVED

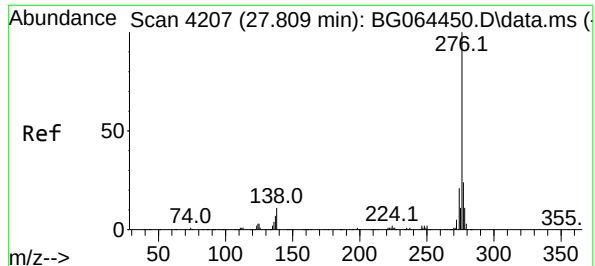
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.436 min Scan# 3633
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

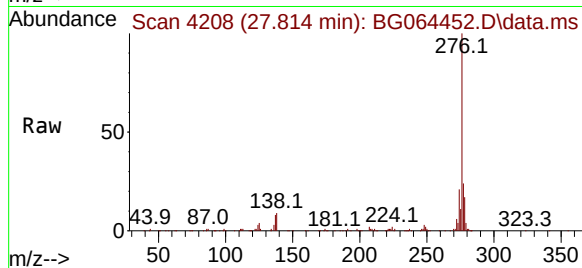
Tgt Ion:264 Resp: 156297
Ion Ratio Lower Upper
264 100
260 24.8 18.6 27.8
265 20.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.249 ng
RT: 27.814 min Scan# 4208
Delta R.T. 0.005 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

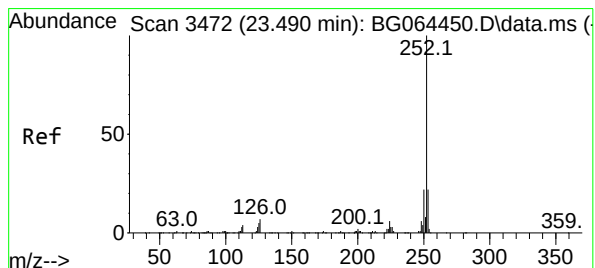
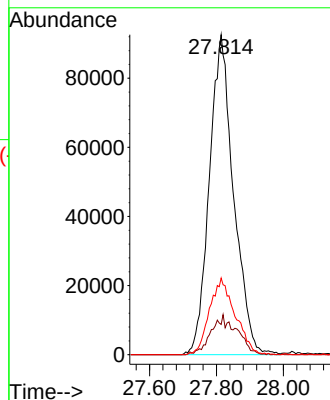
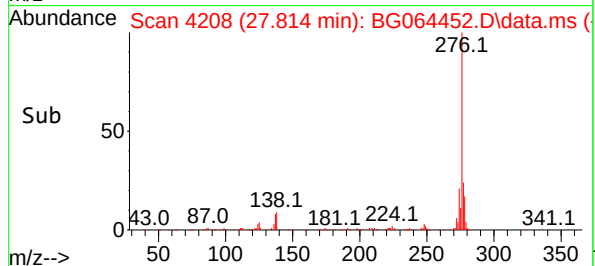
Instrument :
BNA_G
ClientSampleId :
ICVBG092525



Tgt Ion:276 Resp: 466709
Ion Ratio Lower Upper
276 100
138 9.6 10.3 15.5
277 25.2 19.2 28.8

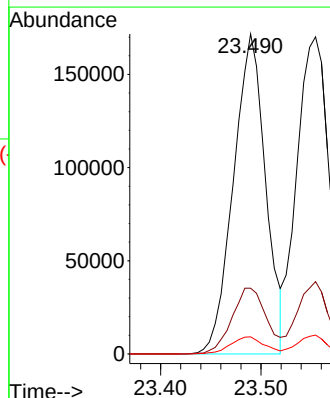
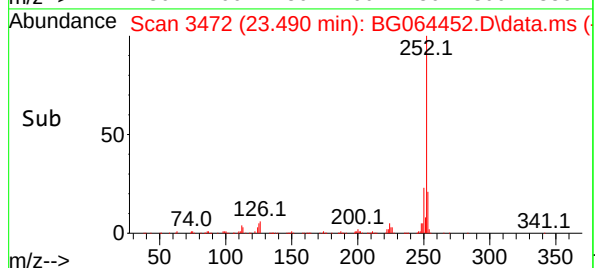
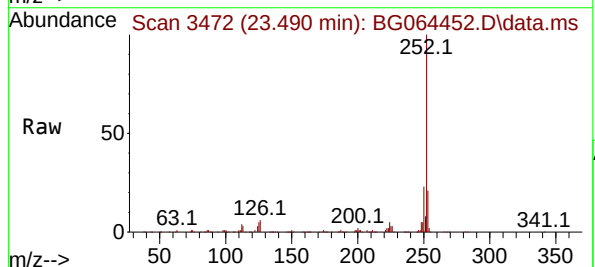
Manual Integrations
APPROVED

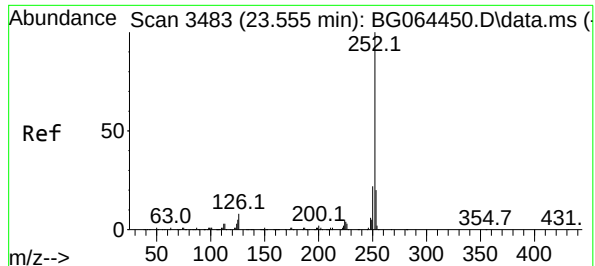
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#88
Benzo(b)fluoranthene
Concen: 42.662 ng
RT: 23.490 min Scan# 3472
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:252 Resp: 382245
Ion Ratio Lower Upper
252 100
253 20.5 17.3 25.9
125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 42.775 ng

RT: 23.554 min Scan# 34

Delta R.T. -0.001 min

Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Instrument :

BNA_G

ClientSampleId :

ICVBG092525

Tgt Ion:252 Resp: 38344

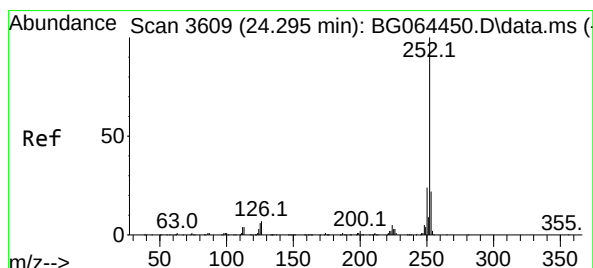
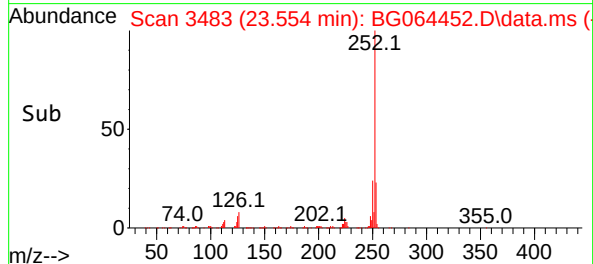
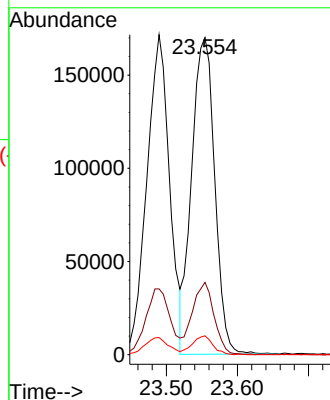
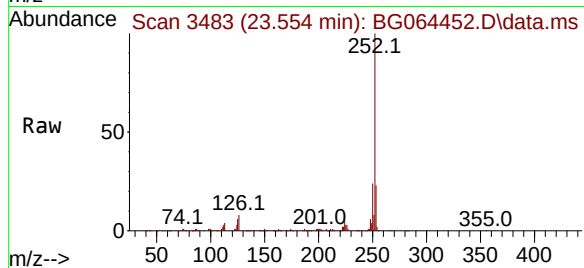
Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.6	24.8
125	5.9	4.4	6.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/03/2025

Supervised By :Jagrut Upadhyay 10/03/2025



#90

Benzo(a)pyrene

Concen: 42.343 ng

RT: 24.295 min Scan# 3609

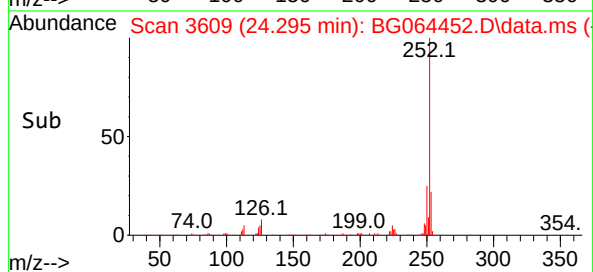
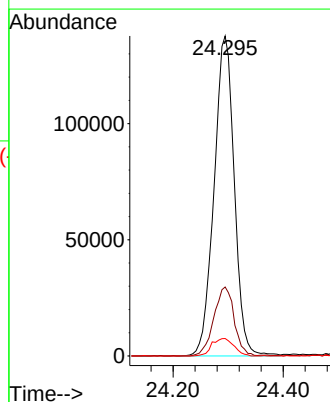
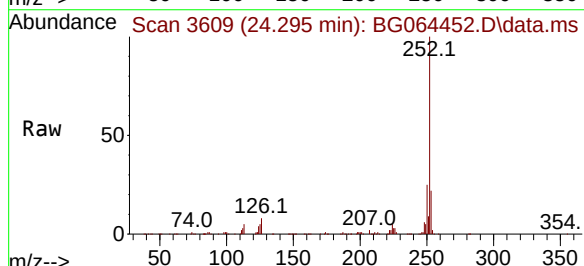
Delta R.T. -0.001 min

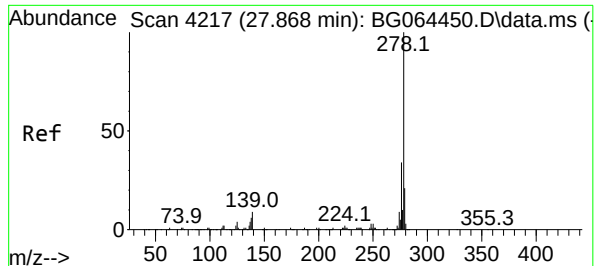
Lab File: BG064452.D

Acq: 25 Sep 2025 20:49

Tgt Ion:252 Resp: 351441

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	5.5	4.6	7.0





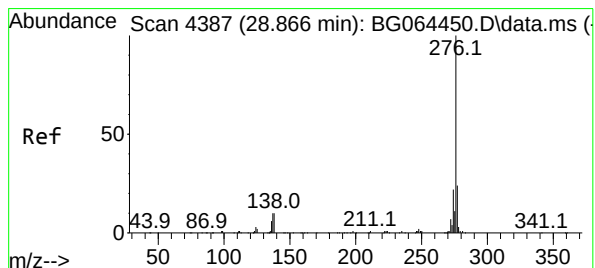
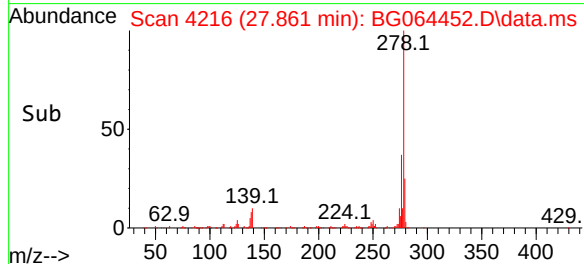
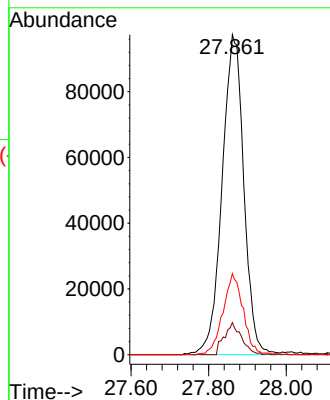
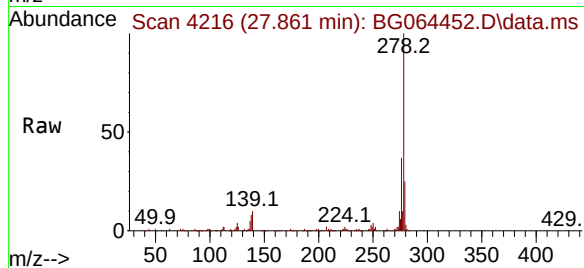
#91
Dibenzo(a,h)anthracene
Concen: 42.277 ng
RT: 27.861 min Scan# 4217
Delta R.T. -0.007 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Tgt Ion:278 Resp: 378600
Ion Ratio Lower Upper
278 100
139 10.0 6.9 10.3
279 25.3 17.2 25.8

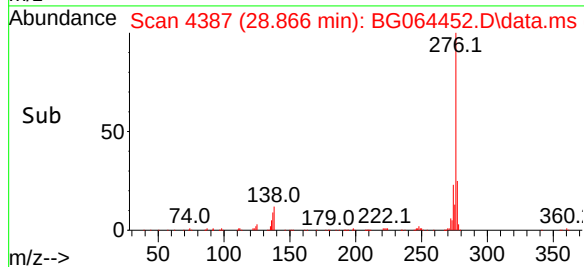
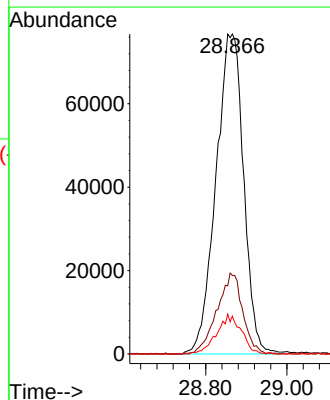
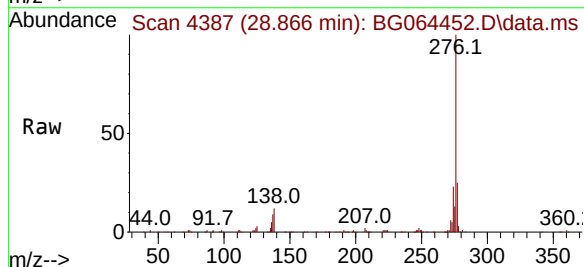
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025



#92
Benzo(g,h,i)perylene
Concen: 42.161 ng
RT: 28.866 min Scan# 4387
Delta R.T. -0.001 min
Lab File: BG064452.D
Acq: 25 Sep 2025 20:49

Tgt Ion:276 Resp: 362608
Ion Ratio Lower Upper
276 100
277 24.5 19.3 28.9
138 11.8 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	105	0.00
2	1,4-Dioxane	0.439	0.429	2.3	99	0.00
3	Pyridine	1.184	1.196	-1.0	97	0.00
4	n-Nitrosodimethylamine	0.904	0.962	-6.4	108	0.00
5 S	2-Fluorophenol	1.047	1.165	-11.3	109	0.00
6	Aniline	1.857	2.035	-9.6	104	0.00
7 S	Phenol-d6	1.434	1.594	-11.2	106	0.00
8	2-Chlorophenol	1.309	1.437	-9.8	103	0.00
9	Benzaldehyde	1.220	2.116	-73.4#	144	0.00
10 C	Phenol	1.552	1.685	-8.6	105	0.00
11	bis(2-Chloroethyl)ether	1.042	1.153	-10.7	104	0.00
12	1,3-Dichlorobenzene	1.468	1.605	-9.3	108	0.00
13 C	1,4-Dichlorobenzene	1.499	1.625	-8.4	103	0.00
14	1,2-Dichlorobenzene	1.421	1.607	-13.1	108	0.00
15	Benzyl Alcohol	1.351	1.442	-6.7	103	0.00
16	2,2'-oxybis(1-Chloropropane	1.818	1.868	-2.8	100	0.00
17	2-Methylphenol	1.122	1.199	-6.9	102	0.00
18	Hexachloroethane	0.566	0.612	-8.1	104	0.00
19 P	n-Nitroso-di-n-propylamine	0.969	1.098	-13.3	107	0.00
20	3+4-Methylphenols	1.577	1.652	-4.8	103	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22	Acetophenone	0.479	0.520	-8.6	103	0.00
23 S	Nitrobenzene-d5	0.369	0.414	-12.2	106	0.00
24	Nitrobenzene	0.360	0.400	-11.1	104	0.00
25	Isophorone	0.683	0.735	-7.6	106	0.00
26 C	2-Nitrophenol	0.177	0.201	-13.6	109	0.00
27	2,4-Dimethylphenol	0.286	0.317	-10.8	104	0.00
28	bis(2-Chloroethoxy)methane	0.353	0.383	-8.5	106	0.00
29 C	2,4-Dichlorophenol	0.329	0.351	-6.7	100	0.00
30	1,2,4-Trichlorobenzene	0.352	0.383	-8.8	104	0.00
31	Naphthalene	1.044	1.123	-7.6	105	0.00
32	Benzoic acid	0.222	0.257	-15.8	114	0.00
33	4-Chloroaniline	0.382	0.422	-10.5	103	0.00
34 C	Hexachlorobutadiene	0.300	0.328	-9.3	104	0.00
35	Caprolactam	0.109	0.111	-1.8	101	0.00
36 C	4-Chloro-3-methylphenol	0.390	0.419	-7.4	105	0.00
37	2-Methylnaphthalene	0.788	0.864	-9.6	106	0.00
38	1-Methylnaphthalene	0.775	0.835	-7.7	105	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40	1,2,4,5-Tetrachlorobenzene	0.637	0.688	-8.0	105	0.00
41 P	Hexachlorocyclopentadiene	0.339	0.356	-5.0	104	0.00
42 S	2,4,6-Tribromophenol	0.349	0.368	-5.4	105	0.00
43 C	2,4,6-Trichlorophenol	0.416	0.446	-7.2	105	0.00
44	2,4,5-Trichlorophenol	0.454	0.488	-7.5	107	0.00
45 S	2-Fluorobiphenyl	1.354	1.445	-6.7	107	0.00
46	1,1'-Biphenyl	1.423	1.528	-7.4	107	0.00
47	2-Chloronaphthalene	1.081	1.137	-5.2	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	0.372	0.405	-8.9	106	0.00
49	Acenaphthylene	1.605	1.694	-5.5	104	0.00
50	Dimethylphthalate	1.528	1.584	-3.7	105	0.00
51	2,6-Dinitrotoluene	0.321	0.331	-3.1	100	0.00
52 C	Acenaphthene	1.099	1.168	-6.3	104	0.00
53	3-Nitroaniline	0.304	0.321	-5.6	101	0.00
54 P	2,4-Dinitrophenol	0.213	0.217	-1.9	103	0.00
55	Dibenzofuran	1.821	1.892	-3.9	105	0.00
56 P	4-Nitrophenol	0.246	0.259	-5.3	103	0.00
57	2,4-Dinitrotoluene	0.490	0.522	-6.5	106	0.00
58	Fluorene	1.504	1.584	-5.3	104	0.00
59	2,3,4,6-Tetrachlorophenol	0.452	0.479	-6.0	101	0.00
60	Diethylphthalate	1.646	1.688	-2.6	101	0.00
61	4-Chlorophenyl-phenylether	0.821	0.832	-1.3	100	0.00
62	4-Nitroaniline	0.326	0.348	-6.7	102	0.00
63	Azobenzene	1.288	1.357	-5.4	104	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	101	0.00
65	4,6-Dinitro-2-methylphenol	0.137	0.154	-12.4	103	0.00
66 c	n-Nitrosodiphenylamine	0.534	0.572	-7.1	103	0.00
67	4-Bromophenyl-phenylether	0.234	0.247	-5.6	99	0.00
68	Hexachlorobenzene	0.267	0.283	-6.0	101	0.00
69	Atrazine	0.242	0.257	-6.2	101	0.00
70 C	Pentachlorophenol	0.161	0.179	-11.2	102	0.00
71	Phenanthrene	1.040	1.120	-7.7	101	0.00
72	Anthracene	1.059	1.129	-6.6	102	0.00
73	Carbazole	0.929	0.996	-7.2	99	0.00
74	Di-n-butylphthalate	1.136	1.218	-7.2	100	0.00
75 C	Fluoranthene	1.313	1.405	-7.0	100	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	105	0.00
77	Benzydine	0.524	0.575	-9.7	87	0.00
78	Pyrene	1.241	1.272	-2.5	100	0.00
79 S	Terphenyl-d14	1.015	1.047	-3.2	100	0.00
80	Butylbenzylphthalate	0.464	0.479	-3.2	100	0.00
81	Benzo(a)anthracene	1.281	1.357	-5.9	104	0.00
82	3,3'-Dichlorobenzidine	0.440	0.471	-7.0	104	0.00
83	Chrysene	1.213	1.260	-3.9	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.668	0.700	-4.8	103	0.00
85 c	Di-n-octyl phthalate	1.136	1.188	-4.6	103	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.414	1.493	-5.6	103	0.00
88	Benzo(b)fluoranthene	1.147	1.223	-6.6	103	0.00
89	Benzo(k)fluoranthene	1.147	1.227	-7.0	104	0.00
90 C	Benzo(a)pyrene	1.062	1.124	-5.8	103	0.00
91	Dibenzo(a,h)anthracene	1.146	1.211	-5.7	104	0.00
92	Benzo(g,h,i)perylene	1.101	1.160	-5.4	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064452.D
Acq On : 25 Sep 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Quant Time: Sep 29 18:06:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	105	0.00
2	1,4-Dioxane	40.000	39.050	2.4	99	0.00
3	Pyridine	40.000	40.404	-1.0	97	0.00
4	n-Nitrosodimethylamine	40.000	42.542	-6.4	108	0.00
5 S	2-Fluorophenol	80.000	89.046	-11.3	109	0.00
6	Aniline	40.000	43.838	-9.6	104	0.00
7 S	Phenol-d6	80.000	88.911	-11.1	106	0.00
8	2-Chlorophenol	40.000	43.886	-9.7	103	0.00
9	Benzaldehyde	40.000	69.353	-73.4#	144	0.00
10 C	Phenol	40.000	43.407	-8.5	105	0.00
11	bis(2-Chloroethyl)ether	40.000	44.230	-10.6	104	0.00
12	1,3-Dichlorobenzene	40.000	43.753	-9.4	108	0.00
13 C	1,4-Dichlorobenzene	40.000	43.365	-8.4	103	0.00
14	1,2-Dichlorobenzene	40.000	45.232	-13.1	108	0.00
15	Benzyl Alcohol	40.000	42.683	-6.7	103	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.116	-2.8	100	0.00
17	2-Methylphenol	40.000	42.777	-6.9	102	0.00
18	Hexachloroethane	40.000	43.270	-8.2	104	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	45.317	-13.3	107	0.00
20	3+4-Methylphenols	40.000	41.921	-4.8	103	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22	Acetophenone	40.000	43.454	-8.6	103	0.00
23 S	Nitrobenzene-d5	80.000	89.848	-12.3	106	0.00
24	Nitrobenzene	40.000	44.460	-11.2	104	0.00
25	Isophorone	40.000	43.048	-7.6	106	0.00
26 C	2-Nitrophenol	40.000	45.321	-13.3	109	0.00
27	2,4-Dimethylphenol	40.000	44.292	-10.7	104	0.00
28	bis(2-Chloroethoxy)methane	40.000	43.392	-8.5	106	0.00
29 C	2,4-Dichlorophenol	40.000	42.684	-6.7	100	0.00
30	1,2,4-Trichlorobenzene	40.000	43.539	-8.8	104	0.00
31	Naphthalene	40.000	43.038	-7.6	105	0.00
32	Benzoic acid	40.000	46.391	-16.0	114	0.00
33	4-Chloroaniline	40.000	44.175	-10.4	103	0.00
34 C	Hexachlorobutadiene	40.000	43.780	-9.5	104	0.00
35	Caprolactam	40.000	41.004	-2.5	101	0.00
36 C	4-Chloro-3-methylphenol	40.000	42.917	-7.3	105	0.00
37	2-Methylnaphthalene	40.000	43.854	-9.6	106	0.00
38	1-Methylnaphthalene	40.000	43.108	-7.8	105	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	43.176	-7.9	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.097	-5.2	104	0.00
42 S	2,4,6-Tribromophenol	80.000	84.250	-5.3	105	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.907	-7.3	105	0.00
44	2,4,5-Trichlorophenol	40.000	43.074	-7.7	107	0.00
45 S	2-Fluorobiphenyl	80.000	85.338	-6.7	107	0.00
46	1,1'-Biphenyl	40.000	42.963	-7.4	107	0.00
47	2-Chloronaphthalene	40.000	42.063	-5.2	106	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064452.D
 Acq On : 25 Sep 2025 20:49
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG092525

Quant Time: Sep 29 18:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	43.591	-9.0	106	0.00
49	Acenaphthylene	40.000	42.205	-5.5	104	0.00
50	Dimethylphthalate	40.000	41.467	-3.7	105	0.00
51	2,6-Dinitrotoluene	40.000	41.233	-3.1	100	0.00
52 C	Acenaphthene	40.000	42.520	-6.3	104	0.00
53	3-Nitroaniline	40.000	42.264	-5.7	101	0.00
54 P	2,4-Dinitrophenol	40.000	40.795	-2.0	103	0.00
55	Dibenzofuran	40.000	41.540	-3.8	105	0.00
56 P	4-Nitrophenol	40.000	42.132	-5.3	103	0.00
57	2,4-Dinitrotoluene	40.000	42.615	-6.5	106	0.00
58	Fluorene	40.000	42.130	-5.3	104	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.332	-5.8	101	0.00
60	Diethylphthalate	40.000	41.011	-2.5	101	0.00
61	4-Chlorophenyl-phenylether	40.000	40.544	-1.4	100	0.00
62	4-Nitroaniline	40.000	42.747	-6.9	102	0.00
63	Azobenzene	40.000	42.137	-5.3	104	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	101	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.013	-12.5	103	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.905	-7.3	103	0.00
67	4-Bromophenyl-phenylether	40.000	42.233	-5.6	99	0.00
68	Hexachlorobenzene	40.000	42.425	-6.1	101	0.00
69	Atrazine	40.000	42.441	-6.1	101	0.00
70 C	Pentachlorophenol	40.000	44.382	-11.0	102	0.00
71	Phenanthrene	40.000	43.083	-7.7	101	0.00
72	Anthracene	40.000	42.647	-6.6	102	0.00
73	Carbazole	40.000	42.881	-7.2	99	0.00
74	Di-n-butylphthalate	40.000	42.899	-7.2	100	0.00
75 C	Fluoranthene	40.000	42.804	-7.0	100	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	105	0.00
77	Benzydine	40.000	43.960	-9.9	87	0.00
78	Pyrene	40.000	41.014	-2.5	100	0.00
79 S	Terphenyl-d14	80.000	82.523	-3.2	100	0.00
80	Butylbenzylphthalate	40.000	41.346	-3.4	100	0.00
81	Benzo(a)anthracene	40.000	42.397	-6.0	104	0.00
82	3,3'-Dichlorobenzidine	40.000	42.798	-7.0	104	0.00
83	Chrysene	40.000	41.568	-3.9	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.885	-4.7	103	0.00
85 c	Di-n-octyl phthalate	40.000	41.850	-4.6	103	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.249	-5.6	103	0.00
88	Benzo(b)fluoranthene	40.000	42.662	-6.7	103	0.00
89	Benzo(k)fluoranthene	40.000	42.775	-6.9	104	0.00
90 C	Benzo(a)pyrene	40.000	42.343	-5.9	103	0.00
91	Dibenzo(a,h)anthracene	40.000	42.277	-5.7	104	0.00
92	Benzo(g,h,i)perylene	40.000	42.161	-5.4	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064452.D
Acq On : 25 Sep 2025 20:49
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG092525

Quant Time: Sep 29 18:06:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: SCIA01
 Lab Code: ACE SDG No.: Q3215
 Instrument ID: BNA_F Calibration Date/Time: 09/29/2025 11:09
 Lab File ID: BF143820.D Init. Calib. Date(s): 09/23/2025 09/23/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 15:27
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.267		2.9	
Phenol-d6	1.422	1.479		4.0	
Nitrobenzene-d5	0.327	0.297		-9.2	
Naphthalene	0.957	0.977		2.1	
2-Fluorobiphenyl	1.282	1.341		4.6	
Acenaphthylene	1.604	1.672		4.2	
Acenaphthene	1.056	1.095		3.7	20.0
Fluorene	1.110	1.140		2.7	
2,4,6-Tribromophenol	0.296	0.260		-12.2	
Phenanthrene	1.027	1.072		4.4	
Anthracene	1.030	1.078		4.7	
Fluoranthene	1.033	1.063		2.9	20.0
Pyrene	0.983	1.113		13.2	
Terphenyl-d14	0.983	1.108		12.7	
Benzo (a) anthracene	1.074	1.135		5.7	
Chrysene	0.972	1.066		9.7	
Benzo (b) fluoranthene	1.019	1.153		13.3	
Benzo (k) fluoranthene	1.023	1.003		-2.0	
Benzo (a) pyrene	0.957	1.032		7.8	20.0
Indeno (1,2,3-cd) pyrene	1.517	1.676		10.5	
Dibenzo (a,h) anthracene	1.241	1.369		10.3	
Benzo (g,h,i) perylene	1.196	1.339		12.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	142387	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	519222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254612	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	385063	20.000	ng	0.00
76) Chrysene-d12	14.057	240	381857	20.000	ng	0.00
86) Perylene-d12	15.533	264	549227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	721866	82.368	ng	0.00
7) Phenol-d6	6.504	99	842312	83.182	ng	0.00
23) Nitrobenzene-d5	7.446	82	616729	72.707	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265164	70.336	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1365791	83.708	ng	0.00
79) Terphenyl-d14	12.998	244	1692203	90.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	173701	41.409	ng	97
3) Pyridine	3.405	79	469730	41.484	ng	95
4) n-Nitrosodimethylamine	3.346	42	215698	37.991	ng	94
6) Aniline	6.546	93	600314	40.846	ng	100
8) 2-Chlorophenol	6.669	128	362598	40.415	ng	99
9) Benzaldehyde	6.440	77	350272	39.500	ng	96
10) Phenol	6.522	94	512090	43.508	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	383720	41.590	ng	97
12) 1,3-Dichlorobenzene	6.828	146	428392	41.124	ng	99
13) 1,4-Dichlorobenzene	6.904	146	425812	40.960	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409712	41.612	ng	100
15) Benzyl Alcohol	7.022	79	307991	42.094	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	804325	36.764	ng	97
17) 2-Methylphenol	7.128	107	290425	41.812	ng	100
18) Hexachloroethane	7.398	117	143745	39.318	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	256574	39.402	ng	93
20) 3+4-Methylphenols	7.281	107	354544	41.914	ng	98
22) Acetophenone	7.293	105	456623	40.040	ng	99
24) Nitrobenzene	7.469	77	351247	37.358	ng	99
25) Isophorone	7.704	82	680521	41.170	ng	98
26) 2-Nitrophenol	7.781	139	125851	33.474	ng	97
27) 2,4-Dimethylphenol	7.816	122	302592	40.957	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	443990	41.343	ng	100
29) 2,4-Dichlorophenol	8.022	162	299765	41.235	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	315036	41.758	ng	100
31) Naphthalene	8.193	128	1014518	40.816	ng	100
32) Benzoic acid	7.898	122	105865	29.699	ng	97
33) 4-Chloroaniline	8.234	127	370768	42.447	ng	99
34) Hexachlorobutadiene	8.310	225	232532	41.346	ng	100
35) Caprolactam	8.592	113	74990	40.358	ng	90
36) 4-Chloro-3-methylphenol	8.710	107	284713	41.759	ng	99
37) 2-Methylnaphthalene	8.881	142	657590	41.490	ng	99
38) 1-Methylnaphthalene	8.981	142	628951	41.459	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	325172	42.319	ng	99
41) Hexachlorocyclopentadiene	9.034	237	190936	39.209	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	207592	43.147	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	208615	41.453	ng	99
46) 1,1'-Biphenyl	9.345	154	760667	41.272	ng	99
47) 2-Chloronaphthalene	9.369	162	612067	41.256	ng	99
48) 2-Nitroaniline	9.463	65	162860	36.321	ng	100
49) Acenaphthylene	9.787	152	851325	41.683	ng	100
50) Dimethylphthalate	9.639	163	639197	41.189	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89062	34.930	ng	98
52) Acenaphthene	9.957	154	557843	41.506	ng	99
53) 3-Nitroaniline	9.869	138	120180	38.886	ng	# 98
54) 2,4-Dinitrophenol	9.975	184	29193	38.564	ng	96
55) Dibenzofuran	10.128	168	794833	41.821	ng	100
56) 4-Nitrophenol	10.022	139	83722	33.617	ng	94
57) 2,4-Dinitrotoluene	10.104	165	118219	32.257	ng	98
58) Fluorene	10.475	166	580722	41.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	182161	42.253	ng	97
60) Diethylphthalate	10.345	149	594477	40.923	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	303723	42.189	ng	99
62) 4-Nitroaniline	10.481	138	110662	38.081	ng	99
63) Azobenzene	10.628	77	619459	40.461	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	46110	35.769	ng	90
66) n-Nitrosodiphenylamine	10.581	169	537294	42.429	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	284323	43.328	ng	99
68) Hexachlorobenzene	11.022	284	379870	42.006	ng	100
69) Atrazine	11.104	200	153318	41.809	ng	98
70) Pentachlorophenol	11.210	266	183186	40.694	ng	99
71) Phenanthrene	11.433	178	825393	41.752	ng	99
72) Anthracene	11.486	178	829935	41.853	ng	99
73) Carbazole	11.639	167	713506	41.153	ng	100
74) Di-n-butylphthalate	11.975	149	815032	40.875	ng	100
75) Fluoranthene	12.628	202	818940	41.187	ng	99
77) Benzidine	12.745	184	395043	42.455	ng	99
78) Pyrene	12.857	202	849860	45.269	ng	100
80) Butylbenzylphthalate	13.475	149	293145	45.133	ng	97
81) Benzo(a)anthracene	14.045	228	866626	42.245	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	377741	42.504	ng	99
83) Chrysene	14.080	228	813944	43.849	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	402259	42.252	ng	99
85) Di-n-octyl phthalate	14.651	149	704048	40.768	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1840484	44.166	ng	99
88) Benzo(b)fluoranthene	15.098	252	1266584	45.285	ng	100
89) Benzo(k)fluoranthene	15.127	252	1101605	39.203	ng	100
90) Benzo(a)pyrene	15.474	252	1133843	43.127	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1504266	44.134	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1471144	44.776	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Abundance

TIC: BF143820.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodimethylamine, Pyridine,

2-Fluorophenol, S

Phenol-d6, S

Bis(2-Chlorophenyl)phthalate, C

1,3-Dichlorobenzene, C

1,4-Dichlorobenzene, C

Benzyl Alcohol, C

Hexachlorobutadiene

Nitrobenzene-d5, S

4-Methylphenol, S

2-Nitrophenol, C

Benzene, acid

2-Chlorophenol, C

Naphthalene

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2,4,6-Trichlorophenol, C

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

2,4-Dinitrophenol, C

2,4,6-Trinitrophenol, C

2,3,4,6-Tetrachlorophthalate

4,6-Dinitro-2-methylphenol

Azobenzene

4-Bromophenyl-phenylamine, C

4-Chlorophenyl-phenylamine, C

4-Bromophenyl-phenylamine, C

4-Chlorophenyl-phenylamine, C

Acenaphthylene

Dibenzofuran

n-Nitrosodimethylamine, C

4-Bromophenyl-phenylamine, C

4-Chlorophenyl-phenylamine, C

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Butylbenzylphthalate

3,3'-Dichlorobenzophenone-d12,1, Chrysene

Di-n-octyl phthalate, c

Benzene-d12,1

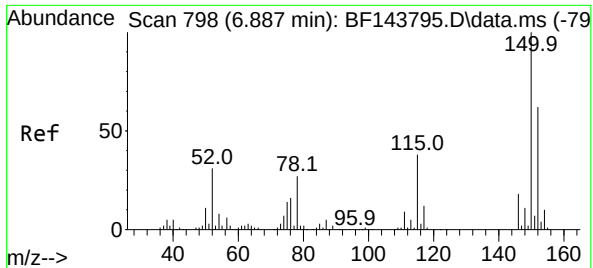
Benzo(a)pyrene, C

Benzo(a)anthracene

Indene(1,2,3-b)pyrene, C

Benzo(g,h,i)perylene

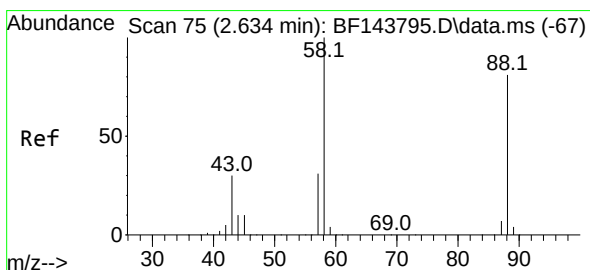
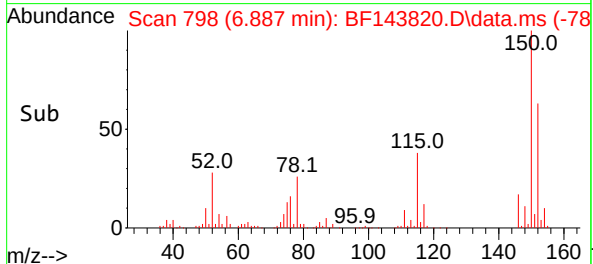
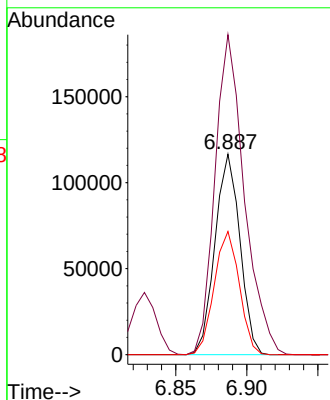
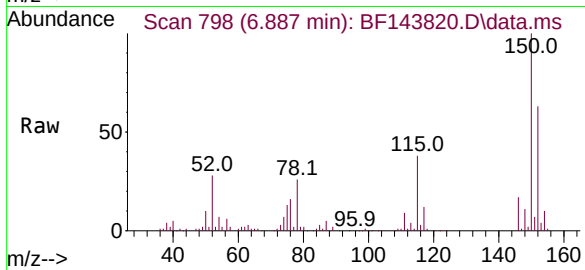
Benzo(a)anthracene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

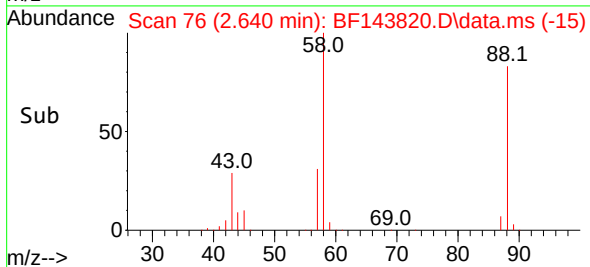
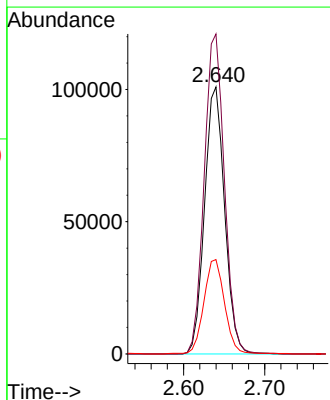
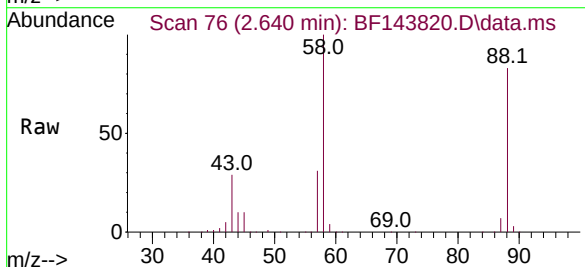
Instrument :
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ClientSampleId :
SSTDCCC040

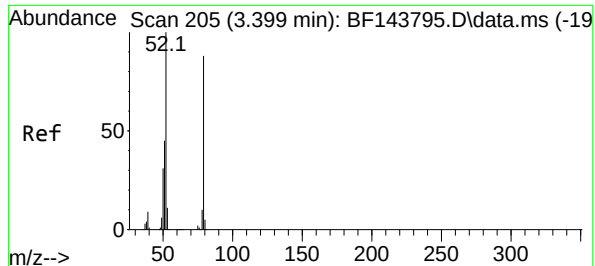
Tgt Ion:152 Resp: 142387
Ion Ratio Lower Upper
152 100
150 159.7 129.6 194.4
115 61.4 49.0 73.4



#2
1,4-Dioxane
Concen: 41.409 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 88 Resp: 173701
Ion Ratio Lower Upper
88 100
58 120.4 99.4 149.2
43 36.4 30.6 45.8

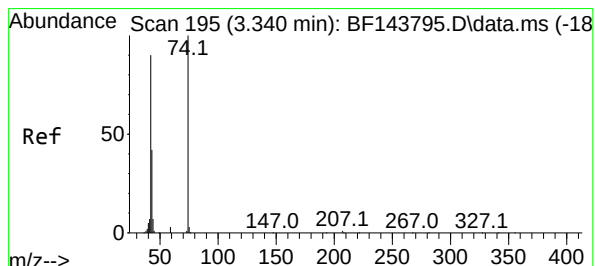
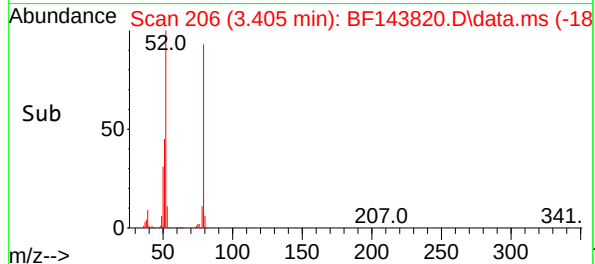
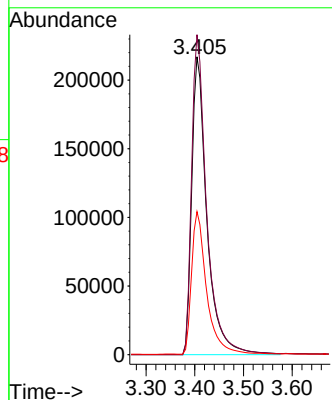
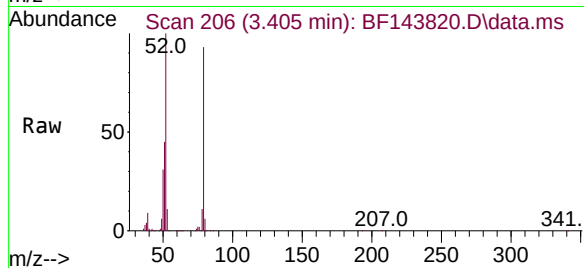




#3
Pyridine
Concen: 41.484 ng
RT: 3.405 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

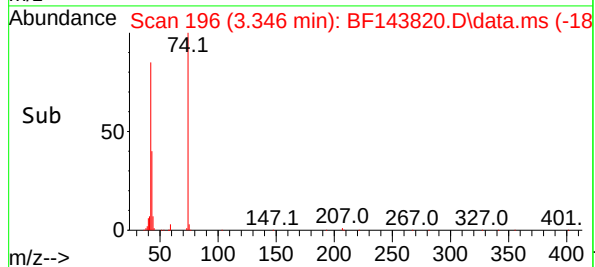
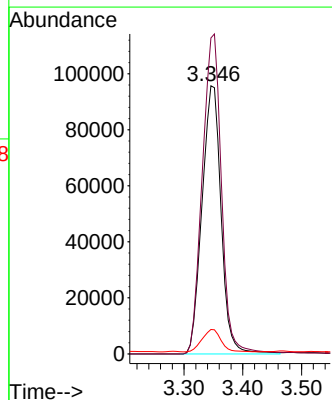
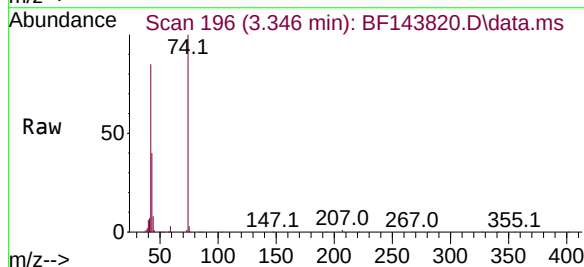
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

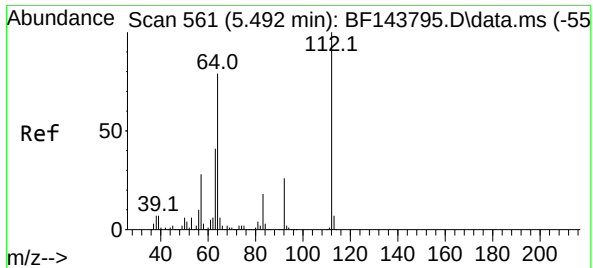
Tgt Ion: 79 Resp: 469730
Ion Ratio Lower Upper
79 100
52 107.5 90.5 135.7
51 48.0 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 37.991 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 42 Resp: 215698
Ion Ratio Lower Upper
42 100
74 117.9 89.1 133.7
44 9.1 6.4 9.6

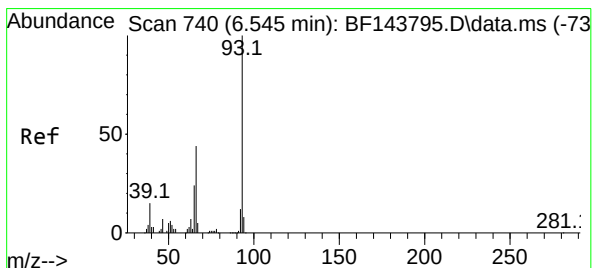
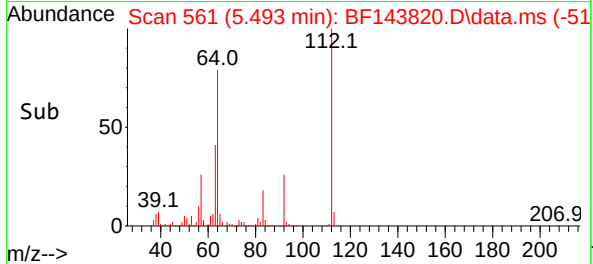
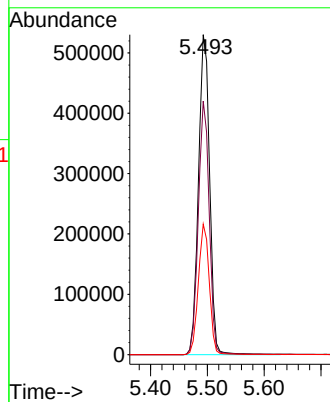
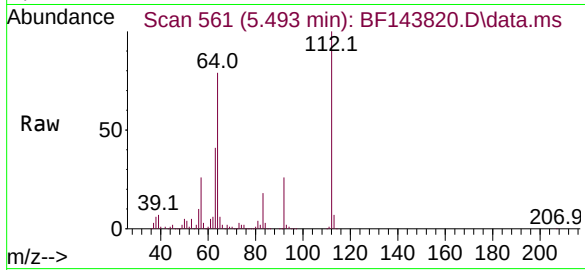




#5
2-Fluorophenol
Concen: 82.368 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

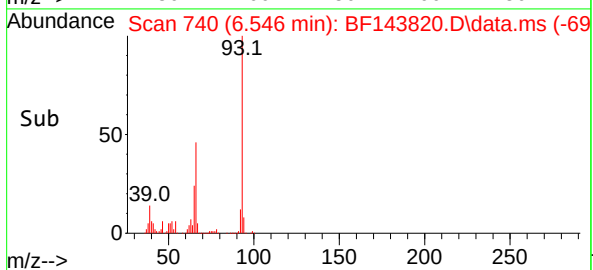
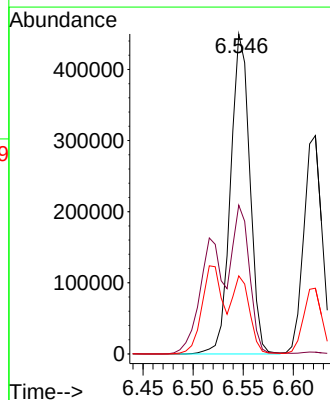
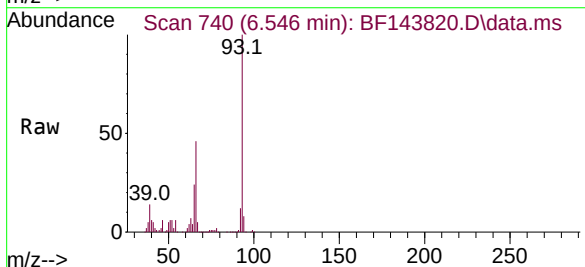
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

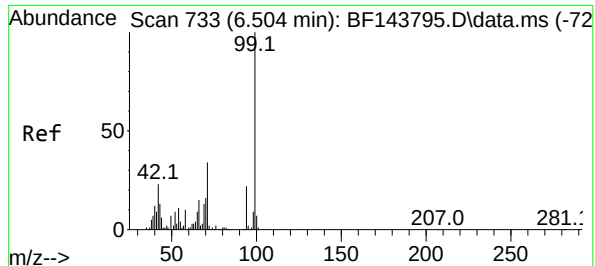
Tgt Ion:112 Resp: 721866
Ion Ratio Lower Upper
112 100
64 79.2 63.0 94.4
63 40.8 32.6 49.0



#6
Aniline
Concen: 40.846 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 93 Resp: 600314
Ion Ratio Lower Upper
93 100
66 46.5 37.1 55.7
65 24.4 19.4 29.0

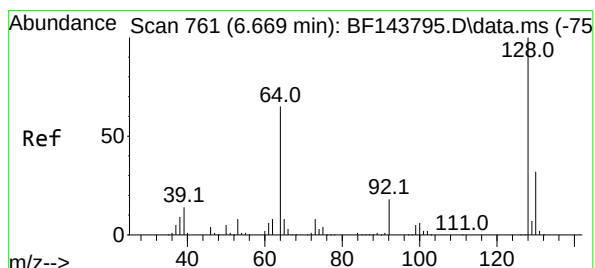
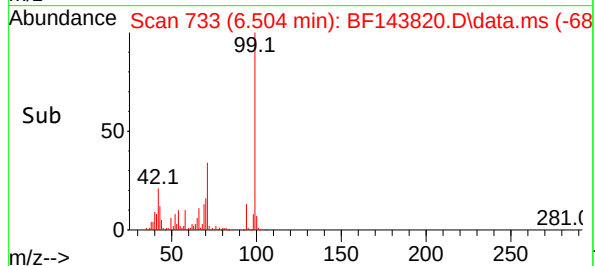
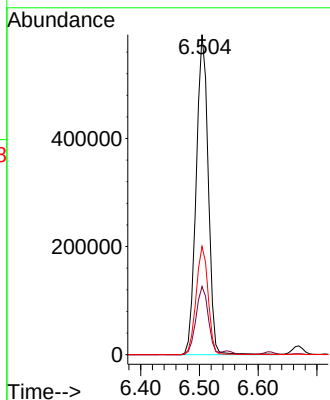
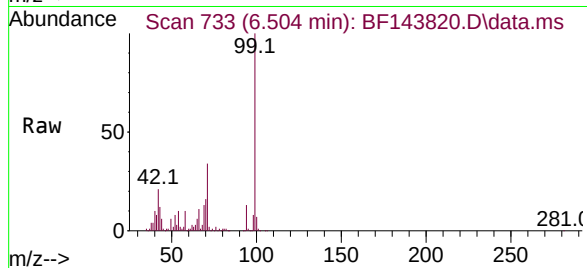




#7
Phenol-d6
Concen: 83.182 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

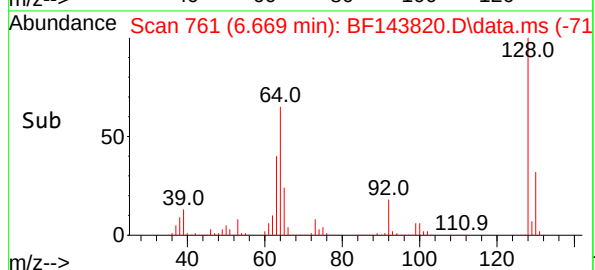
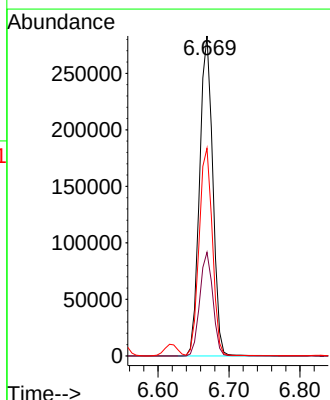
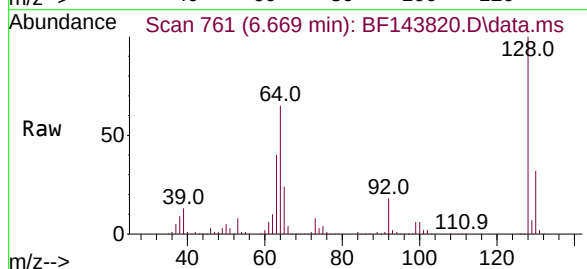
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

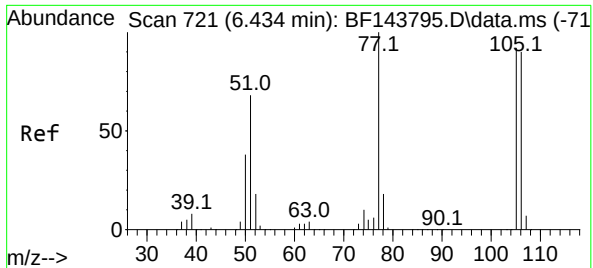
Tgt Ion: 99 Resp: 842312
Ion Ratio Lower Upper
99 100
42 21.3 18.6 28.0
71 33.8 27.0 40.4



#8
2-Chlorophenol
Concen: 40.415 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 128 Resp: 362598
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 64.9 46.5 86.5

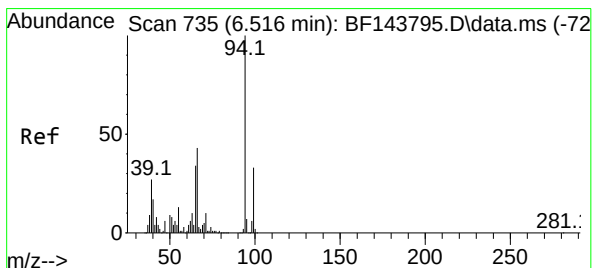
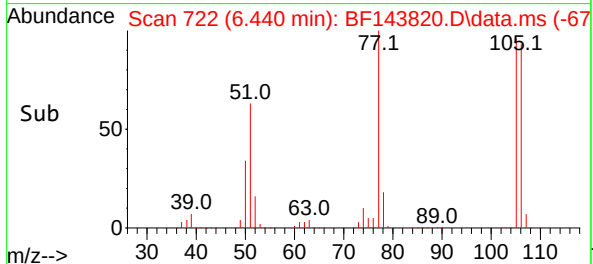
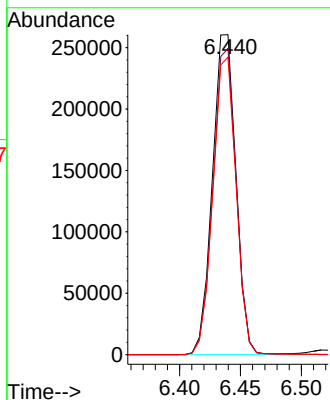
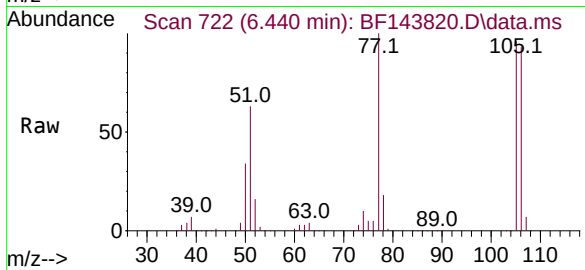




#9
Benzaldehyde
Concen: 39.500 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

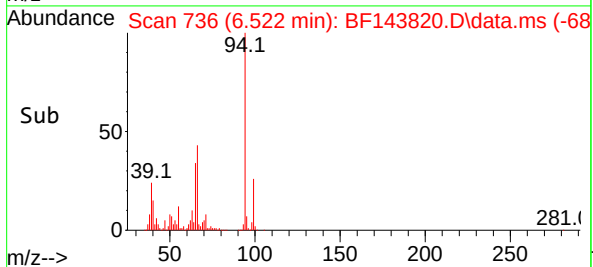
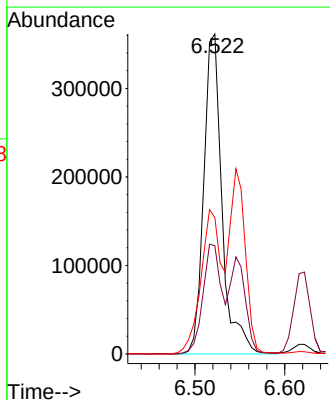
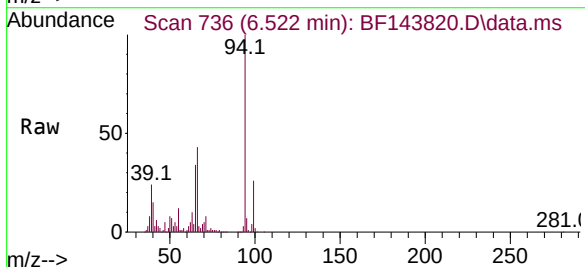
Instrument :
BNA_F
ClientSampleId :
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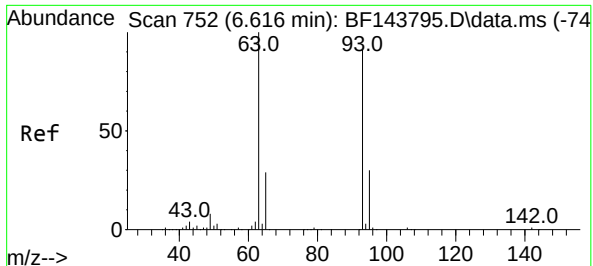
Tgt Ion: 77 Resp: 350272
Ion Ratio Lower Upper
77 100
105 95.7 71.8 111.8
106 92.9 69.8 109.8



#10
Phenol
Concen: 43.508 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 94 Resp: 512090
Ion Ratio Lower Upper
94 100
65 33.8 14.2 54.2
66 42.6 24.1 64.1

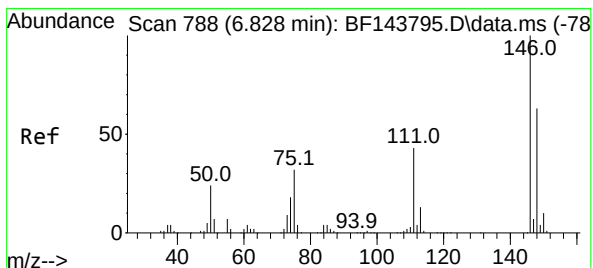
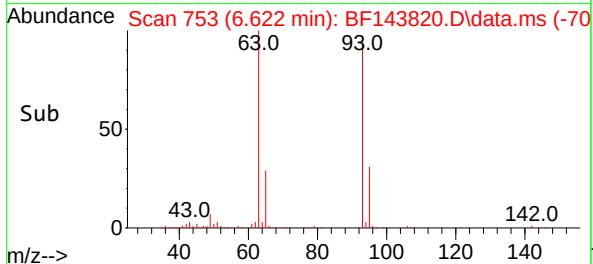
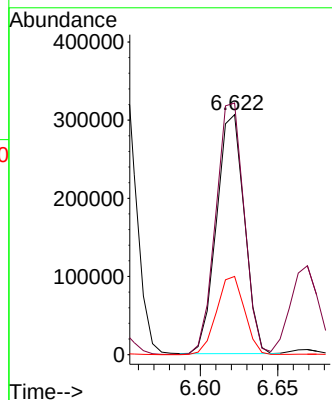
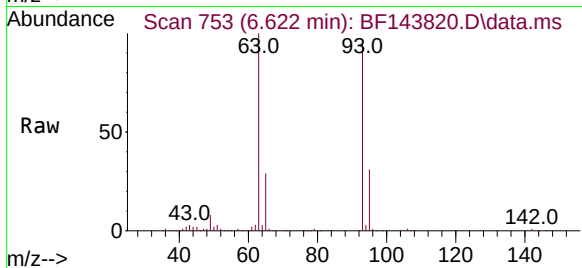




#11
bis(2-Chloroethyl)ether
Concen: 41.590 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

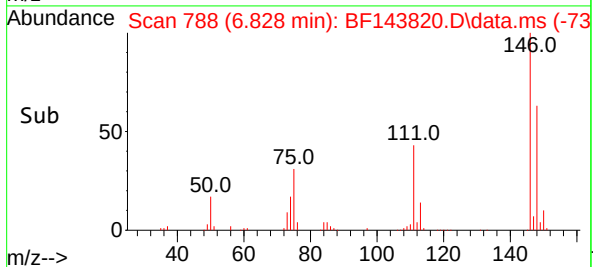
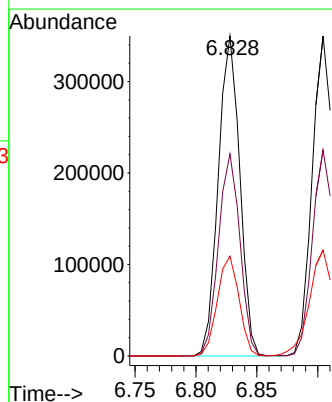
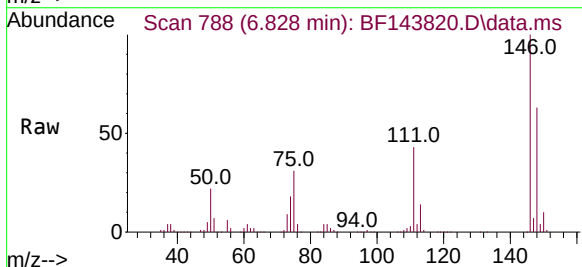
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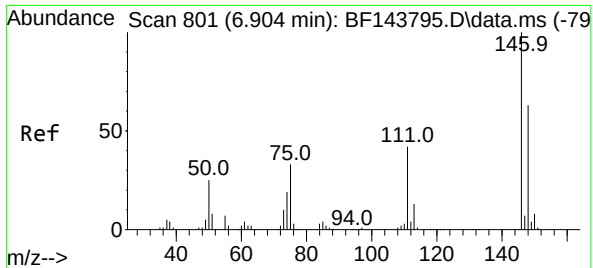
Tgt Ion: 93 Resp: 383720
Ion Ratio Lower Upper
93 100
63 104.9 89.2 129.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.124 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 146 Resp: 428392
Ion Ratio Lower Upper
146 100
148 63.1 50.4 75.6
75 31.2 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 40.960 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

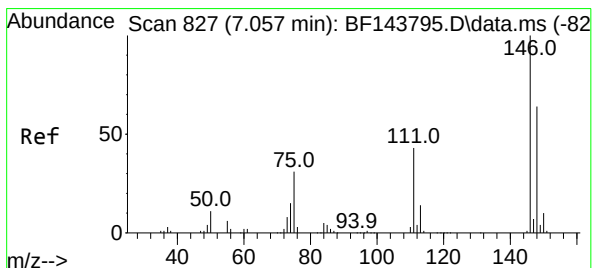
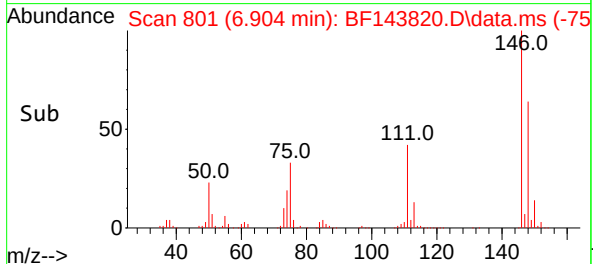
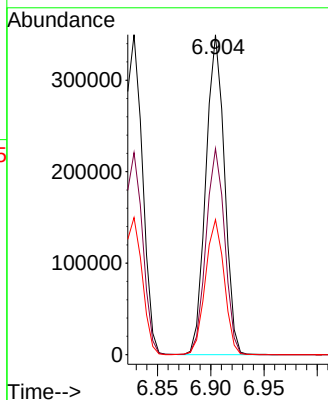
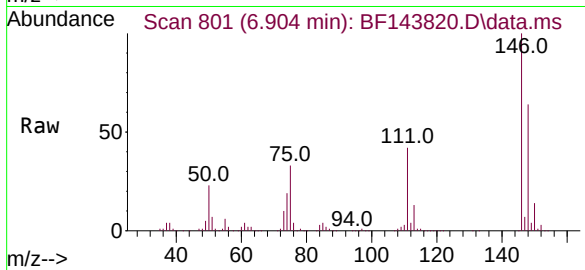
Tgt Ion:146 Resp: 425812

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

111 42.2 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.612 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

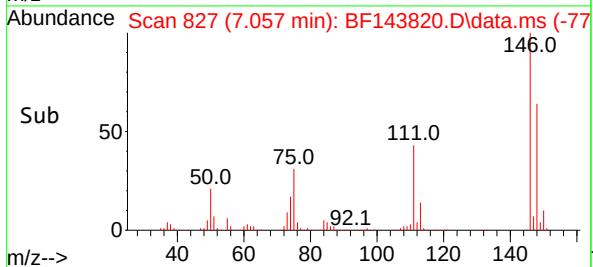
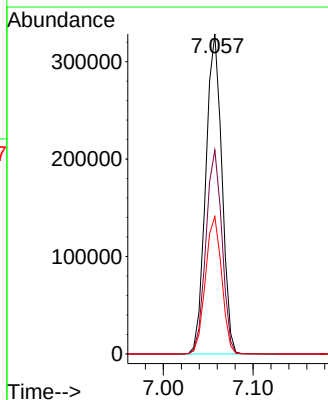
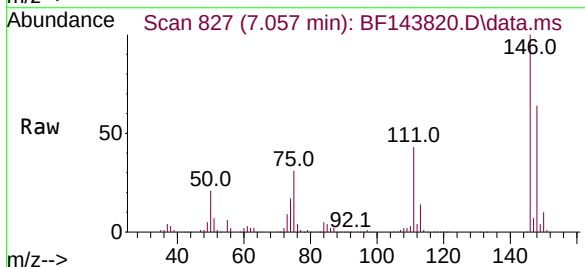
Tgt Ion:146 Resp: 409712

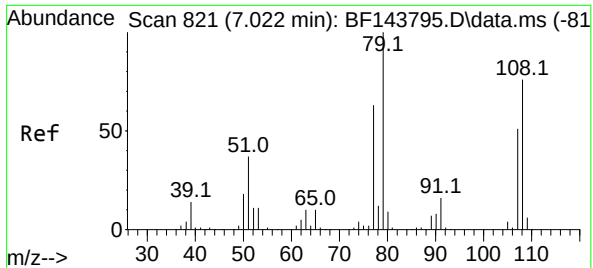
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 42.9 34.3 51.5

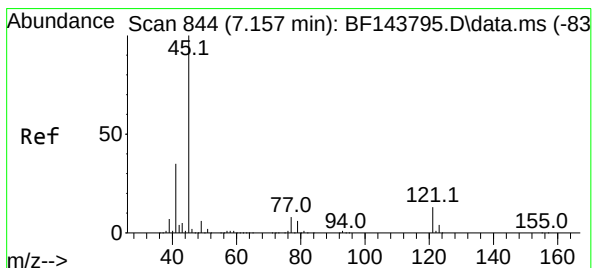
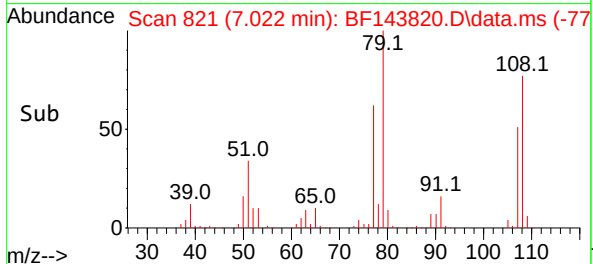
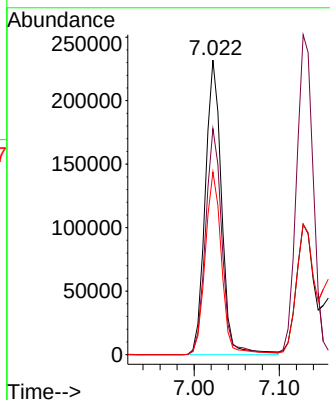
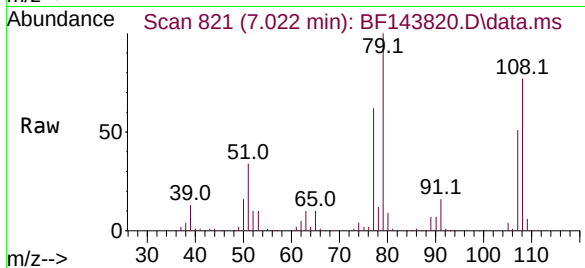




#15
Benzyl Alcohol
Concen: 42.094 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

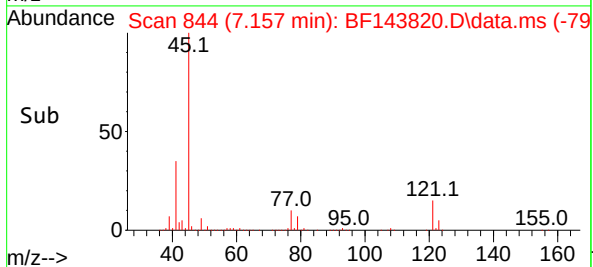
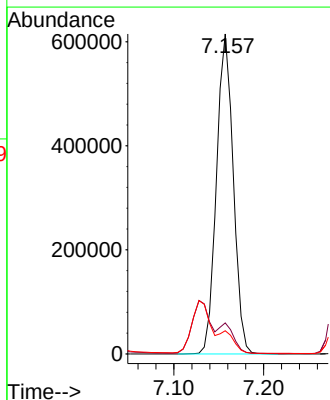
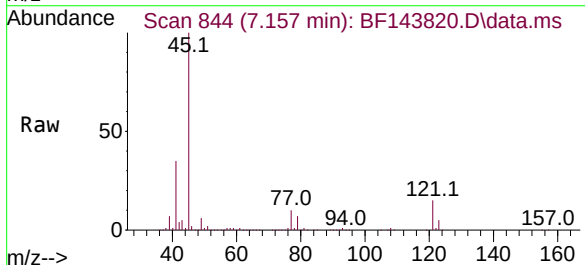
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

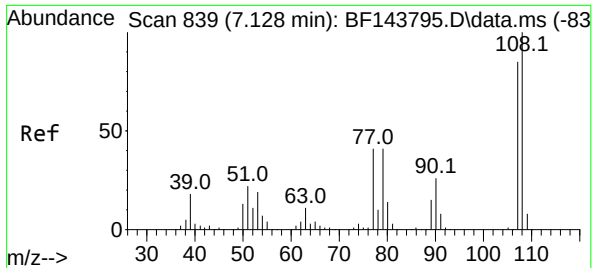
Tgt Ion: 79 Resp: 307991
Ion Ratio Lower Upper
79 100
108 76.7 60.5 90.7
77 62.0 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.764 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 45 Resp: 804325
Ion Ratio Lower Upper
45 100
77 9.7 0.0 28.5
79 7.3 0.0 26.3

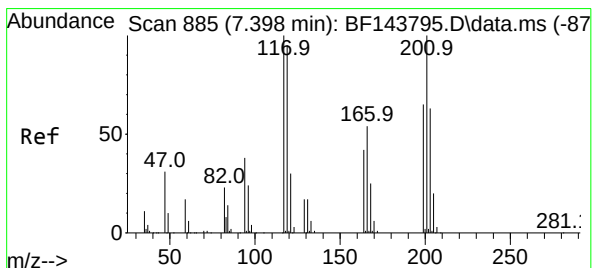
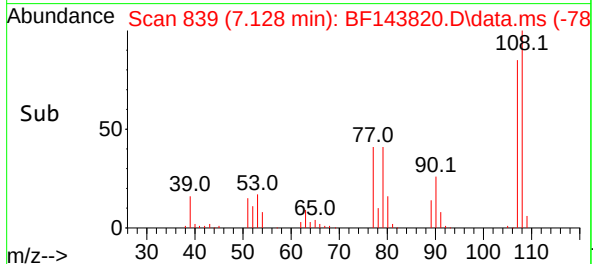
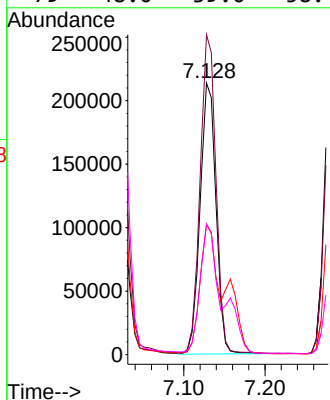
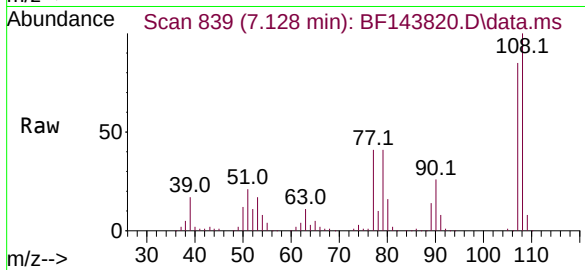




#17
2-Methylphenol
Concen: 41.812 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

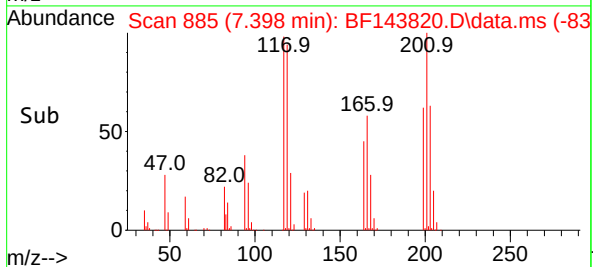
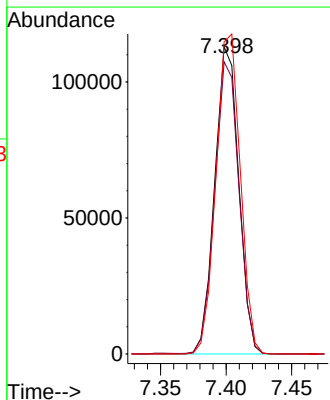
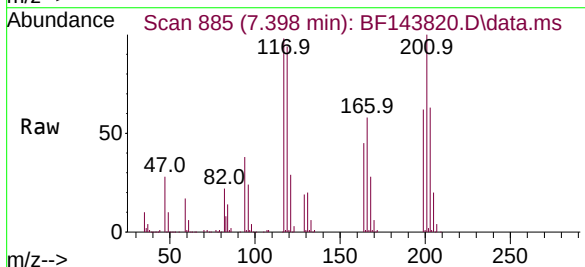
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

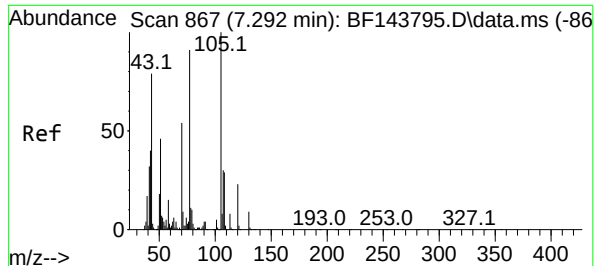
Tgt Ion:107 Resp: 290425
Ion Ratio Lower Upper
107 100
108 117.8 94.2 141.4
77 48.0 38.6 58.0
79 48.0 39.0 58.4



#18
Hexachloroethane
Concen: 39.318 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:117 Resp: 143745
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
201 101.6 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.402 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 256574

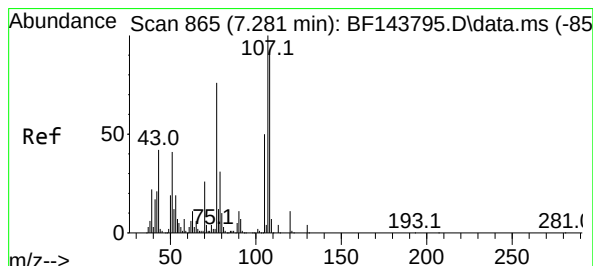
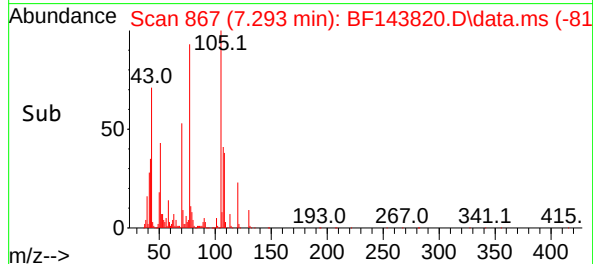
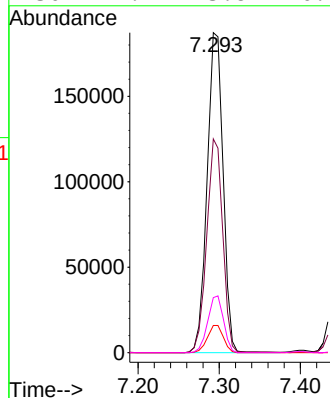
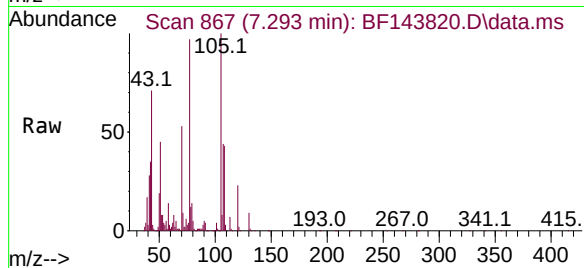
Ion Ratio Lower Upper

70 100

42 66.8 59.4 89.0

101 8.5 7.1 10.7

130 17.2 13.8 20.8



#20

3+4-Methylphenols

Concen: 41.914 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Tgt Ion: 107 Resp: 354544

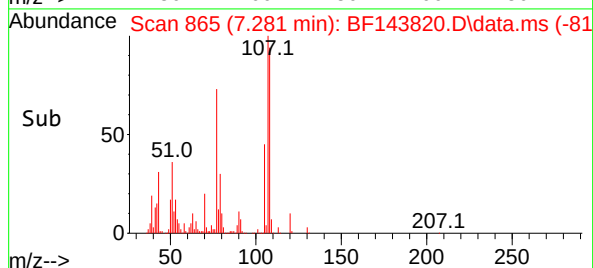
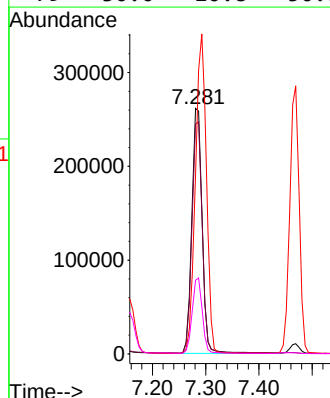
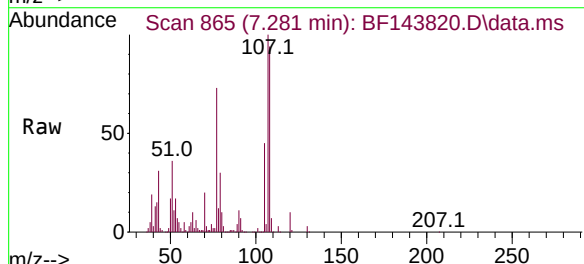
Ion Ratio Lower Upper

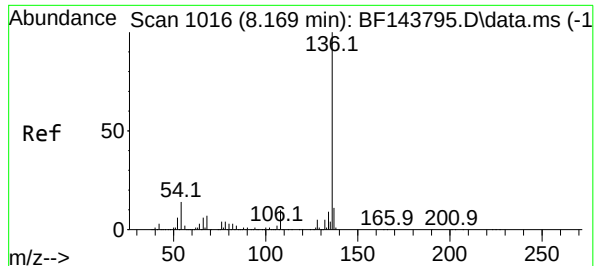
107 100

108 93.6 72.5 112.5

77 73.0 56.2 96.2

79 30.0 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143820.D

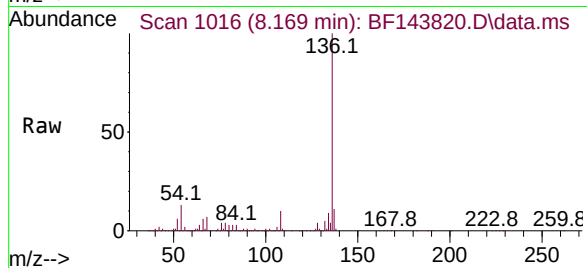
Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 519222

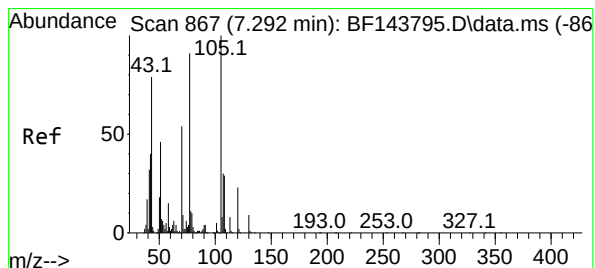
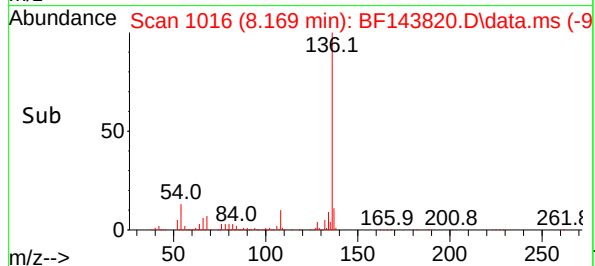
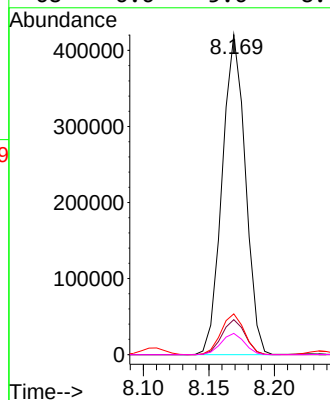
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 12.7 11.2 16.8

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 40.040 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Tgt Ion:105 Resp: 456623

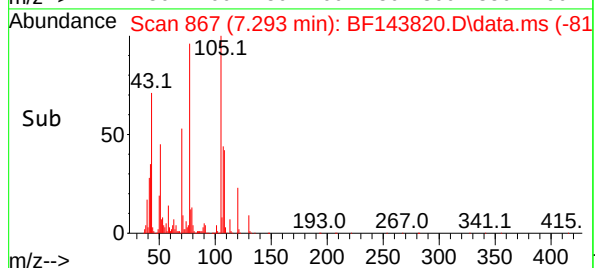
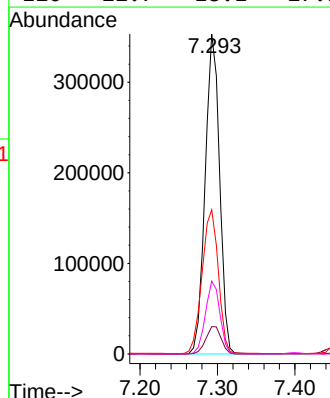
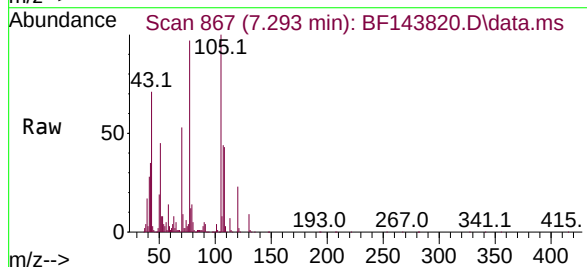
Ion Ratio Lower Upper

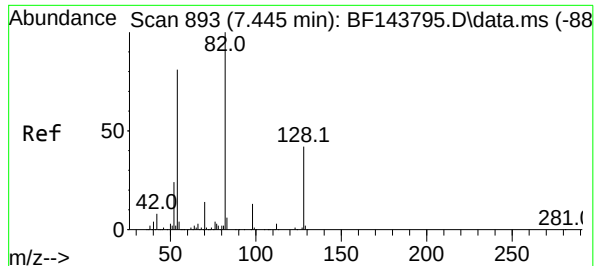
105 100

71 8.6 7.0 10.4

51 45.0 36.6 55.0

120 22.7 18.1 27.1

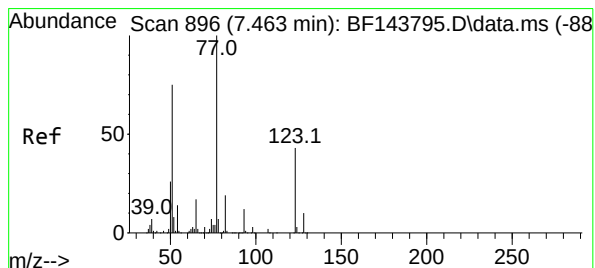
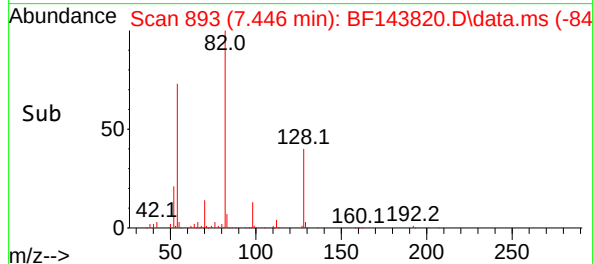
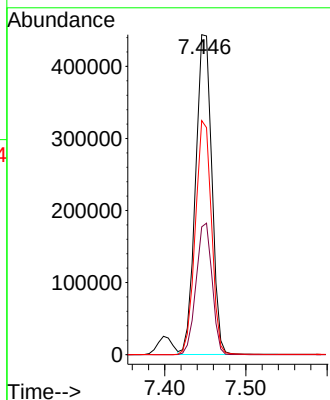
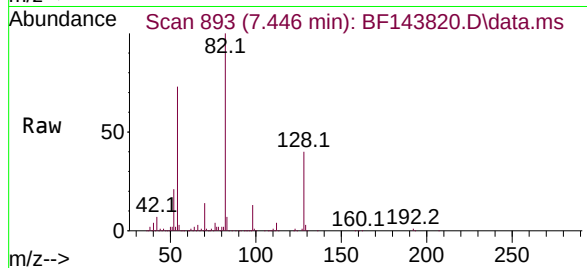




#23
Nitrobenzene-d5
Concen: 72.707 ng
RT: 7.446 min Scan# 893
Delta R.T. -0.005 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

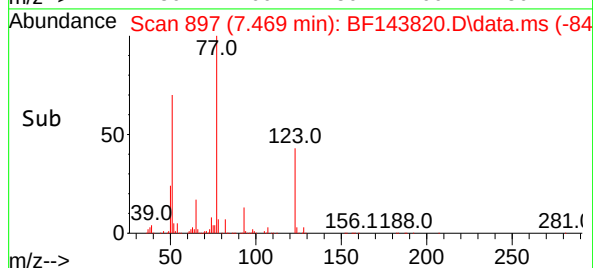
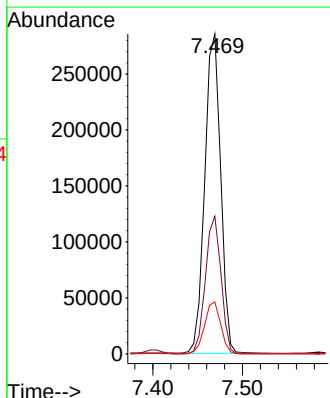
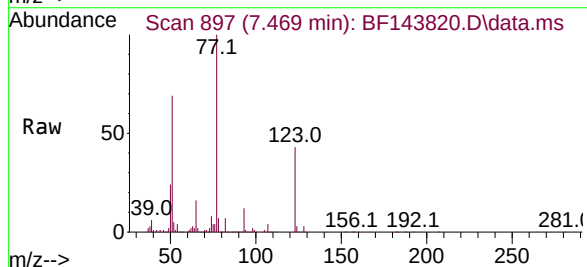
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

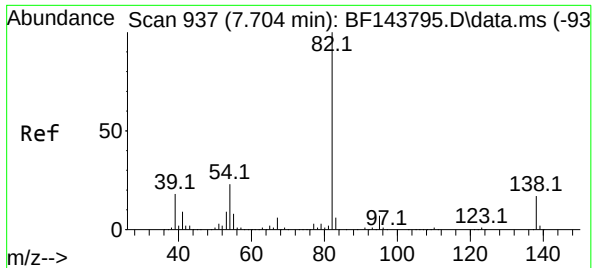
Tgt Ion: 82 Resp: 616729
Ion Ratio Lower Upper
82 100
128 39.9 33.3 49.9
54 73.1 64.2 96.4



#24
Nitrobenzene
Concen: 37.358 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 77 Resp: 351247
Ion Ratio Lower Upper
77 100
123 43.0 34.0 51.0
65 16.2 13.5 20.3

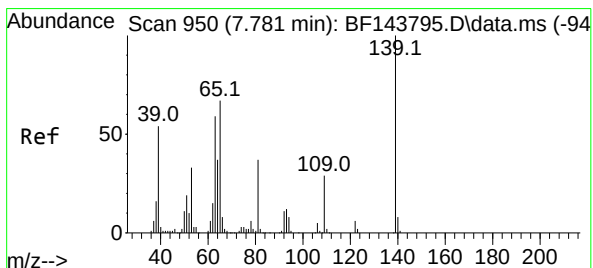
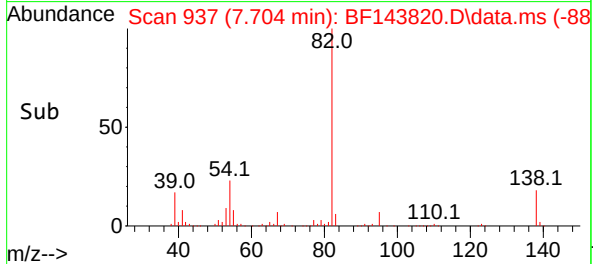
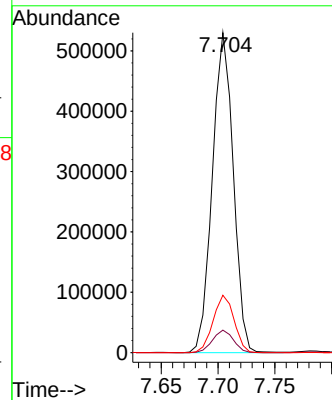
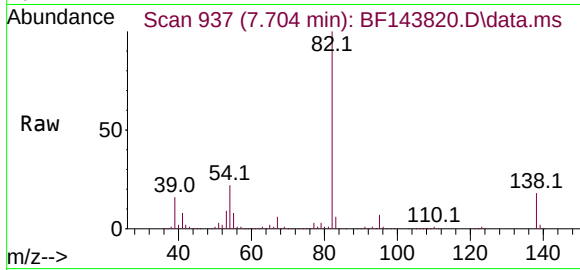




#25
Isophorone
Concen: 41.170 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

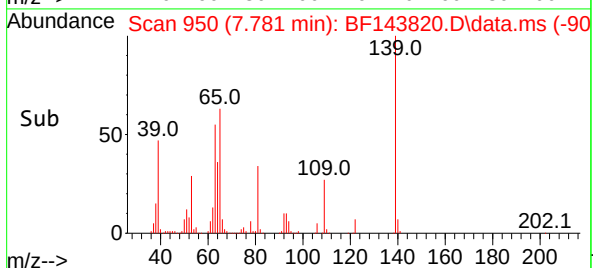
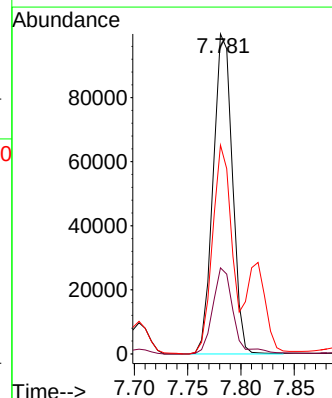
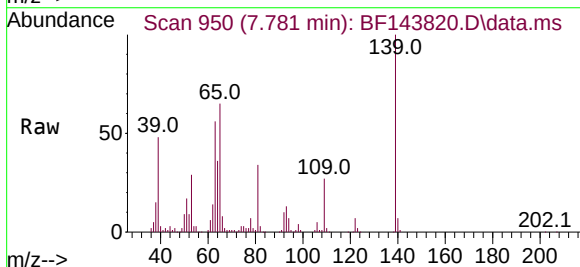
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

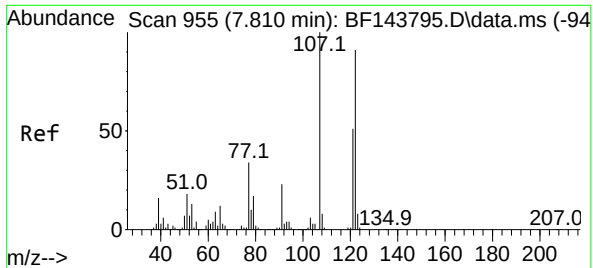
Tgt Ion: 82 Resp: 680521
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.9 13.7 20.5



#26
2-Nitrophenol
Concen: 33.474 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 139 Resp: 125851
Ion Ratio Lower Upper
139 100
109 26.9 23.3 34.9
65 65.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 40.957 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143820.D

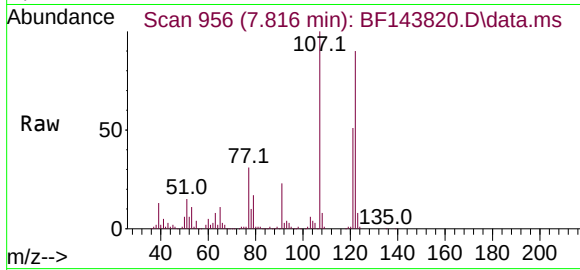
Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



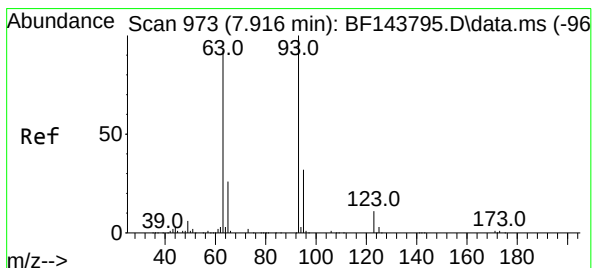
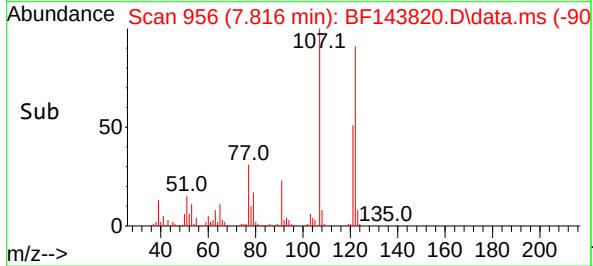
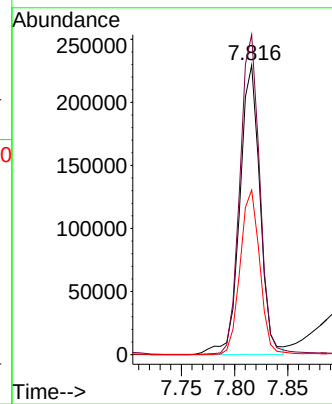
Tgt Ion:122 Resp: 302592

Ion Ratio Lower Upper

122 100

107 110.6 87.5 131.3

121 56.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.343 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

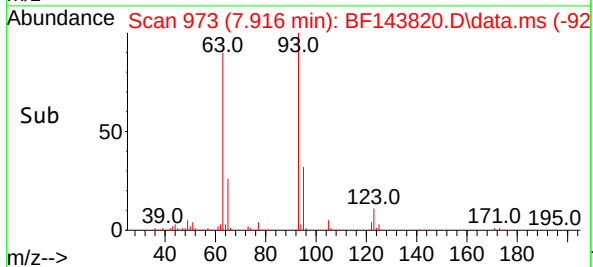
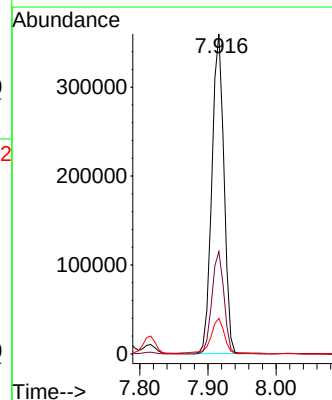
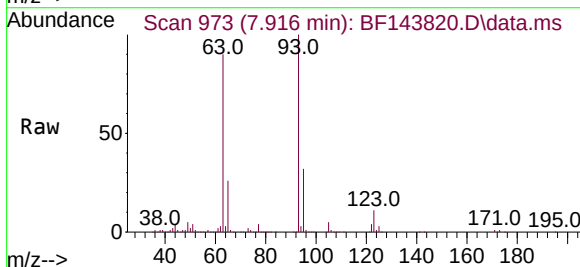
Tgt Ion: 93 Resp: 443990

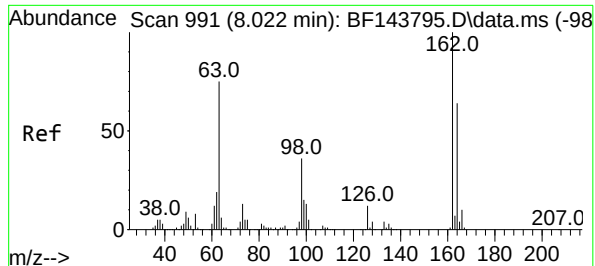
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.8

123 11.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 41.235 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

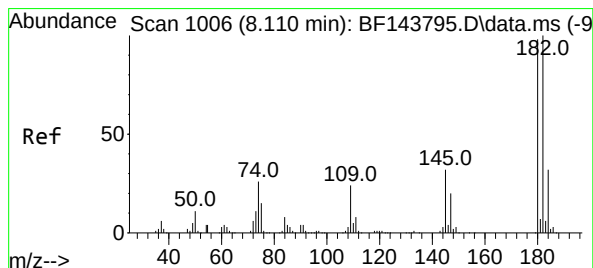
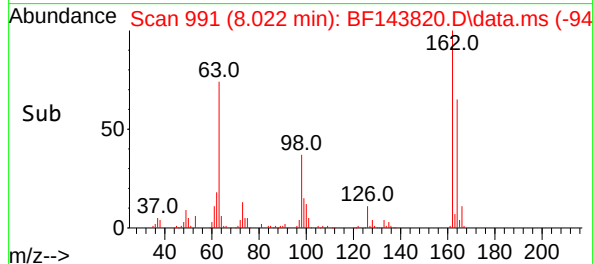
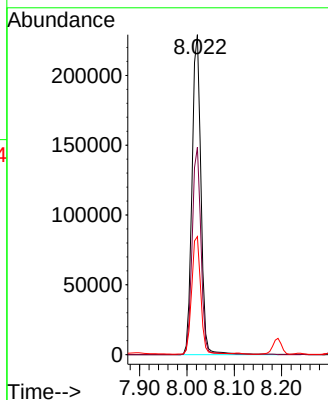
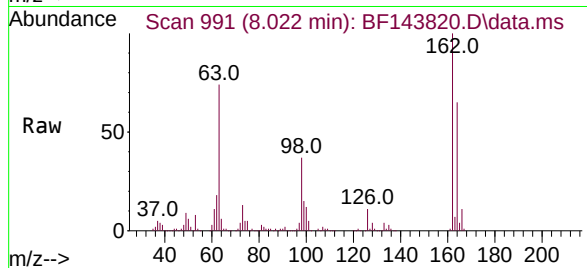
Tgt Ion:162 Resp: 299765

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

98 36.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 41.758 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

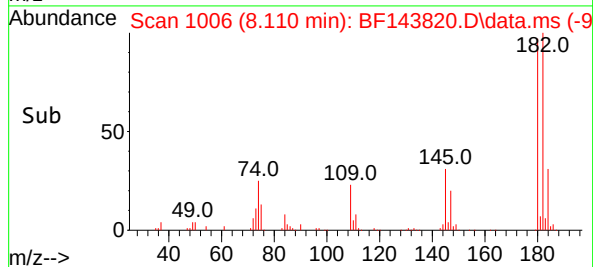
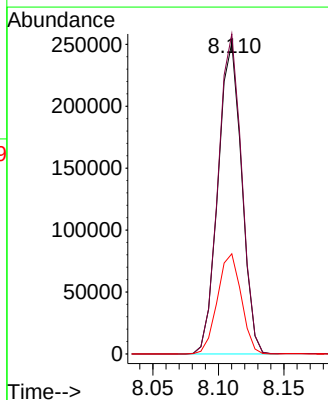
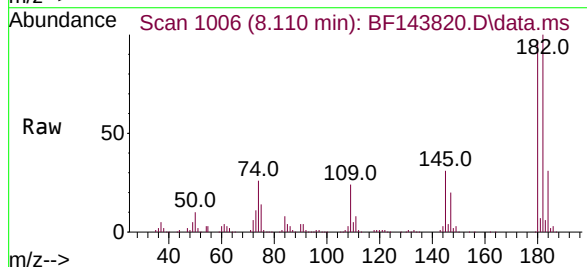
Tgt Ion:180 Resp: 315036

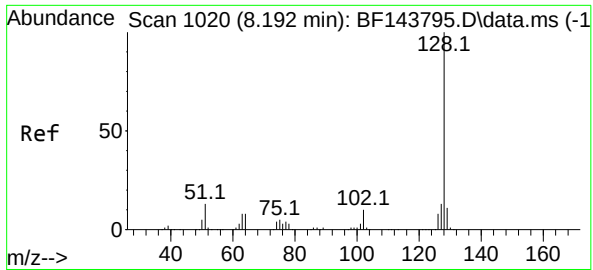
Ion Ratio Lower Upper

180 100

182 102.8 82.0 123.0

145 32.2 25.9 38.9





#31

Naphthalene

Concen: 40.816 ng

RT: 8.193 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

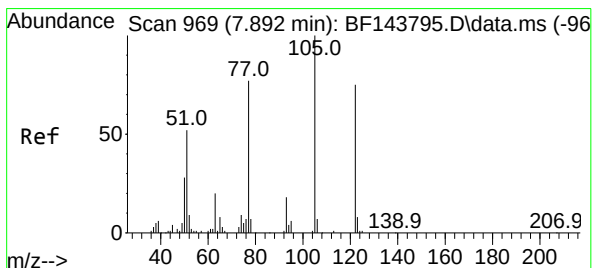
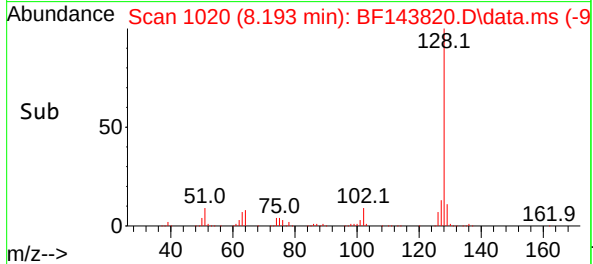
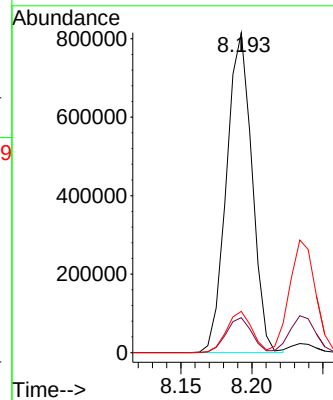
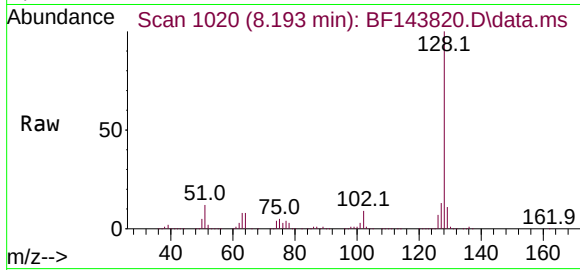
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1014518

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.2	15.4



#32

Benzoic acid

Concen: 29.699 ng

RT: 7.898 min Scan# 970

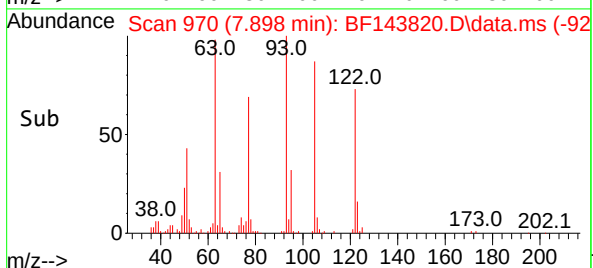
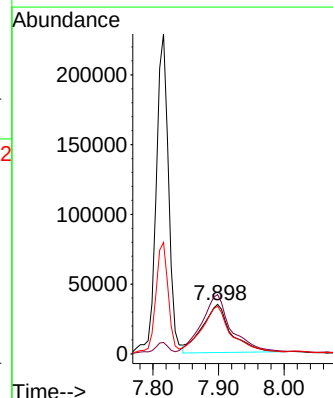
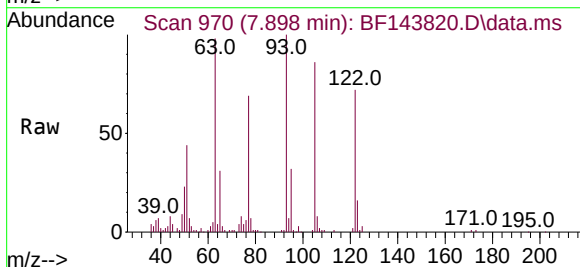
Delta R.T. -0.023 min

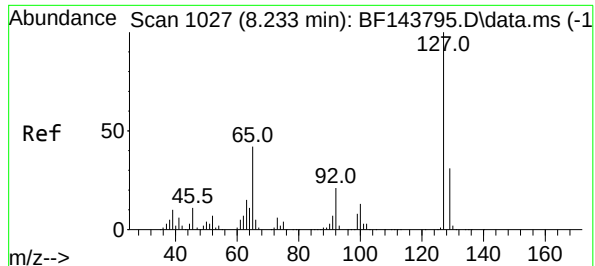
Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Tgt Ion:122 Resp: 105865

Ion	Ratio	Lower	Upper
122	100		
105	119.4	103.7	143.7
77	96.0	78.8	118.8





#33

4-Chloroaniline

Concen: 42.447 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 370768

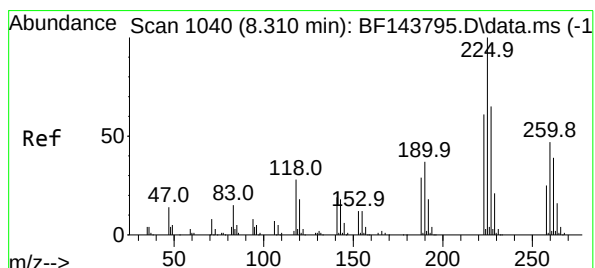
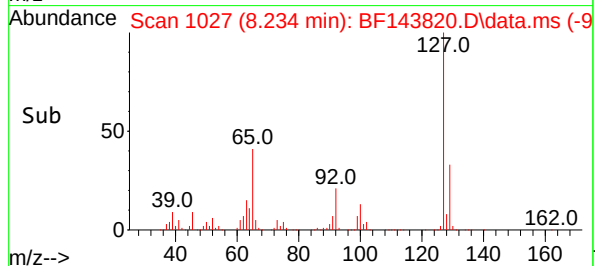
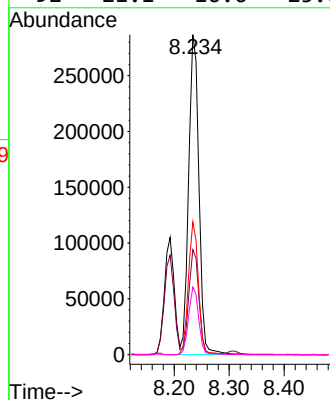
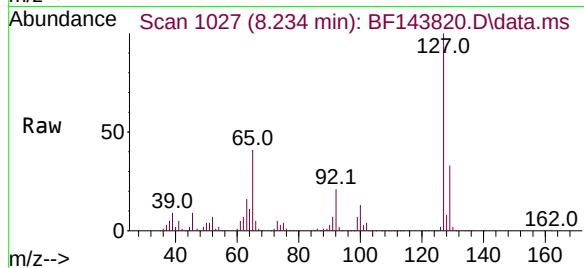
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2

65 41.5 33.4 50.2

92 21.1 16.6 25.0



#34

Hexachlorobutadiene

Concen: 41.346 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

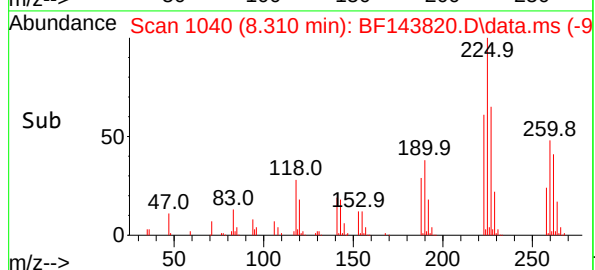
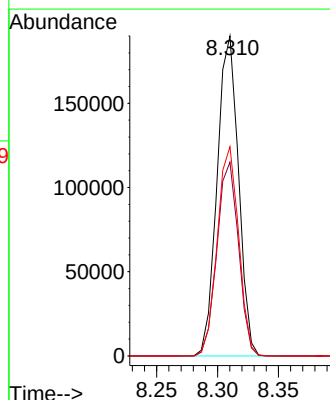
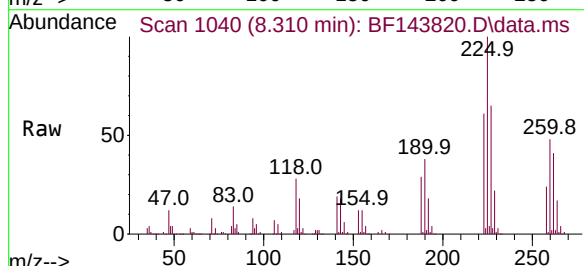
Tgt Ion:225 Resp: 232532

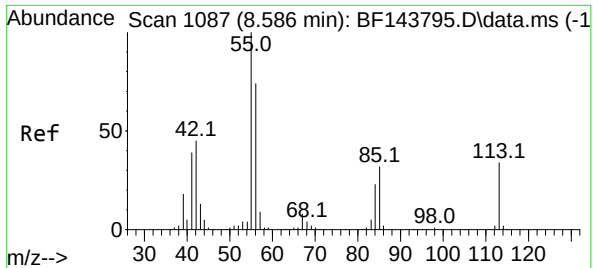
Ion Ratio Lower Upper

225 100

223 60.5 48.6 72.8

227 65.4 51.9 77.9

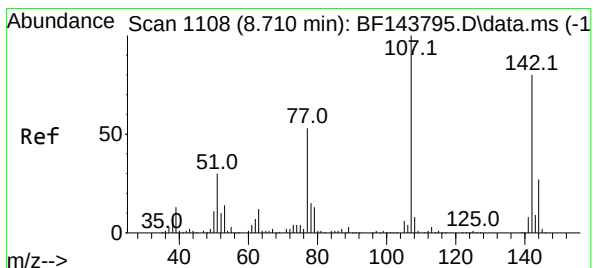
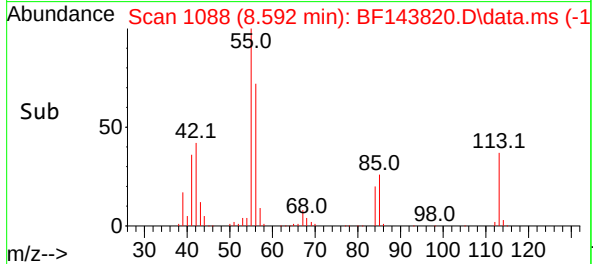
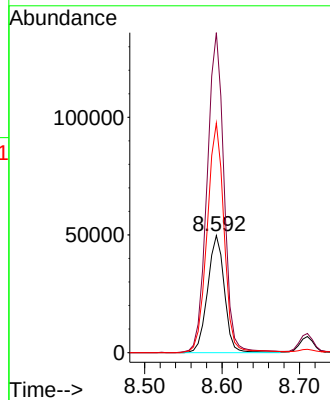
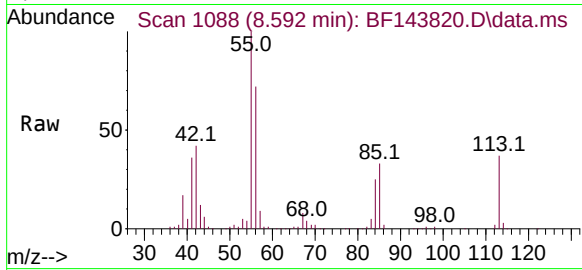




#35
Caprolactam
Concen: 40.358 ng
RT: 8.592 min Scan# 1088
Delta R.T. -0.017 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

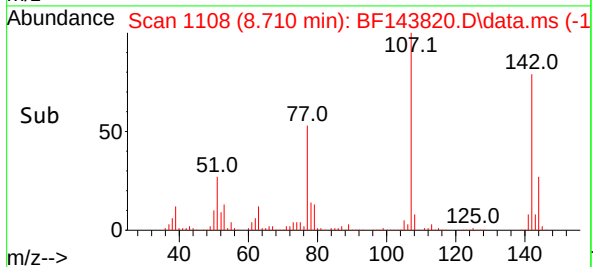
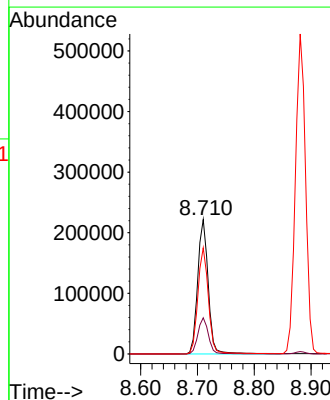
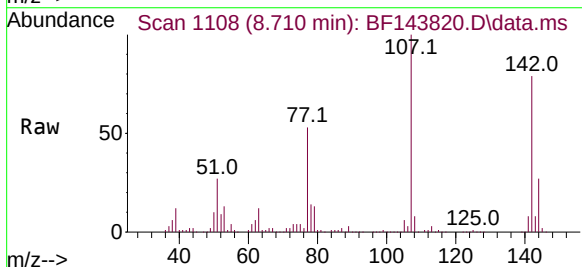
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

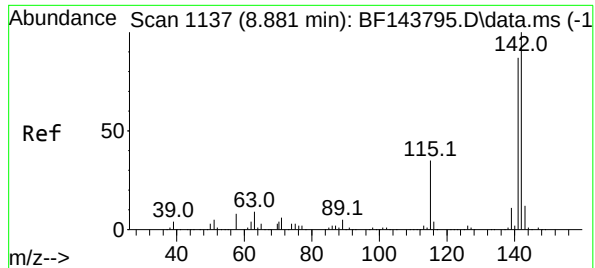
Tgt Ion:113 Resp: 74990
Ion Ratio Lower Upper
113 100
55 273.3 271.7 311.7
56 196.0 194.5 234.5



#36
4-Chloro-3-methylphenol
Concen: 41.759 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:107 Resp: 284713
Ion Ratio Lower Upper
107 100
144 26.9 21.8 32.8
142 78.9 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.490 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

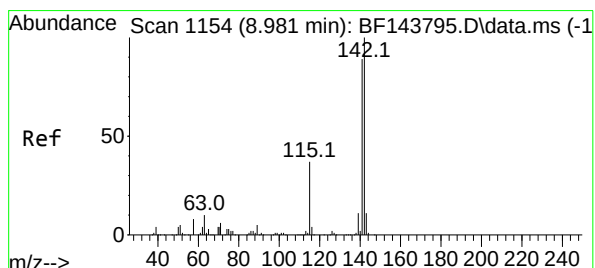
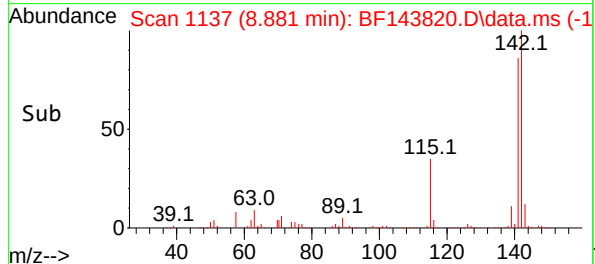
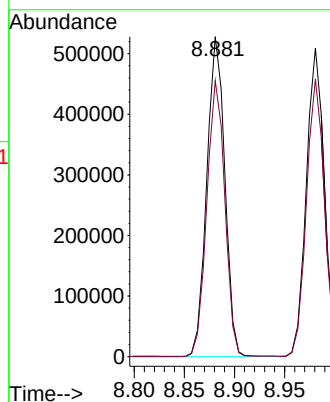
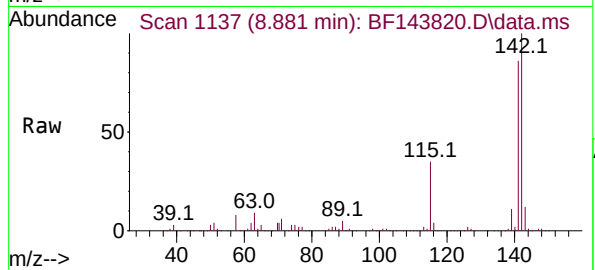
SSTDCCC040

Tgt Ion:142 Resp: 657590

Ion Ratio Lower Upper

142 100

141 86.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 41.459 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143820.D

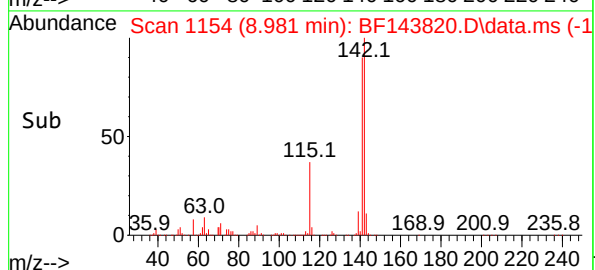
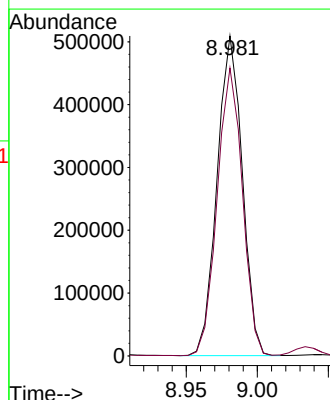
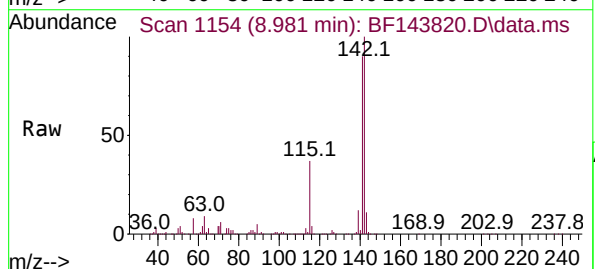
Acq: 29 Sep 2025 11:09

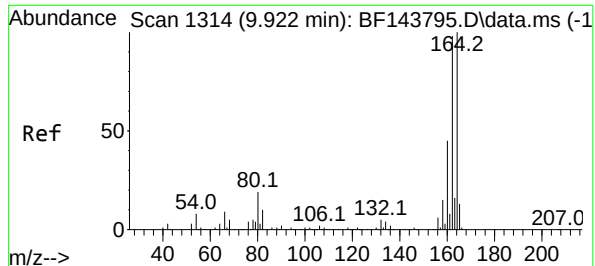
Tgt Ion:142 Resp: 628951

Ion Ratio Lower Upper

142 100

141 90.0 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143820.D

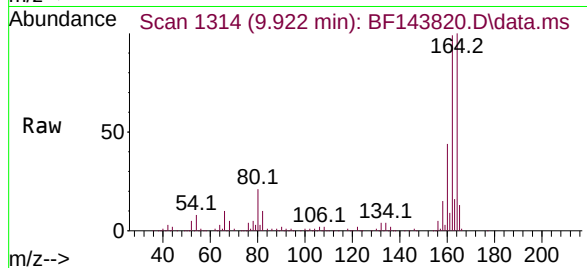
Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



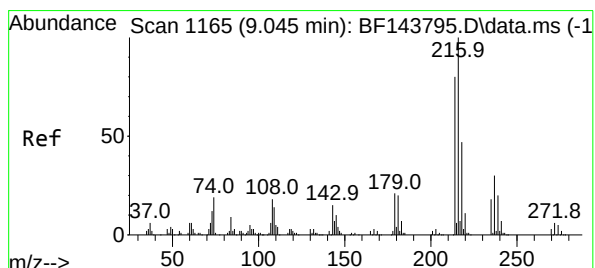
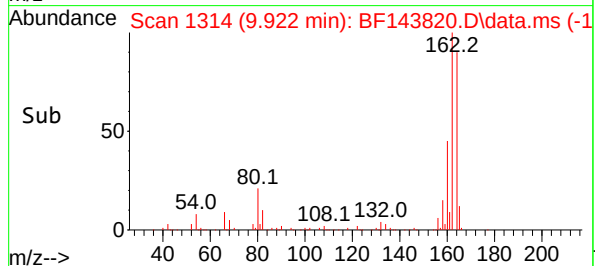
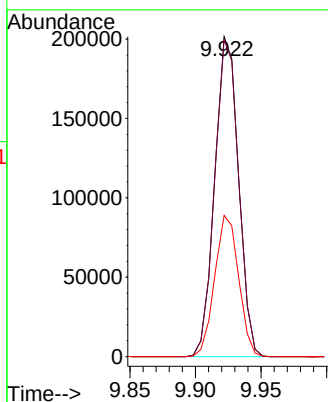
Tgt Ion:164 Resp: 254612

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

160 44.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.319 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Tgt Ion:216 Resp: 325172

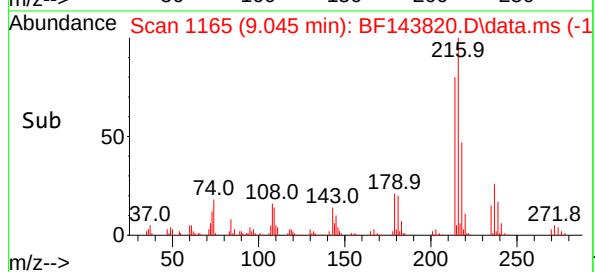
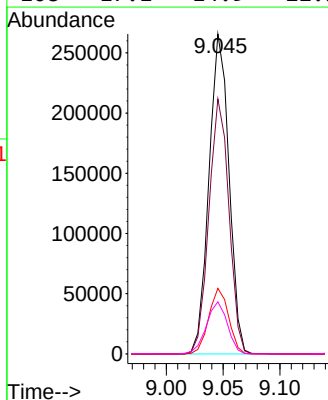
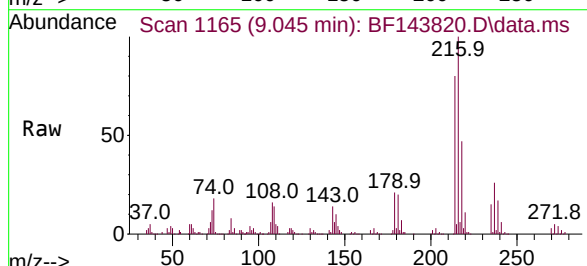
Ion Ratio Lower Upper

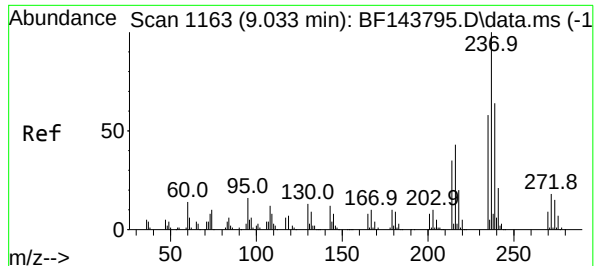
216 100

214 79.6 63.7 95.5

179 20.3 16.5 24.7

108 17.1 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 39.209 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

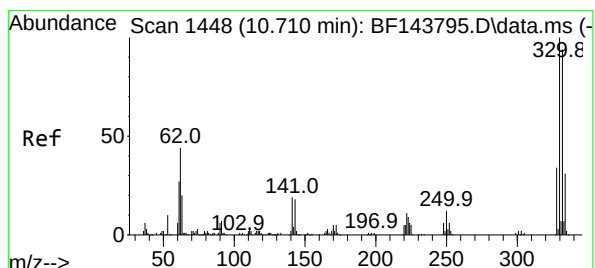
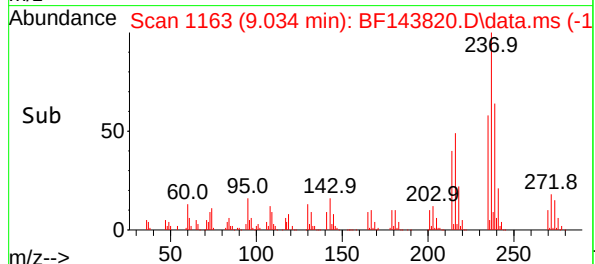
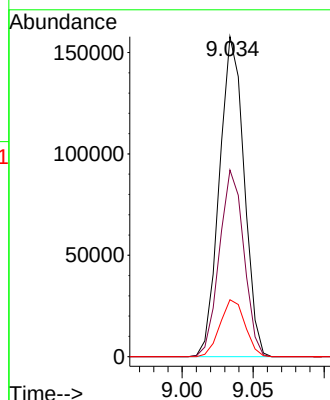
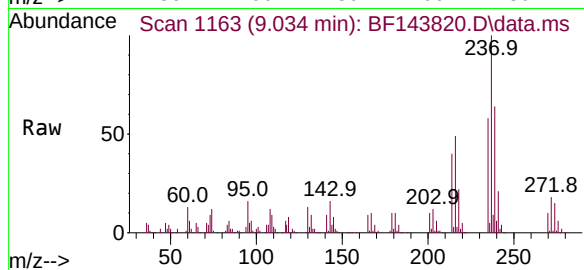
Tgt Ion:237 Resp: 190936

Ion Ratio Lower Upper

237 100

235 58.3 38.1 78.1

272 17.8 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 70.336 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

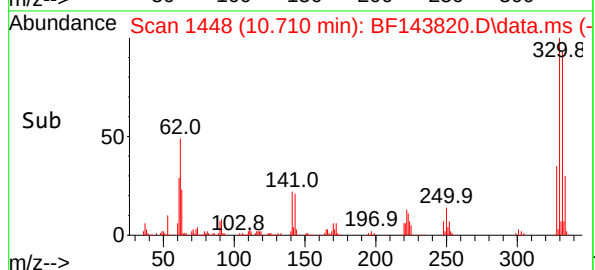
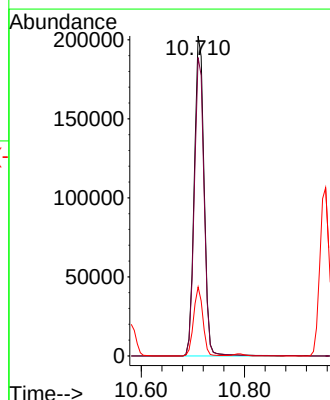
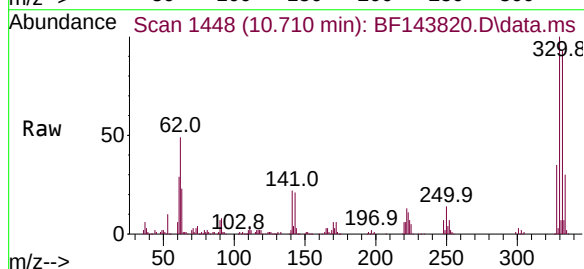
Tgt Ion:330 Resp: 265164

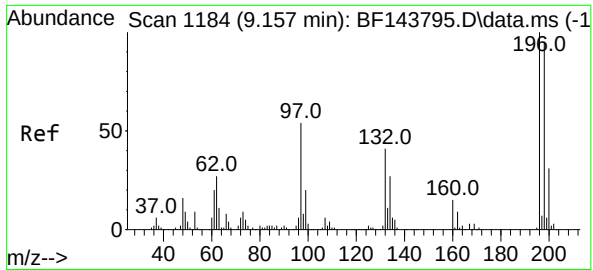
Ion Ratio Lower Upper

330 100

332 93.4 74.7 112.1

141 20.4 14.3 21.5

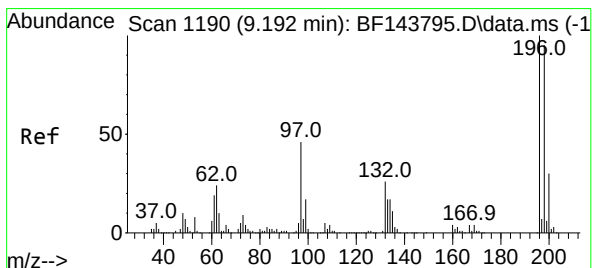
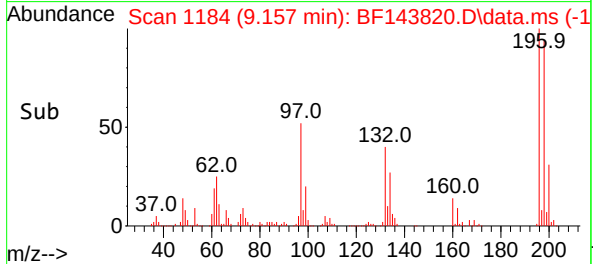
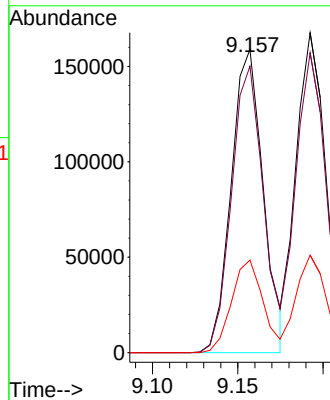
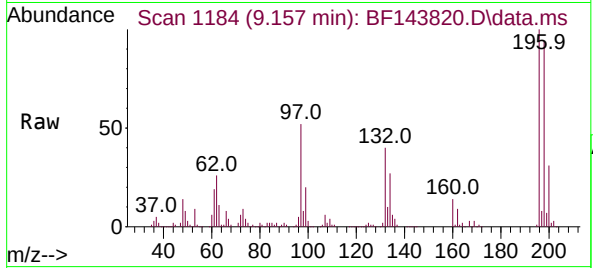




#43
2,4,6-Trichlorophenol
Concen: 43.147 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

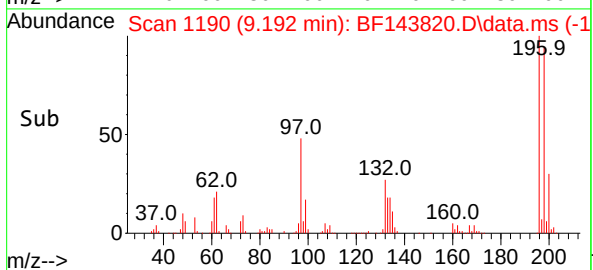
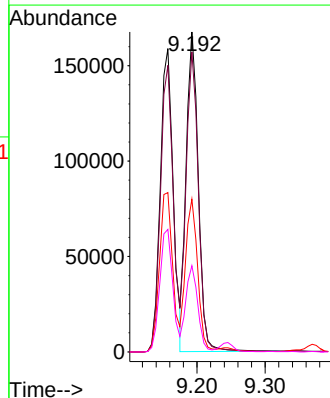
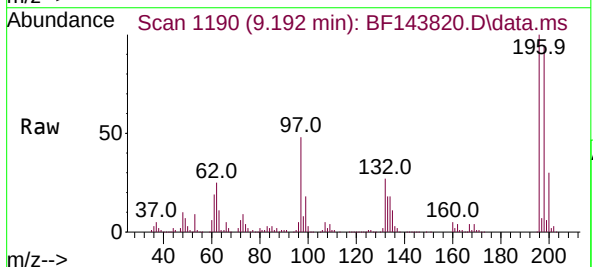
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

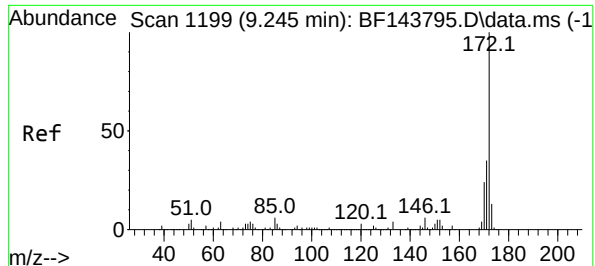
Tgt Ion:196 Resp: 207592
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.2
200 30.5 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 41.453 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:196 Resp: 208615
Ion Ratio Lower Upper
196 100
198 93.7 75.9 113.9
97 47.7 38.3 57.5
132 26.9 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 83.708 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

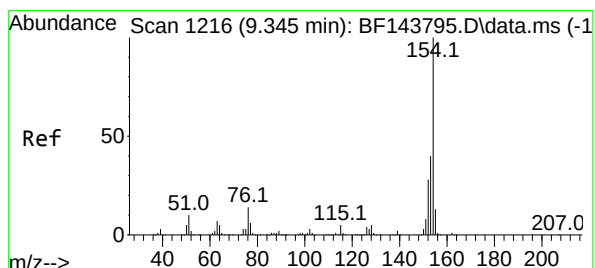
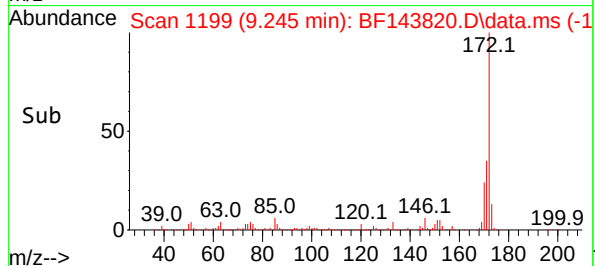
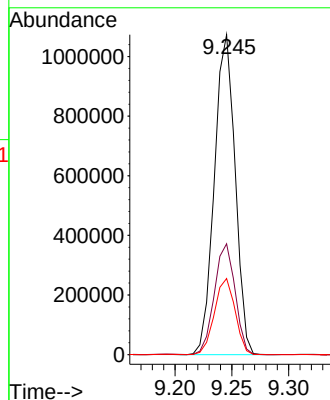
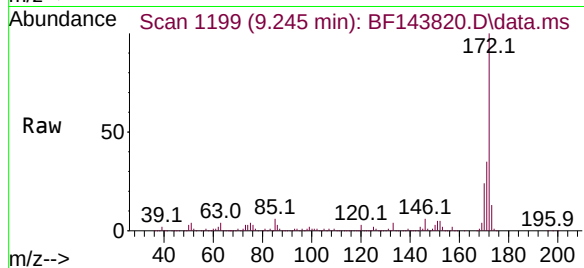
Tgt Ion:172 Resp: 1365791

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.272 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

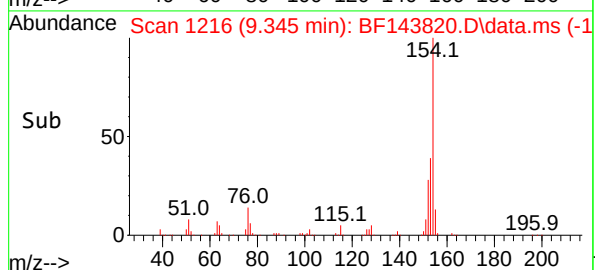
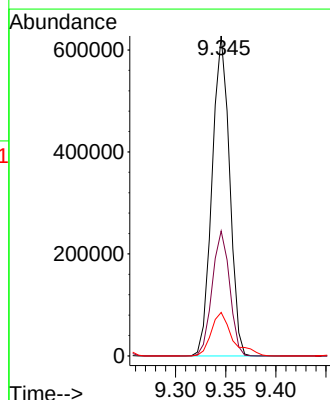
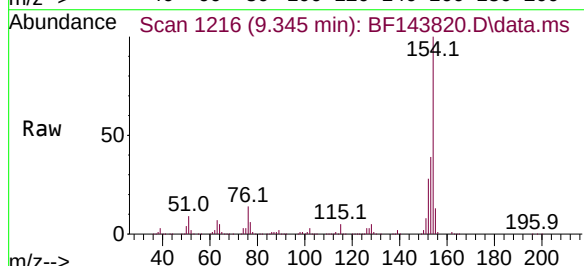
Tgt Ion:154 Resp: 760667

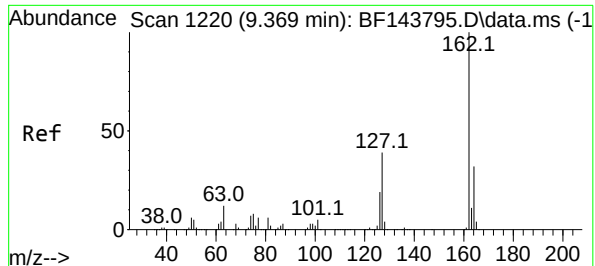
Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

76 13.6 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.256 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

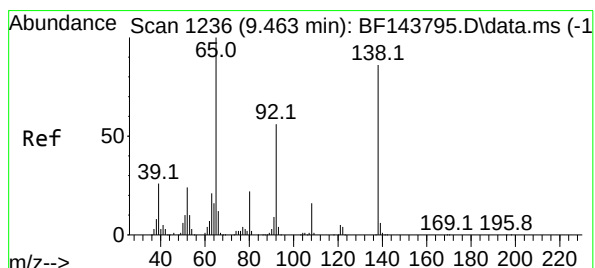
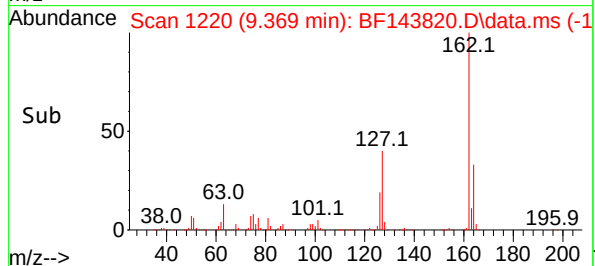
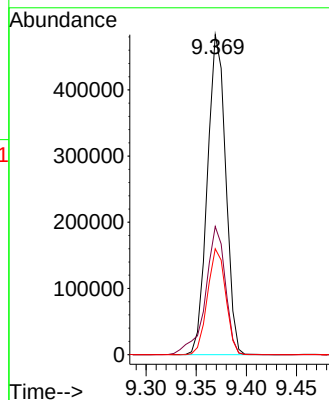
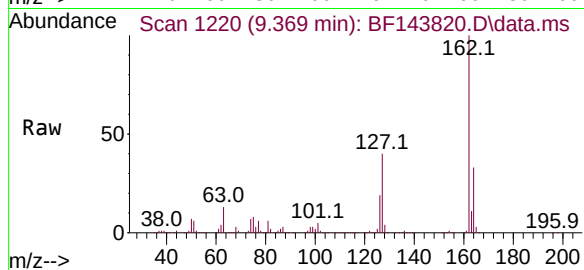
Tgt Ion:162 Resp: 612067

Ion Ratio Lower Upper

162 100

127 40.0 31.5 47.3

164 33.1 25.9 38.9



#48

2-Nitroaniline

Concen: 36.321 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

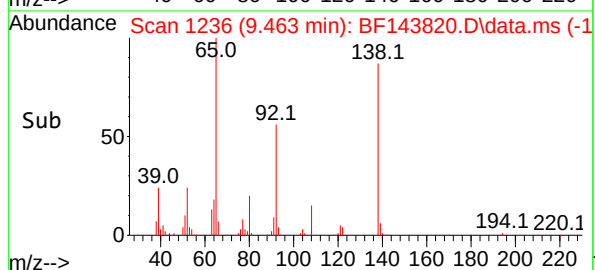
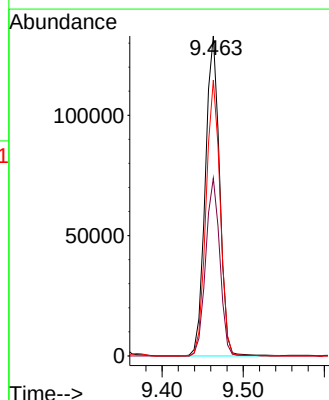
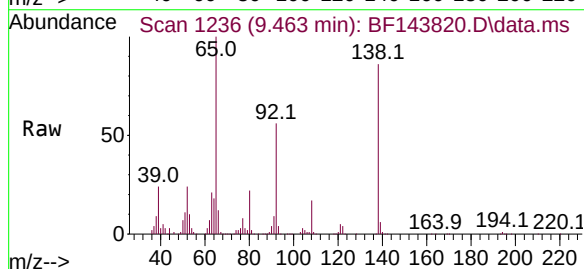
Tgt Ion: 65 Resp: 162860

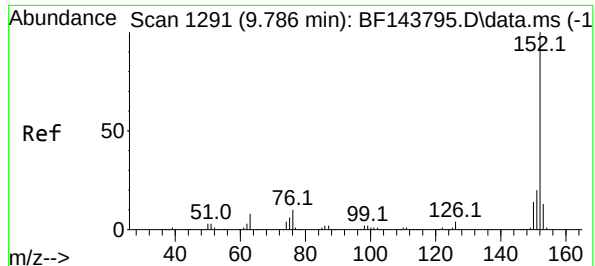
Ion Ratio Lower Upper

65 100

92 55.5 44.9 67.3

138 86.2 69.0 103.4





#49

Acenaphthylene

Concen: 41.683 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

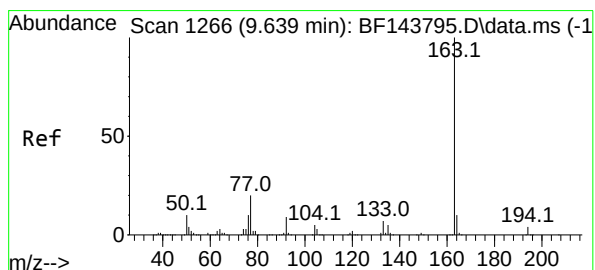
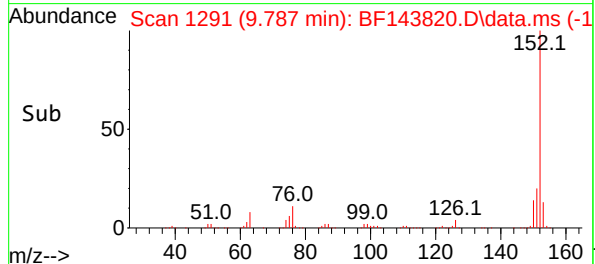
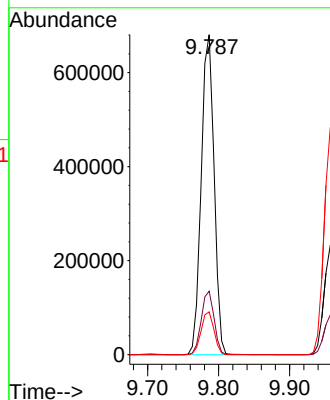
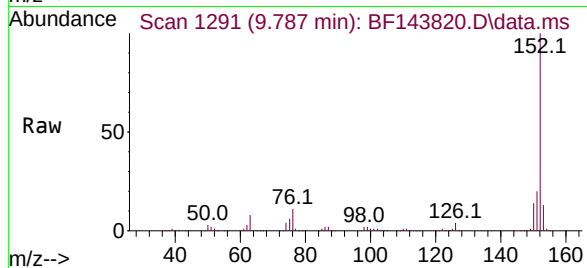
Tgt Ion:152 Resp: 851325

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 41.189 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

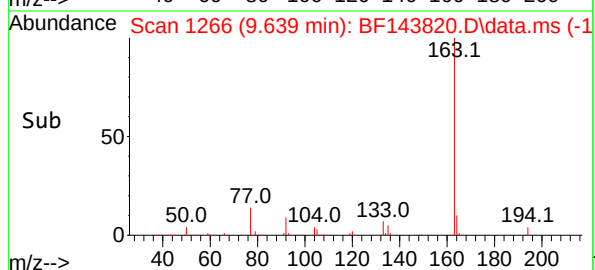
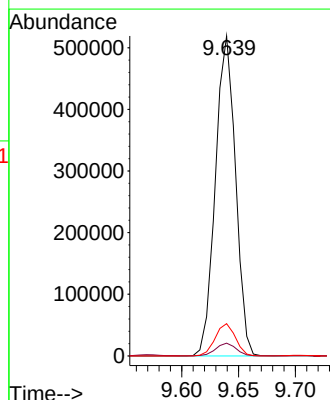
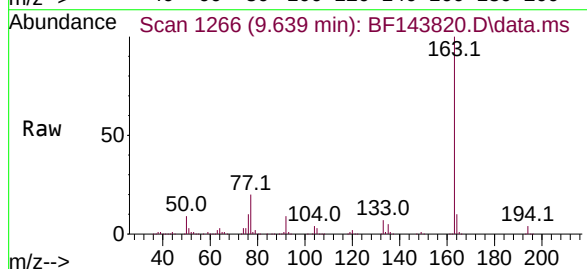
Tgt Ion:163 Resp: 639197

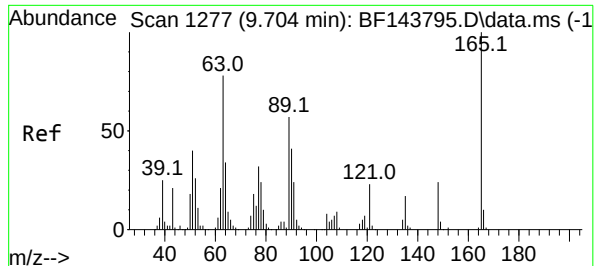
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 34.930 ng

RT: 9.704 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

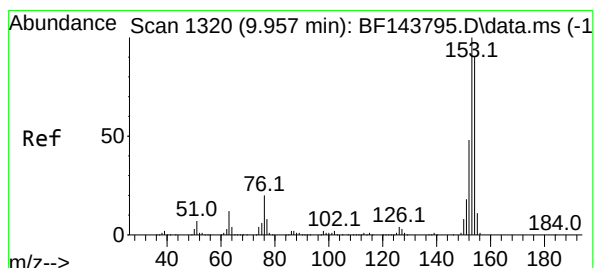
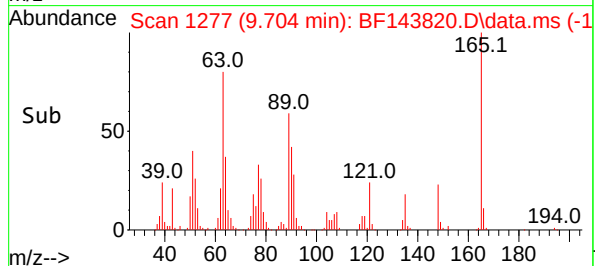
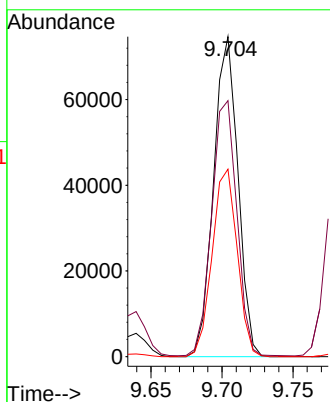
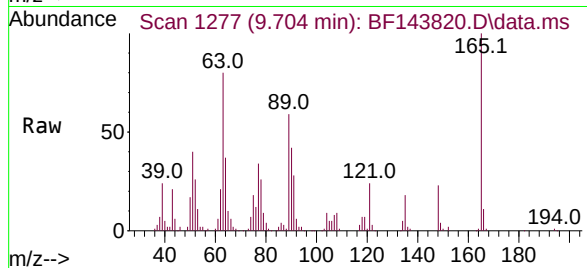
Tgt Ion:165 Resp: 89062

Ion Ratio Lower Upper

165 100

63 80.0 62.6 94.0

89 58.6 45.2 67.8



#52

Acenaphthene

Concen: 41.506 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

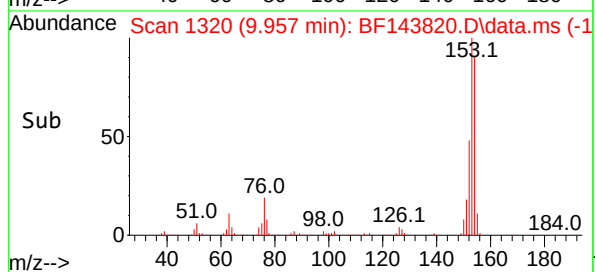
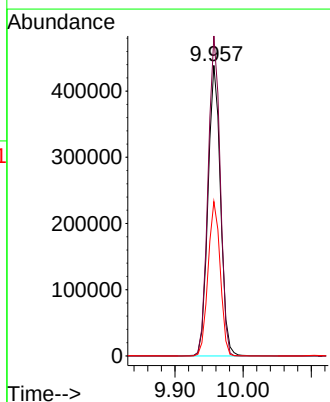
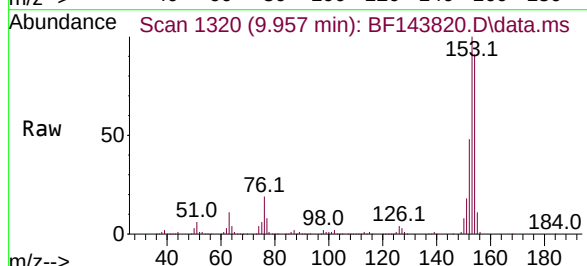
Tgt Ion:154 Resp: 557843

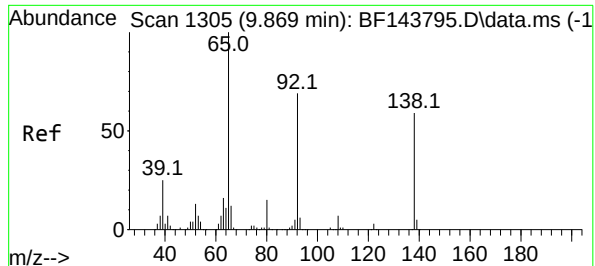
Ion Ratio Lower Upper

154 100

153 110.1 88.7 133.1

152 53.1 42.7 64.1





#53

3-Nitroaniline

Concen: 38.886 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

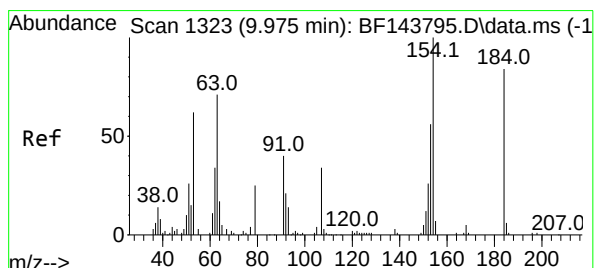
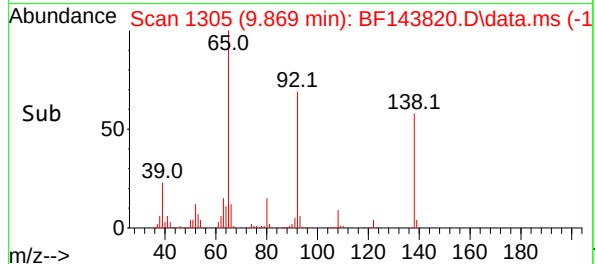
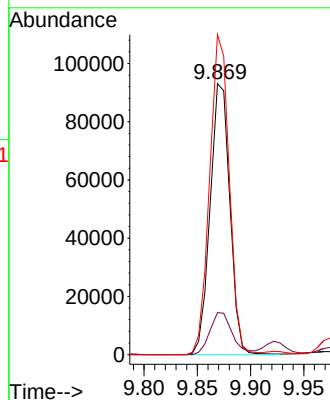
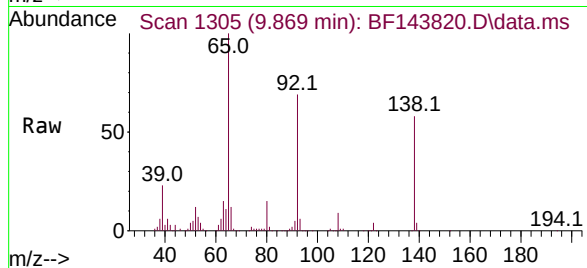
Tgt Ion:138 Resp: 120180

Ion Ratio Lower Upper

138 100

108 15.5 9.9 14.9#

92 118.1 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 38.564 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

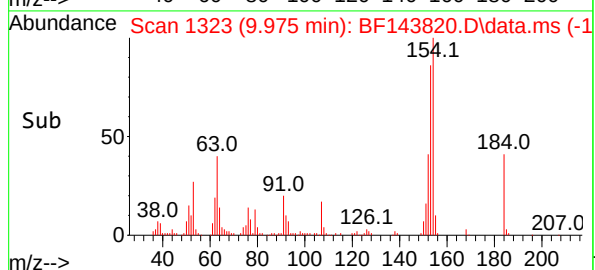
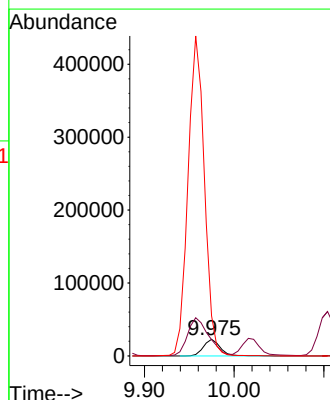
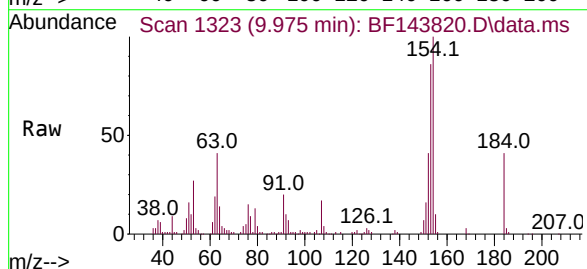
Tgt Ion:184 Resp: 29193

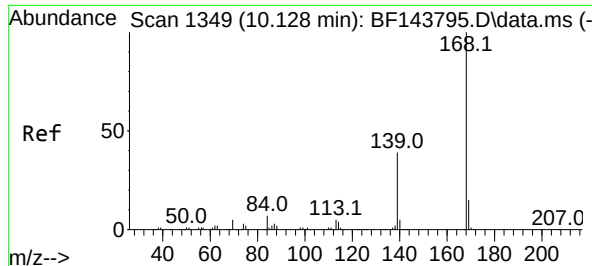
Ion Ratio Lower Upper

184 100

63 98.9 84.6 127.0

154 243.1 199.3 298.9





#55

Dibenzofuran

Concen: 41.821 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

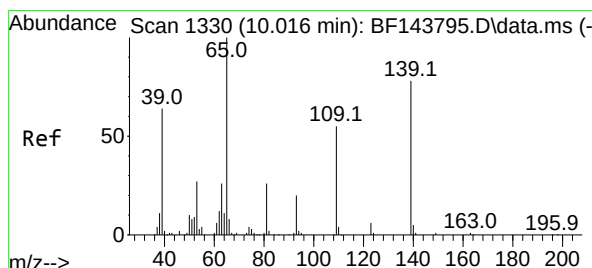
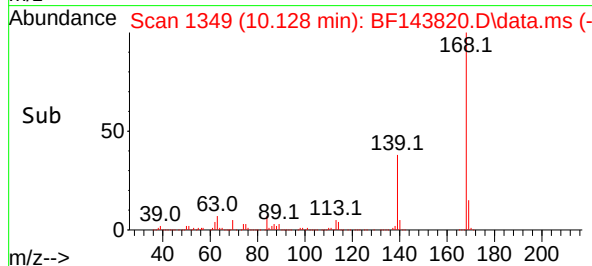
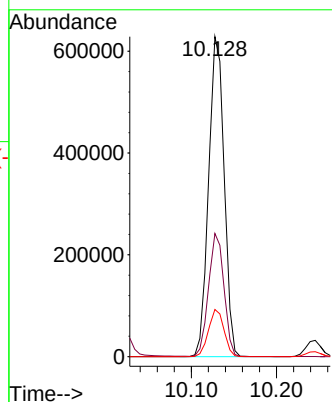
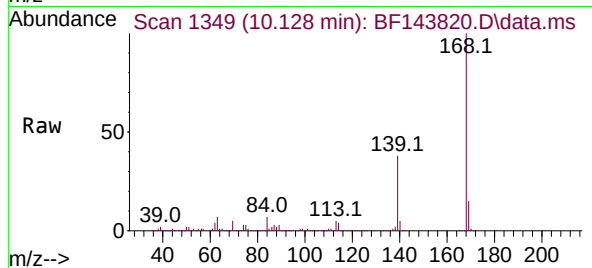
Tgt Ion:168 Resp: 794833

Ion Ratio Lower Upper

168 100

139 38.5 31.0 46.6

169 14.7 11.9 17.9



#56

4-Nitrophenol

Concen: 33.617 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

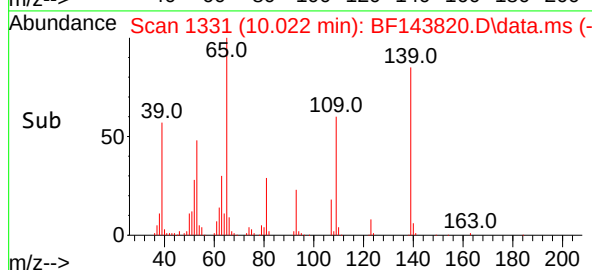
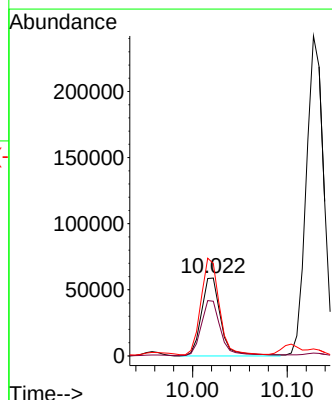
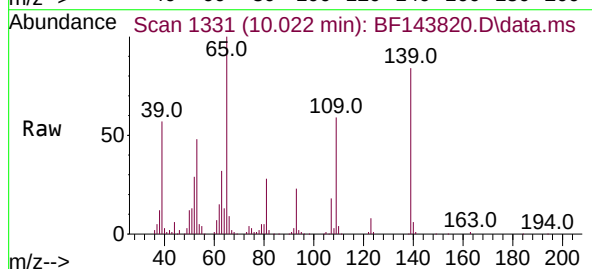
Tgt Ion:139 Resp: 83722

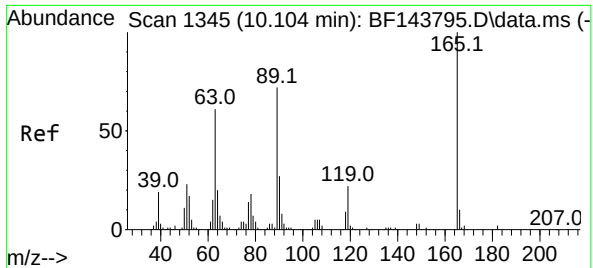
Ion Ratio Lower Upper

139 100

109 70.1 50.2 90.2

65 118.7 109.2 149.2

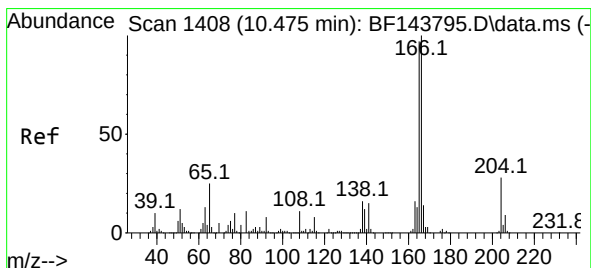
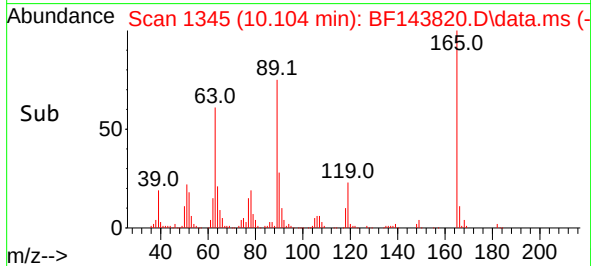
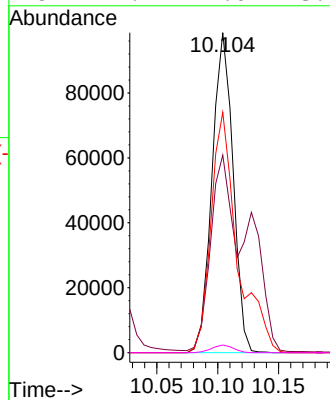
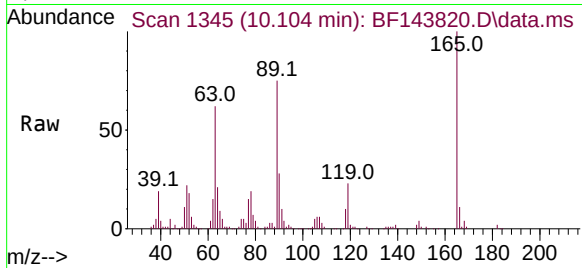




#57
2,4-Dinitrotoluene
Concen: 32.257 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

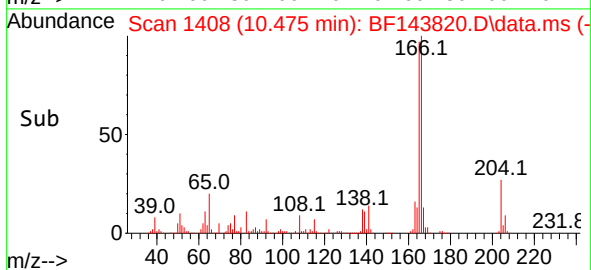
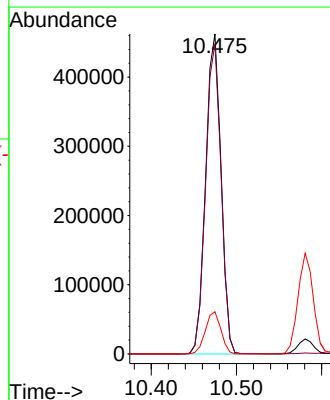
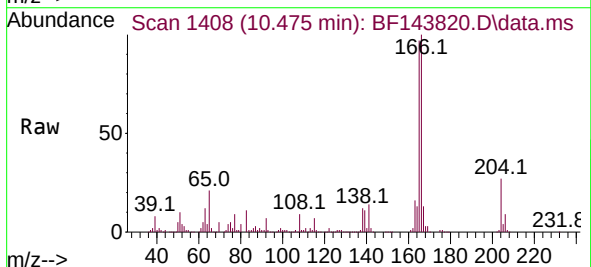
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

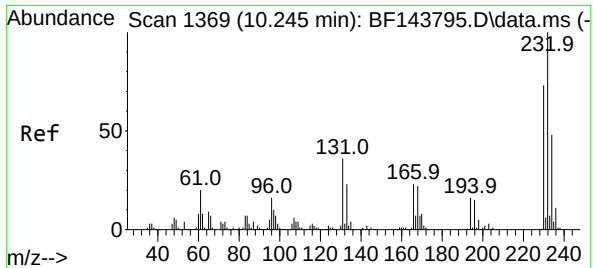
Tgt Ion:165 Resp: 118219
Ion Ratio Lower Upper
165 100
63 61.7 48.9 73.3
89 75.1 57.5 86.3
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.101 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:166 Resp: 580722
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.2 10.9 16.3

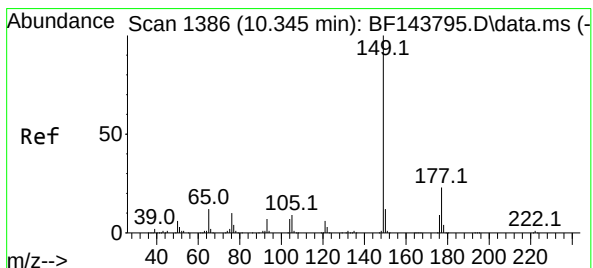
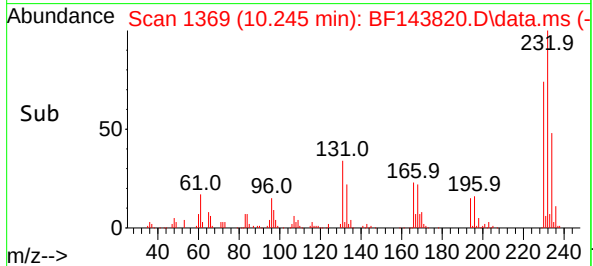
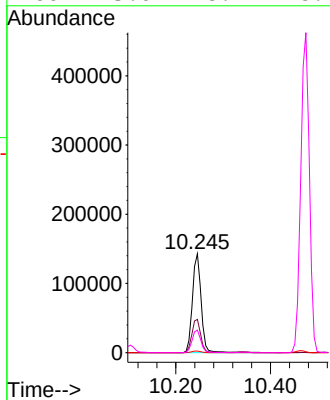
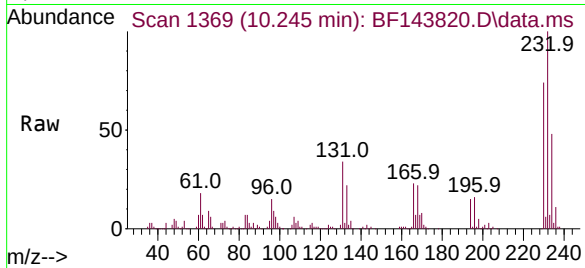




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.253 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

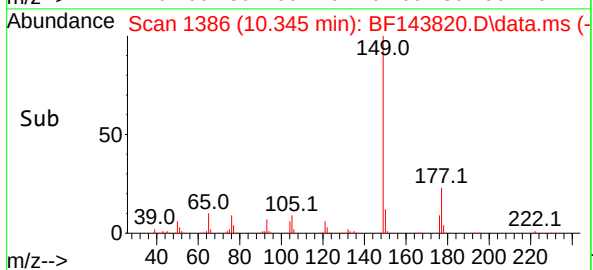
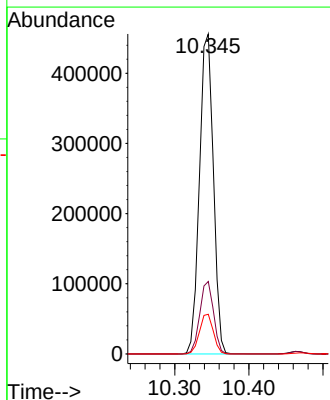
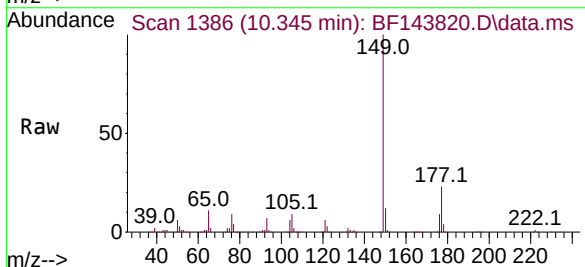
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

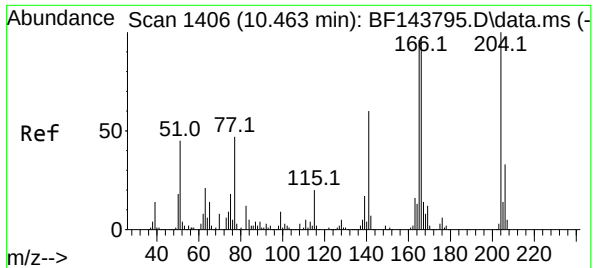
Tgt Ion:232 Resp: 182161
Ion Ratio Lower Upper
232 100
131 34.2 29.4 44.2
130 1.7 1.3 1.9
166 23.0 18.7 28.1



#60
Diethylphthalate
Concen: 40.923 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:149 Resp: 594477
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.4 9.7 14.5

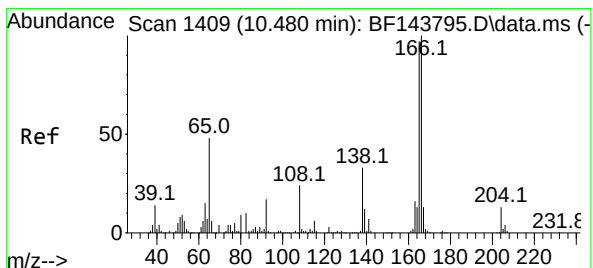
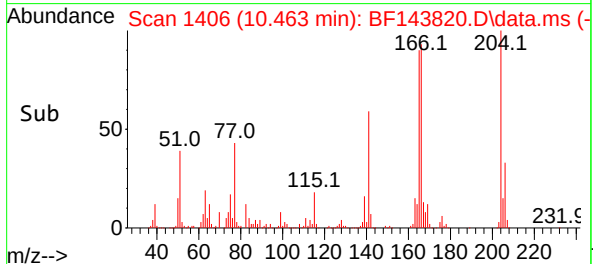
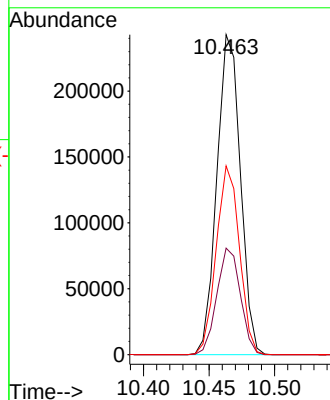
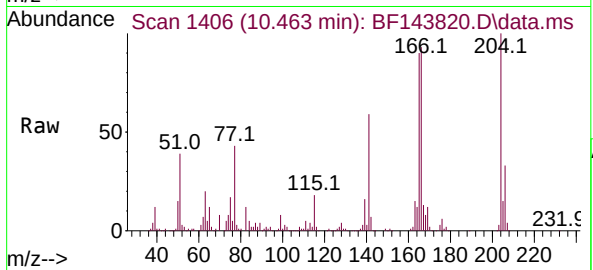




#61
4-Chlorophenyl-phenylether
Concen: 42.189 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

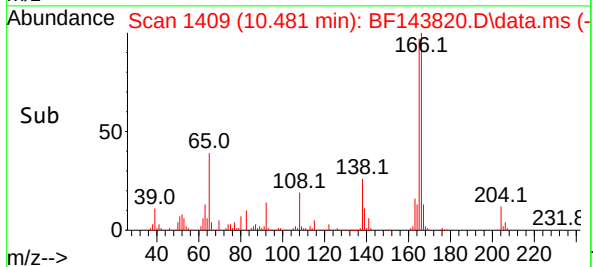
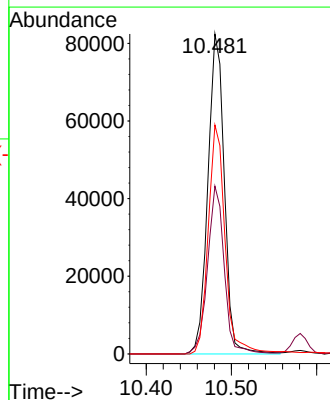
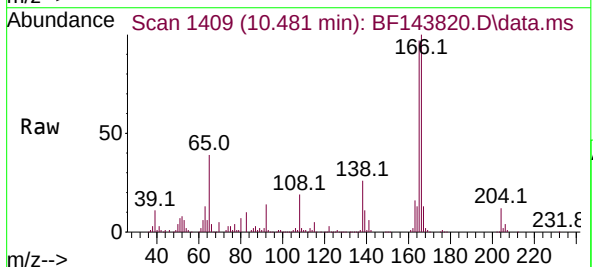
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

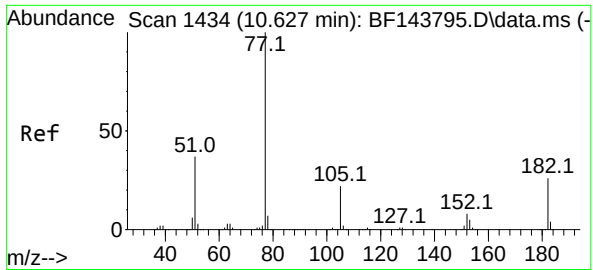
Tgt Ion:204 Resp: 303723
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 59.0 48.2 72.2



#62
4-Nitroaniline
Concen: 38.081 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:138 Resp: 110662
Ion Ratio Lower Upper
138 100
92 52.4 31.5 71.5
108 71.5 51.9 91.9

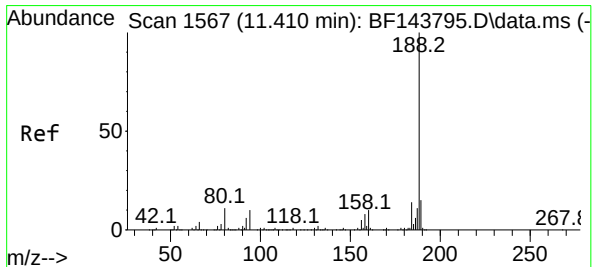
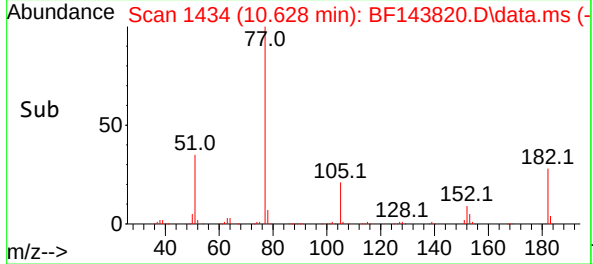
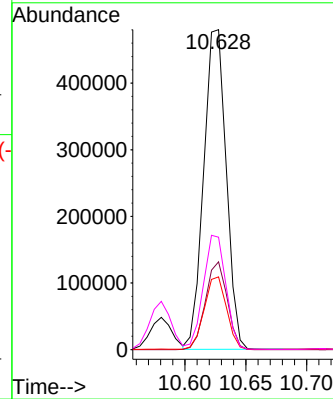
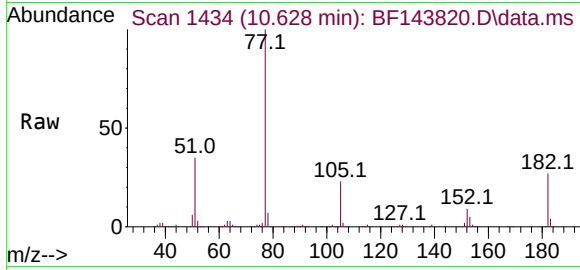




#63
Azobenzene
Concen: 40.461 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

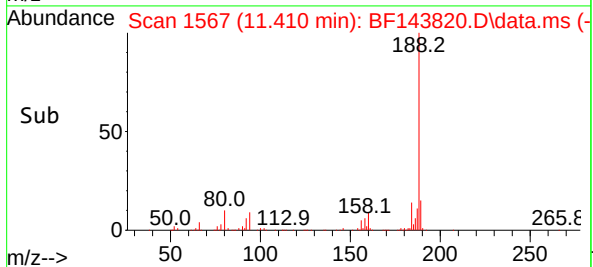
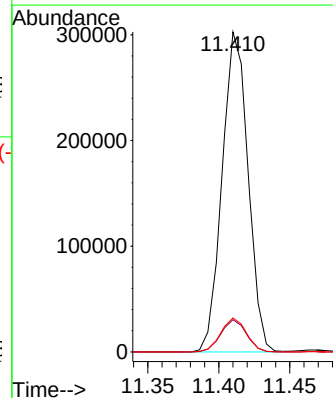
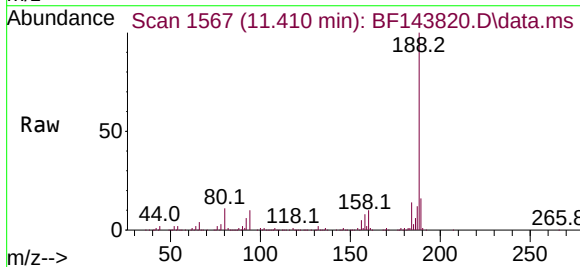
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

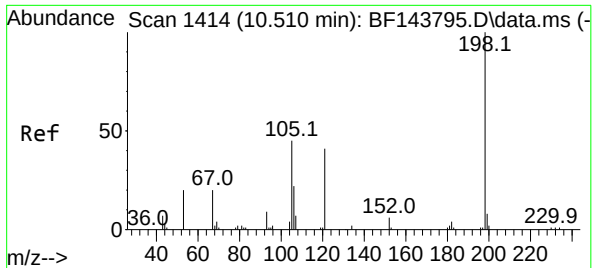
Tgt Ion: 77 Resp: 619459
Ion Ratio Lower Upper
77 100
182 27.4 5.9 45.9
105 22.7 2.3 42.3
51 35.1 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 188 Resp: 385063
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.6 8.6 12.8

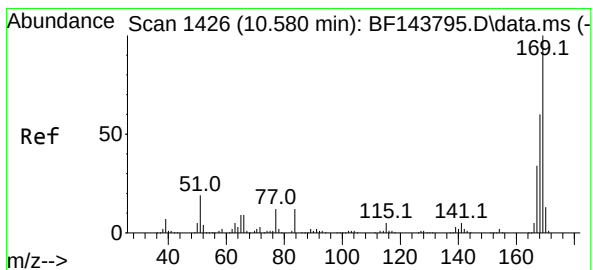
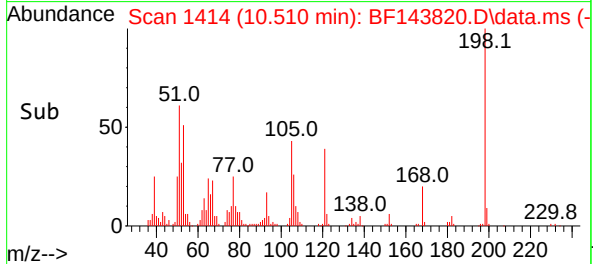
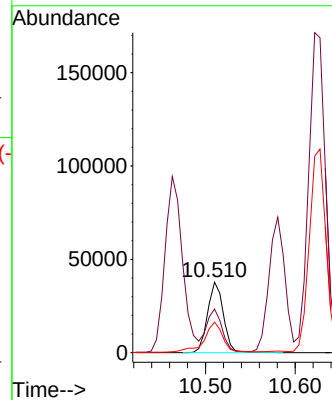
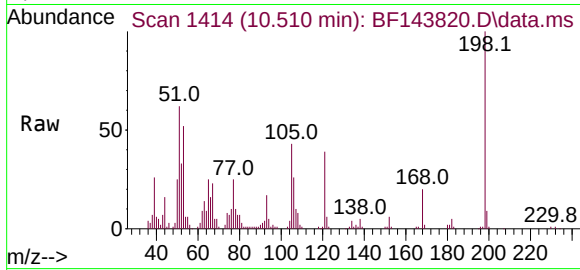




#65
4,6-Dinitro-2-methylphenol
Concen: 35.769 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

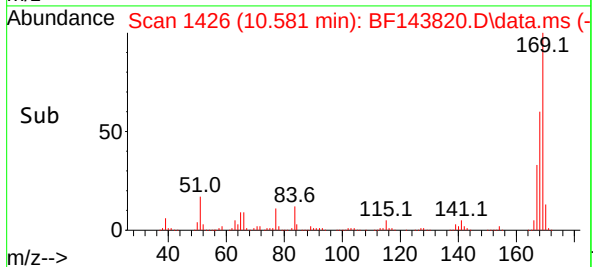
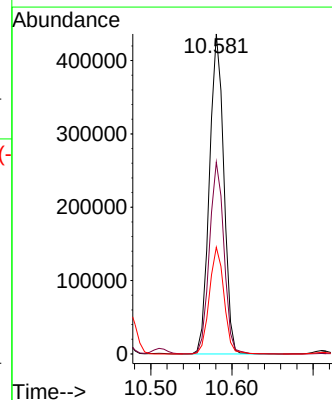
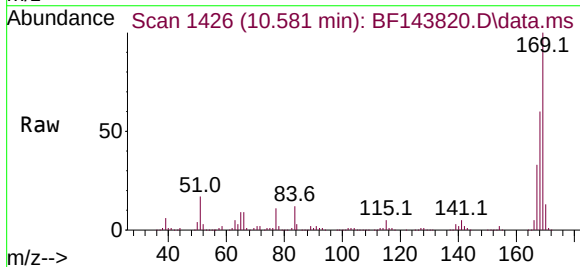
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

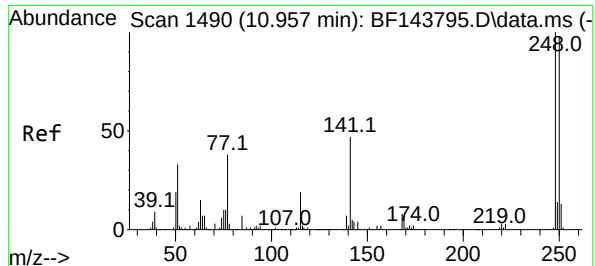
Tgt Ion:198 Resp: 46110
Ion Ratio Lower Upper
198 100
51 61.8 52.0 92.0
105 43.2 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 42.429 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:169 Resp: 537294
Ion Ratio Lower Upper
169 100
168 60.0 47.9 71.9
167 33.3 27.0 40.6

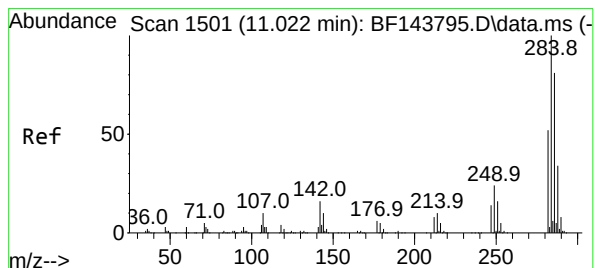
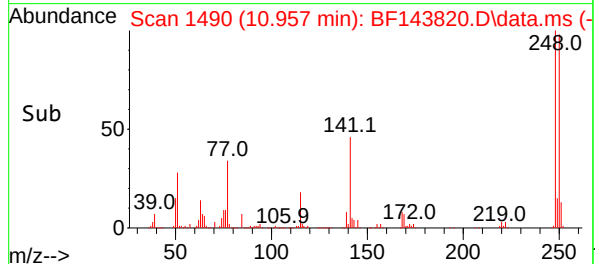
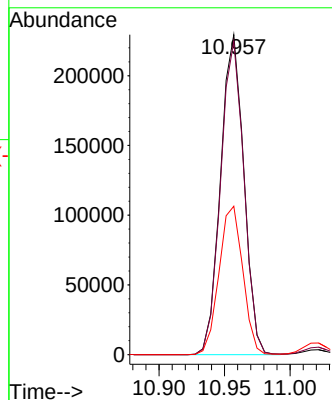
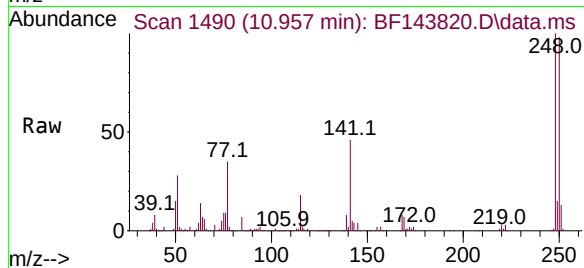




#67
4-Bromophenyl-phenylether
Concen: 43.328 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

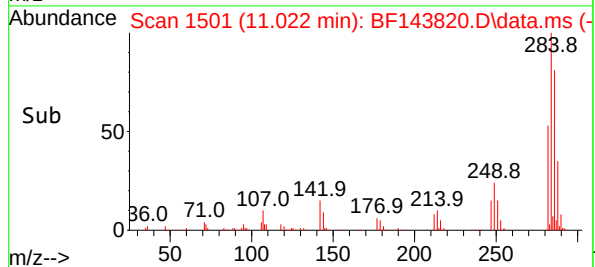
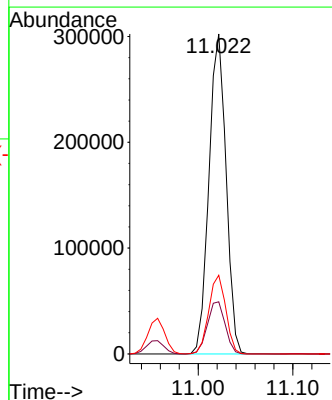
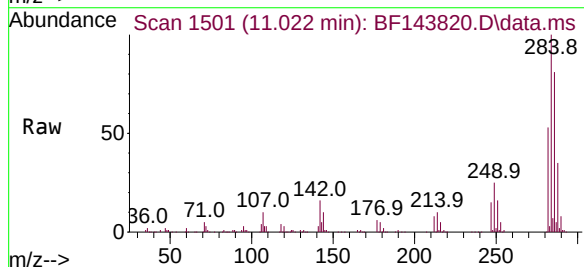
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

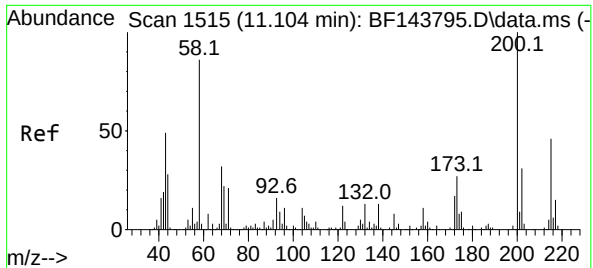
Tgt Ion:248 Resp: 284323
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 46.4 37.9 56.9



#68
Hexachlorobenzene
Concen: 42.006 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:284 Resp: 379870
Ion Ratio Lower Upper
284 100
142 16.3 13.1 19.7
249 24.6 19.5 29.3





#69

Atrazine

Concen: 41.809 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

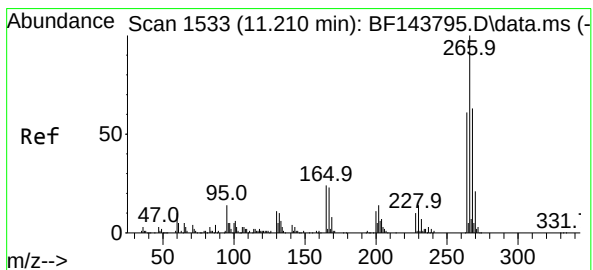
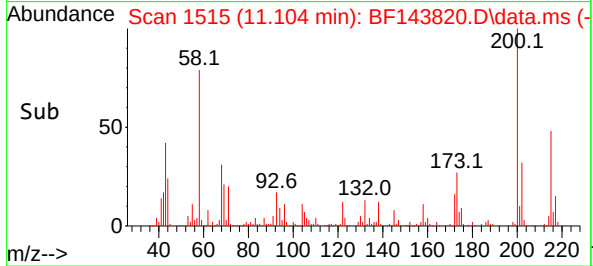
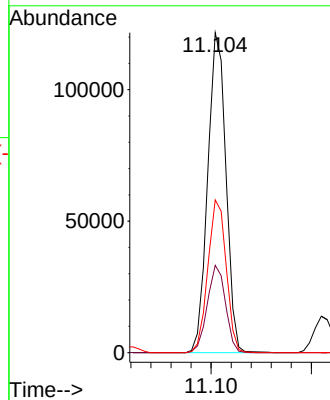
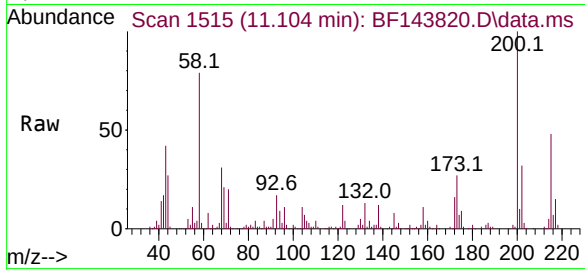
Tgt Ion:200 Resp: 153318

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

215 47.7 26.0 66.0



#70

Pentachlorophenol

Concen: 40.694 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

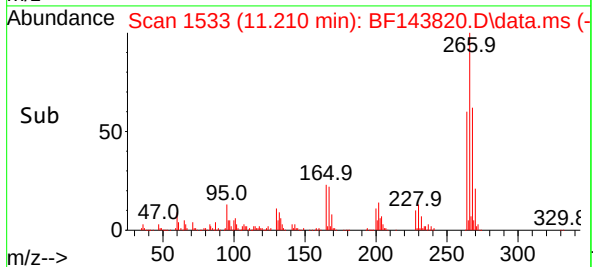
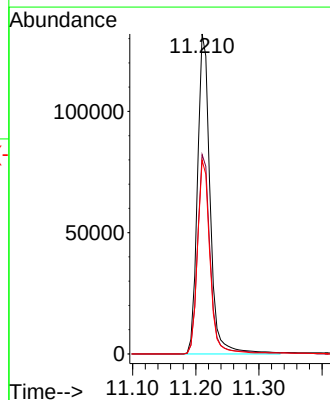
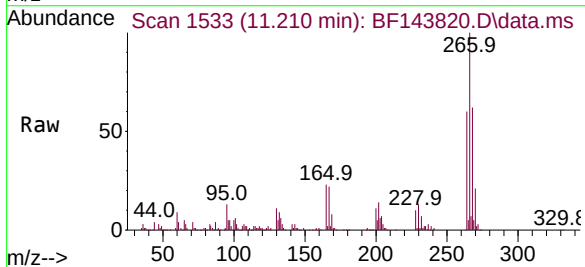
Tgt Ion:266 Resp: 183186

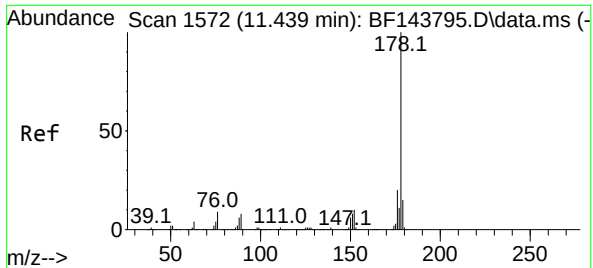
Ion Ratio Lower Upper

266 100

268 62.3 50.5 75.7

264 60.5 48.8 73.2





#71

Phenanthrene

Concen: 41.752 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

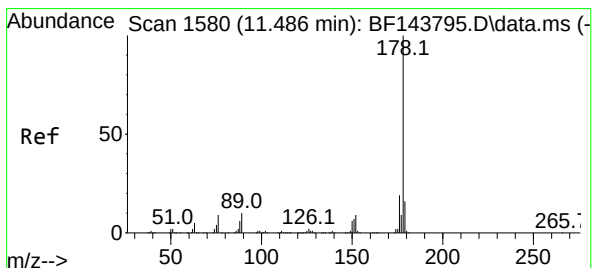
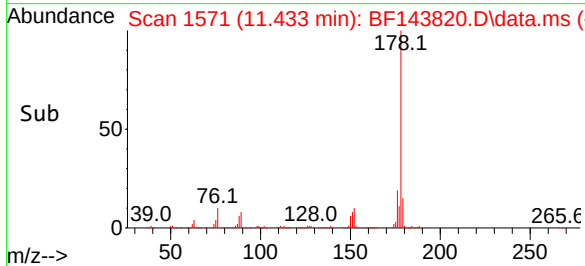
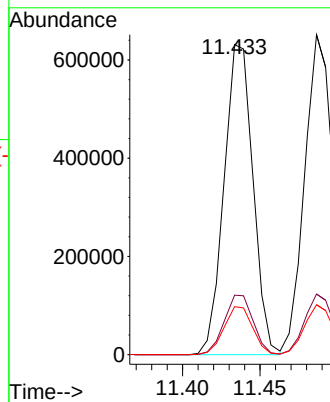
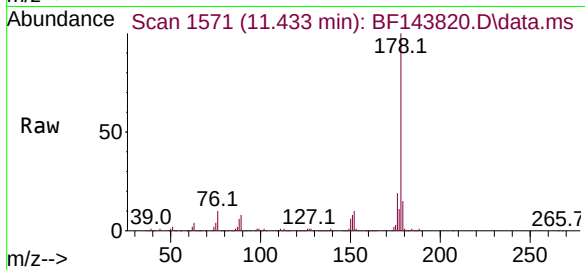
Tgt Ion:178 Resp: 825393

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.4 12.2 18.4



#72

Anthracene

Concen: 41.853 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

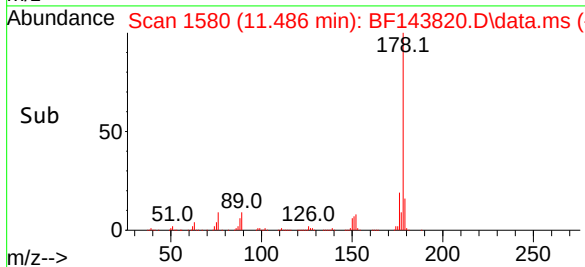
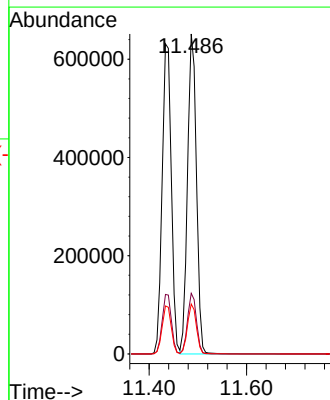
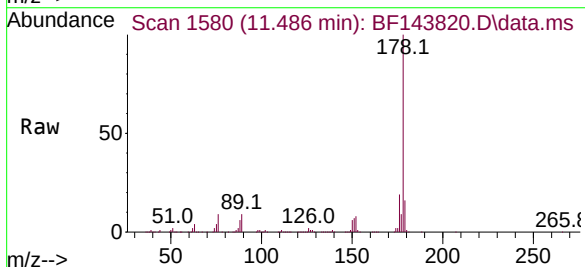
Tgt Ion:178 Resp: 829935

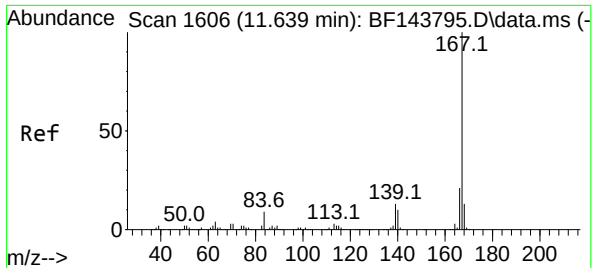
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.6 12.8 19.2

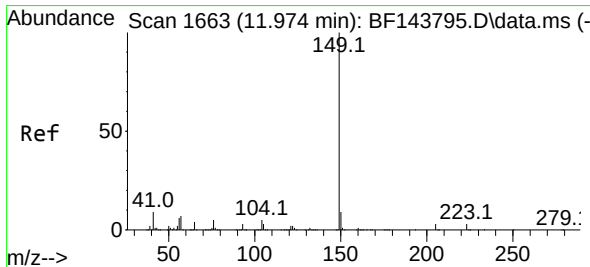
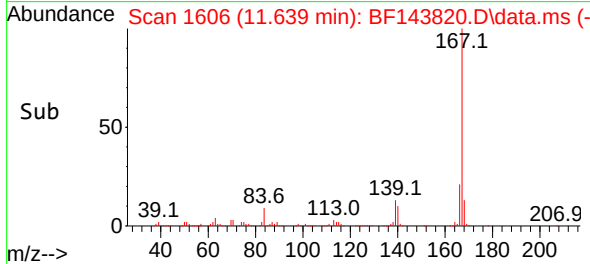
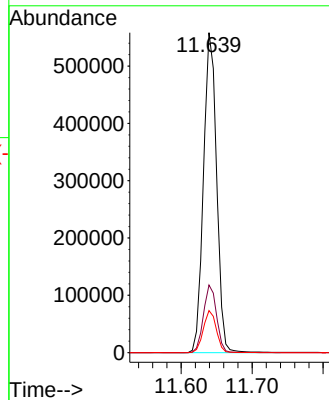
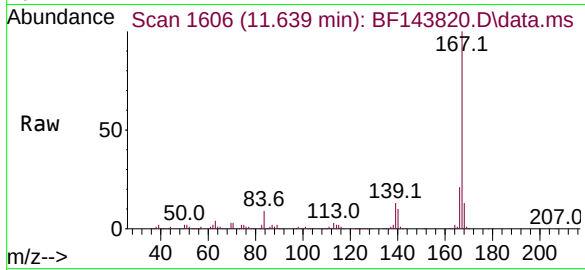




#73
Carbazole
Concen: 41.153 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

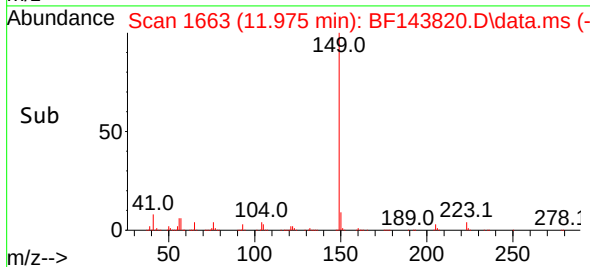
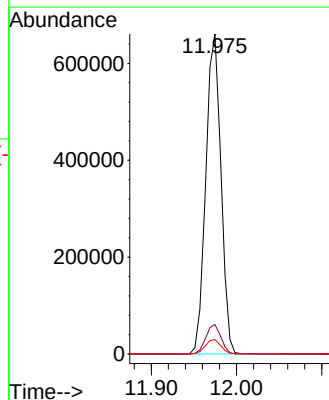
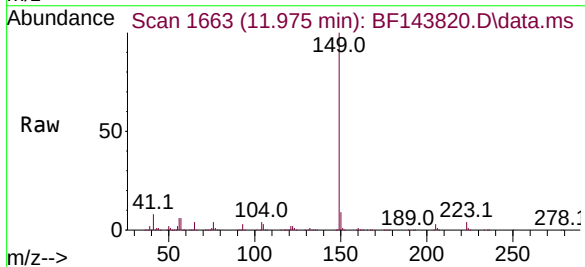
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

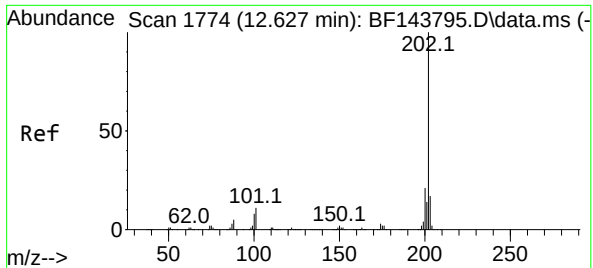
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.4
139	13.1	10.6	15.8



#74
Di-n-butylphthalate
Concen: 40.875 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.6	5.4

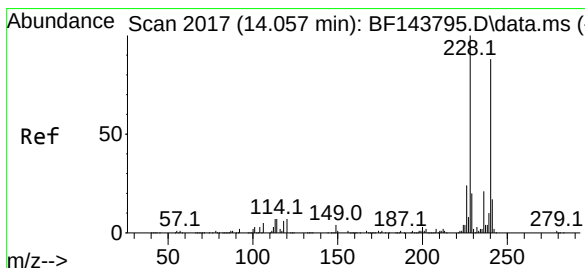
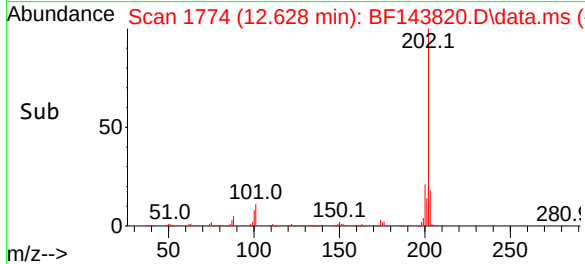
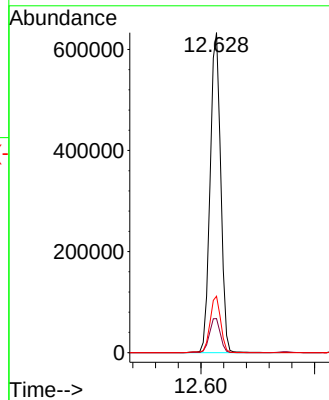
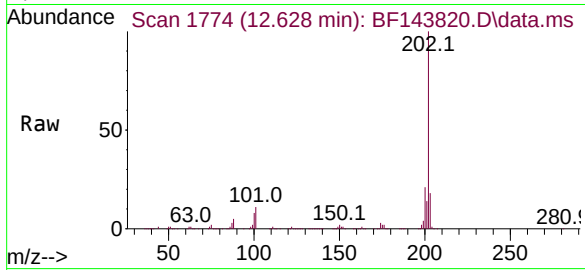




#75
Fluoranthene
Concen: 41.187 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

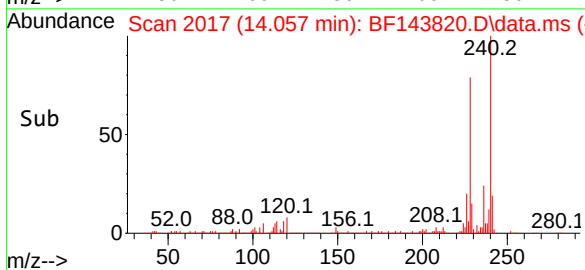
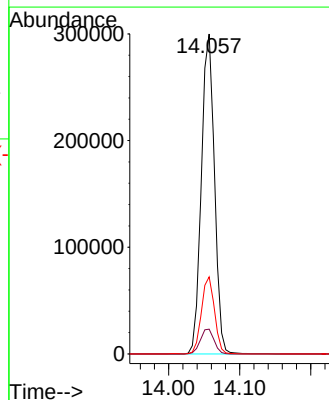
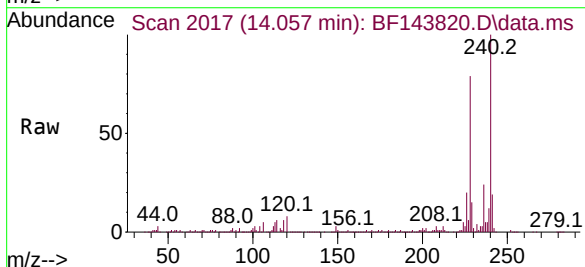
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

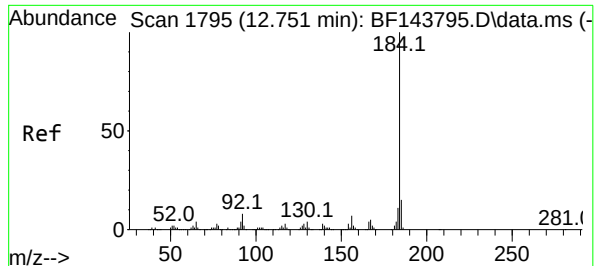
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.6	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.2	9.4
236	24.1	19.4	29.2





#77

Benzidine

Concen: 42.455 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

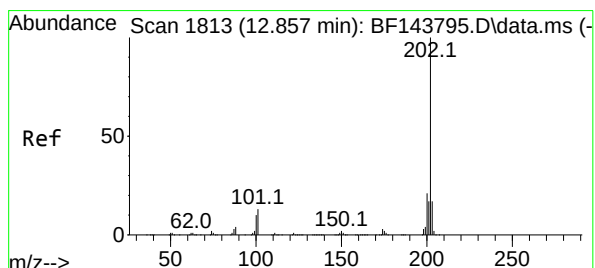
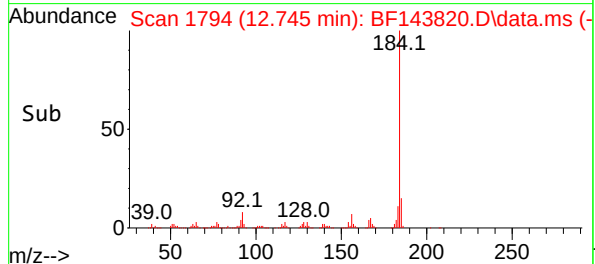
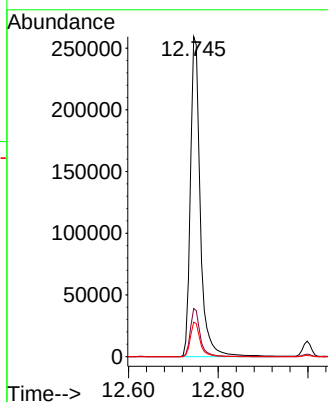
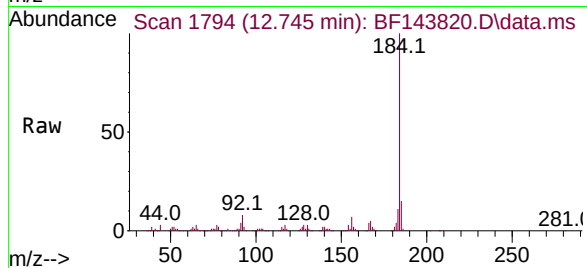
Tgt Ion:184 Resp: 395043

Ion Ratio Lower Upper

184 100

185 15.0 11.6 17.4

183 10.8 8.6 13.0



#78

Pyrene

Concen: 45.269 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

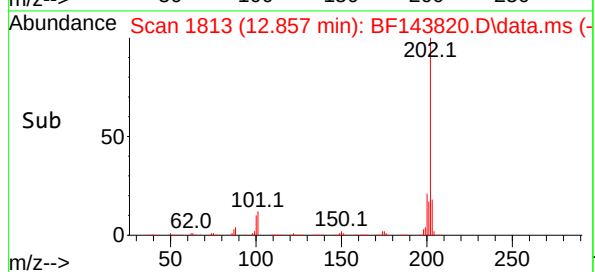
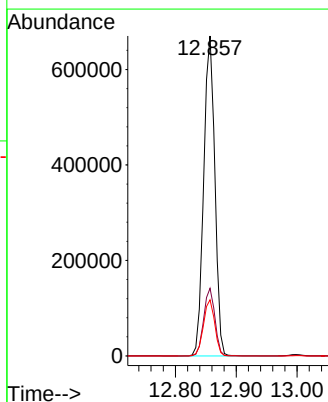
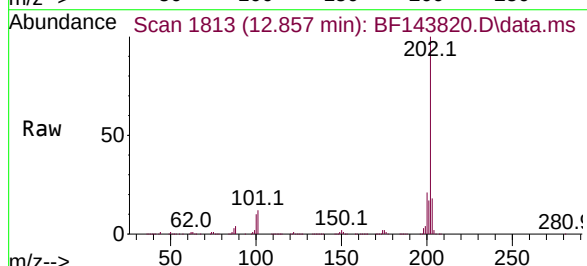
Tgt Ion:202 Resp: 849860

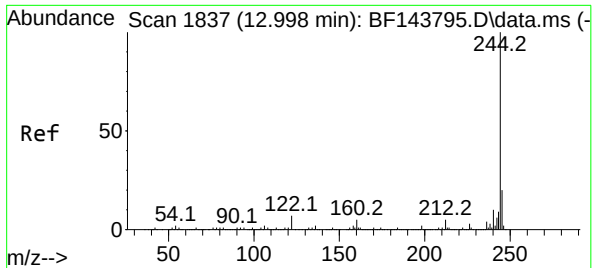
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 90.126 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

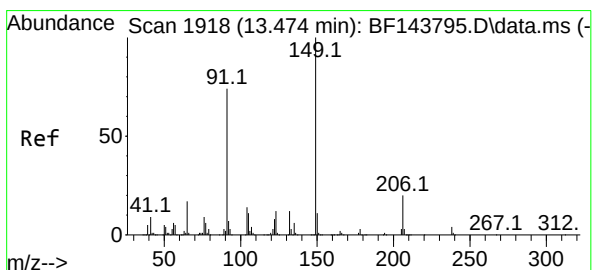
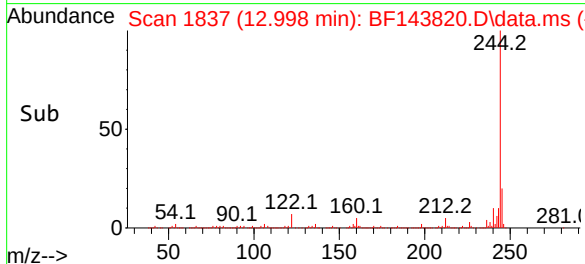
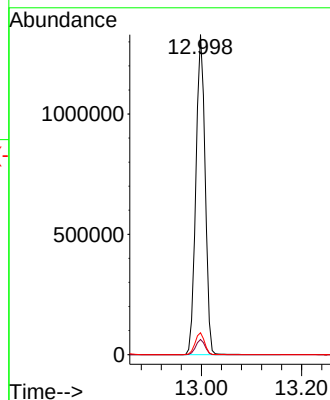
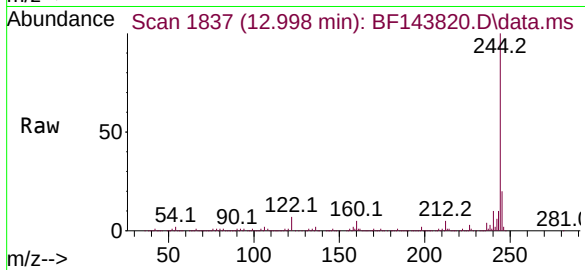
Tgt Ion:244 Resp: 1692203

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 45.133 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

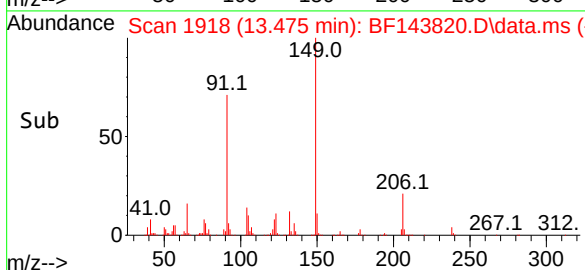
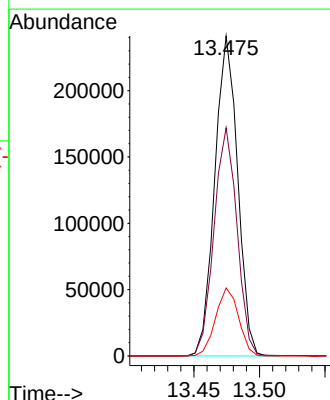
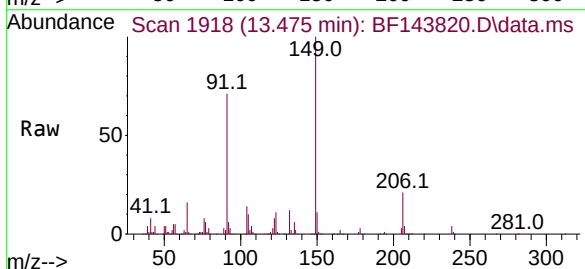
Tgt Ion:149 Resp: 293145

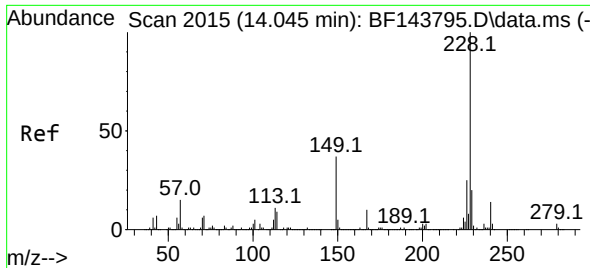
Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

206 21.3 16.1 24.1

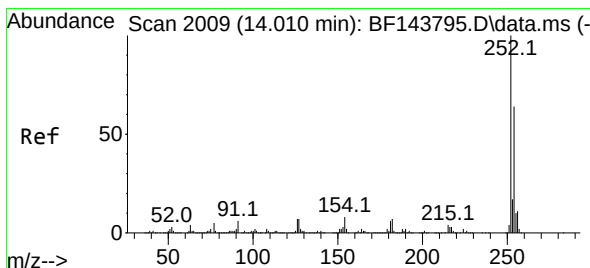
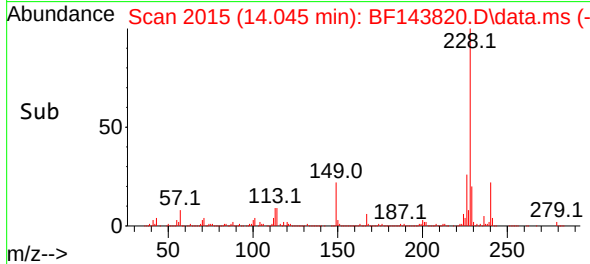
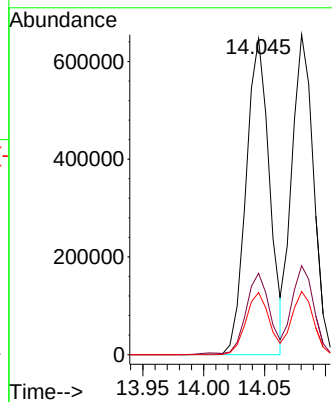
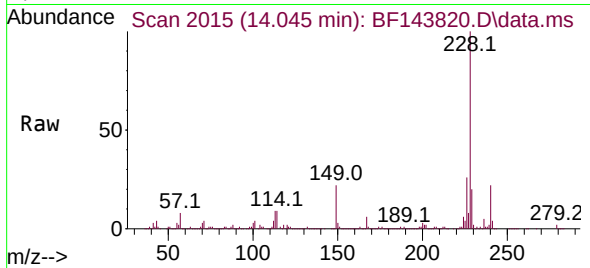




#81
Benzo(a)anthracene
Concen: 42.245 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

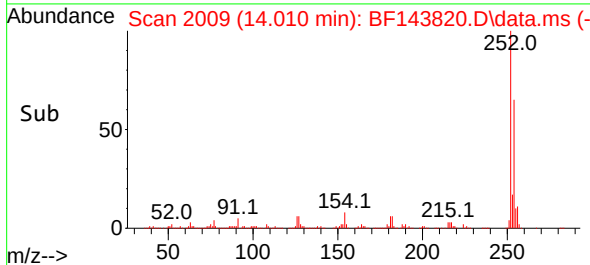
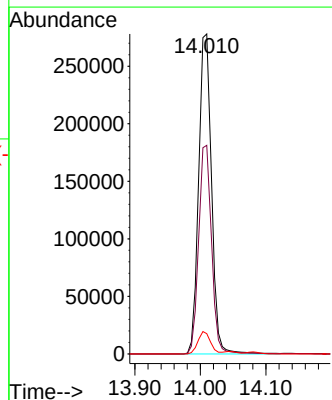
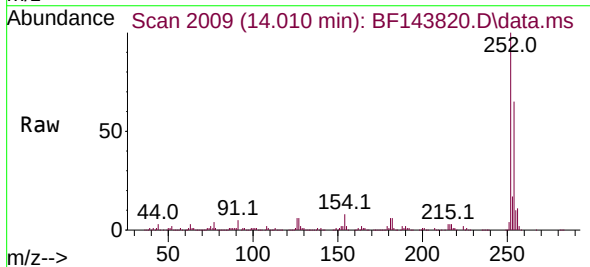
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

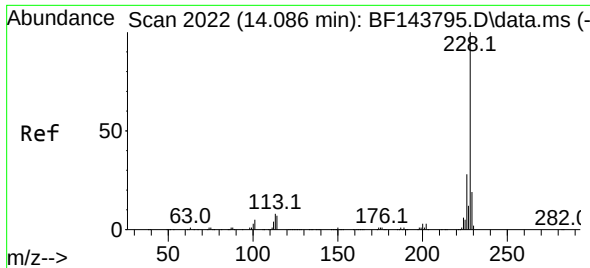
Tgt Ion:228 Resp: 866626
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.504 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:252 Resp: 377741
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 6.3 5.4 8.2

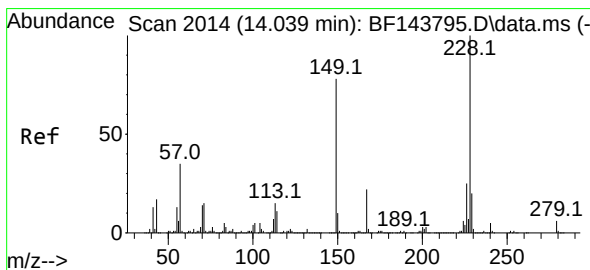
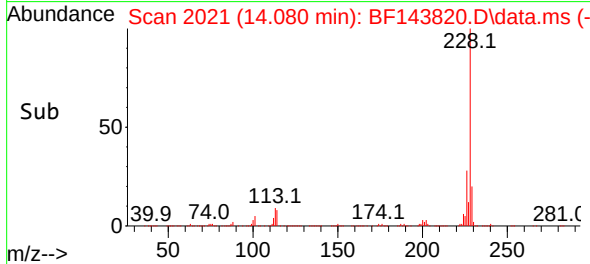
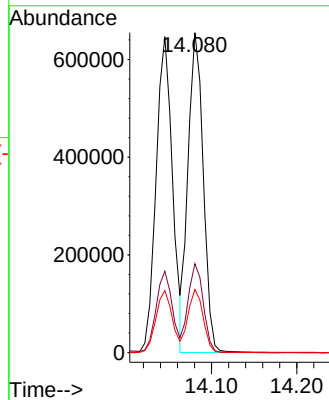
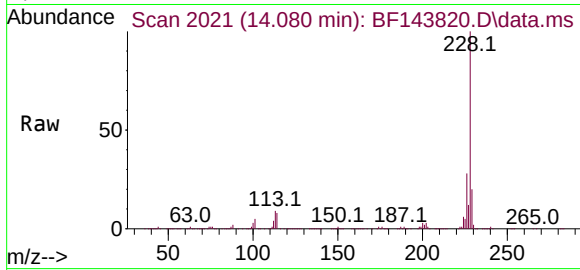




#83
Chrysene
Concen: 43.849 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

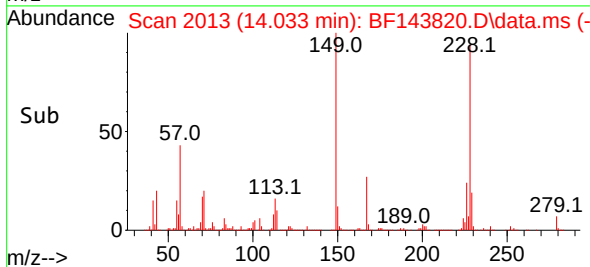
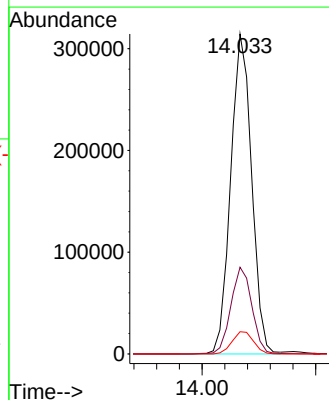
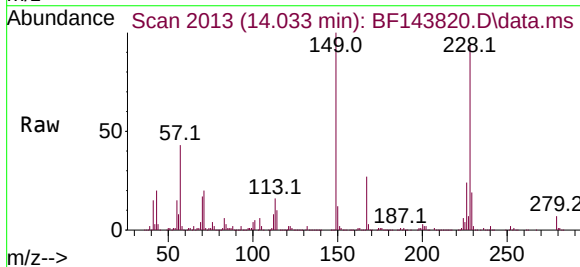
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

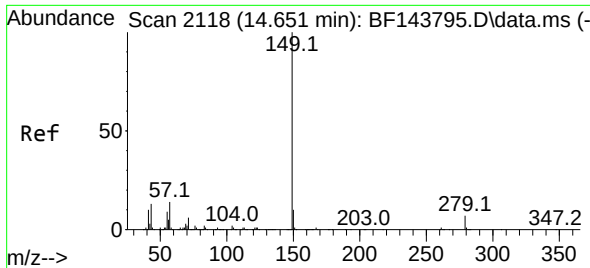
Tgt Ion:228 Resp: 813944
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.252 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:149 Resp: 402259
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 6.9 6.0 9.0

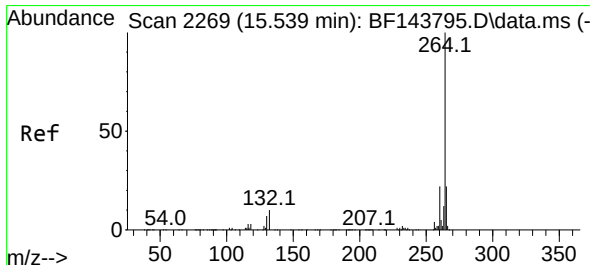
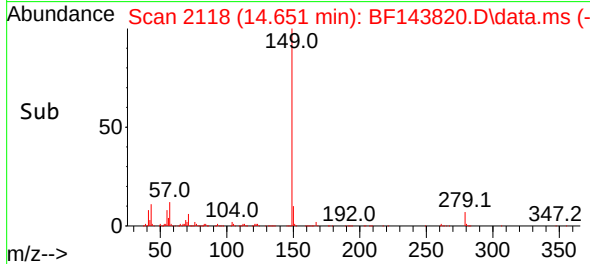
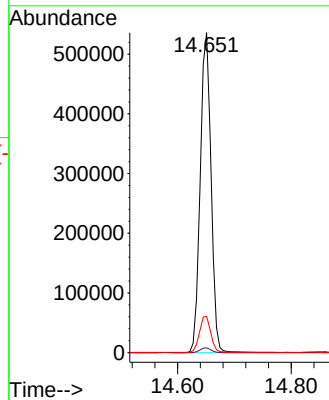
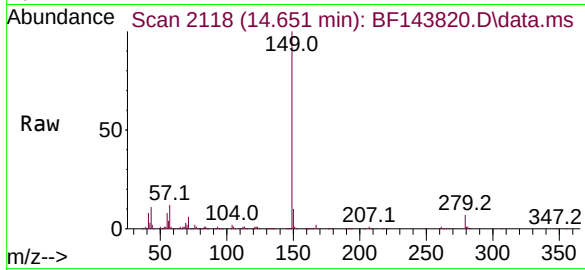




#85
Di-n-octyl phthalate
Concen: 40.768 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

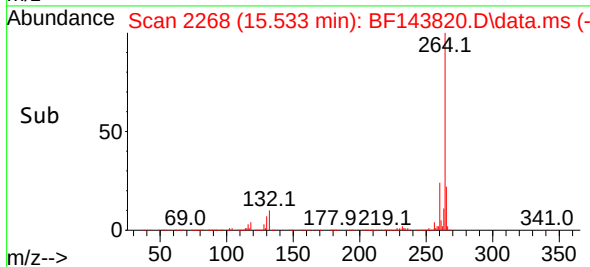
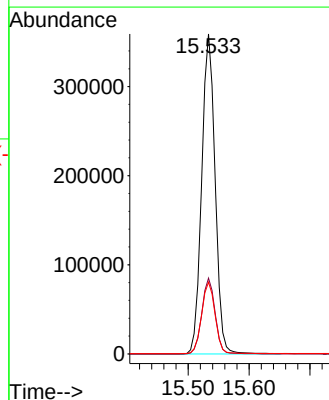
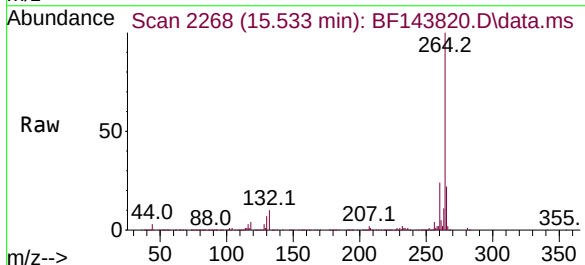
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

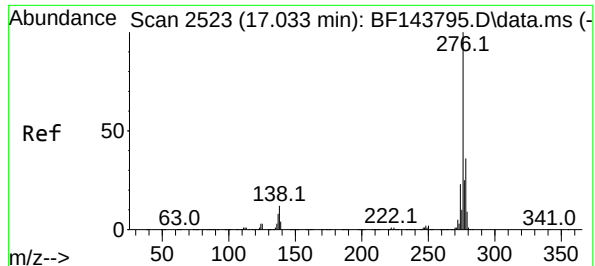
Tgt Ion:149 Resp: 704048
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.0 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:264 Resp: 549227
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.166 ng

RT: 17.027 min Scan# 2194

Delta R.T. -0.017 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

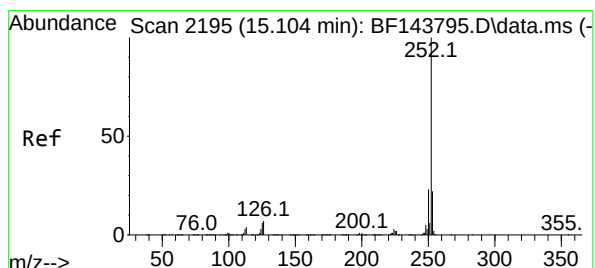
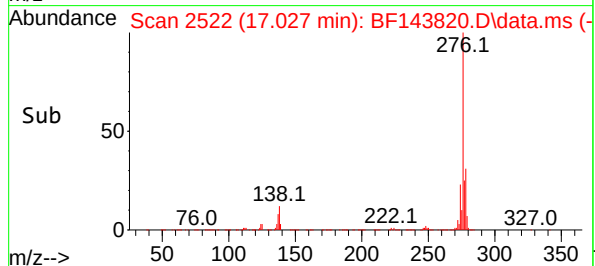
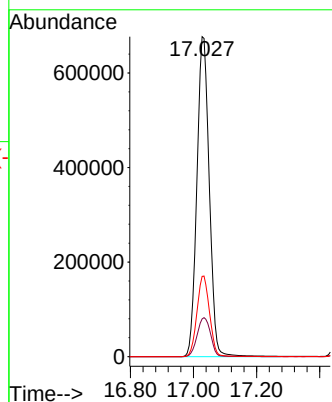
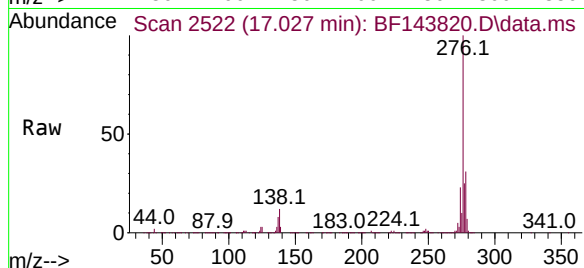
Tgt Ion:276 Resp: 1840484

Ion Ratio Lower Upper

276 100

138 13.1 10.6 15.8

277 25.6 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 45.285 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

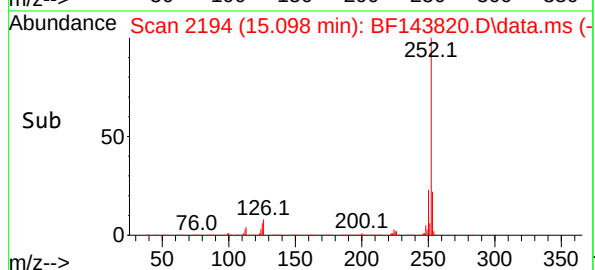
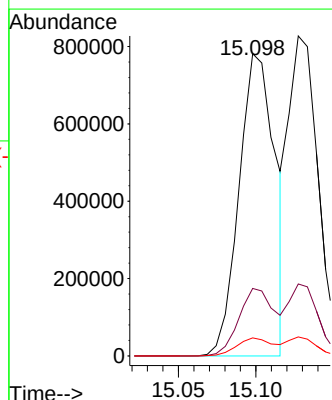
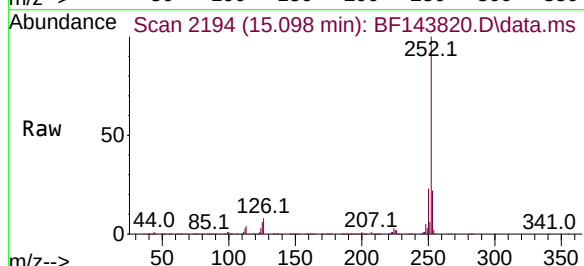
Tgt Ion:252 Resp: 1266584

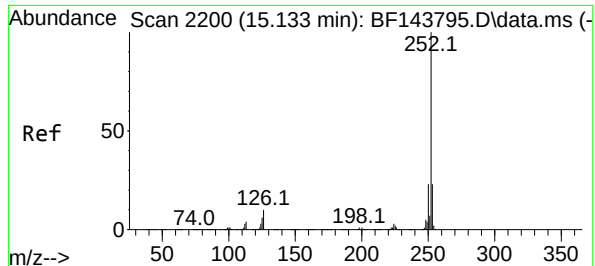
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 6.0 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 39.203 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

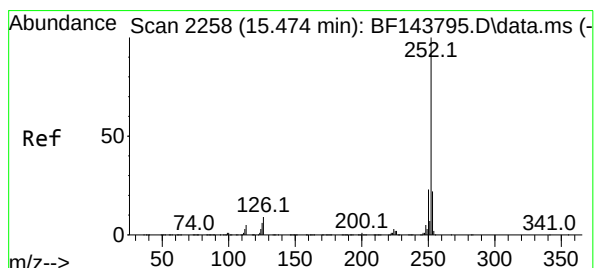
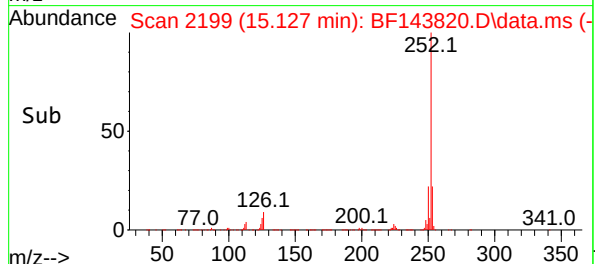
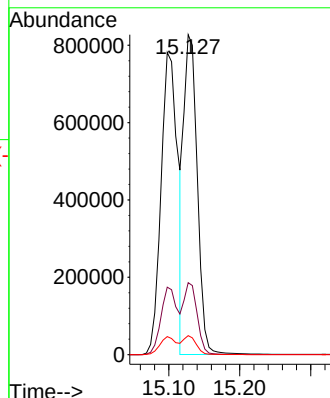
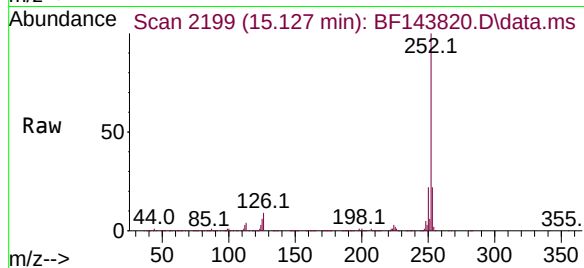
Tgt Ion:252 Resp: 1101605

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 5.9 4.6 6.8



#90

Benzo(a)pyrene

Concen: 43.127 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143820.D

Acq: 29 Sep 2025 11:09

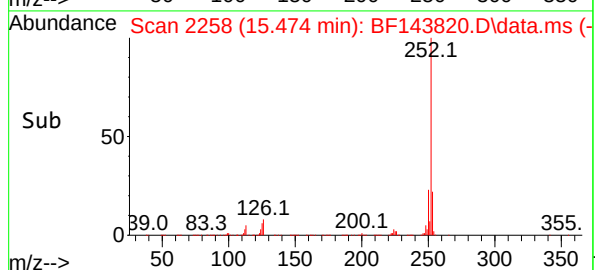
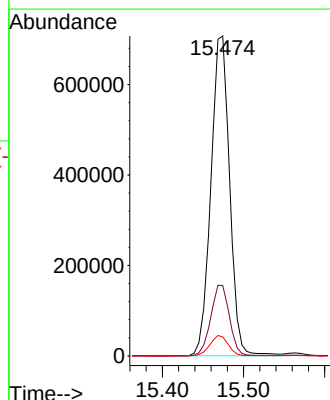
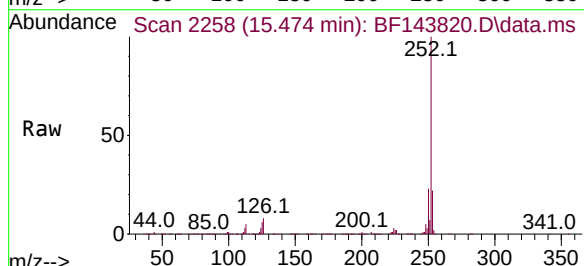
Tgt Ion:252 Resp: 1133843

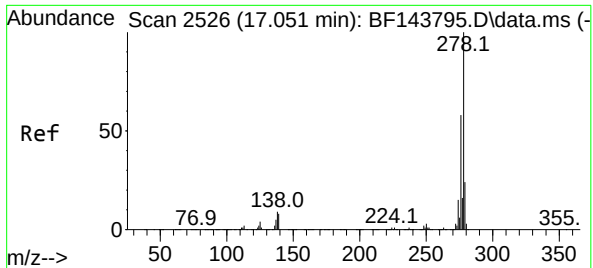
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 5.9 5.0 7.4

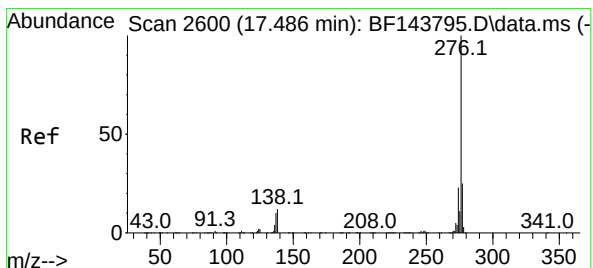
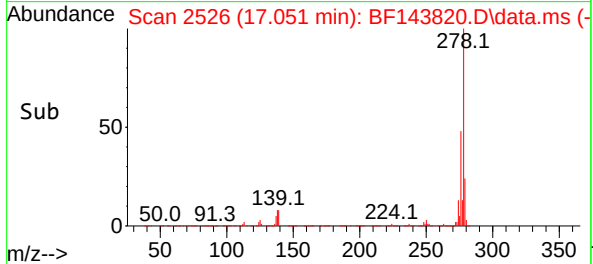
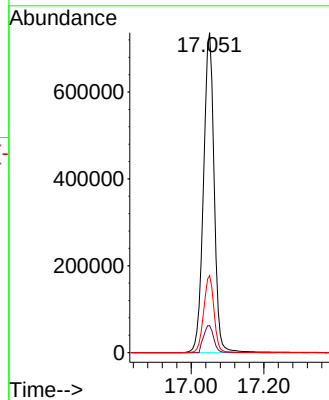
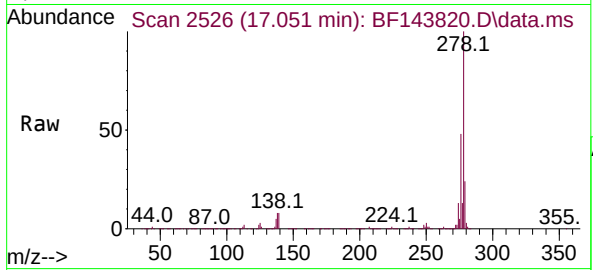




#91
Dibenzo(a,h)anthracene
Concen: 44.134 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

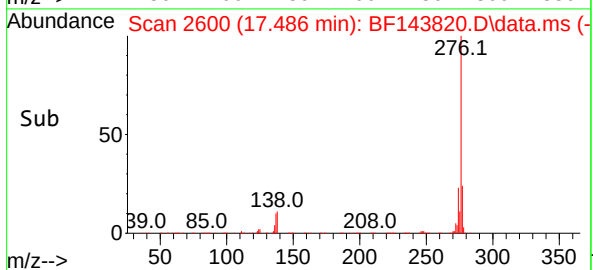
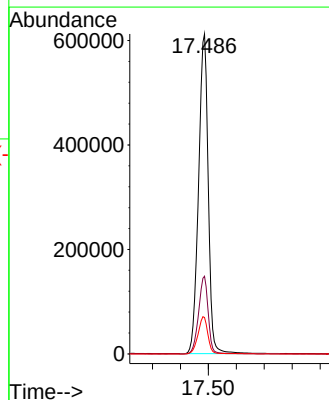
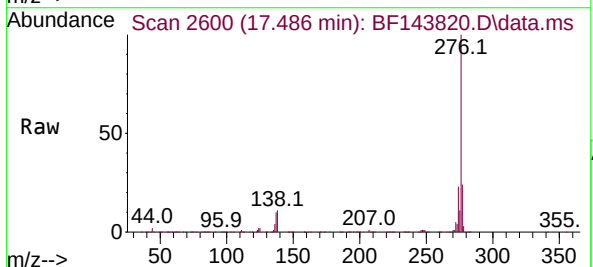
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1504266
Ion Ratio Lower Upper
278 100
139 8.5 6.7 10.1
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 44.776 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.017 min
Lab File: BF143820.D
Acq: 29 Sep 2025 11:09

Tgt Ion:276 Resp: 1471144
Ion Ratio Lower Upper
276 100
277 24.3 19.6 29.4
138 11.4 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 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	126	0.00
2	1,4-Dioxane	40.000	41.409	-3.5	120	0.00
3	Pyridine	40.000	41.484	-3.7	120	0.00
4	n-Nitrosodimethylamine	40.000	37.991	5.0	112	-0.01
5 S	2-Fluorophenol	80.000	82.368	-3.0	120	0.00
6	Aniline	40.000	40.846	-2.1	123	0.00
7 S	Phenol-d6	80.000	83.182	-4.0	122	0.00
8	2-Chlorophenol	40.000	40.415	-1.0	120	0.00
9	Benzaldehyde	40.000	39.500	1.3	105	0.00
10 C	Phenol	40.000	43.508	-8.8	129	0.00
11	bis(2-Chloroethyl)ether	40.000	41.590	-4.0	124	0.00
12	1,3-Dichlorobenzene	40.000	41.124	-2.8	122	0.00
13 C	1,4-Dichlorobenzene	40.000	40.960	-2.4	122	0.00
14	1,2-Dichlorobenzene	40.000	41.612	-4.0	125	0.00
15	Benzyl Alcohol	40.000	42.094	-5.2	125	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.764	8.1	110	0.00
17	2-Methylphenol	40.000	41.812	-4.5	125	0.00
18	Hexachloroethane	40.000	39.318	1.7	117	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.402	1.5	124	-0.01
20	3+4-Methylphenols	40.000	41.914	-4.8	123	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	128	0.00
22	Acetophenone	40.000	40.040	-0.1	122	0.00
23 S	Nitrobenzene-d5	80.000	72.707	9.1	108	0.00
24	Nitrobenzene	40.000	37.358	6.6	111	0.00
25	Isophorone	40.000	41.170	-2.9	125	0.00
26 C	2-Nitrophenol	40.000	33.474	16.3	105	0.00
27	2,4-Dimethylphenol	40.000	40.957	-2.4	123	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.343	-3.4	125	0.00
29 C	2,4-Dichlorophenol	40.000	41.235	-3.1	124	0.00
30	1,2,4-Trichlorobenzene	40.000	41.758	-4.4	126	0.00
31	Naphthalene	40.000	40.816	-2.0	125	0.00
32	Benzoic acid	40.000	29.699	25.8#	93	-0.02
33	4-Chloroaniline	40.000	42.447	-6.1	129	0.00
34 C	Hexachlorobutadiene	40.000	41.346	-3.4	123	0.00
35	Caprolactam	40.000	40.358	-0.9	124	-0.02
36 C	4-Chloro-3-methylphenol	40.000	41.759	-4.4	127	0.00
37	2-Methylnaphthalene	40.000	41.490	-3.7	128	0.00
38	1-Methylnaphthalene	40.000	41.459	-3.6	127	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	130	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.319	-5.8	132	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.209	2.0	117	0.00
42 S	2,4,6-Tribromophenol	80.000	70.336	12.1	103	0.00
43 C	2,4,6-Trichlorophenol	40.000	43.147	-7.9	126	0.00
44	2,4,5-Trichlorophenol	40.000	41.453	-3.6	126	0.00
45 S	2-Fluorobiphenyl	80.000	83.708	-4.6	129	0.00
46	1,1'-Biphenyl	40.000	41.272	-3.2	130	0.00
47	2-Chloronaphthalene	40.000	41.256	-3.1	129	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 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	36.321	9.2	104	0.00
49	Acenaphthylene	40.000	41.683	-4.2	129	0.00
50	Dimethylphthalate	40.000	41.189	-3.0	127	0.00
51	2,6-Dinitrotoluene	40.000	34.930	12.7	100	0.00
52 C	Acenaphthene	40.000	41.506	-3.8	129	0.00
53	3-Nitroaniline	40.000	38.886	2.8	109	0.00
54 P	2,4-Dinitrophenol	40.000	38.564	3.6	118	0.00
55	Dibenzofuran	40.000	41.821	-4.6	130	0.00
56 P	4-Nitrophenol	40.000	33.617	16.0	103	0.00
57	2,4-Dinitrotoluene	40.000	32.257	19.4	98	0.00
58	Fluorene	40.000	41.101	-2.8	130	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.253	-5.6	125	0.00
60	Diethylphthalate	40.000	40.923	-2.3	126	0.00
61	4-Chlorophenyl-phenylether	40.000	42.189	-5.5	132	0.00
62	4-Nitroaniline	40.000	38.081	4.8	107	-0.01
63	Azobenzene	40.000	40.461	-1.2	124	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	126	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.769	10.6	109	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.429	-6.1	129	0.00
67	4-Bromophenyl-phenylether	40.000	43.328	-8.3	129	0.00
68	Hexachlorobenzene	40.000	42.006	-5.0	126	0.00
69	Atrazine	40.000	41.809	-4.5	119	0.00
70 C	Pentachlorophenol	40.000	40.694	-1.7	117	0.00
71	Phenanthrene	40.000	41.752	-4.4	125	0.00
72	Anthracene	40.000	41.853	-4.6	126	0.00
73	Carbazole	40.000	41.153	-2.9	120	0.00
74	Di-n-butylphthalate	40.000	40.875	-2.2	115	0.00
75 C	Fluoranthene	40.000	41.187	-3.0	117	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	42.455	-6.1	106	0.00
78	Pyrene	40.000	45.269	-13.2	116	0.00
79 S	Terphenyl-d14	80.000	90.126	-12.7	113	0.00
80	Butylbenzylphthalate	40.000	45.133	-12.8	102	0.00
81	Benzo(a)anthracene	40.000	42.245	-5.6	103	0.00
82	3,3'-Dichlorobenzidine	40.000	42.504	-6.3	104	0.00
83	Chrysene	40.000	43.849	-9.6	109	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	42.252	-5.6	98	0.00
85 c	Di-n-octyl phthalate	40.000	40.768	-1.9	95	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	44.166	-10.4	109	-0.02
88	Benzo(b)fluoranthene	40.000	45.285	-13.2	109	0.00
89	Benzo(k)fluoranthene	40.000	39.203	2.0	96	-0.01
90 C	Benzo(a)pyrene	40.000	43.127	-7.8	105	0.00
91	Dibenzo(a,h)anthracene	40.000	44.134	-10.3	107	-0.02
92	Benzo(g,h,i)perylene	40.000	44.776	-11.9	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143820.D
Acq On : 29 Sep 2025 11:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_F
 LabSampleId :
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Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 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	126	0.00
2	1,4-Dioxane	0.589	0.610	-3.6	120	0.00
3	Pyridine	1.590	1.649	-3.7	120	0.00
4	n-Nitrosodimethylamine	0.797	0.757	5.0	112	-0.01
5 S	2-Fluorophenol	1.231	1.267	-2.9	120	0.00
6	Aniline	2.064	2.108	-2.1	123	0.00
7 S	Phenol-d6	1.422	1.479	-4.0	122	0.00
8	2-Chlorophenol	1.260	1.273	-1.0	120	0.00
9	Benzaldehyde	1.246	1.230	1.3	105	0.00
10 C	Phenol	1.653	1.798	-8.8	129	0.00
11	bis(2-Chloroethyl)ether	1.296	1.347	-3.9	124	0.00
12	1,3-Dichlorobenzene	1.463	1.504	-2.8	122	0.00
13 C	1,4-Dichlorobenzene	1.460	1.495	-2.4	122	0.00
14	1,2-Dichlorobenzene	1.383	1.439	-4.0	125	0.00
15	Benzyl Alcohol	1.028	1.082	-5.3	125	0.00
16	2,2'-oxybis(1-Chloropropane	3.073	2.824	8.1	110	0.00
17	2-Methylphenol	0.976	1.020	-4.5	125	0.00
18	Hexachloroethane	0.514	0.505	1.8	117	0.00
19 P	n-Nitroso-di-n-propylamine	0.915	0.901	1.5	124	-0.01
20	3+4-Methylphenols	1.188	1.245	-4.8	123	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	128	0.00
22	Acetophenone	0.439	0.440	-0.2	122	0.00
23 S	Nitrobenzene-d5	0.327	0.297	9.2	108	0.00
24	Nitrobenzene	0.362	0.338	6.6	111	0.00
25	Isophorone	0.637	0.655	-2.8	125	0.00
26 C	2-Nitrophenol	0.132	0.121	8.3	105	0.00
27	2,4-Dimethylphenol	0.285	0.291	-2.1	123	0.00
28	bis(2-Chloroethoxy)methane	0.414	0.428	-3.4	125	0.00
29 C	2,4-Dichlorophenol	0.280	0.289	-3.2	124	0.00
30	1,2,4-Trichlorobenzene	0.291	0.303	-4.1	126	0.00
31	Naphthalene	0.957	0.977	-2.1	125	0.00
32	Benzoic acid	0.137	0.102	25.5#	93	-0.02
33	4-Chloroaniline	0.336	0.357	-6.2	129	0.00
34 C	Hexachlorobutadiene	0.217	0.224	-3.2	123	0.00
35	Caprolactam	0.072	0.072	0.0	124	-0.02
36 C	4-Chloro-3-methylphenol	0.263	0.274	-4.2	127	0.00
37	2-Methylnaphthalene	0.611	0.633	-3.6	128	0.00
38	1-Methylnaphthalene	0.584	0.606	-3.8	127	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	130	0.00
40	1,2,4,5-Tetrachlorobenzene	0.604	0.639	-5.8	132	0.00
41 P	Hexachlorocyclopentadiene	0.383	0.375	2.1	117	0.00
42 S	2,4,6-Tribromophenol	0.296	0.260	12.2	103	0.00
43 C	2,4,6-Trichlorophenol	0.378	0.408	-7.9	126	0.00
44	2,4,5-Trichlorophenol	0.395	0.410	-3.8	126	0.00
45 S	2-Fluorobiphenyl	1.282	1.341	-4.6	129	0.00
46	1,1'-Biphenyl	1.448	1.494	-3.2	130	0.00
47	2-Chloronaphthalene	1.165	1.202	-3.2	129	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143820.D
 Acq On : 29 Sep 2025 11:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 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	0.352	0.320	9.1	104	0.00
49	Acenaphthylene	1.604	1.672	-4.2	129	0.00
50	Dimethylphthalate	1.219	1.255	-3.0	127	0.00
51	2,6-Dinitrotoluene	0.200	0.175	12.5	100	0.00
52 C	Acenaphthene	1.056	1.095	-3.7	129	0.00
53	3-Nitroaniline	0.243	0.236	2.9	109	0.00
54 P	2,4-Dinitrophenol	0.064	0.057	10.9	118	0.00
55	Dibenzofuran	1.493	1.561	-4.6	130	0.00
56 P	4-Nitrophenol	0.196	0.164	16.3	103	0.00
57	2,4-Dinitrotoluene	0.261	0.232	11.1	98	0.00
58	Fluorene	1.110	1.140	-2.7	130	0.00
59	2,3,4,6-Tetrachlorophenol	0.339	0.358	-5.6	125	0.00
60	Diethylphthalate	1.141	1.167	-2.3	126	0.00
61	4-Chlorophenyl-phenylether	0.566	0.596	-5.3	132	0.00
62	4-Nitroaniline	0.228	0.217	4.8	107	-0.01
63	Azobenzene	1.203	1.216	-1.1	124	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	126	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.060	10.4	109	0.00
66 c	n-Nitrosodiphenylamine	0.658	0.698	-6.1	129	0.00
67	4-Bromophenyl-phenylether	0.341	0.369	-8.2	129	0.00
68	Hexachlorobenzene	0.470	0.493	-4.9	126	0.00
69	Atrazine	0.190	0.199	-4.7	119	0.00
70 C	Pentachlorophenol	0.234	0.238	-1.7	117	0.00
71	Phenanthrene	1.027	1.072	-4.4	125	0.00
72	Anthracene	1.030	1.078	-4.7	126	0.00
73	Carbazole	0.901	0.926	-2.8	120	0.00
74	Di-n-butylphthalate	1.036	1.058	-2.1	115	0.00
75 C	Fluoranthene	1.033	1.063	-2.9	117	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzydine	0.487	0.517	-6.2	106	0.00
78	Pyrene	0.983	1.113	-13.2	116	0.00
79 S	Terphenyl-d14	0.983	1.108	-12.7	113	0.00
80	Butylbenzylphthalate	0.340	0.384	-12.9	102	0.00
81	Benzo(a)anthracene	1.074	1.135	-5.7	103	0.00
82	3,3'-Dichlorobenzidine	0.465	0.495	-6.5	104	0.00
83	Chrysene	0.972	1.066	-9.7	109	0.00
84	Bis(2-ethylhexyl)phthalate	0.499	0.527	-5.6	98	0.00
85 c	Di-n-octyl phthalate	0.905	0.922	-1.9	95	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.517	1.676	-10.5	109	-0.02
88	Benzo(b)fluoranthene	1.018	1.153	-13.3	109	0.00
89	Benzo(k)fluoranthene	1.023	1.003	2.0	96	-0.01
90 C	Benzo(a)pyrene	0.957	1.032	-7.8	105	0.00
91	Dibenzo(a,h)anthracene	1.241	1.369	-10.3	107	-0.02
92	Benzo(g,h,i)perylene	1.196	1.339	-12.0	109	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143820.D
Acq On : 29 Sep 2025 11:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Sep 29 11:35:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 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: SCIA01
 Lab Code: ACE SDG No.: Q3215
 Instrument ID: BNA_G Calibration Date/Time: 09/29/2025 12:21
 Lab File ID: BG064456.D Init. Calib. Date(s): 09/25/2025 09/25/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:55 19:26
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.047	1.135		8.4	
Phenol-d6	1.434	1.572		9.6	
Nitrobenzene-d5	0.369	0.396		7.3	
Naphthalene	1.044	1.123		7.6	
2-Fluorobiphenyl	1.354	1.348		-0.4	
Acenaphthylene	1.605	1.623		1.1	
Acenaphthene	1.099	1.139		3.6	20.0
Fluorene	1.504	1.430		-4.9	
2,4,6-Tribromophenol	0.349	0.344		-1.4	
Phenanthrene	1.040	1.086		4.4	
Anthracene	1.059	1.106		4.4	
Fluoranthene	1.313	1.574		19.9	20.0
Pyrene	1.241	1.341		8.1	
Terphenyl-d14	1.015	1.107		9.1	
Benzo (a) anthracene	1.281	1.383		8.0	
Chrysene	1.213	1.312		8.2	
Benzo (b) fluoranthene	1.147	1.259		9.8	
Benzo (k) fluoranthene	1.147	1.216		6.0	
Benzo (a) pyrene	1.062	1.138		7.2	20.0
Indeno (1,2,3-cd) pyrene	1.414	1.504		6.4	
Dibenzo (a,h) anthracene	1.146	1.221		6.5	
Benzo (g,h,i) perylene	1.101	1.172		6.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	15748	20.000	ng	0.00
21) Naphthalene-d8	10.626	136	66555	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	56473	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	131242	20.000	ng	# 0.00
76) Chrysene-d12	21.431	240	160574	20.000	ng	0.00
86) Perylene-d12	24.428	264	177303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	71476	86.733	ng	0.00
7) Phenol-d6	7.007	99	99008	87.695	ng	0.00
23) Nitrobenzene-d5	8.987	82	105415	85.838	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	77805	78.919	ng	0.00
45) 2-Fluorobiphenyl	13.088	172	304480	79.615	ng	0.00
79) Terphenyl-d14	19.821	244	711079	87.296	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.341	88	16548	47.852	ng	92
3) Pyridine	3.728	79	45382	48.677	ng	97
4) n-Nitrosodimethylamine	3.646	42	32038	44.987	ng	# 91
6) Aniline	7.165	93	61779	42.257	ng	97
8) 2-Chlorophenol	7.400	128	44386	43.051	ng	98
9) Benzaldehyde	6.977	77	22461	23.373	ng	88
10) Phenol	7.036	94	52335	42.813	ng	97
11) bis(2-Chloroethyl)ether	7.259	93	34963	42.597	ng	98
12) 1,3-Dichlorobenzene	7.724	146	49210	42.581	ng	98
13) 1,4-Dichlorobenzene	7.876	146	49309	41.768	ng	94
14) 1,2-Dichlorobenzene	8.188	146	46264	41.354	ng	95
15) Benzyl Alcohol	8.070	79	44883	42.192	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.358	45	59897	41.851	ng	98
17) 2-Methylphenol	8.282	107	37843	42.853	ng	97
18) Hexachloroethane	8.916	117	20334	45.654	ng	93
19) n-Nitroso-di-n-propyla...	8.640	70	33938	44.473	ng	96
20) 3+4-Methylphenols	8.605	107	52586	42.361	ng	97
22) Acetophenone	8.652	105	70734	44.392	ng	# 91
24) Nitrobenzene	9.028	77	53492	44.623	ng	95
25) Isophorone	9.557	82	96686	42.550	ng	99
26) 2-Nitrophenol	9.739	139	26597	45.074	ng	# 86
27) 2,4-Dimethylphenol	9.804	122	40312	42.357	ng	98
28) bis(2-Chloroethoxy)met...	10.039	93	49647	42.292	ng	93
29) 2,4-Dichlorophenol	10.274	162	46160	42.142	ng	99
30) 1,2,4-Trichlorobenzene	10.491	180	50954	43.491	ng	97
31) Naphthalene	10.673	128	149513	43.030	ng	97
32) Benzoic acid	9.945	122	31420m	42.614	ng	
33) 4-Chloroaniline	10.779	127	57868	45.529	ng	98
34) Hexachlorobutadiene	10.961	225	42539	42.626	ng	99
35) Caprolactam	11.554	113	16958	46.922	ng	# 87
36) 4-Chloro-3-methylphenol	11.907	107	56813	43.760	ng	95
37) 2-Methylnaphthalene	12.283	142	110546	42.134	ng	98
38) 1-Methylnaphthalene	12.500	142	115316m	44.732	ng	
40) 1,2,4,5-Tetrachloroben...	12.653	216	73874	41.046	ng	99
41) Hexachlorocyclopentadiene	12.636	237	39970	41.816	ng	94
43) 2,4,6-Trichlorophenol	12.894	196	47887	40.790	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

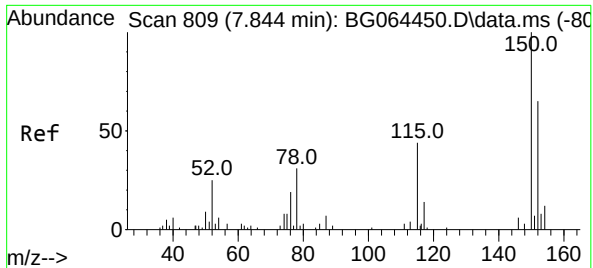
Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	53496	41.775	ng	96
46) 1,1'-Biphenyl	13.299	154	162401	40.426	ng	97
47) 2-Chloronaphthalene	13.335	162	127931	41.900	ng	96
48) 2-Nitroaniline	13.540	65	45494	43.353	ng	99
49) Acenaphthylene	14.181	152	183296	40.437	ng	99
50) Dimethylphthalate	13.916	163	181210	42.003	ng	99
51) 2,6-Dinitrotoluene	14.040	165	38540	42.530	ng	94
52) Acenaphthene	14.527	154	128633	41.467	ng	98
53) 3-Nitroaniline	14.369	138	38680	45.046	ng	# 93
54) 2,4-Dinitrophenol	14.574	184	24720	41.076	ng	94
55) Dibenzofuran	14.862	168	210416	40.911	ng	97
56) 4-Nitrophenol	14.680	139	31973	46.002	ng	93
57) 2,4-Dinitrotoluene	14.827	165	60137	43.471	ng	# 94
58) Fluorene	15.509	166	161462	38.029	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	54855	42.944	ng	# 98
60) Diethylphthalate	15.285	149	196960	42.370	ng	99
61) 4-Chlorophenyl-phenyle...	15.509	204	85857	37.031	ng	96
62) 4-Nitroaniline	15.526	138	40482	43.968	ng	91
63) Azobenzene	15.797	77	141783	38.978	ng	98
65) 4,6-Dinitro-2-methylph...	15.591	198	39464	43.897	ng	97
66) n-Nitrosodiphenylamine	15.720	169	139664	39.880	ng	96
67) 4-Bromophenyl-phenylether	16.396	248	62724	40.789	ng	96
68) Hexachlorobenzene	16.519	284	71625	40.927	ng	94
69) Atrazine	16.672	200	67779	42.599	ng	96
70) Pentachlorophenol	16.860	266	47149	44.642	ng	94
71) Phenanthrene	17.248	178	285031	41.784	ng	98
72) Anthracene	17.336	178	290401	41.805	ng	98
73) Carbazole	17.606	167	268741	44.098	ng	95
74) Di-n-butylphthalate	18.170	149	360363	48.342	ng	97
75) Fluoranthene	19.257	202	413204	47.968	ng	98
77) Benzidine	19.439	184	140348	33.383	ng	98
78) Pyrene	19.616	202	430640	43.222	ng	99
80) Butylbenzylphthalate	20.515	149	162863	43.733	ng	95
81) Benzo(a)anthracene	21.413	228	444222	43.207	ng	96
82) 3,3'-Dichlorobenzidine	21.337	252	153291	43.353	ng	96
83) Chrysene	21.478	228	421262	43.265	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	232243	43.292	ng	97
85) Di-n-octyl phthalate	22.471	149	399868	43.849	ng	99
87) Indeno(1,2,3-cd)pyrene	27.812	276	533336	42.561	ng	# 94
88) Benzo(b)fluoranthene	23.488	252	446395	43.919	ng	98
89) Benzo(k)fluoranthene	23.546	252	431369	42.420	ng	98
90) Benzo(a)pyrene	24.287	252	403683	42.875	ng	# 98
91) Dibenzo(a,h)anthracene	27.859	278	433024	42.626	ng	98
92) Benzo(g,h,i)perylene	28.858	276	415465	42.584	ng	98

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

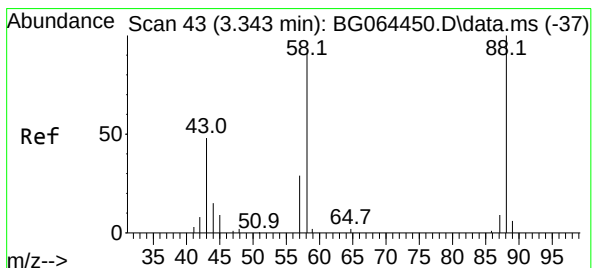
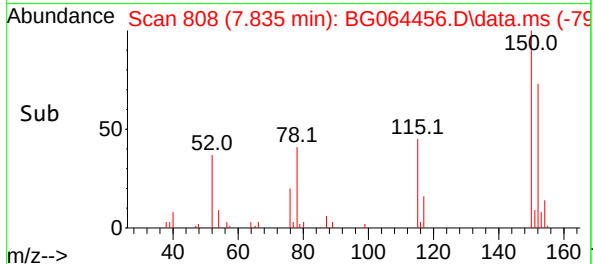
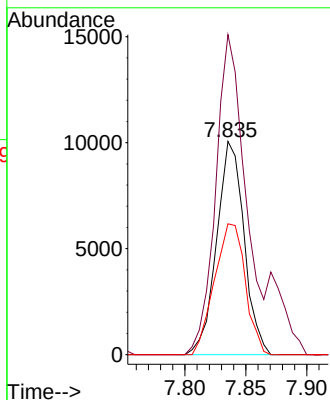
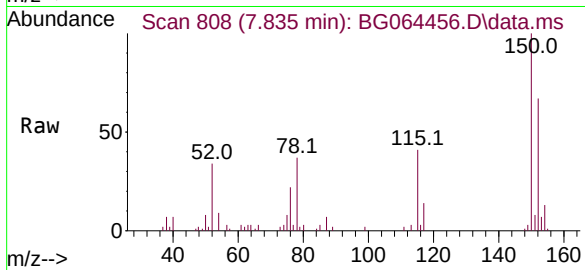
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

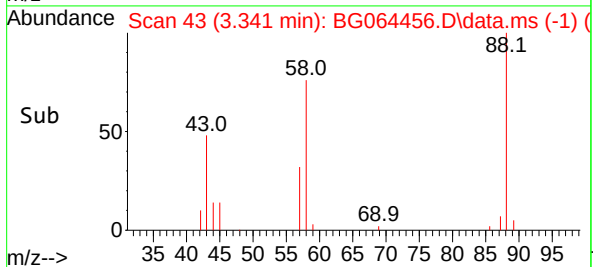
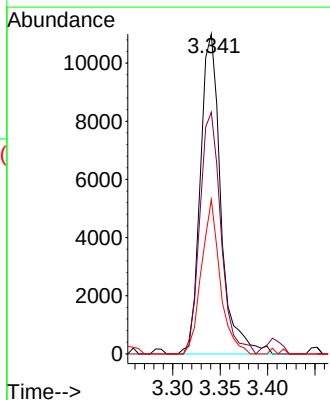
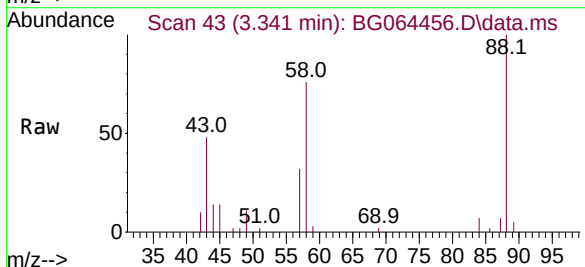
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

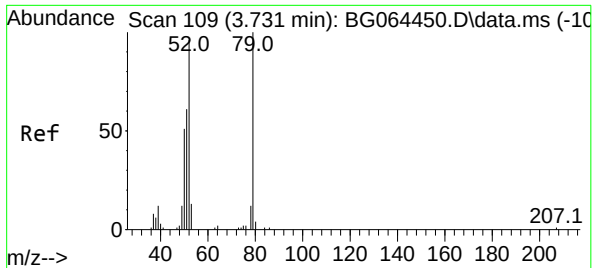
Tgt Ion:152 Resp: 15748
Ion Ratio Lower Upper
152 100
150 150.1 122.9 184.3
115 61.3 54.3 81.5



#2
1,4-Dioxane
Concen: 47.852 ng
RT: 3.341 min Scan# 43
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 88 Resp: 16548
Ion Ratio Lower Upper
88 100
58 77.7 67.9 101.9
43 43.9 39.4 59.2





#3

Pyridine

Concen: 48.677 ng

RT: 3.728 min Scan# 109

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

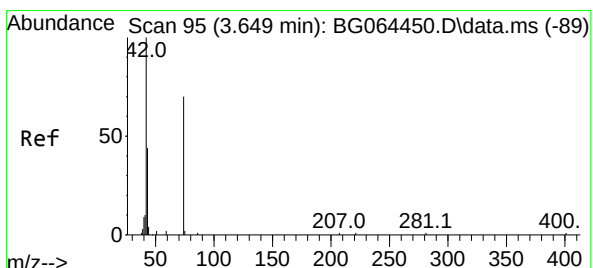
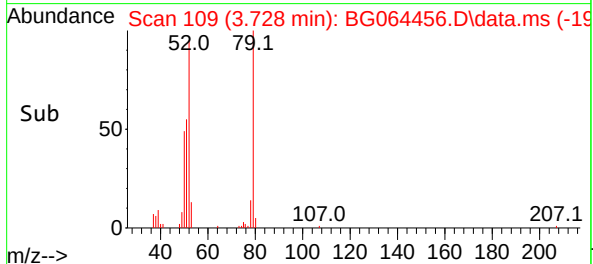
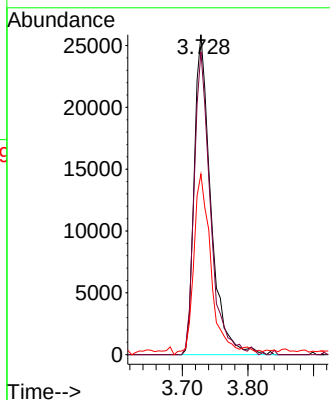
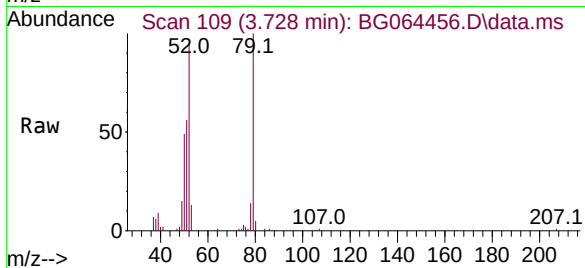
Tgt Ion: 79 Resp: 45382

Ion Ratio Lower Upper

79 100

52 94.7 76.6 114.8

51 56.4 49.3 73.9



#4

n-Nitrosodimethylamine

Concen: 44.987 ng

RT: 3.646 min Scan# 95

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

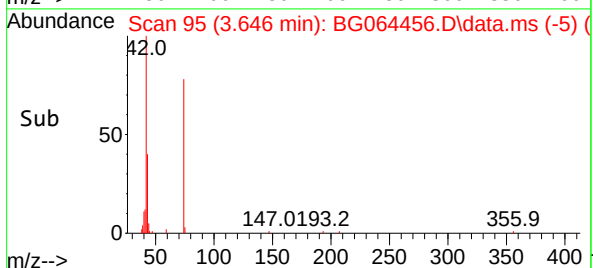
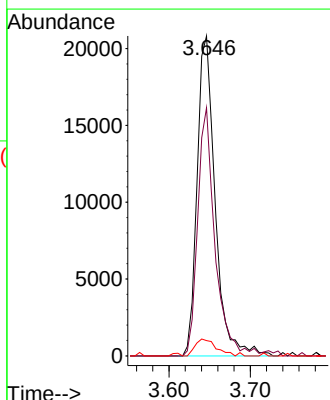
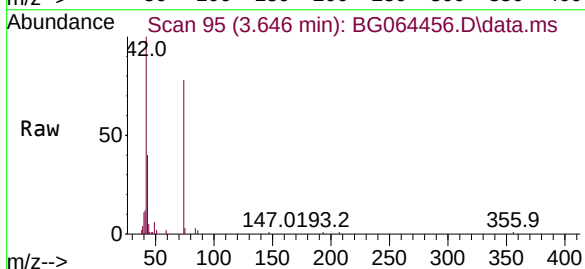
Tgt Ion: 42 Resp: 32038

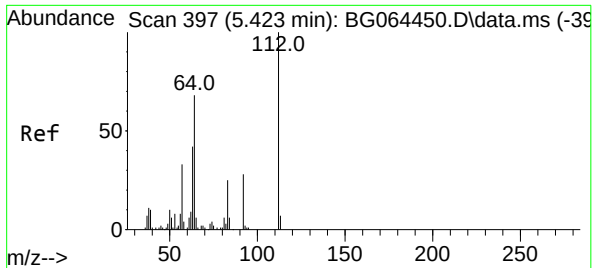
Ion Ratio Lower Upper

42 100

74 77.5 56.1 84.1

44 4.8 3.1 4.7#

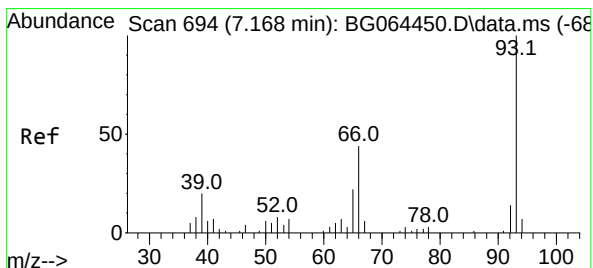
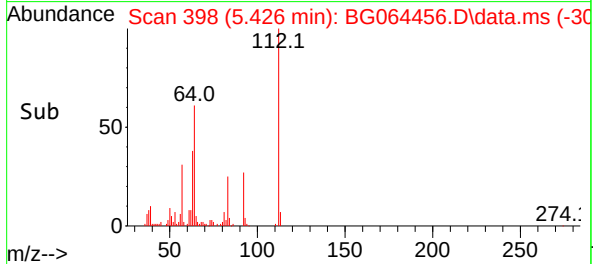
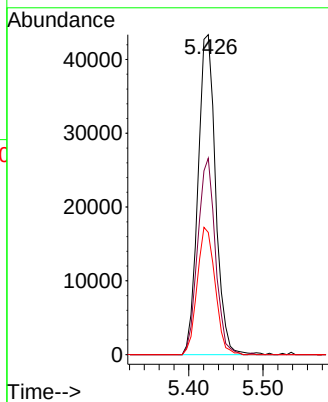
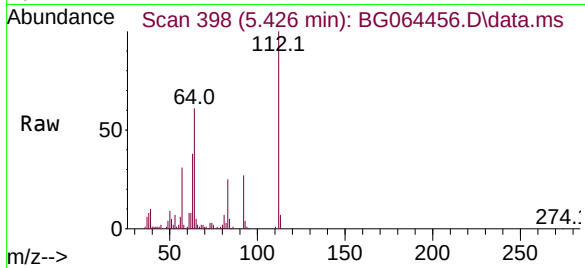




#5
2-Fluorophenol
Concen: 86.733 ng
RT: 5.426 min Scan# 397
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

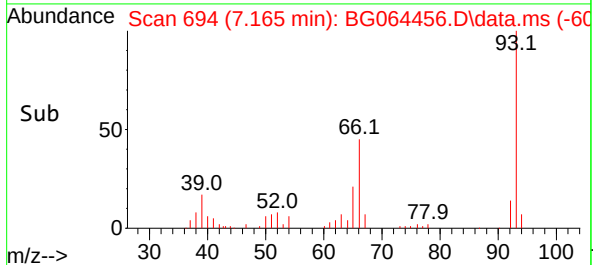
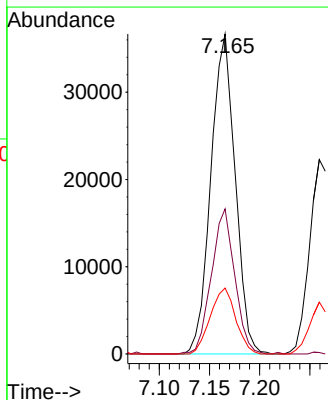
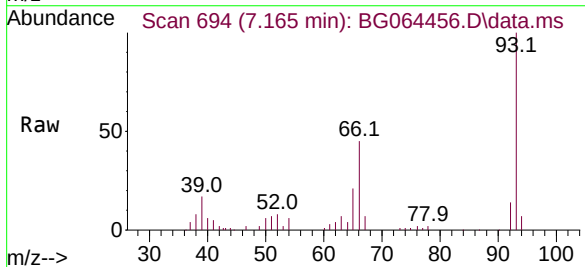
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

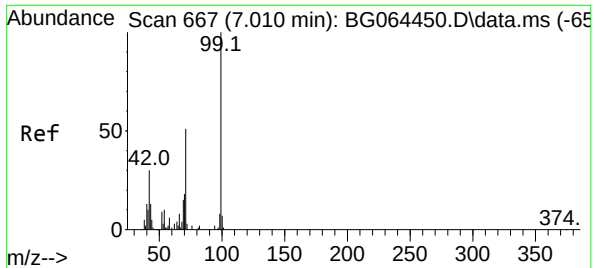
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	54.0	81.0
63	38.2	33.8	50.6



#6
Aniline
Concen: 42.257 ng
RT: 7.165 min Scan# 694
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.3	34.9	52.3
65	20.6	17.3	25.9

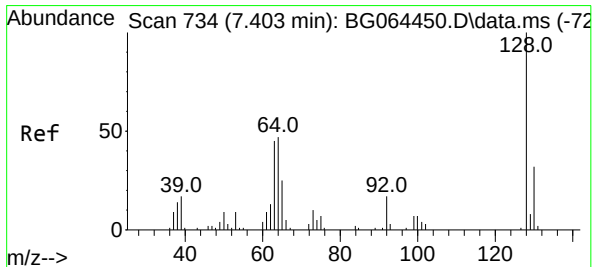
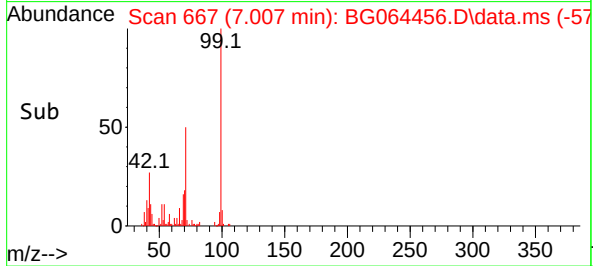
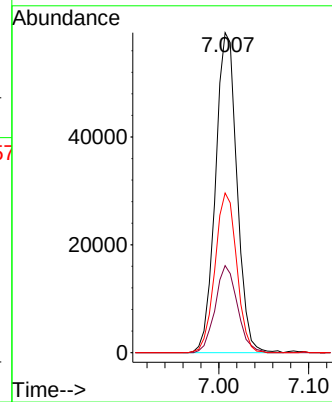
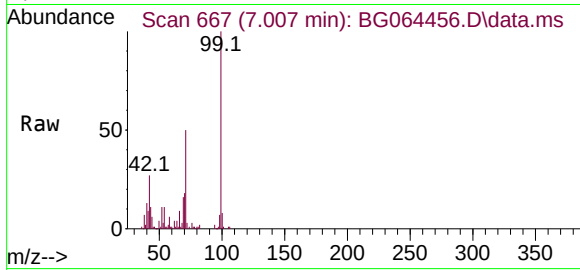




#7
Phenol-d6
Concen: 87.695 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

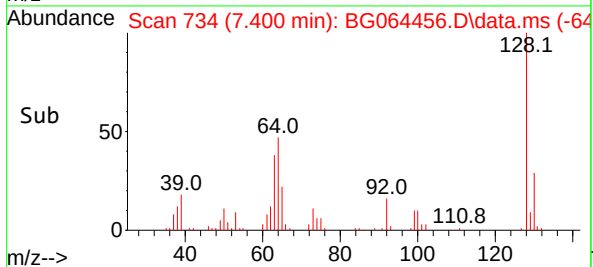
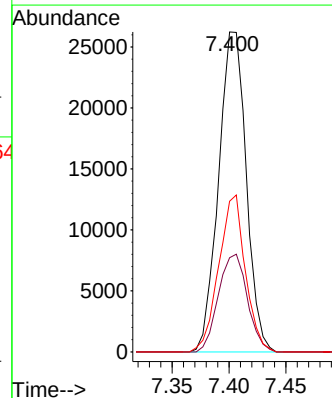
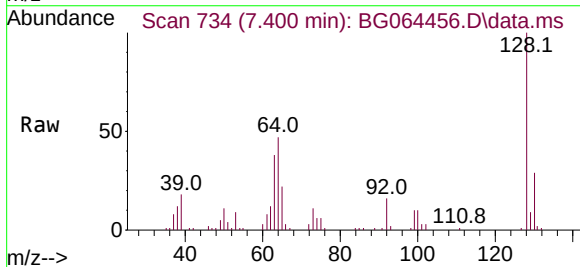
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

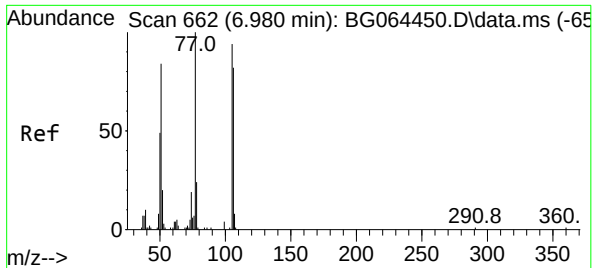
Tgt Ion:	99	Resp:	99008
Ion	Ratio	Lower	Upper
99	100		
42	27.2	24.0	36.0
71	49.9	40.5	60.7



#8
2-Chlorophenol
Concen: 43.051 ng
RT: 7.400 min Scan# 734
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:	128	Resp:	44386
Ion	Ratio	Lower	Upper
128	100		
130	29.4	11.8	51.8
64	47.1	27.0	67.0

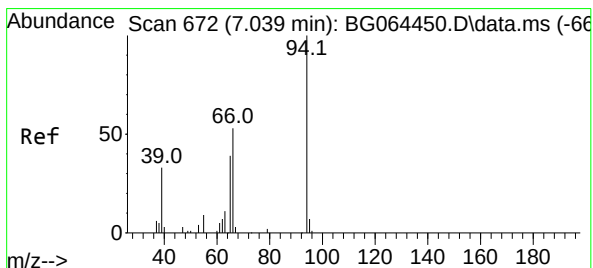
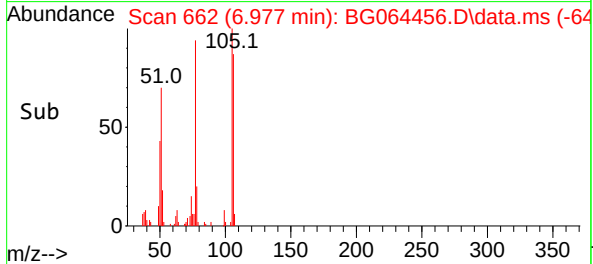
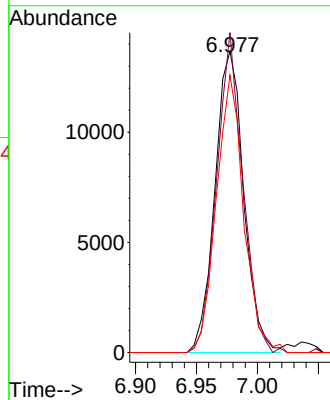
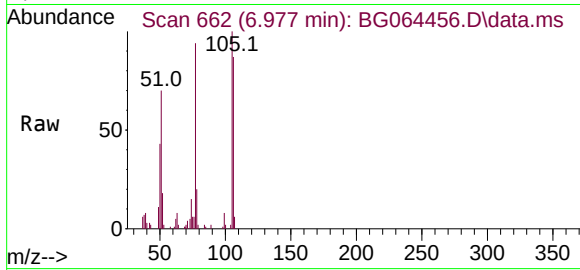




#9
Benzaldehyde
Concen: 23.373 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

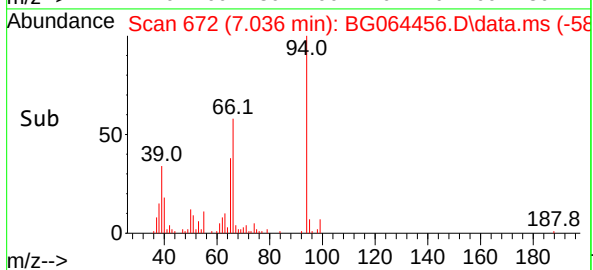
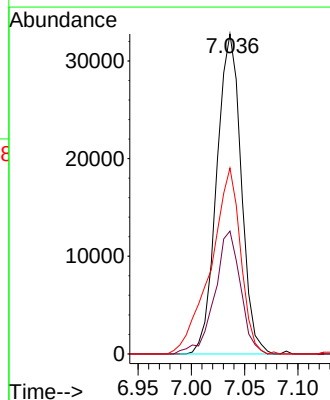
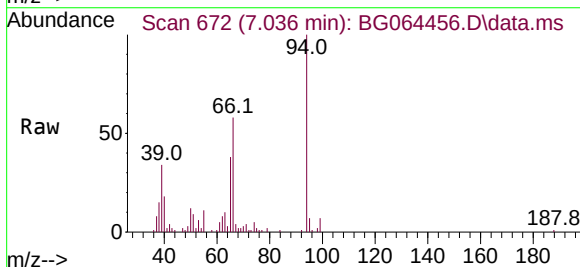
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

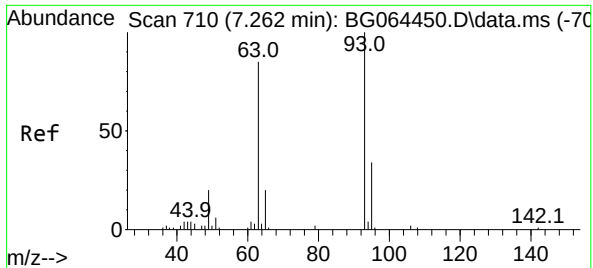
Tgt Ion: 77 Resp: 22461
Ion Ratio Lower Upper
77 100
105 106.2 74.0 114.0
106 92.0 62.5 102.5



#10
Phenol
Concen: 42.813 ng
RT: 7.036 min Scan# 672
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 94 Resp: 52335
Ion Ratio Lower Upper
94 100
65 38.4 21.1 61.1
66 58.1 39.7 79.7

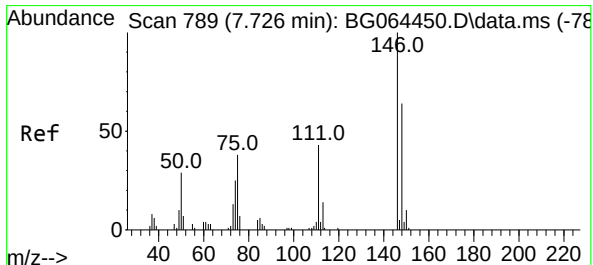
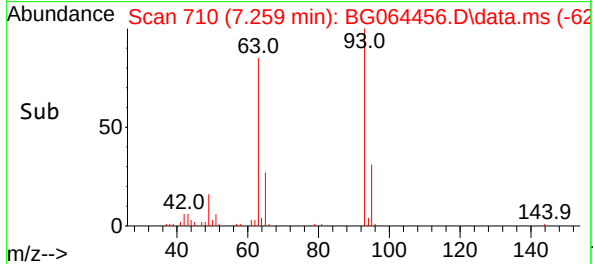
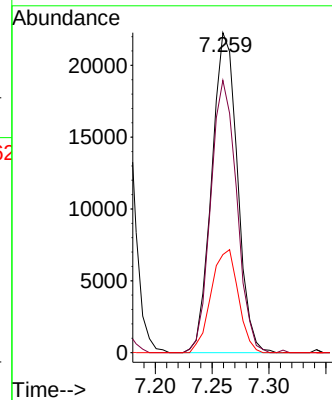
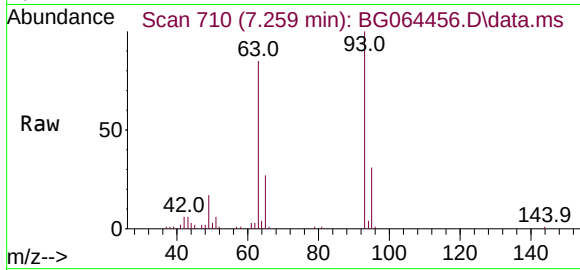




#11
bis(2-Chloroethyl)ether
Concen: 42.597 ng
RT: 7.259 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

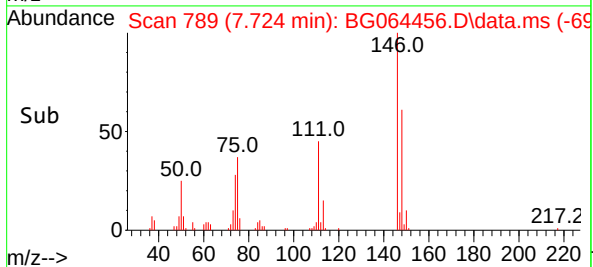
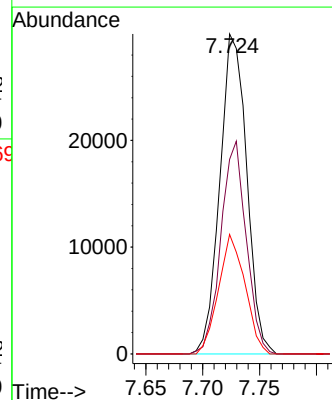
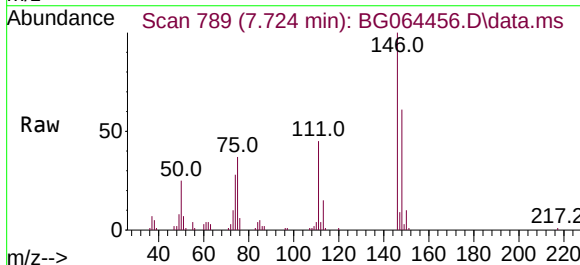
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

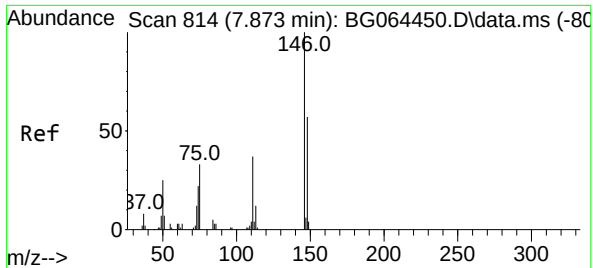
Tgt Ion:	93	Resp:	34963
Ion	Ratio	Lower	Upper
93	100		
63	85.1	65.3	105.3
95	30.6	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 42.581 ng
RT: 7.724 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:	146	Resp:	49210
Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.0	76.4
75	37.3	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 41.768 ng

RT: 7.876 min Scan# 814

Delta R.T. 0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

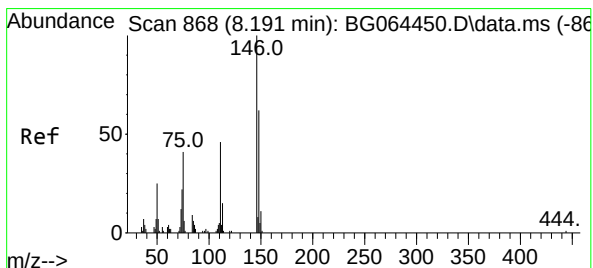
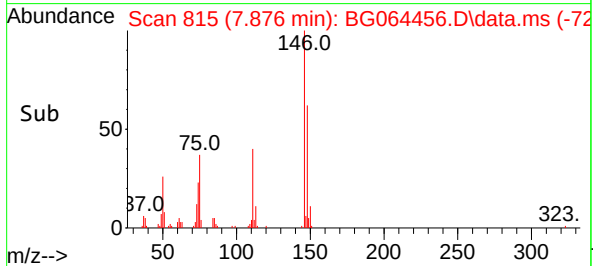
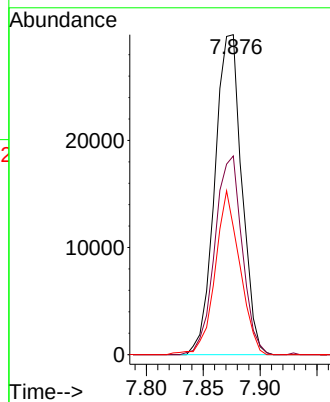
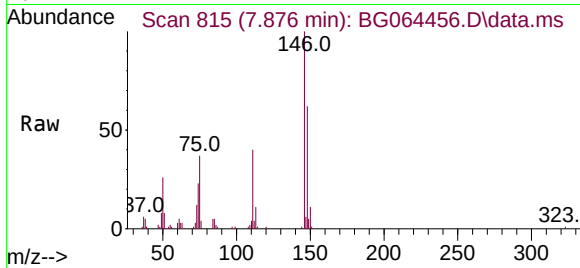
Tgt Ion:146 Resp: 49309

Ion Ratio Lower Upper

146 100

148 62.1 45.3 67.9

111 39.8 30.3 45.5



#14

1,2-Dichlorobenzene

Concen: 41.354 ng

RT: 8.188 min Scan# 868

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

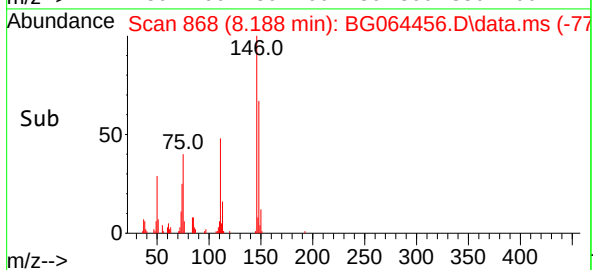
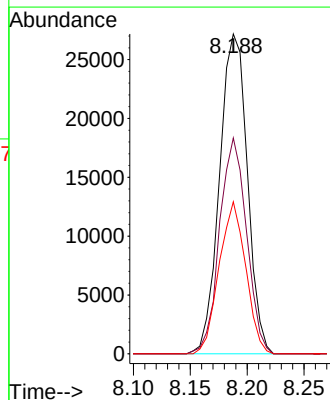
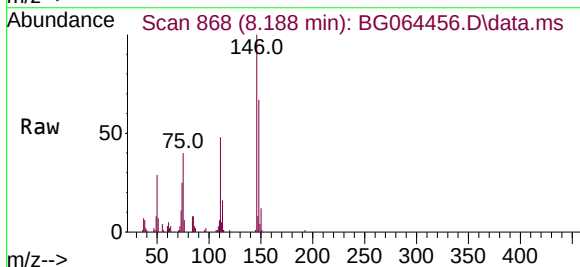
Tgt Ion:146 Resp: 46264

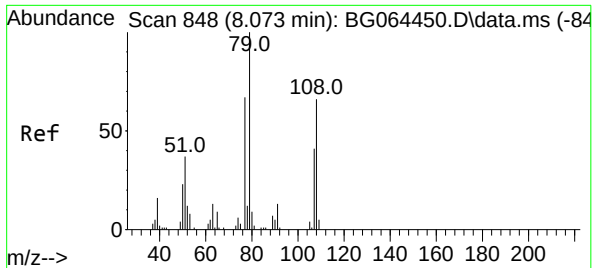
Ion Ratio Lower Upper

146 100

148 67.5 49.9 74.9

111 47.5 36.6 54.8

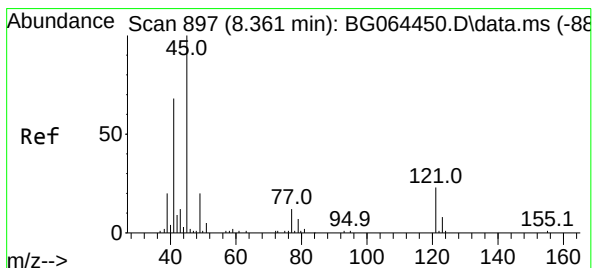
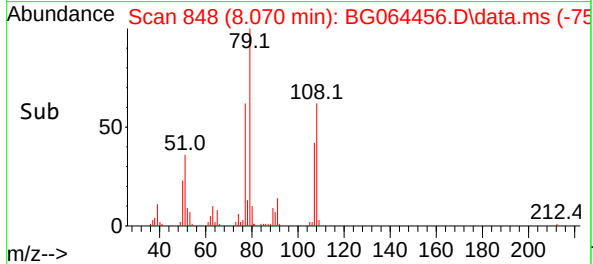
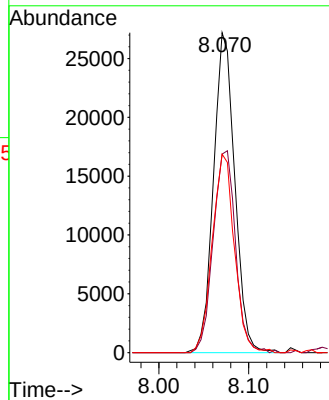
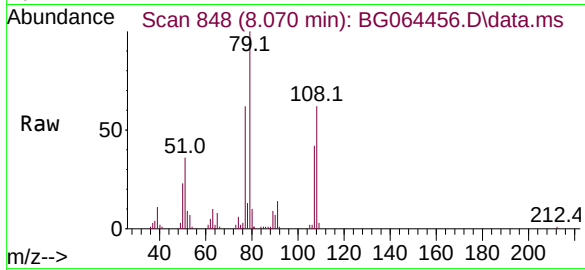




#15
Benzyl Alcohol
Concen: 42.192 ng
RT: 8.070 min Scan# 848
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

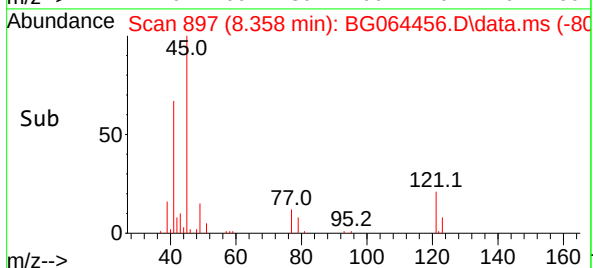
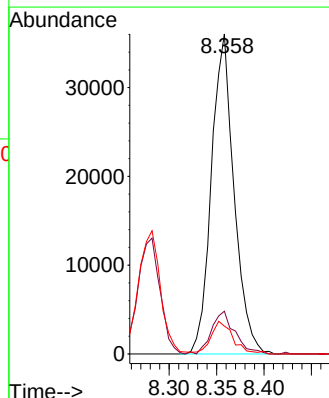
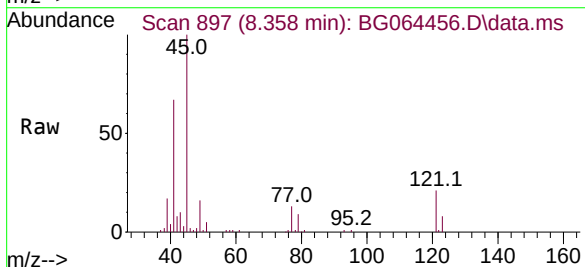
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

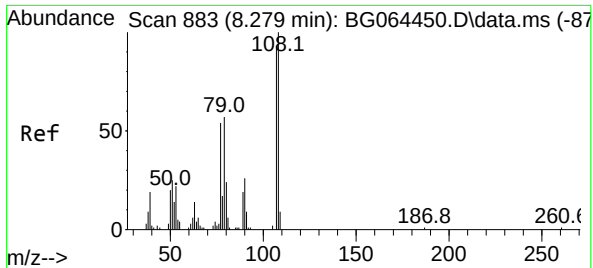
Tgt Ion: 79 Resp: 44883
Ion Ratio Lower Upper
79 100
108 62.0 53.0 79.6
77 62.0 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.851 ng
RT: 8.358 min Scan# 897
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 45 Resp: 59897
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 8.7 0.0 28.0

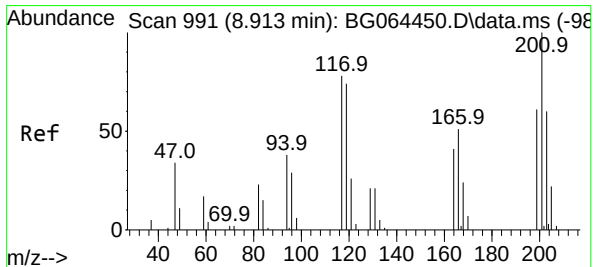
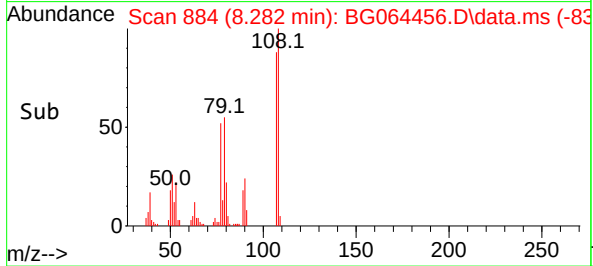
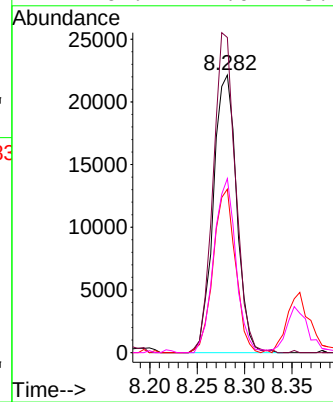
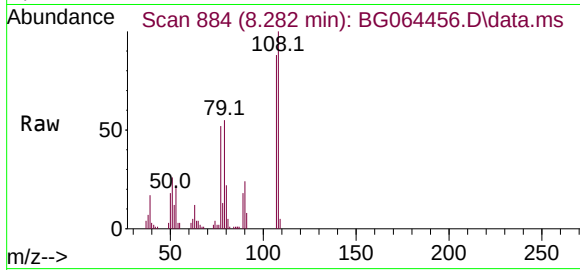




#17
2-Methylphenol
Concen: 42.853 ng
RT: 8.282 min Scan# 884
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

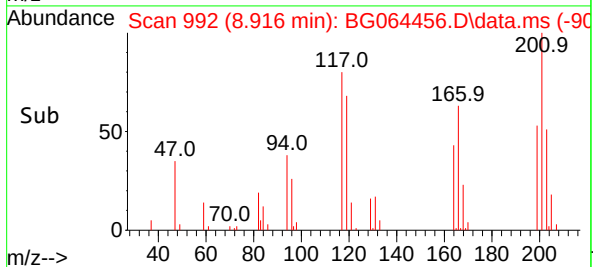
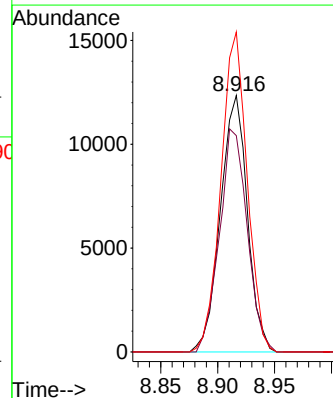
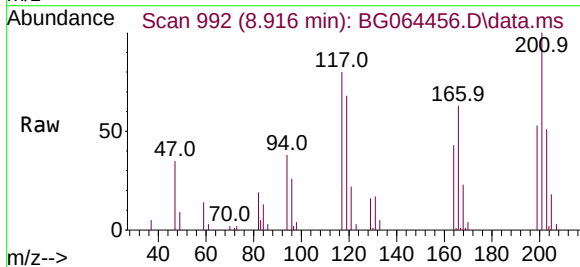
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

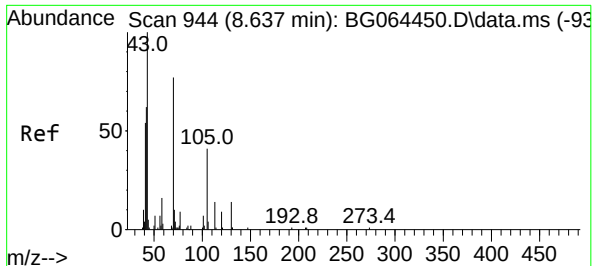
Tgt Ion:	107	Resp:	37843
Ion	Ratio	Lower	Upper
107	100		
108	113.6	86.2	129.2
77	58.9	46.7	70.1
79	62.7	49.0	73.6



#18
Hexachloroethane
Concen: 45.654 ng
RT: 8.916 min Scan# 992
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:	117	Resp:	20334
Ion	Ratio	Lower	Upper
117	100		
119	84.3	76.6	115.0
201	124.8	103.0	154.6

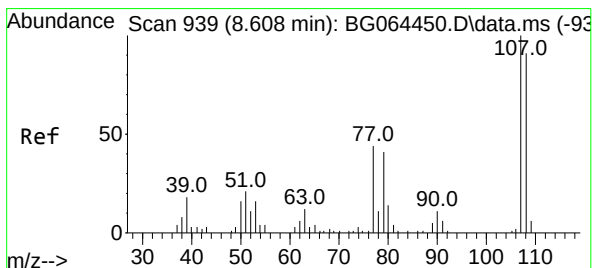
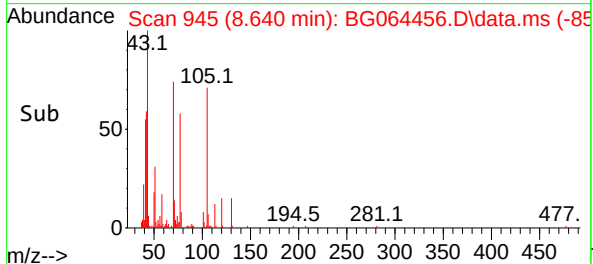
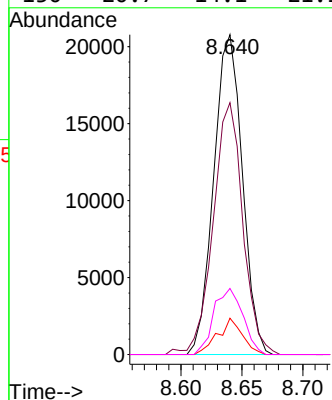
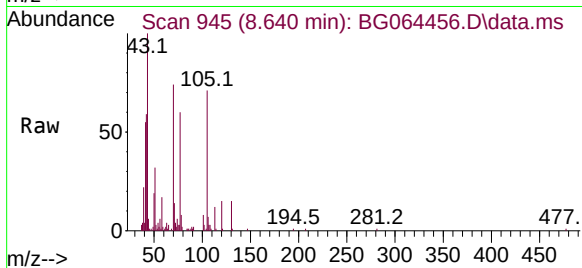




#19
n-Nitroso-di-n-propylamine
Concen: 44.473 ng
RT: 8.640 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

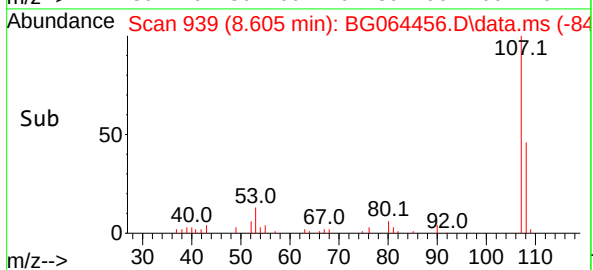
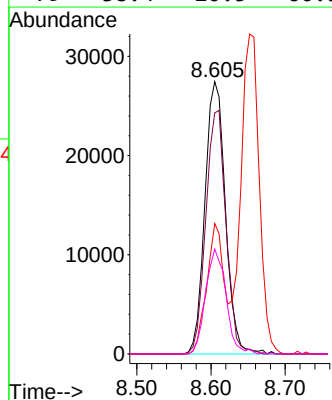
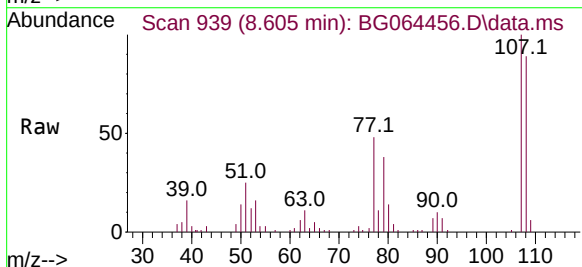
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

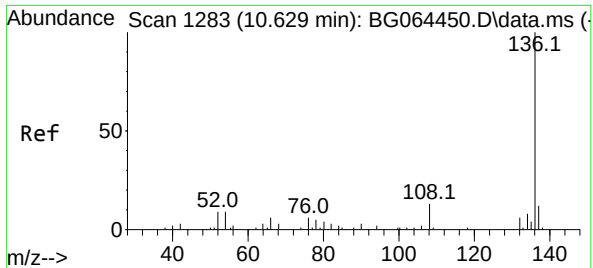
Tgt Ion: 70 Resp: 33938
Ion Ratio Lower Upper
70 100
42 78.7 65.6 98.4
101 11.4 7.7 11.5
130 20.7 14.1 21.1



#20
3+4-Methylphenols
Concen: 42.361 ng
RT: 8.605 min Scan# 939
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 107 Resp: 52586
Ion Ratio Lower Upper
107 100
108 88.5 70.9 110.9
77 47.8 24.4 64.4
79 38.4 20.5 60.5

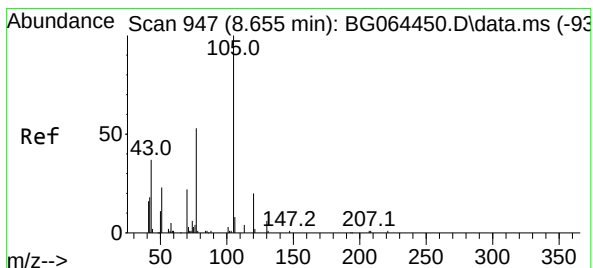
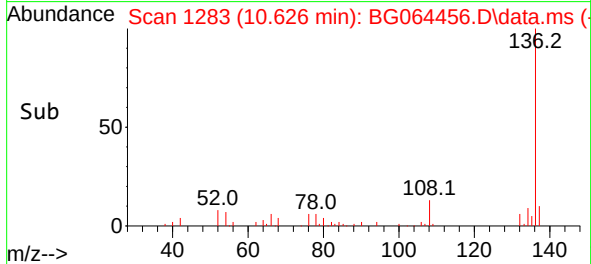
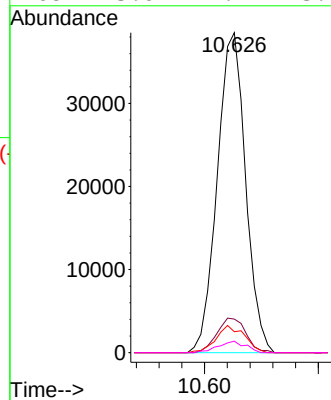
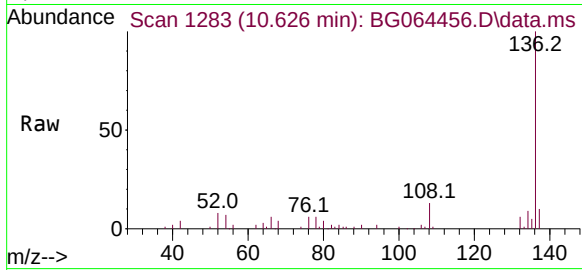




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

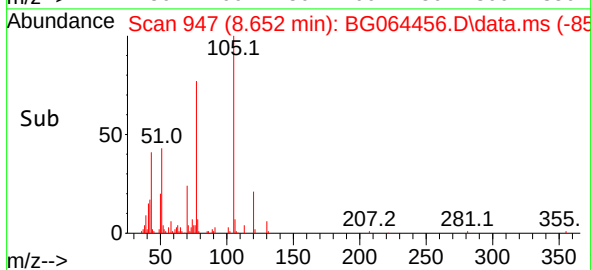
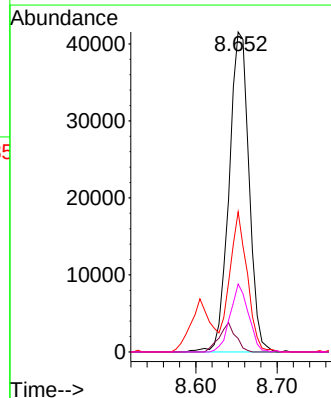
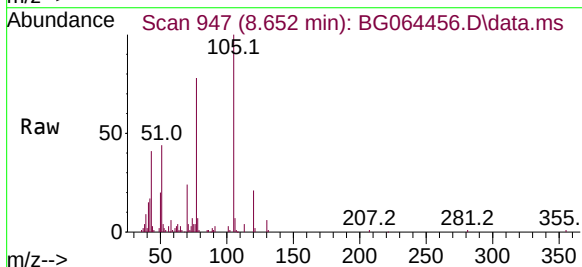
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

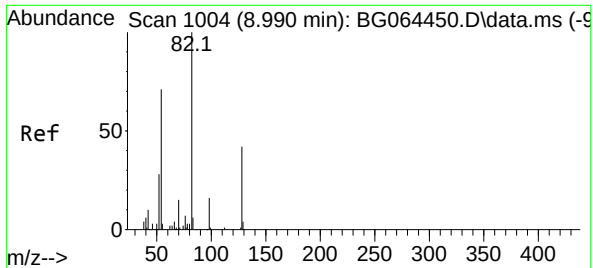
Tgt Ion:136 Resp: 66555
Ion Ratio Lower Upper
136 100
137 10.5 9.6 14.4
54 6.5 7.4 11.2#
68 3.6 2.2 3.2#



#22
Acetophenone
Concen: 44.392 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:105 Resp: 70734
Ion Ratio Lower Upper
105 100
71 4.2 2.5 3.7#
51 43.8 29.0 43.6#
120 21.2 15.8 23.8





#23

Nitrobenzene-d5

Concen: 85.838 ng

RT: 8.987 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

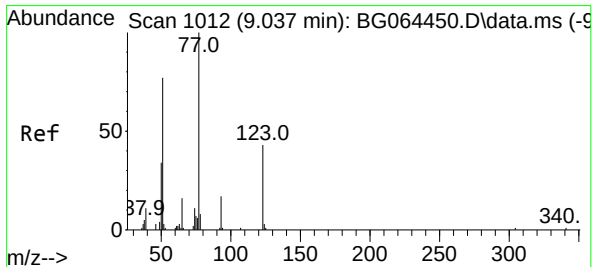
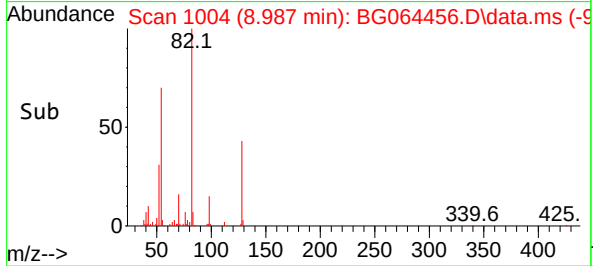
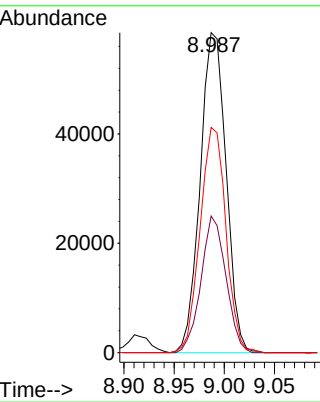
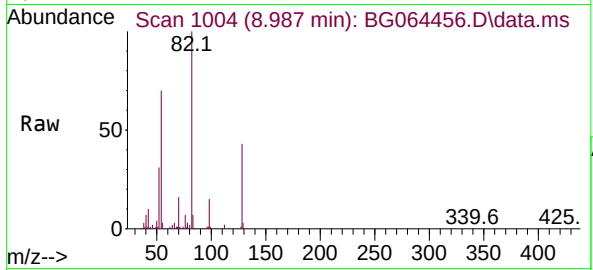
BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 105415

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.7	50.5
54	70.4	57.0	85.6



#24

Nitrobenzene

Concen: 44.623 ng

RT: 9.028 min Scan# 1011

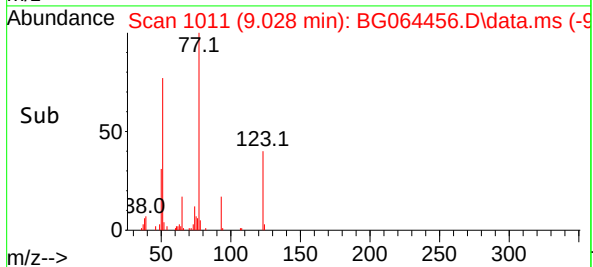
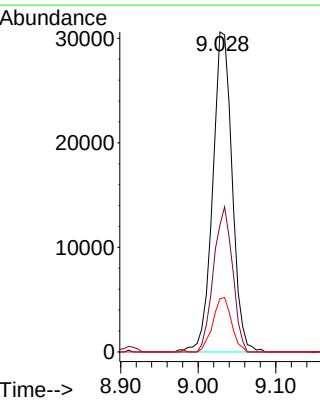
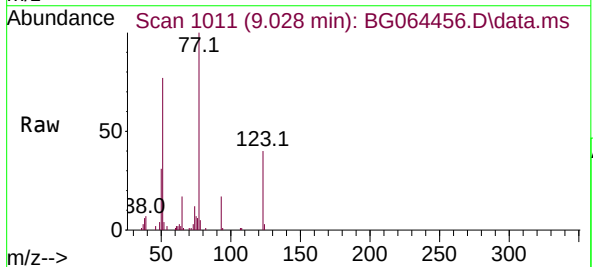
Delta R.T. -0.009 min

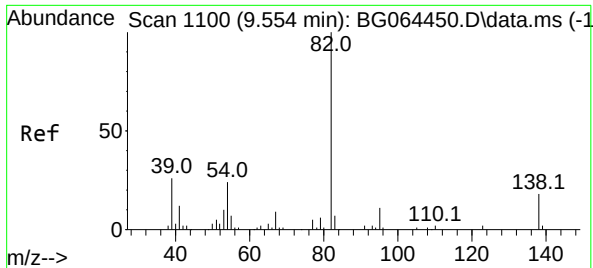
Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Tgt Ion: 77 Resp: 53492

Ion	Ratio	Lower	Upper
77	100		
123	39.6	34.7	52.1
65	16.6	12.8	19.2

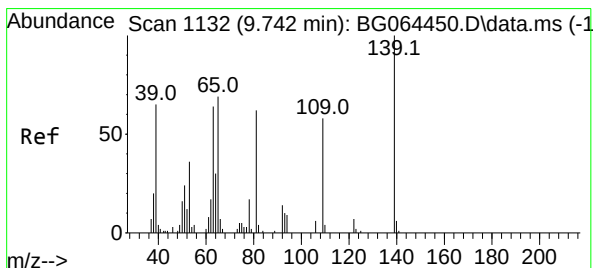
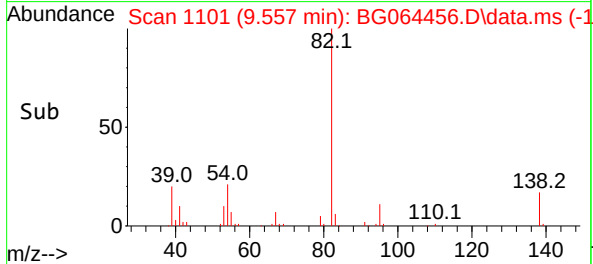
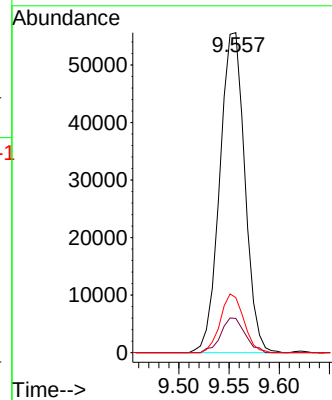
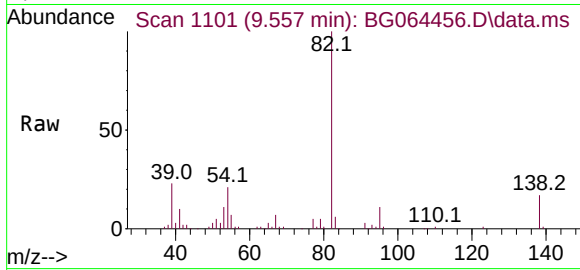




#25
Isophorone
Concen: 42.550 ng
RT: 9.557 min Scan# 1100
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

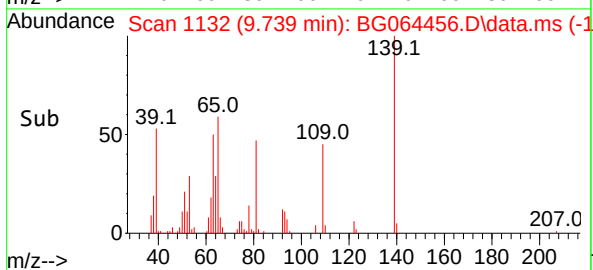
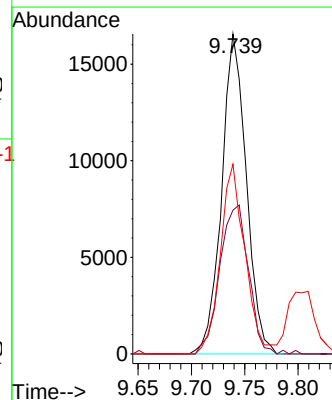
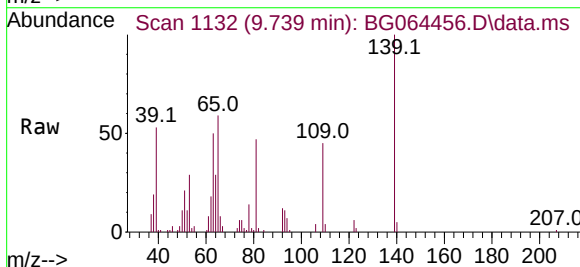
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

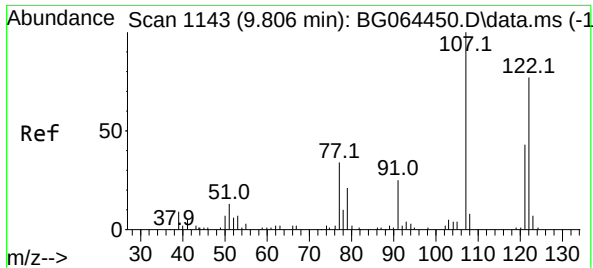
Tgt Ion: 82 Resp: 96686
Ion Ratio Lower Upper
82 100
95 10.7 8.5 12.7
138 17.2 14.3 21.5



#26
2-Nitrophenol
Concen: 45.074 ng
RT: 9.739 min Scan# 1132
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 139 Resp: 26597
Ion Ratio Lower Upper
139 100
109 44.9 46.6 70.0#
65 59.3 54.9 82.3





#27

2,4-Dimethylphenol

Concen: 42.357 ng

RT: 9.804 min Scan# 1143

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

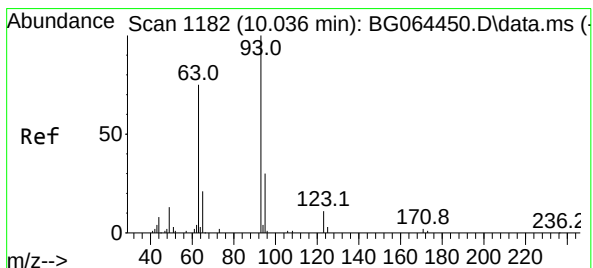
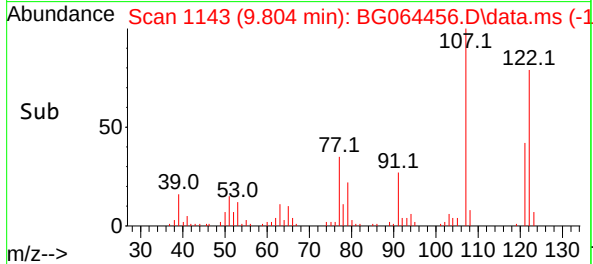
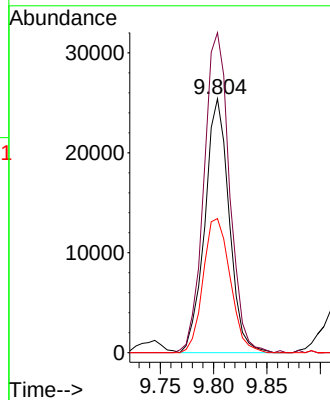
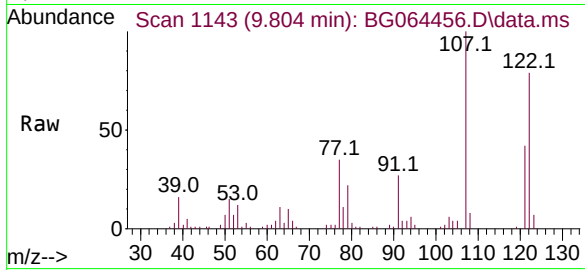
Tgt Ion:122 Resp: 40312

Ion Ratio Lower Upper

122 100

107 126.1 102.6 153.8

121 52.8 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.292 ng

RT: 10.039 min Scan# 1183

Delta R.T. 0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

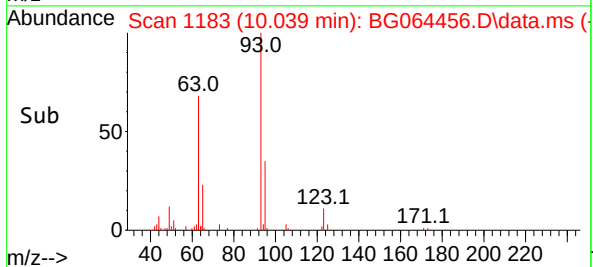
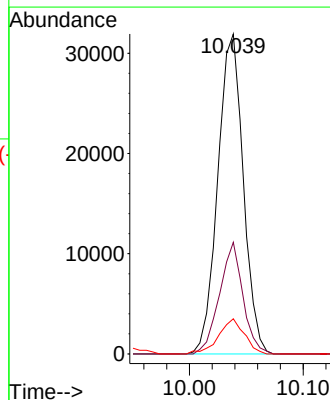
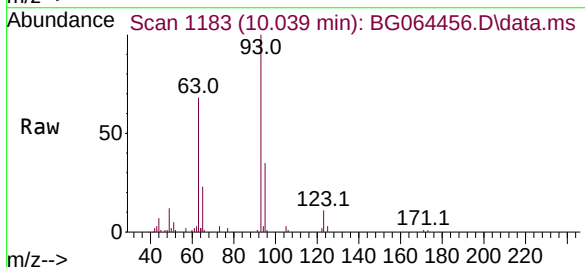
Tgt Ion: 93 Resp: 49647

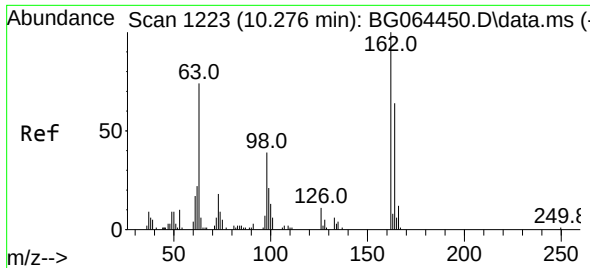
Ion Ratio Lower Upper

93 100

95 34.9 24.0 36.0

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.142 ng

RT: 10.274 min Scan# 1223

Delta R.T. -0.003 min

Lab File: BG064456.D

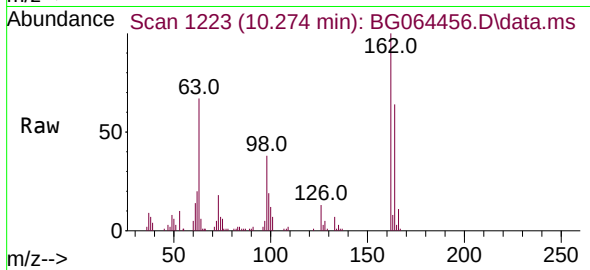
Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



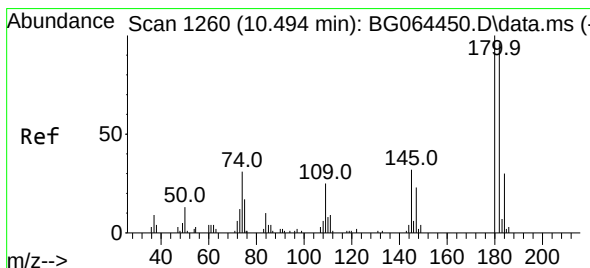
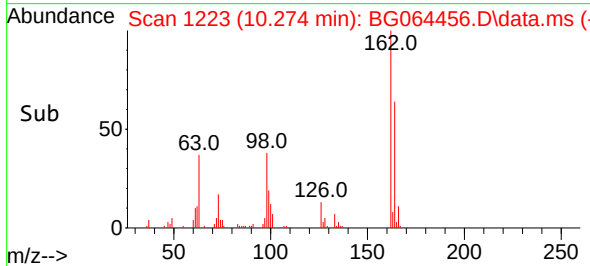
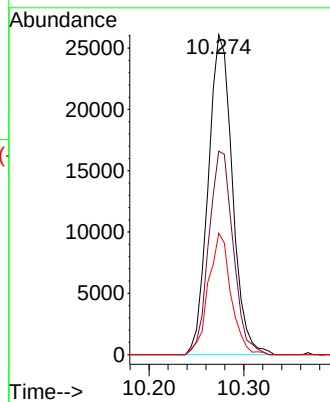
Tgt Ion:162 Resp: 46160

Ion Ratio Lower Upper

162 100

164 63.6 43.7 83.7

98 37.9 19.2 59.2



#30

1,2,4-Trichlorobenzene

Concen: 43.491 ng

RT: 10.491 min Scan# 1260

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

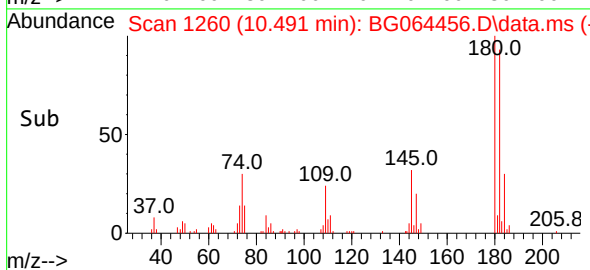
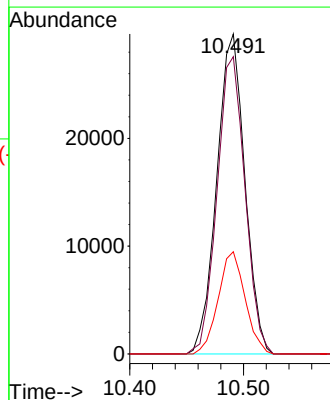
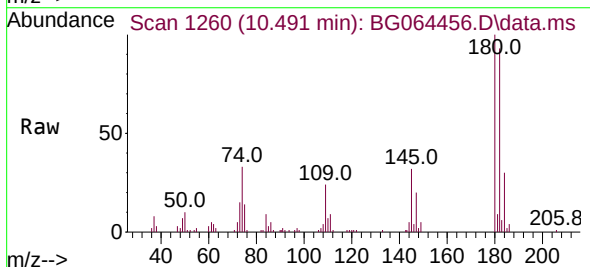
Tgt Ion:180 Resp: 50954

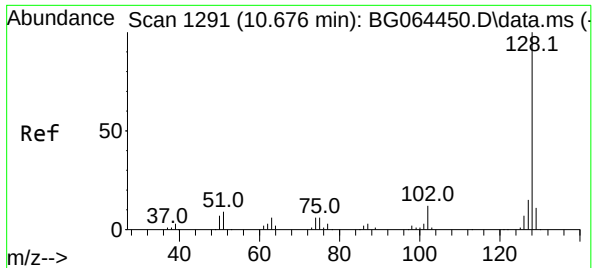
Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

145 31.9 25.4 38.2

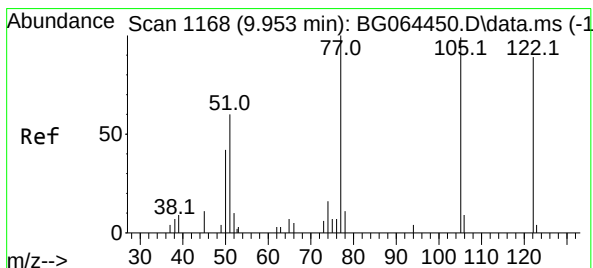
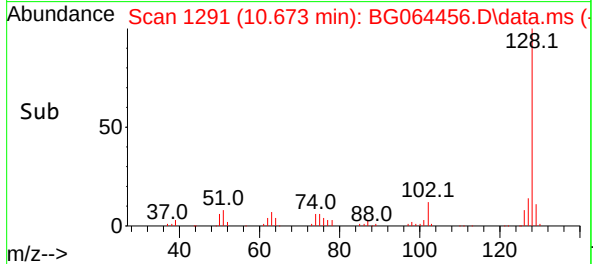
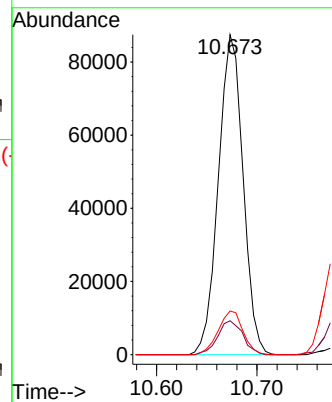
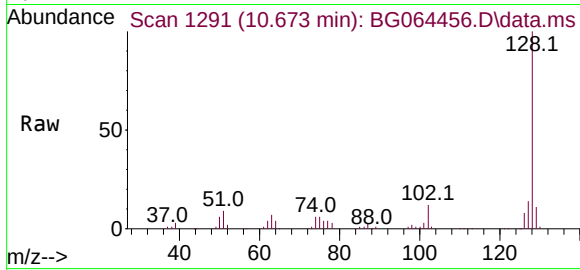




#31
Naphthalene
Concen: 43.030 ng
RT: 10.673 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

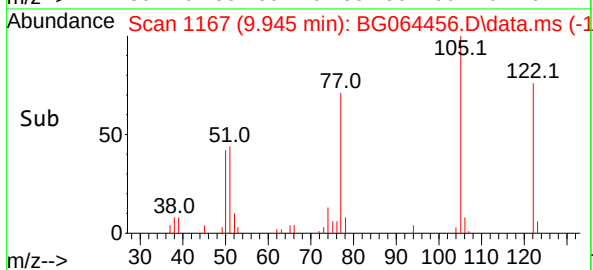
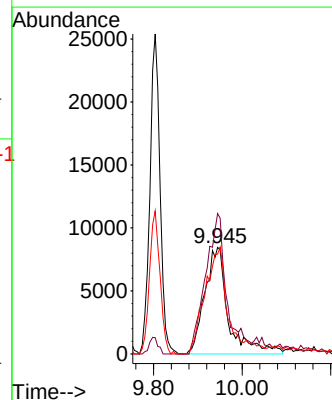
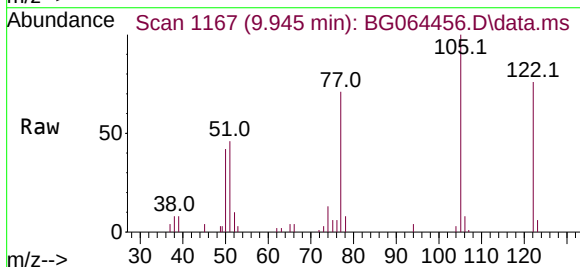
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

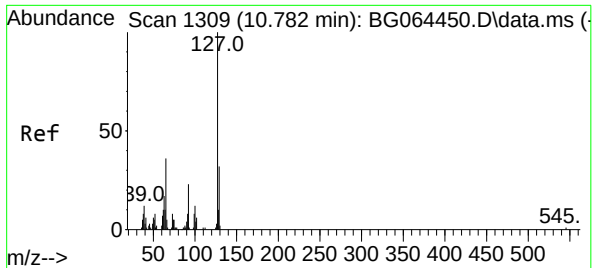
Tgt Ion:128 Resp: 149513
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 13.6 12.1 18.1



#32
Benzoic acid
Concen: 42.614 ng m
RT: 9.945 min Scan# 1167
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:122 Resp: 31420
Ion Ratio Lower Upper
122 100
105 131.9 91.0 131.0#
77 93.8 92.2 132.2

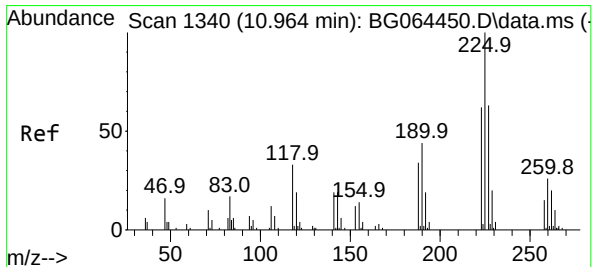
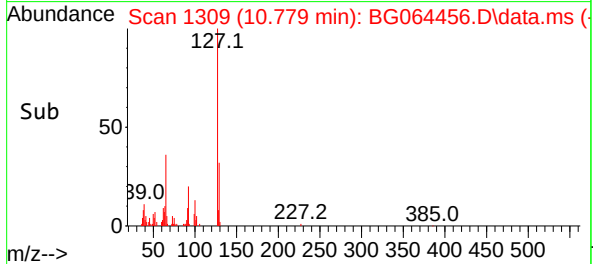
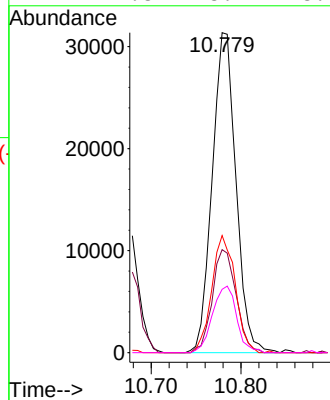
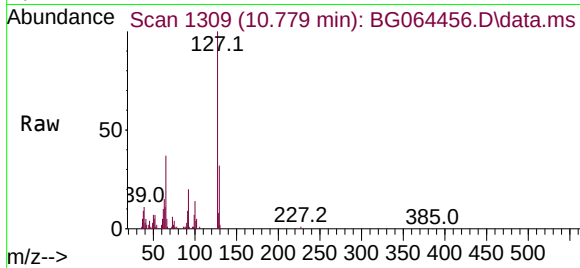




#33
4-Chloroaniline
Concen: 45.529 ng
RT: 10.779 min Scan# 1309
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

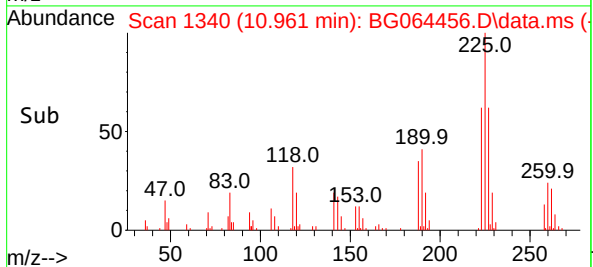
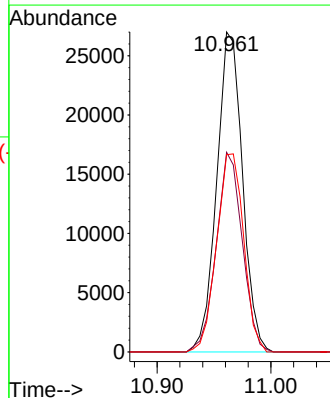
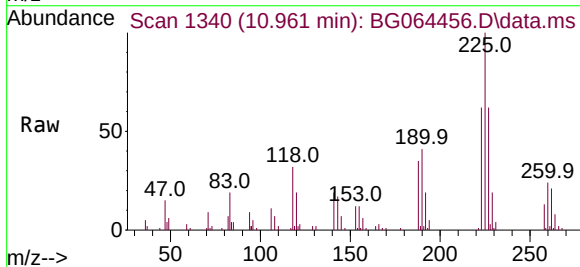
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

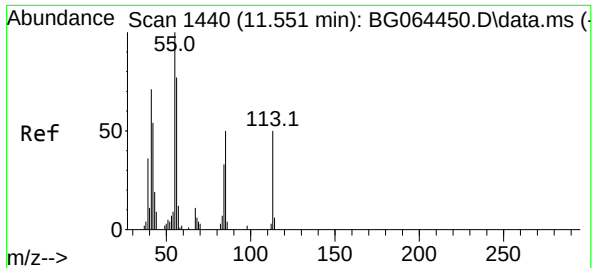
Tgt Ion:	127	Resp:	57868
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	36.6	28.6	43.0
92	19.8	18.7	28.1



#34
Hexachlorobutadiene
Concen: 42.626 ng
RT: 10.961 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:	225	Resp:	42539
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.2
227	61.6	50.0	75.0





#35

Caprolactam

Concen: 46.922 ng

RT: 11.554 min Scan# 1440

Delta R.T. 0.003 min

Lab File: BG064456.D

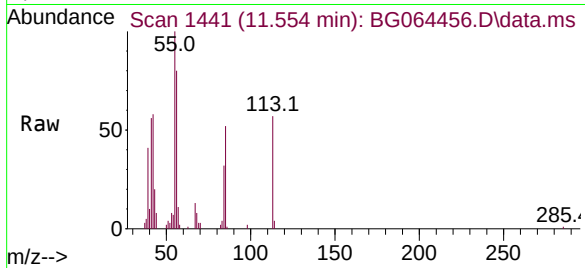
Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



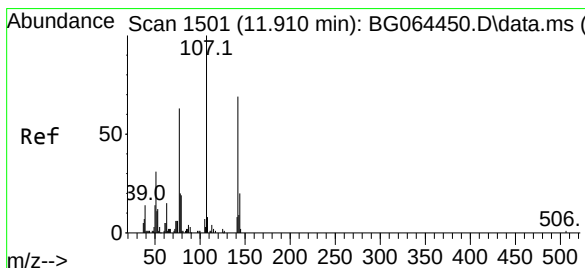
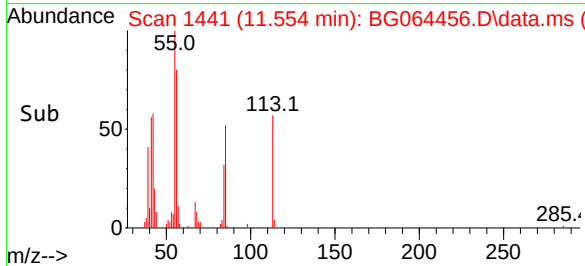
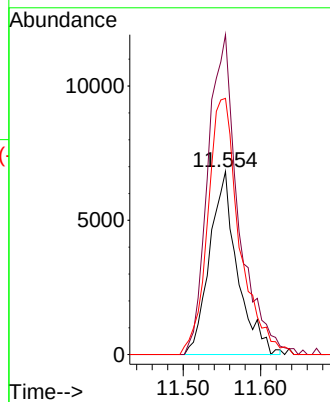
Tgt Ion:113 Resp: 16958

Ion Ratio Lower Upper

113 100

55 174.7 178.3 218.3#

56 139.9 132.4 172.4



#36

4-Chloro-3-methylphenol

Concen: 43.760 ng

RT: 11.907 min Scan# 1501

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

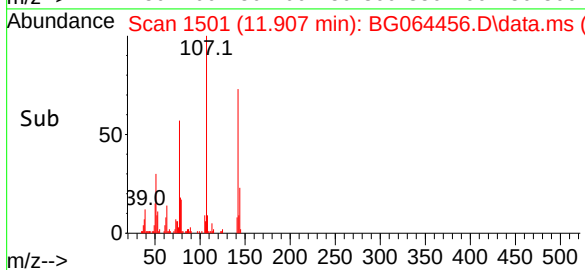
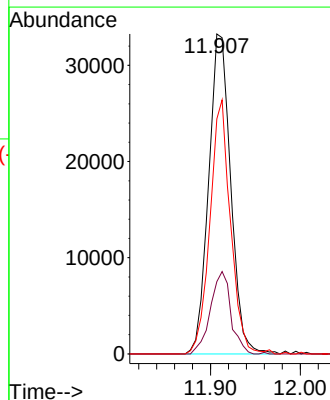
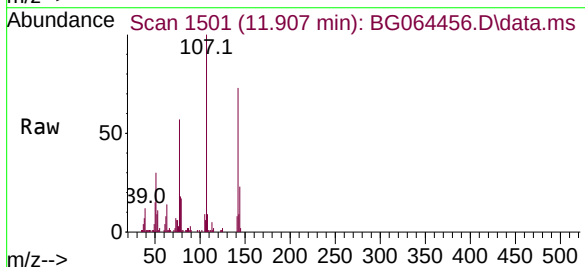
Tgt Ion:107 Resp: 56813

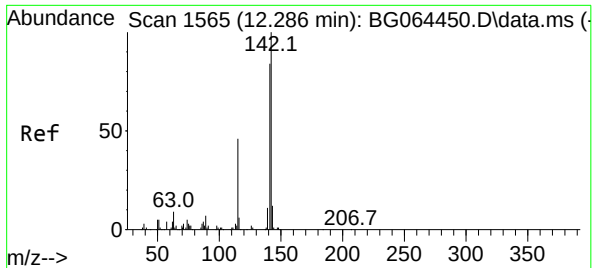
Ion Ratio Lower Upper

107 100

144 22.6 16.3 24.5

142 73.4 55.5 83.3

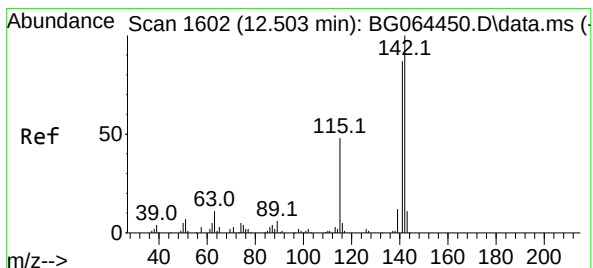
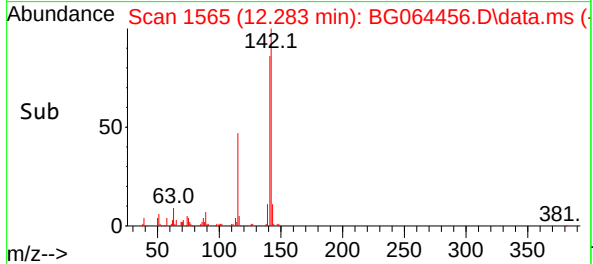
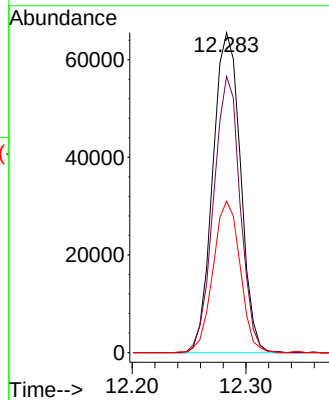
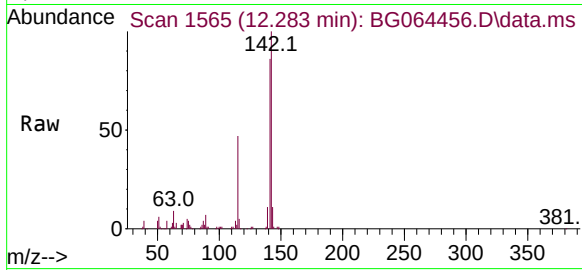




#37
2-Methylnaphthalene
Concen: 42.134 ng
RT: 12.283 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

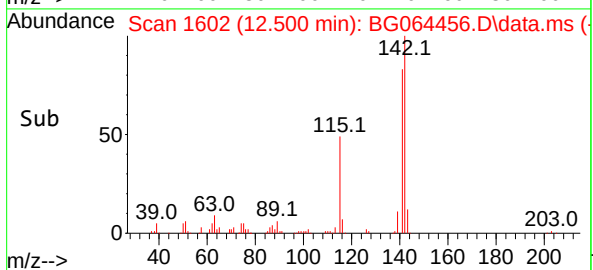
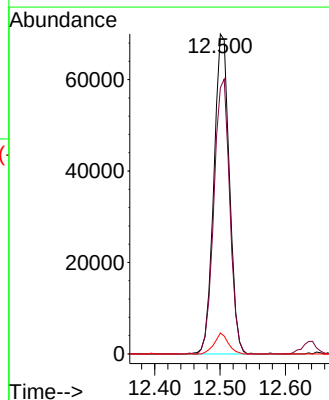
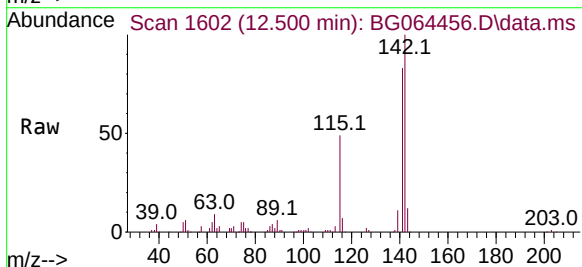
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

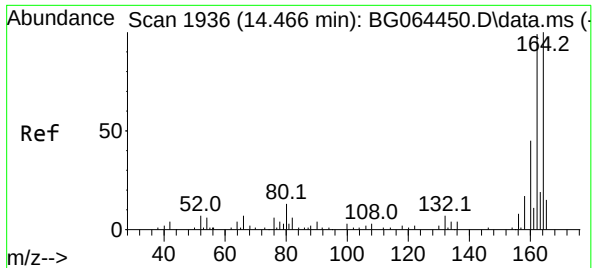
Tgt Ion:142 Resp: 110546
Ion Ratio Lower Upper
142 100
141 86.3 67.3 100.9
115 47.3 37.0 55.4



#38
1-Methylnaphthalene
Concen: 44.732 ng m
RT: 12.500 min Scan# 1602
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:142 Resp: 115316
Ion Ratio Lower Upper
142 100
141 83.2 69.2 103.8
116 6.5 4.2 6.4#

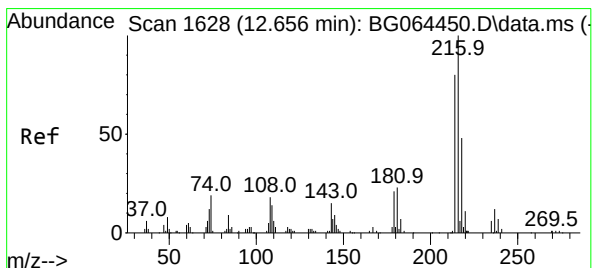
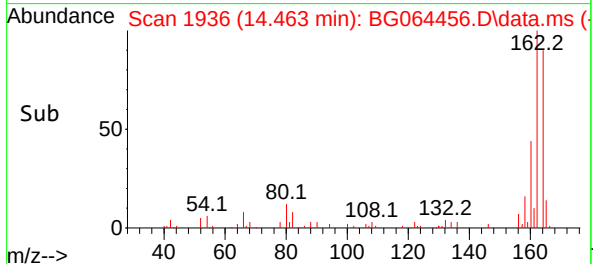
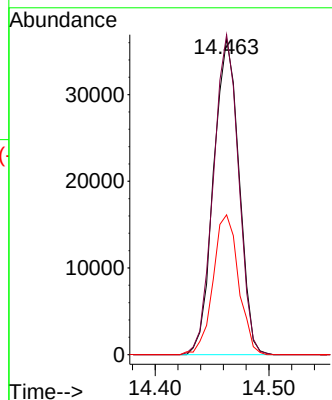
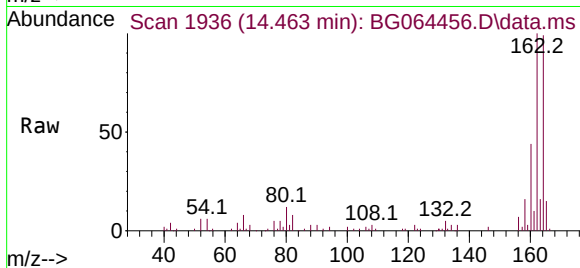




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

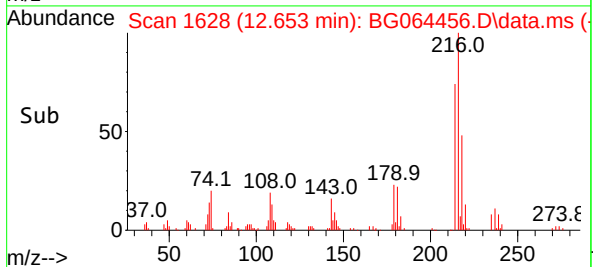
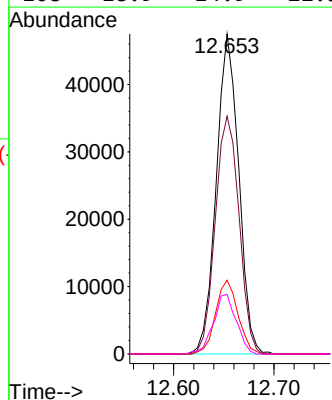
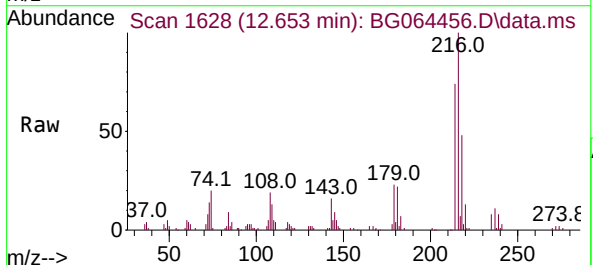
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

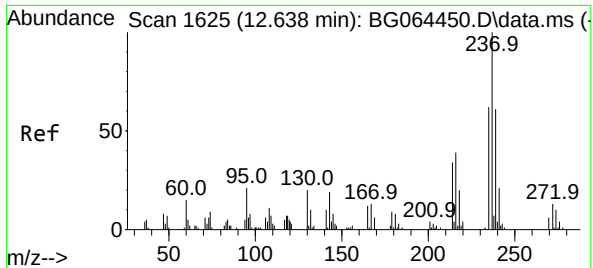
Tgt Ion:164 Resp: 56473
Ion Ratio Lower Upper
164 100
162 101.3 79.0 118.4
160 44.3 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.046 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:216 Resp: 73874
Ion Ratio Lower Upper
216 100
214 78.4 63.1 94.7
179 22.9 17.4 26.2
108 18.9 14.9 22.3

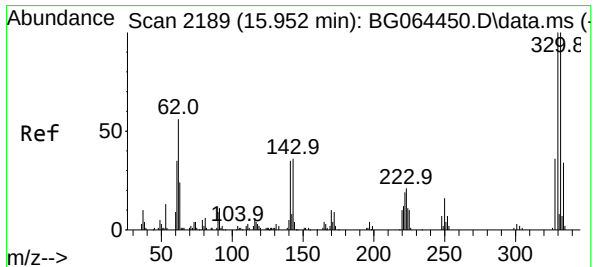
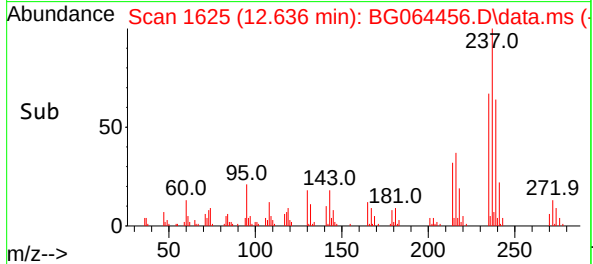
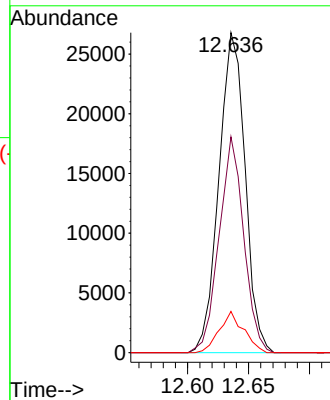
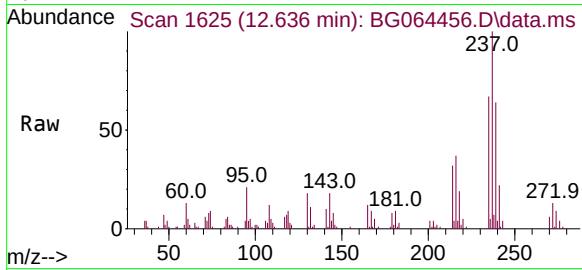




#41
Hexachlorocyclopentadiene
Concen: 41.816 ng
RT: 12.636 min Scan# 1625
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

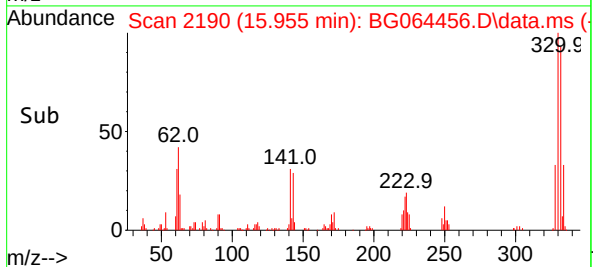
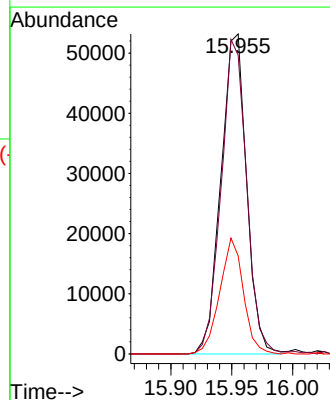
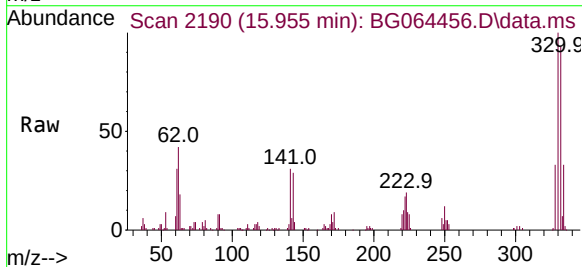
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

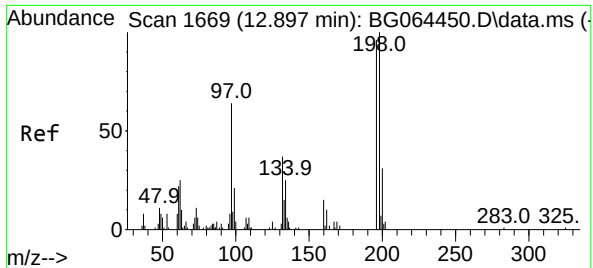
Tgt Ion:237 Resp: 39970
Ion Ratio Lower Upper
237 100
235 67.4 42.2 82.2
272 12.9 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 78.919 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:330 Resp: 77805
Ion Ratio Lower Upper
330 100
332 97.7 78.8 118.2
141 33.5 27.3 40.9

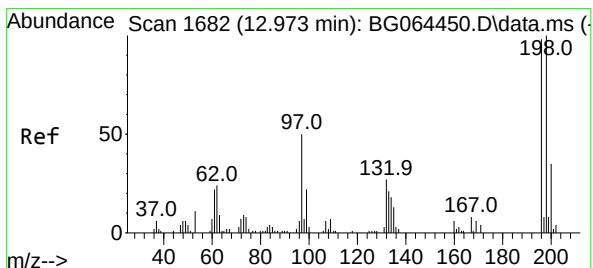
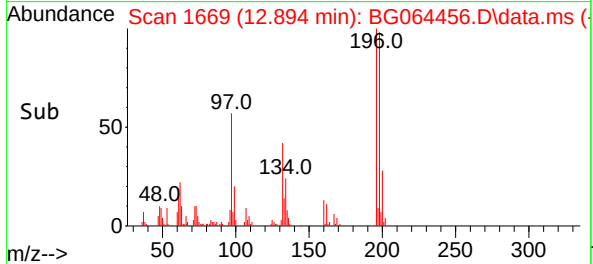
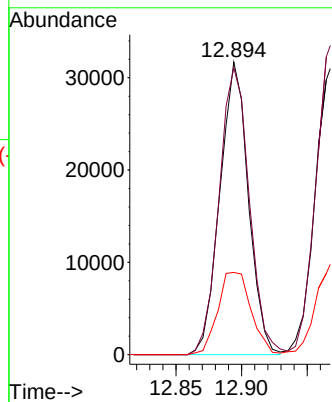
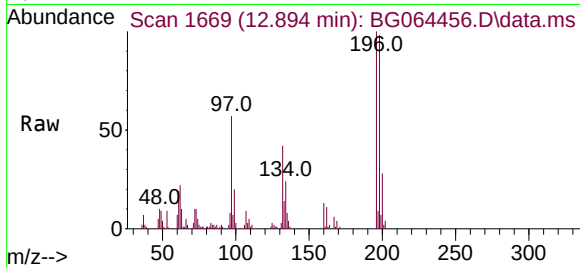




#43
2,4,6-Trichlorophenol
Concen: 40.790 ng
RT: 12.894 min Scan# 1669
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

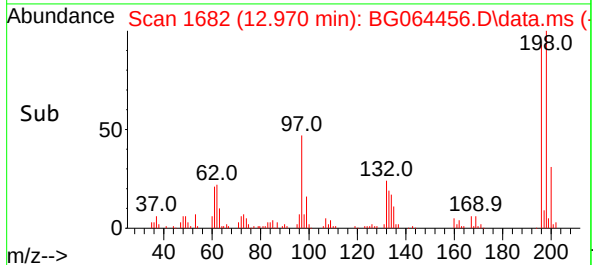
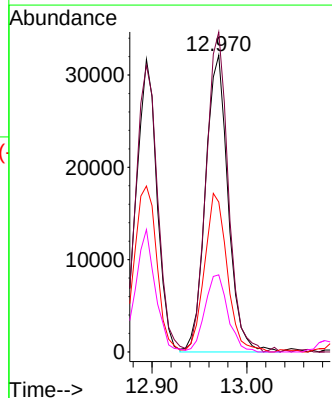
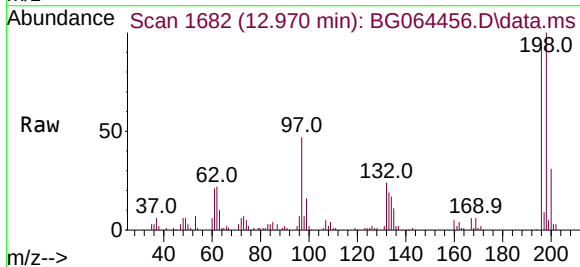
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

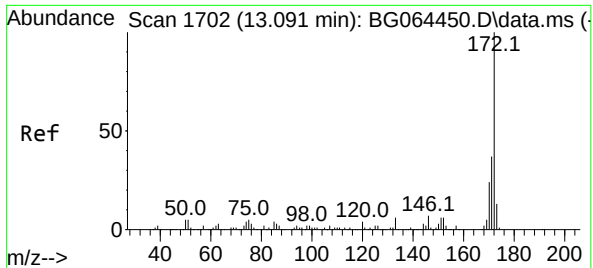
Tgt Ion	196	Resp	47887
Ion Ratio	Lower	Upper	
196	100		
198	98.0	83.8	125.6
200	28.1	26.1	39.1



#44
2,4,5-Trichlorophenol
Concen: 41.775 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	196	Resp	53496
Ion Ratio	Lower	Upper	
196	100		
198	107.8	80.9	121.3
97	50.5	40.5	60.7
132	26.0	22.6	33.8

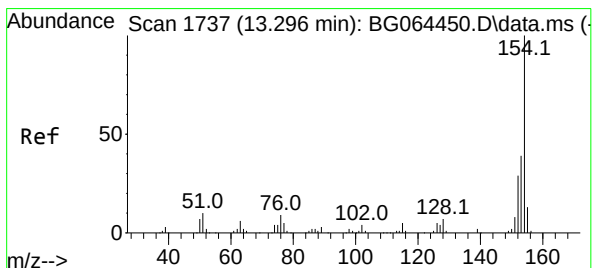
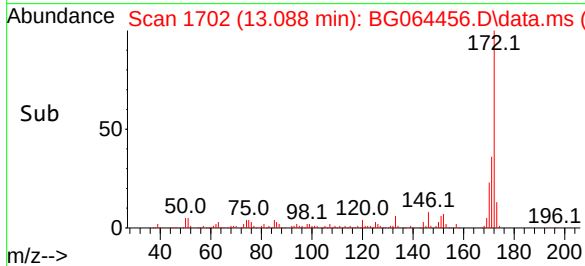
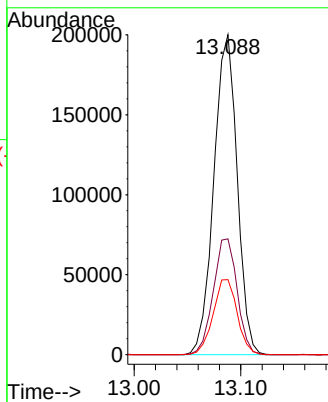
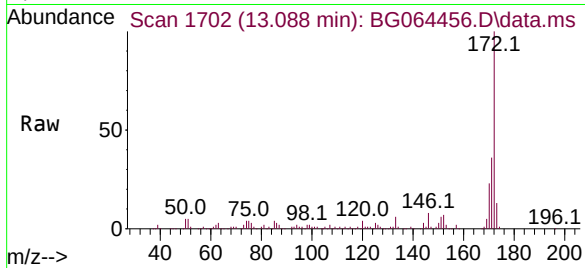




#45
2-Fluorobiphenyl
Concen: 79.615 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

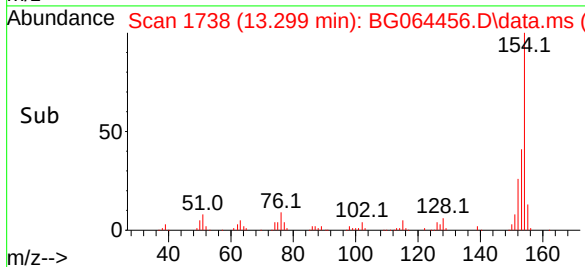
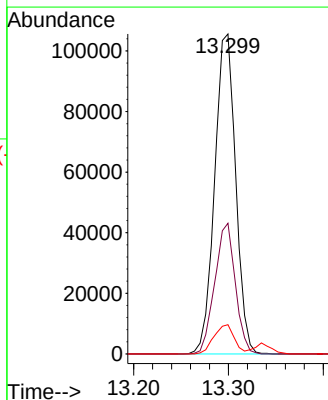
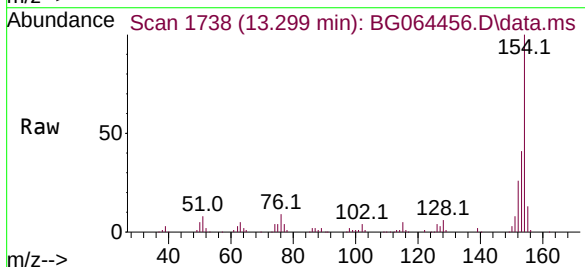
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

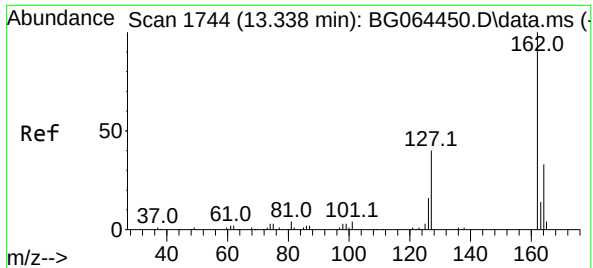
Tgt Ion:172 Resp: 304480
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.2
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.426 ng
RT: 13.299 min Scan# 1738
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:154 Resp: 162401
Ion Ratio Lower Upper
154 100
153 40.8 18.8 58.8
76 9.1 0.0 28.8





#47

2-Chloronaphthalene

Concen: 41.900 ng

RT: 13.335 min Scan# 1744

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

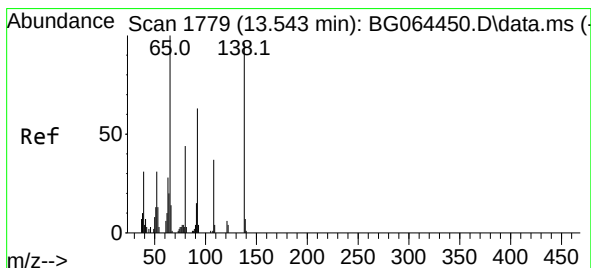
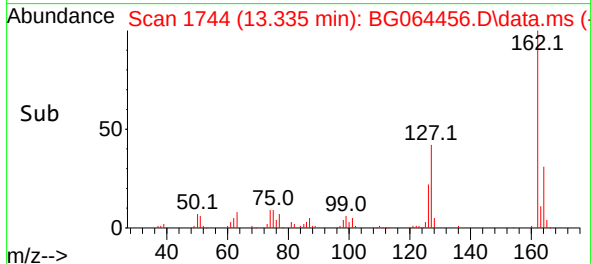
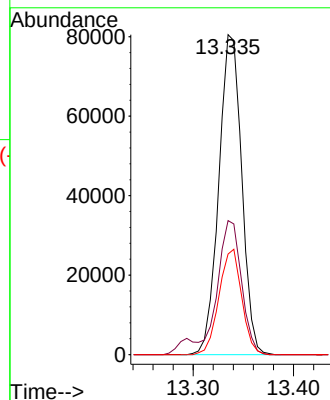
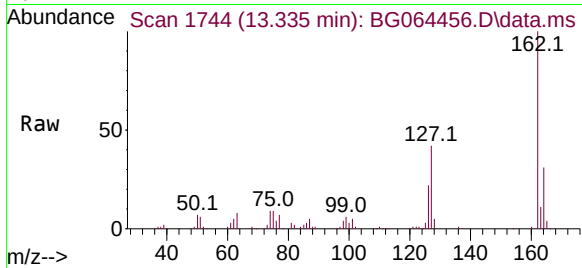
Tgt Ion:162 Resp: 127931

Ion Ratio Lower Upper

162 100

127 41.9 36.2 54.4

164 31.4 26.2 39.2



#48

2-Nitroaniline

Concen: 43.353 ng

RT: 13.540 min Scan# 1779

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

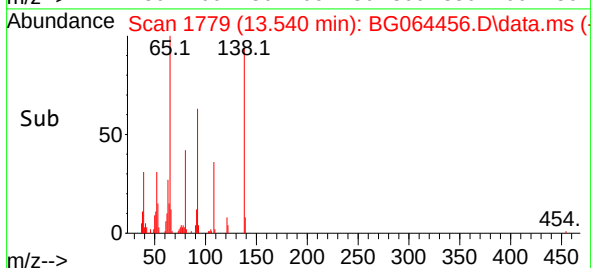
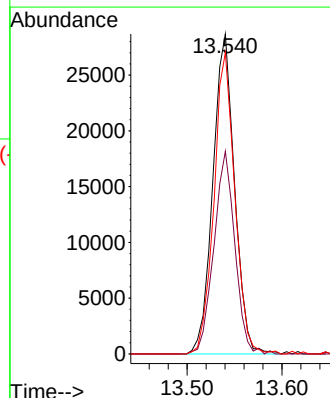
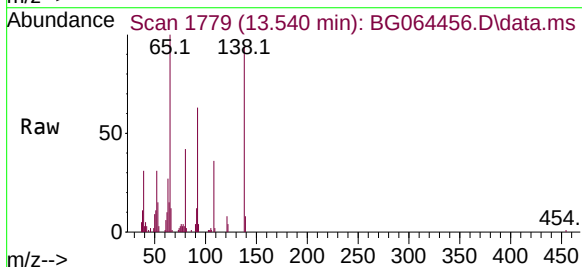
Tgt Ion: 65 Resp: 45494

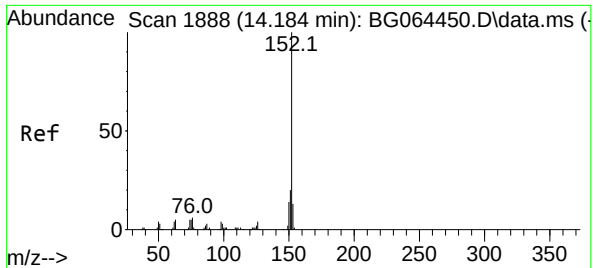
Ion Ratio Lower Upper

65 100

92 63.3 50.6 75.8

138 94.2 76.4 114.6

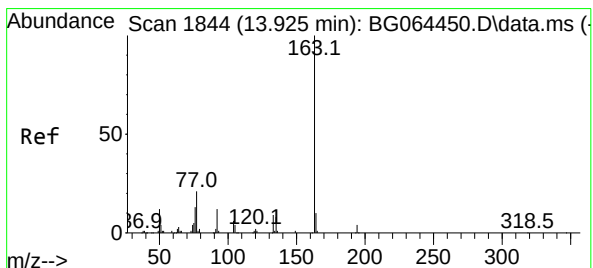
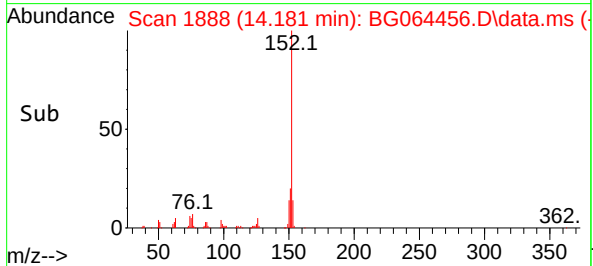
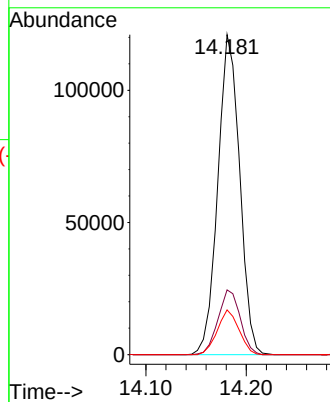
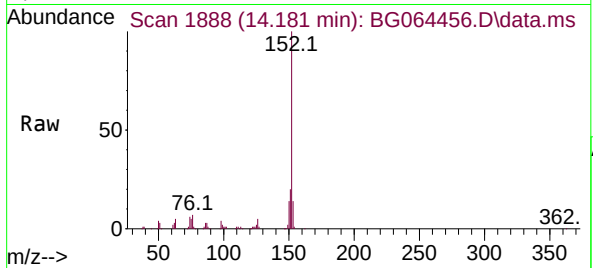




#49
Acenaphthylene
Concen: 40.437 ng
RT: 14.181 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

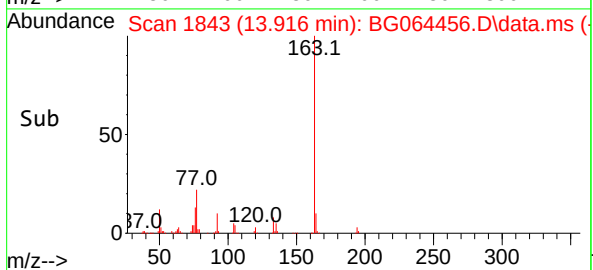
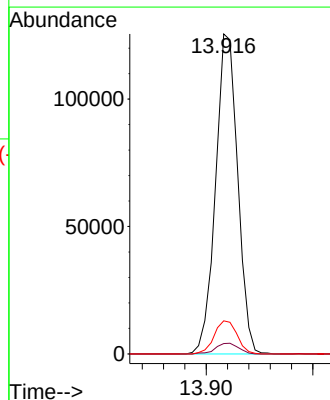
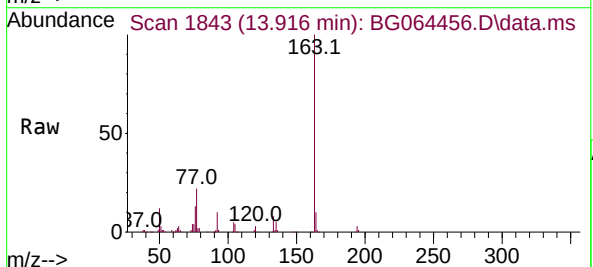
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

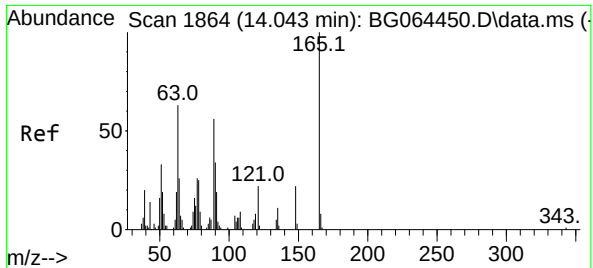
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.0	10.6	16.0



#50
Dimethylphthalate
Concen: 42.003 ng
RT: 13.916 min Scan# 1843
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.3	8.2	12.2

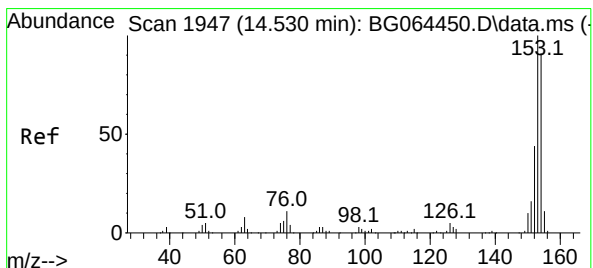
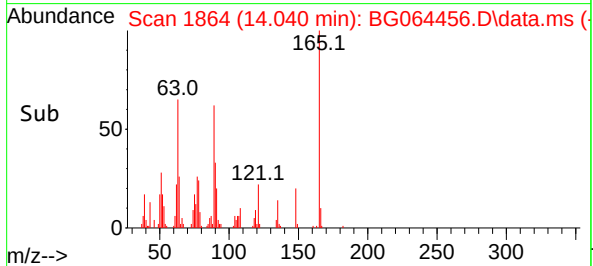
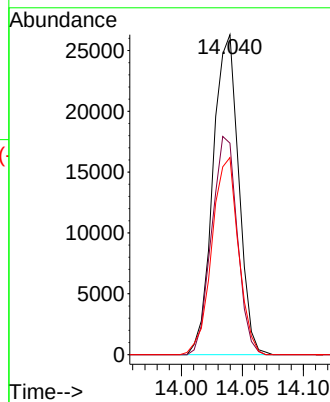
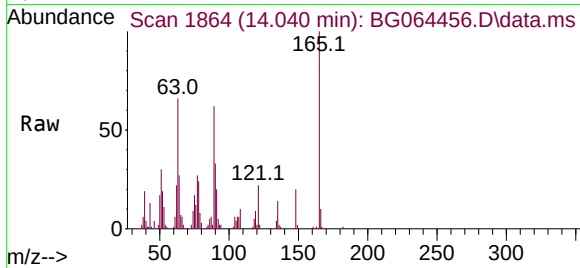




#51
2,6-Dinitrotoluene
Concen: 42.530 ng
RT: 14.040 min Scan# 1864
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

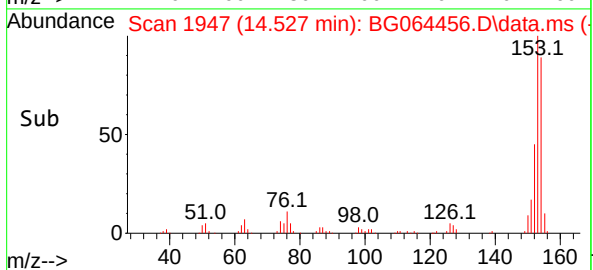
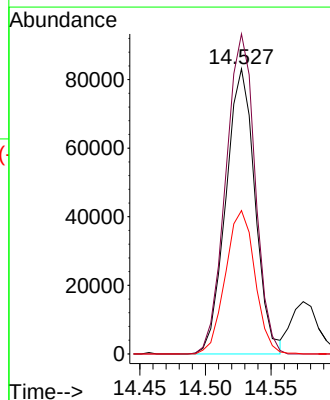
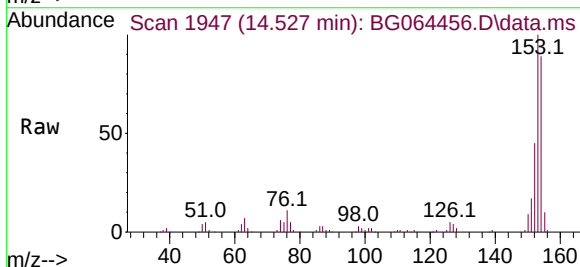
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

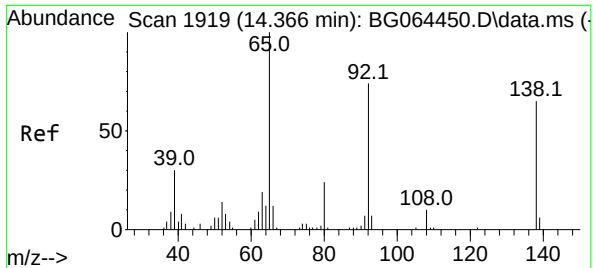
Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.1	50.6	75.8
89	61.6	44.6	67.0



#52
Acenaphthene
Concen: 41.467 ng
RT: 14.527 min Scan# 1947
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.1	132.1
152	50.3	39.0	58.4

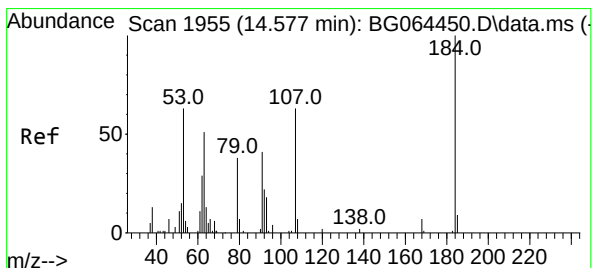
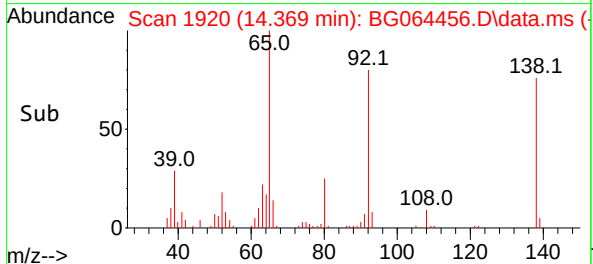
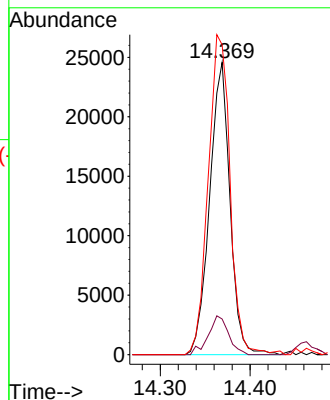
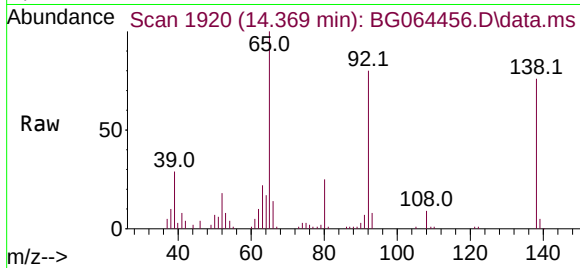




#53
3-Nitroaniline
Concen: 45.046 ng
RT: 14.369 min Scan# 1919
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

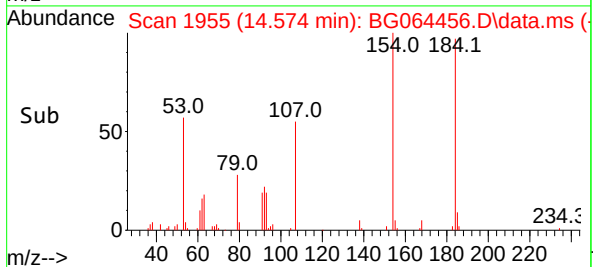
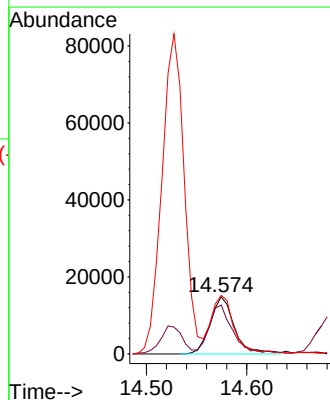
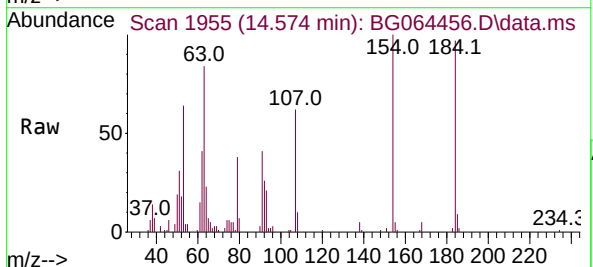
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

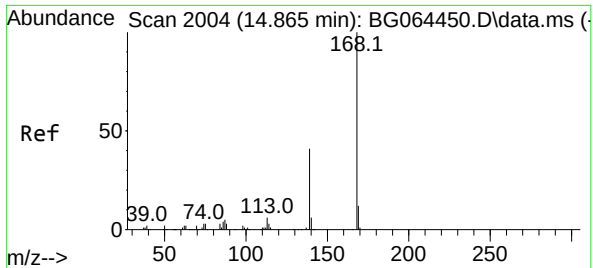
Tgt Ion:138 Resp: 38680
Ion Ratio Lower Upper
138 100
108 12.2 12.4 18.6#
92 106.1 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 41.076 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:184 Resp: 24720
Ion Ratio Lower Upper
184 100
63 85.7 69.8 104.8
154 102.7 74.2 111.4





#55

Dibenzofuran

Concen: 40.911 ng

RT: 14.862 min Scan# 2004

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

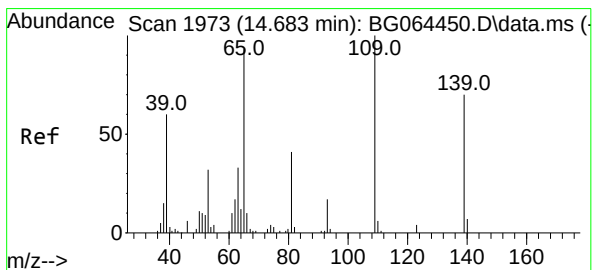
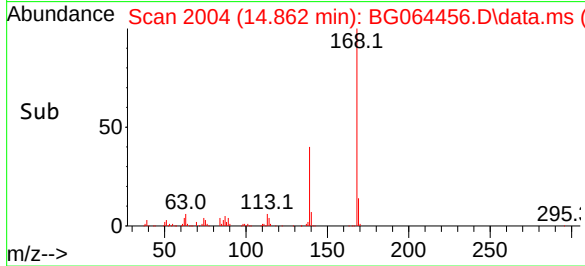
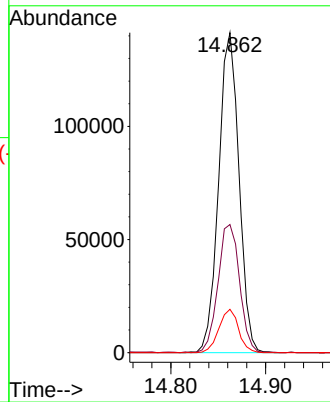
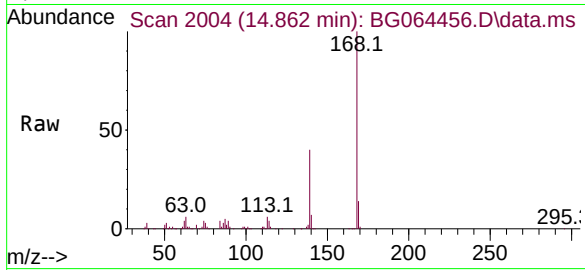
Tgt Ion:168 Resp: 210416

Ion	Ratio	Lower	Upper

168	100		

139	40.0	33.3	49.9

169	13.5	9.9	14.9



#56

4-Nitrophenol

Concen: 46.002 ng

RT: 14.680 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG064456.D

Acq: 29 Sep 2025 12:21

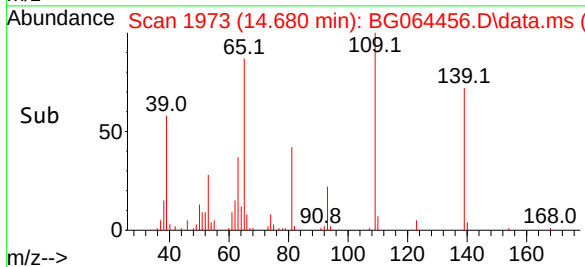
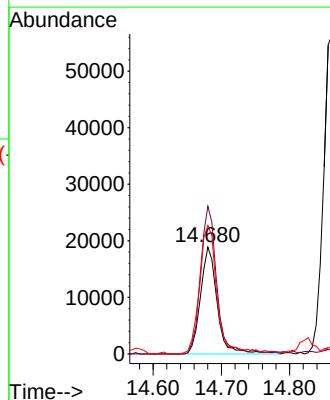
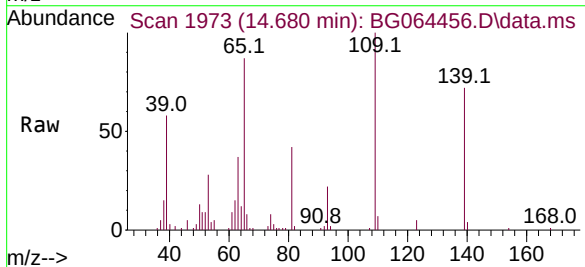
Tgt Ion:139 Resp: 31973

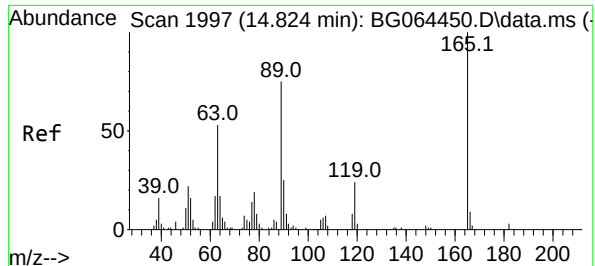
Ion	Ratio	Lower	Upper

139	100		

109	138.2	122.5	162.5

65	120.2	113.0	153.0

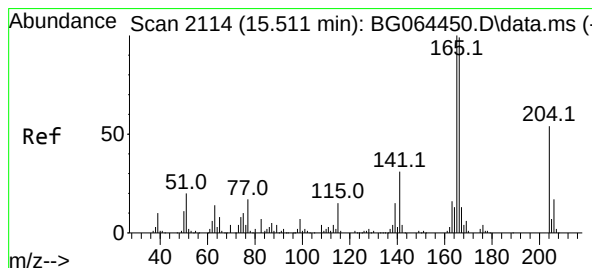
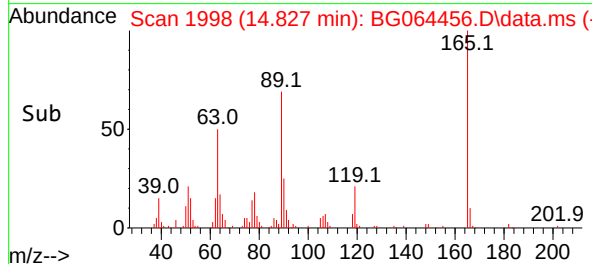
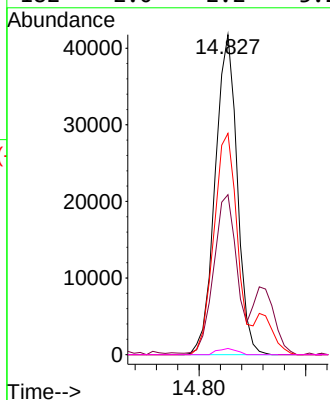
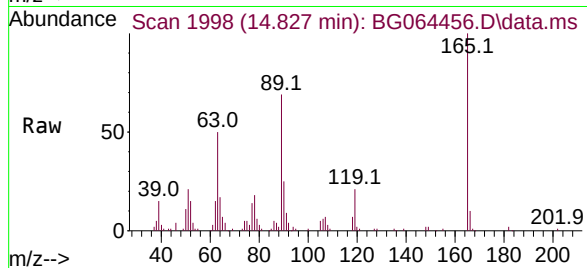




#57
2,4-Dinitrotoluene
Concen: 43.471 ng
RT: 14.827 min Scan# 1997
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

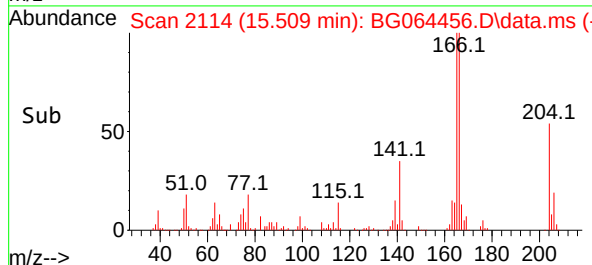
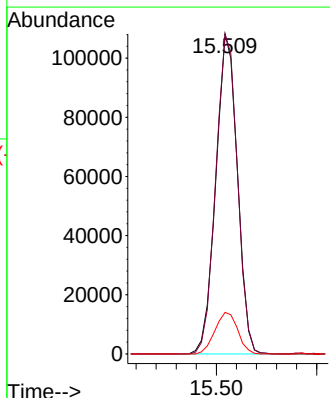
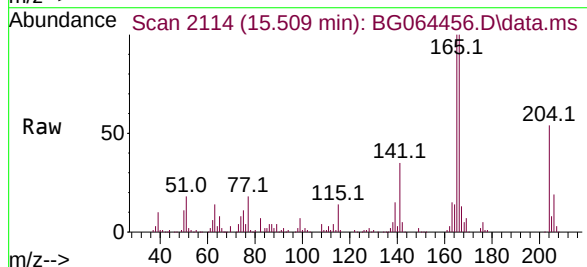
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

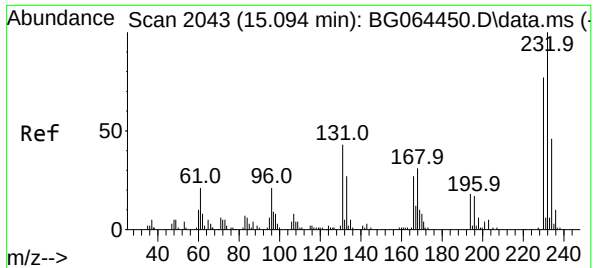
Tgt Ion:165 Resp: 60137
Ion Ratio Lower Upper
165 100
63 50.0 42.6 63.8
89 69.1 59.7 89.5
182 2.0 2.2 3.2#



#58
Fluorene
Concen: 38.029 ng
RT: 15.509 min Scan# 2114
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:166 Resp: 161462
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 13.0 10.9 16.3

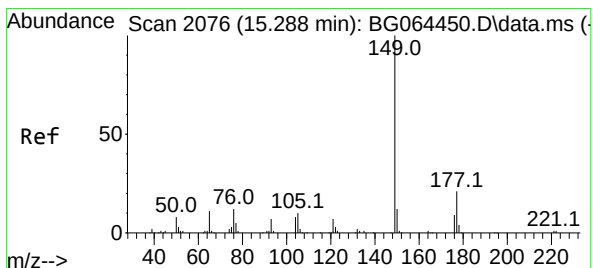
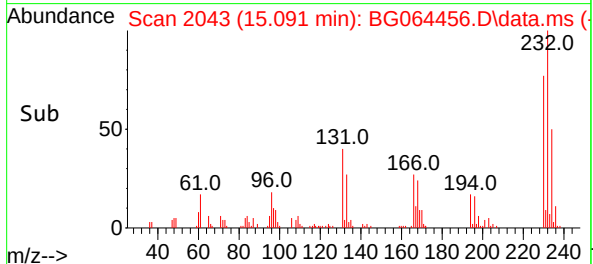
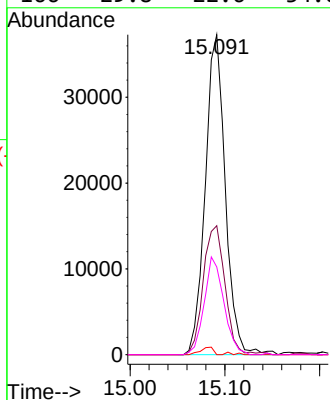
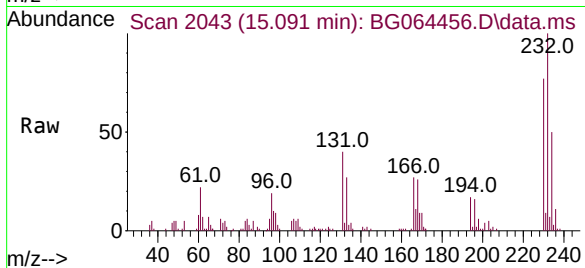




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.944 ng
RT: 15.091 min Scan# 2043
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

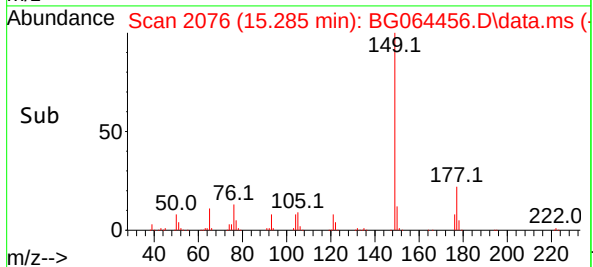
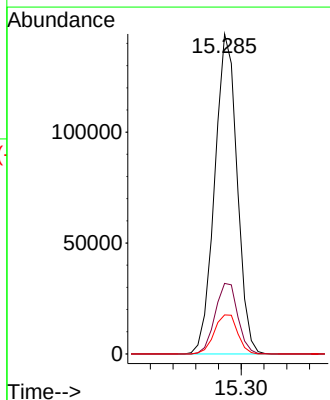
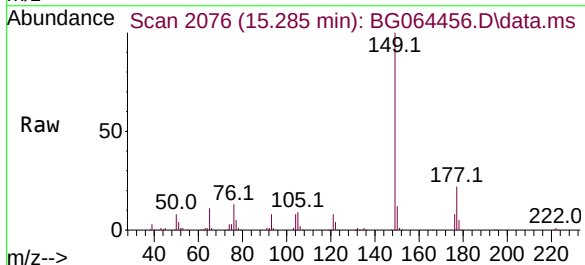
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

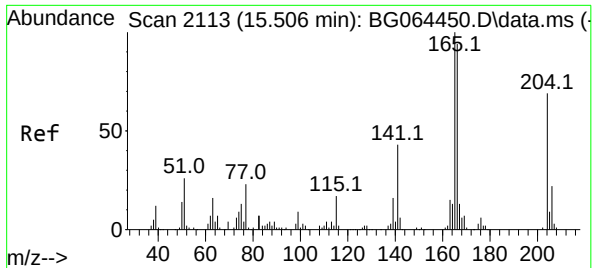
Tgt Ion:232 Resp: 54855
Ion Ratio Lower Upper
232 100
131 43.7 34.3 51.5
130 1.5 2.3 3.5#
166 29.8 22.6 34.0



#60
Diethylphthalate
Concen: 42.370 ng
RT: 15.285 min Scan# 2076
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:149 Resp: 196960
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 12.2 9.5 14.3

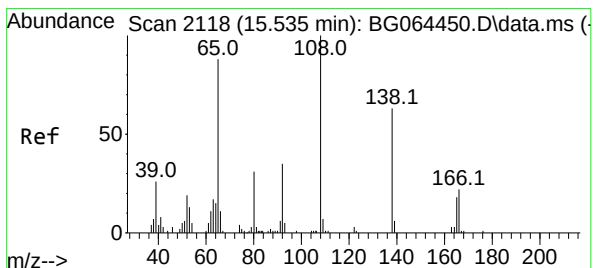
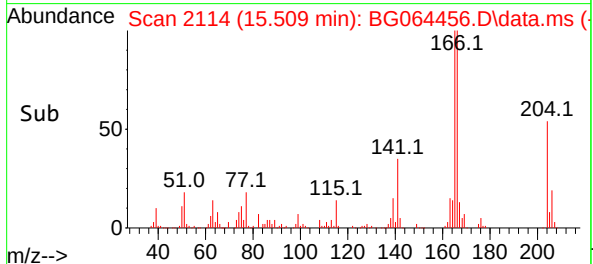
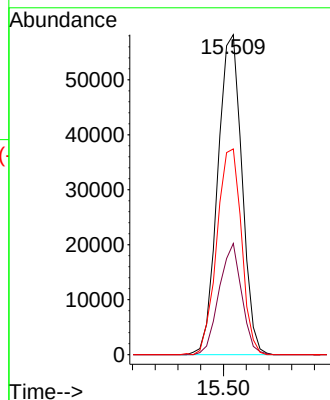
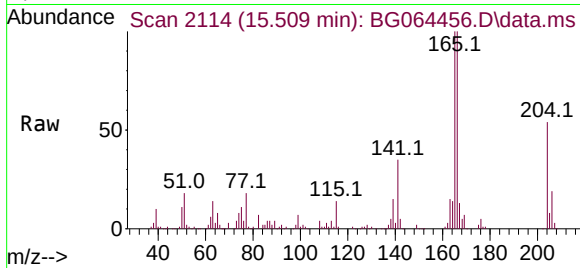




#61
4-Chlorophenyl-phenylether
Concen: 37.031 ng
RT: 15.509 min Scan# 2113
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

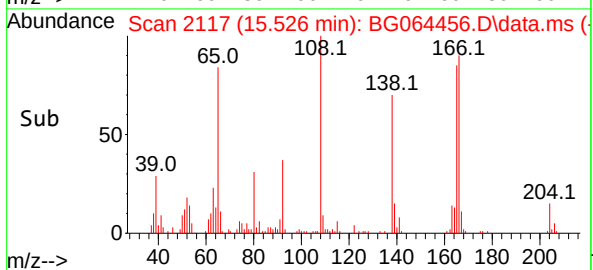
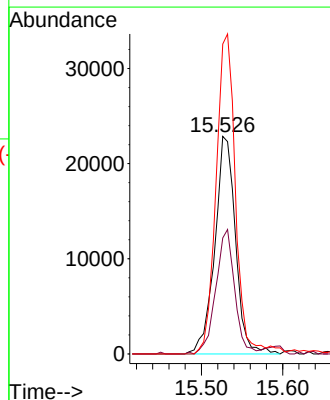
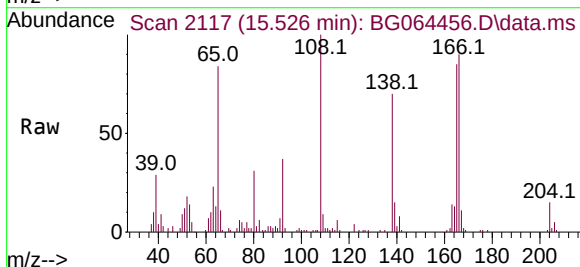
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

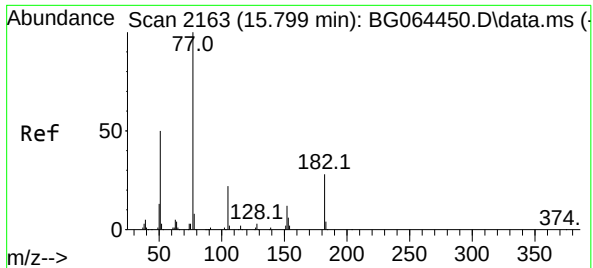
Tgt Ion:204 Resp: 85857
Ion Ratio Lower Upper
204 100
206 34.7 25.0 37.6
141 64.3 49.7 74.5



#62
4-Nitroaniline
Concen: 43.968 ng
RT: 15.526 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:138 Resp: 40482
Ion Ratio Lower Upper
138 100
92 53.3 35.0 75.0
108 142.5 137.5 177.5

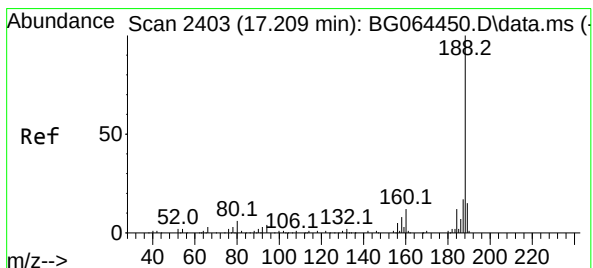
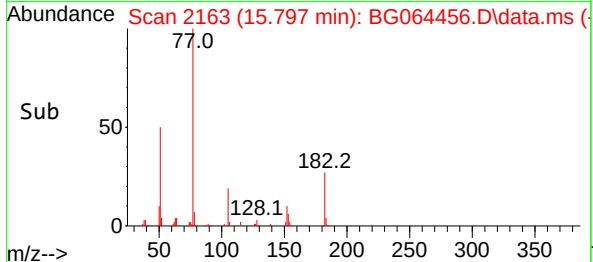
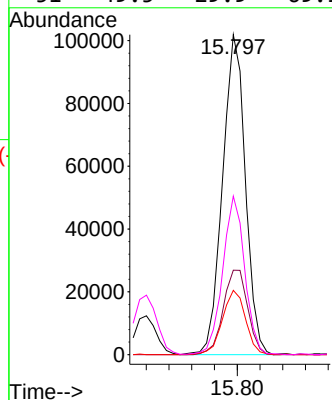
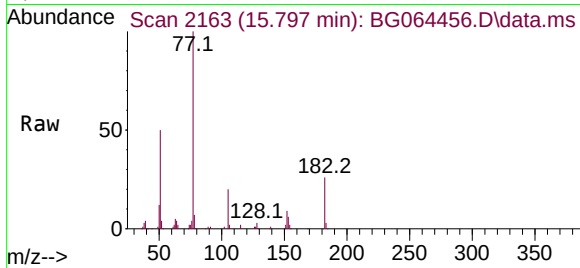




#63
Azobenzene
Concen: 38.978 ng
RT: 15.797 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

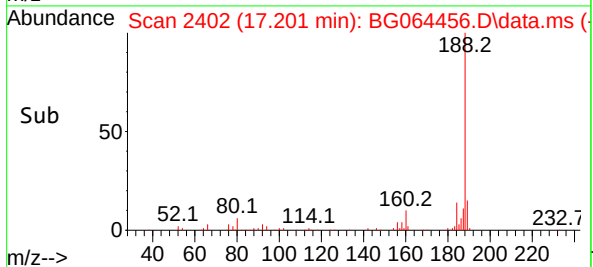
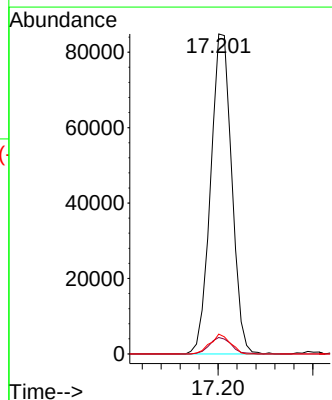
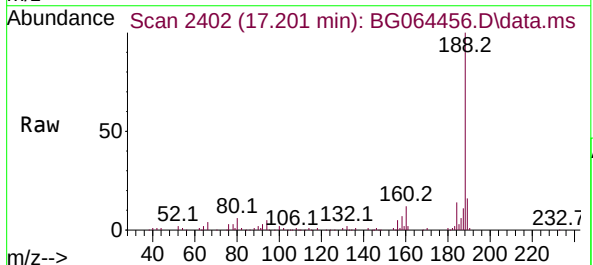
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

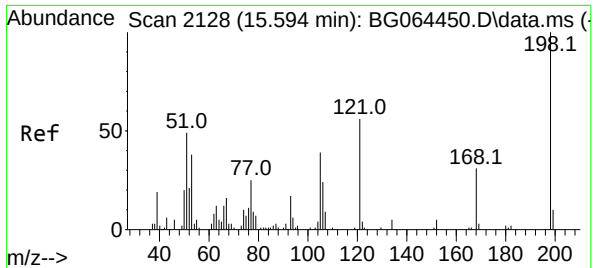
Tgt Ion: 77 Resp: 141783
Ion Ratio Lower Upper
77 100
182 26.4 8.1 48.1
105 20.1 1.9 41.9
51 49.5 29.9 69.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion: 188 Resp: 131242
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.4#
80 6.2 4.9 7.3

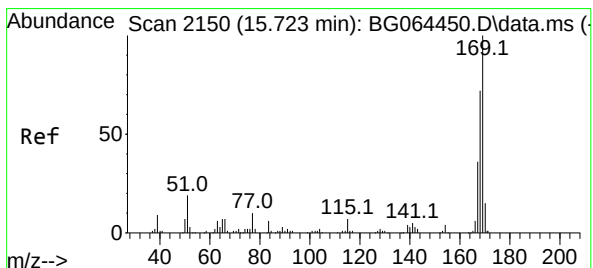
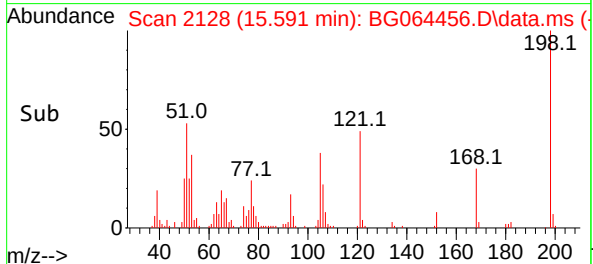
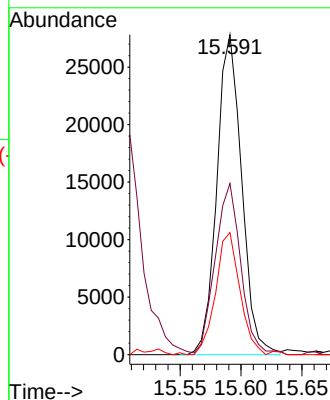
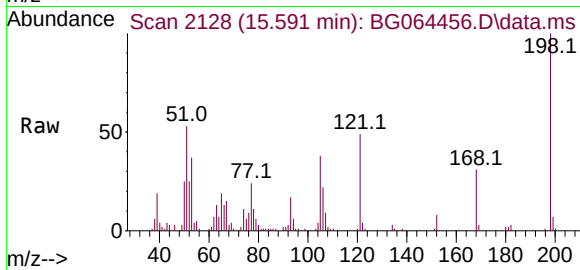




#65
4,6-Dinitro-2-methylphenol
Concen: 43.897 ng
RT: 15.591 min Scan# 2128
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

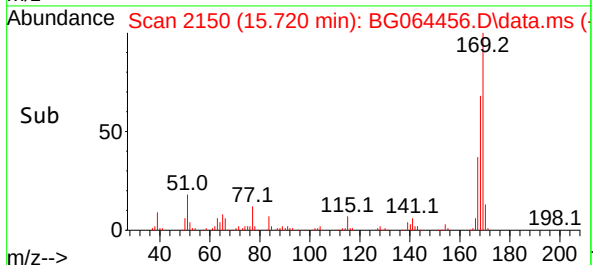
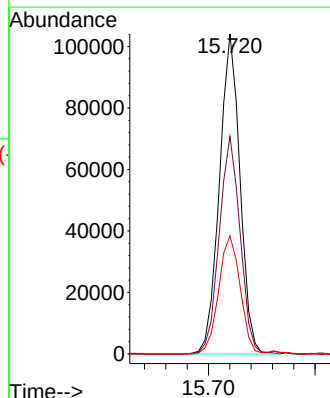
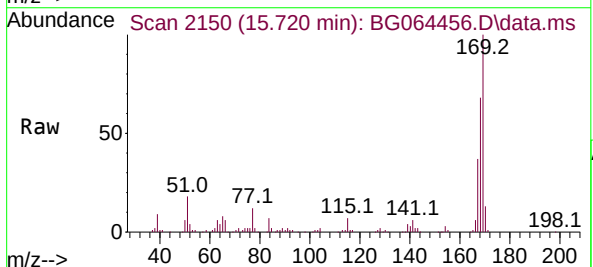
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

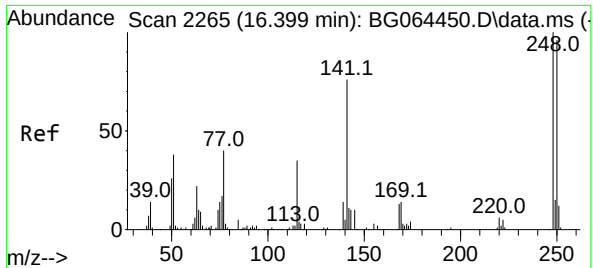
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.5	30.8	70.8
105	38.1	19.3	59.3



#66
n-Nitrosodiphenylamine
Concen: 39.880 ng
RT: 15.720 min Scan# 2150
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	57.7	86.5
167	36.9	28.6	42.8

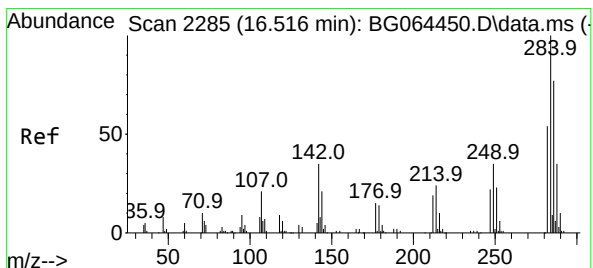
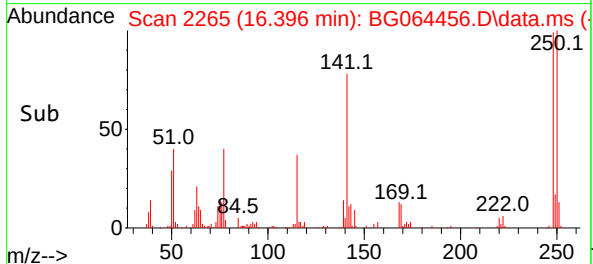
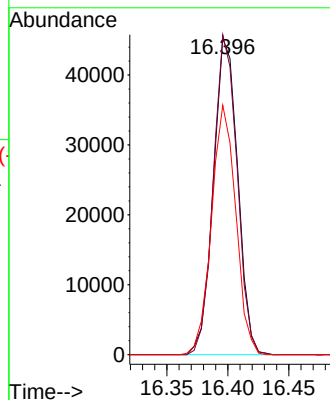
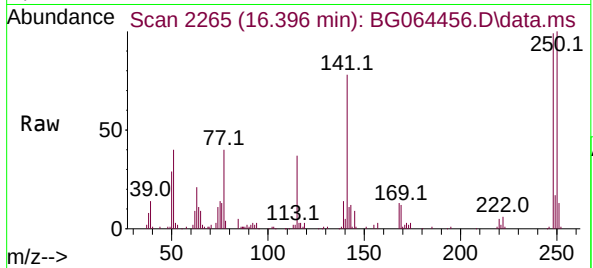




#67
4-Bromophenyl-phenylether
Concen: 40.789 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

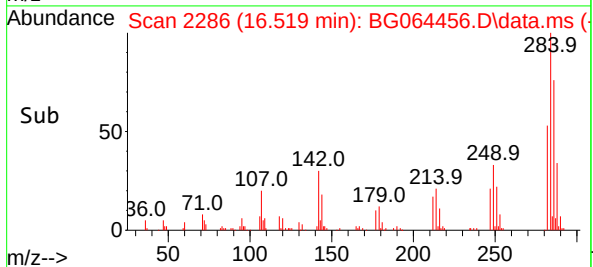
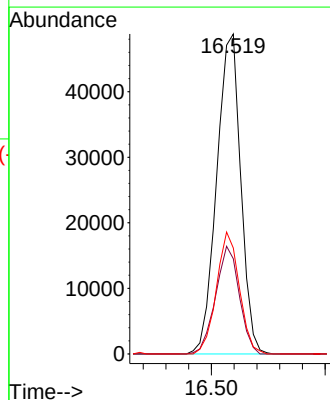
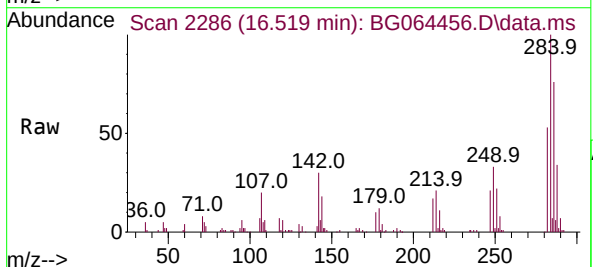
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

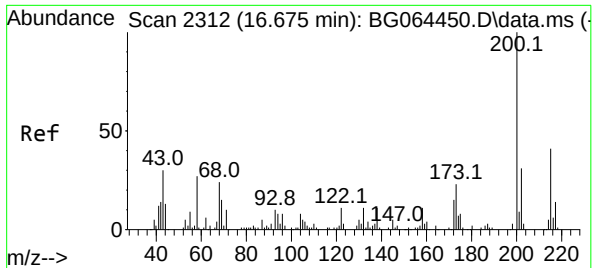
Tgt Ion:248 Resp: 62724
Ion Ratio Lower Upper
248 100
250 101.2 77.0 115.6
141 78.9 61.1 91.7



#68
Hexachlorobenzene
Concen: 40.927 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:284 Resp: 71625
Ion Ratio Lower Upper
284 100
142 29.7 27.9 41.9
249 33.1 27.7 41.5

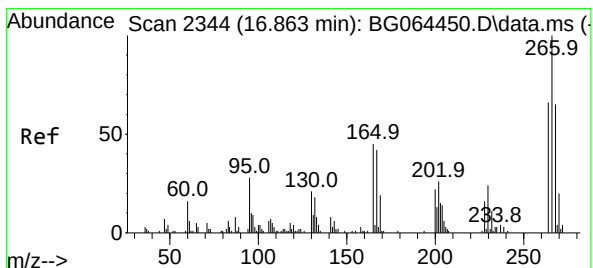
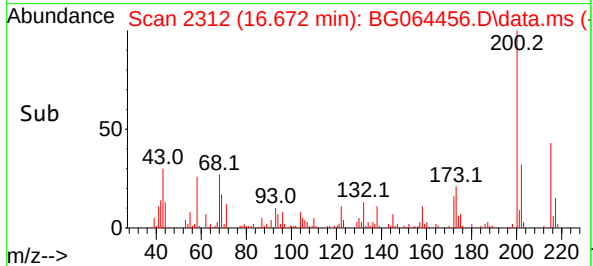
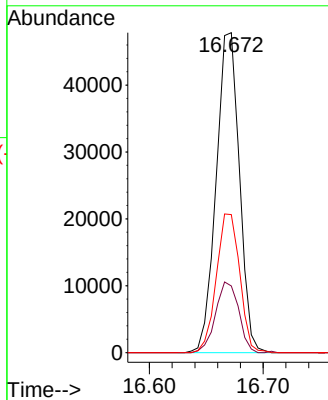
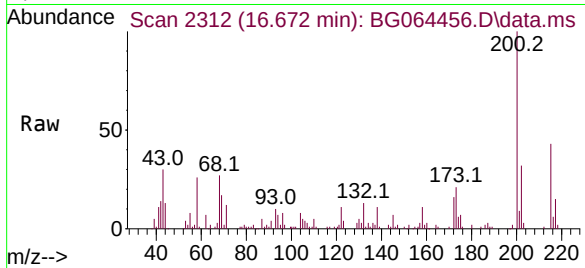




#69
 Atrazine
 Concen: 42.599 ng
 RT: 16.672 min Scan# 2312
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

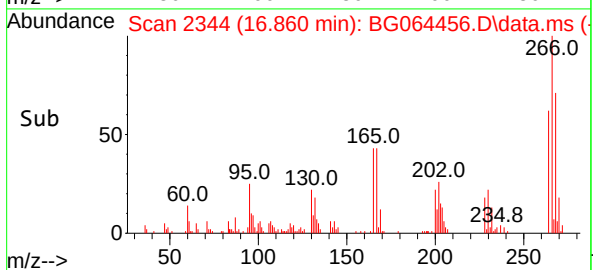
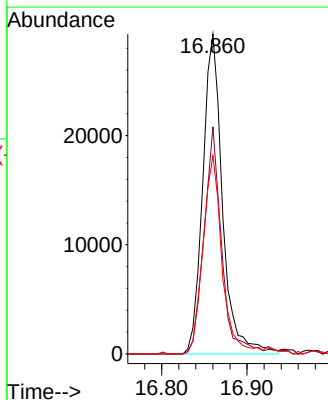
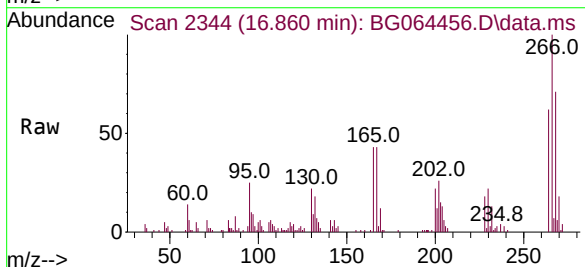
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

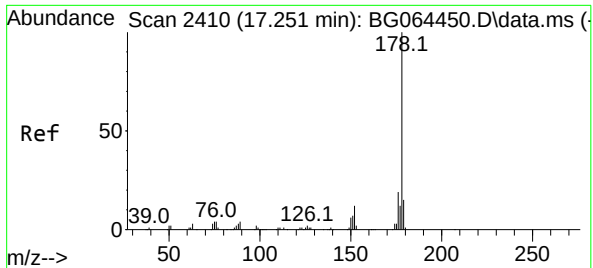
Tgt Ion:200 Resp: 67779
 Ion Ratio Lower Upper
 200 100
 173 20.8 2.9 42.9
 215 43.1 21.1 61.1



#70
 Pentachlorophenol
 Concen: 44.642 ng
 RT: 16.860 min Scan# 2344
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

Tgt Ion:266 Resp: 47149
 Ion Ratio Lower Upper
 266 100
 268 71.0 51.9 77.9
 264 61.9 52.4 78.6

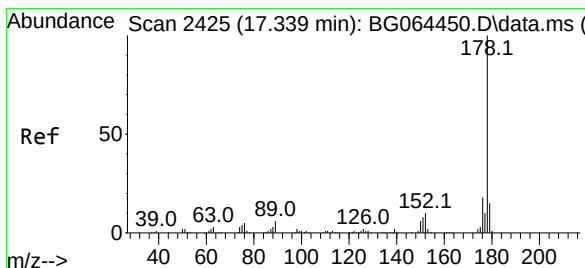
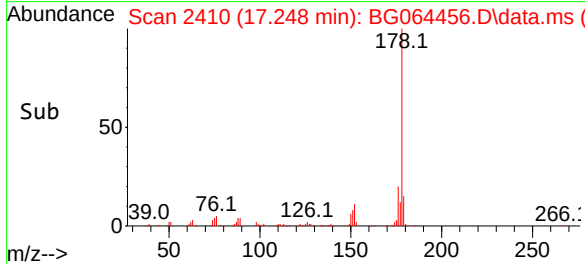
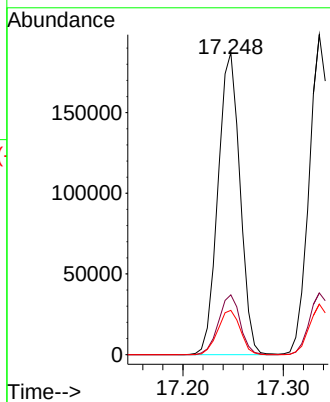
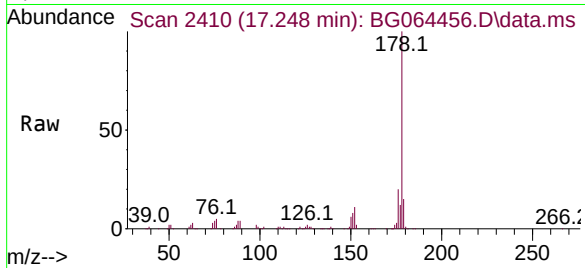




#71
Phenanthrene
Concen: 41.784 ng
RT: 17.248 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

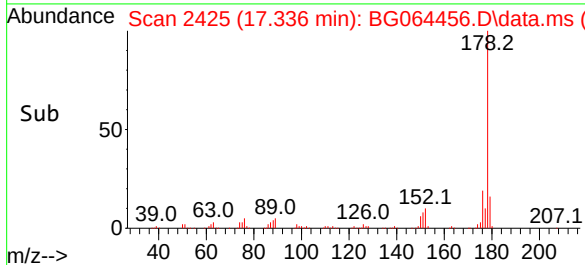
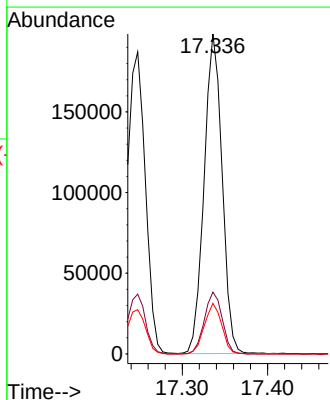
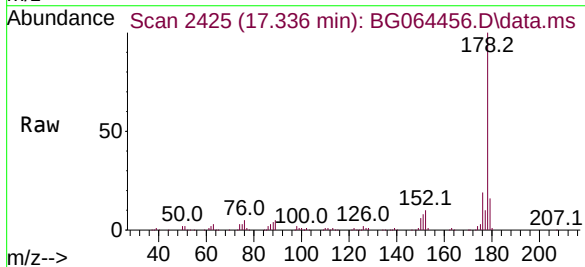
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

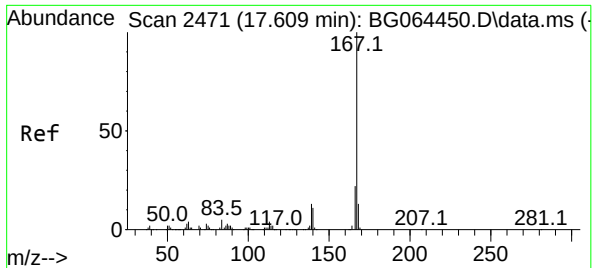
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.9	22.3
179	14.6	12.4	18.6



#72
Anthracene
Concen: 41.805 ng
RT: 17.336 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.5	21.7
179	15.8	11.9	17.9

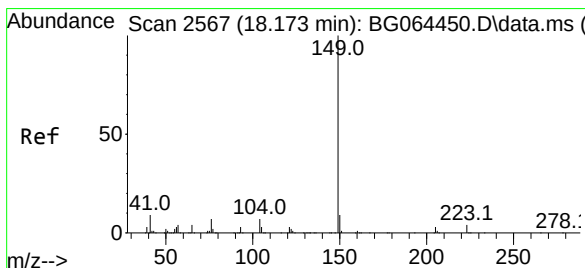
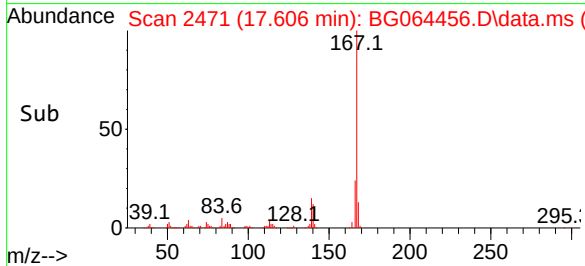
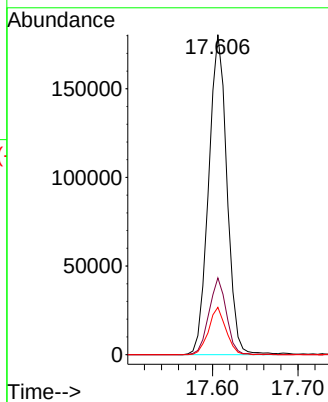
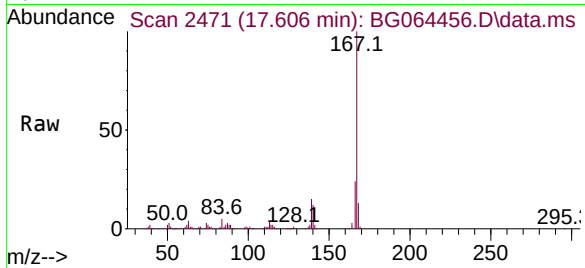




#73
 Carbazole
 Concen: 44.098 ng
 RT: 17.606 min Scan# 2471
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

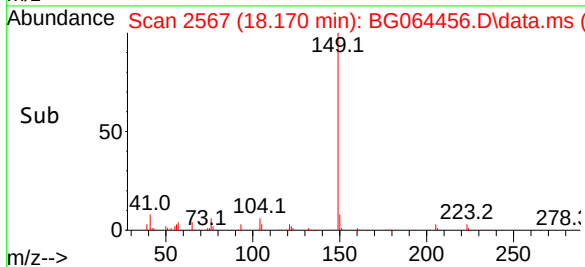
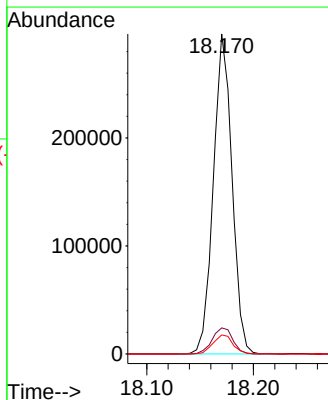
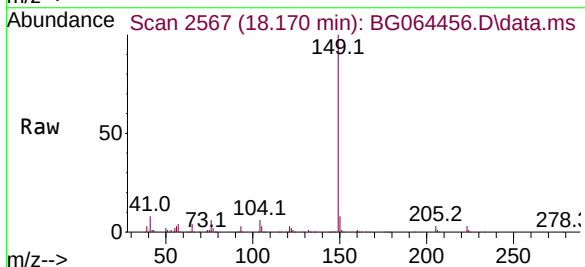
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

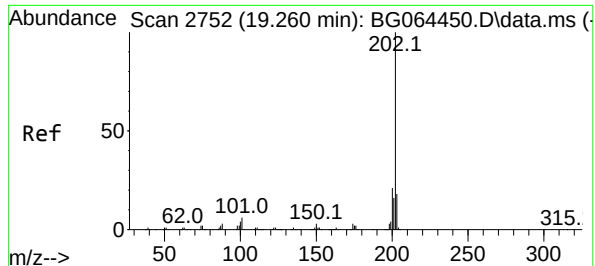
Tgt Ion:167 Resp: 268741
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.4 26.2
 139 14.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 48.342 ng
 RT: 18.170 min Scan# 2567
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

Tgt Ion:149 Resp: 360363
 Ion Ratio Lower Upper
 149 100
 150 8.1 7.3 10.9
 104 5.9 5.8 8.8

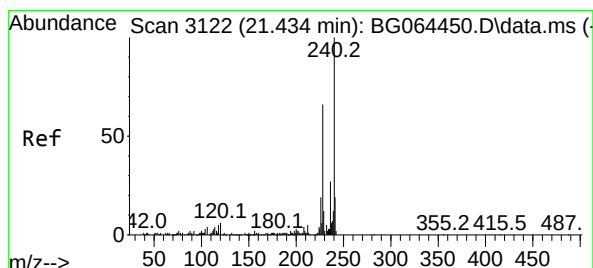
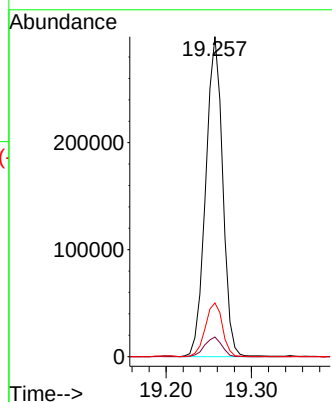
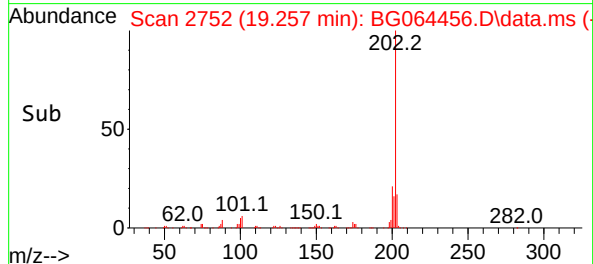
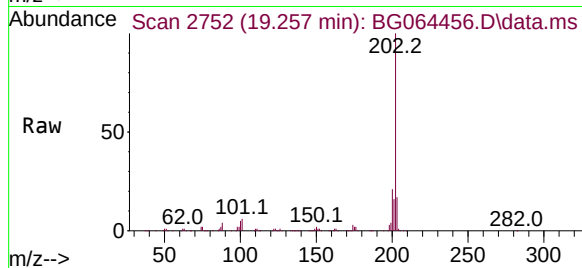




#75
Fluoranthene
Concen: 47.968 ng
RT: 19.257 min Scan# 2752
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

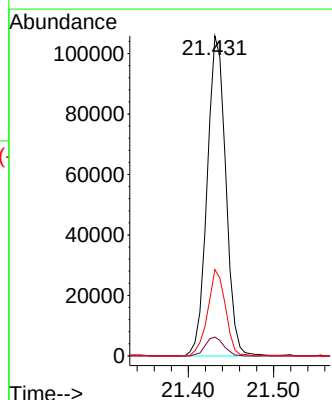
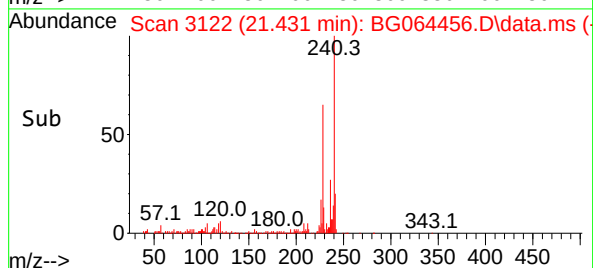
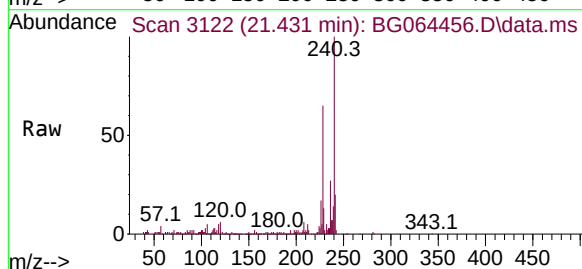
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

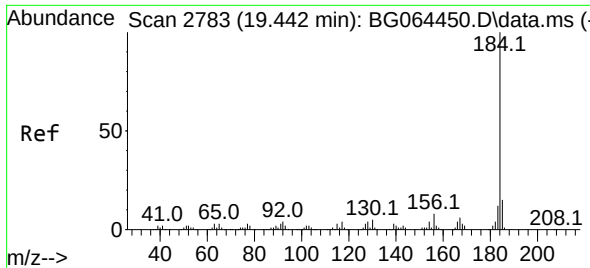
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	25.6
203	16.8	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.431 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.4
236	27.0	21.9	32.9

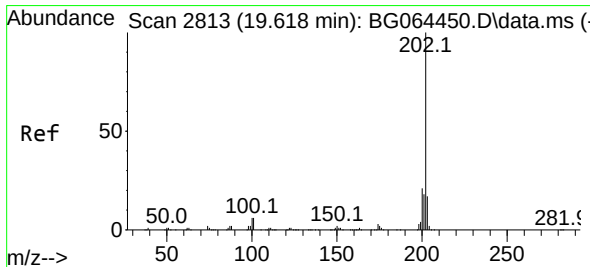
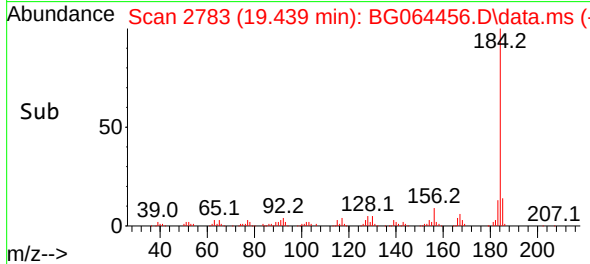
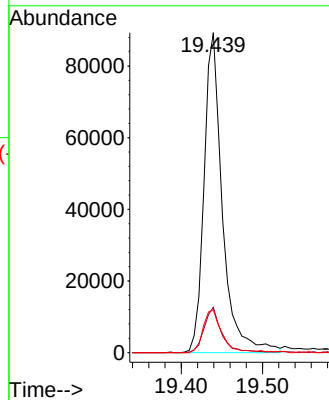
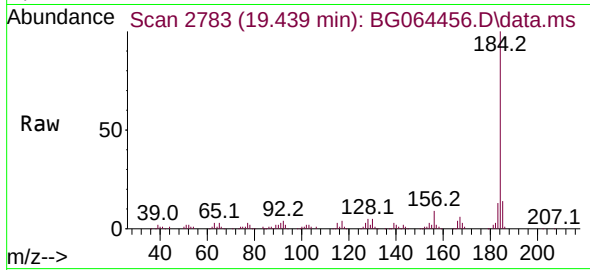




#77
Benzidine
Concen: 33.383 ng
RT: 19.439 min Scan# 2783
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

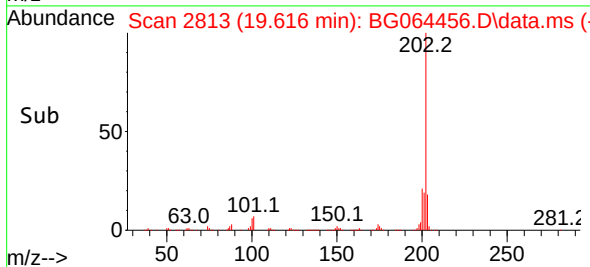
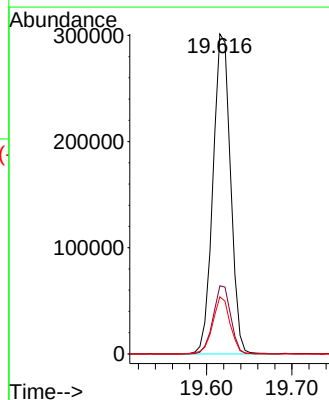
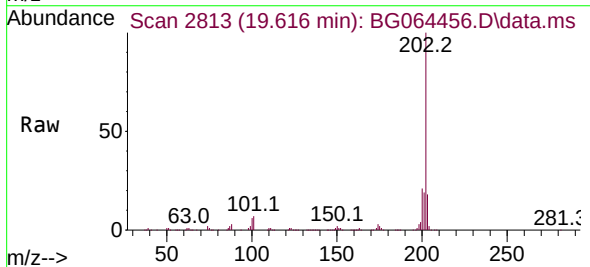
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

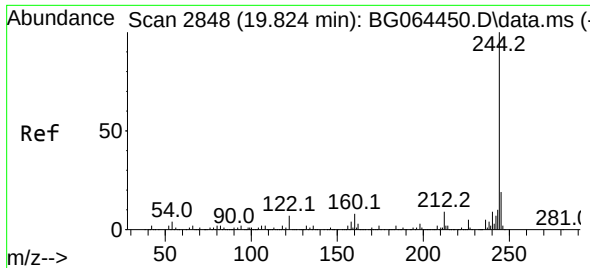
Tgt Ion:184 Resp: 140348
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 13.4 10.0 15.0



#78
Pyrene
Concen: 43.222 ng
RT: 19.616 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:202 Resp: 430640
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.8 13.8 20.6

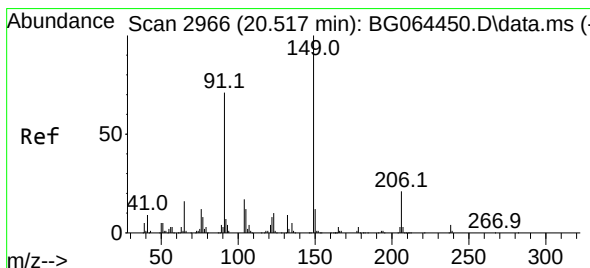
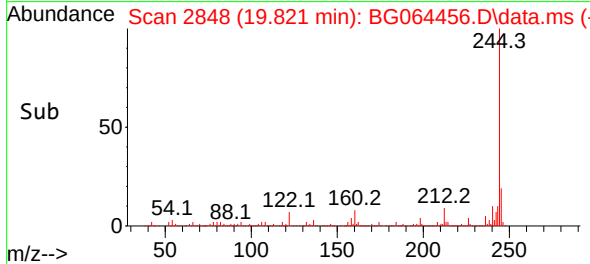
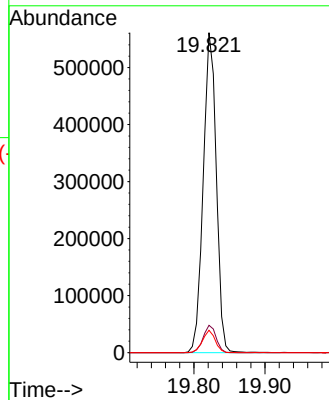
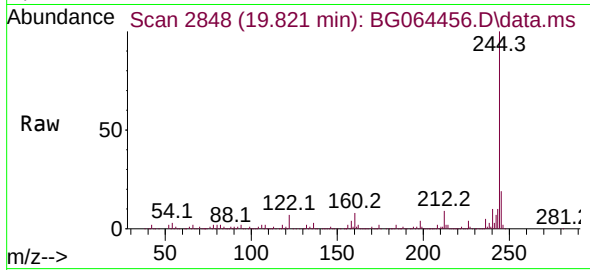




#79
 Terphenyl-d14
 Concen: 87.296 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

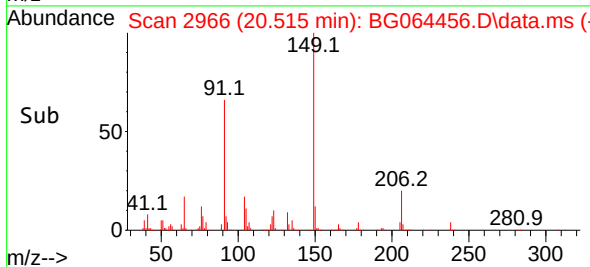
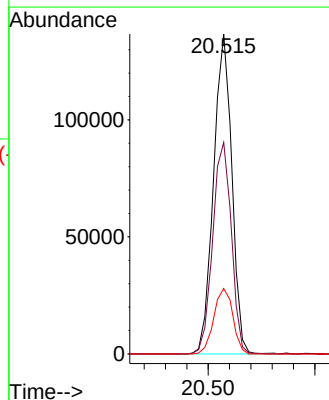
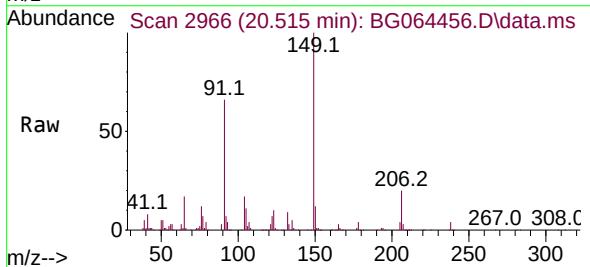
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

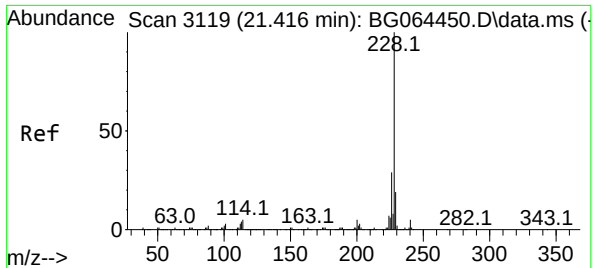
Tgt Ion:244 Resp: 711079
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.2 10.8
 122 7.0 5.7 8.5



#80
 Butylbenzylphthalate
 Concen: 43.733 ng
 RT: 20.515 min Scan# 2966
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

Tgt Ion:149 Resp: 162863
 Ion Ratio Lower Upper
 149 100
 91 66.1 56.6 84.8
 206 20.4 16.8 25.2

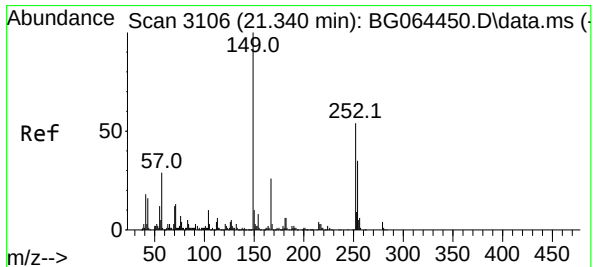
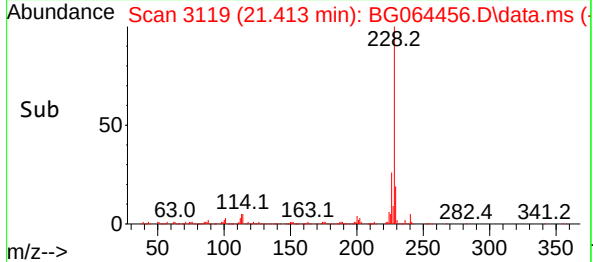
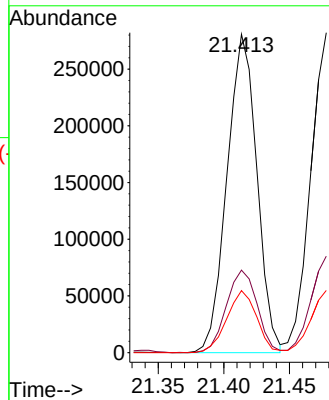
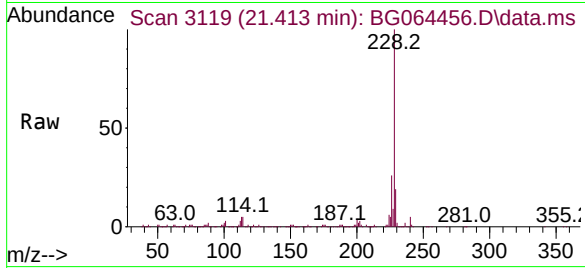




#81
Benzo(a)anthracene
Concen: 43.207 ng
RT: 21.413 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

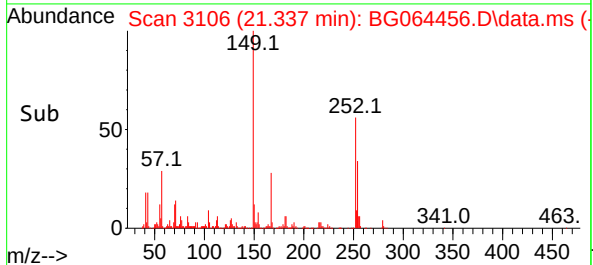
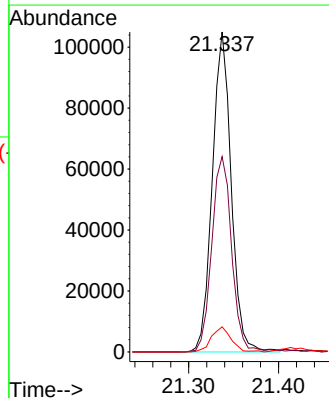
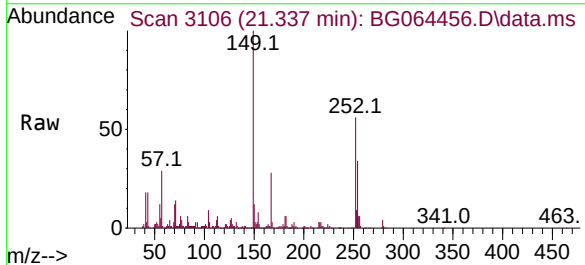
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

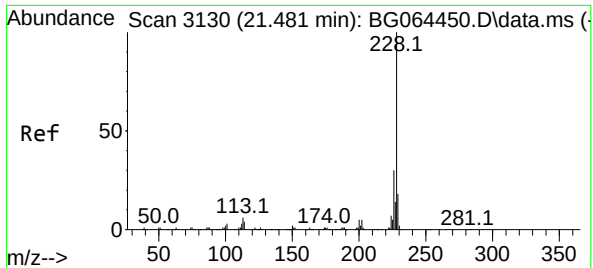
Tgt Ion:228 Resp: 444222
Ion Ratio Lower Upper
228 100
226 25.9 23.0 34.6
229 19.5 15.1 22.7



#82
3,3'-Dichlorobenzidine
Concen: 43.353 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:252 Resp: 153291
Ion Ratio Lower Upper
252 100
254 61.0 51.8 77.8
126 7.8 5.9 8.9

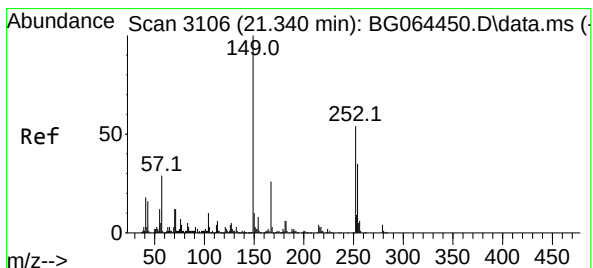
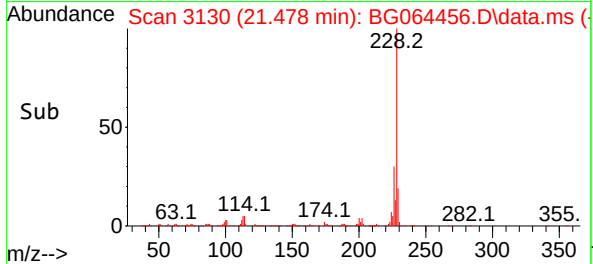
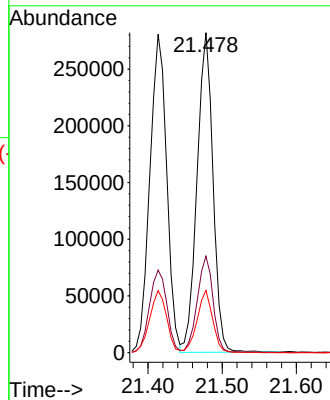
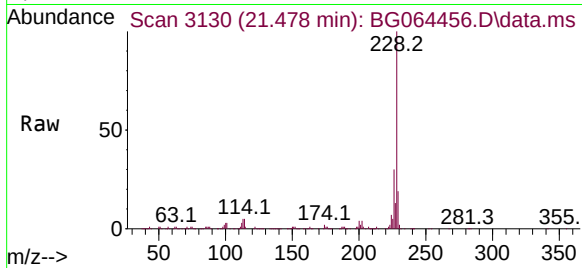




#83
Chrysene
Concen: 43.265 ng
RT: 21.478 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

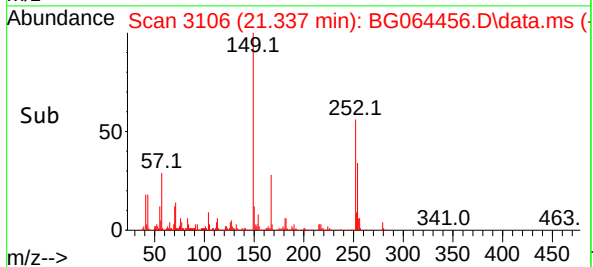
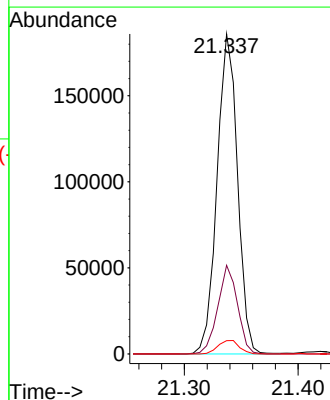
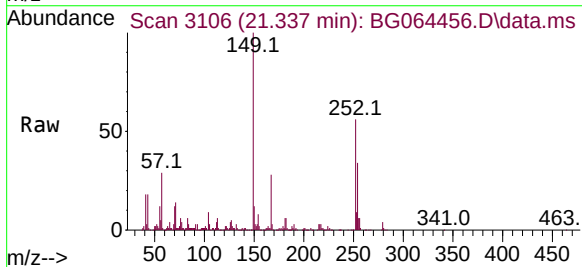
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

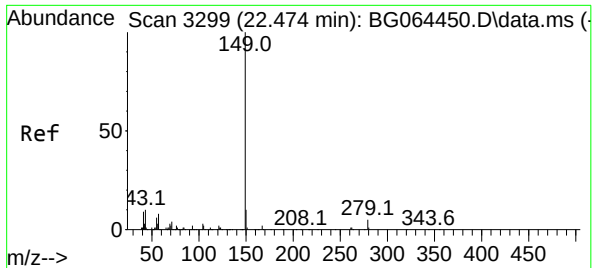
Tgt Ion:228 Resp: 421262
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 19.4 14.7 22.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.292 ng
RT: 21.337 min Scan# 3106
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:149 Resp: 232243
Ion Ratio Lower Upper
149 100
167 27.7 20.6 31.0
279 4.1 3.0 4.4

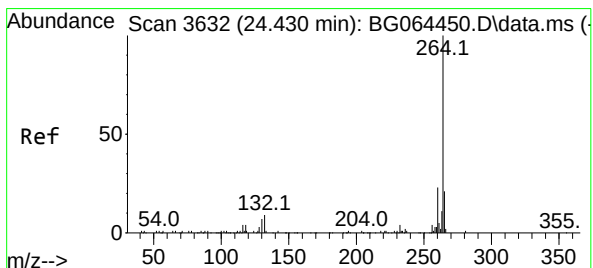
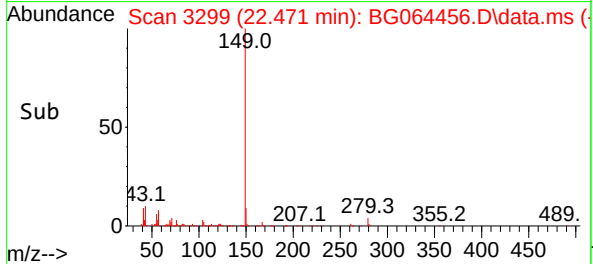
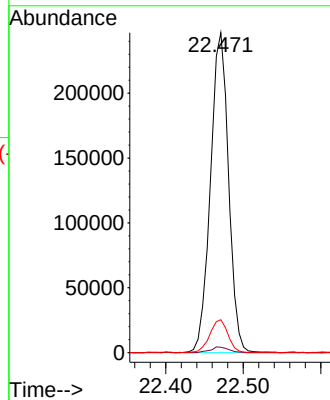
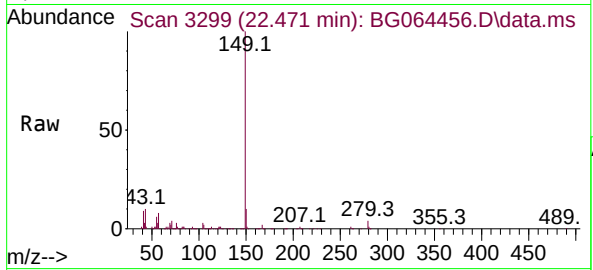




#85
Di-n-octyl phthalate
Concen: 43.849 ng
RT: 22.471 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

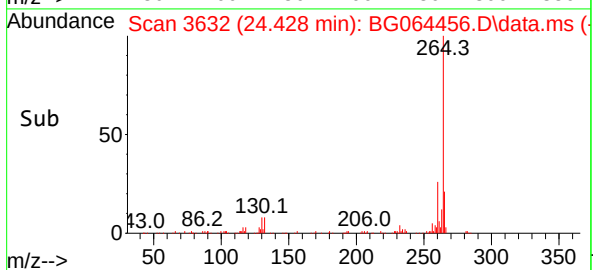
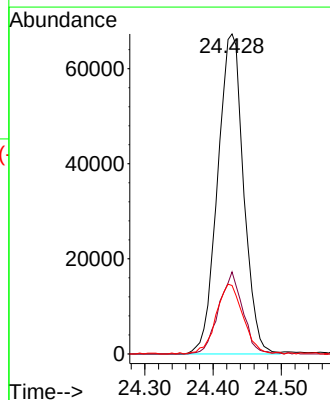
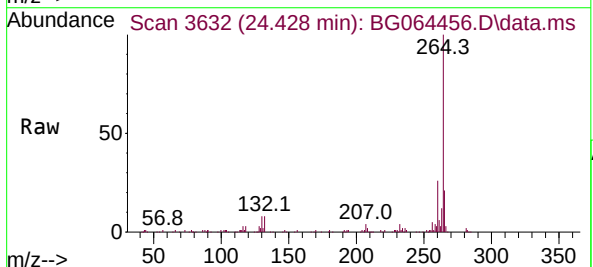
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

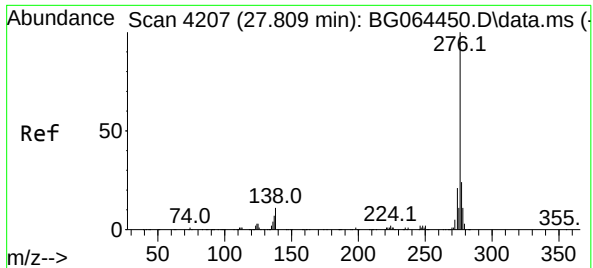
Tgt Ion:149 Resp: 399868
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.5 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.428 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:264 Resp: 177303
Ion Ratio Lower Upper
264 100
260 25.6 18.6 27.8
265 21.4 16.7 25.1

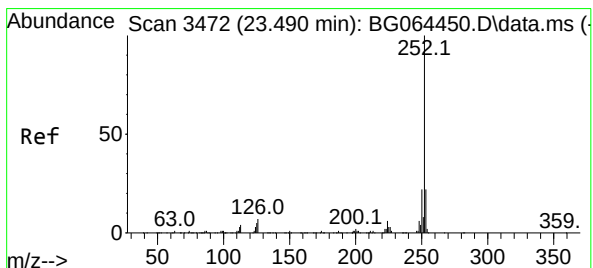
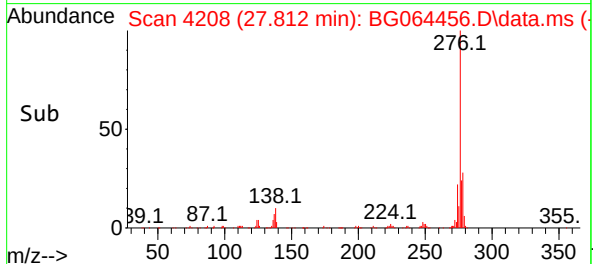
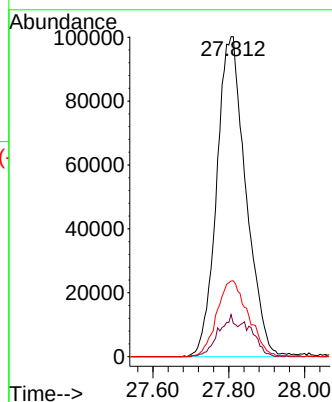
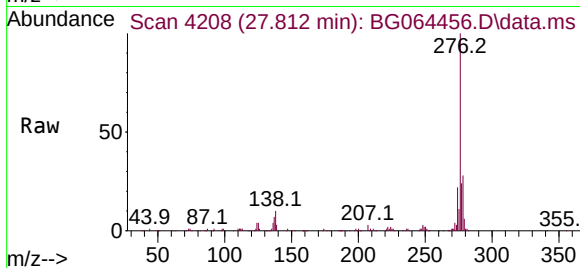




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.561 ng
 RT: 27.812 min Scan# 4207
 Delta R.T. 0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

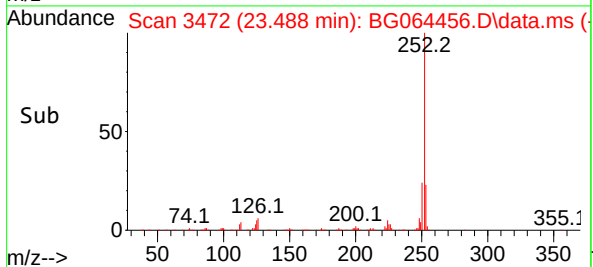
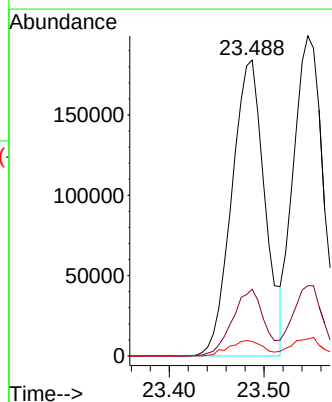
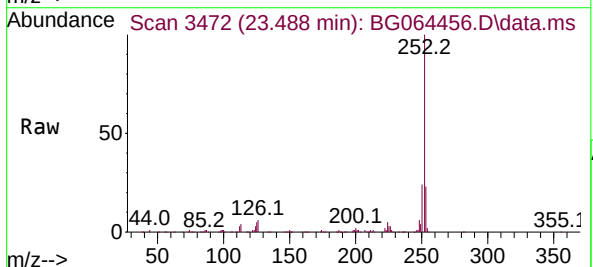
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

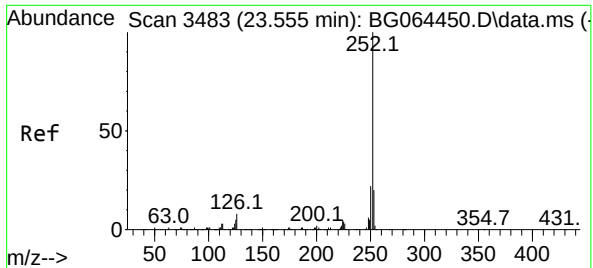
Tgt Ion:276 Resp: 533336
 Ion Ratio Lower Upper
 276 100
 138 8.1 10.3 15.5#
 277 25.6 19.2 28.8



#88
 Benzo(b)fluoranthene
 Concen: 43.919 ng
 RT: 23.488 min Scan# 3472
 Delta R.T. -0.003 min
 Lab File: BG064456.D
 Acq: 29 Sep 2025 12:21

Tgt Ion:252 Resp: 446395
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.3 25.9
 125 4.9 4.2 6.2

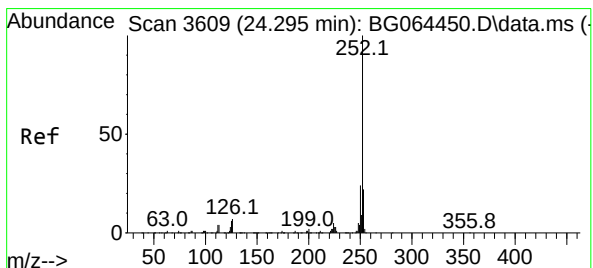
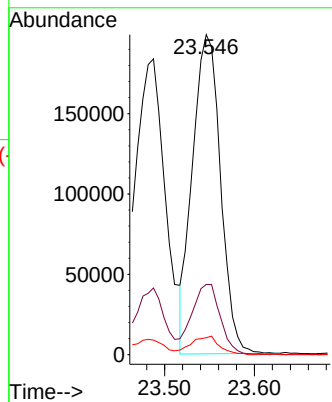
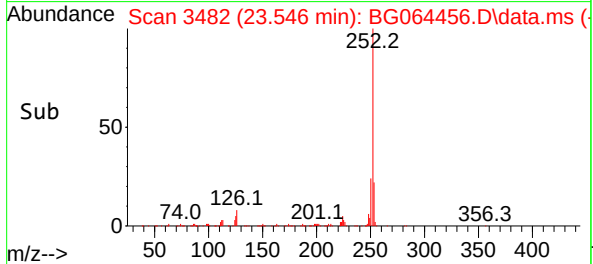
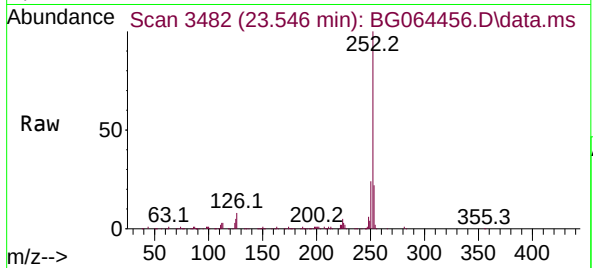




#89
Benzo(k)fluoranthene
Concen: 42.420 ng
RT: 23.546 min Scan# 3483
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

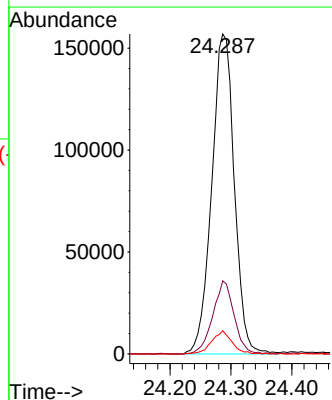
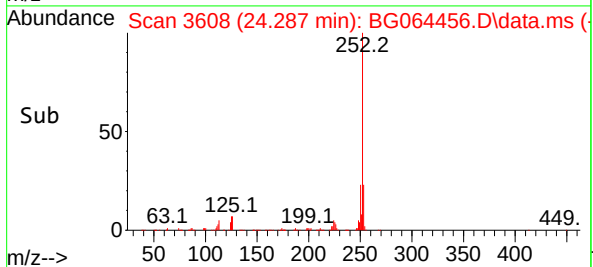
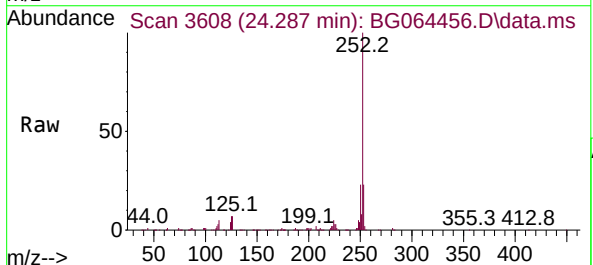
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

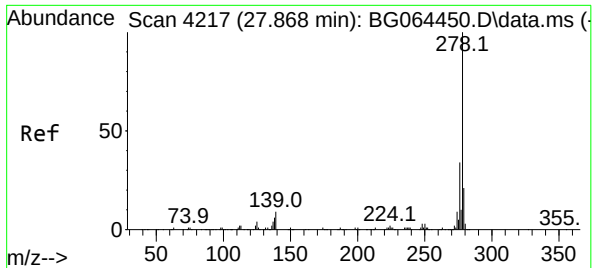
Tgt Ion:252 Resp: 431369
Ion Ratio Lower Upper
252 100
253 21.9 16.6 24.8
125 5.3 4.4 6.6



#90
Benzo(a)pyrene
Concen: 42.875 ng
RT: 24.287 min Scan# 3608
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:252 Resp: 403683
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 7.2 4.6 7.0#

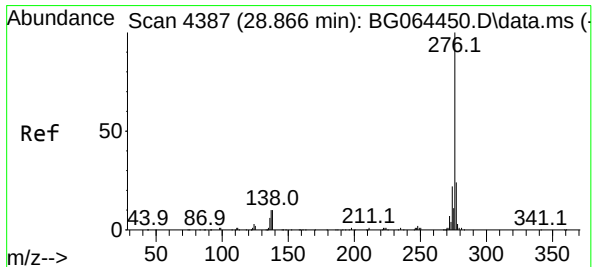
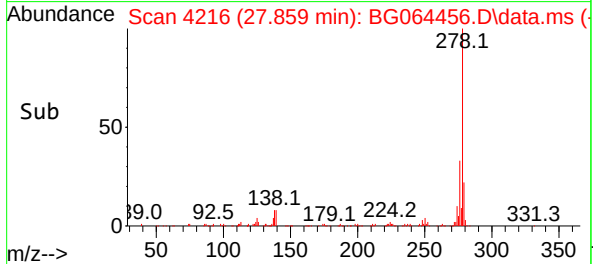
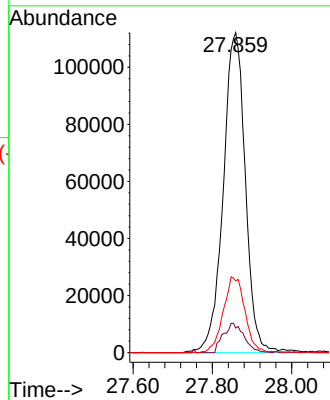
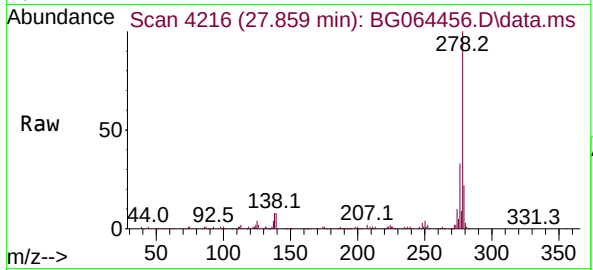




#91
Dibenzo(a,h)anthracene
Concen: 42.626 ng
RT: 27.859 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

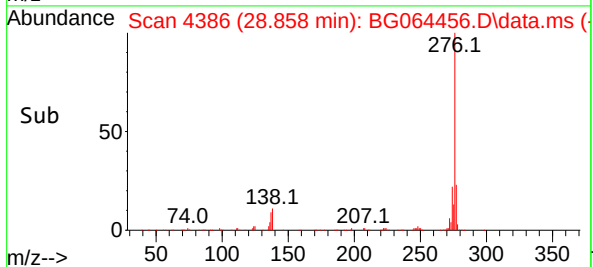
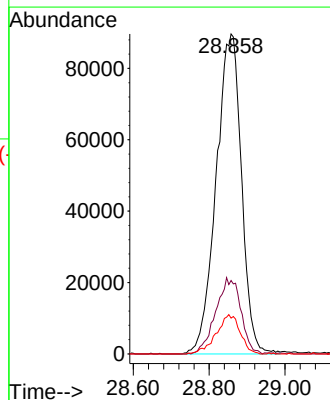
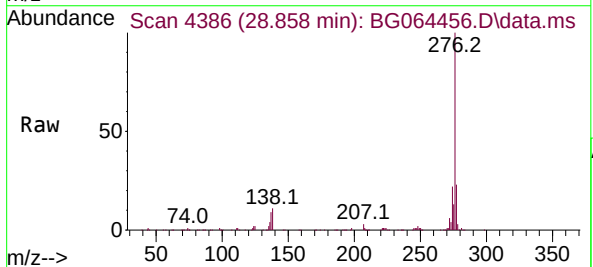
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 433024
Ion Ratio Lower Upper
278 100
139 7.7 6.9 10.3
279 22.4 17.2 25.8



#92
Benzo(g,h,i)perylene
Concen: 42.584 ng
RT: 28.858 min Scan# 4386
Delta R.T. -0.009 min
Lab File: BG064456.D
Acq: 29 Sep 2025 12:21

Tgt Ion:276 Resp: 415465
Ion Ratio Lower Upper
276 100
277 22.9 19.3 28.9
138 11.2 8.2 12.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
2	1,4-Dioxane	0.439	0.525	-19.6	116	0.00
3	Pyridine	1.184	1.441	-21.7	113	0.00
4	n-Nitrosodimethylamine	0.904	1.017	-12.5	110	0.00
5 S	2-Fluorophenol	1.047	1.135	-8.4	102	0.00
6	Aniline	1.857	1.961	-5.6	96	0.00
7 S	Phenol-d6	1.434	1.572	-9.6	100	0.00
8	2-Chlorophenol	1.309	1.409	-7.6	97	0.00
9	Benzaldehyde	1.220	0.713	41.6#	47#	0.00
10 C	Phenol	1.552	1.662	-7.1	99	0.00
11	bis(2-Chloroethyl)ether	1.042	1.110	-6.5	97	0.00
12	1,3-Dichlorobenzene	1.468	1.562	-6.4	101	0.00
13 C	1,4-Dichlorobenzene	1.499	1.566	-4.5	96	0.00
14	1,2-Dichlorobenzene	1.421	1.469	-3.4	95	0.00
15	Benzyl Alcohol	1.351	1.425	-5.5	98	0.00
16	2,2'-oxybis(1-Chloropropane	1.818	1.902	-4.6	98	0.00
17	2-Methylphenol	1.122	1.202	-7.1	98	0.00
18	Hexachloroethane	0.566	0.646	-14.1	106	0.00
19 P	n-Nitroso-di-n-propylamine	0.969	1.078	-11.2	101	0.00
20	3+4-Methylphenols	1.577	1.670	-5.9	100	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	100	0.00
22	Acetophenone	0.479	0.531	-10.9	100	0.00
23 S	Nitrobenzene-d5	0.369	0.396	-7.3	96	0.00
24	Nitrobenzene	0.360	0.402	-11.7	99	0.00
25	Isophorone	0.683	0.726	-6.3	99	0.00
26 C	2-Nitrophenol	0.177	0.200	-13.0	103	0.00
27	2,4-Dimethylphenol	0.286	0.303	-5.9	95	0.00
28	bis(2-Chloroethoxy)methane	0.353	0.373	-5.7	98	0.00
29 C	2,4-Dichlorophenol	0.329	0.347	-5.5	94	0.00
30	1,2,4-Trichlorobenzene	0.352	0.383	-8.8	99	0.00
31	Naphthalene	1.044	1.123	-7.6	100	0.00
32	Benzoic acid	0.222	0.236	-6.3	99	0.00
33	4-Chloroaniline	0.382	0.435	-13.9	101	0.00
34 C	Hexachlorobutadiene	0.300	0.320	-6.7	96	0.00
35	Caprolactam	0.109	0.127	-16.5	110	0.00
36 C	4-Chloro-3-methylphenol	0.390	0.427	-9.5	101	0.00
37	2-Methylnaphthalene	0.788	0.830	-5.3	97	0.00
38	1-Methylnaphthalene	0.775	0.866	-11.7	104	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00
40	1,2,4,5-Tetrachlorobenzene	0.637	0.654	-2.7	105	0.00
41 P	Hexachlorocyclopentadiene	0.339	0.354	-4.4	109	0.00
42 S	2,4,6-Tribromophenol	0.349	0.344	1.4	104	0.00
43 C	2,4,6-Trichlorophenol	0.416	0.424	-1.9	106	0.00
44	2,4,5-Trichlorophenol	0.454	0.474	-4.4	110	0.00
45 S	2-Fluorobiphenyl	1.354	1.348	0.4	106	0.00
46	1,1'-Biphenyl	1.423	1.438	-1.1	107	0.00
47	2-Chloronaphthalene	1.081	1.133	-4.8	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	0.372	0.403	-8.3	112	0.00
49	Acenaphthylene	1.605	1.623	-1.1	106	0.00
50	Dimethylphthalate	1.528	1.604	-5.0	112	0.00
51	2,6-Dinitrotoluene	0.321	0.341	-6.2	109	0.00
52 C	Acenaphthene	1.099	1.139	-3.6	107	0.00
53	3-Nitroaniline	0.304	0.342	-12.5	113	0.00
54 P	2,4-Dinitrophenol	0.213	0.219	-2.8	109	0.00
55	Dibenzofuran	1.821	1.863	-2.3	110	0.00
56 P	4-Nitrophenol	0.246	0.283	-15.0	119	0.00
57	2,4-Dinitrotoluene	0.490	0.532	-8.6	114	0.00
58	Fluorene	1.504	1.430	4.9	99	0.00
59	2,3,4,6-Tetrachlorophenol	0.452	0.486	-7.5	108	0.00
60	Diethylphthalate	1.646	1.744	-6.0	110	0.00
61	4-Chlorophenyl-phenylether	0.821	0.760	7.4	96	0.00
62	4-Nitroaniline	0.326	0.358	-9.8	111	0.00
63	Azobenzene	1.288	1.255	2.6	101	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.137	0.150	-9.5	105	0.00
66 c	n-Nitrosodiphenylamine	0.534	0.532	0.4	99	0.00
67	4-Bromophenyl-phenylether	0.234	0.239	-2.1	99	0.00
68	Hexachlorobenzene	0.267	0.273	-2.2	101	0.00
69	Atrazine	0.242	0.258	-6.6	105	0.00
70 C	Pentachlorophenol	0.161	0.180	-11.8	107	0.00
71	Phenanthrene	1.040	1.086	-4.4	102	0.00
72	Anthracene	1.059	1.106	-4.4	104	0.00
73	Carbazole	0.929	1.024	-10.2	106	0.00
74	Di-n-butylphthalate	1.136	1.373	-20.9	118	0.00
75 C	Fluoranthene	1.313	1.574	-19.9	117	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benزيدine	0.524	0.437	16.6	72	0.00
78	Pyrene	1.241	1.341	-8.1	116	0.00
79 S	Terphenyl-d14	1.015	1.107	-9.1	117	0.00
80	Butylbenzylphthalate	0.464	0.507	-9.3	117	0.00
81	Benzo(a)anthracene	1.281	1.383	-8.0	117	0.00
82	3,3'-Dichlorobenzidine	0.440	0.477	-8.4	116	0.00
83	Chrysene	1.213	1.312	-8.2	119	0.00
84	Bis(2-ethylhexyl)phthalate	0.668	0.723	-8.2	117	0.00
85 c	Di-n-octyl phthalate	1.136	1.245	-9.6	118	0.00
86 I	Perylene-d12	1.000	1.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	1.414	1.504	-6.4	118	0.00
88	Benzo(b)fluoranthene	1.147	1.259	-9.8	120	0.00
89	Benzo(k)fluoranthene	1.147	1.216	-6.0	117	0.00
90 C	Benzo(a)pyrene	1.062	1.138	-7.2	118	0.00
91	Dibenzo(a,h)anthracene	1.146	1.221	-6.5	118	0.00
92	Benzo(g,h,i)perylene	1.101	1.172	-6.4	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064456.D
Acq On : 29 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	101	0.00
2	1,4-Dioxane	40.000	47.852	-19.6	116	0.00
3	Pyridine	40.000	48.677	-21.7	113	0.00
4	n-Nitrosodimethylamine	40.000	44.987	-12.5	110	0.00
5 S	2-Fluorophenol	80.000	86.733	-8.4	102	0.00
6	Aniline	40.000	42.257	-5.6	96	0.00
7 S	Phenol-d6	80.000	87.695	-9.6	100	0.00
8	2-Chlorophenol	40.000	43.051	-7.6	97	0.00
9	Benzaldehyde	40.000	23.373	41.6#	47	0.00
10 C	Phenol	40.000	42.813	-7.0	99	0.00
11	bis(2-Chloroethyl)ether	40.000	42.597	-6.5	97	0.00
12	1,3-Dichlorobenzene	40.000	42.581	-6.5	101	0.00
13 C	1,4-Dichlorobenzene	40.000	41.768	-4.4	96	0.00
14	1,2-Dichlorobenzene	40.000	41.354	-3.4	95	0.00
15	Benzyl Alcohol	40.000	42.192	-5.5	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.851	-4.6	98	0.00
17	2-Methylphenol	40.000	42.853	-7.1	98	0.00
18	Hexachloroethane	40.000	45.654	-14.1	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	44.473	-11.2	101	0.00
20	3+4-Methylphenols	40.000	42.361	-5.9	100	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	100	0.00
22	Acetophenone	40.000	44.392	-11.0	100	0.00
23 S	Nitrobenzene-d5	80.000	85.838	-7.3	96	0.00
24	Nitrobenzene	40.000	44.623	-11.6	99	0.00
25	Isophorone	40.000	42.550	-6.4	99	0.00
26 C	2-Nitrophenol	40.000	45.074	-12.7	103	0.00
27	2,4-Dimethylphenol	40.000	42.357	-5.9	95	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.292	-5.7	98	0.00
29 C	2,4-Dichlorophenol	40.000	42.142	-5.4	94	0.00
30	1,2,4-Trichlorobenzene	40.000	43.491	-8.7	99	0.00
31	Naphthalene	40.000	43.030	-7.6	100	0.00
32	Benzoic acid	40.000	42.614	-6.5	99	0.00
33	4-Chloroaniline	40.000	45.529	-13.8	101	0.00
34 C	Hexachlorobutadiene	40.000	42.626	-6.6	96	0.00
35	Caprolactam	40.000	46.922	-17.3	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.760	-9.4	101	0.00
37	2-Methylnaphthalene	40.000	42.134	-5.3	97	0.00
38	1-Methylnaphthalene	40.000	44.732	-11.8	104	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	113	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.046	-2.6	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	41.816	-4.5	109	0.00
42 S	2,4,6-Tribromophenol	80.000	78.919	1.4	104	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.790	-2.0	106	0.00
44	2,4,5-Trichlorophenol	40.000	41.775	-4.4	110	0.00
45 S	2-Fluorobiphenyl	80.000	79.615	0.5	106	0.00
46	1,1'-Biphenyl	40.000	40.426	-1.1	107	0.00
47	2-Chloronaphthalene	40.000	41.900	-4.7	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064456.D
 Acq On : 29 Sep 2025 12:21
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 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	43.353	-8.4	112	0.00
49	Acenaphthylene	40.000	40.437	-1.1	106	0.00
50	Dimethylphthalate	40.000	42.003	-5.0	112	0.00
51	2,6-Dinitrotoluene	40.000	42.530	-6.3	109	0.00
52 C	Acenaphthene	40.000	41.467	-3.7	107	0.00
53	3-Nitroaniline	40.000	45.046	-12.6	113	0.00
54 P	2,4-Dinitrophenol	40.000	41.076	-2.7	109	0.00
55	Dibenzofuran	40.000	40.911	-2.3	110	0.00
56 P	4-Nitrophenol	40.000	46.002	-15.0	119	0.00
57	2,4-Dinitrotoluene	40.000	43.471	-8.7	114	0.00
58	Fluorene	40.000	38.029	4.9	99	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.944	-7.4	108	0.00
60	Diethylphthalate	40.000	42.370	-5.9	110	0.00
61	4-Chlorophenyl-phenylether	40.000	37.031	7.4	96	0.00
62	4-Nitroaniline	40.000	43.968	-9.9	111	0.00
63	Azobenzene	40.000	38.978	2.6	101	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.897	-9.7	105	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.880	0.3	99	0.00
67	4-Bromophenyl-phenylether	40.000	40.789	-2.0	99	0.00
68	Hexachlorobenzene	40.000	40.927	-2.3	101	0.00
69	Atrazine	40.000	42.599	-6.5	105	0.00
70 C	Pentachlorophenol	40.000	44.642	-11.6	107	0.00
71	Phenanthrene	40.000	41.784	-4.5	102	0.00
72	Anthracene	40.000	41.805	-4.5	104	0.00
73	Carbazole	40.000	44.098	-10.2	106	0.00
74	Di-n-butylphthalate	40.000	48.342	-20.9	118	0.00
75 C	Fluoranthene	40.000	47.968	-19.9	117	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzidine	40.000	33.383	16.5	72	0.00
78	Pyrene	40.000	43.222	-8.1	116	0.00
79 S	Terphenyl-d14	80.000	87.296	-9.1	117	0.00
80	Butylbenzylphthalate	40.000	43.733	-9.3	117	0.00
81	Benzo(a)anthracene	40.000	43.207	-8.0	117	0.00
82	3,3'-Dichlorobenzidine	40.000	43.353	-8.4	116	0.00
83	Chrysene	40.000	43.265	-8.2	119	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.292	-8.2	117	0.00
85 c	Di-n-octyl phthalate	40.000	43.849	-9.6	118	0.00
86 I	Perylene-d12	20.000	20.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.561	-6.4	118	0.00
88	Benzo(b)fluoranthene	40.000	43.919	-9.8	120	0.00
89	Benzo(k)fluoranthene	40.000	42.420	-6.1	117	0.00
90 C	Benzo(a)pyrene	40.000	42.875	-7.2	118	0.00
91	Dibenzo(a,h)anthracene	40.000	42.626	-6.6	118	0.00
92	Benzo(g,h,i)perylene	40.000	42.584	-6.5	120	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064456.D
Acq On : 29 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Sep 29 18:10:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



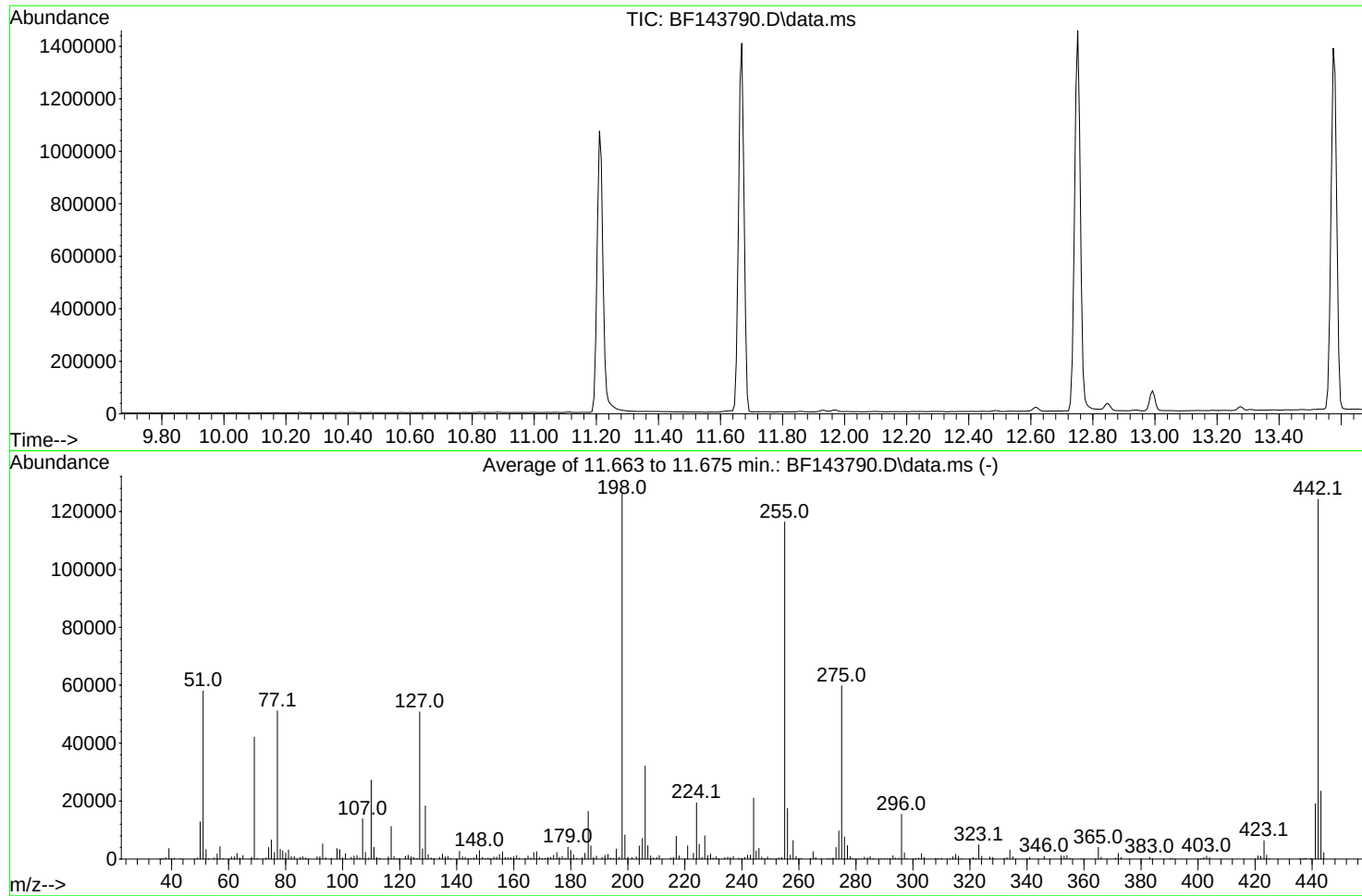
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025



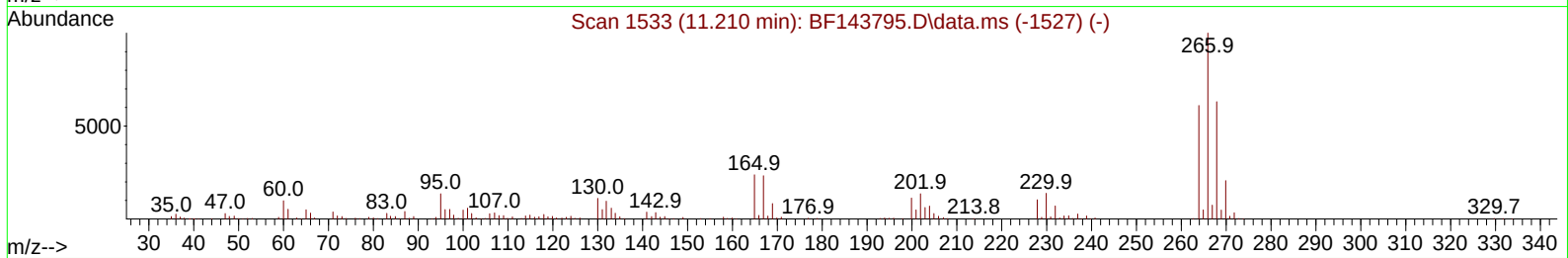
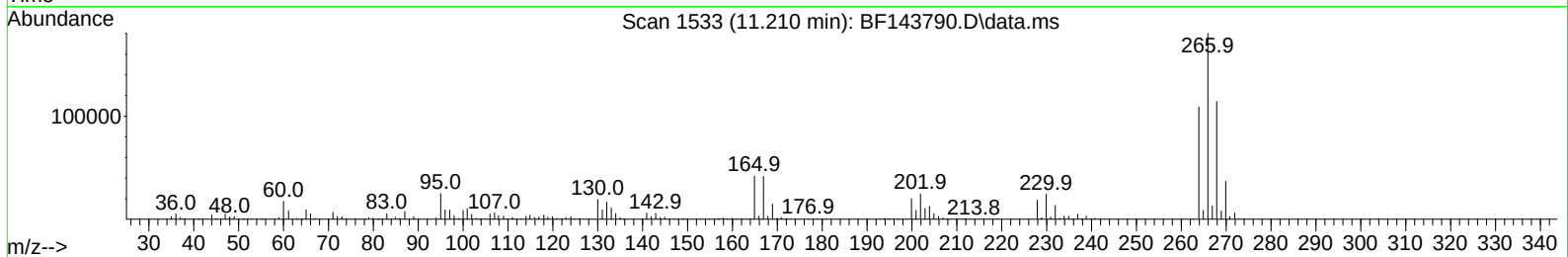
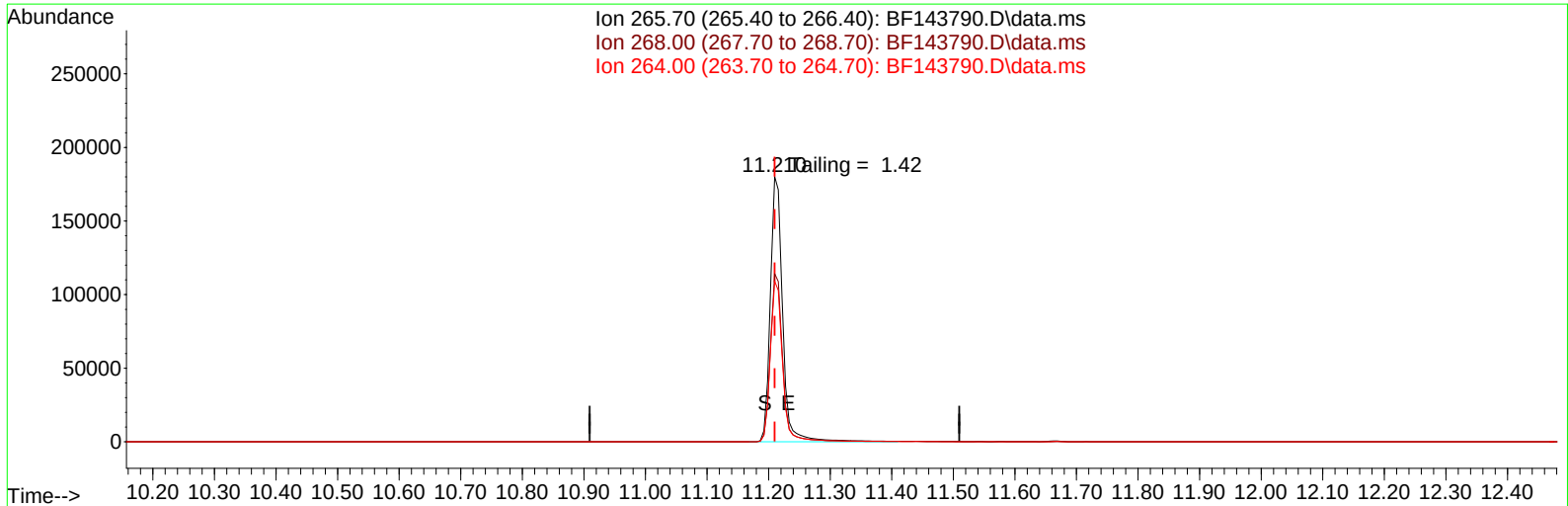
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	670	PASS
69	69	100	100	100.0	42104	PASS
70	69	0.00	2	0.6	252	PASS
197	198	0.00	2	0.4	514	PASS
198	198	100	100	100.0	126099	PASS
199	198	5	9	6.6	8311	PASS
365	198	1	100	3.2	4006	PASS
441	443	0.01	150	81.4	19061	PASS
442	442	100	100	100.0	124205	PASS
443	442	15	24	18.9	23416	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration



TIC: BF143790.D\data.ms

(70) Pentachlorophenol (C)

11.210min (+ 0.000) 32047.58 ng

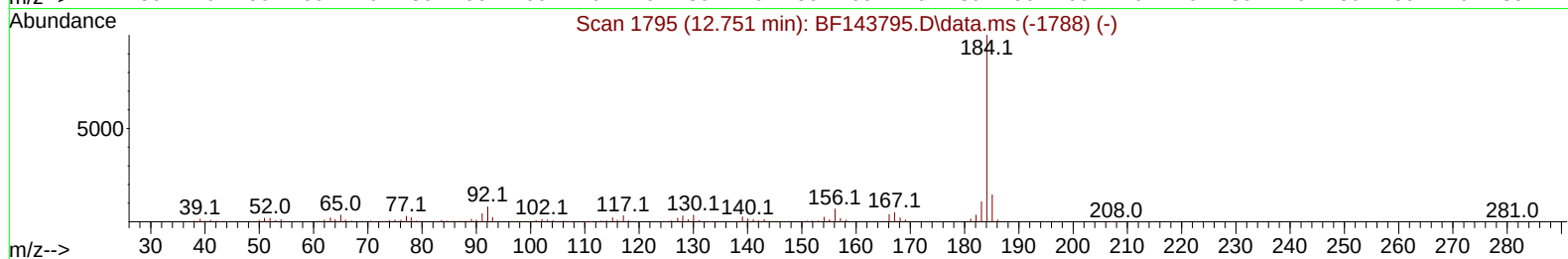
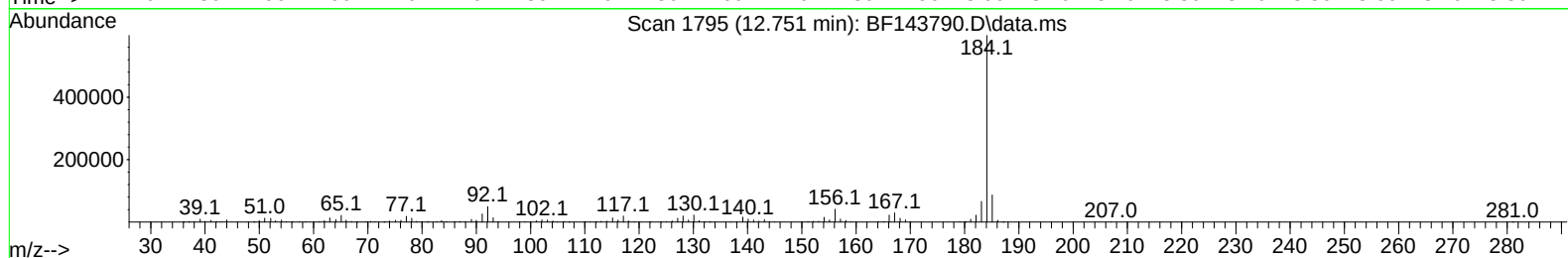
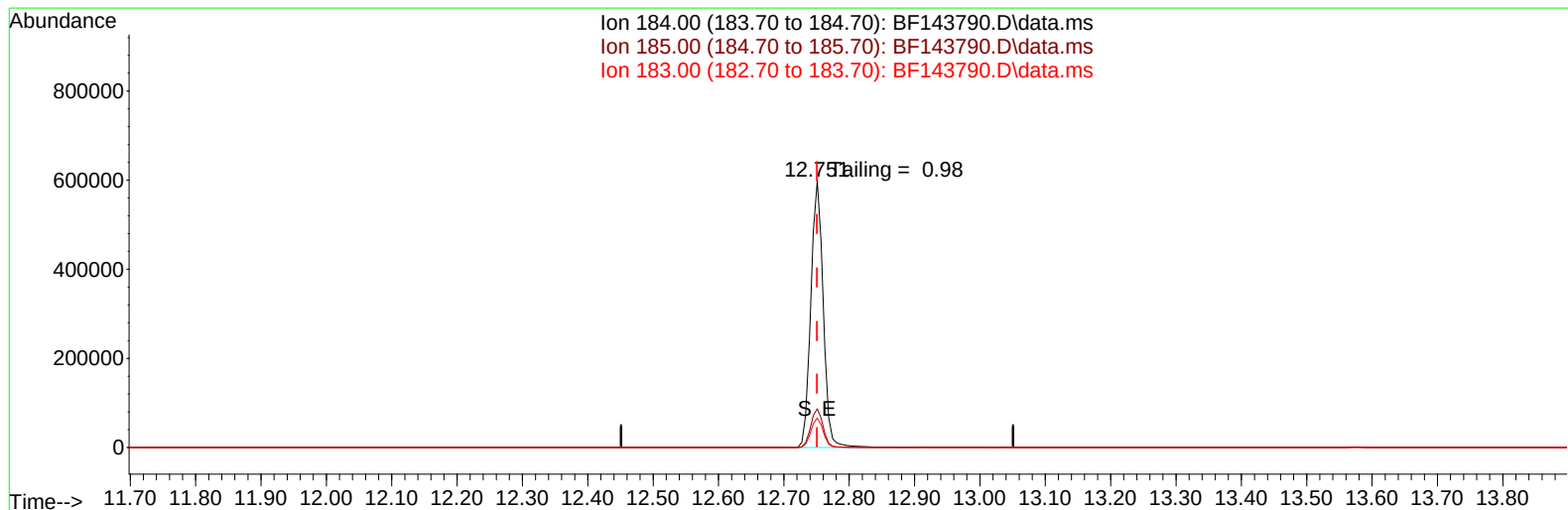
response 252838

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.36
264.00	61.00	60.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration



TIC: BF143790.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 22811.55 ng

response 789331

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.56
183.00	10.80	11.07
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2025	BNA_F	<u>BF143790.D</u>
Compound Name	Response	Retention Time
DDT	356414	13.574
DDD	5539	13.274
DDE	649	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6188	362602	1.71

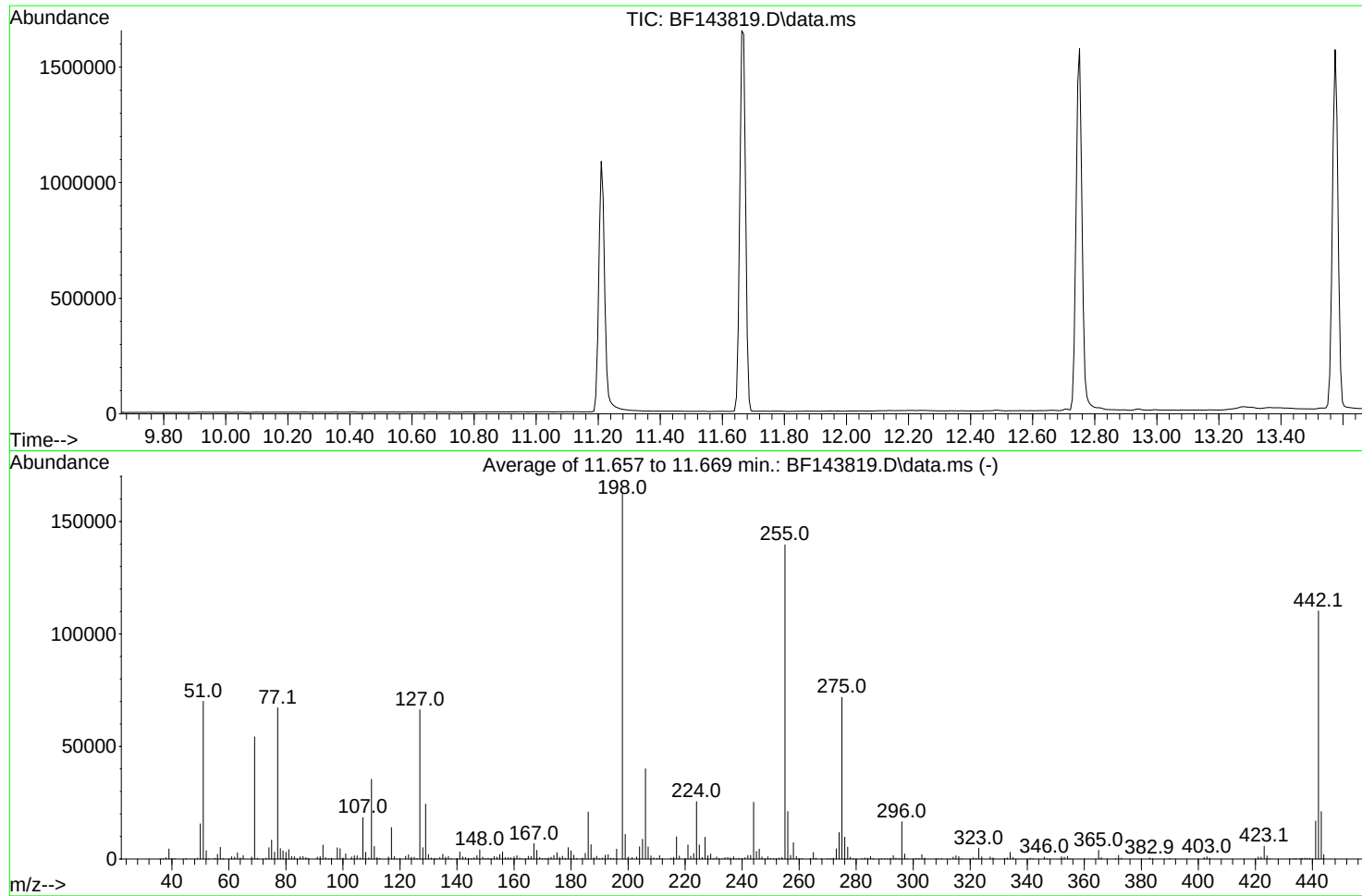
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143819.D
Acq On : 29 Sep 2025 10:40
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-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025



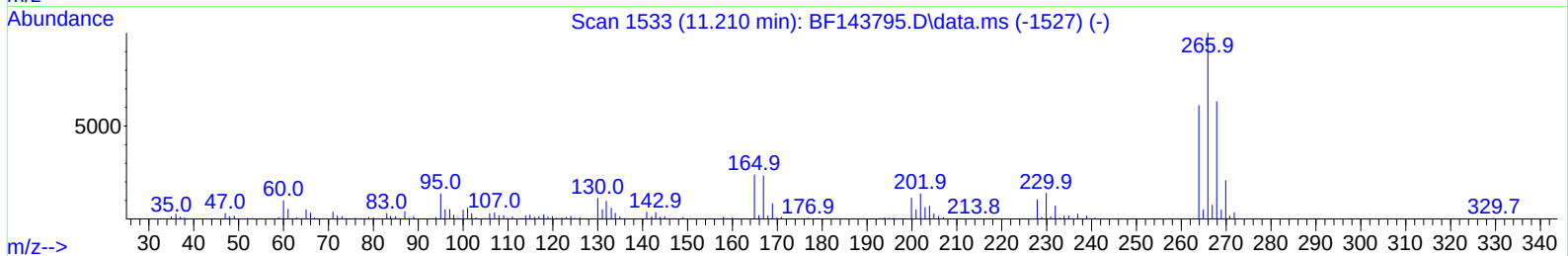
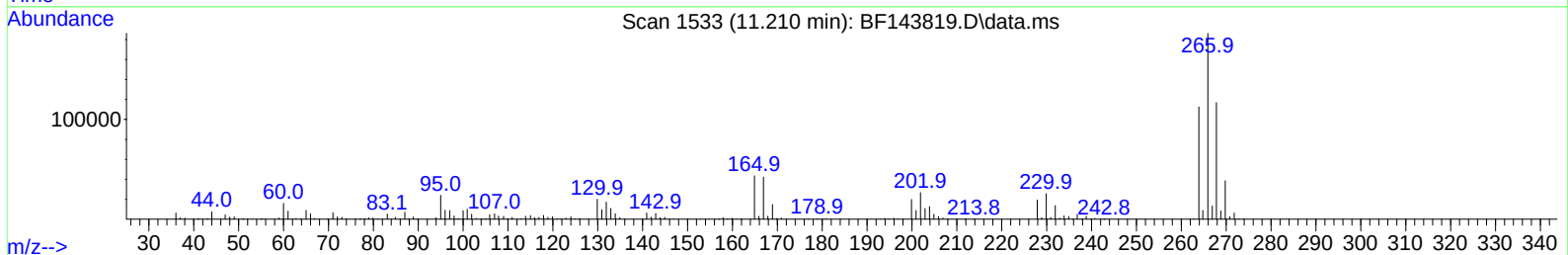
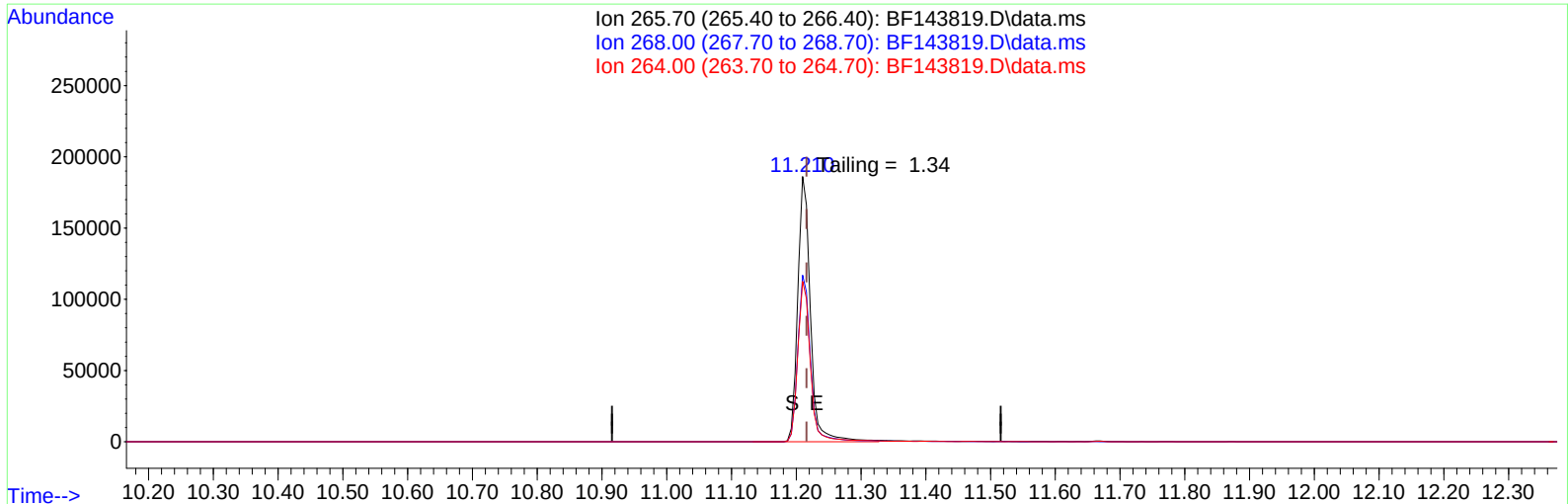
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	883	PASS
69	69	100	100	100.0	54331	PASS
70	69	0.00	2	0.5	287	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	162325	PASS
199	198	5	9	6.7	10944	PASS
365	198	1	100	2.4	3827	PASS
441	443	0.01	150	80.1	16905	PASS
442	442	100	100	100.0	110304	PASS
443	442	15	24	19.1	21109	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143819.D
Acq On : 29 Sep 2025 10:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 29 11:22:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



TIC: BF143819.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.006) 28093.51 ng

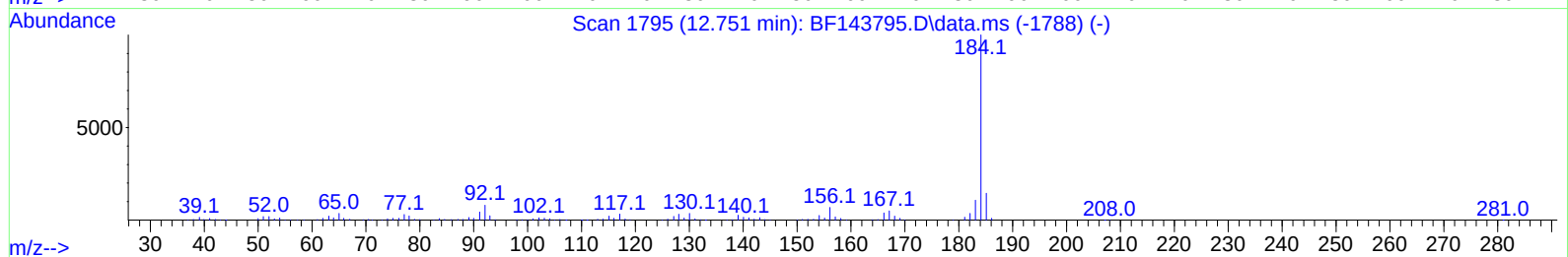
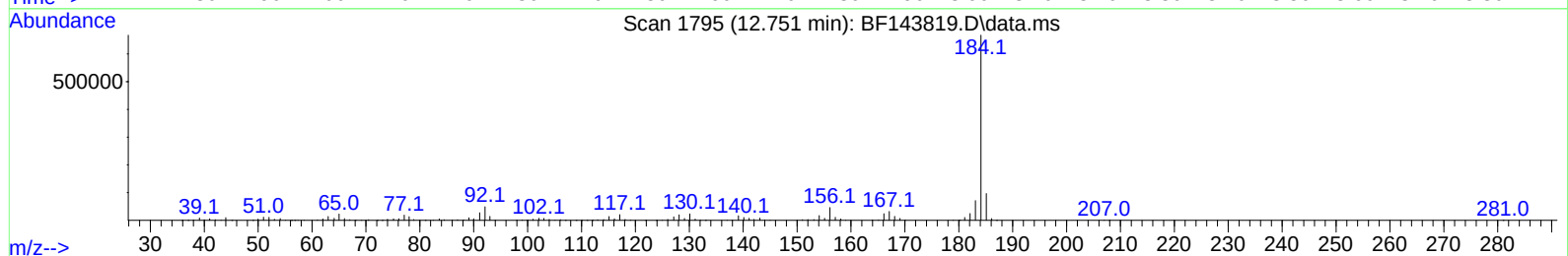
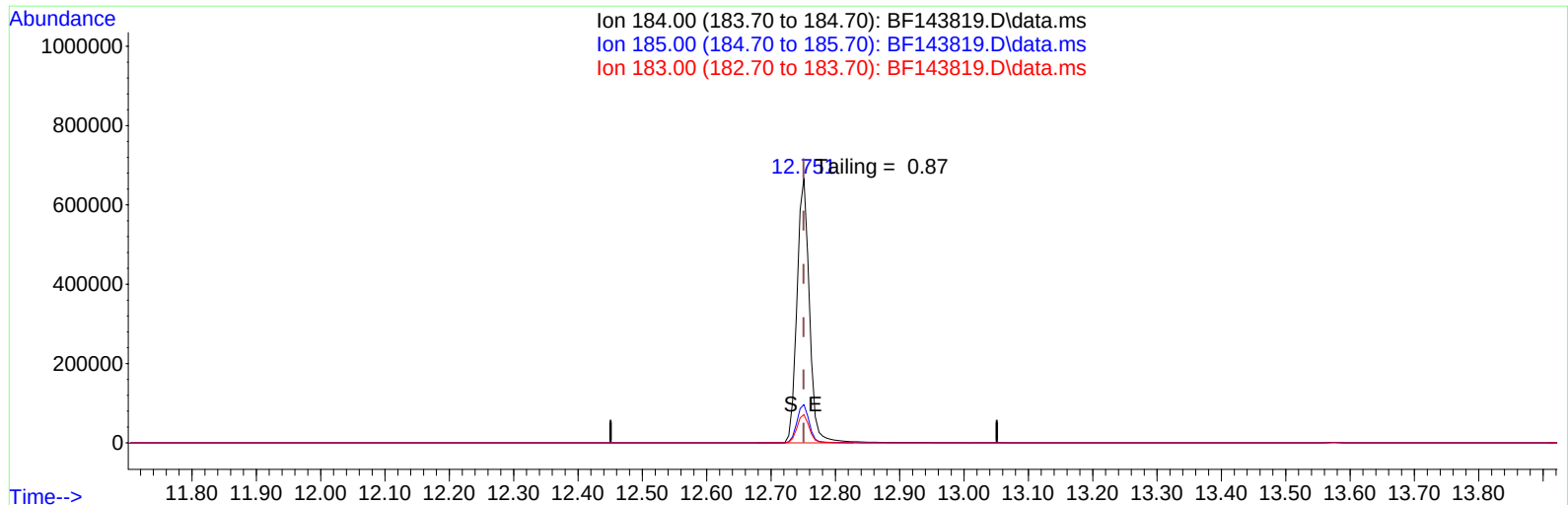
response 254856

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	62.78
264.00	61.00	60.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143819.D
Acq On : 29 Sep 2025 10:40
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 29 11:22:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



TIC: BF143819.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 0.00 ng

response 903640

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.52
183.00	10.80	10.70
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/29/2025	BNA_F	<u>BF143819.D</u>
Compound Name	Response	Retention Time
DDT	376595	13.574
DDD	3571	13.274
DDE	1951	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5522	382117	1.45

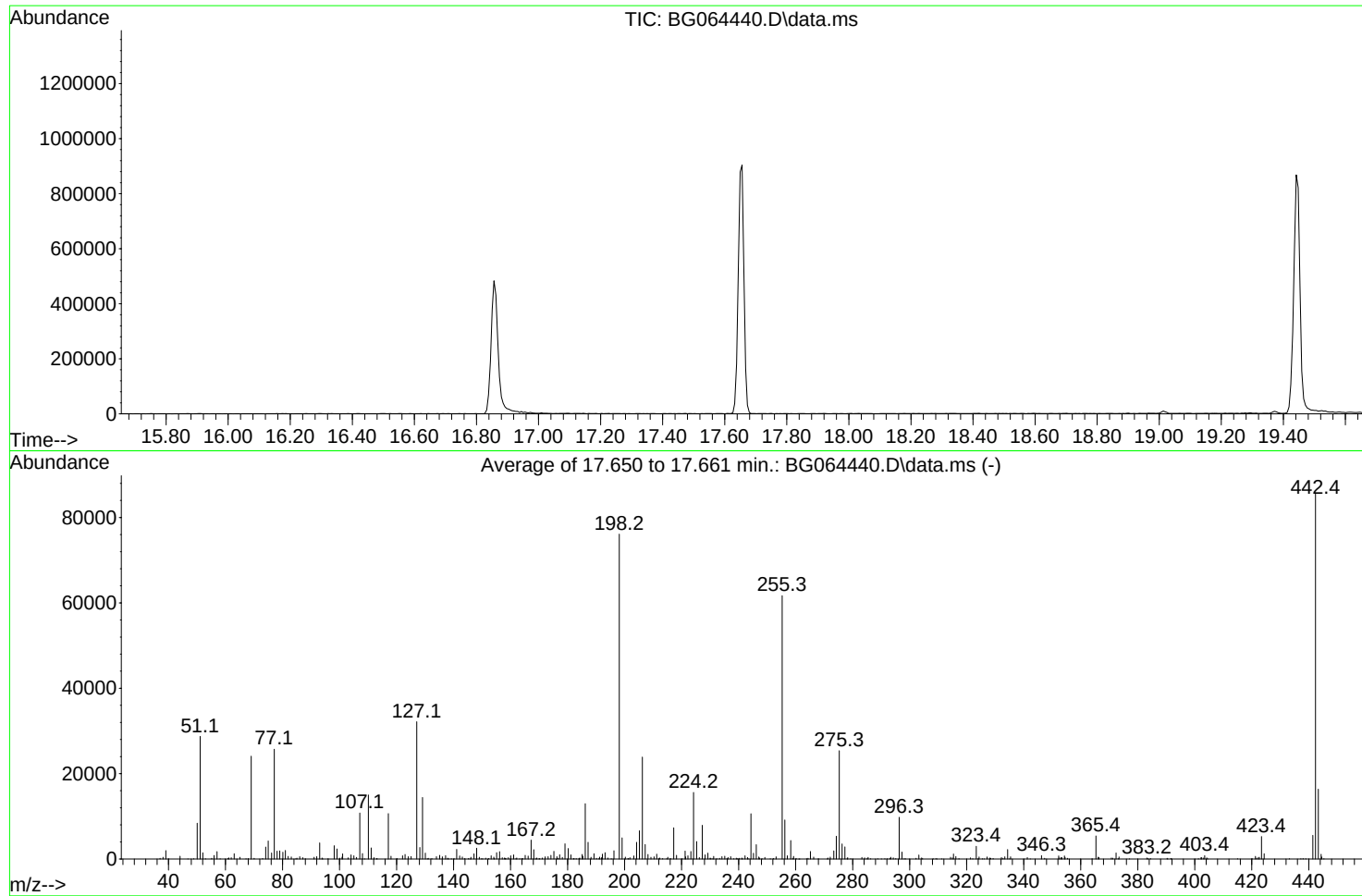
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064440.D
Acq On : 25 Sep 2025 11:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Sep 29 18:04:12 2025



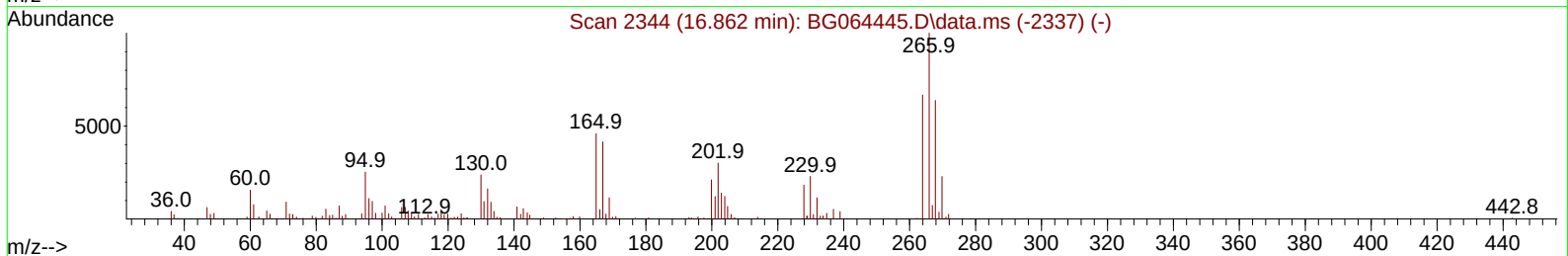
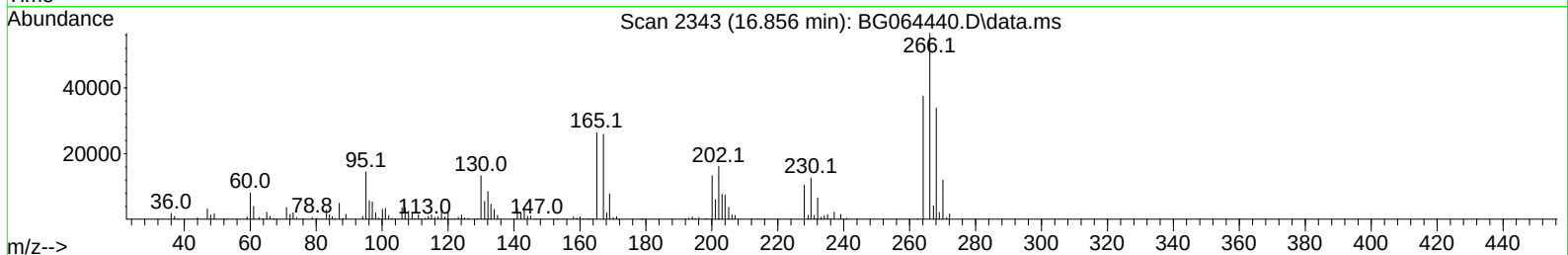
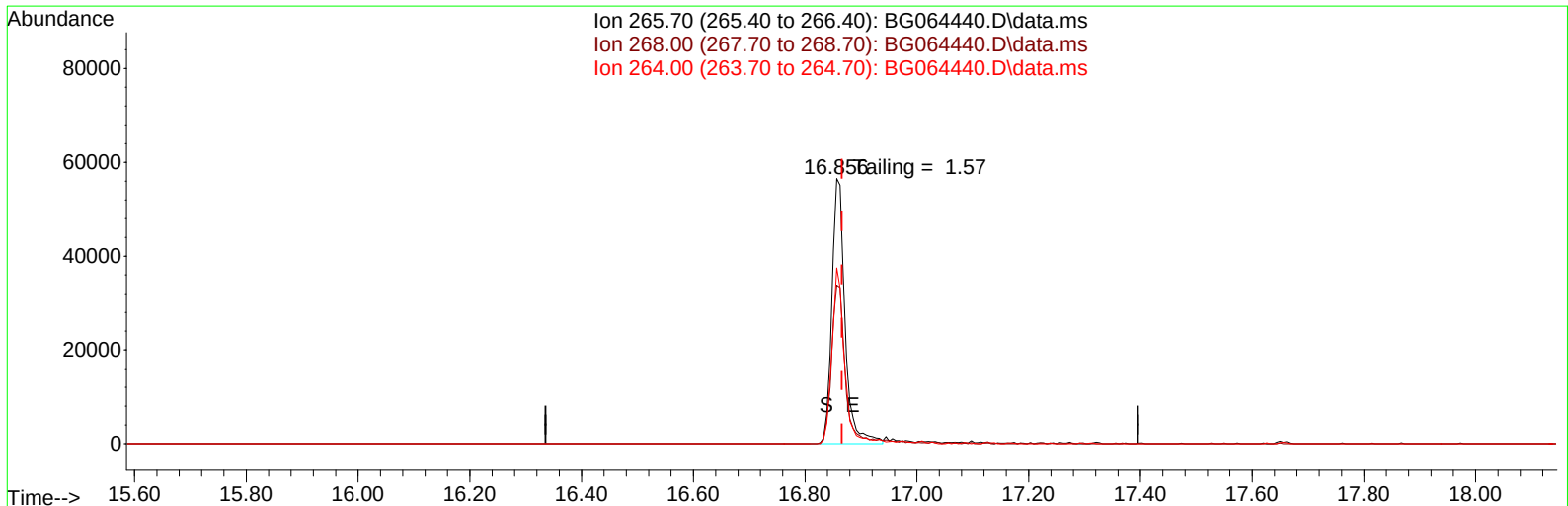
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.4	96	PASS
69	69	100	100	100.0	24100	PASS
70	69	0.00	2	0.8	182	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	76131	PASS
199	198	5	9	6.5	4946	PASS
365	198	1	100	7.1	5416	PASS
441	443	0.01	150	34.0	5552	PASS
442	442	100	100	100.0	85525	PASS
443	442	15	24	19.1	16349	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064440.D
Acq On : 25 Sep 2025 11:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 25 18:46:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 25 17:35:42 2025
Response via : Initial Calibration



TIC: BG064440.D\data.ms

(70) Pentachlorophenol (C)

16.856min (-0.009) 185440.68 ng

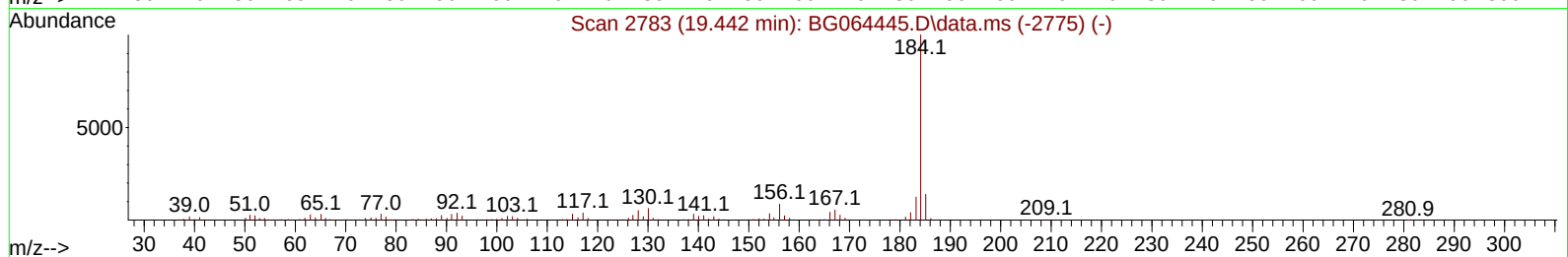
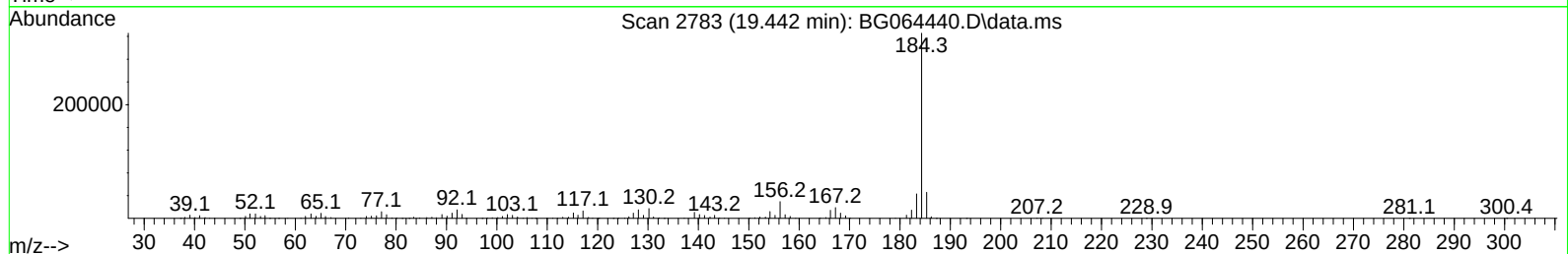
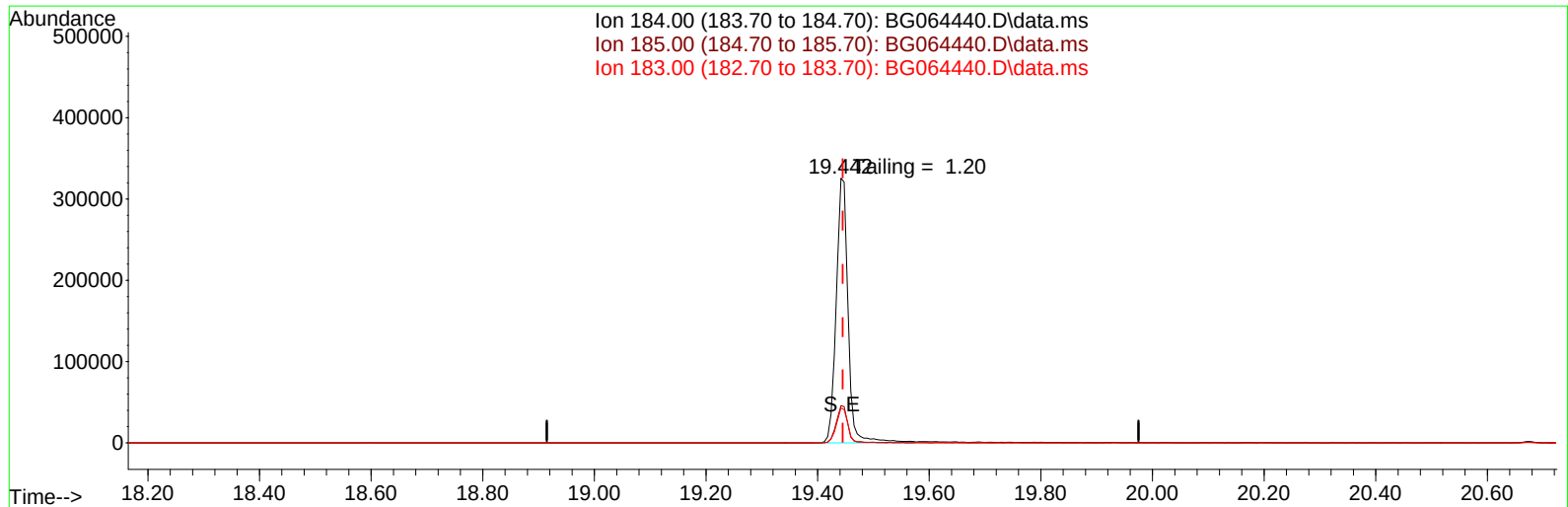
response 92957

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	59.83
264.00	66.70	66.31
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064440.D
Acq On : 25 Sep 2025 11:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 25 18:46:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 25 17:35:42 2025
Response via : Initial Calibration



TIC: BG064440.D\data.ms

(77) Benzidine**19.442min (-0.003) 322131.38 ng****response 481159**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.90	14.07
183.00	12.30	13.25
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/25/2025	BNA_G	<u>BG064440.D</u>
Compound Name	Response	Retention Time
DDT	305253	20.676
DDD	3808	20.241
DDE	194	19.724
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4002	309255	1.29

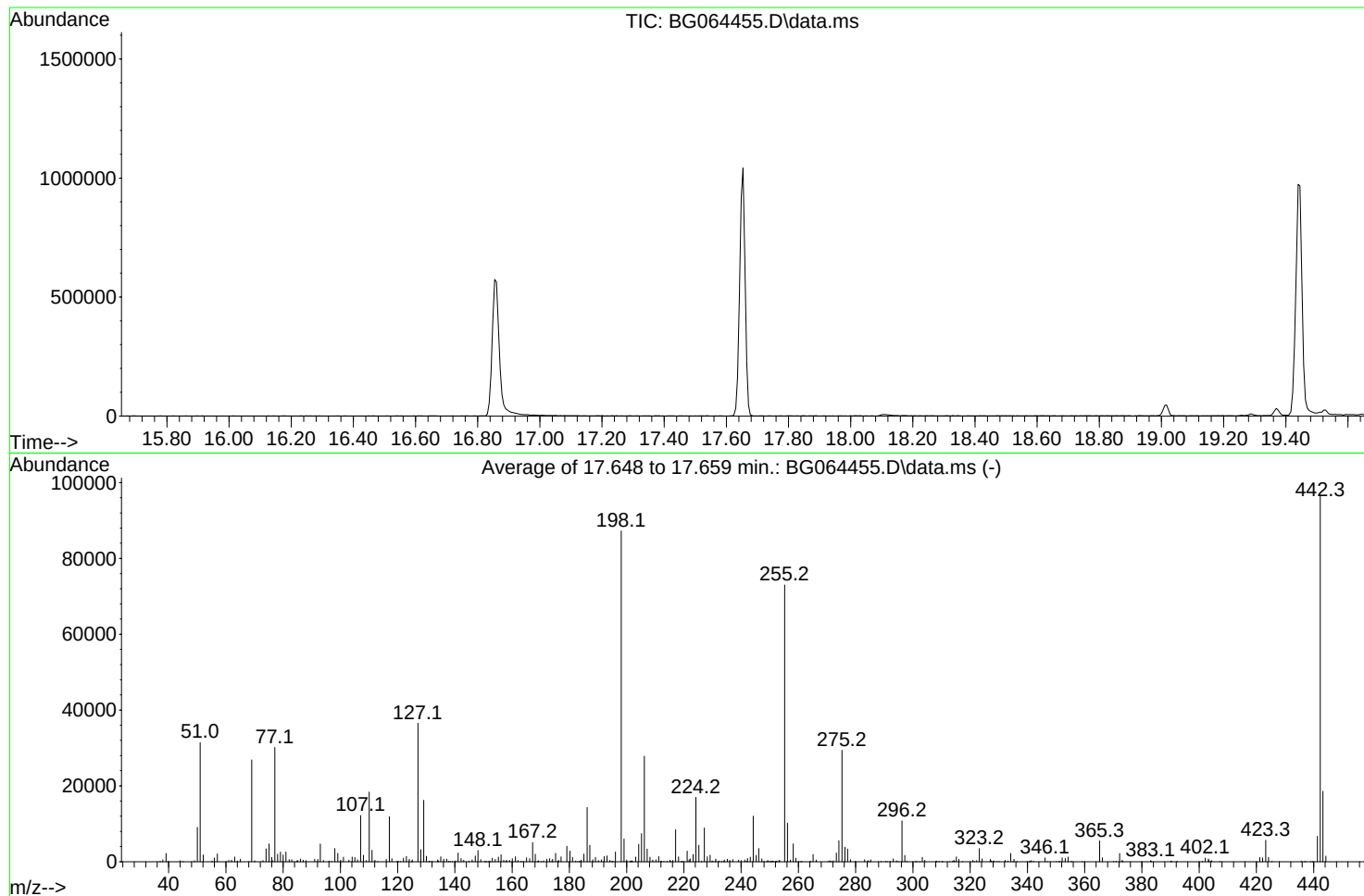
Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064455.D
Acq On : 29 Sep 2025 11:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Sep 29 18:04:12 2025



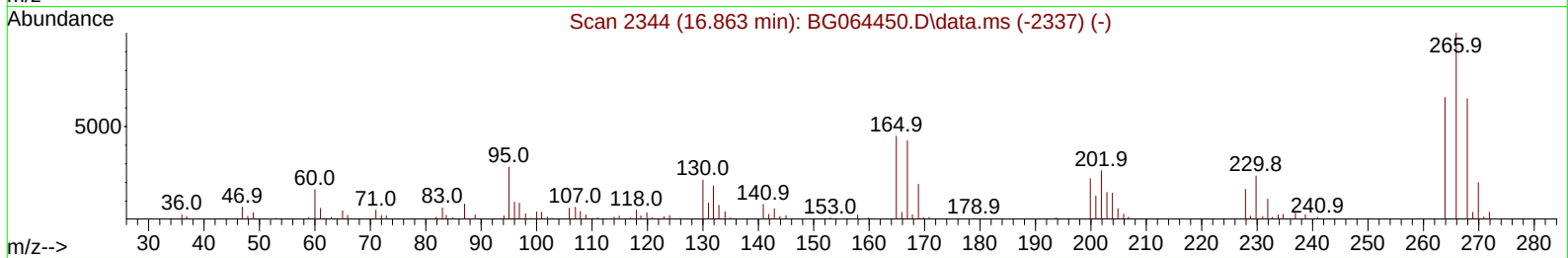
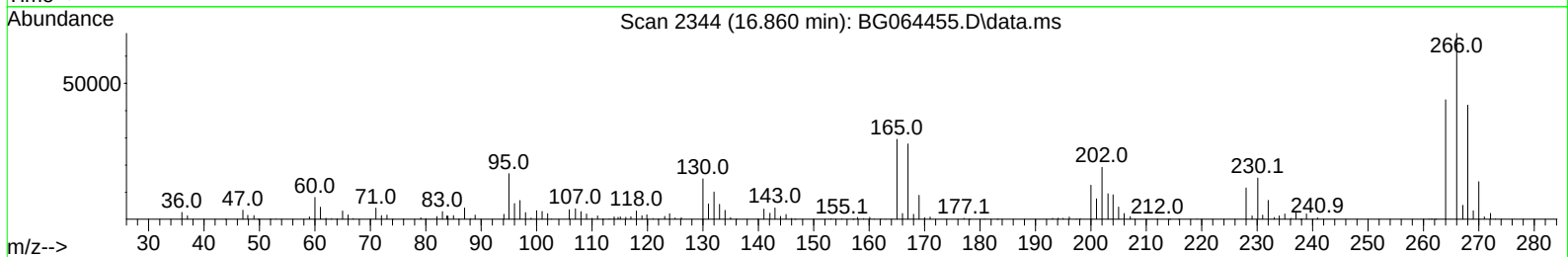
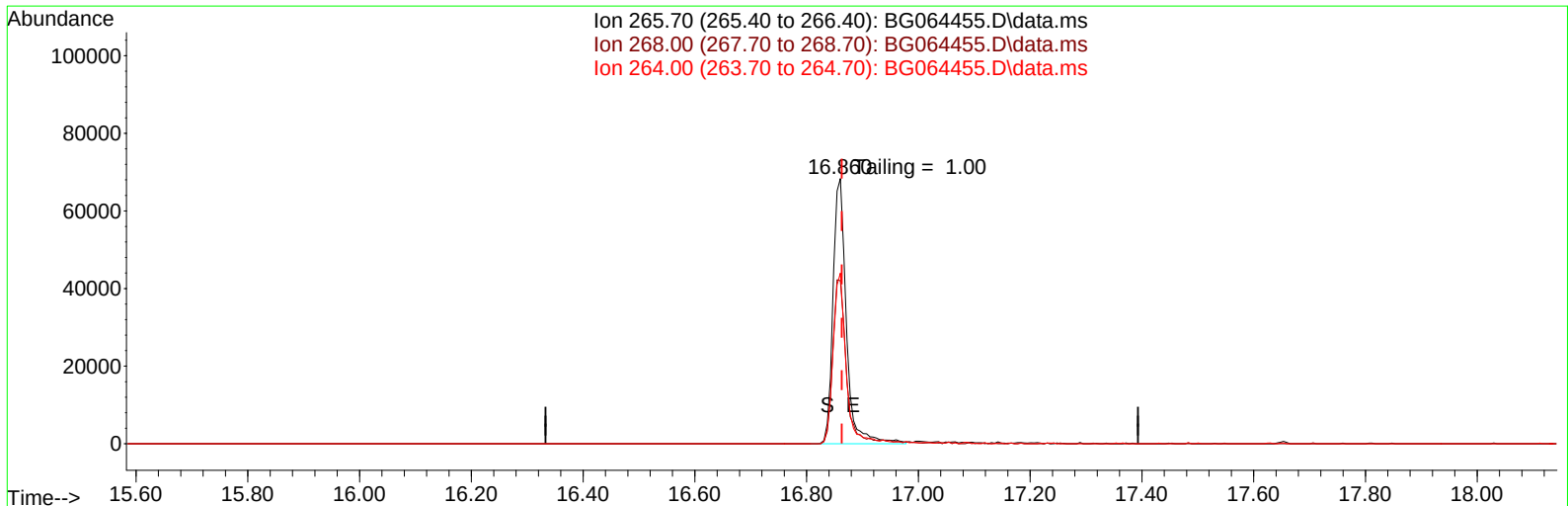
AutoFind: Scans 2478, 2479, 2480; Background Corrected with Scan 2471

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	26872	PASS
70	69	0.00	2	0.9	246	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	87269	PASS
199	198	5	9	6.9	5996	PASS
365	198	1	100	6.3	5510	PASS
441	443	0.01	150	36.0	6691	PASS
442	442	100	100	100.0	96408	PASS
443	442	15	24	19.3	18588	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064455.D
Acq On : 29 Sep 2025 11:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 29 19:15:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration



TIC: BG064455.D\data.ms

(70) Pentachlorophenol (C)

16.860min (-0.002) 151423.59 ng

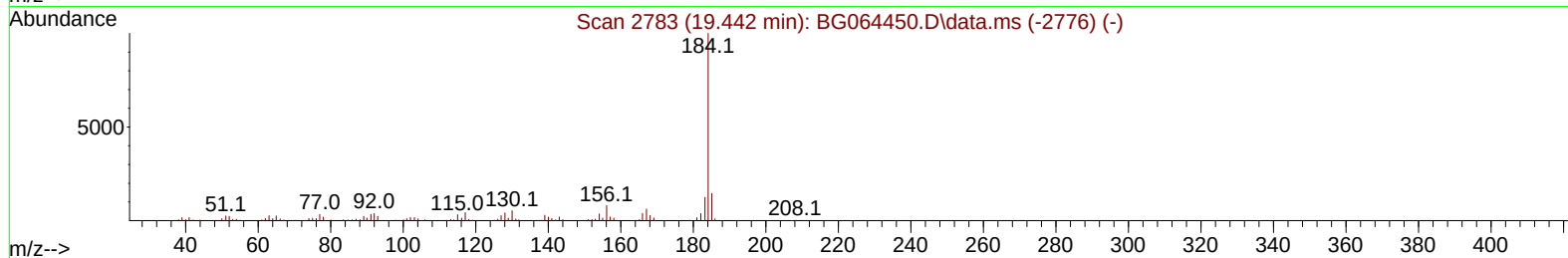
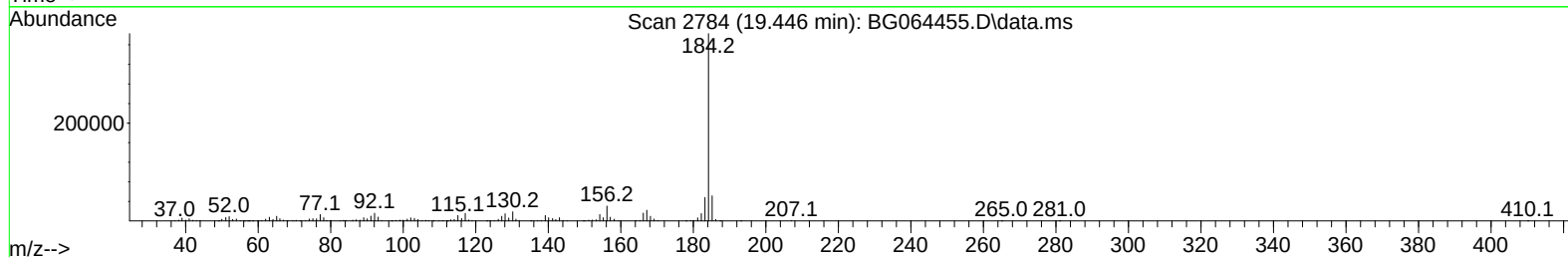
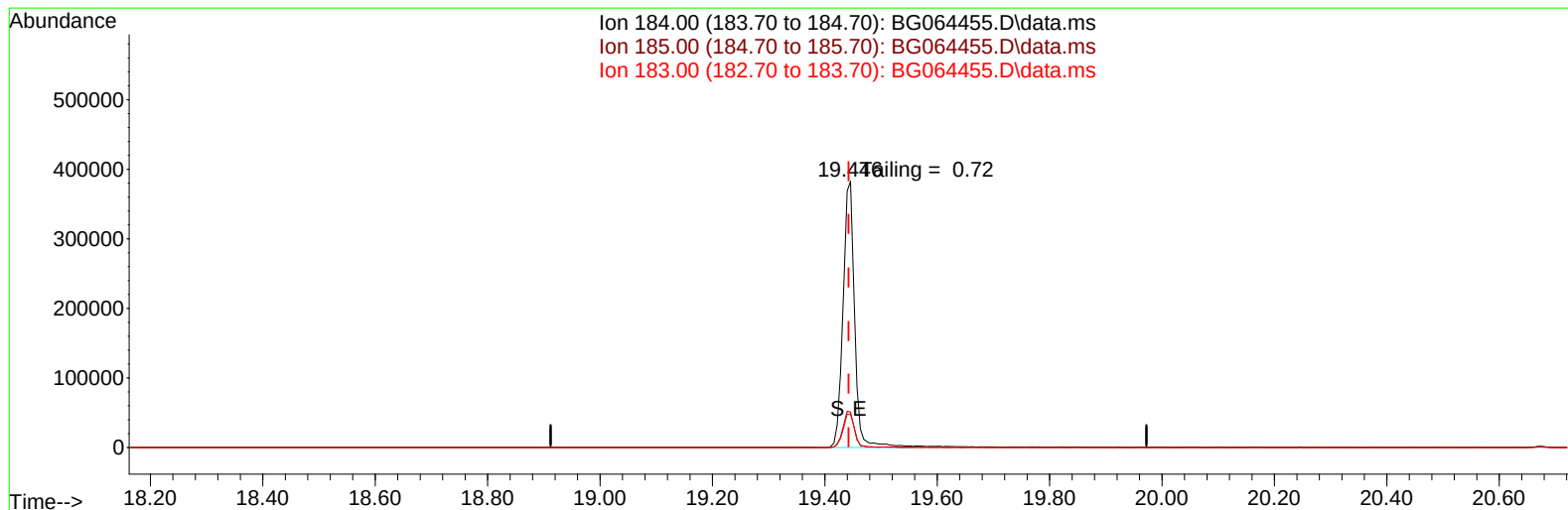
response 113326

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	61.46
264.00	65.50	64.34
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064455.D
Acq On : 29 Sep 2025 11:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Sep 29 19:15:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 18:04:12 2025
Response via : Initial Calibration



TIC: BG064455.D\data.ms

(77) Benzidine

19.446min (+ 0.003) 35719.25 ng

response 544294

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.37
183.00	12.50	12.56
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/29/2025	BNA_G	<u>BG064440.D</u>
Compound Name	Response	Retention Time
DDT	364482	20.674
DDD	4920	20.233
DDE	334	19.728
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5254	369736	1.42

Instrument :
BNA_G
ClientSampleId :
DFTPP

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave Nutley	Date Received:	
Client Sample ID:	PB169890BL	SDG No.:	Q3215
Lab Sample ID:	PB169890BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143821.D	1	09/29/25 09:15	09/29/25 14:42	PB169890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.0		18 - 107	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		20 - 109	84%	SPK: 100
1718-51-0	Terphenyl-d14	106	*	10 - 105	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	168000		6.887		
1146-65-2	Naphthalene-d8	650000		8.163		
15067-26-2	Acenaphthene-d10	352000		9.922		
1517-22-2	Phenanthrene-d10	600000		11.41		
1719-03-5	Chrysene-d12	535000		14.057		
1520-96-3	Perylene-d12	569000		15.533		

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave Nutley	Date Received:	
Client Sample ID:	PB169890BL	SDG No.:	Q3215
Lab Sample ID:	PB169890BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143821.D	1	09/29/25 09:15	09/29/25 14:42	PB169890

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\BF092925\
Data File : BF143821.D
Acq On : 29 Sep 2025 14:42
Operator : RC/JU
Sample : PB169890BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169890BL

Quant Time: Sep 29 15:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	168062	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	649975	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	352419	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	599933	20.000	ng	0.00
76) Chrysene-d12	14.057	240	534791	20.000	ng	0.00
86) Perylene-d12	15.533	264	568781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1250813	120.919	ng	0.00
7) Phenol-d6	6.504	99	1513616	126.641	ng	0.00
23) Nitrobenzene-d5	7.445	82	849589	80.010	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	480044	91.995	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1902938	84.261	ng	0.00
79) Terphenyl-d14	13.004	244	2790617	106.124	ng	0.00

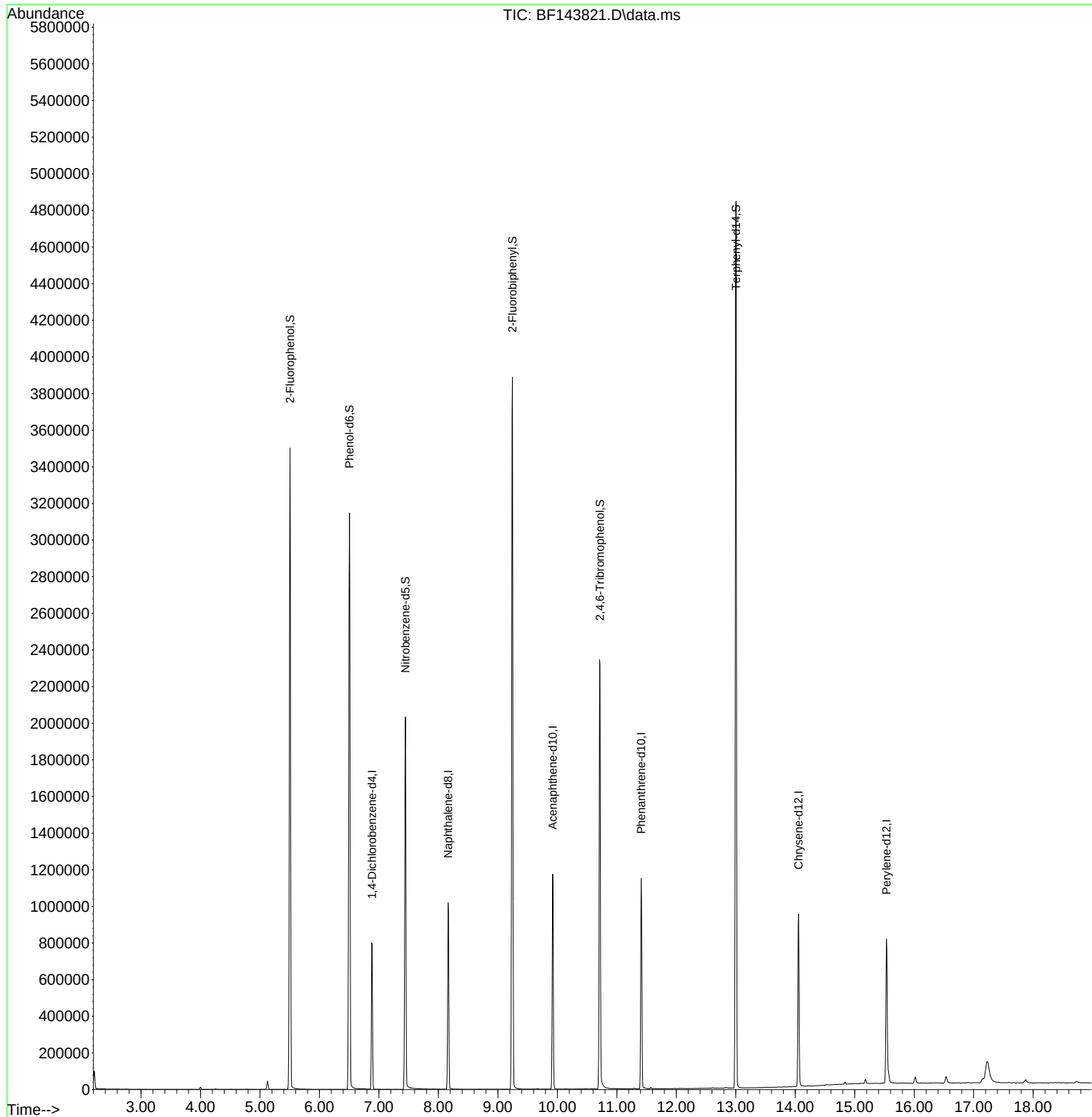
Target Compounds	Qvalue

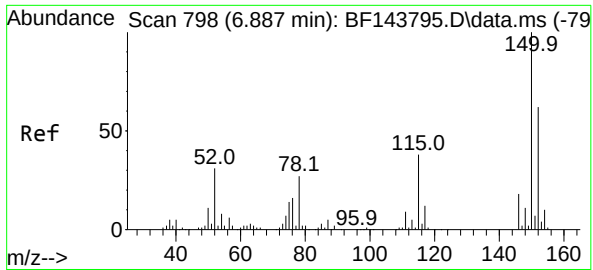
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
Data File : BF143821.D
Acq On : 29 Sep 2025 14:42
Operator : RC/JU
Sample : PB169890BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169890BL

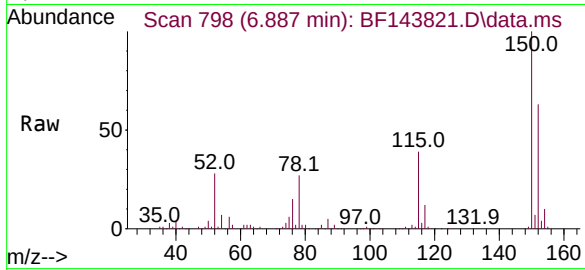
Quant Time: Sep 29 15:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



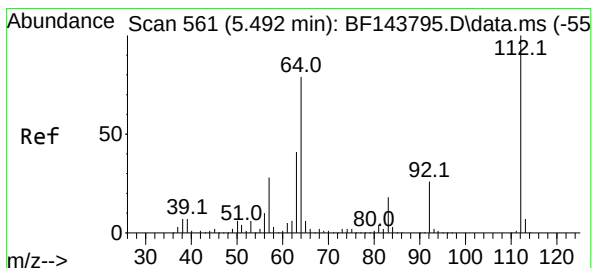
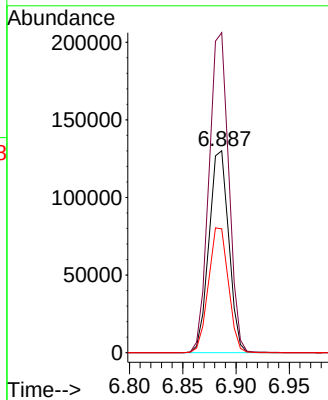
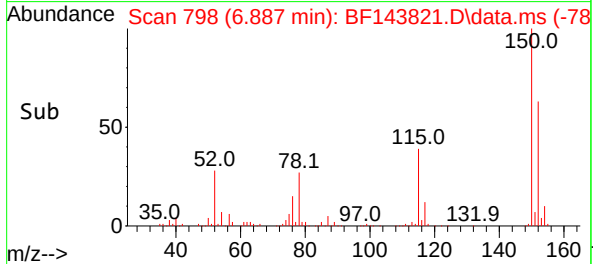


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169890BL

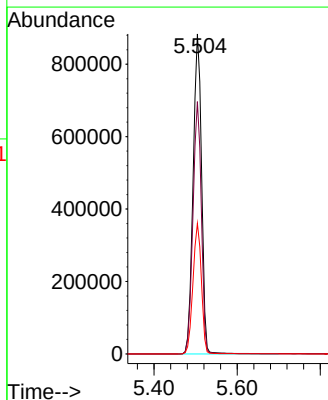
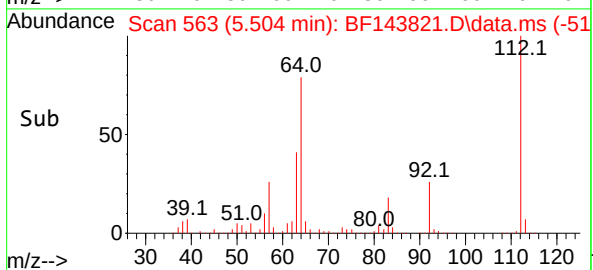
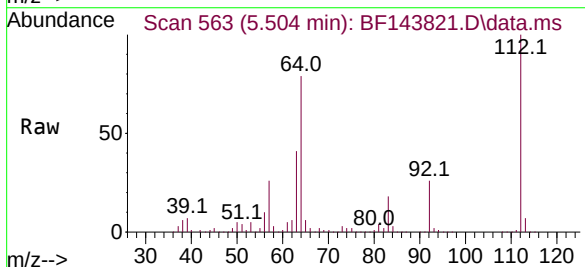


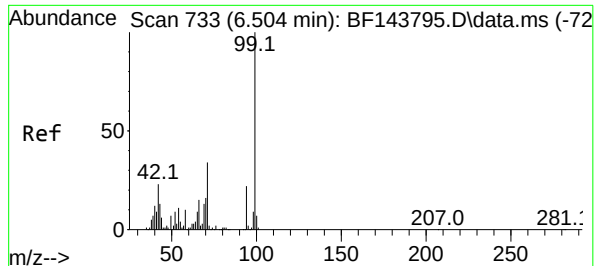
Tgt Ion:152 Resp: 168062
Ion Ratio Lower Upper
152 100
150 158.5 129.6 194.4
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 120.919 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion:112 Resp: 1250813
Ion Ratio Lower Upper
112 100
64 78.8 63.0 94.4
63 40.8 32.6 49.0

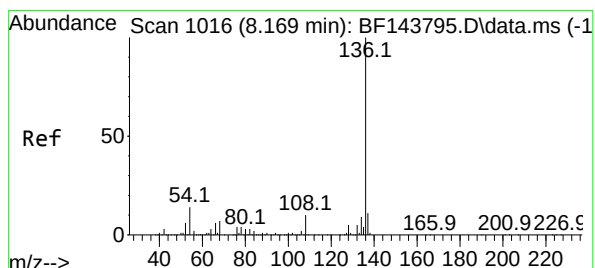
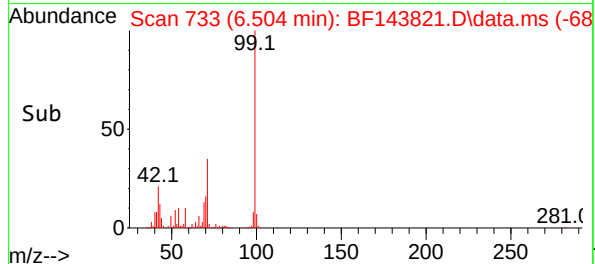
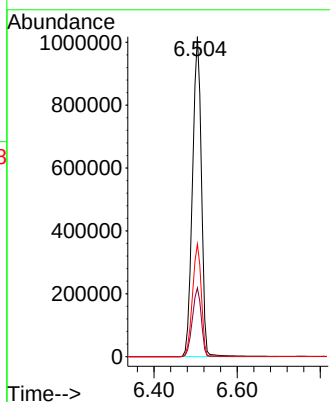
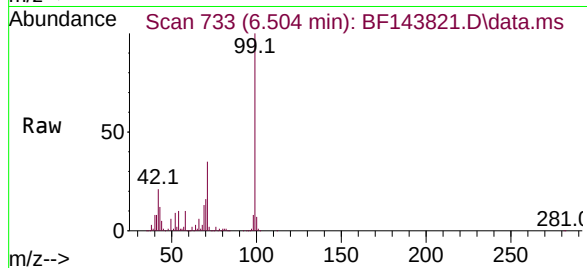




#7
Phenol-d6
Concen: 126.641 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

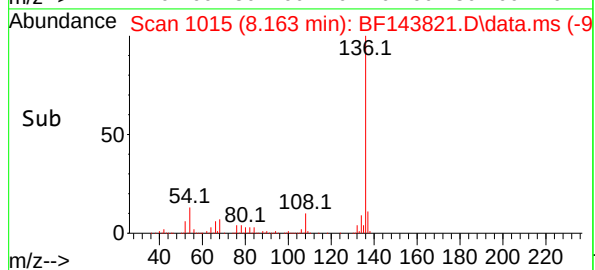
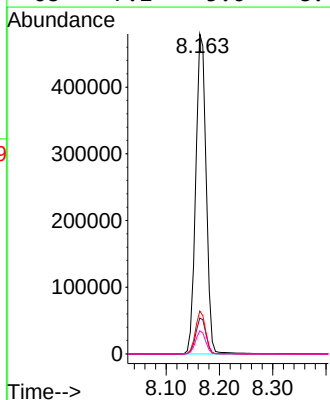
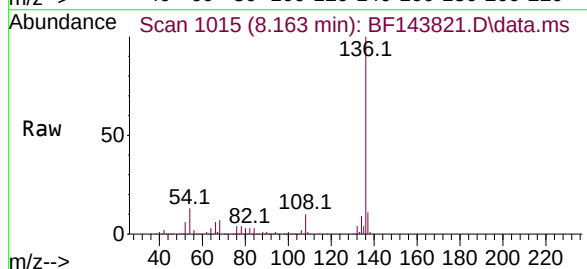
Instrument :
BNA_F
ClientSampleId :
PB169890BL

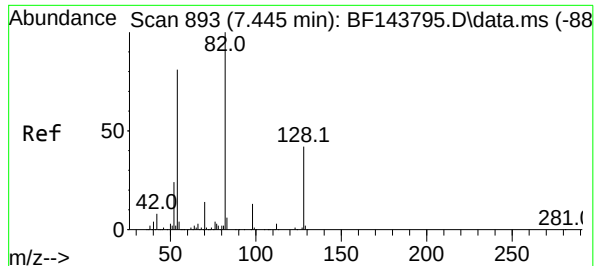
Tgt Ion: 99 Resp: 1513616
Ion Ratio Lower Upper
99 100
42 21.5 18.6 28.0
71 35.2 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion: 136 Resp: 649975
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 13.4 11.2 16.8
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 80.010 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143821.D

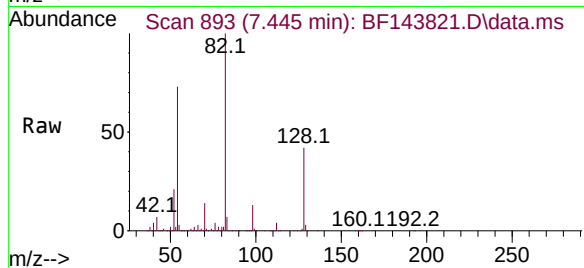
Acq: 29 Sep 2025 14:42

Instrument :

BNA_F

ClientSampleId :

PB169890BL



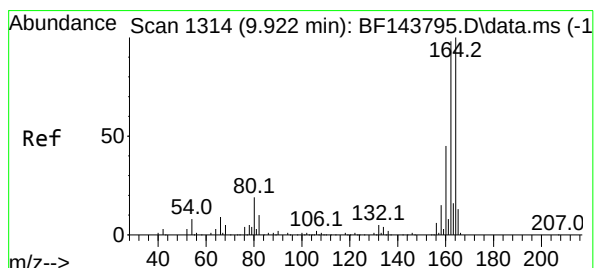
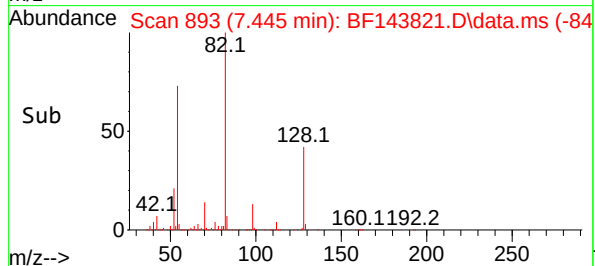
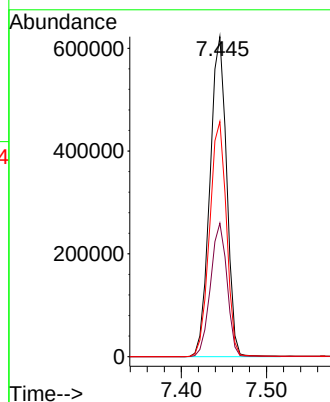
Tgt Ion: 82 Resp: 849589

Ion Ratio Lower Upper

82 100

128 41.7 33.3 49.9

54 73.4 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143821.D

Acq: 29 Sep 2025 14:42

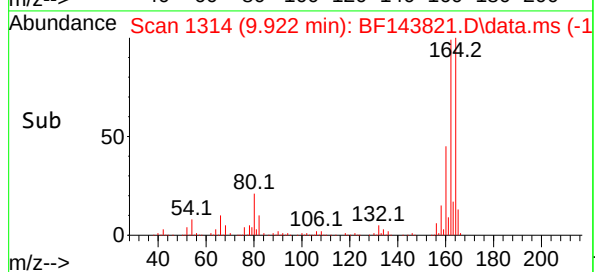
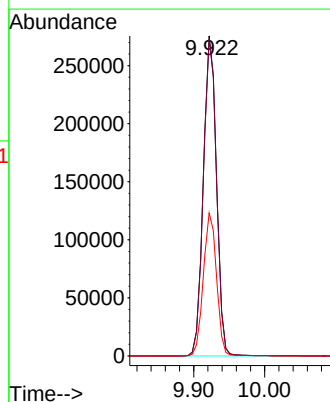
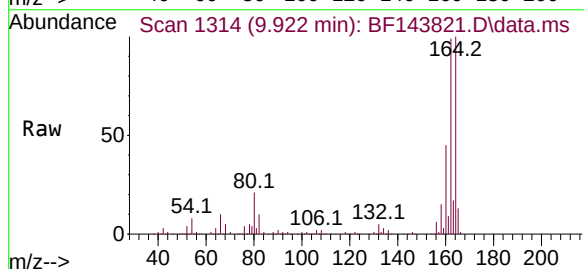
Tgt Ion: 164 Resp: 352419

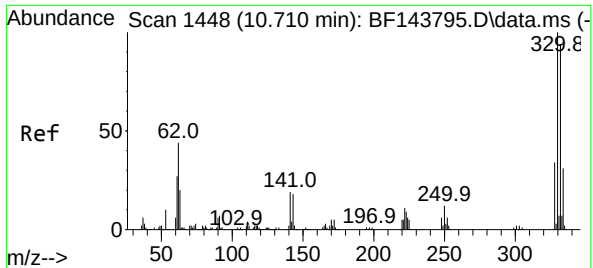
Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 91.995 ng

RT: 10.716 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF143821.D

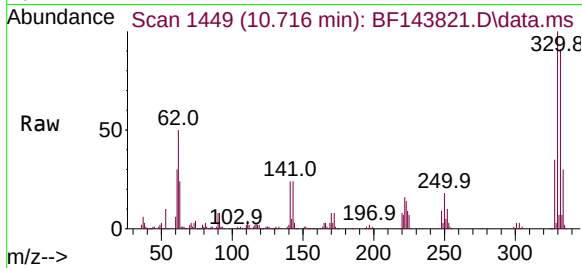
Acq: 29 Sep 2025 14:42

Instrument :

BNA_F

ClientSampleId :

PB169890BL



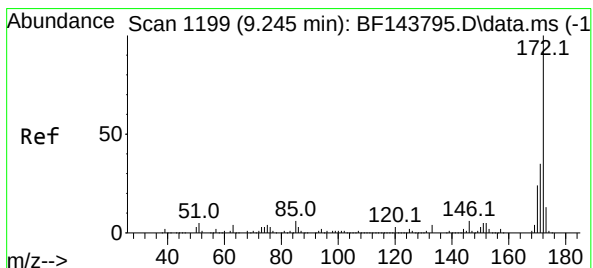
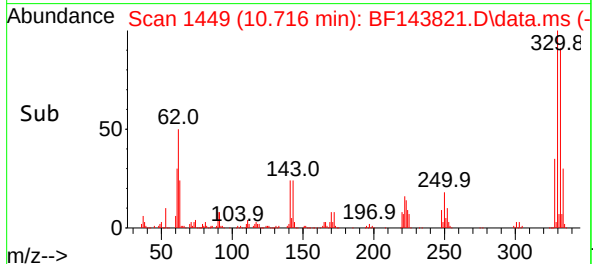
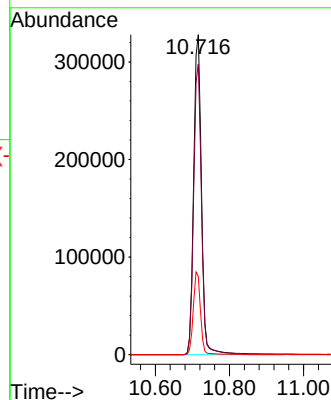
Tgt Ion:330 Resp: 480044

Ion Ratio Lower Upper

330 100

332 91.4 74.7 112.1

141 23.8 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 84.261 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143821.D

Acq: 29 Sep 2025 14:42

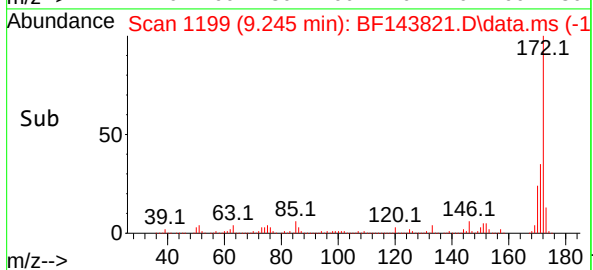
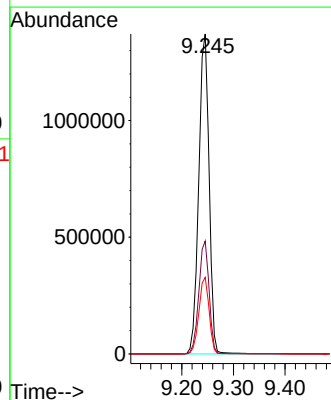
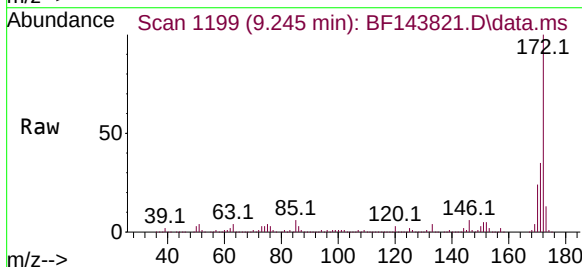
Tgt Ion:172 Resp: 1902938

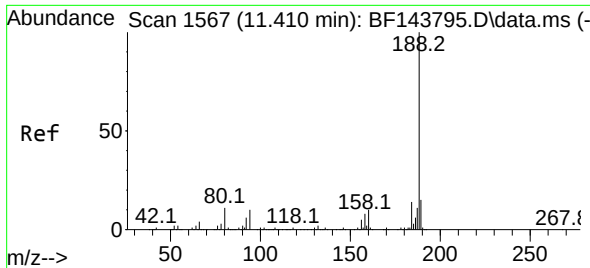
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 24.0 19.1 28.7

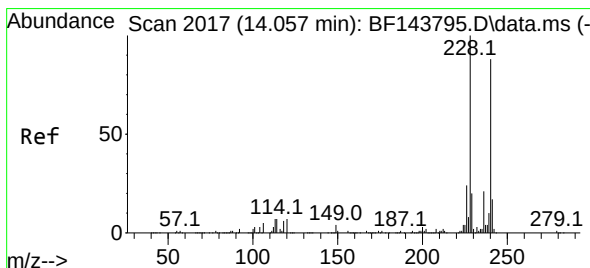
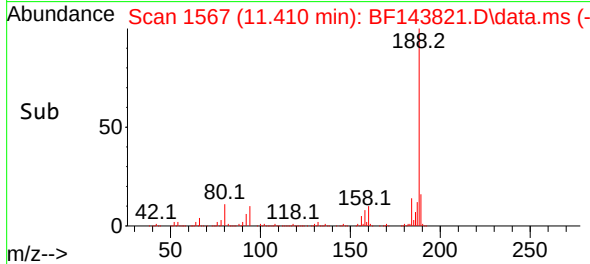
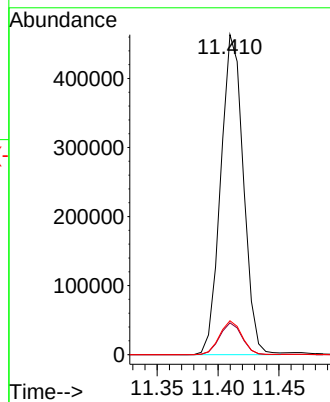
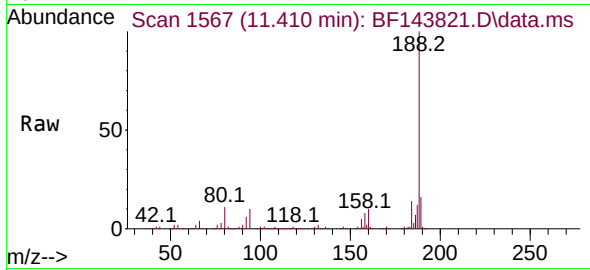




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

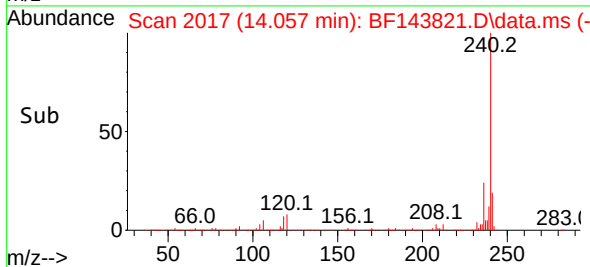
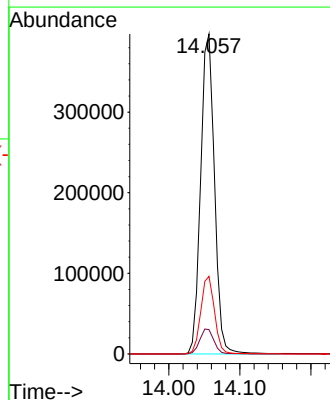
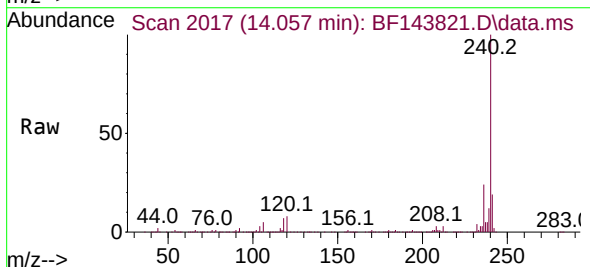
Instrument :
BNA_F
ClientSampleId :
PB169890BL

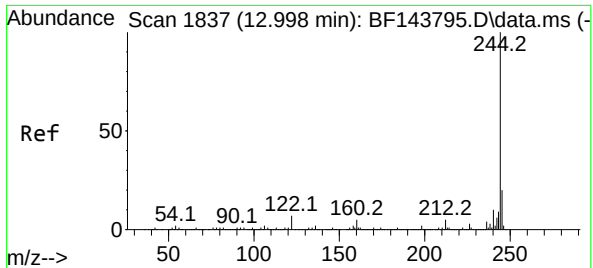
Tgt Ion:188 Resp: 599933
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

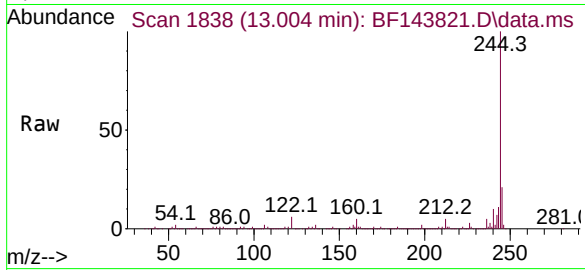
Tgt Ion:240 Resp: 534791
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.3 19.4 29.2



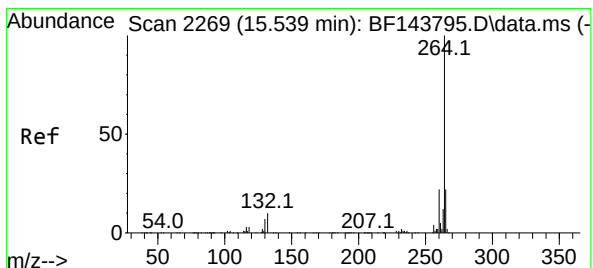
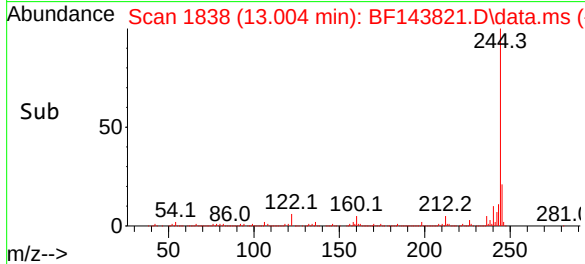
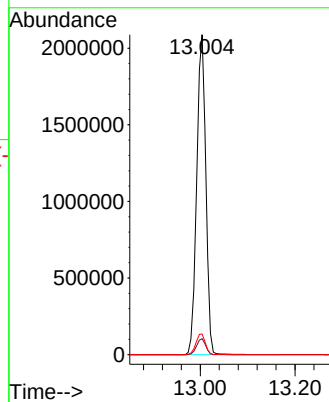


#79
Terphenyl-d14
Concen: 106.124 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Instrument :
BNA_F
ClientSampleId :
PB169890BL

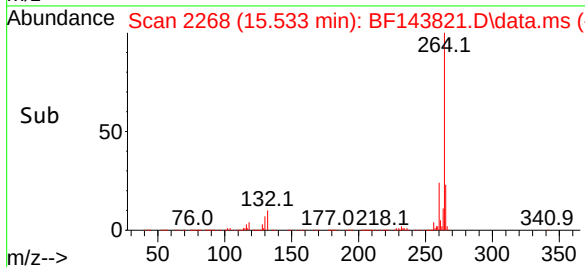
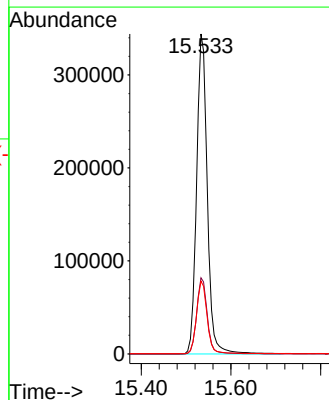
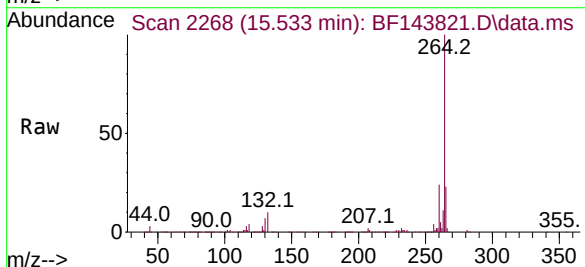


Tgt Ion:244 Resp: 2790617
Ion Ratio Lower Upper
244 100
212 5.0 3.9 5.9
122 6.4 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143821.D
Acq: 29 Sep 2025 14:42

Tgt Ion:264 Resp: 568781
Ion Ratio Lower Upper
264 100
260 23.8 17.9 26.9
265 22.7 17.7 26.5



Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave Nutley	Date Received:	
Client Sample ID:	PB169890BS	SDG No.:	Q3215
Lab Sample ID:	PB169890BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143822.D	1	09/29/25 09:15	09/29/25 15:11	PB169890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
206-44-0	Fluoranthene	1400		30.0	170	ug/Kg
129-00-0	Pyrene	1700		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	80.7		18 - 107	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.0		20 - 109	84%	SPK: 100
1718-51-0	Terphenyl-d14	99.3		10 - 105	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	175000		6.887		
1146-65-2	Naphthalene-d8	648000		8.169		
15067-26-2	Acenaphthene-d10	329000		9.928		
1517-22-2	Phenanthrene-d10	502000		11.416		
1719-03-5	Chrysene-d12	449000		14.057		
1520-96-3	Perylene-d12	654000		15.533		

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	507 Franklin Ave Nutley	Date Received:	
Client Sample ID:	PB169890BS	SDG No.:	Q3215
Lab Sample ID:	PB169890BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143822.D	1	09/29/25 09:15	09/29/25 15:11	PB169890

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\BF092925\
 Data File : BF143822.D
 Acq On : 29 Sep 2025 15:11
 Operator : RC/JU
 Sample : PB169890BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169890BS

Quant Time: Sep 29 15:38:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	174542	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	648417	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	329040	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	502052	20.000	ng	0.00
76) Chrysene-d12	14.057	240	448913	20.000	ng	0.00
86) Perylene-d12	15.533	264	653832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1228567	114.359	ng	0.01
7) Phenol-d6	6.510	99	1458544	117.502	ng	0.00
23) Nitrobenzene-d5	7.451	82	854459	80.662	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	463549	95.146	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1771047	83.993	ng	0.00
79) Terphenyl-d14	12.998	244	2191591	99.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	189260	36.806	ng	98
3) Pyridine	3.493	79	538809	38.819	ng	92
4) n-Nitrosodimethylamine	3.440	42	292654	42.049	ng	89
6) Aniline	6.546	93	661809	36.735	ng	99
8) 2-Chlorophenol	6.669	128	485114	44.109	ng	100
9) Benzaldehyde	6.434	77	311403	28.648	ng	99
10) Phenol	6.528	94	644310	44.657	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	500153	44.223	ng	99
12) 1,3-Dichlorobenzene	6.828	146	551476	43.187	ng	99
13) 1,4-Dichlorobenzene	6.904	146	558911	43.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	537372	44.524	ng	100
15) Benzyl Alcohol	7.022	79	437574	48.787	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1084084	40.423	ng	96
17) 2-Methylphenol	7.134	107	389303	45.722	ng	99
18) Hexachloroethane	7.398	117	189995	42.395	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	356470	44.658	ng	93
20) 3+4-Methylphenols	7.287	107	449419	43.342	ng	# 82
22) Acetophenone	7.293	105	692365	48.615	ng	99
24) Nitrobenzene	7.469	77	504755	42.989	ng	98
25) Isophorone	7.704	82	992015	48.057	ng	99
26) 2-Nitrophenol	7.781	139	203673	42.576	ng	96
27) 2,4-Dimethylphenol	7.816	122	453437	49.146	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	609224	45.426	ng	99
29) 2,4-Dichlorophenol	8.022	162	405371	44.652	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	444353	47.164	ng	99
31) Naphthalene	8.193	128	1355080	43.655	ng	99
32) Benzoic acid	7.928	122	216139	48.554	ng	98
33) 4-Chloroaniline	8.234	127	291158	26.692	ng	99
34) Hexachlorobutadiene	8.310	225	317187	45.162	ng	99
35) Caprolactam	8.604	113	118049m	50.873	ng	
36) 4-Chloro-3-methylphenol	8.710	107	397412	46.675	ng	97
37) 2-Methylnaphthalene	8.881	142	828066	41.836	ng	99
38) 1-Methylnaphthalene	8.981	142	830520	43.838	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	478009	48.139	ng	100
41) Hexachlorocyclopentadiene	9.034	237	735819	116.922	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	297444	47.838	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143822.D
 Acq On : 29 Sep 2025 15:11
 Operator : RC/JU
 Sample : PB169890BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169890BS

Quant Time: Sep 29 15:38:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

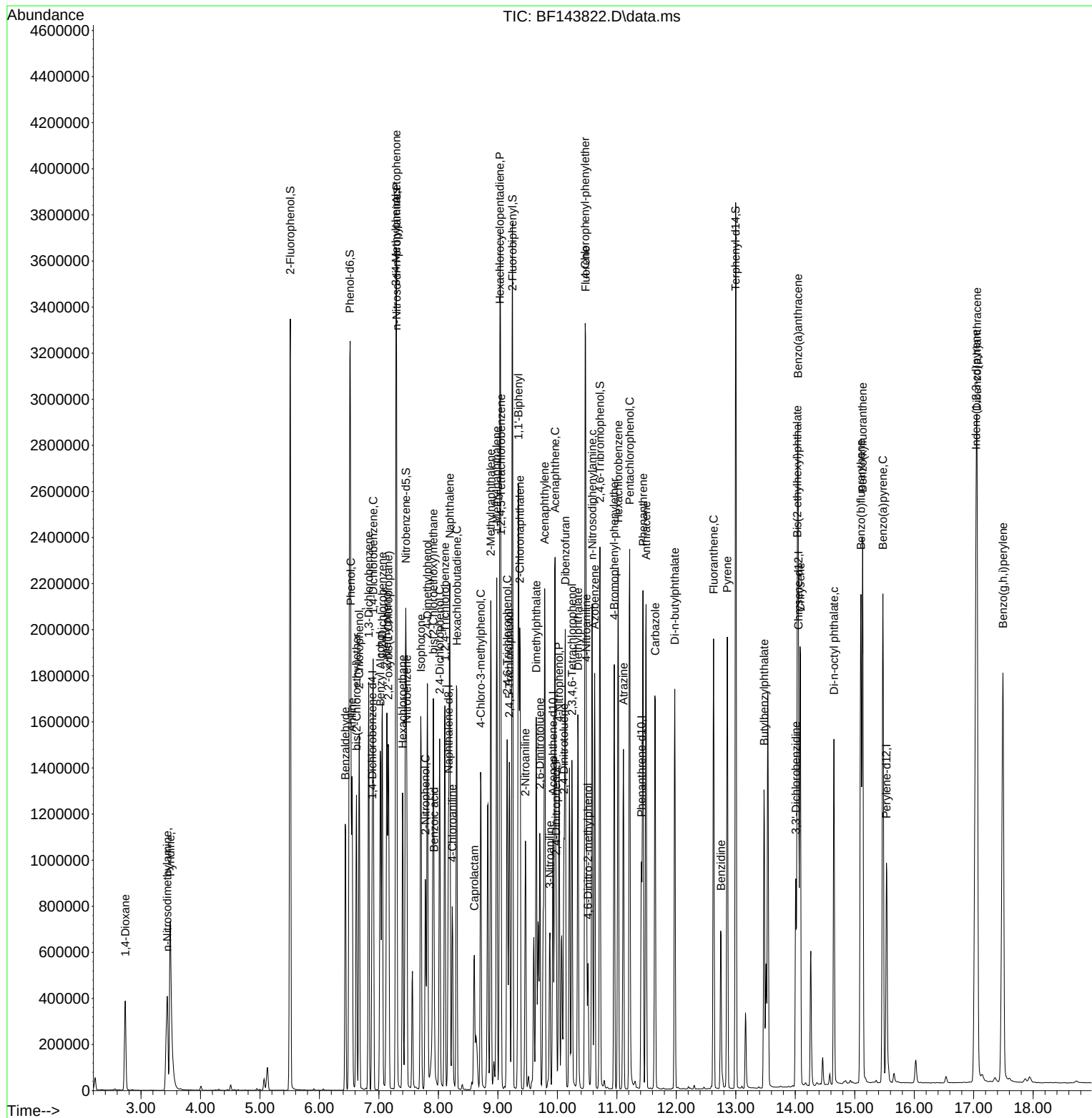
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	303357	46.644	ng	99
46) 1,1'-Biphenyl	9.345	154	1141438	47.923	ng	99
47) 2-Chloronaphthalene	9.369	162	843943	44.018	ng	100
48) 2-Nitroaniline	9.463	65	279167	48.177	ng	97
49) Acenaphthylene	9.787	152	1327888	50.311	ng	99
50) Dimethylphthalate	9.645	163	928375	46.291	ng	100
51) 2,6-Dinitrotoluene	9.704	165	174992	53.108	ng	96
52) Acenaphthene	9.963	154	795259	45.786	ng	99
53) 3-Nitroaniline	9.875	138	127213	31.851	ng	98
54) 2,4-Dinitrophenol	9.981	184	120192	83.021	ng	# 24
55) Dibenzofuran	10.134	168	1112566	45.298	ng	98
56) 4-Nitrophenol	10.028	139	281436	87.443	ng	96
57) 2,4-Dinitrotoluene	10.110	165	220523	45.266	ng	99
58) Fluorene	10.475	166	822711	45.057	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	291646	52.346	ng	97
60) Diethylphthalate	10.345	149	863485	45.995	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	424859	45.666	ng	96
62) 4-Nitroaniline	10.486	138	172068	45.819	ng	98
63) Azobenzene	10.628	77	905012	45.742	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	88875	48.298	ng	89
66) n-Nitrosodiphenylamine	10.586	169	781890	47.356	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	415860	48.606	ng	99
68) Hexachlorobenzene	11.022	284	567989	48.172	ng	99
69) Atrazine	11.110	200	237424	49.657	ng	99
70) Pentachlorophenol	11.216	266	562126	95.776	ng	99
71) Phenanthrene	11.439	178	1157271	44.899	ng	100
72) Anthracene	11.492	178	1178324	45.575	ng	100
73) Carbazole	11.645	167	1005163	44.466	ng	99
74) Di-n-butylphthalate	11.975	149	1187924	45.693	ng	99
75) Fluoranthene	12.628	202	1124711	43.385	ng	99
77) Benzidine	12.751	184	406306	37.143	ng	99
78) Pyrene	12.857	202	1134976	51.425	ng	99
80) Butylbenzylphthalate	13.475	149	406601	53.250	ng	99
81) Benzo(a)anthracene	14.045	228	1105594	45.844	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	337183	32.273	ng	99
83) Chrysene	14.086	228	1050643	48.146	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	536383	47.924	ng	99
85) Di-n-octyl phthalate	14.651	149	944808	46.537	ng	96
87) Indeno(1,2,3-cd)pyrene	17.039	276	2504130	50.478	ng	99
88) Benzo(b)fluoranthene	15.104	252	1564047	46.974	ng	100
89) Benzo(k)fluoranthene	15.133	252	1557193	46.550	ng	100
90) Benzo(a)pyrene	15.474	252	1552114	49.592	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	2041892	50.323	ng	100
92) Benzo(g,h,i)perylene	17.492	276	2067094	52.848	ng	100

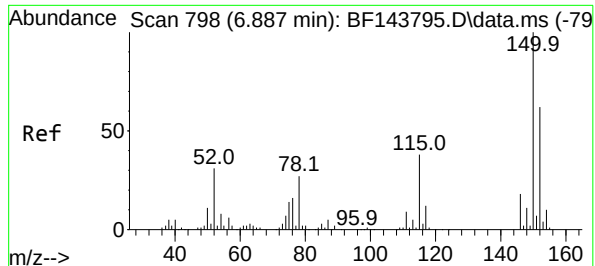
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Acq On    : 29 Sep 2025  15:11  
Operator  : RC/JU  
Sample    : PB169890BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB169890BS

Quant Time: Sep 29 15:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

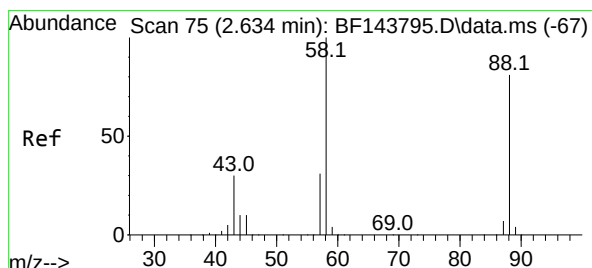
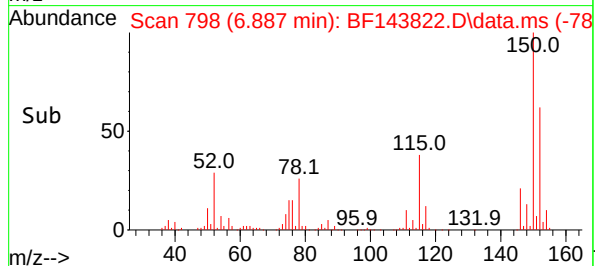
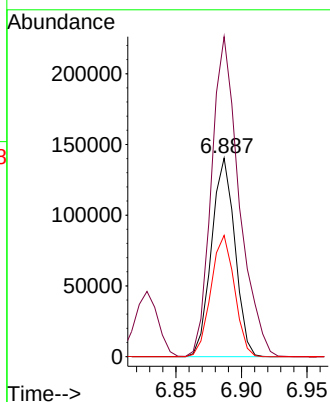
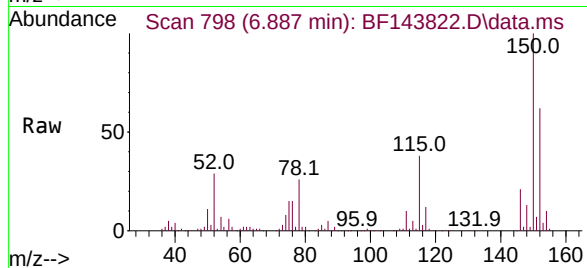




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

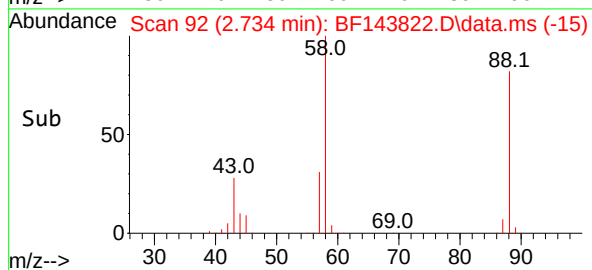
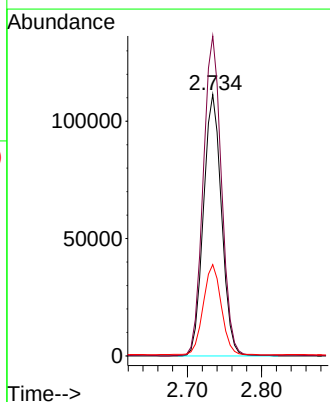
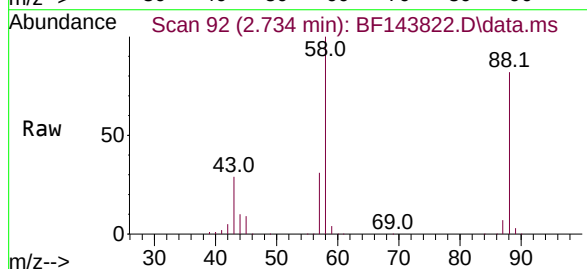
Instrument :
BNA_F
ClientSampleId :
PB169890BS

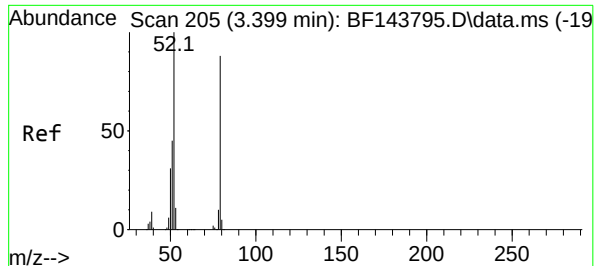
Tgt Ion:152 Resp: 174542
Ion Ratio Lower Upper
152 100
150 161.2 129.6 194.4
115 61.1 49.0 73.4



#2
1,4-Dioxane
Concen: 36.806 ng
RT: 2.734 min Scan# 92
Delta R.T. 0.100 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 88 Resp: 189260
Ion Ratio Lower Upper
88 100
58 123.5 99.4 149.2
43 34.7 30.6 45.8

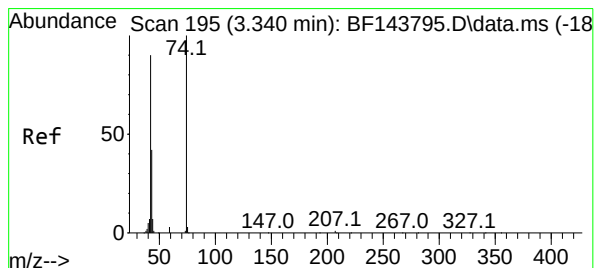
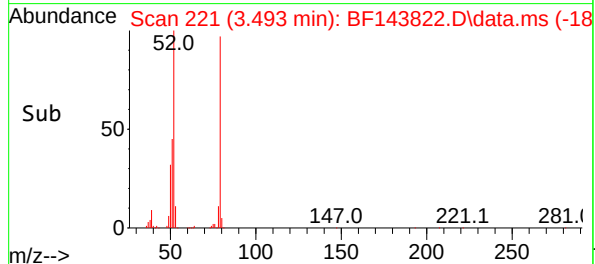
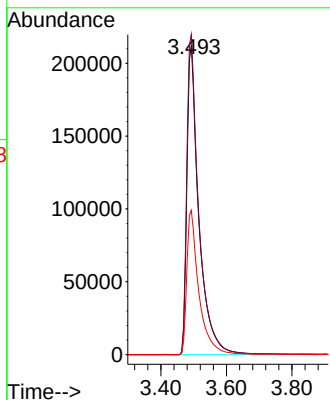
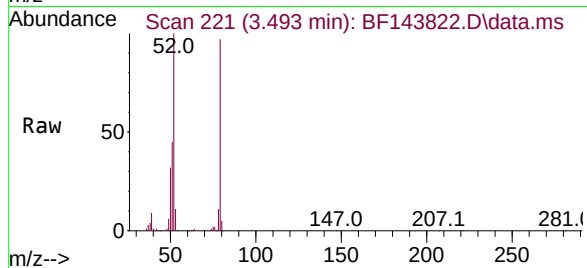




#3
Pyridine
Concen: 38.819 ng
RT: 3.493 min Scan# 211
Delta R.T. 0.094 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

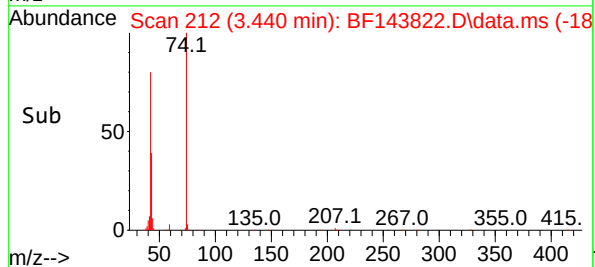
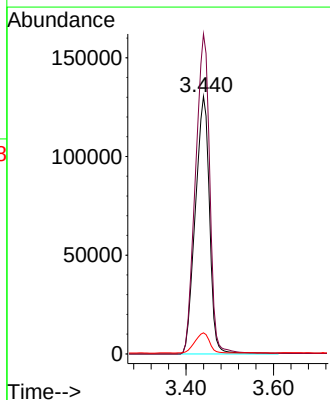
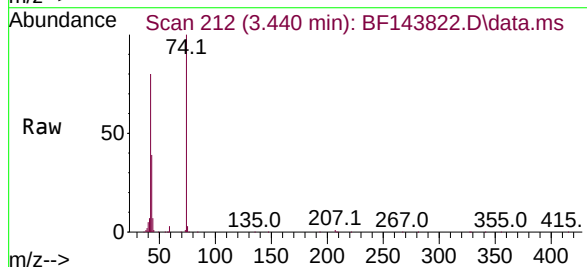
Instrument :
BNA_F
ClientSampleId :
PB169890BS

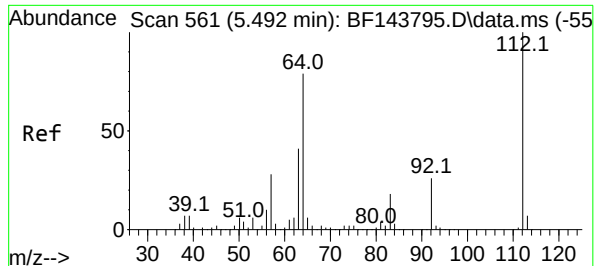
Tgt Ion: 79 Resp: 538809
Ion Ratio Lower Upper
79 100
52 103.5 90.5 135.7
51 46.7 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 42.049 ng
RT: 3.440 min Scan# 212
Delta R.T. 0.083 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 42 Resp: 292654
Ion Ratio Lower Upper
42 100
74 124.3 89.1 133.7
44 8.2 6.4 9.6

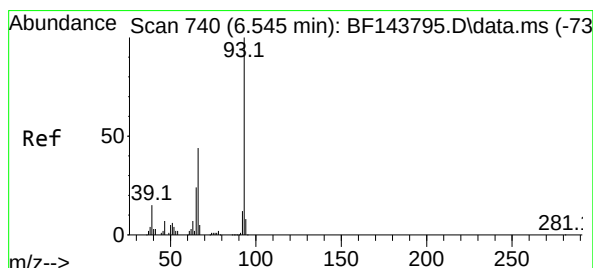
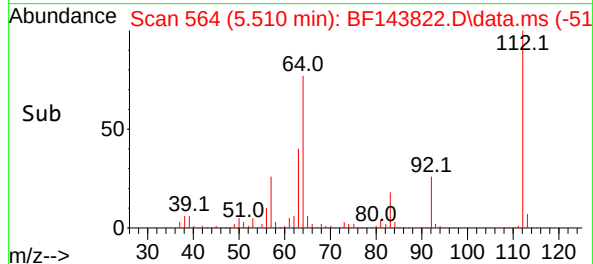
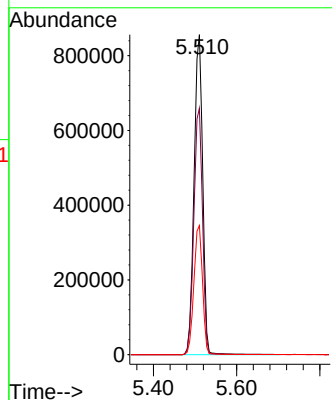
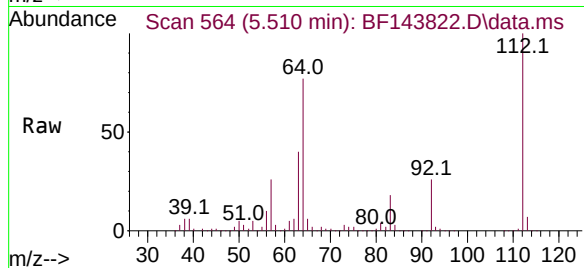




#5
2-Fluorophenol
Concen: 114.359 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

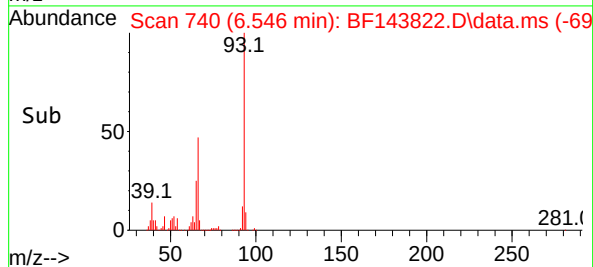
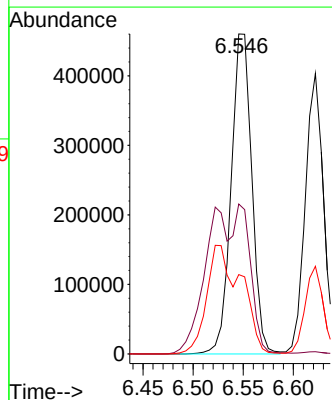
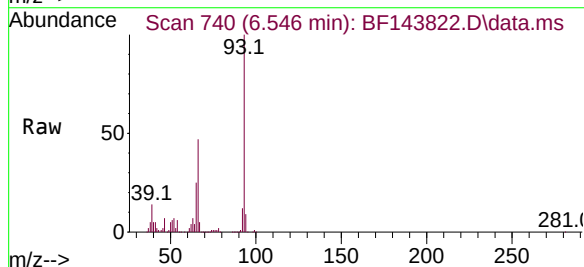
Instrument :
BNA_F
ClientSampleId :
PB169890BS

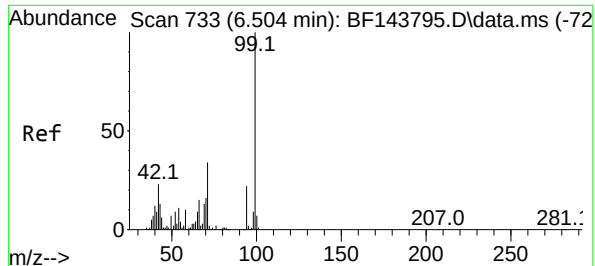
Tgt Ion:112 Resp: 1228567
Ion Ratio Lower Upper
112 100
64 77.0 63.0 94.4
63 40.3 32.6 49.0



#6
Aniline
Concen: 36.735 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 93 Resp: 661809
Ion Ratio Lower Upper
93 100
66 46.8 37.1 55.7
65 24.8 19.4 29.0

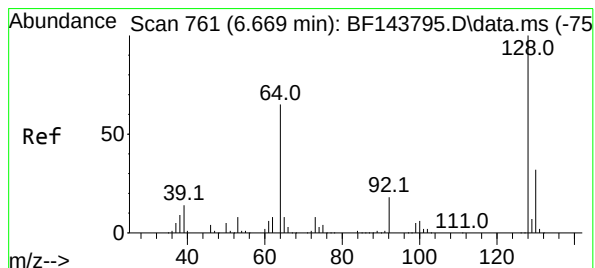
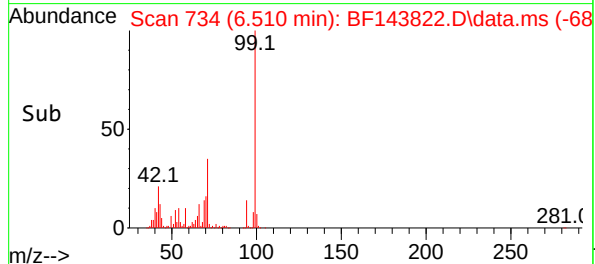
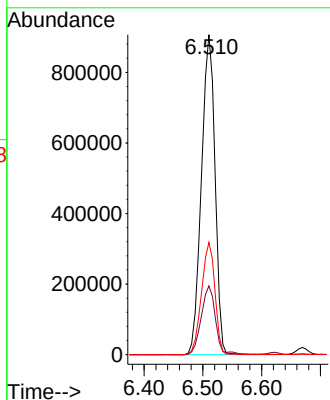
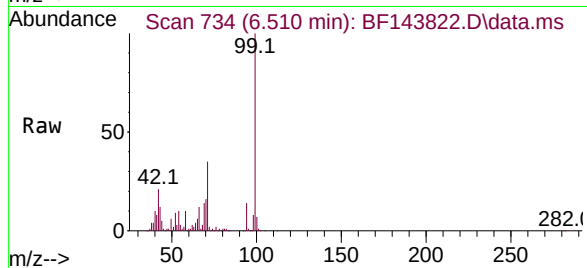




#7
Phenol-d6
Concen: 117.502 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

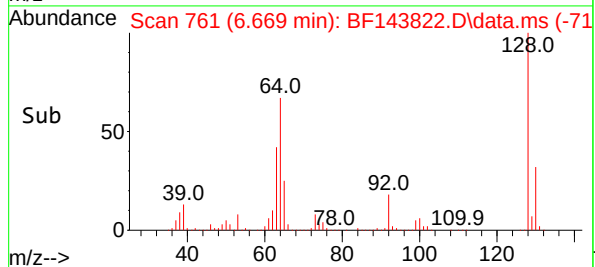
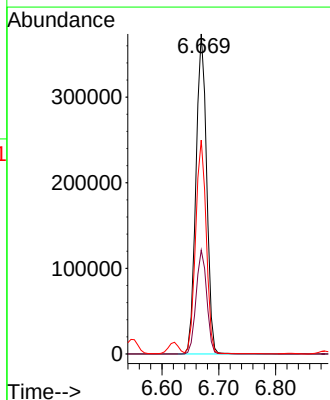
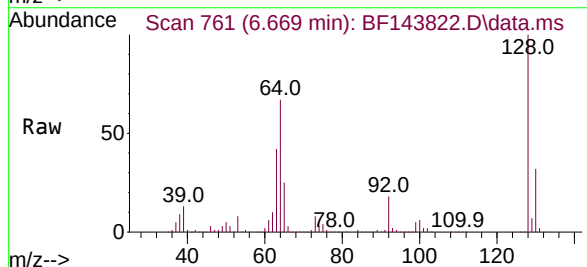
Instrument :
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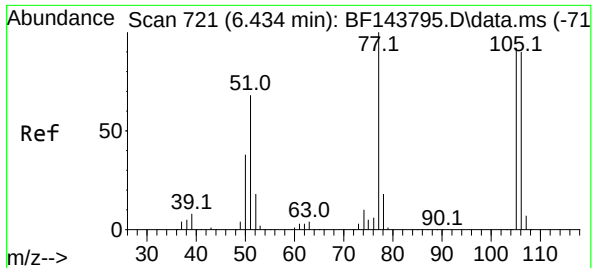
Tgt Ion: 99 Resp: 1458544
Ion Ratio Lower Upper
99 100
42 21.5 18.6 28.0
71 35.1 27.0 40.4



#8
2-Chlorophenol
Concen: 44.109 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 128 Resp: 485114
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 66.8 46.5 86.5





#9

Benzaldehyde

Concen: 28.648 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143822.D

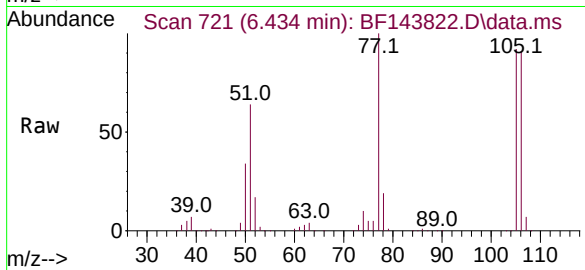
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Instrument :

BNA_F

ClientSampleId :

PB169890BS



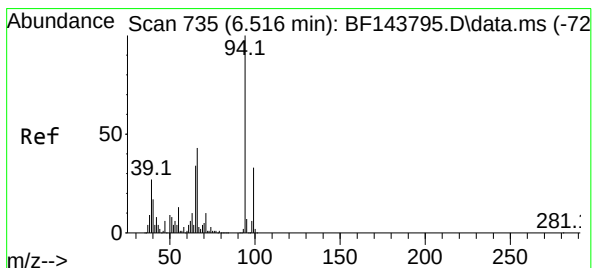
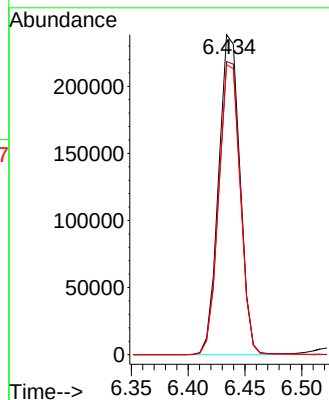
Tgt Ion: 77 Resp: 311403

Ion Ratio Lower Upper

77 100

105 91.6 71.8 111.8

106 90.6 69.8 109.8



#10

Phenol

Concen: 44.657 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

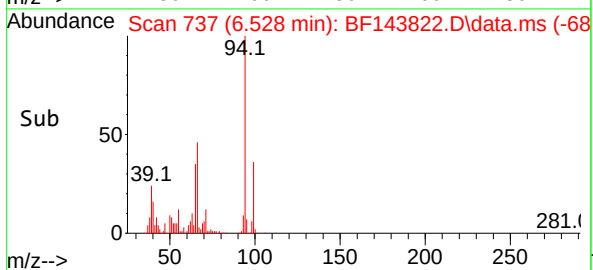
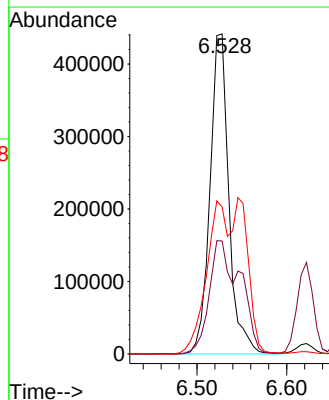
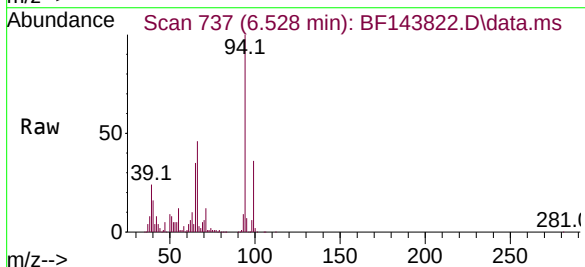
Tgt Ion: 94 Resp: 644310

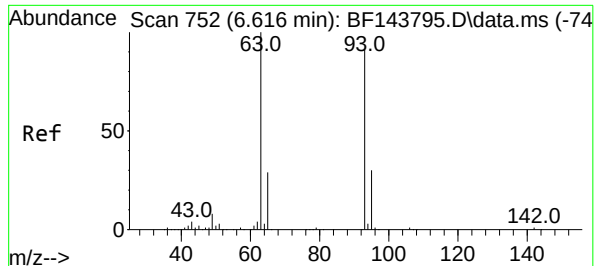
Ion Ratio Lower Upper

94 100

65 35.3 14.2 54.2

66 45.9 24.1 64.1

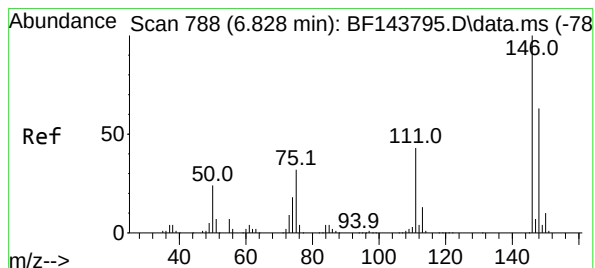
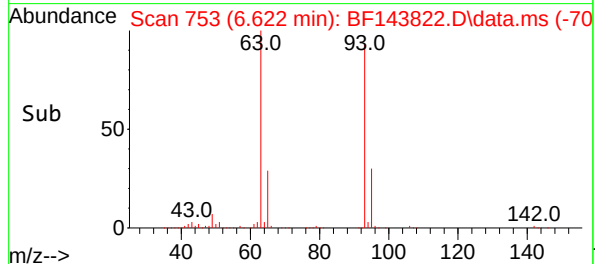
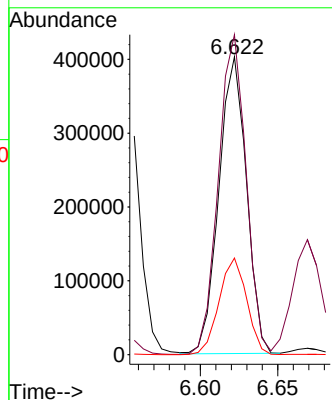
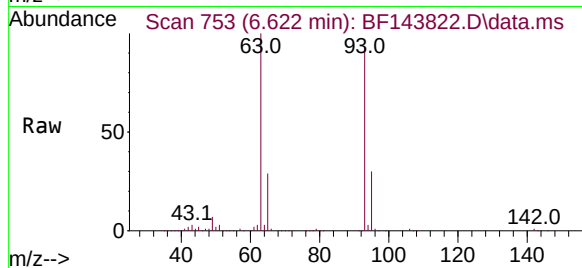




#11
bis(2-Chloroethyl)ether
Concen: 44.223 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

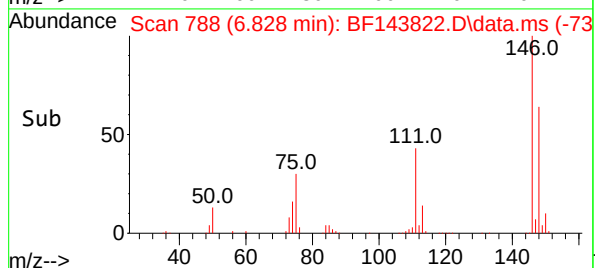
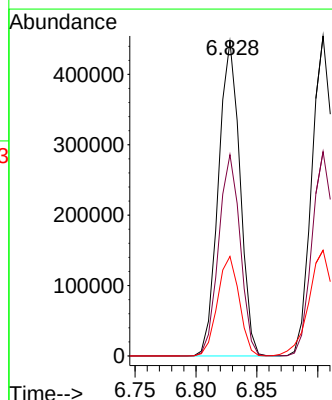
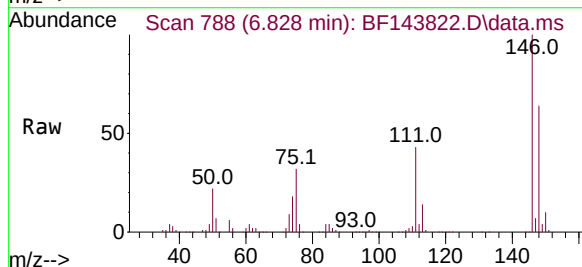
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ClientSampleId :
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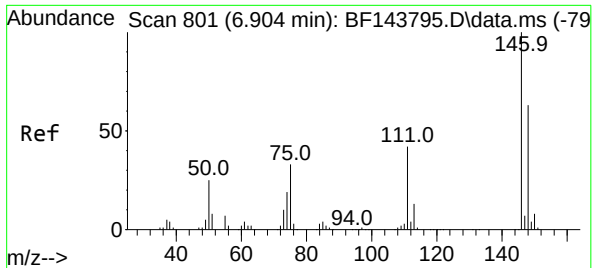
Tgt Ion: 93 Resp: 500153
Ion Ratio Lower Upper
93 100
63 107.5 89.2 129.2
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.187 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 146 Resp: 551476
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 31.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 43.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

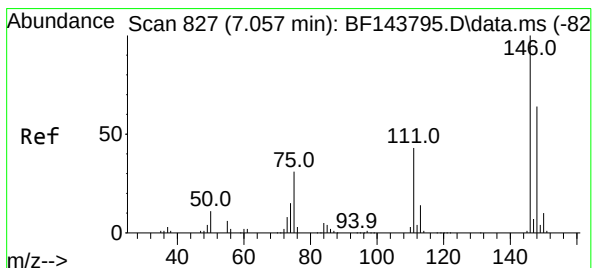
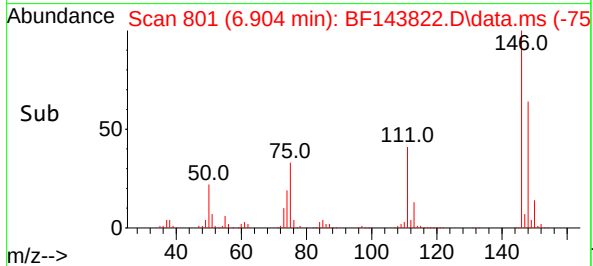
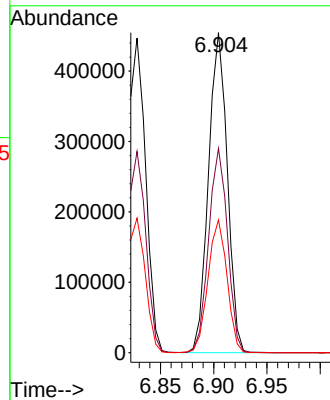
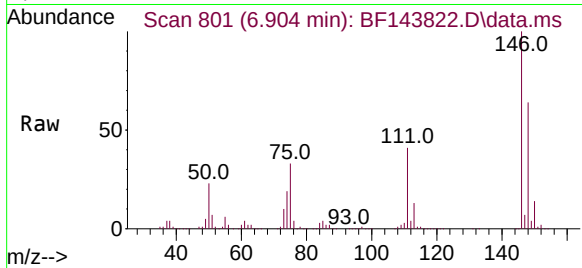
Tgt Ion:146 Resp: 558911

Ion Ratio Lower Upper

146 100

148 63.8 50.7 76.1

111 41.5 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 44.524 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

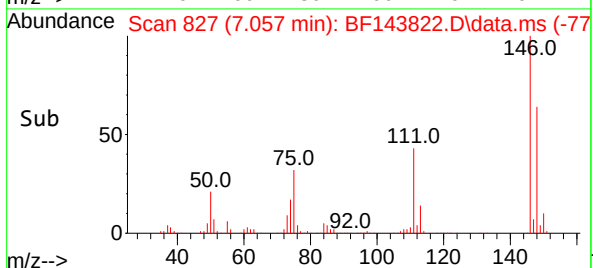
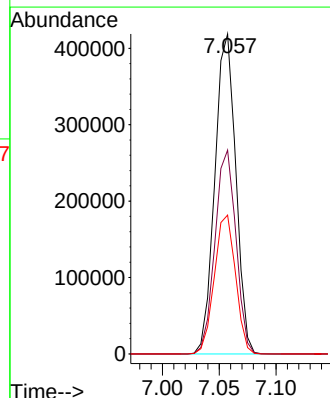
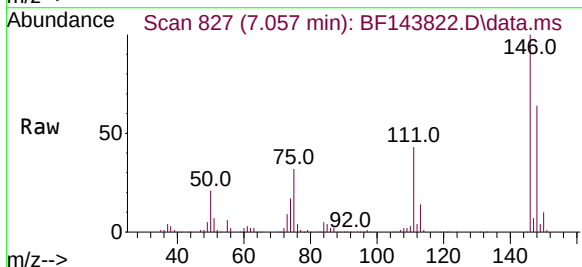
Tgt Ion:146 Resp: 537372

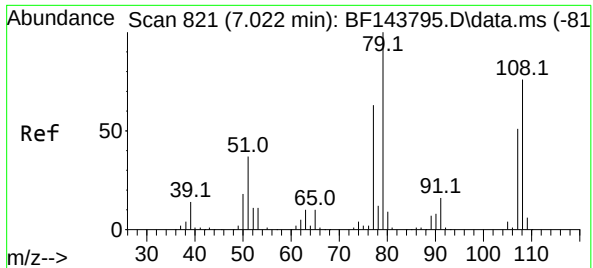
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 43.4 34.3 51.5

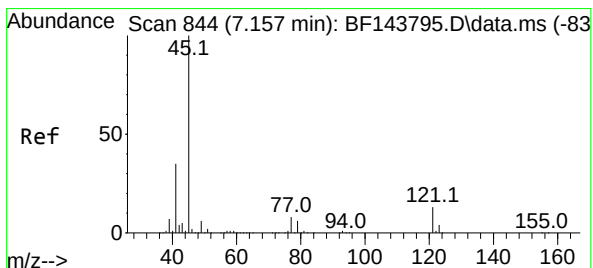
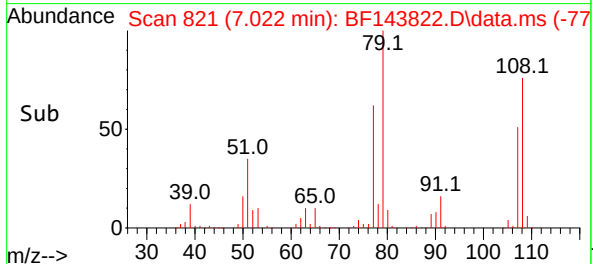
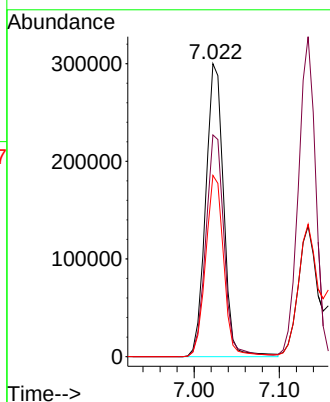
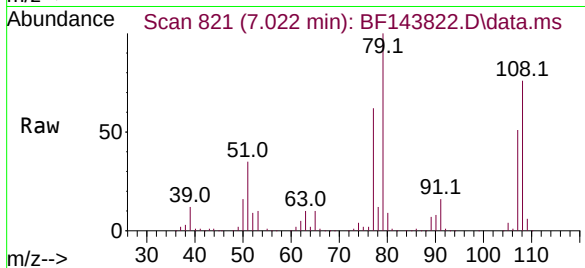




#15
Benzyl Alcohol
Concen: 48.787 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

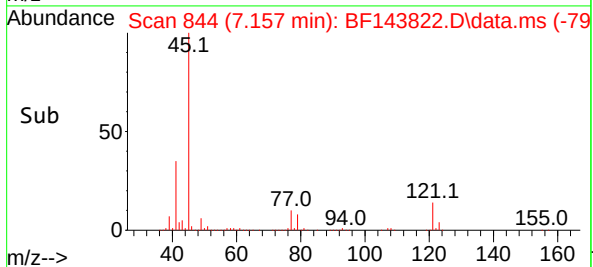
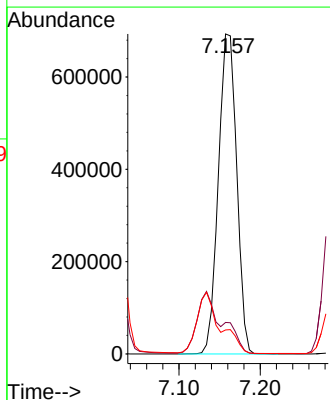
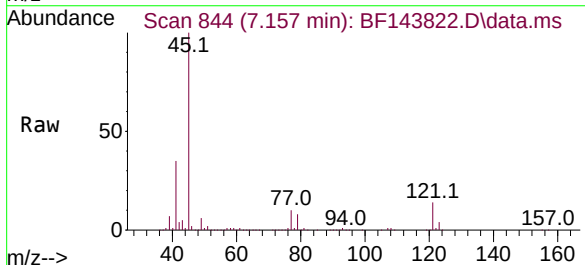
Instrument :
BNA_F
ClientSampleId :
PB169890BS

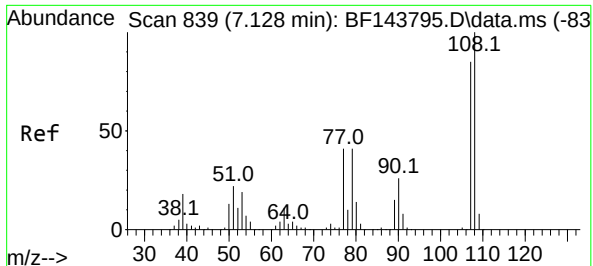
Tgt Ion: 79 Resp: 437574
Ion Ratio Lower Upper
79 100
108 75.7 60.5 90.7
77 61.9 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.423 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion: 45 Resp: 1084084
Ion Ratio Lower Upper
45 100
77 9.8 0.0 28.5
79 7.5 0.0 26.3

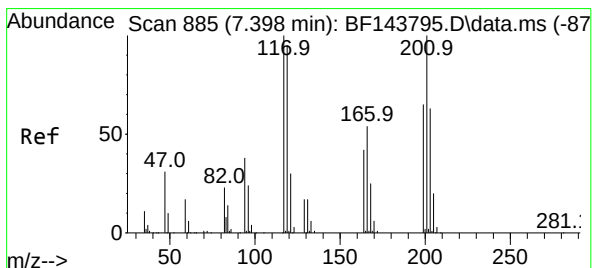
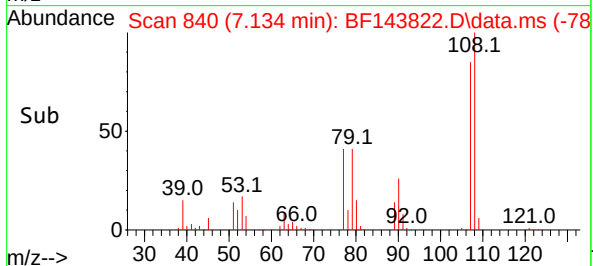
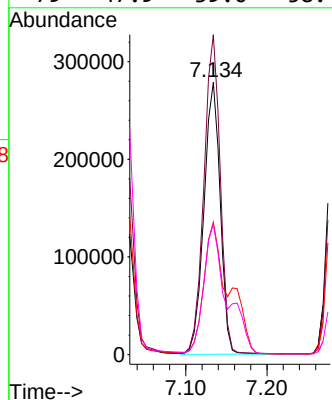
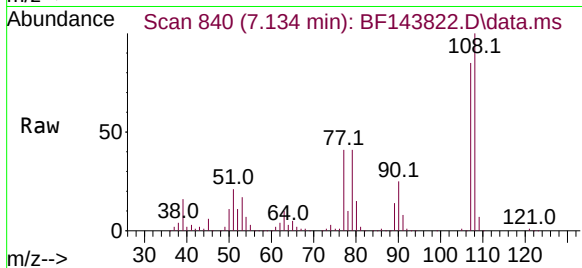




#17
2-Methylphenol
Concen: 45.722 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

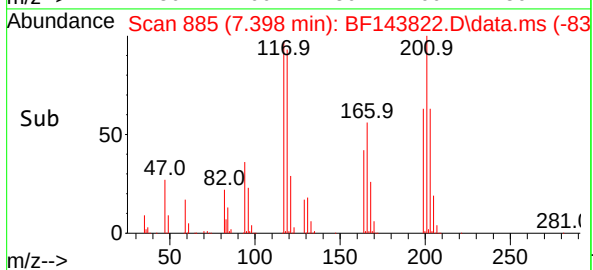
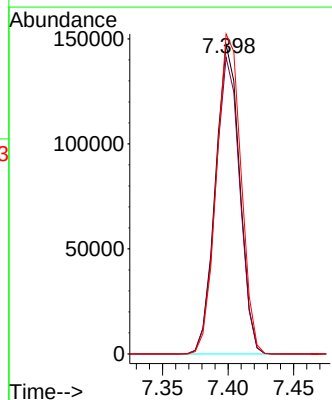
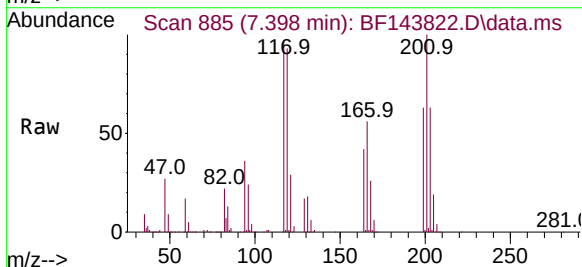
Instrument :
BNA_F
ClientSampleId :
PB169890BS

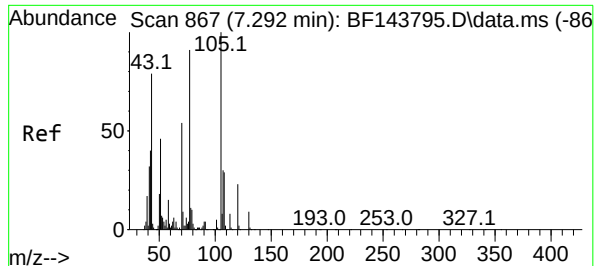
Tgt Ion:107 Resp: 389303
Ion Ratio Lower Upper
107 100
108 117.5 94.2 141.4
77 48.6 38.6 58.0
79 47.9 39.0 58.4



#18
Hexachloroethane
Concen: 42.395 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:117 Resp: 189995
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 103.5 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 44.658 ng

RT: 7.298 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

Tgt Ion: 70 Resp: 356470

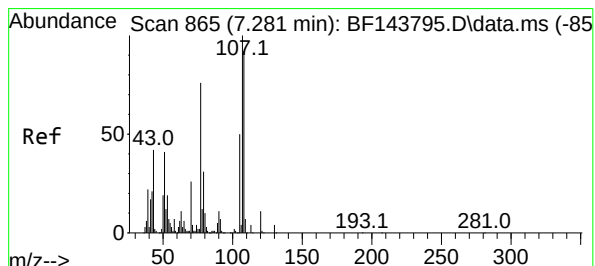
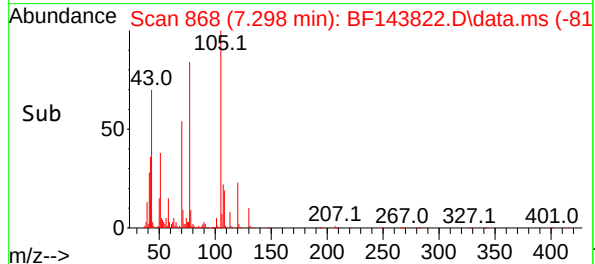
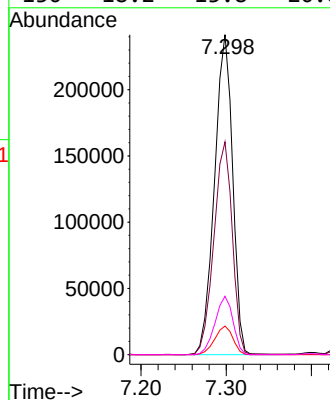
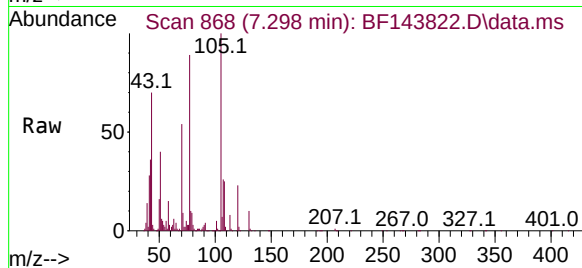
Ion Ratio Lower Upper

70 100

42 66.5 59.4 89.0

101 8.9 7.1 10.7

130 18.2 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.342 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Tgt Ion: 107 Resp: 449419

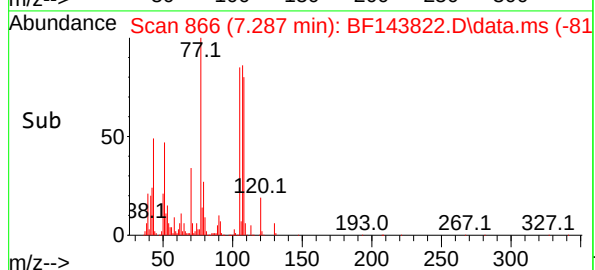
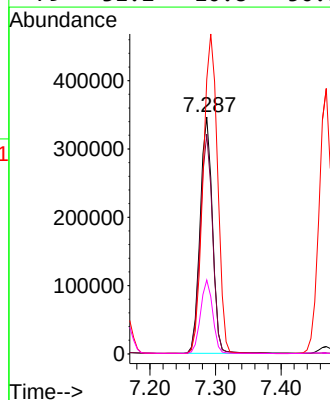
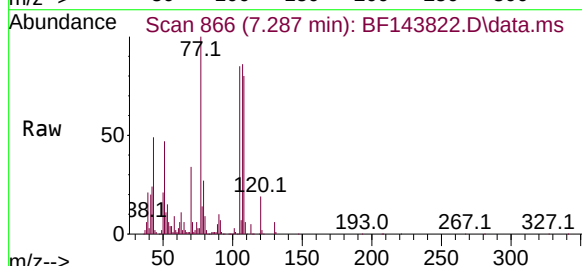
Ion Ratio Lower Upper

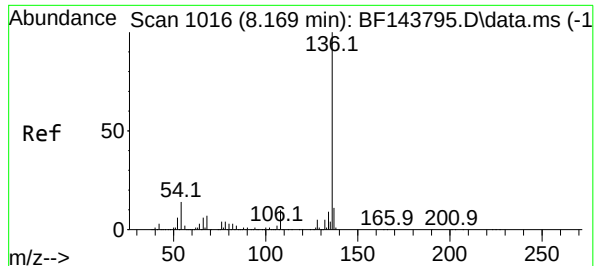
107 100

108 92.7 72.5 112.5

77 115.9 56.2 96.2#

79 31.2 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF143822.D

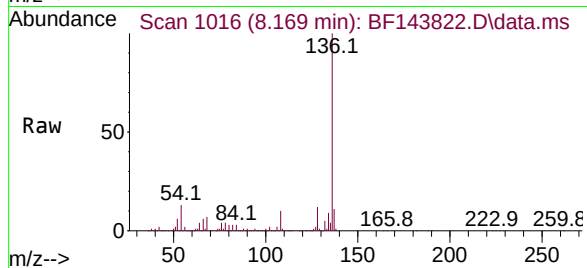
Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS



Tgt Ion:136 Resp: 648417

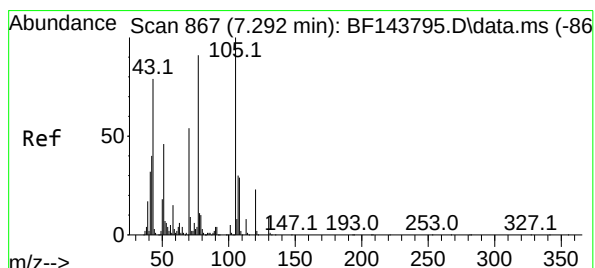
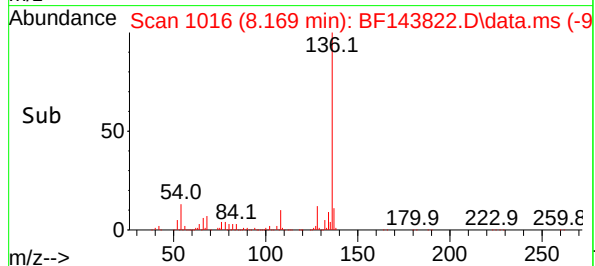
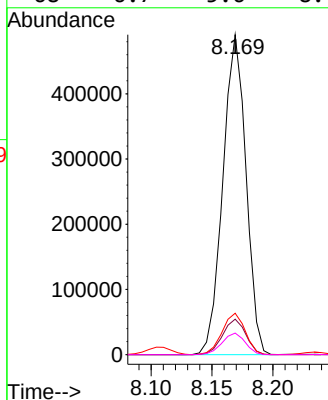
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 13.0 11.2 16.8

68 6.7 5.6 8.4



#22

Acetophenone

Concen: 48.615 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Tgt Ion:105 Resp: 692365

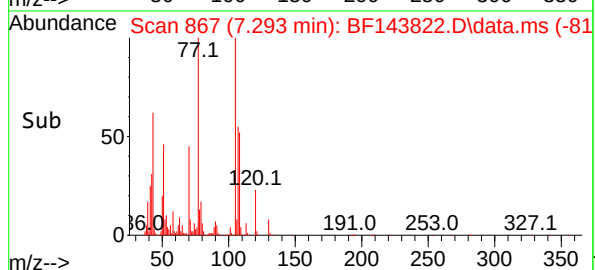
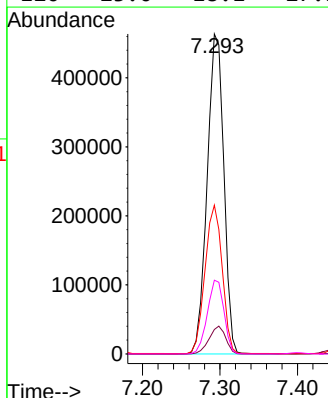
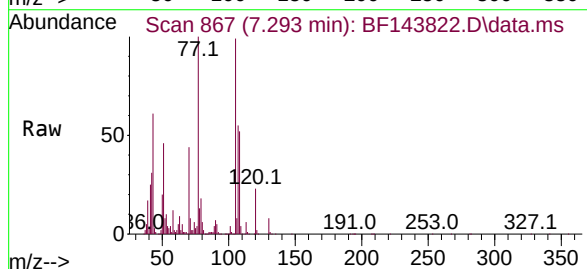
Ion Ratio Lower Upper

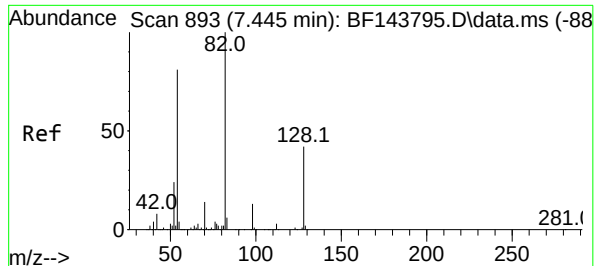
105 100

71 7.6 7.0 10.4

51 46.5 36.6 55.0

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 80.662 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF143822.D

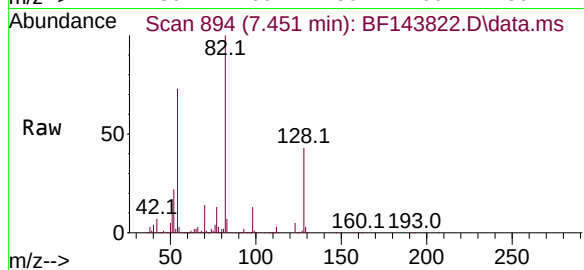
Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS



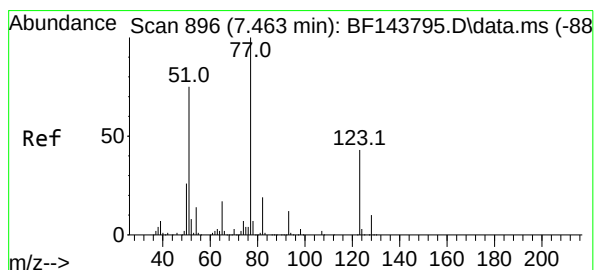
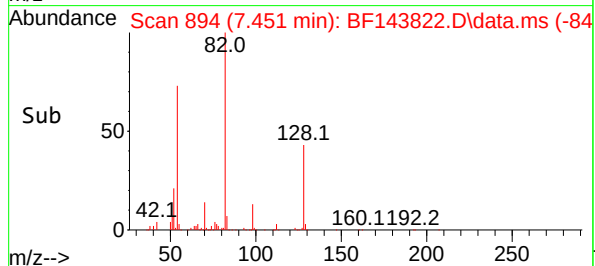
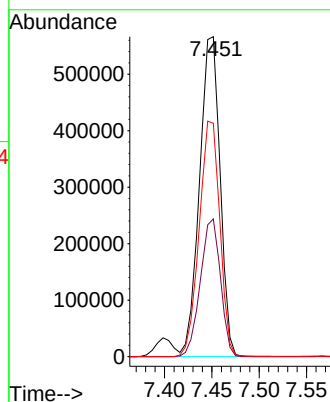
Tgt Ion: 82 Resp: 854459

Ion Ratio Lower Upper

82 100

128 43.0 33.3 49.9

54 72.9 64.2 96.4



#24

Nitrobenzene

Concen: 42.989 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

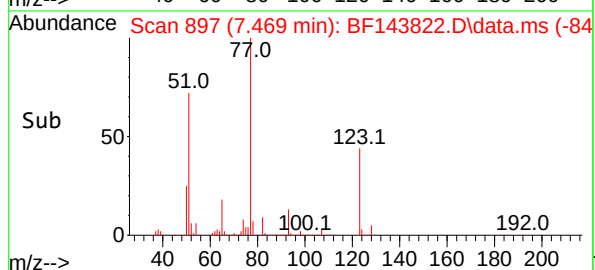
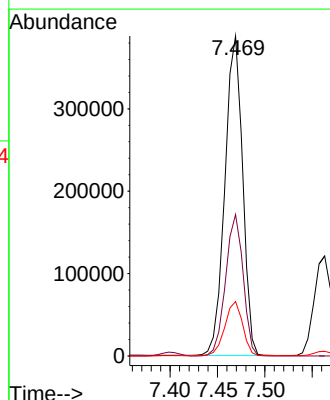
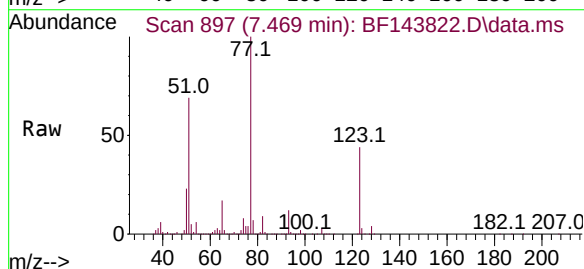
Tgt Ion: 77 Resp: 504755

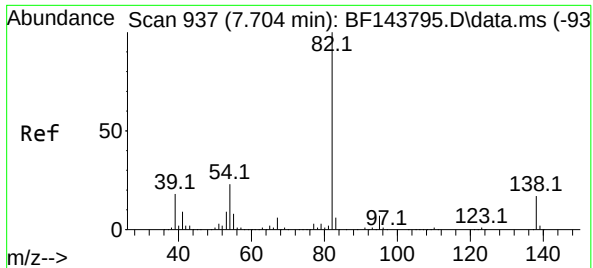
Ion Ratio Lower Upper

77 100

123 44.2 34.0 51.0

65 17.0 13.5 20.3

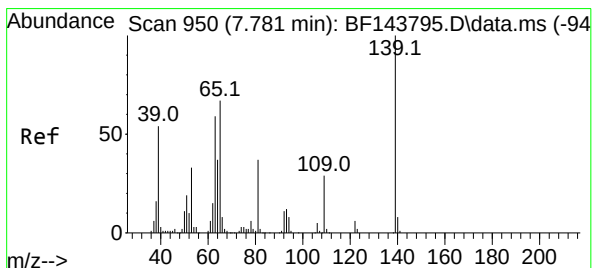
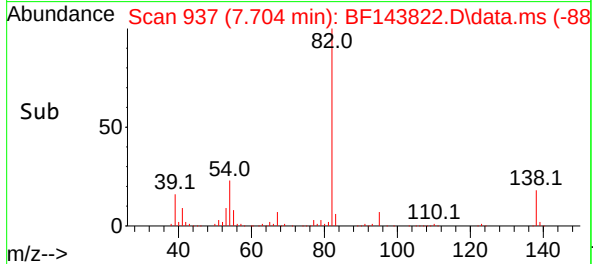
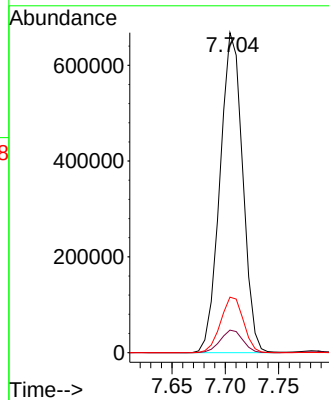
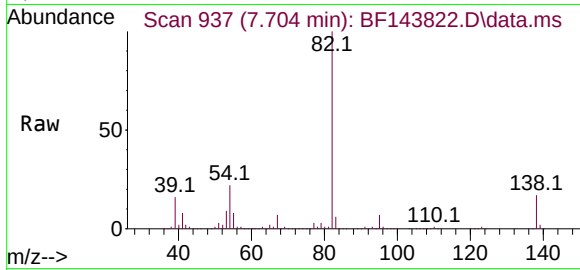




#25
Isophorone
Concen: 48.057 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

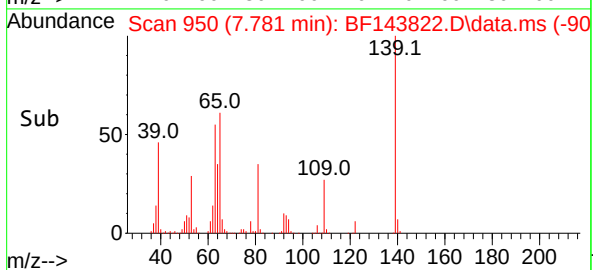
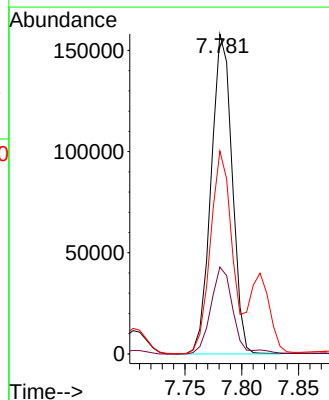
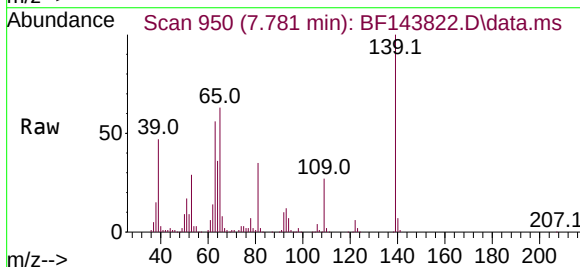
Instrument :
BNA_F
ClientSampleId :
PB169890BS

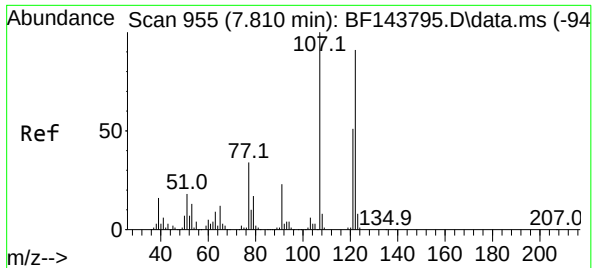
Tgt Ion:	82	Resp:	992015
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.3	13.7	20.5



#26
2-Nitrophenol
Concen: 42.576 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:	139	Resp:	203673
Ion Ratio	Lower	Upper	
139	100		
109	27.1	23.3	34.9
65	63.4	53.8	80.6





#27

2,4-Dimethylphenol

Concen: 49.146 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143822.D

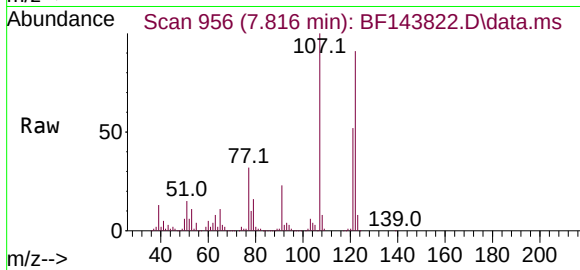
Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS



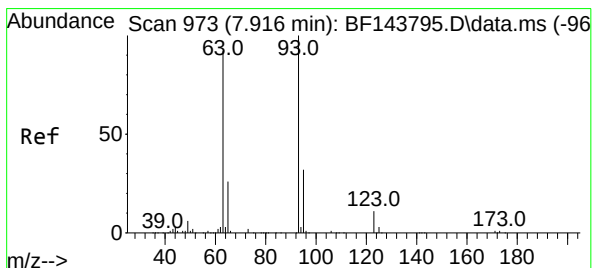
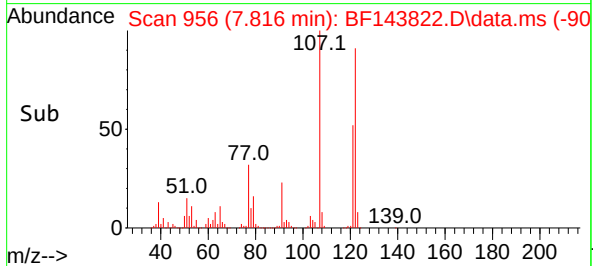
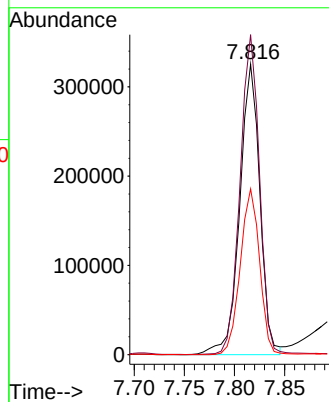
Tgt Ion:122 Resp: 453437

Ion Ratio Lower Upper

122 100

107 110.2 87.5 131.3

121 57.1 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.426 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

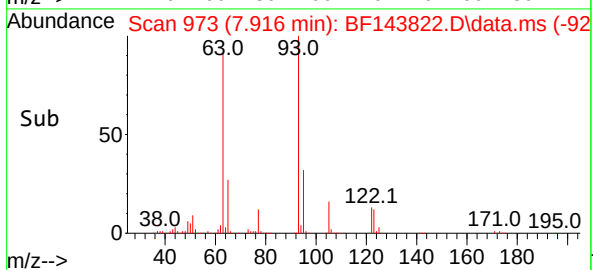
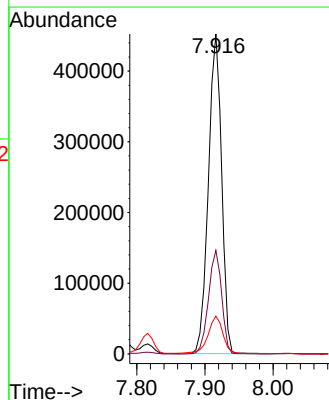
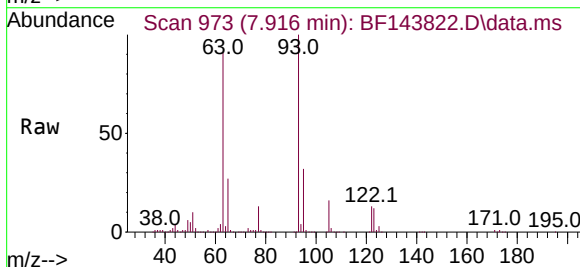
Tgt Ion: 93 Resp: 609224

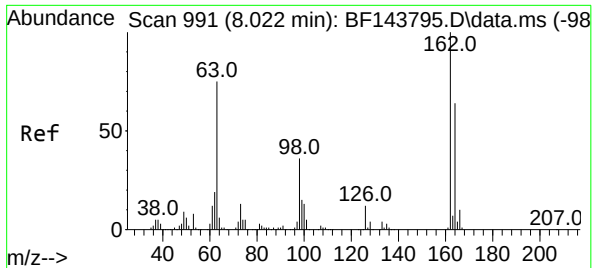
Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.652 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

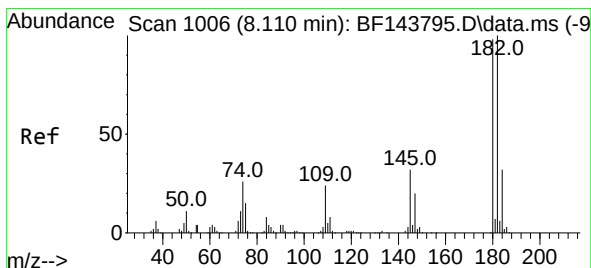
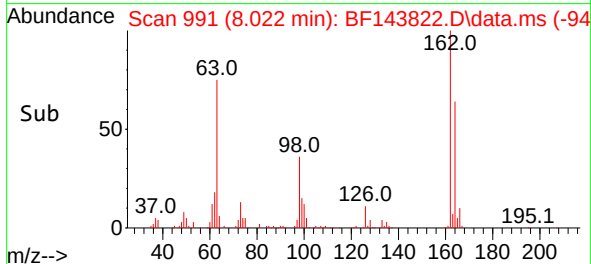
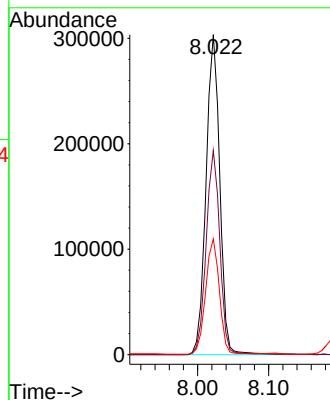
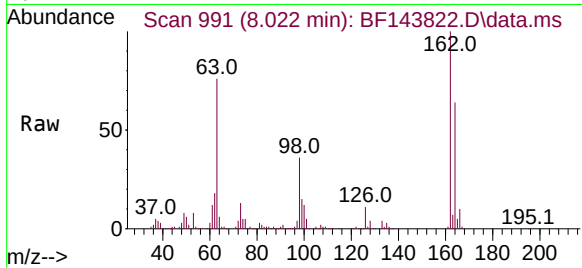
Tgt Ion:162 Resp: 405371

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

98 36.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 47.164 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

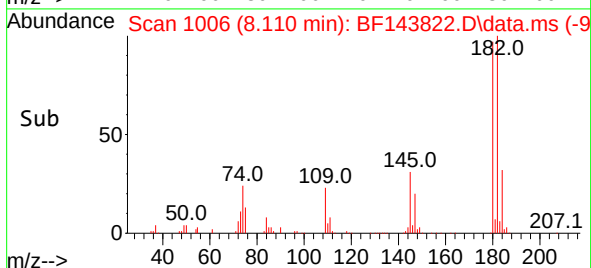
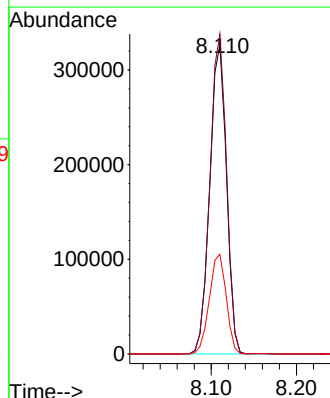
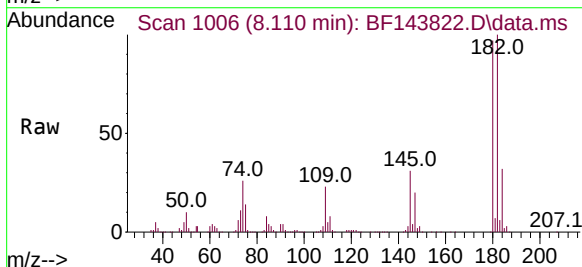
Tgt Ion:180 Resp: 444353

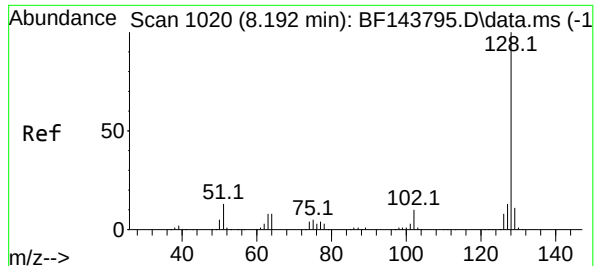
Ion Ratio Lower Upper

180 100

182 103.6 82.0 123.0

145 32.3 25.9 38.9





#31

Naphthalene

Concen: 43.655 ng

RT: 8.193 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

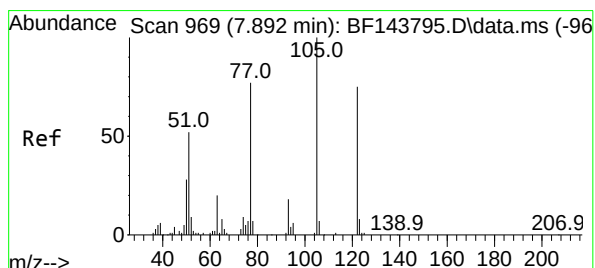
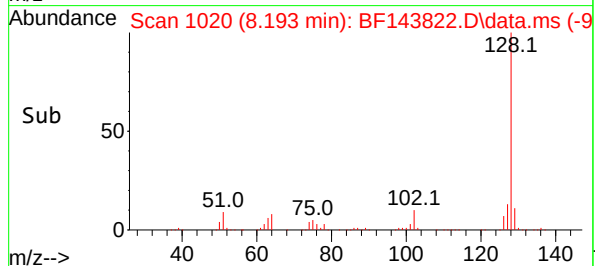
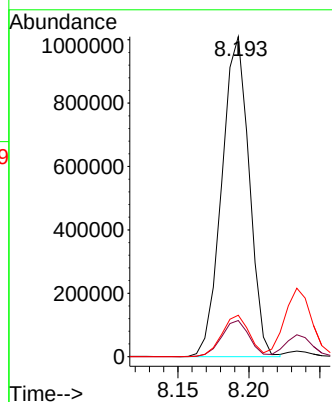
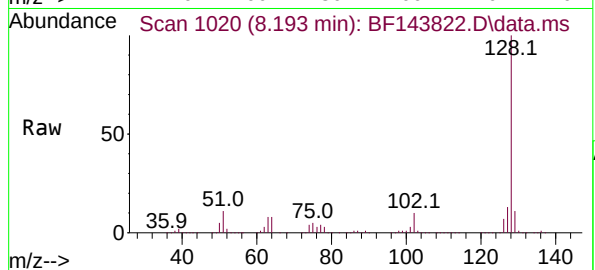
Tgt Ion:128 Resp: 1355080

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 12.9 10.2 15.4



#32

Benzoic acid

Concen: 48.554 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

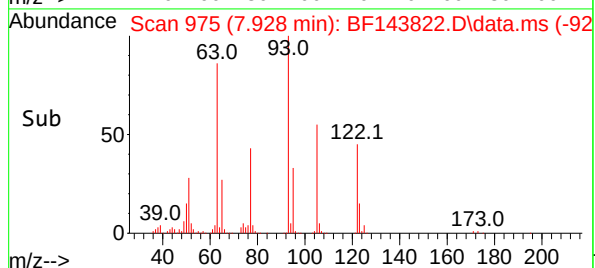
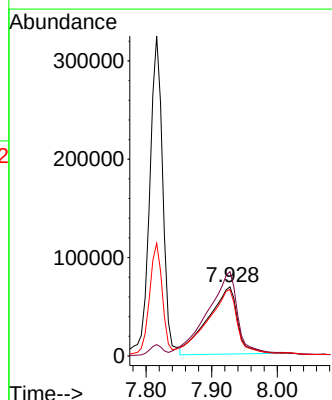
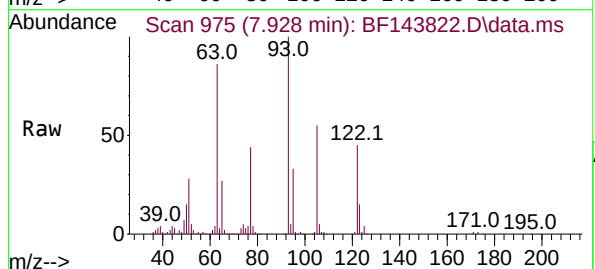
Tgt Ion:122 Resp: 216139

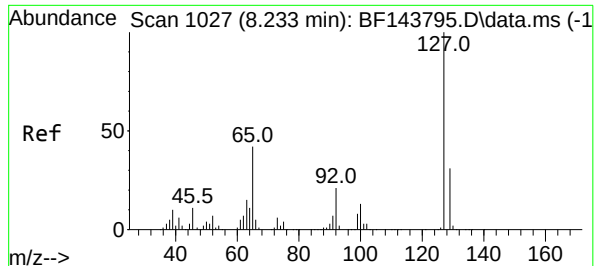
Ion Ratio Lower Upper

122 100

105 121.9 103.7 143.7

77 96.1 78.8 118.8





#33

4-Chloroaniline

Concen: 26.692 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

Tgt Ion:127 Resp: 291158

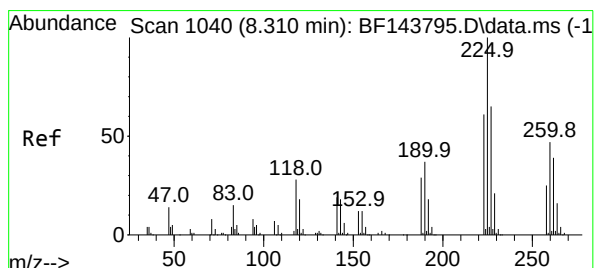
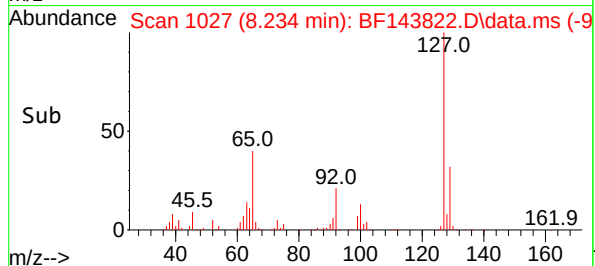
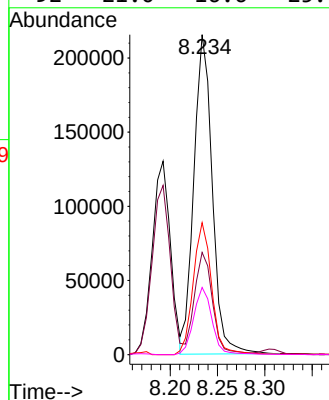
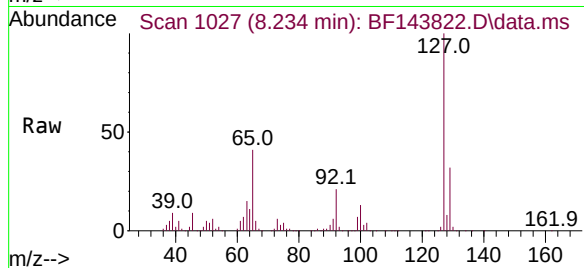
Ion Ratio Lower Upper

127 100

129 31.9 25.4 38.2

65 41.2 33.4 50.2

92 21.0 16.6 25.0



#34

Hexachlorobutadiene

Concen: 45.162 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

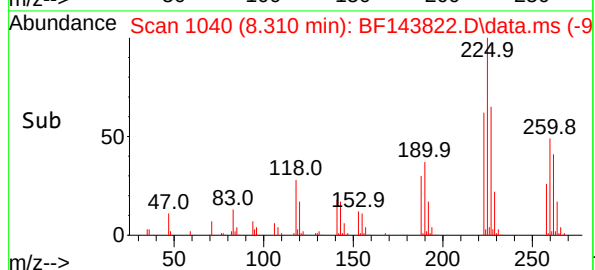
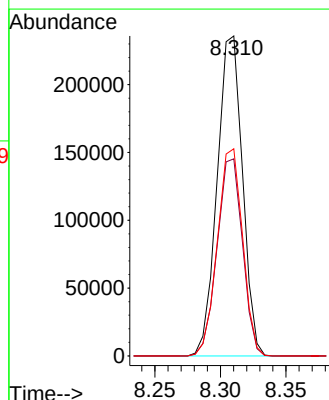
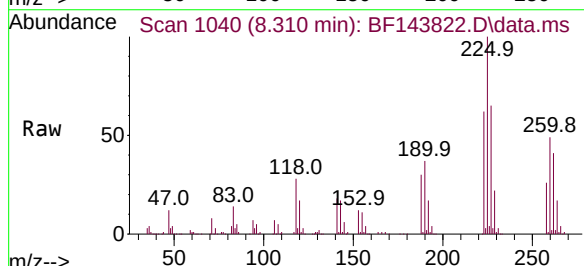
Tgt Ion:225 Resp: 317187

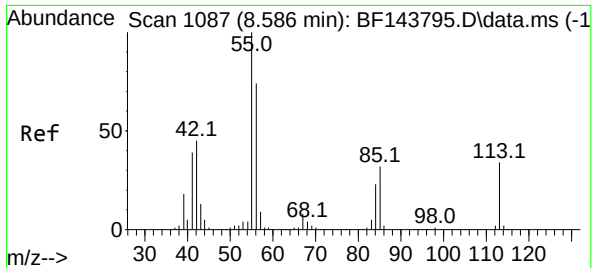
Ion Ratio Lower Upper

225 100

223 61.6 48.6 72.8

227 64.7 51.9 77.9

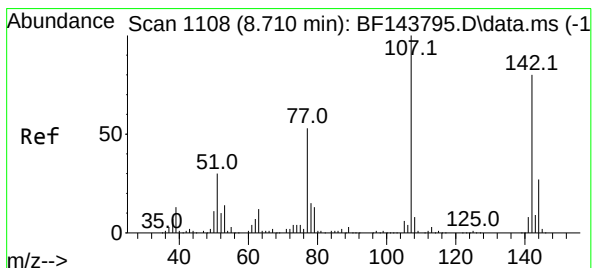
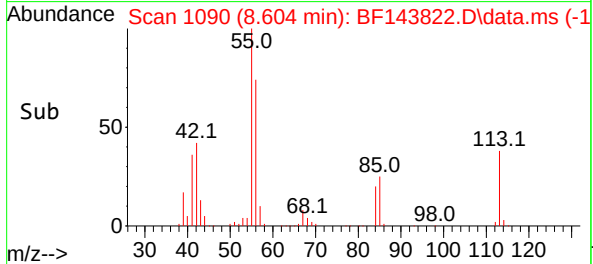
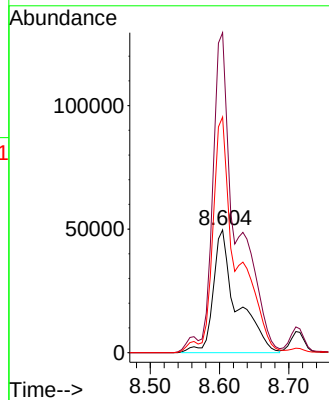
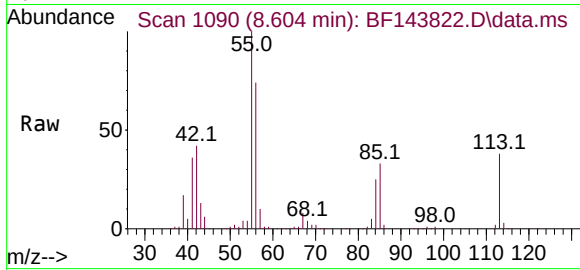




#35
Caprolactam
Concen: 50.873 ng m
RT: 8.604 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

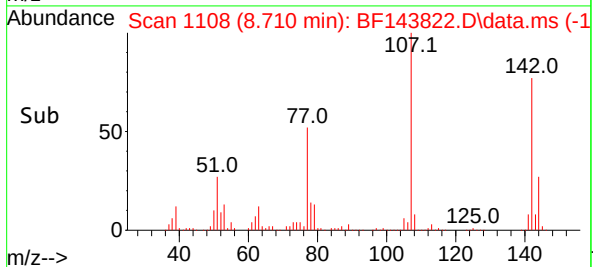
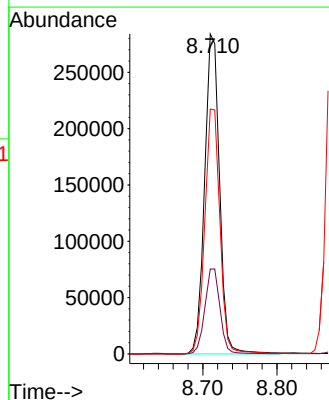
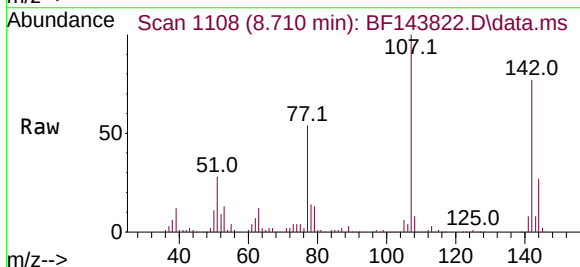
Instrument :
BNA_F
ClientSampleId :
PB169890BS

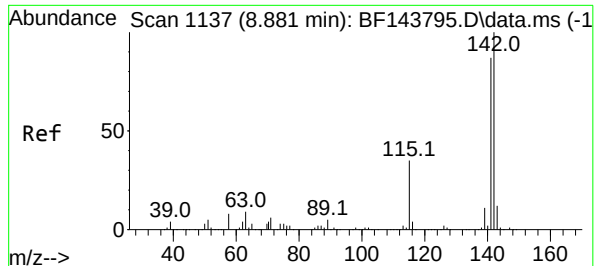
Tgt Ion:113 Resp: 118049
Ion Ratio Lower Upper
113 100
55 260.9 271.7 311.7#
56 192.1 194.5 234.5#



#36
4-Chloro-3-methylphenol
Concen: 46.675 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:107 Resp: 397412
Ion Ratio Lower Upper
107 100
144 26.5 21.8 32.8
142 76.5 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.836 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

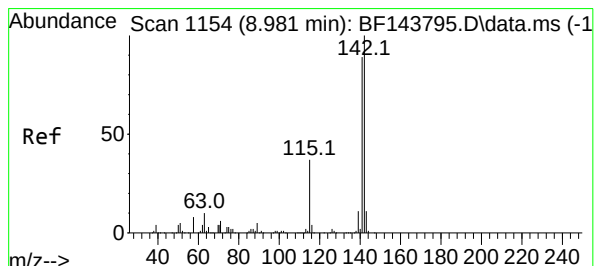
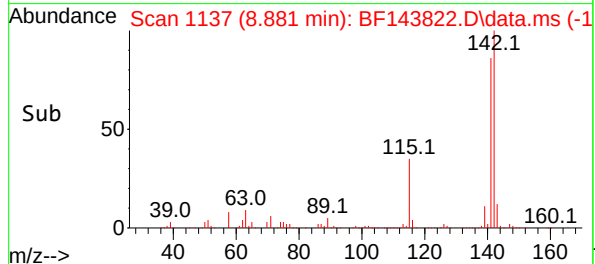
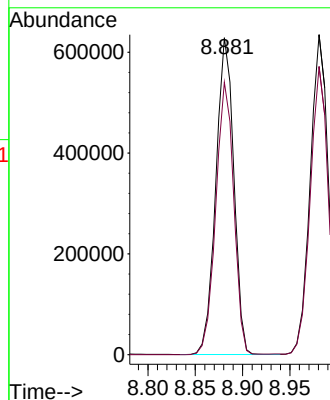
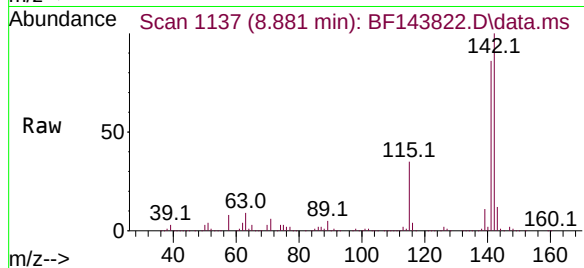
PB169890BS

Tgt Ion:142 Resp: 828066

Ion Ratio Lower Upper

142 100

141 85.9 69.4 104.0



#38

1-Methylnaphthalene

Concen: 43.838 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143822.D

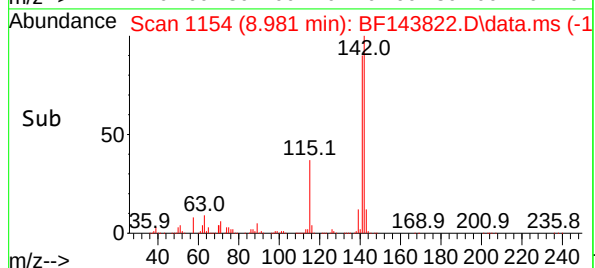
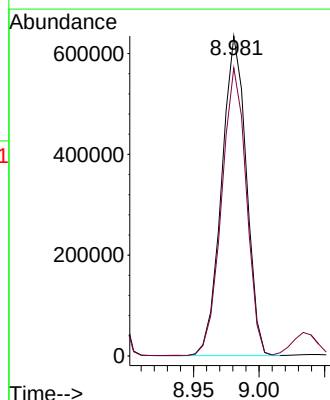
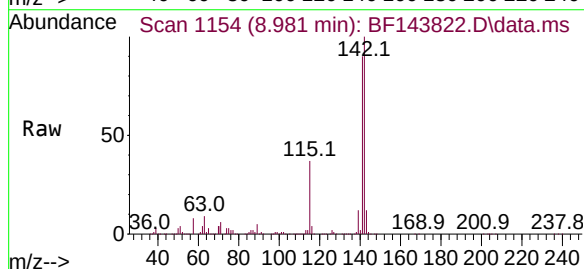
Acq: 29 Sep 2025 15:11

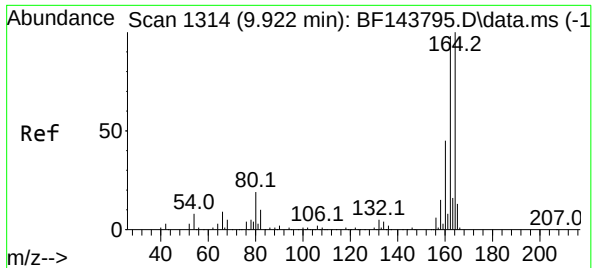
Tgt Ion:142 Resp: 830520

Ion Ratio Lower Upper

142 100

141 90.0 71.1 106.7

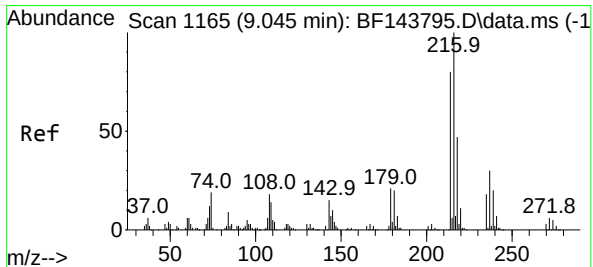
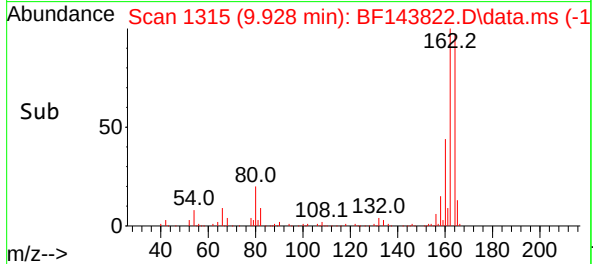
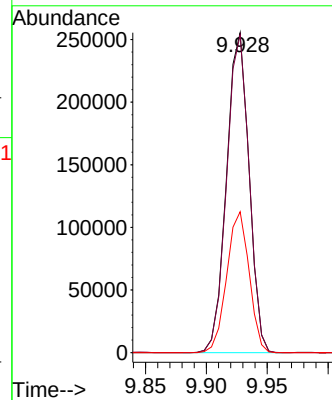
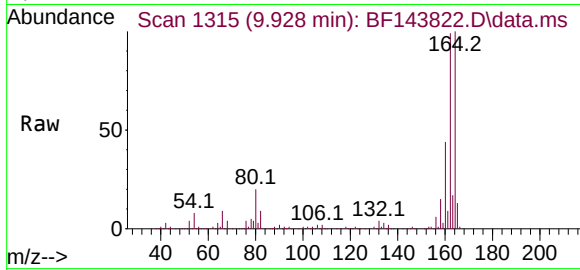




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

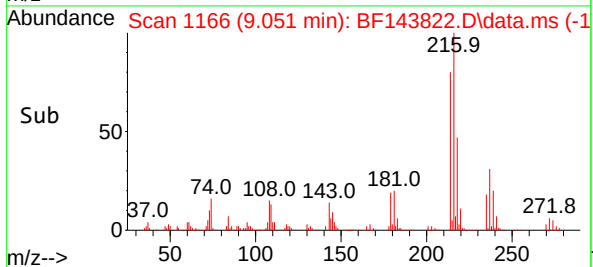
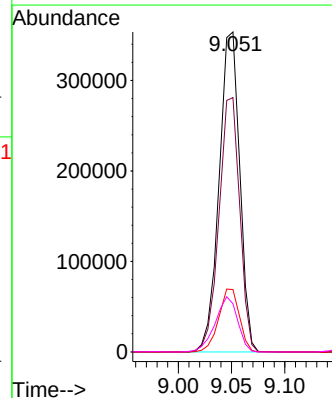
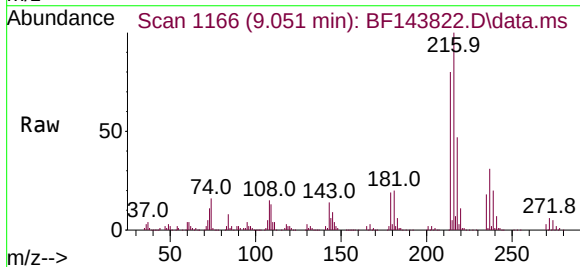
Instrument :
BNA_F
ClientSampleId :
PB169890BS

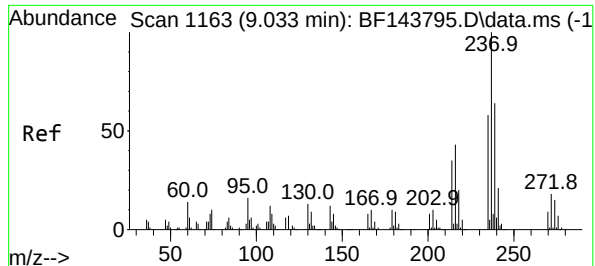
Tgt Ion:164 Resp: 329040
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 44.1 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.139 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

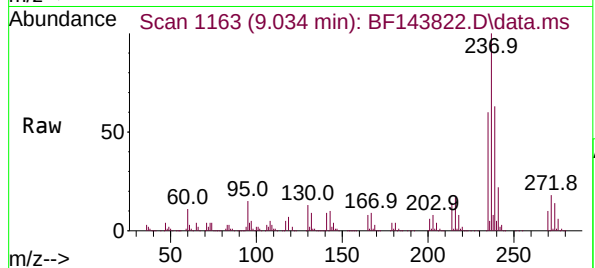
Tgt Ion:216 Resp: 478009
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 19.7 16.5 24.7
108 18.6 14.9 22.3



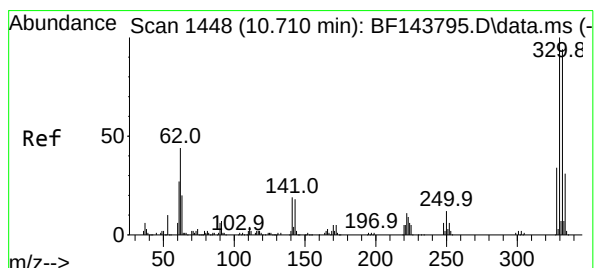
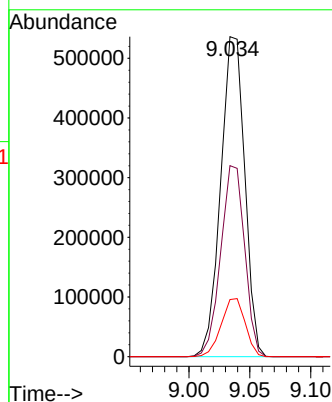
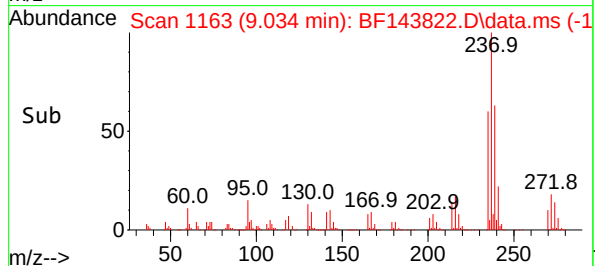


#41
Hexachlorocyclopentadiene
Concen: 116.922 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

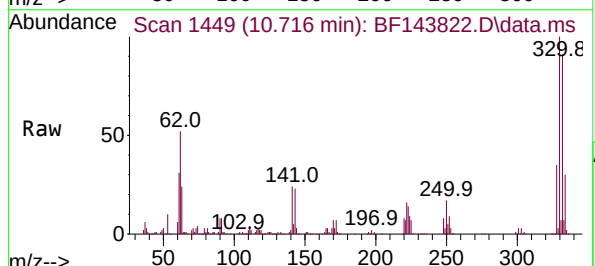
Instrument :
BNA_F
ClientSampleId :
PB169890BS



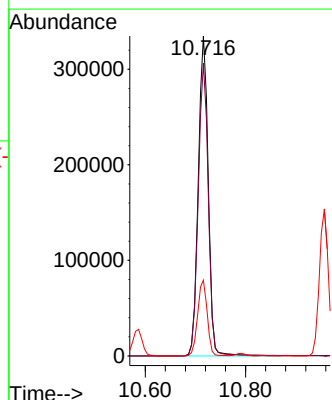
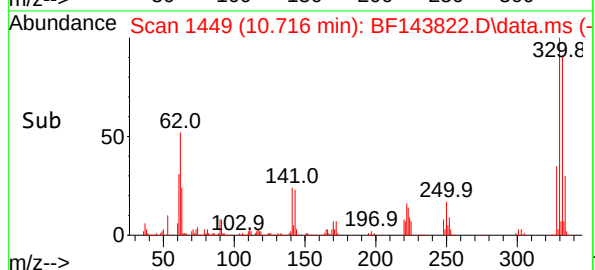
Tgt Ion: 237 Resp: 735819
Ion Ratio Lower Upper
237 100
235 59.7 38.1 78.1
272 17.8 0.0 37.9

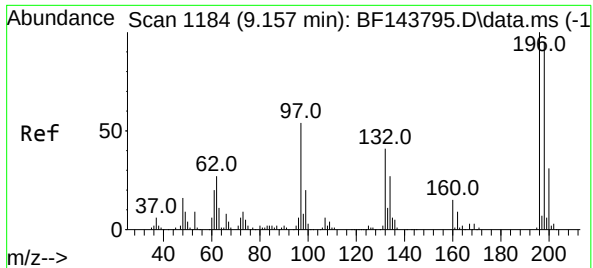


#42
2,4,6-Tribromophenol
Concen: 95.146 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11



Tgt Ion: 330 Resp: 463549
Ion Ratio Lower Upper
330 100
332 92.0 74.7 112.1
141 22.5 14.3 21.5#





#43

2,4,6-Trichlorophenol

Concen: 47.838 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

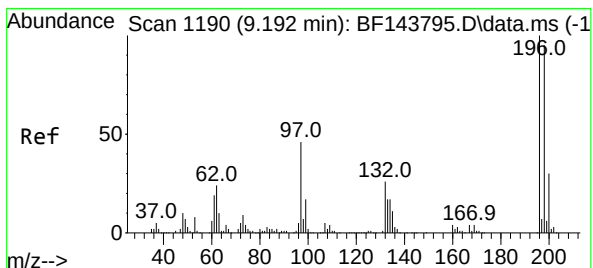
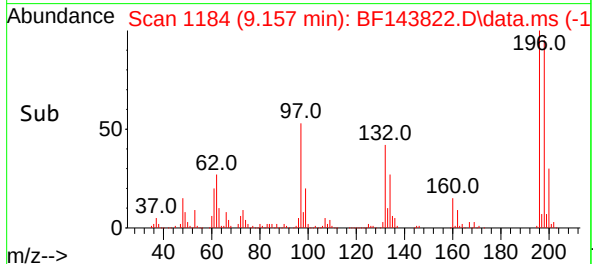
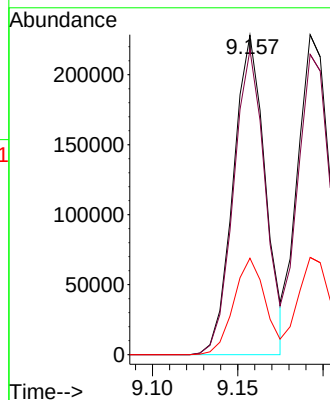
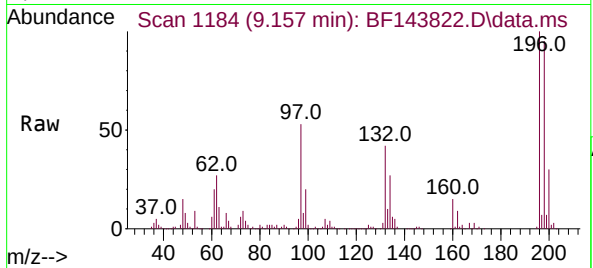
Tgt Ion:196 Resp: 297444

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

200 30.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.644 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Tgt Ion:196 Resp: 303357

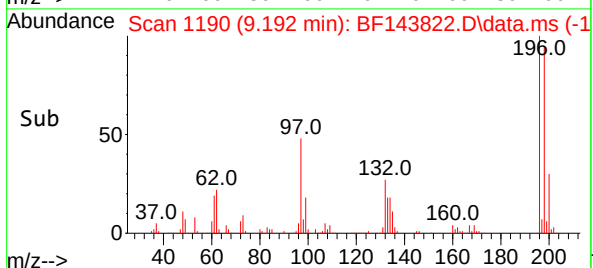
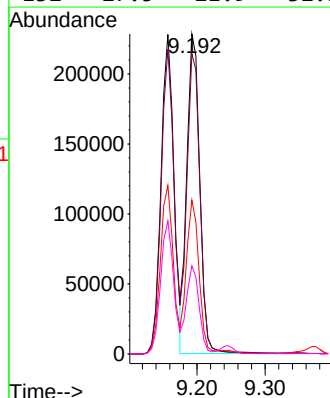
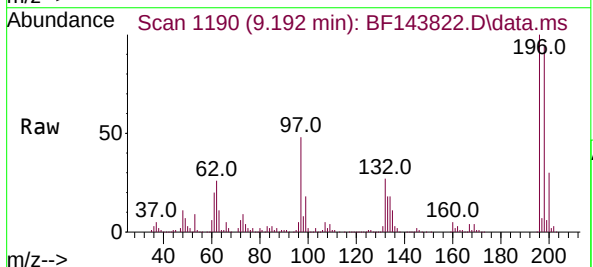
Ion Ratio Lower Upper

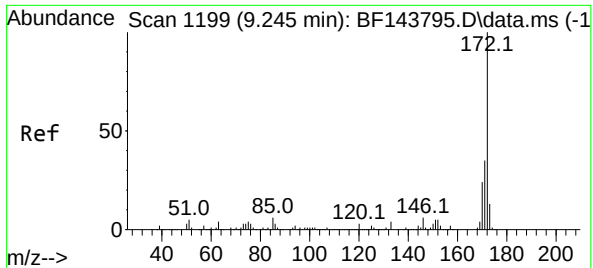
196 100

198 93.8 75.9 113.9

97 48.0 38.3 57.5

132 27.5 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 83.993 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

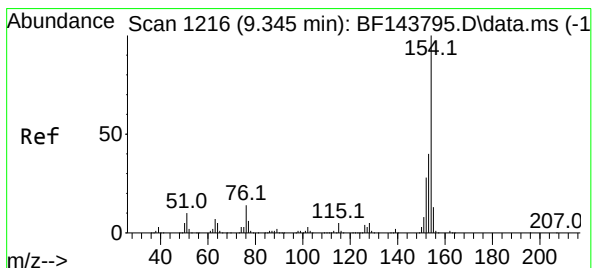
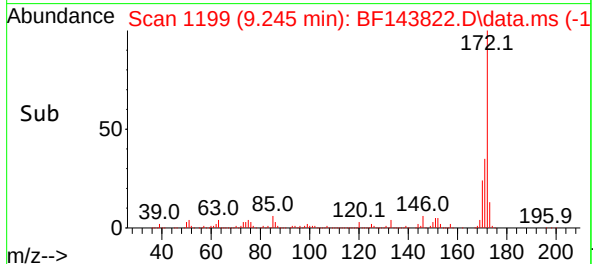
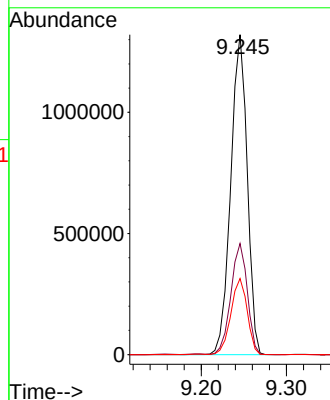
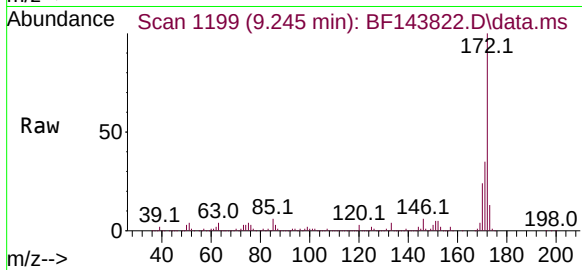
Tgt Ion:172 Resp: 1771047

Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.923 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

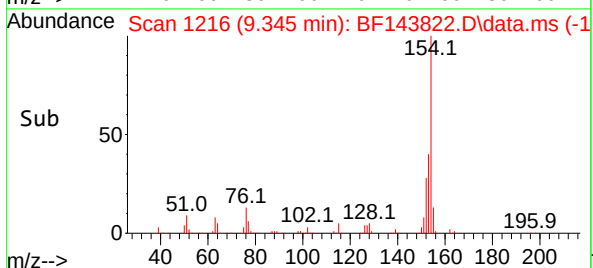
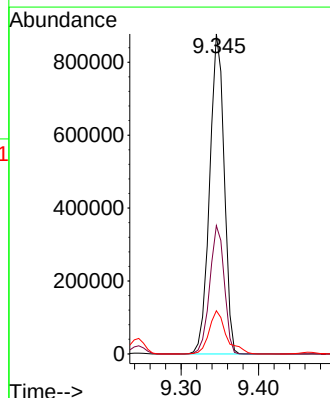
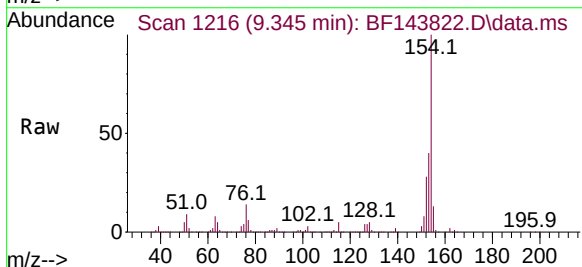
Tgt Ion:154 Resp: 1141438

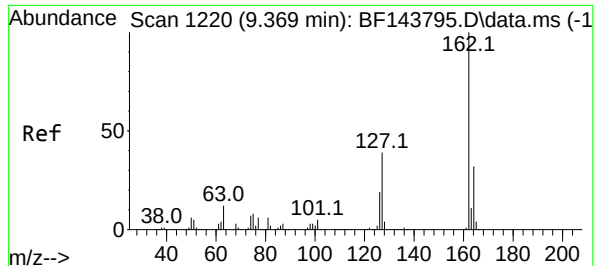
Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 13.5 0.0 33.8





#47

2-Chloronaphthalene

Concen: 44.018 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

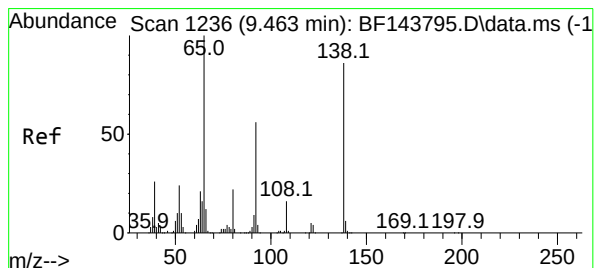
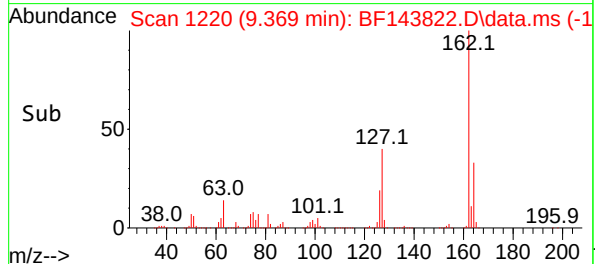
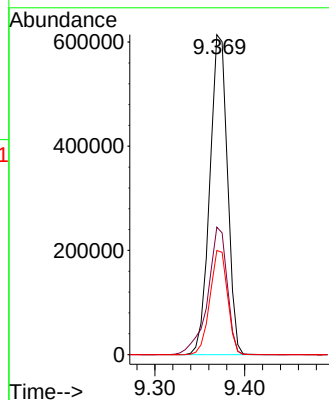
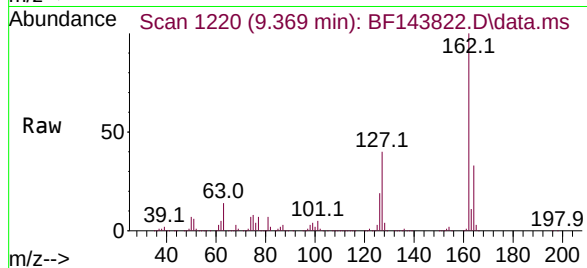
Tgt Ion:162 Resp: 843943

Ion Ratio Lower Upper

162 100

127 39.8 31.5 47.3

164 32.5 25.9 38.9



#48

2-Nitroaniline

Concen: 48.177 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

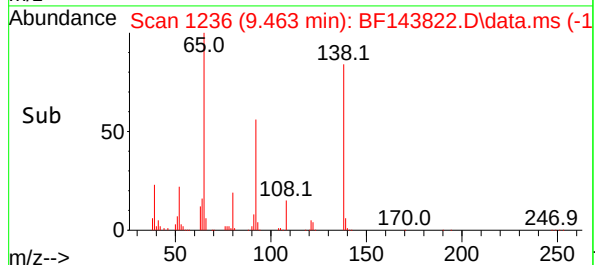
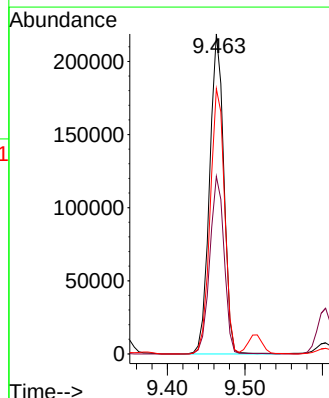
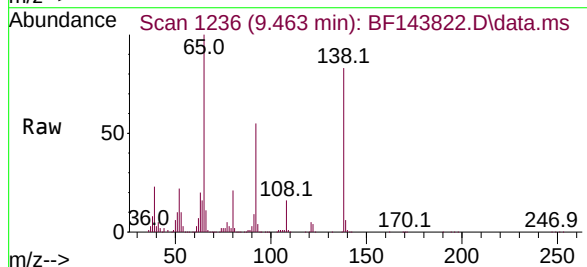
Tgt Ion: 65 Resp: 279167

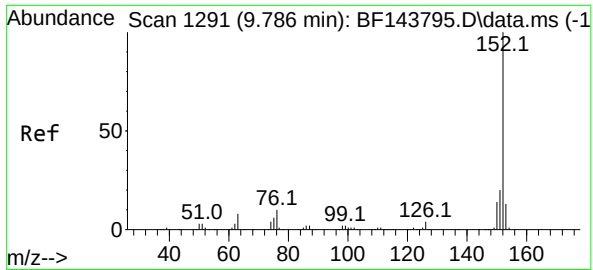
Ion Ratio Lower Upper

65 100

92 55.5 44.9 67.3

138 82.9 69.0 103.4





#49

Acenaphthylene

Concen: 50.311 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

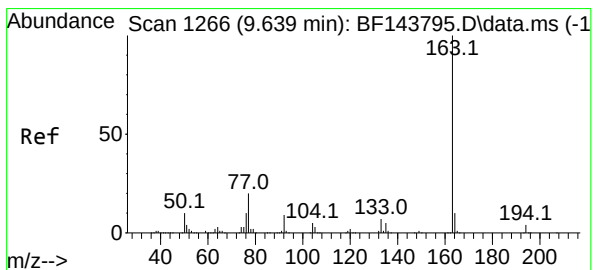
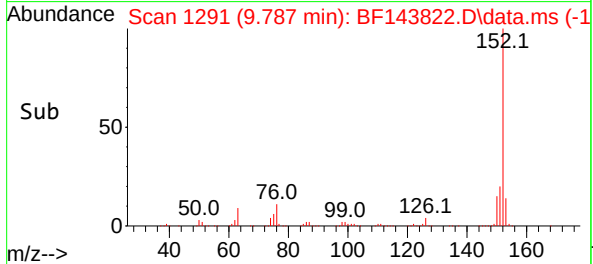
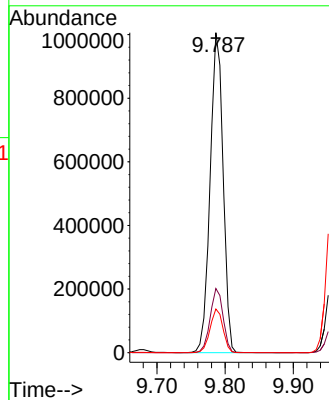
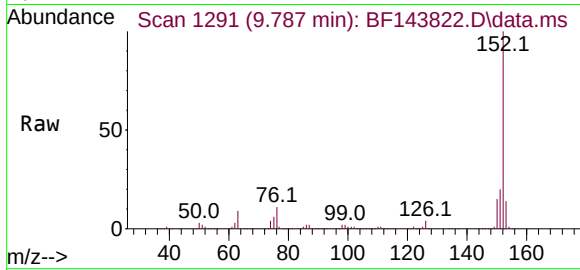
Tgt Ion:152 Resp: 1327888

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.6 10.6 15.8



#50

Dimethylphthalate

Concen: 46.291 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

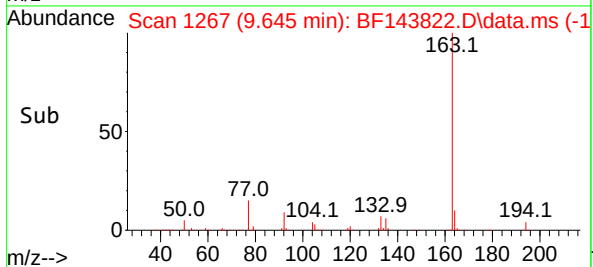
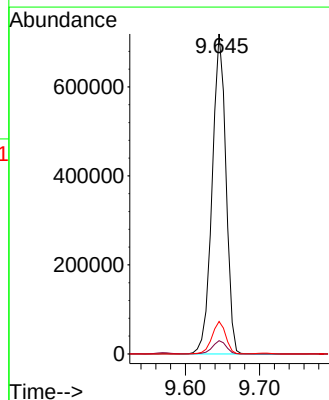
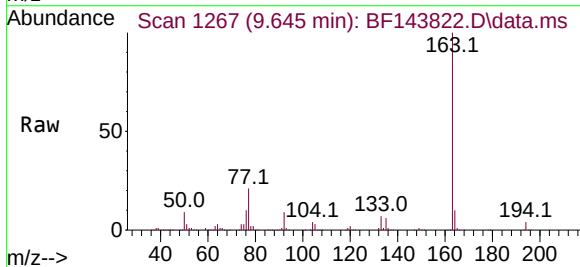
Tgt Ion:163 Resp: 928375

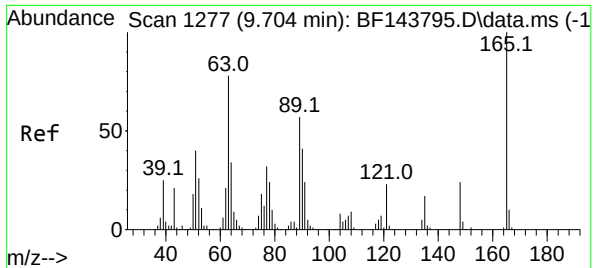
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

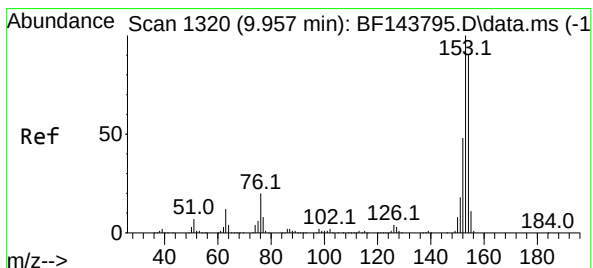
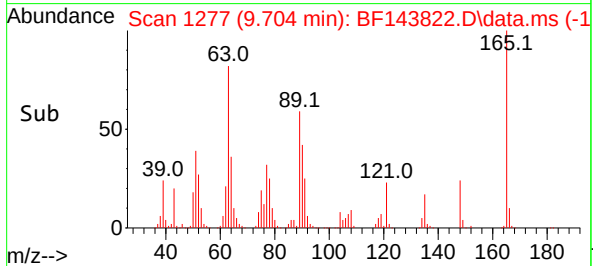
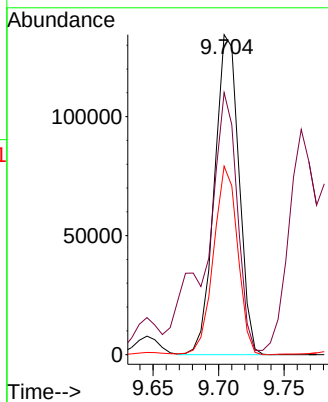
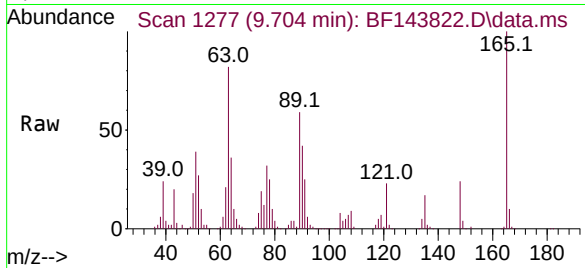




#51
2,6-Dinitrotoluene
Concen: 53.108 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

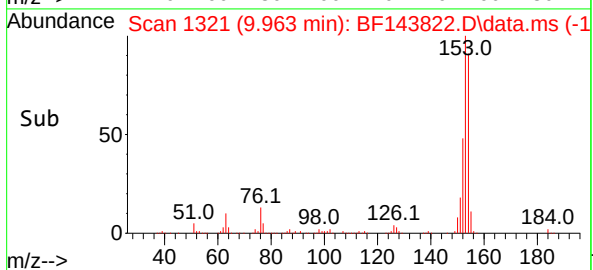
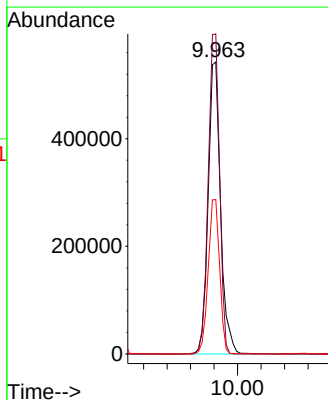
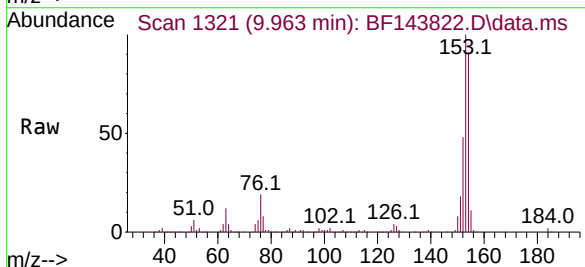
Instrument :
BNA_F
ClientSampleId :
PB169890BS

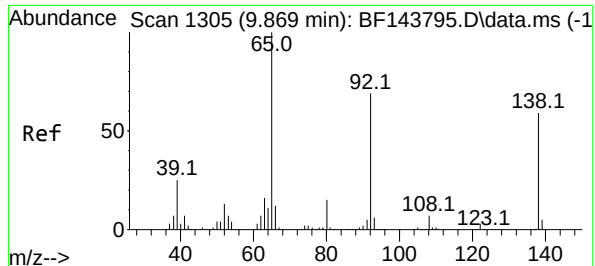
Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.9	62.6	94.0
89	58.9	45.2	67.8



#52
Acenaphthene
Concen: 45.786 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	88.7	133.1
152	52.9	42.7	64.1





#53

3-Nitroaniline

Concen: 31.851 ng

RT: 9.875 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

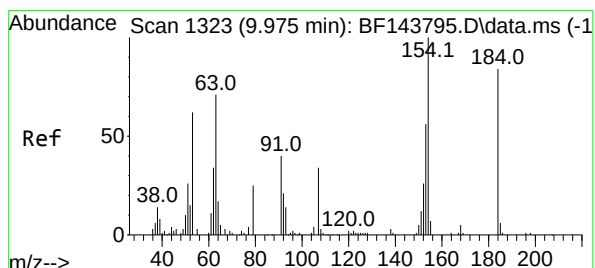
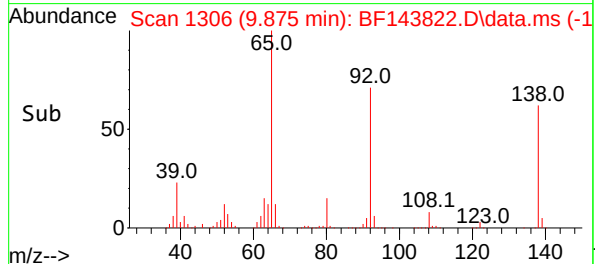
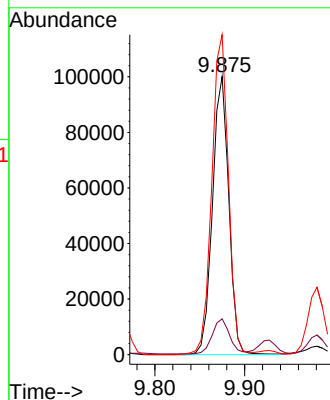
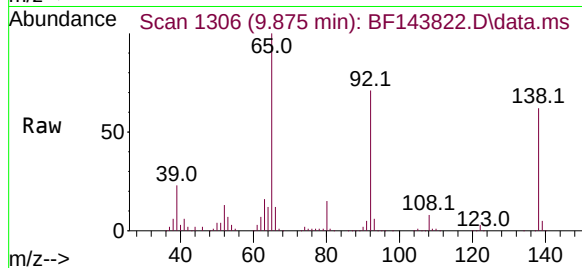
Tgt Ion:138 Resp: 127213

Ion Ratio Lower Upper

138 100

108 12.9 9.9 14.9

92 115.0 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 83.021 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

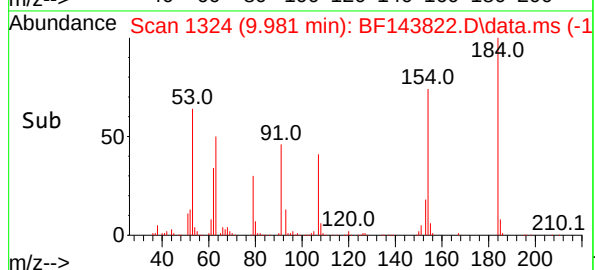
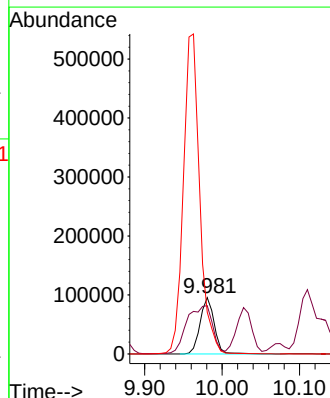
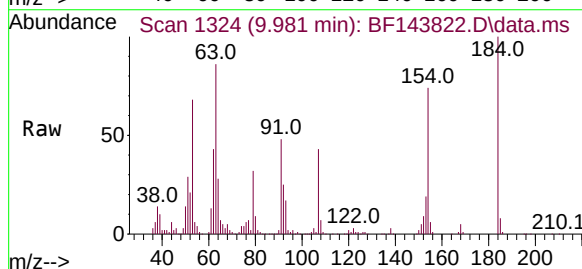
Tgt Ion:184 Resp: 120192

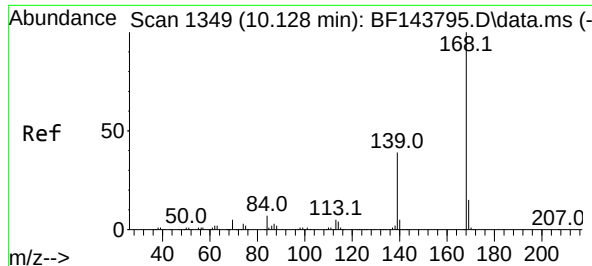
Ion Ratio Lower Upper

184 100

63 85.9 84.6 127.0

154 74.3 199.3 298.9#





#55

Dibenzofuran

Concen: 45.298 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

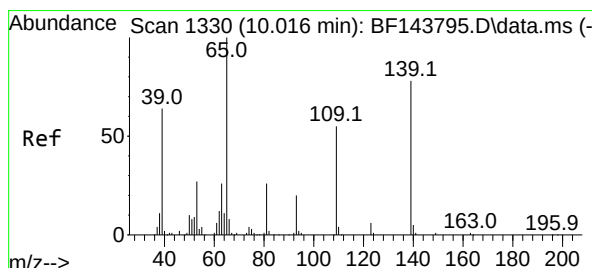
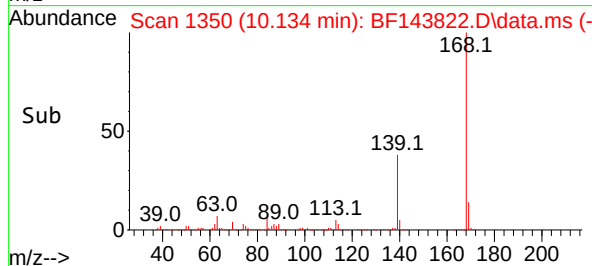
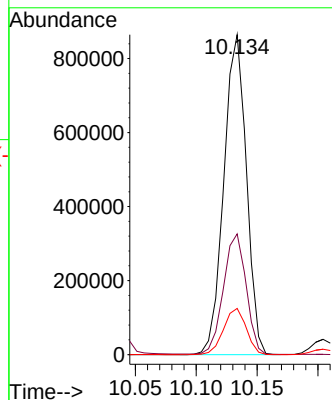
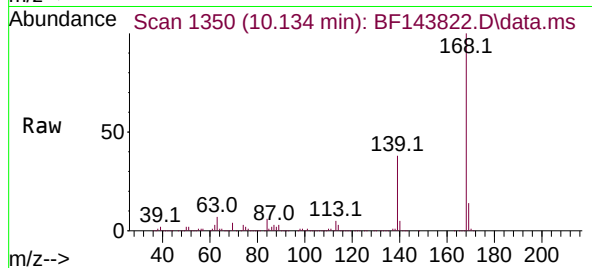
Tgt Ion:168 Resp: 1112566

Ion Ratio Lower Upper

168 100

139 37.7 31.0 46.6

169 14.4 11.9 17.9



#56

4-Nitrophenol

Concen: 87.443 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

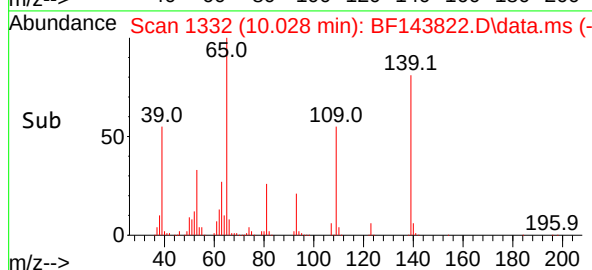
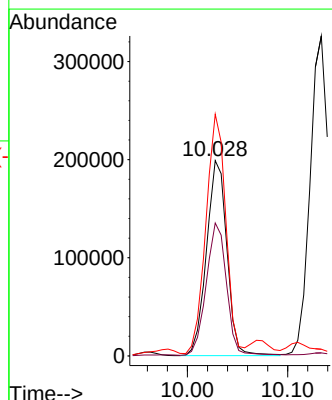
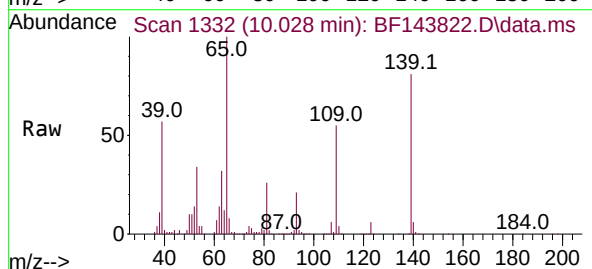
Tgt Ion:139 Resp: 281436

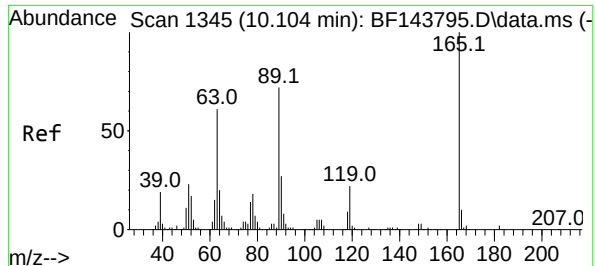
Ion Ratio Lower Upper

139 100

109 68.0 50.2 90.2

65 123.8 109.2 149.2

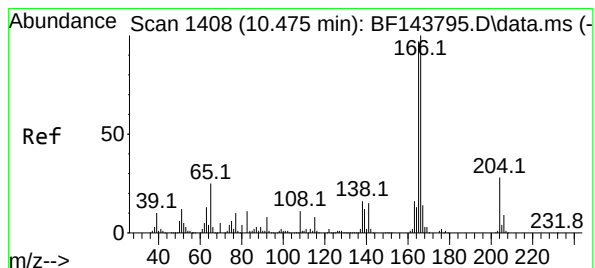
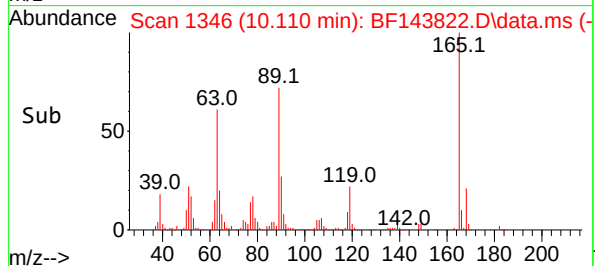
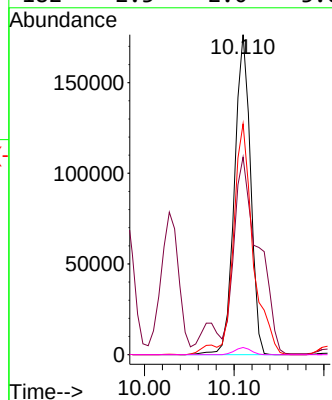
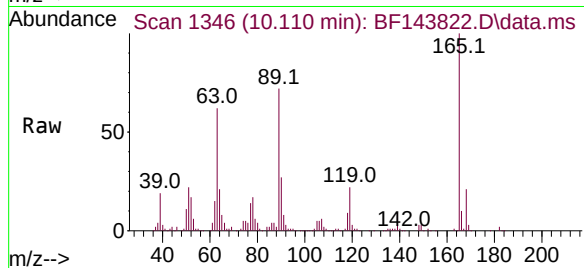




#57
2,4-Dinitrotoluene
Concen: 45.266 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

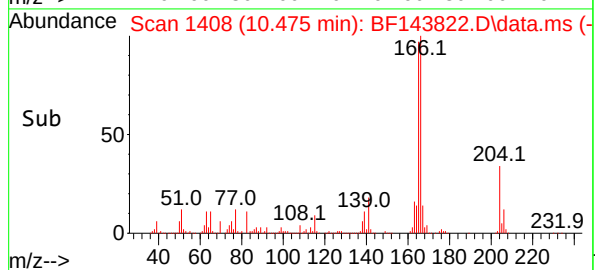
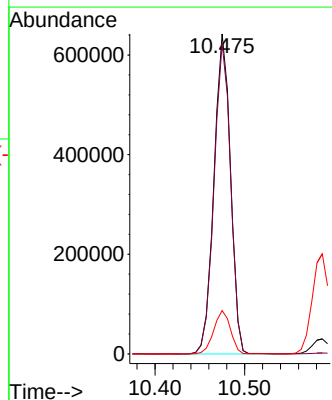
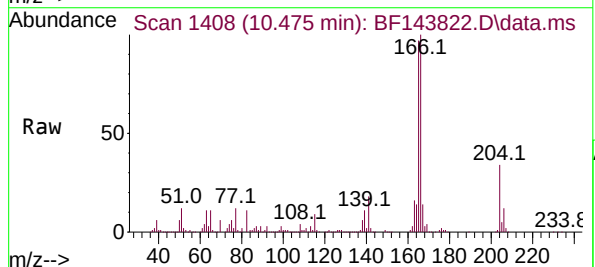
Instrument :
BNA_F
ClientSampleId :
PB169890BS

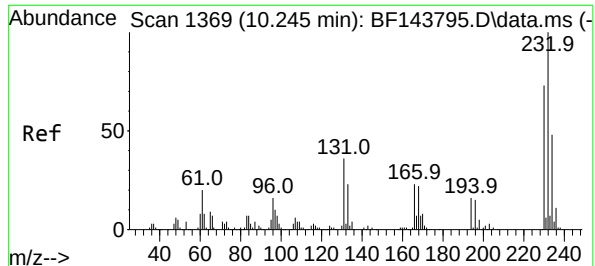
Tgt Ion:165 Resp: 220523
Ion Ratio Lower Upper
165 100
63 61.7 48.9 73.3
89 72.1 57.5 86.3
182 2.3 2.0 3.0



#58
Fluorene
Concen: 45.057 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:166 Resp: 822711
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.5 10.9 16.3

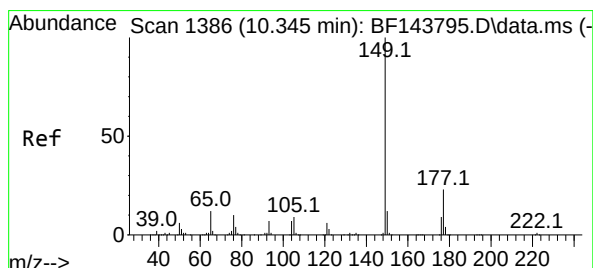
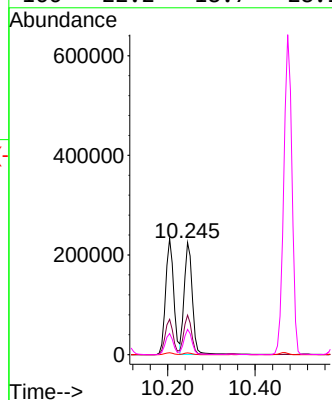
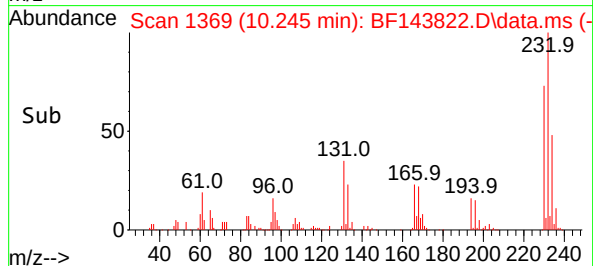
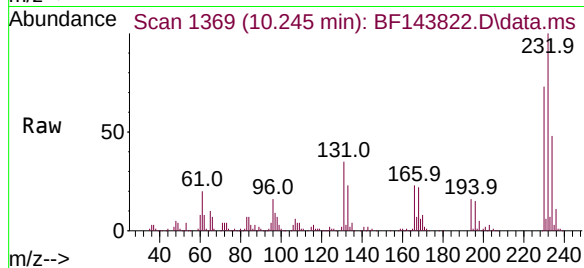




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.346 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

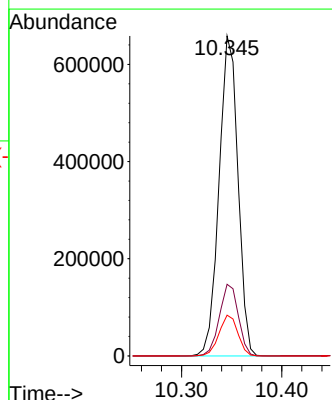
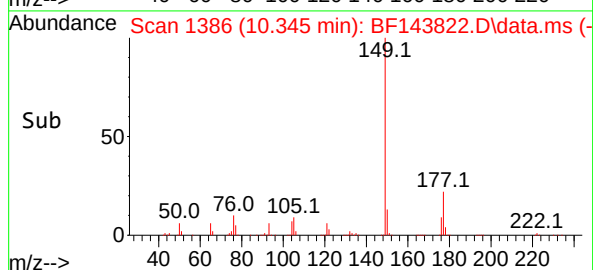
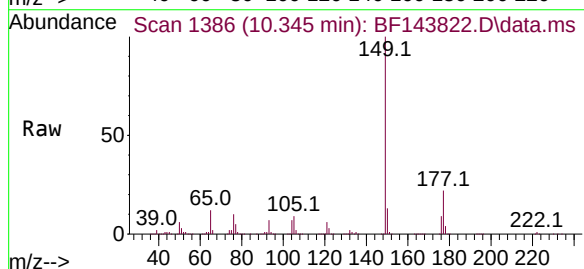
Instrument :
BNA_F
ClientSampleId :
PB169890BS

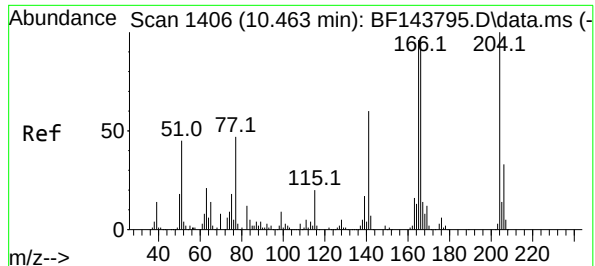
Tgt Ion:232 Resp: 291646
Ion Ratio Lower Upper
232 100
131 35.0 29.4 44.2
130 1.5 1.3 1.9
166 22.2 18.7 28.1



#60
Diethylphthalate
Concen: 45.995 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:149 Resp: 863485
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.7 9.7 14.5

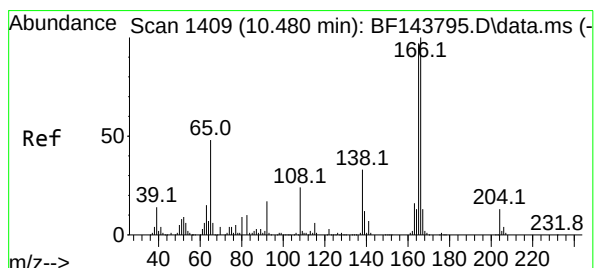
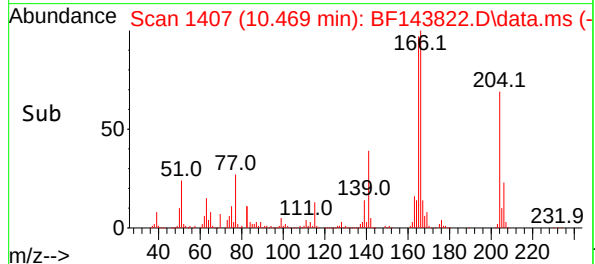
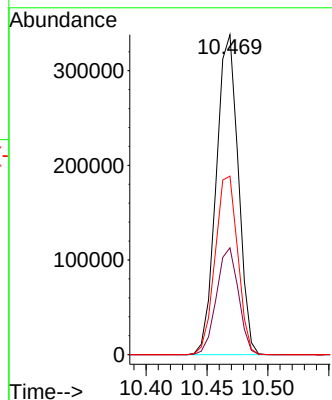
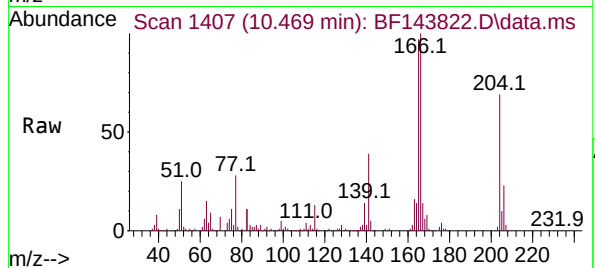




#61
4-Chlorophenyl-phenylether
Concen: 45.666 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

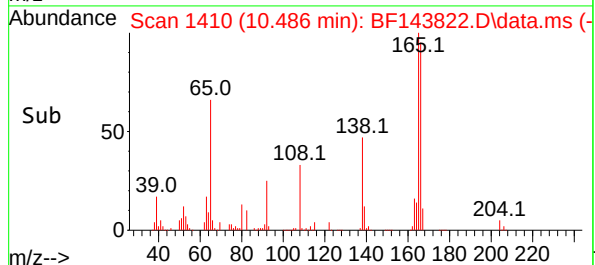
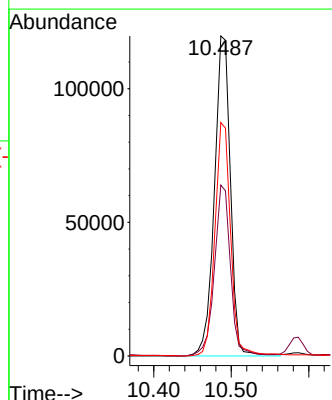
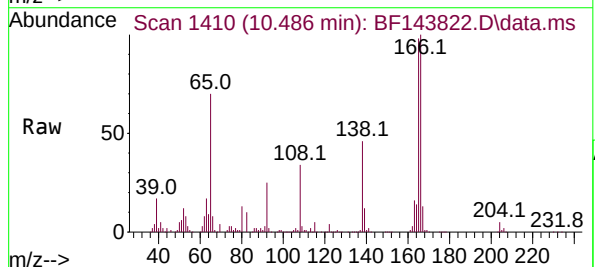
Instrument :
BNA_F
ClientSampleId :
PB169890BS

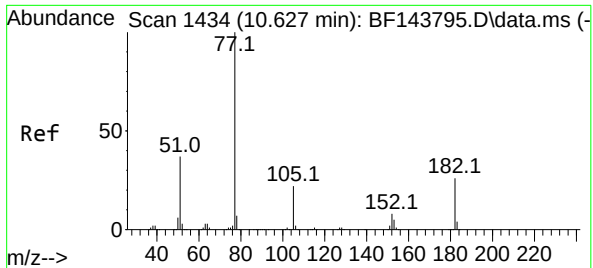
Tgt Ion:204 Resp: 424859
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 55.8 48.2 72.2



#62
4-Nitroaniline
Concen: 45.819 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:138 Resp: 172068
Ion Ratio Lower Upper
138 100
92 53.4 31.5 71.5
108 72.9 51.9 91.9

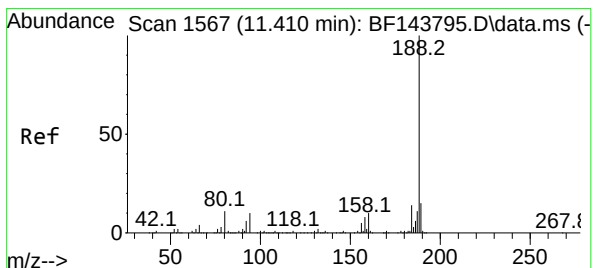
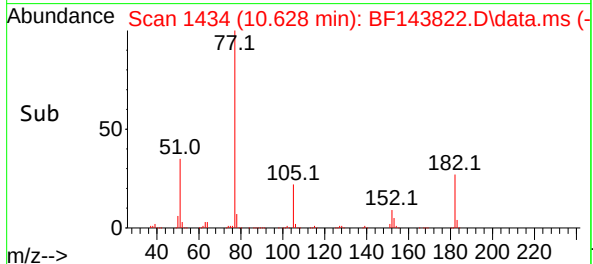
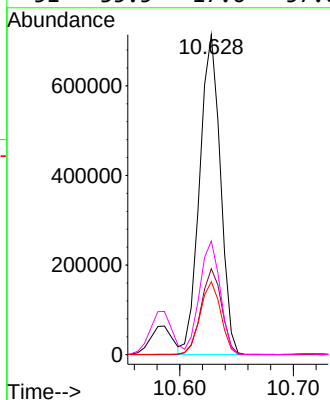
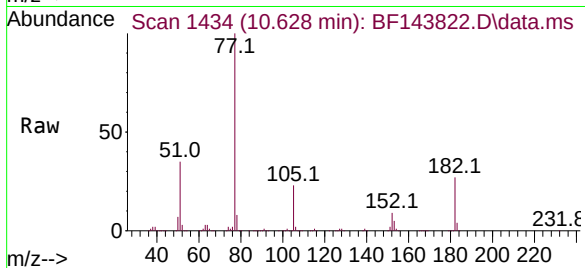




#63
Azobenzene
Concen: 45.742 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

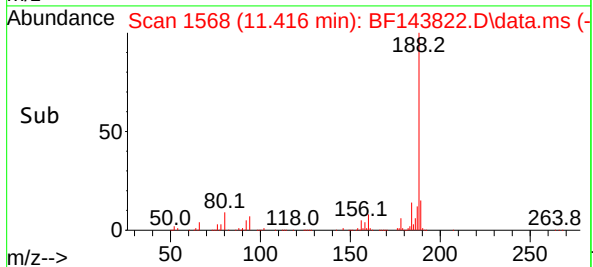
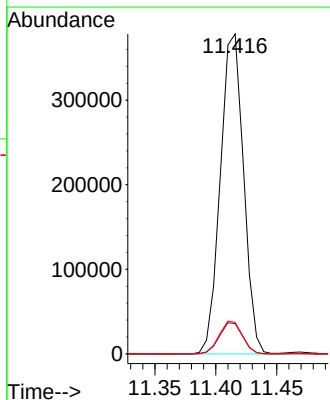
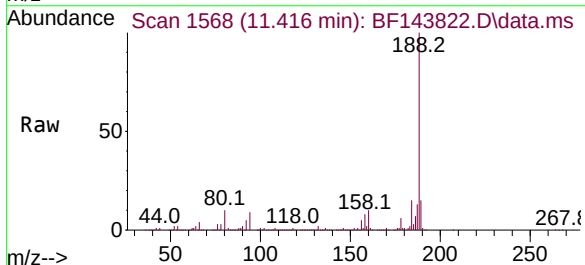
Instrument :
BNA_F
ClientSampleId :
PB169890BS

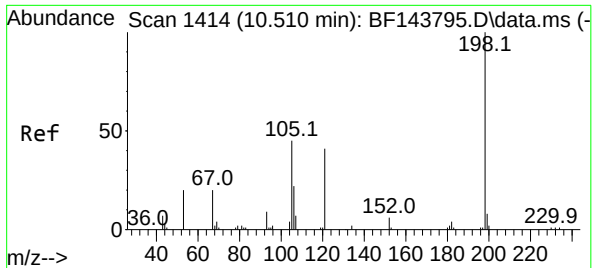
Tgt Ion: 77	Resp: 905012
Ion Ratio	Lower Upper
77 100	
182 26.9	5.9 45.9
105 22.8	2.3 42.3
51 35.5	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:188	Resp: 502052
Ion Ratio	Lower Upper
188 100	
94 9.5	8.2 12.2
80 9.8	8.6 12.8

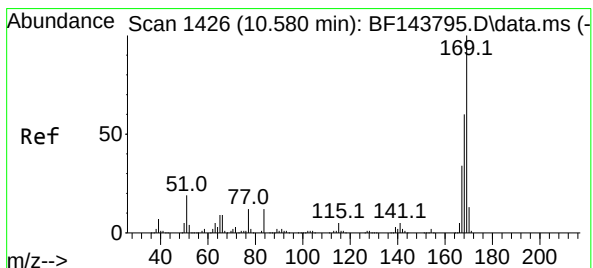
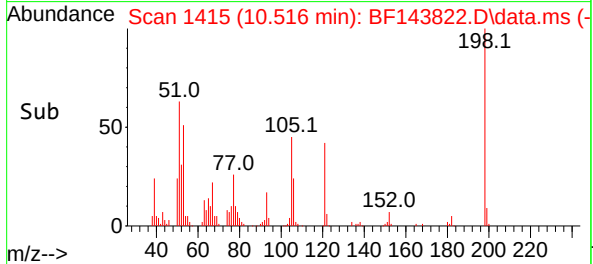
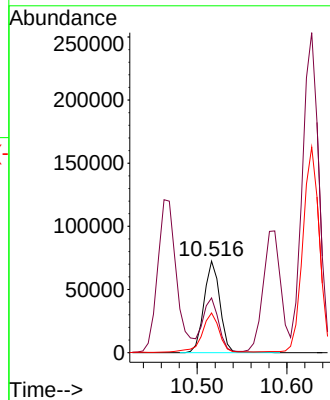
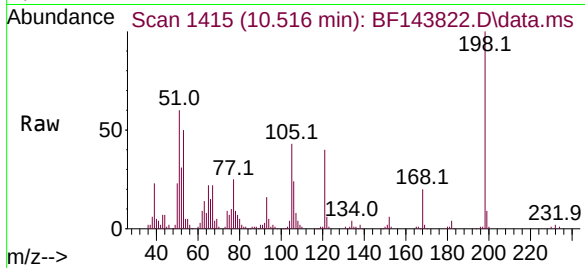




#65
4,6-Dinitro-2-methylphenol
Concen: 48.298 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

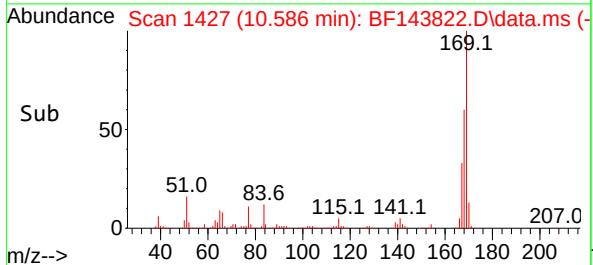
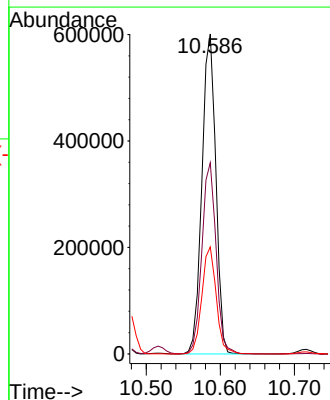
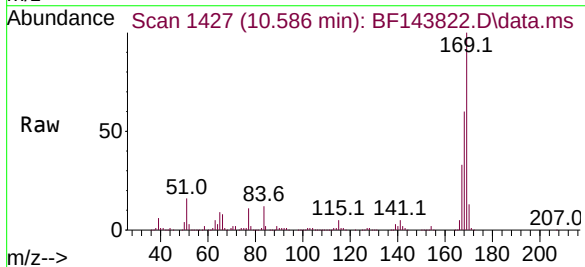
Instrument :
BNA_F
ClientSampleId :
PB169890BS

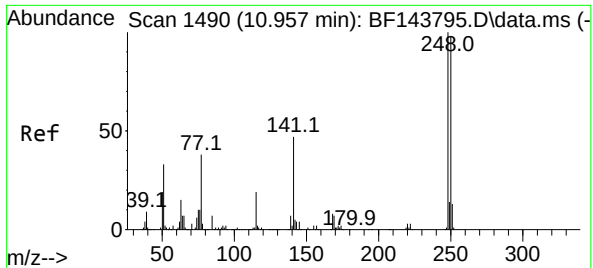
Tgt Ion:198 Resp: 88875
Ion Ratio Lower Upper
198 100
51 59.8 52.0 92.0
105 43.3 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 47.356 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:169 Resp: 781890
Ion Ratio Lower Upper
169 100
168 59.7 47.9 71.9
167 33.4 27.0 40.6

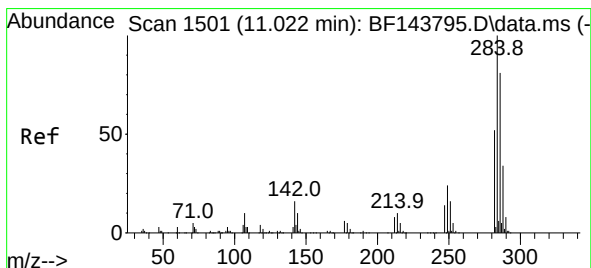
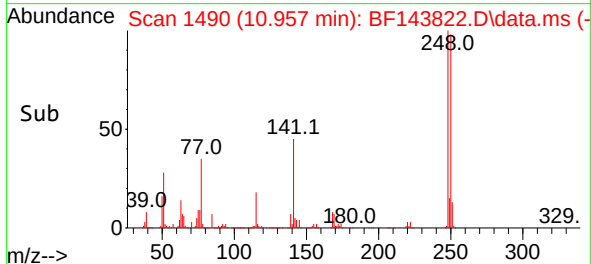
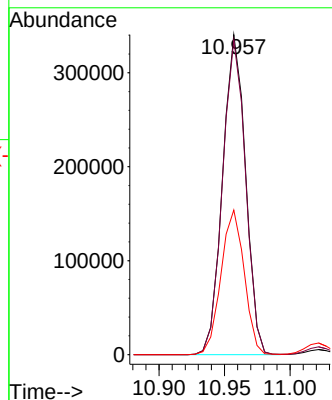
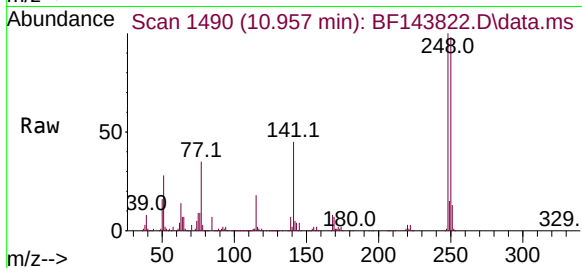




#67
4-Bromophenyl-phenylether
Concen: 48.606 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

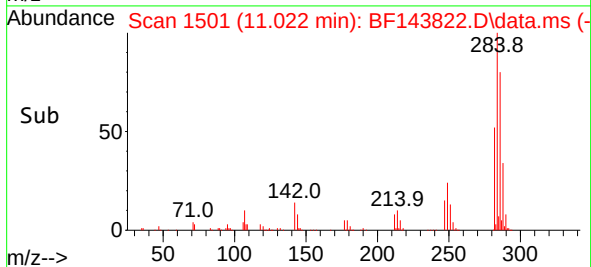
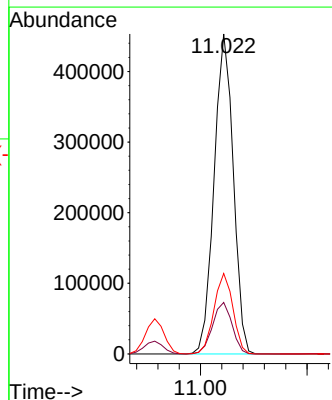
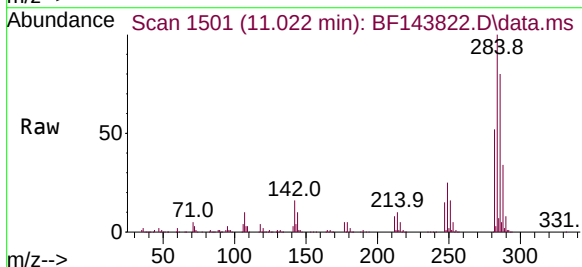
Instrument :
BNA_F
ClientSampleId :
PB169890BS

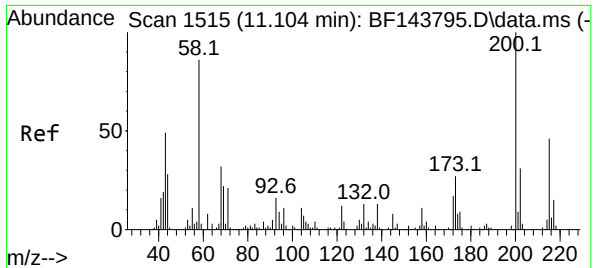
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.7	118.1
141	45.2	37.9	56.9



#68
Hexachlorobenzene
Concen: 48.172 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	16.1	13.1	19.7
249	25.1	19.5	29.3





#69

Atrazine

Concen: 49.657 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

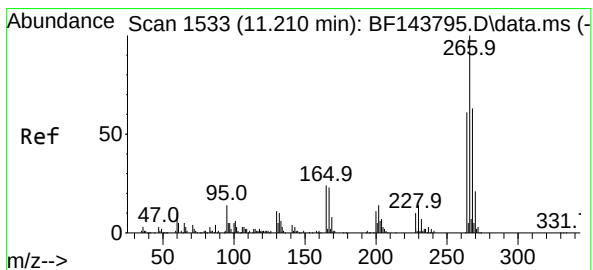
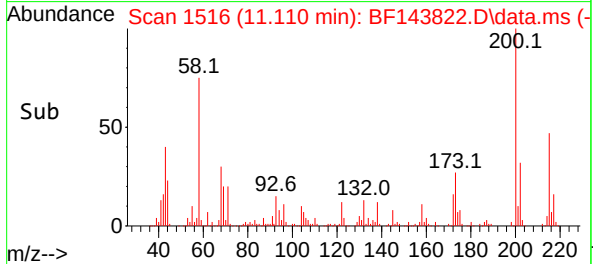
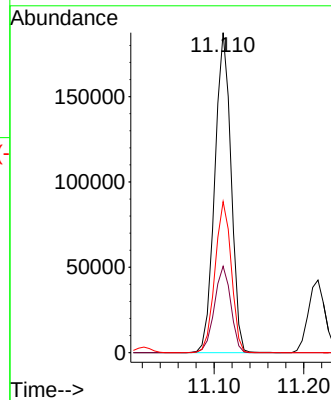
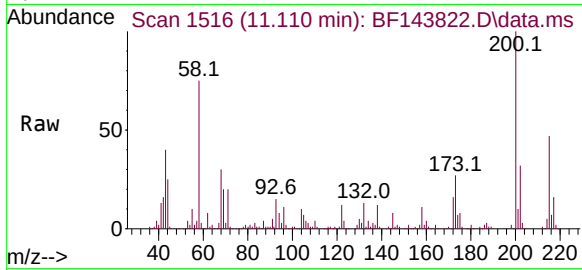
Tgt Ion:200 Resp: 237424

Ion Ratio Lower Upper

200 100

173 27.0 7.2 47.2

215 47.2 26.0 66.0



#70

Pentachlorophenol

Concen: 95.776 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

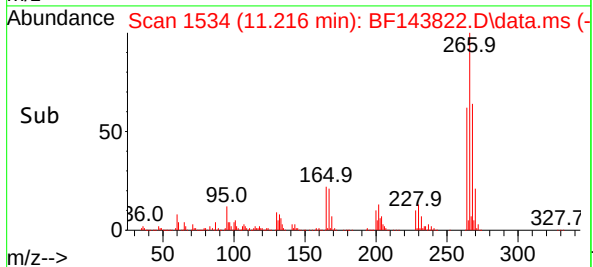
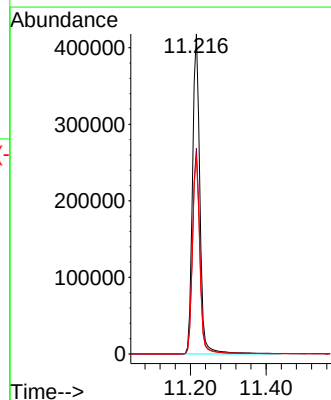
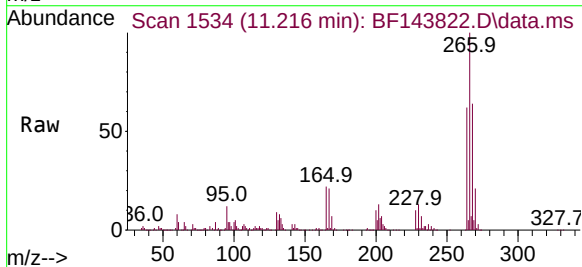
Tgt Ion:266 Resp: 562126

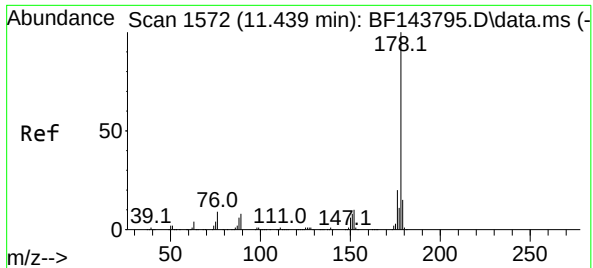
Ion Ratio Lower Upper

266 100

268 64.2 50.5 75.7

264 61.9 48.8 73.2





#71

Phenanthrene

Concen: 44.899 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

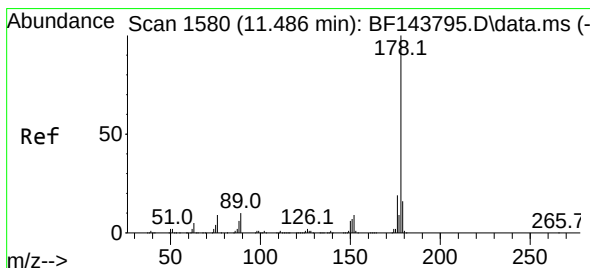
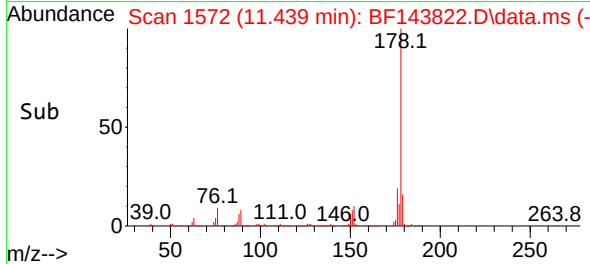
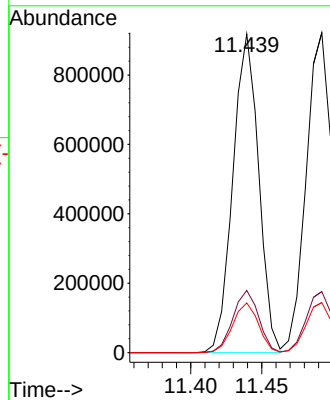
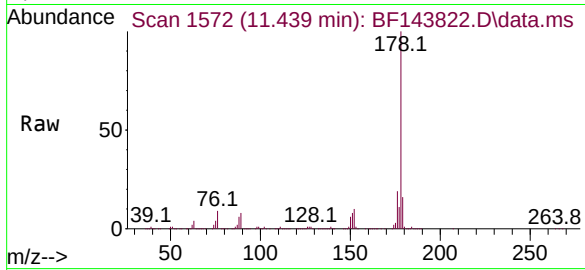
Tgt Ion:178 Resp: 1157271

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.2 18.4



#72

Anthracene

Concen: 45.575 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

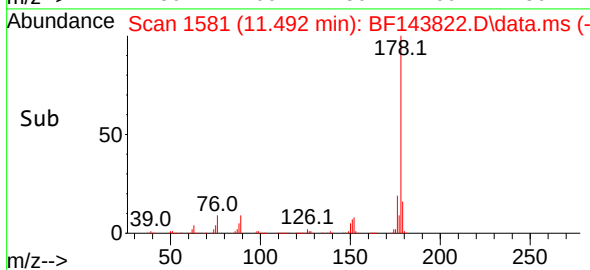
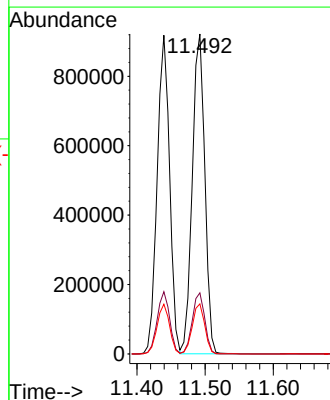
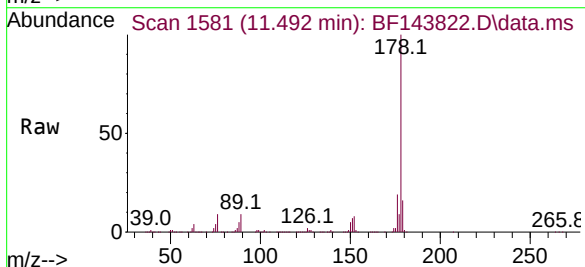
Tgt Ion:178 Resp: 1178324

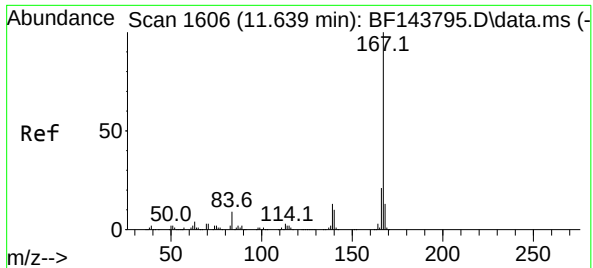
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.8 19.2

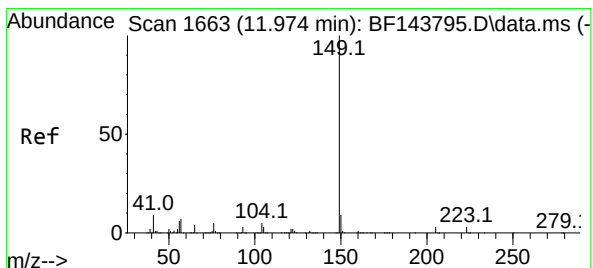
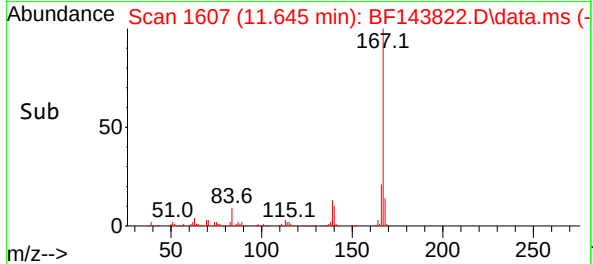
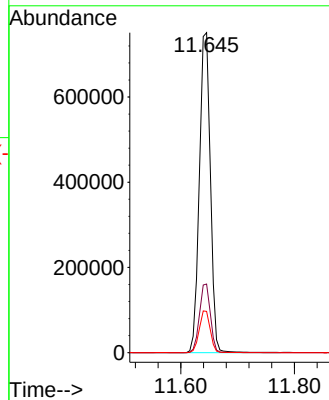
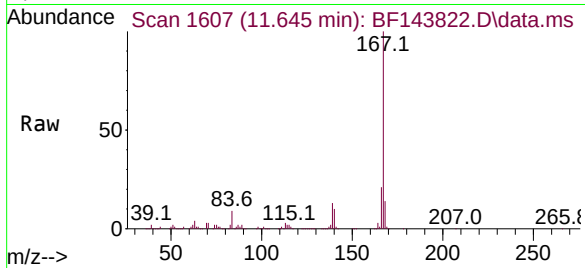




#73
 Carbazole
 Concen: 44.466 ng
 RT: 11.645 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

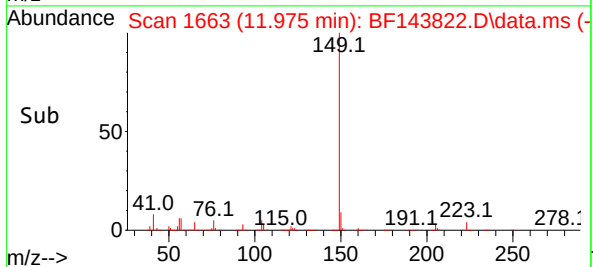
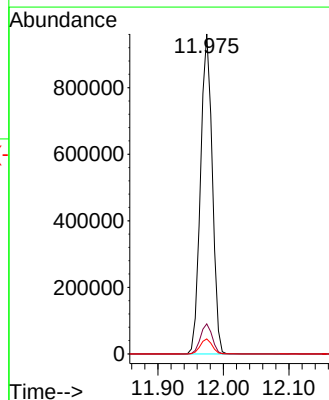
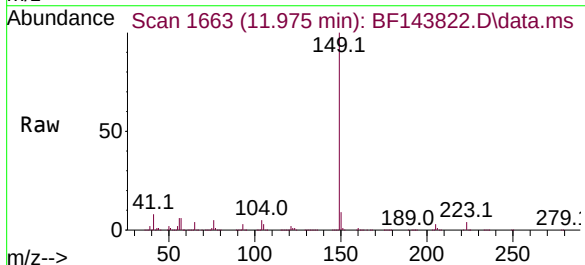
Instrument :
 BNA_F
 ClientSampleId :
 PB169890BS

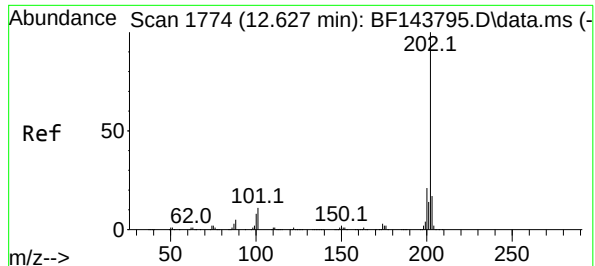
Tgt Ion:167 Resp: 1005163
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.9 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 45.693 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

Tgt Ion:149 Resp: 1187924
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 43.385 ng

RT: 12.628 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

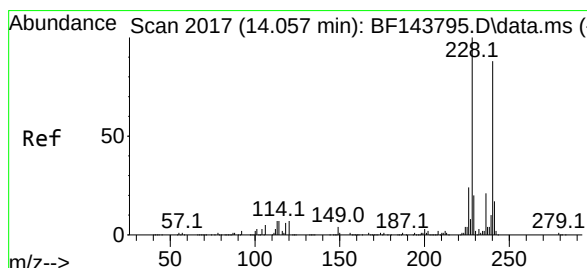
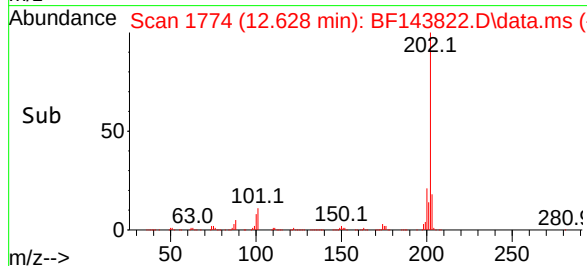
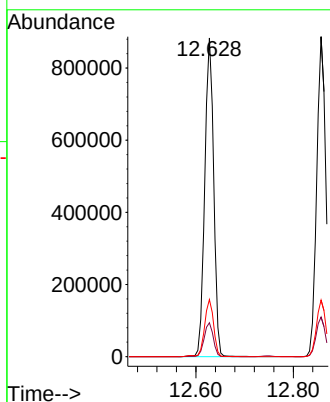
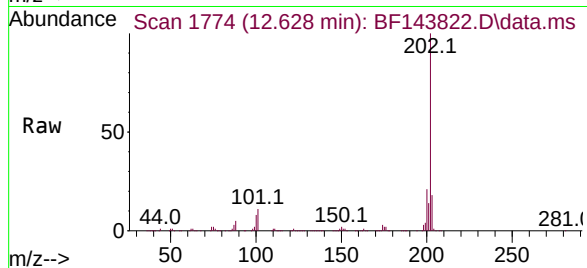
Tgt Ion:202 Resp: 1124711

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.1

203 17.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

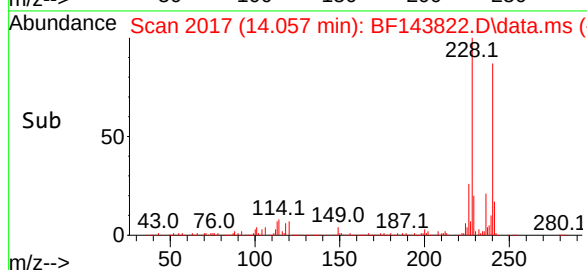
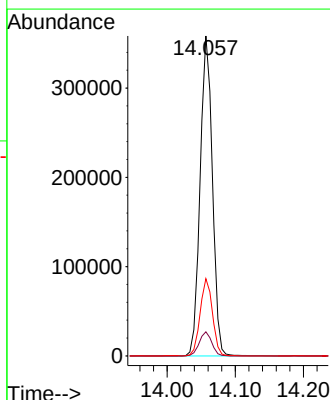
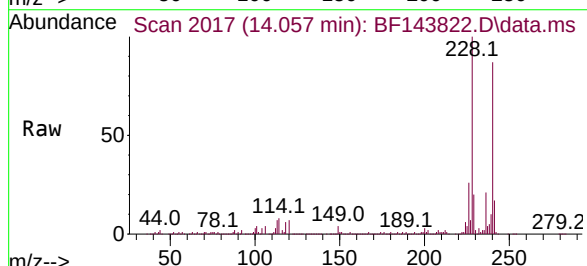
Tgt Ion:240 Resp: 448913

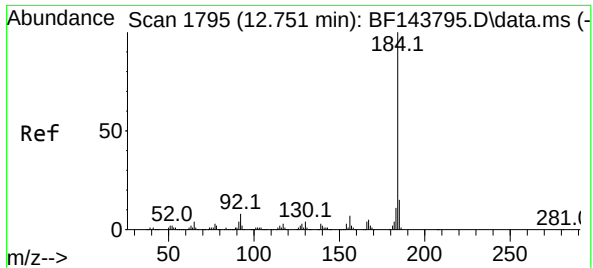
Ion Ratio Lower Upper

240 100

120 7.5 6.2 9.4

236 24.1 19.4 29.2





#77

Benzidine

Concen: 37.143 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

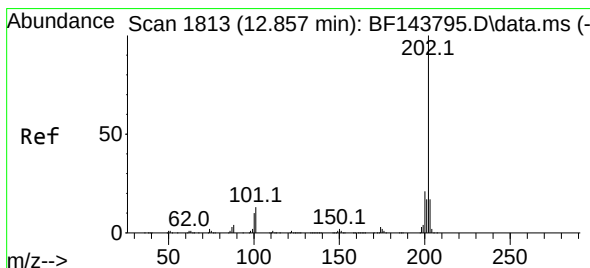
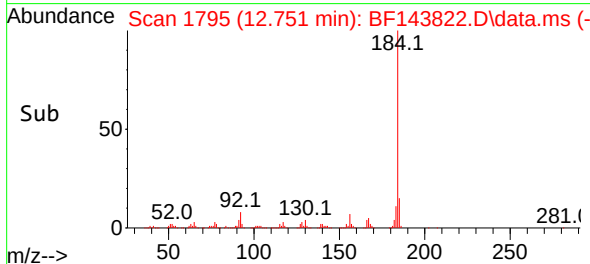
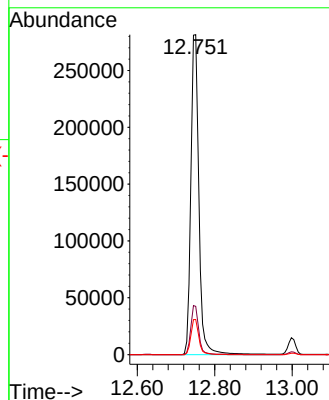
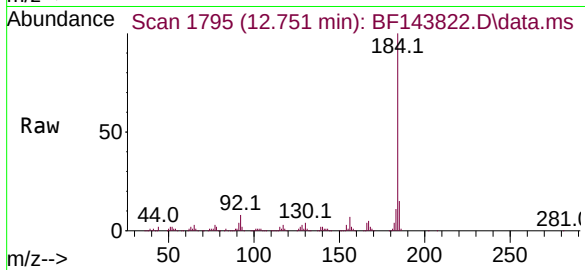
Tgt Ion:184 Resp: 406306

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 11.0 8.6 13.0



#78

Pyrene

Concen: 51.425 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

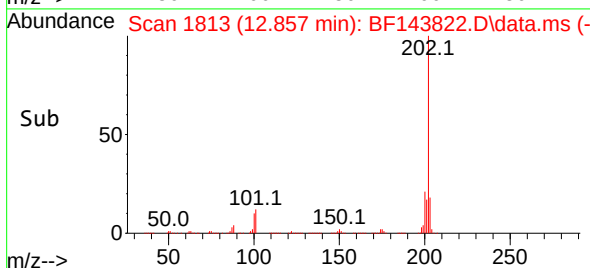
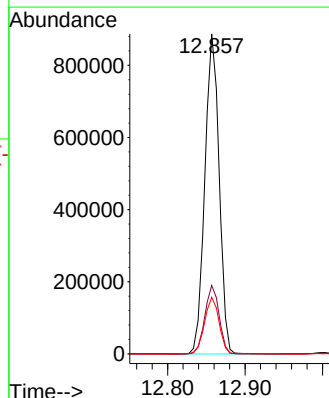
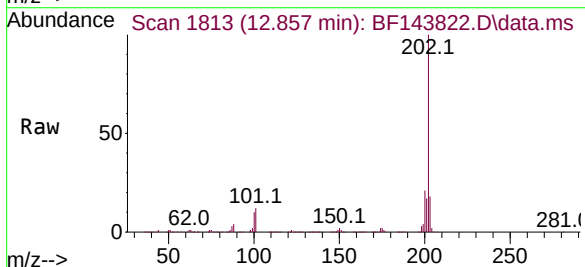
Tgt Ion:202 Resp: 1134976

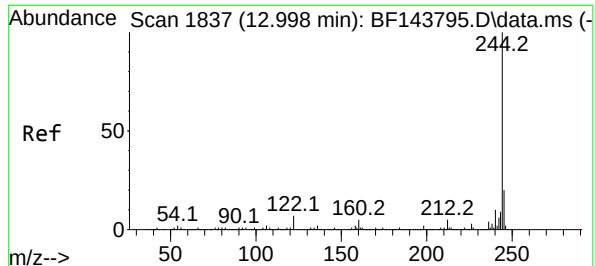
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 99.287 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

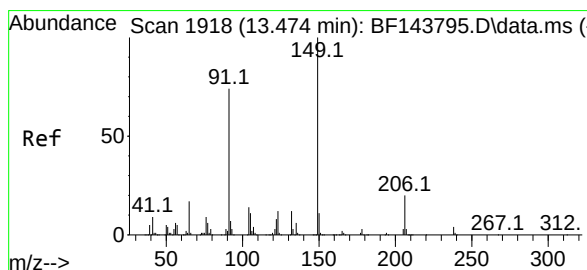
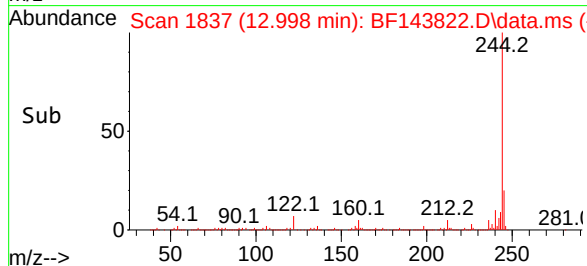
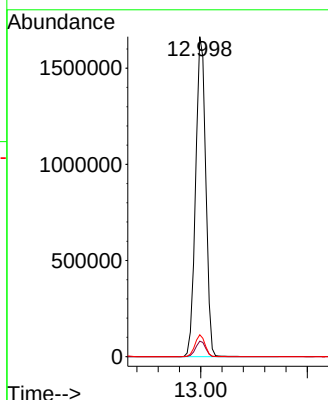
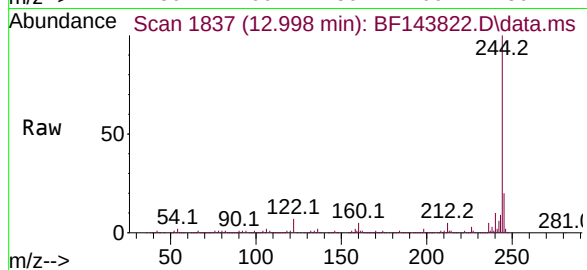
Tgt Ion:244 Resp: 2191591

Ion Ratio Lower Upper

244 100

212 4.8 3.9 5.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 53.250 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

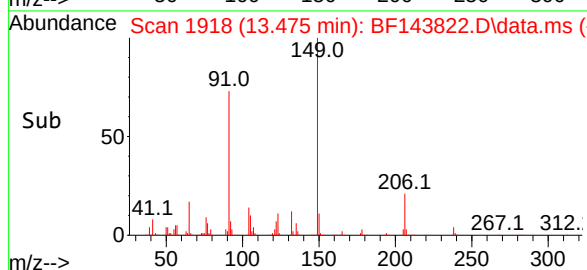
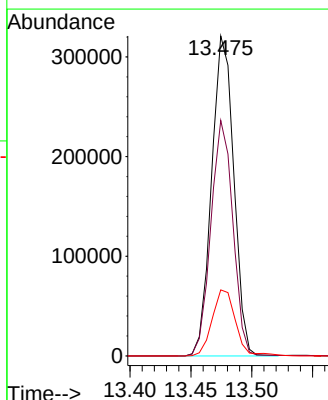
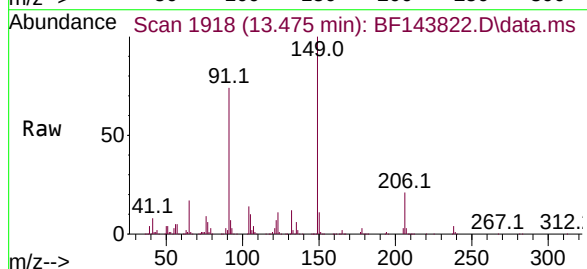
Tgt Ion:149 Resp: 406601

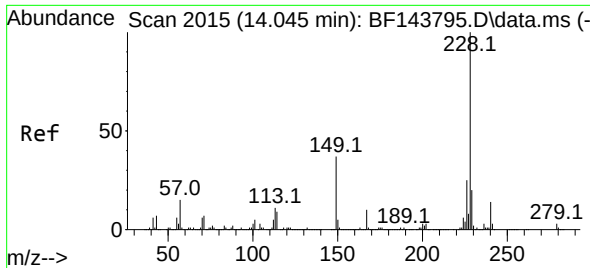
Ion Ratio Lower Upper

149 100

91 73.6 59.5 89.3

206 20.7 16.1 24.1

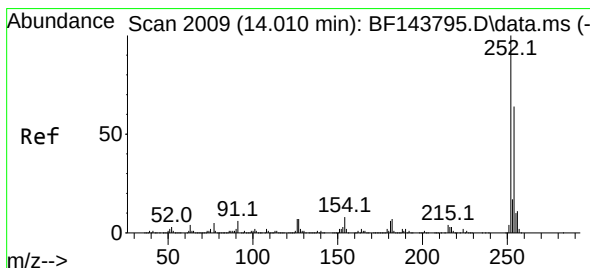
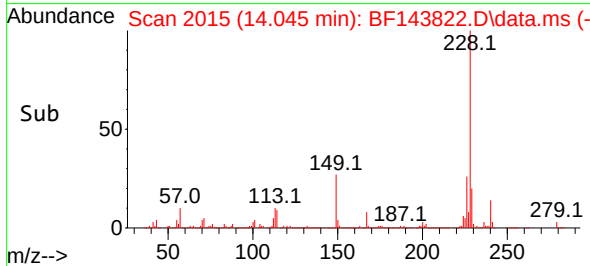
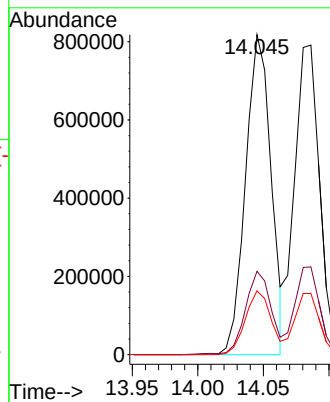
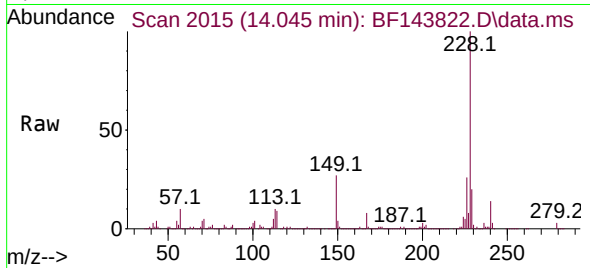




#81
Benzo(a)anthracene
Concen: 45.844 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

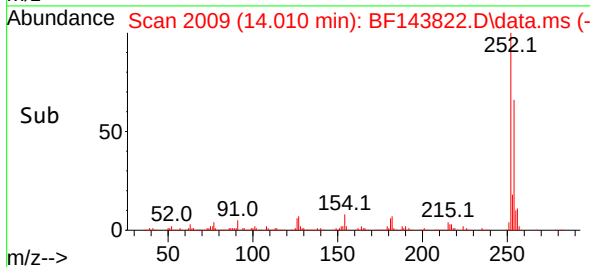
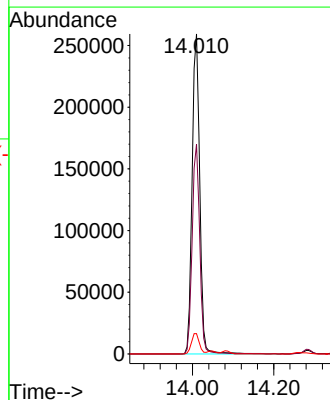
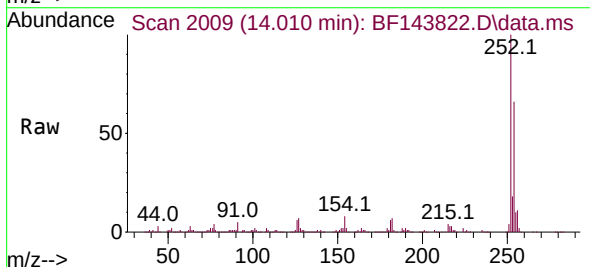
Instrument :
BNA_F
ClientSampleId :
PB169890BS

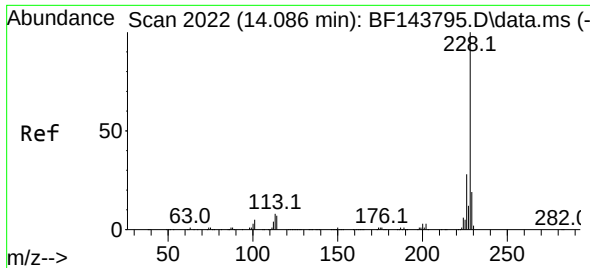
Tgt Ion:228 Resp: 1105594
Ion Ratio Lower Upper
228 100
226 26.0 20.2 30.2
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 32.273 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:252 Resp: 337183
Ion Ratio Lower Upper
252 100
254 65.5 51.5 77.3
126 6.3 5.4 8.2

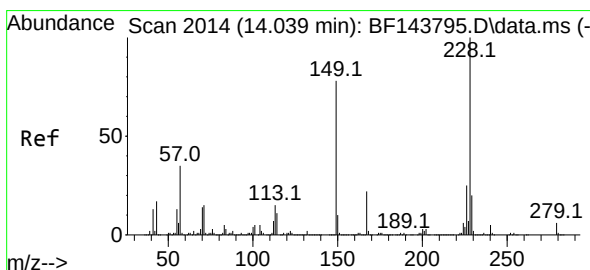
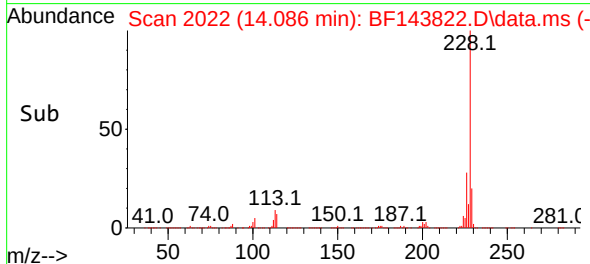
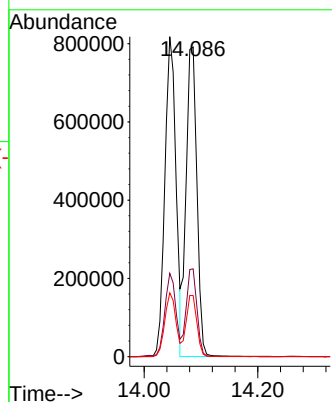
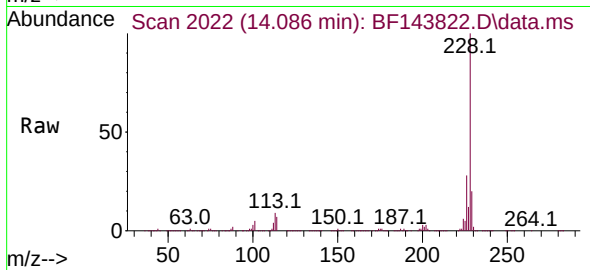




#83
Chrysene
Concen: 48.146 ng
RT: 14.086 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

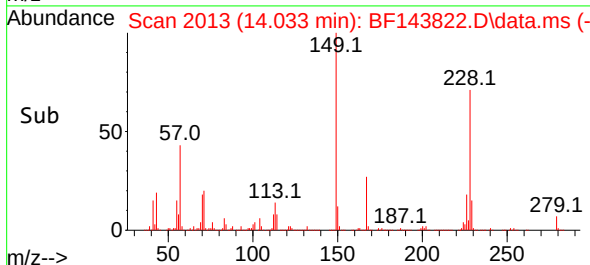
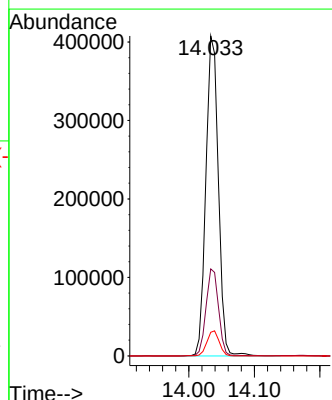
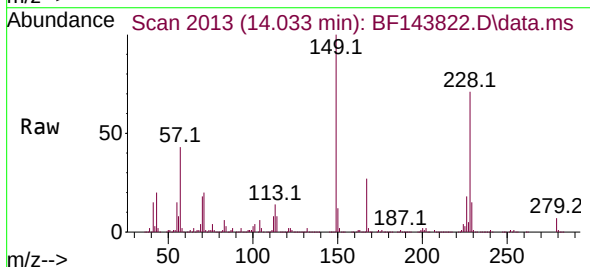
Instrument :
BNA_F
ClientSampleId :
PB169890BS

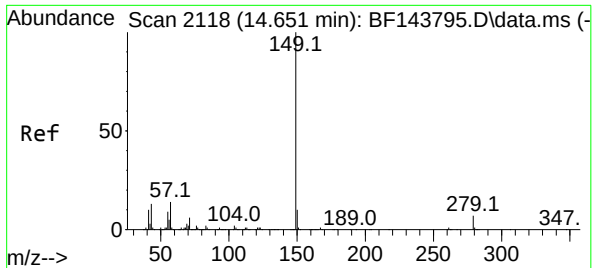
Tgt Ion:228 Resp: 1050643
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.924 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143822.D
Acq: 29 Sep 2025 15:11

Tgt Ion:149 Resp: 536383
Ion Ratio Lower Upper
149 100
167 27.2 22.2 33.2
279 7.4 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 46.537 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

BNA_F

ClientSampleId :

PB169890BS

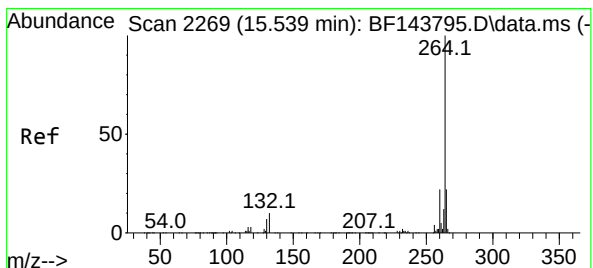
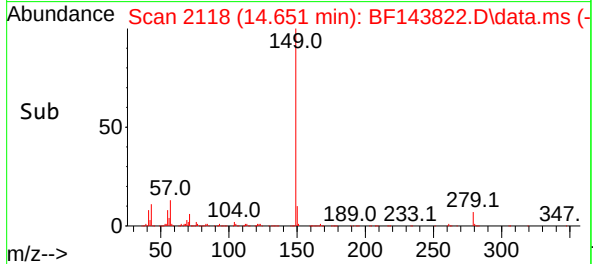
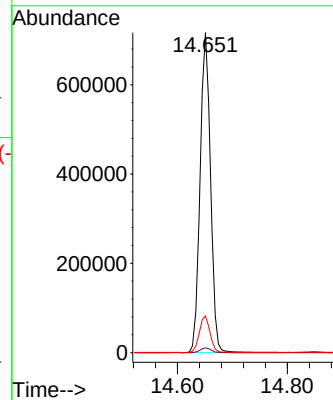
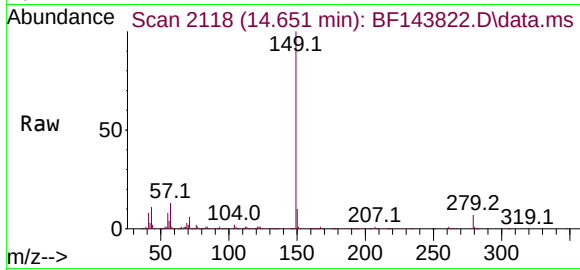
Tgt Ion:149 Resp: 944808

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.7 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

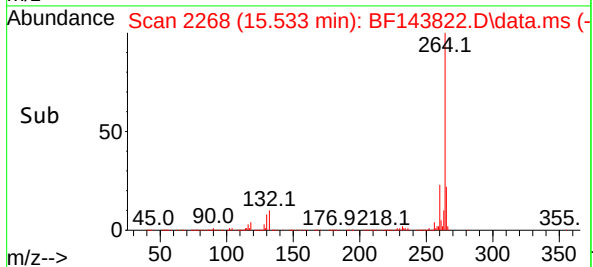
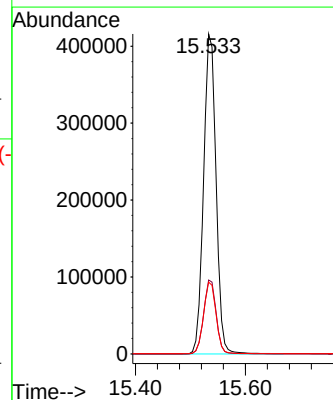
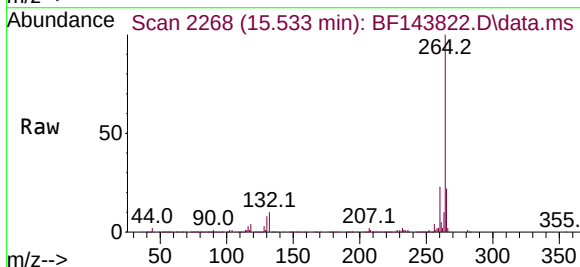
Tgt Ion:264 Resp: 653832

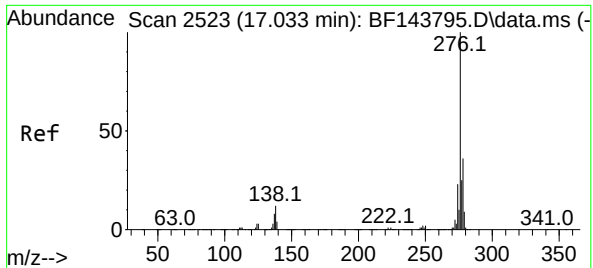
Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.4 17.7 26.5

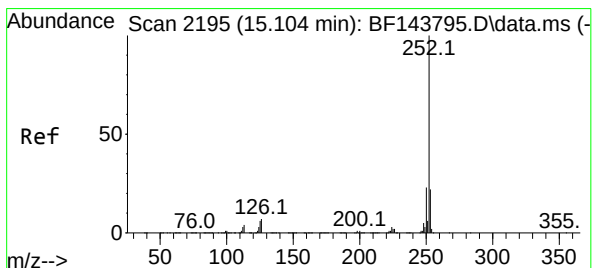
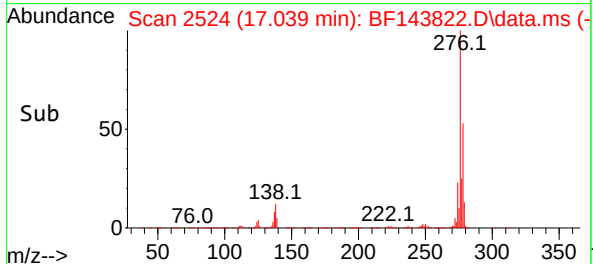
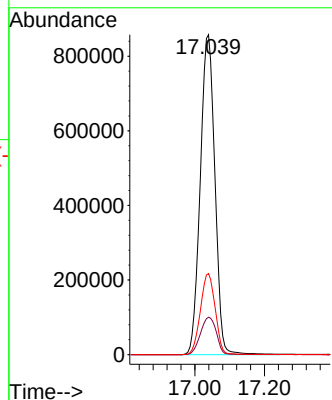
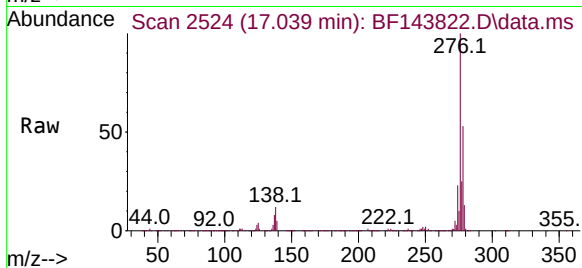




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.478 ng
 RT: 17.039 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

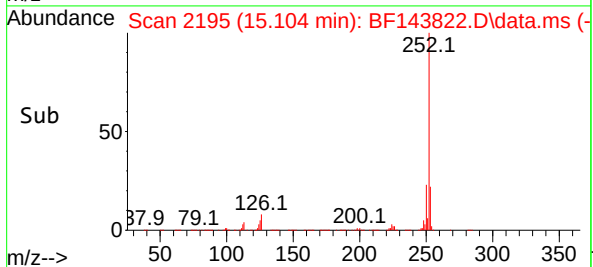
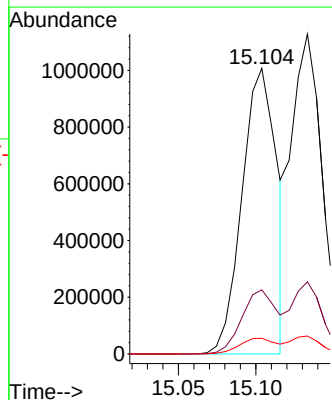
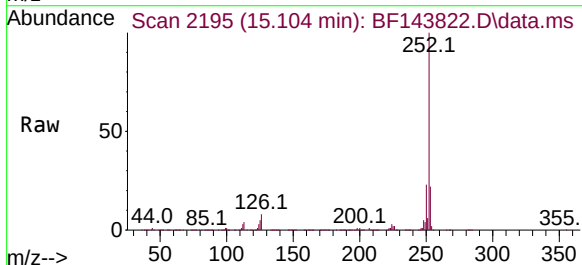
Instrument :
 BNA_F
 ClientSampleId :
 PB169890BS

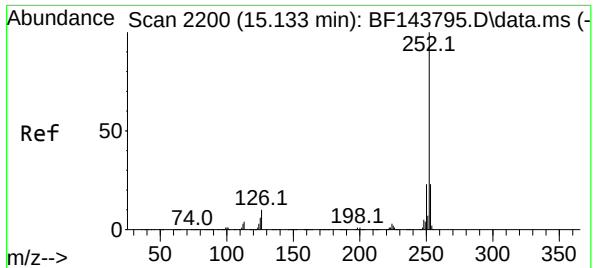
Tgt Ion:276 Resp: 2504130
 Ion Ratio Lower Upper
 276 100
 138 12.7 10.6 15.8
 277 25.6 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 46.974 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

Tgt Ion:252 Resp: 1564047
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.8
 125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 46.550 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Instrument :

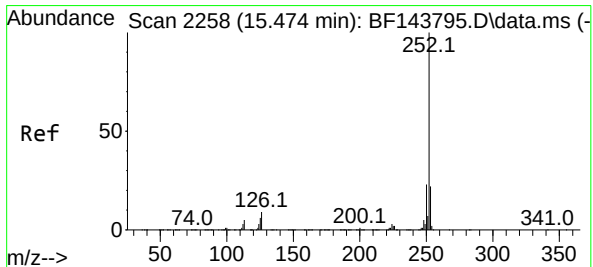
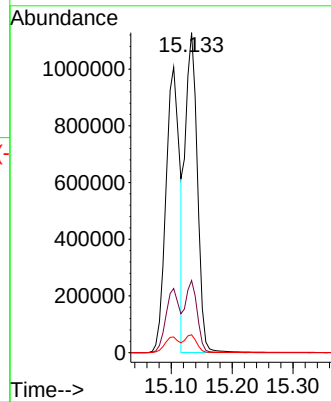
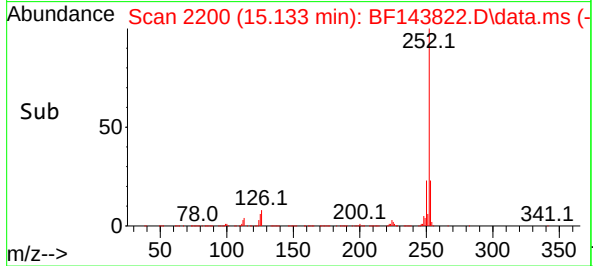
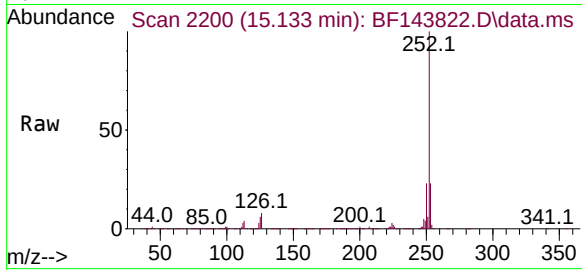
BNA_F

ClientSampleId :

PB169890BS

Tgt Ion:252 Resp: 1557193

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.6	4.6	6.8



#90

Benzo(a)pyrene

Concen: 49.592 ng

RT: 15.474 min Scan# 2258

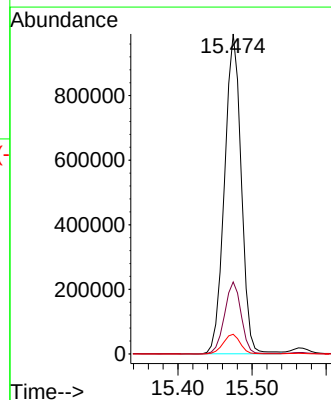
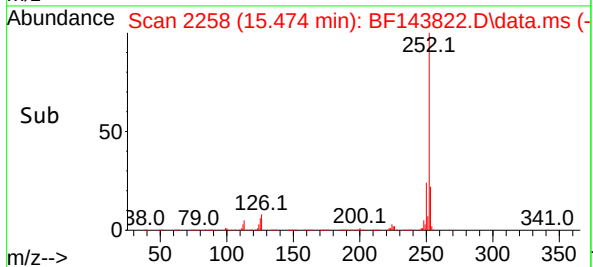
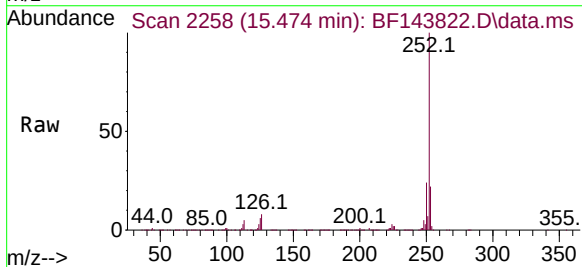
Delta R.T. -0.006 min

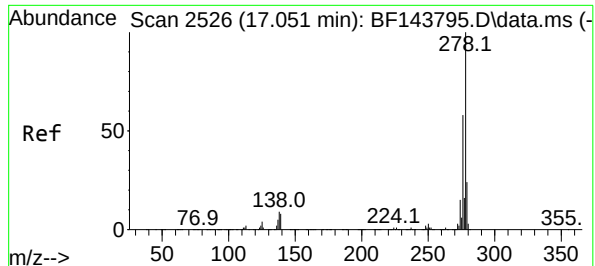
Lab File: BF143822.D

Acq: 29 Sep 2025 15:11

Tgt Ion:252 Resp: 1552114

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	6.1	5.0	7.4

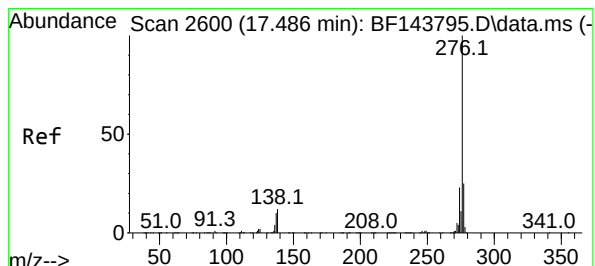
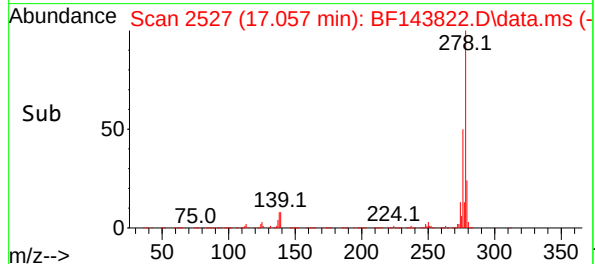
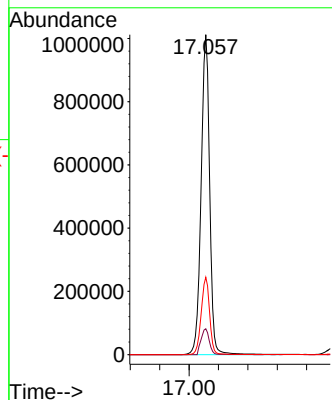
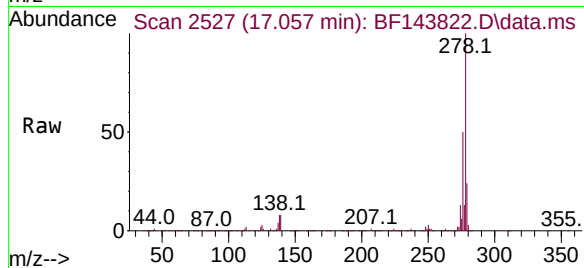




#91
 Dibenzo(a,h)anthracene
 Concen: 50.323 ng
 RT: 17.057 min Scan# 2526
 Delta R.T. -0.012 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

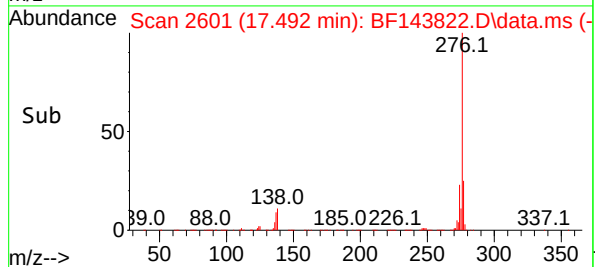
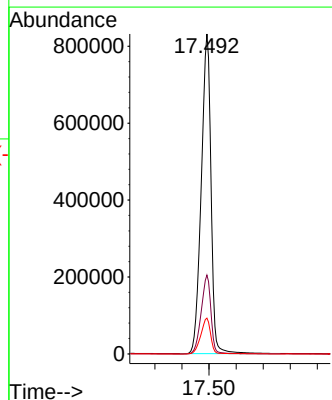
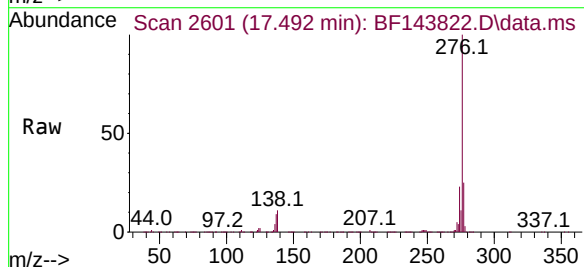
Instrument :
 BNA_F
 ClientSampleId :
 PB169890BS

Tgt Ion:278 Resp: 2041892
 Ion Ratio Lower Upper
 278 100
 139 8.1 6.7 10.1
 279 24.2 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 52.848 ng
 RT: 17.492 min Scan# 2601
 Delta R.T. -0.012 min
 Lab File: BF143822.D
 Acq: 29 Sep 2025 15:11

Tgt Ion:276 Resp: 2067094
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.6 29.4
 138 11.2 9.2 13.8



Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/26/25
Project:	507 Franklin Ave Nutley	Date Received:	09/26/25
Client Sample ID:	WALL-PROBE-BRICK-1MS	SDG No.:	Q3215
Lab Sample ID:	Q3230-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143824.D	1	09/29/25 09:15	09/29/25 16:14	PB169890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1100		16.3	120	ug/Kg
208-96-8	Acenaphthylene	1300		20.8	120	ug/Kg
83-32-9	Acenaphthene	1200		15.3	120	ug/Kg
86-73-7	Fluorene	1200		18.2	120	ug/Kg
85-01-8	Phenanthrene	1200		15.0	120	ug/Kg
120-12-7	Anthracene	1100		23.9	120	ug/Kg
206-44-0	Fluoranthene	1200		21.6	120	ug/Kg
129-00-0	Pyrene	1400		25.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1200		16.5	120	ug/Kg
218-01-9	Chrysene	1200		14.3	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		13.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		16.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		21.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		20.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		19.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	56.6		18 - 107	57%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		20 - 109	51%	SPK: 100
1718-51-0	Terphenyl-d14	58.0		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.887			
1146-65-2	Naphthalene-d8	531000	8.169			
15067-26-2	Acenaphthene-d10	285000	9.928			
1517-22-2	Phenanthrene-d10	472000	11.416			
1719-03-5	Chrysene-d12	416000	14.057			
1520-96-3	Perylene-d12	598000	15.533			

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/26/25
Project:	507 Franklin Ave Nutley	Date Received:	09/26/25
Client Sample ID:	WALL-PROBE-BRICK-1MS	SDG No.:	Q3215
Lab Sample ID:	Q3230-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143824.D	1	09/29/25 09:15	09/29/25 16:14	PB169890

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\BF092925\
 Data File : BF143824.D
 Acq On : 29 Sep 2025 16:14
 Operator : RC/JU
 Sample : Q3230-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1MS

Quant Time: Sep 29 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	137049	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	530817	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	285401	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	471804	20.000	ng	0.00
76) Chrysene-d12	14.057	240	415535	20.000	ng	0.00
86) Perylene-d12	15.533	264	597788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	152675	18.099	ng	0.00
7) Phenol-d6	6.504	99	714897	73.349	ng	0.00
23) Nitrobenzene-d5	7.445	82	490981	56.618	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	45762	10.829	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	930293	50.866	ng	0.00
79) Terphenyl-d14	12.998	244	1184986	57.997	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	156938	38.870	ng	97
3) Pyridine	3.434	79	445445	40.872	ng	92
4) n-Nitrosodimethylamine	3.381	42	243934	44.638	ng	85
6) Aniline	6.545	93	598405	42.302	ng	99
8) 2-Chlorophenol	6.669	128	421354	48.793	ng	98
9) Benzaldehyde	6.434	77	253333	29.681	ng	99
10) Phenol	6.522	94	578578	51.071	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	417054	46.963	ng	100
12) 1,3-Dichlorobenzene	6.828	146	467543	46.631	ng	99
13) 1,4-Dichlorobenzene	6.904	146	470629	47.035	ng	99
14) 1,2-Dichlorobenzene	7.057	146	447287	47.198	ng	99
15) Benzyl Alcohol	7.022	79	384438	54.589	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	886792	42.113	ng	97
17) 2-Methylphenol	7.134	107	337622	50.500	ng	99
18) Hexachloroethane	7.398	117	162744	46.249	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	298907	47.691	ng	93
20) 3+4-Methylphenols	7.281	107	402656	49.456	ng	96
22) Acetophenone	7.292	105	589782	50.587	ng	97
24) Nitrobenzene	7.463	77	452938	47.122	ng	98
25) Isophorone	7.704	82	834201	49.365	ng	99
26) 2-Nitrophenol	7.781	139	205566	51.860	ng	97
27) 2,4-Dimethylphenol	7.816	122	397758	52.662	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	507531	46.228	ng	99
29) 2,4-Dichlorophenol	8.022	162	359712	48.401	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	373574	48.436	ng	100
31) Naphthalene	8.192	128	1154341	45.427	ng	100
32) Benzoic acid	7.922	122	267335	73.359	ng	96
33) 4-Chloroaniline	8.234	127	335862	37.611	ng	99
34) Hexachlorobutadiene	8.310	225	267229	46.478	ng	99
35) Caprolactam	8.604	113	119213	62.757	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	362563	52.016	ng	98
37) 2-Methylnaphthalene	8.881	142	707157	43.643	ng	99
38) 1-Methylnaphthalene	8.981	142	721917	46.548	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	414637	48.141	ng	99
41) Hexachlorocyclopentadiene	9.034	237	627578	114.971	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	272210	50.474	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143824.D
 Acq On : 29 Sep 2025 16:14
 Operator : RC/JU
 Sample : Q3230-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1MS

Quant Time: Sep 29 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

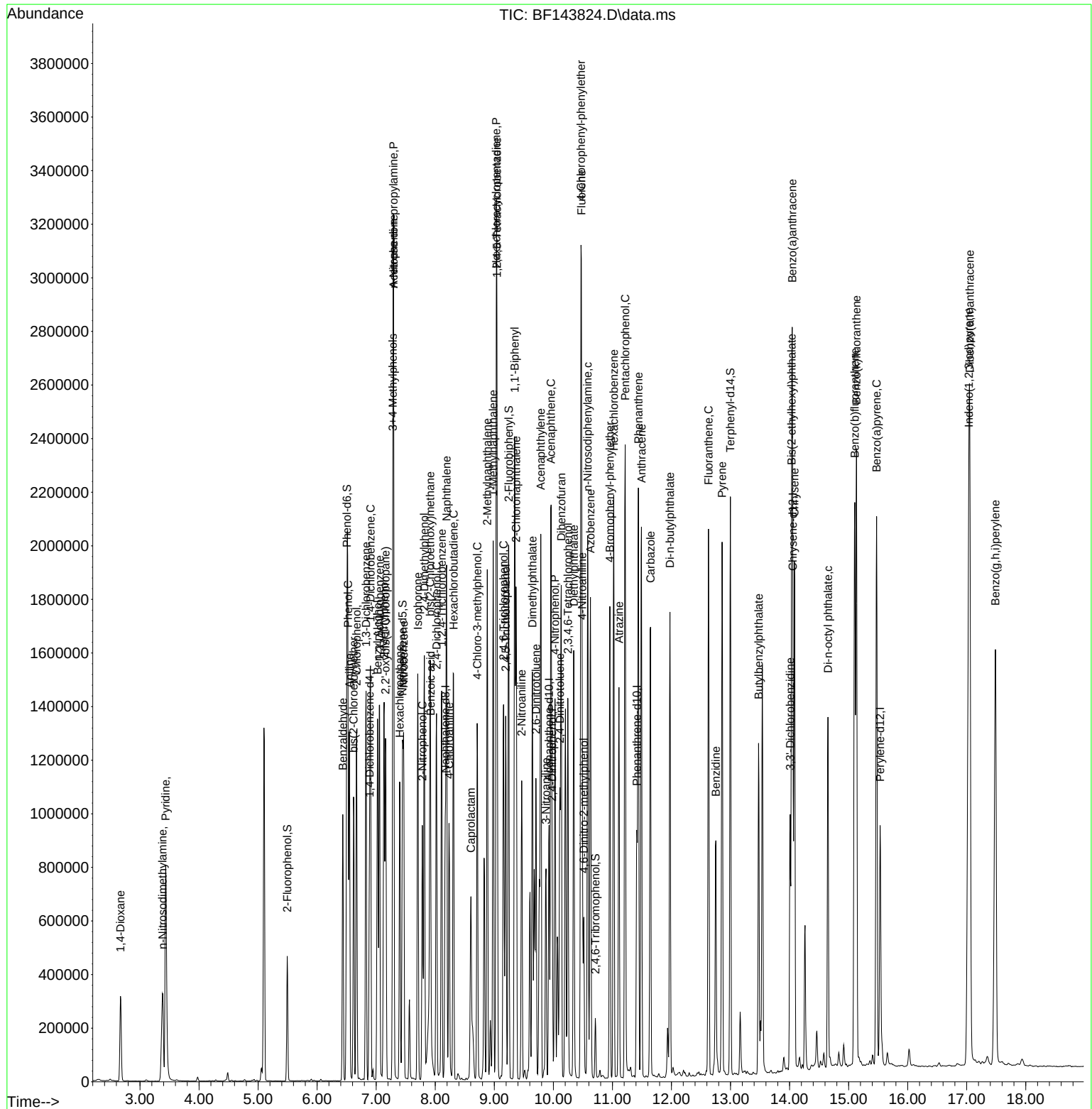
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	283788	50.307	ng	100
46) 1,1'-Biphenyl	9.345	154	1010630	48.919	ng	100
47) 2-Chloronaphthalene	9.369	162	737793	44.366	ng	99
48) 2-Nitroaniline	9.463	65	291871	58.071	ng	98
49) Acenaphthylene	9.786	152	1200008	52.417	ng	99
50) Dimethylphthalate	9.645	163	860358	49.460	ng	100
51) 2,6-Dinitrotoluene	9.704	165	178710	62.529	ng	99
52) Acenaphthene	9.957	154	734822	48.776	ng	100
53) 3-Nitroaniline	9.875	138	151414	43.707	ng	98
54) 2,4-Dinitrophenol	9.980	184	135484	97.420	ng	# 21
55) Dibenzofuran	10.133	168	1011654	47.487	ng	99
56) 4-Nitrophenol	10.028	139	291849	104.544	ng	95
57) 2,4-Dinitrotoluene	10.110	165	238785	55.784	ng	96
58) Fluorene	10.475	166	765753	48.351	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	280608	58.066	ng	98
60) Diethylphthalate	10.345	149	826077	50.731	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	391430	48.506	ng	96
62) 4-Nitroaniline	10.486	138	185809	57.043	ng	100
63) Azobenzene	10.628	77	909508	52.998	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	101314	55.949	ng	87
66) n-Nitrosodiphenylamine	10.580	169	748725	48.255	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	401792	49.972	ng	97
68) Hexachlorobenzene	11.022	284	538466	48.596	ng	98
69) Atrazine	11.110	200	229865	51.159	ng	97
70) Pentachlorophenol	11.216	266	562628	102.008	ng	100
71) Phenanthrene	11.439	178	1168717	48.250	ng	100
72) Anthracene	11.492	178	1162293	47.837	ng	100
73) Carbazole	11.645	167	1000599	47.102	ng	99
74) Di-n-butylphthalate	11.974	149	1175336	48.107	ng	100
75) Fluoranthene	12.627	202	1185341	48.655	ng	99
77) Benzidine	12.751	184	500065	49.386	ng	99
78) Pyrene	12.857	202	1160268	56.794	ng	99
80) Butylbenzylphthalate	13.474	149	389829	55.154	ng	98
81) Benzo(a)anthracene	14.045	228	1107485	49.611	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	360182	37.244	ng	100
83) Chrysene	14.080	228	1038108	51.393	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	495231	47.802	ng	99
85) Di-n-octyl phthalate	14.651	149	831268	44.234	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	2192081	48.330	ng	99
88) Benzo(b)fluoranthene	15.104	252	1586935	52.129	ng	99
89) Benzo(k)fluoranthene	15.133	252	1490929	48.748	ng	99
90) Benzo(a)pyrene	15.474	252	1516684	53.003	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1764140	47.554	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1744527	48.783	ng	100

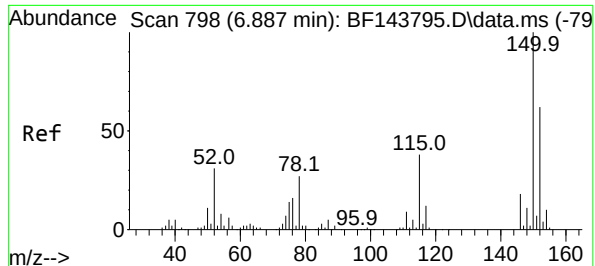
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\  
Data File : BF143824.D  
Acq On    : 29 Sep 2025  16:14  
Operator  : RC/JU  
Sample    : Q3230-01MS  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

Quant Time: Sep 29 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

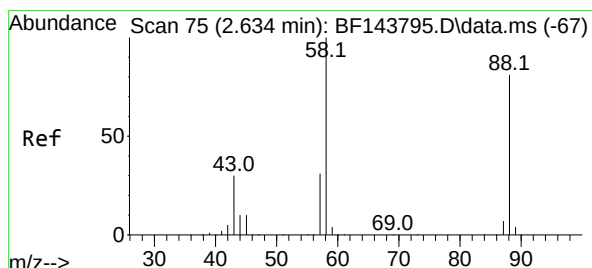
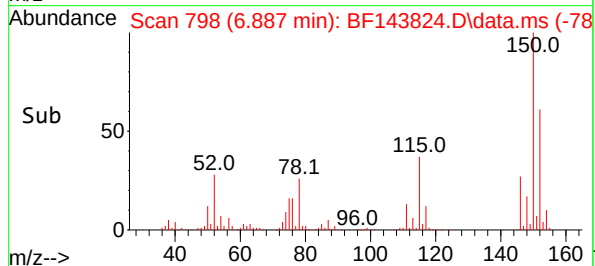
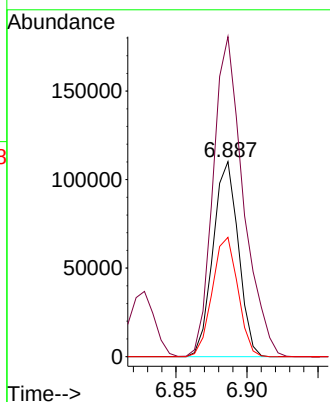
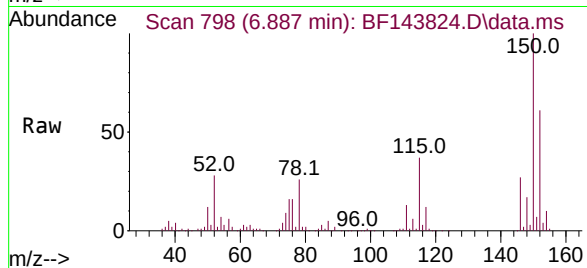




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

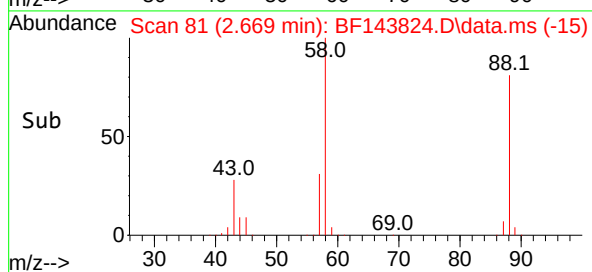
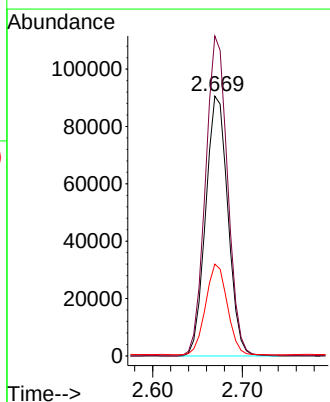
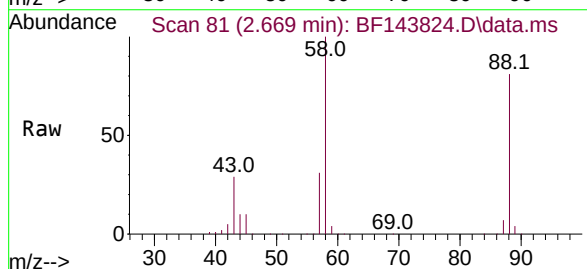
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

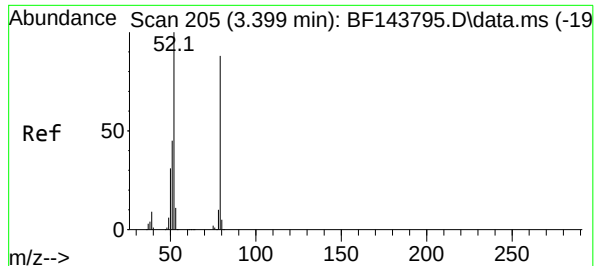
Tgt Ion:152 Resp: 137049
Ion Ratio Lower Upper
152 100
150 164.2 129.6 194.4
115 61.2 49.0 73.4



#2
1,4-Dioxane
Concen: 38.870 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.035 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

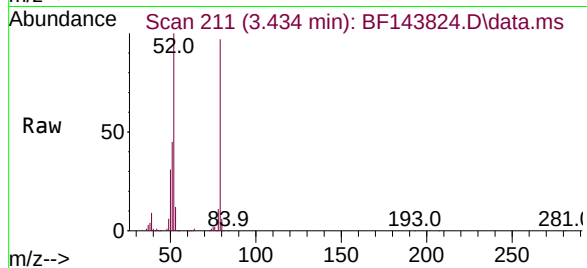
Tgt Ion: 88 Resp: 156938
Ion Ratio Lower Upper
88 100
58 122.5 99.4 149.2
43 34.0 30.6 45.8



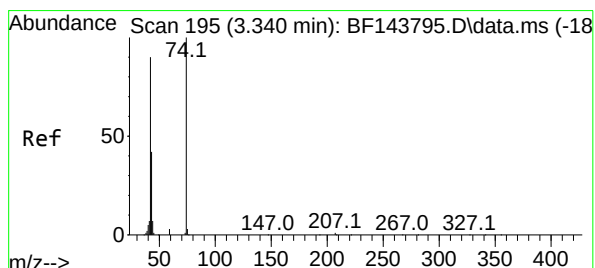
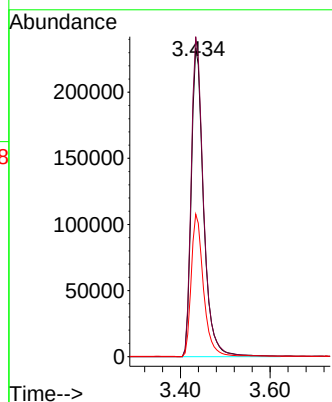
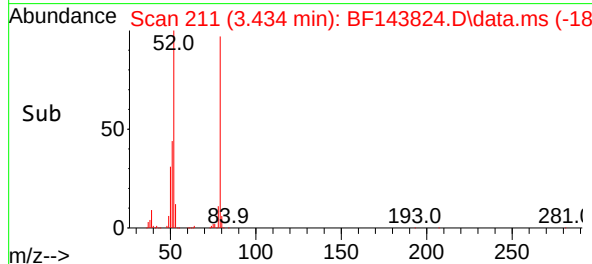


#3
Pyridine
Concen: 40.872 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.035 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

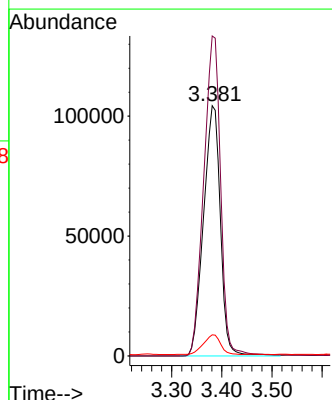
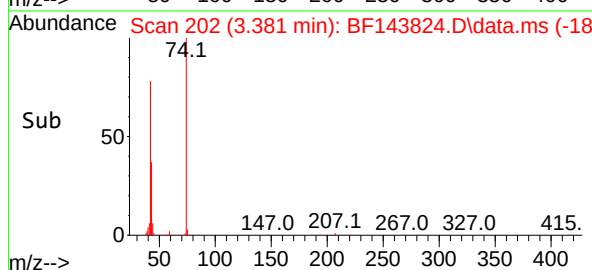
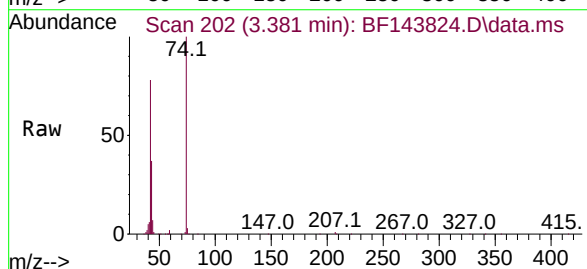


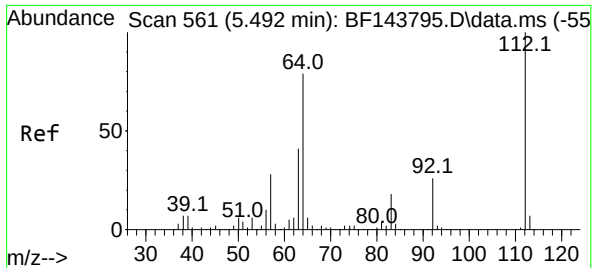
Tgt Ion: 79 Resp: 445445
Ion Ratio Lower Upper
79 100
52 103.6 90.5 135.7
51 46.2 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 44.638 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.024 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion: 42 Resp: 243934
Ion Ratio Lower Upper
42 100
74 127.9 89.1 133.7
44 8.4 6.4 9.6

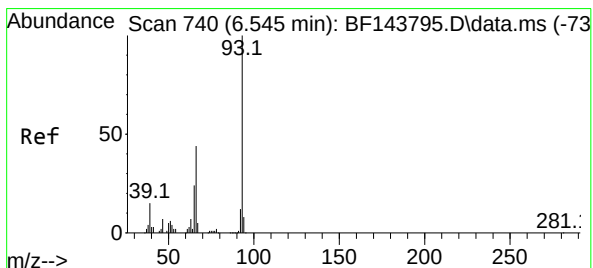
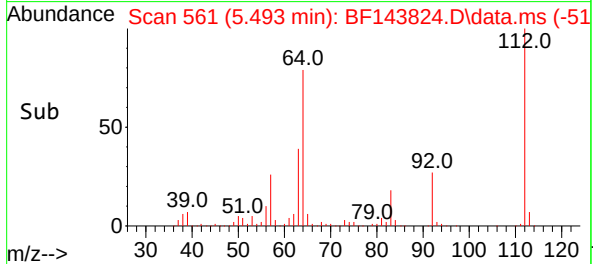
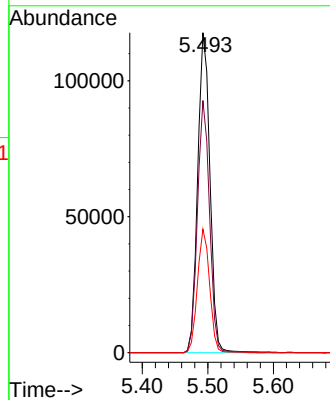
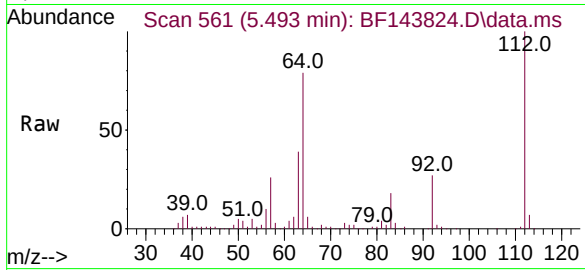




#5
2-Fluorophenol
Concen: 18.099 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

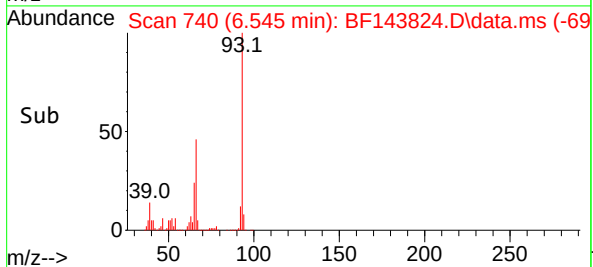
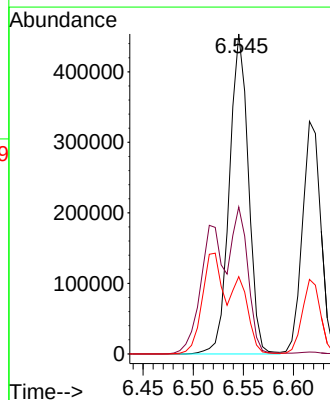
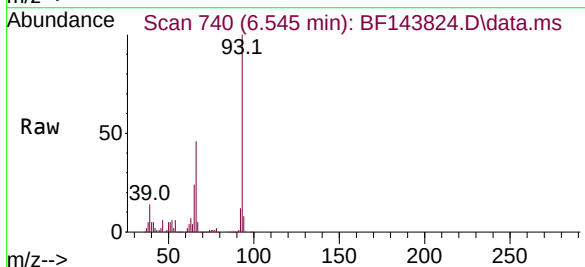
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

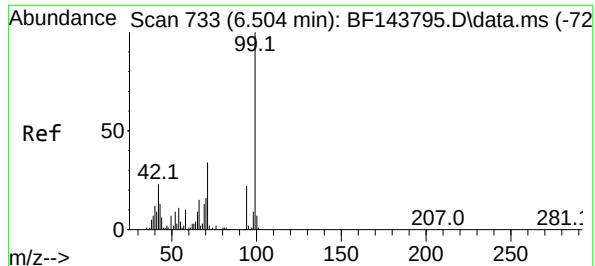
Tgt Ion:112 Resp: 152675
Ion Ratio Lower Upper
112 100
64 78.8 63.0 94.4
63 38.6 32.6 49.0



#6
Aniline
Concen: 42.302 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion: 93 Resp: 598405
Ion Ratio Lower Upper
93 100
66 45.9 37.1 55.7
65 24.1 19.4 29.0

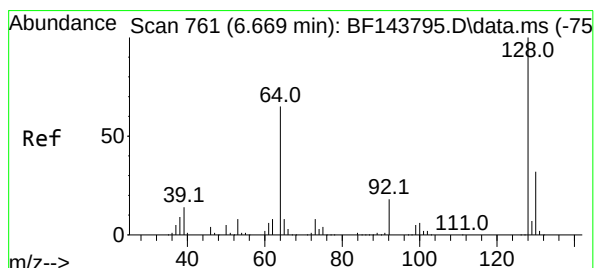
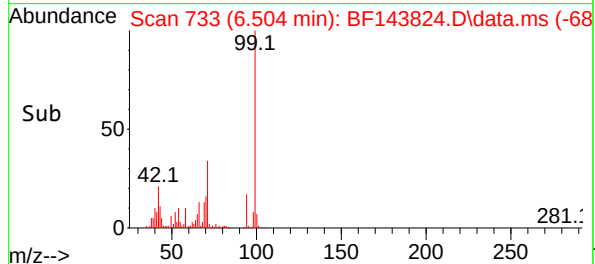
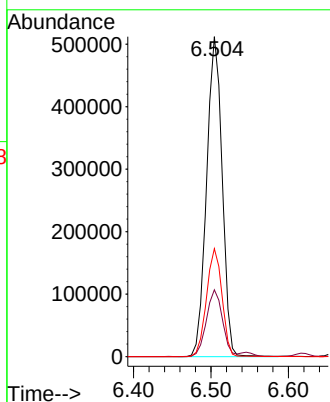
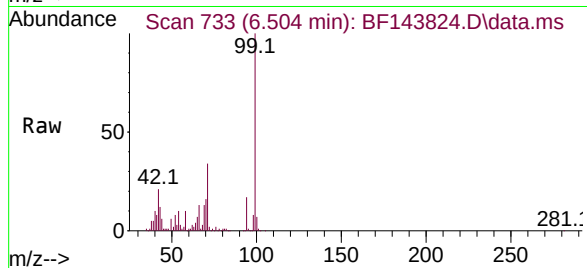




#7
Phenol-d6
Concen: 73.349 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

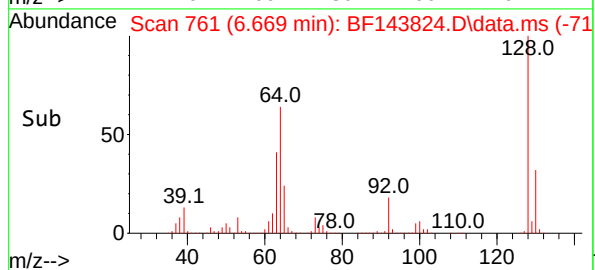
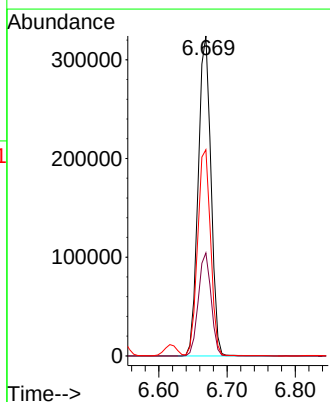
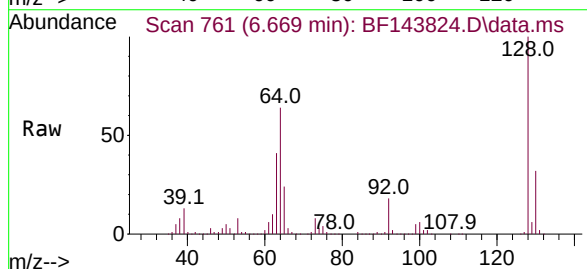
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

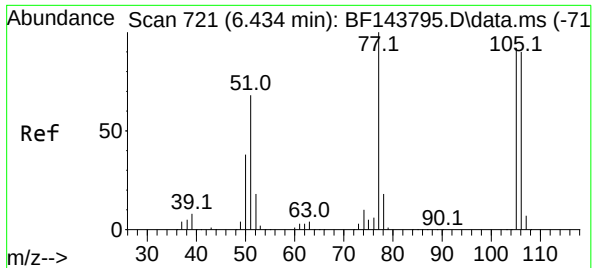
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.6	28.0
71	33.7	27.0	40.4



#8
2-Chlorophenol
Concen: 48.793 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	64.4	46.5	86.5





#9

Benzaldehyde

Concen: 29.681 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

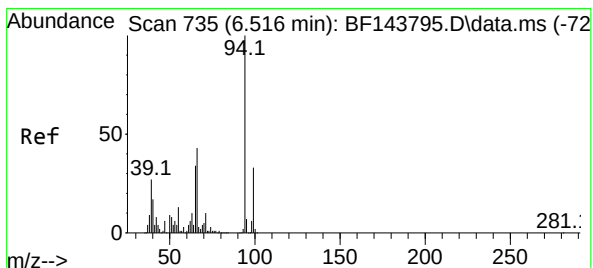
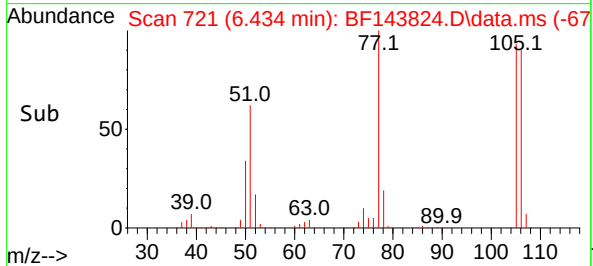
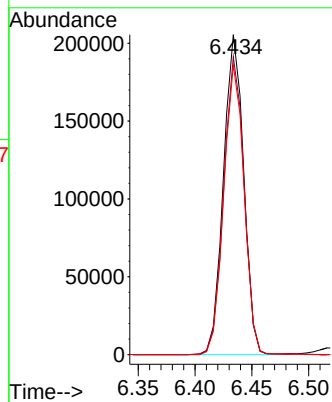
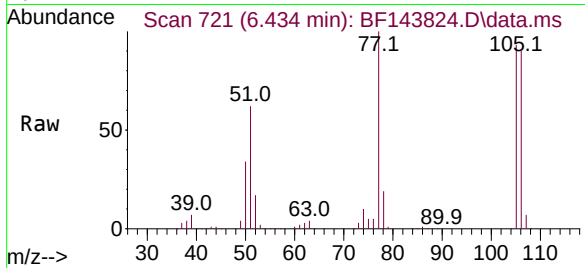
Tgt Ion: 77 Resp: 253333

Ion Ratio Lower Upper

77 100

105 93.1 71.8 111.8

106 90.5 69.8 109.8



#10

Phenol

Concen: 51.071 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

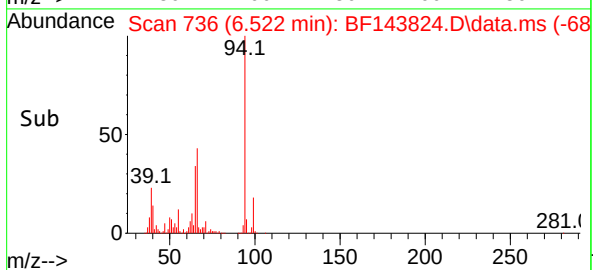
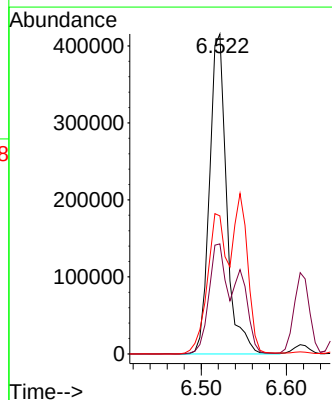
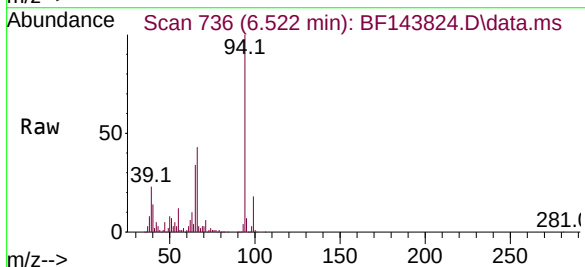
Tgt Ion: 94 Resp: 578578

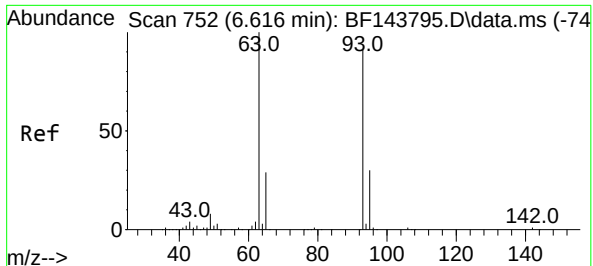
Ion Ratio Lower Upper

94 100

65 34.4 14.2 54.2

66 43.1 24.1 64.1

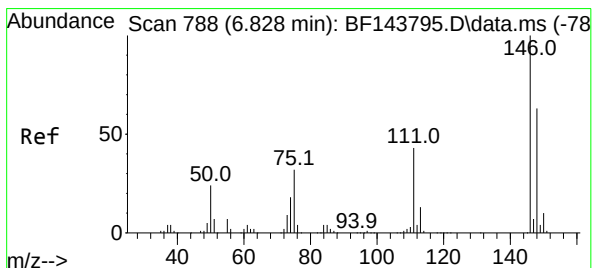
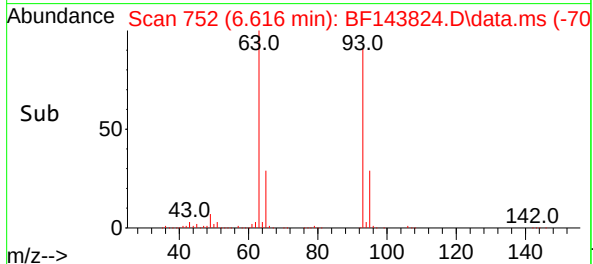
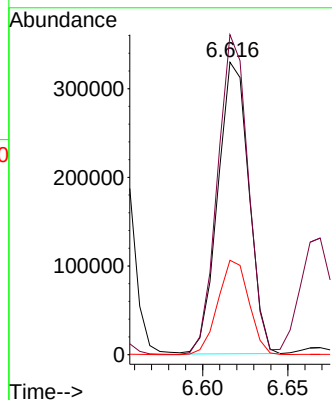
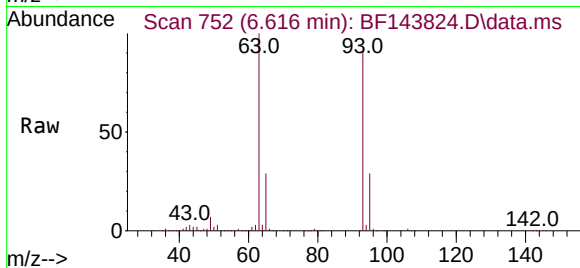




#11
bis(2-Chloroethyl)ether
Concen: 46.963 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

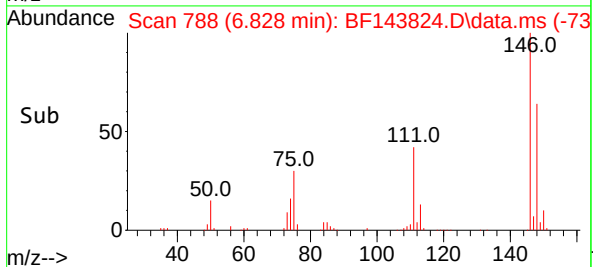
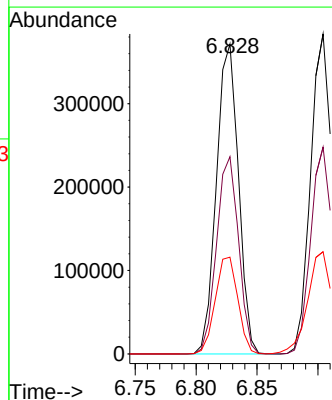
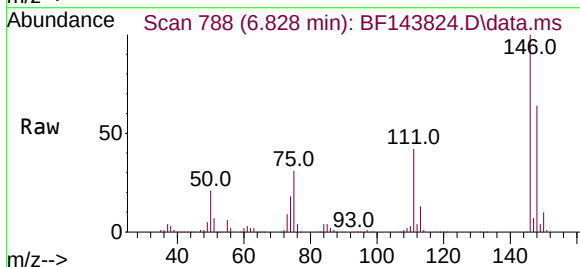
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

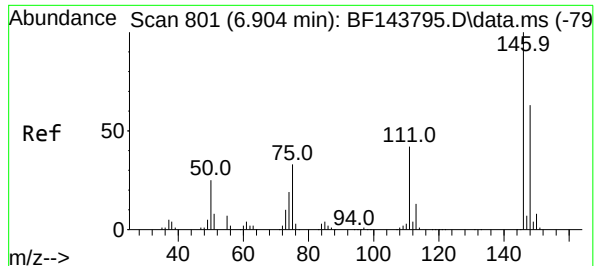
Tgt Ion: 93 Resp: 417054
Ion Ratio Lower Upper
93 100
63 109.4 89.2 129.2
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.631 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:146 Resp: 467543
Ion Ratio Lower Upper
146 100
148 63.6 50.4 75.6
75 31.2 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 47.035 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

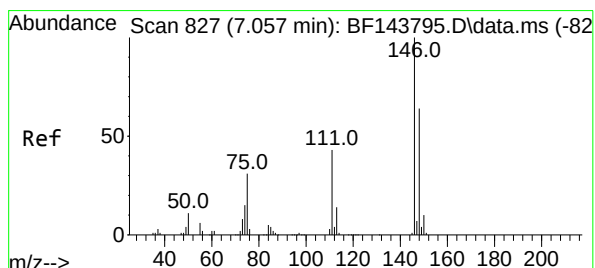
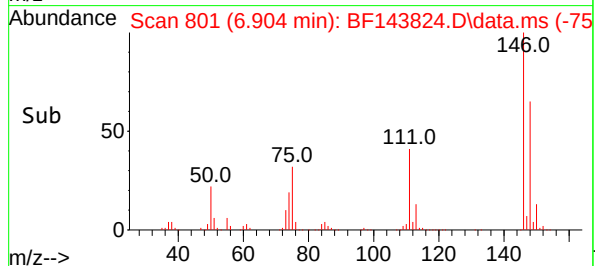
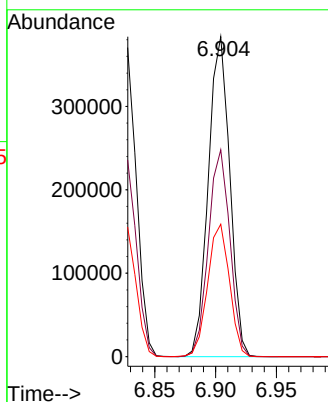
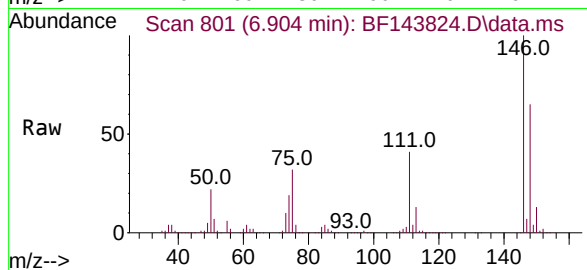
Tgt Ion:146 Resp: 470629

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 41.4 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 47.198 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

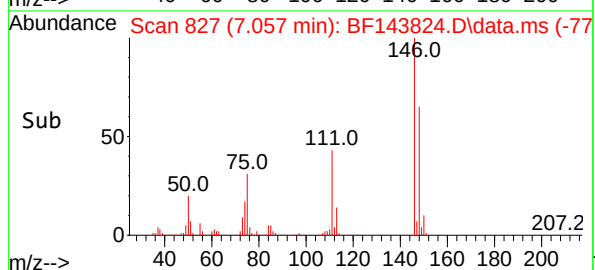
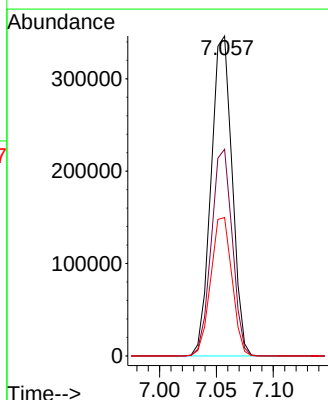
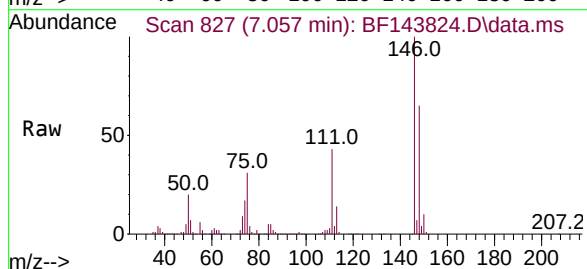
Tgt Ion:146 Resp: 447287

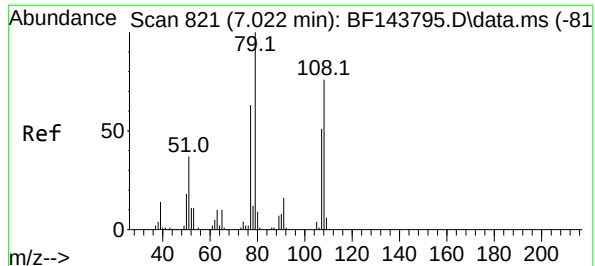
Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

111 43.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 54.589 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF143824.D

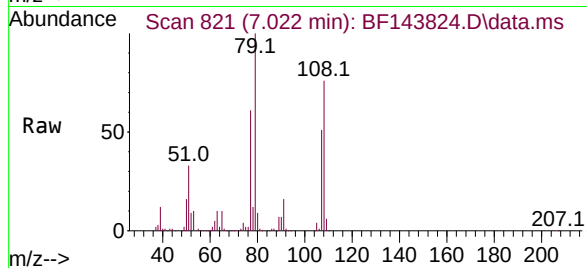
Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS



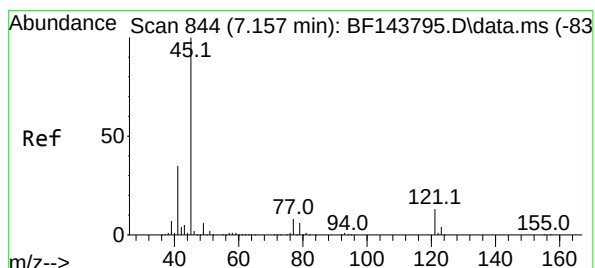
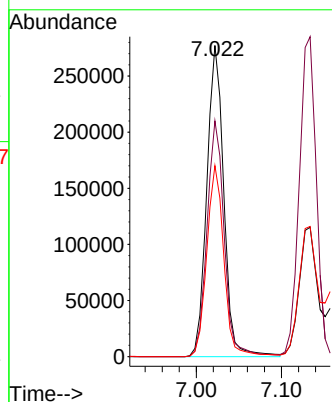
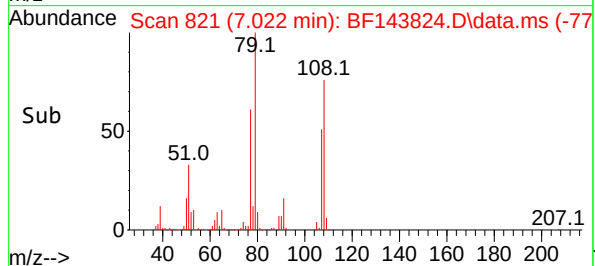
Tgt Ion: 79 Resp: 384438

Ion Ratio Lower Upper

79 100

108 75.7 60.5 90.7

77 61.4 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.113 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

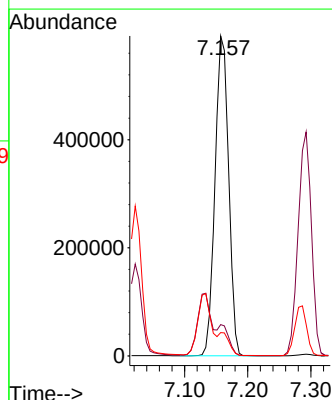
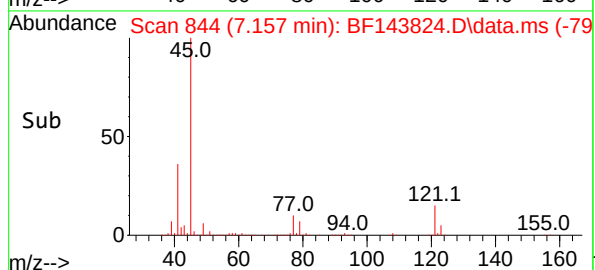
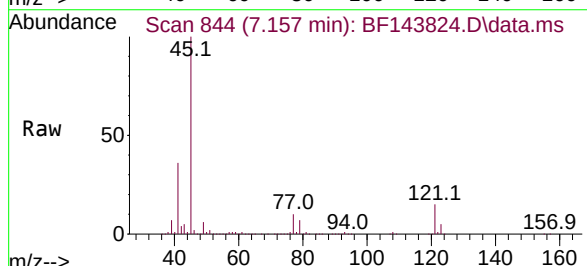
Tgt Ion: 45 Resp: 886792

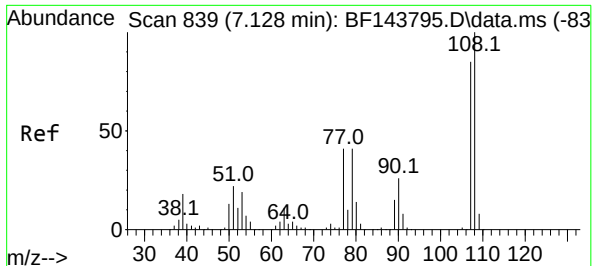
Ion Ratio Lower Upper

45 100

77 9.8 0.0 28.5

79 7.3 0.0 26.3

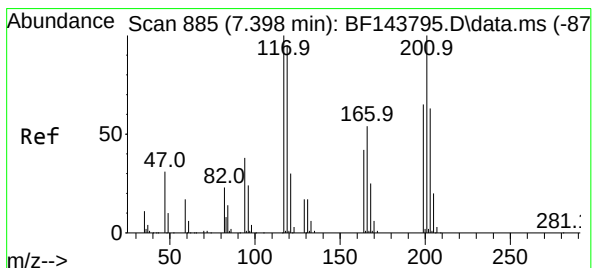
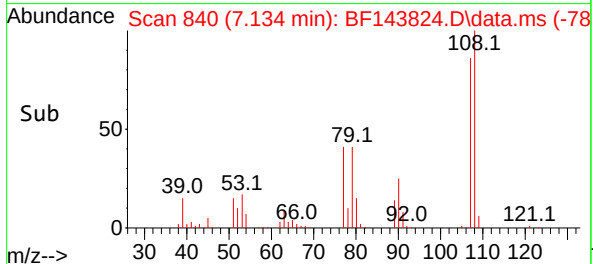
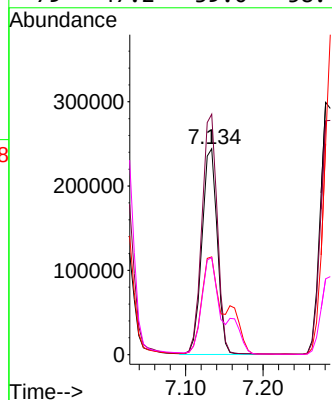
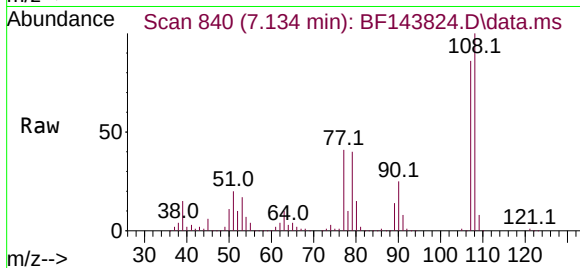




#17
2-Methylphenol
Concen: 50.500 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

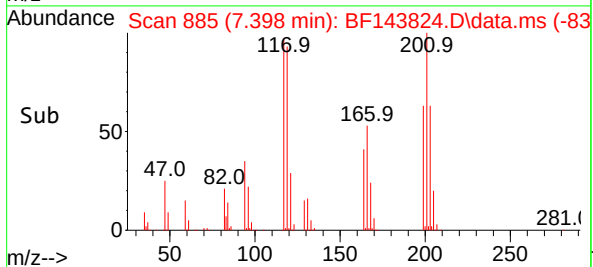
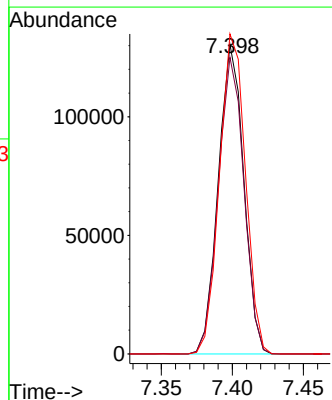
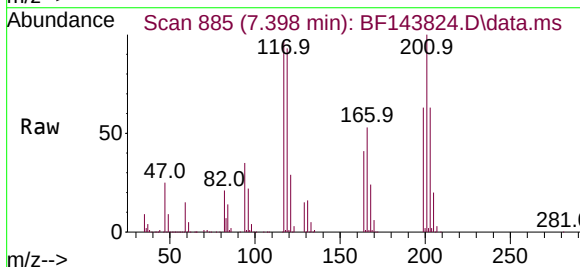
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

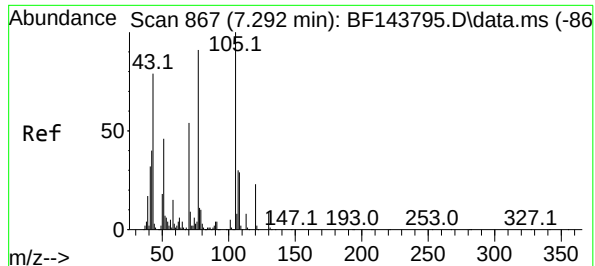
Tgt Ion:107 Resp: 337622
Ion Ratio Lower Upper
107 100
108 116.7 94.2 141.4
77 47.5 38.6 58.0
79 47.2 39.0 58.4



#18
Hexachloroethane
Concen: 46.249 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:117 Resp: 162744
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 103.4 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 47.691 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

Tgt Ion: 70 Resp: 298907

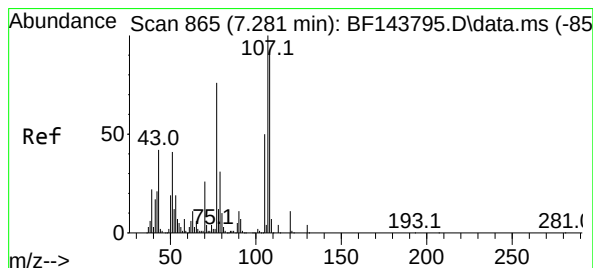
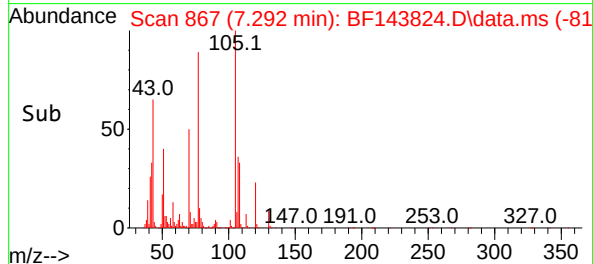
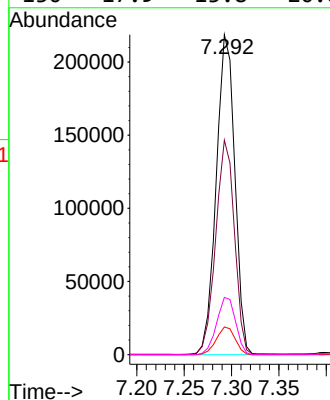
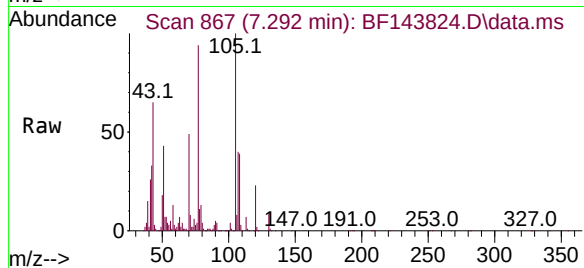
Ion Ratio Lower Upper

70 100

42 67.0 59.4 89.0

101 8.6 7.1 10.7

130 17.9 13.8 20.8



#20

3+4-Methylphenols

Concen: 49.456 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Tgt Ion: 107 Resp: 402656

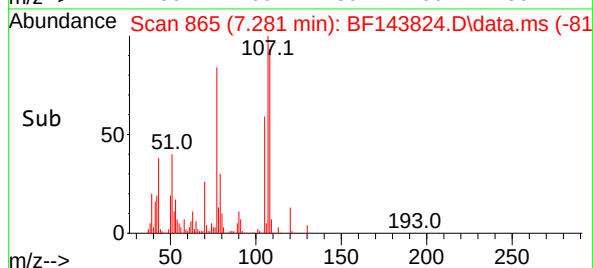
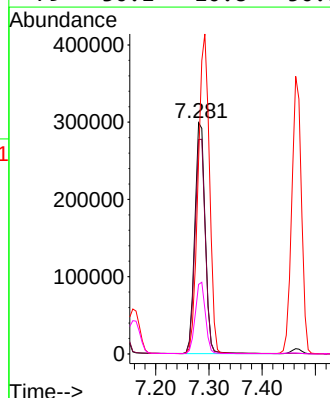
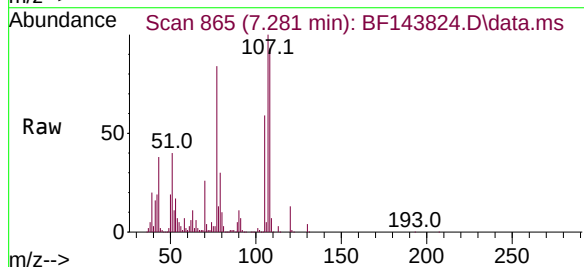
Ion Ratio Lower Upper

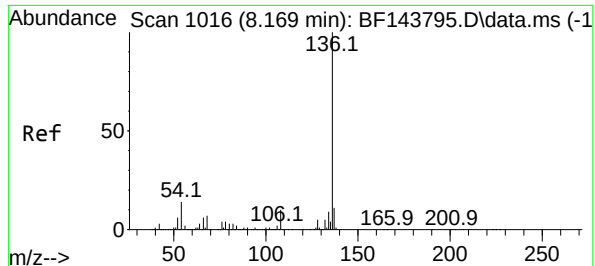
107 100

108 92.8 72.5 112.5

77 83.6 56.2 96.2

79 30.1 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

Tgt Ion:136 Resp: 530817

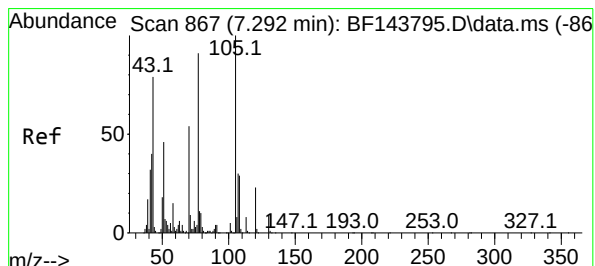
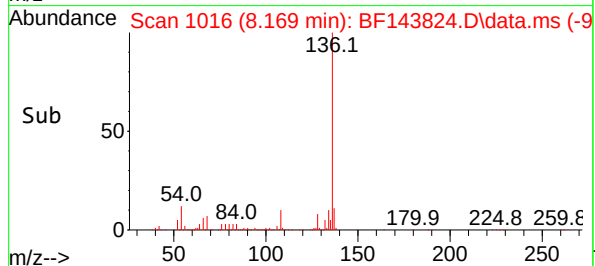
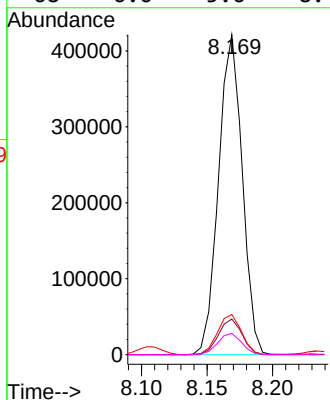
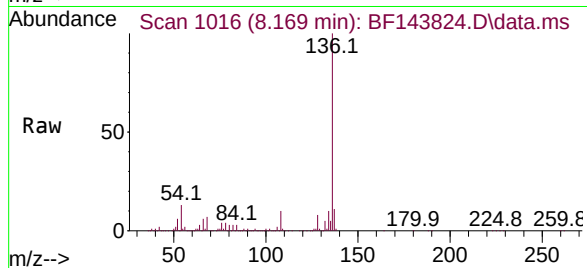
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 12.5 11.2 16.8

68 6.6 5.6 8.4



#22

Acetophenone

Concen: 50.587 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Tgt Ion:105 Resp: 589782

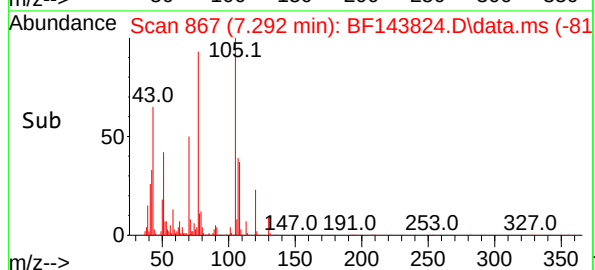
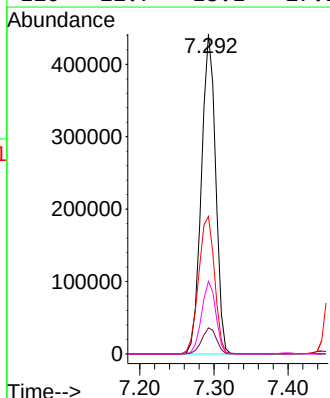
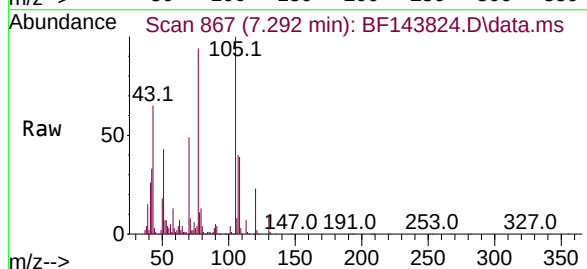
Ion Ratio Lower Upper

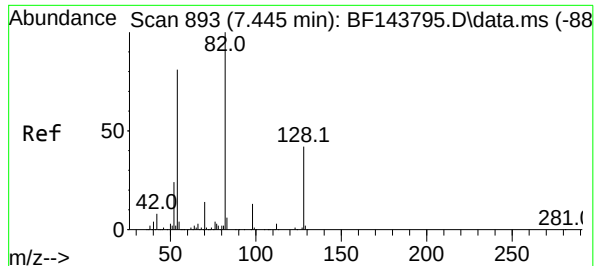
105 100

71 8.1 7.0 10.4

51 43.0 36.6 55.0

120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 56.618 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

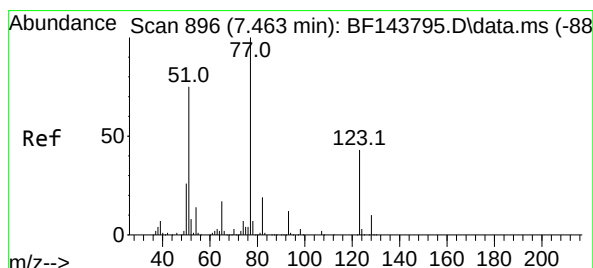
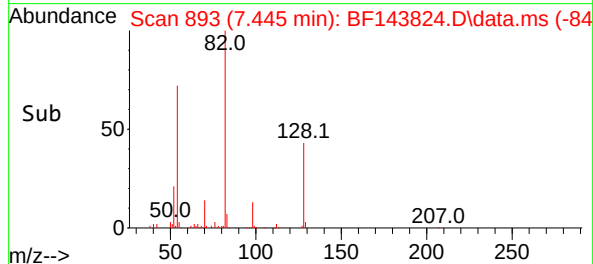
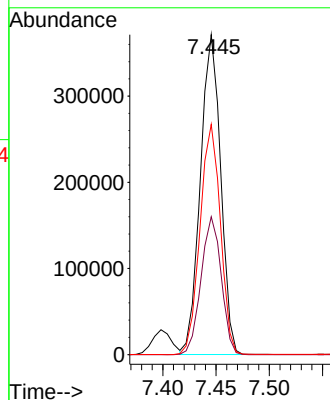
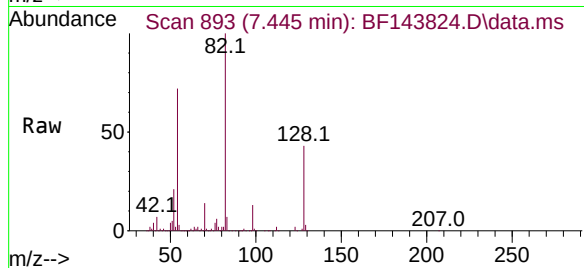
Tgt Ion: 82 Resp: 490981

Ion Ratio Lower Upper

82 100

128 43.1 33.3 49.9

54 71.9 64.2 96.4



#24

Nitrobenzene

Concen: 47.122 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

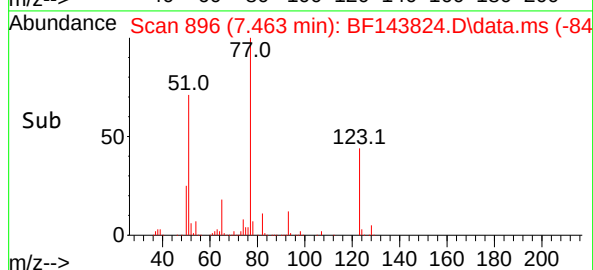
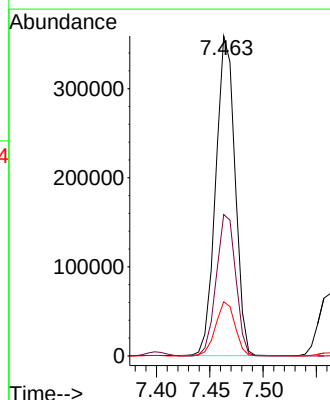
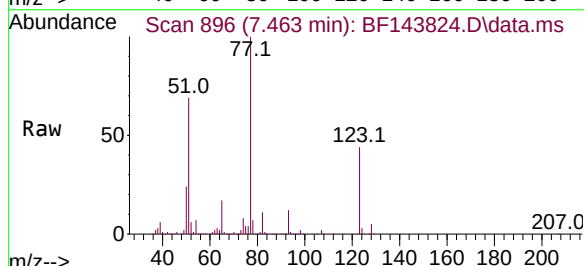
Tgt Ion: 77 Resp: 452938

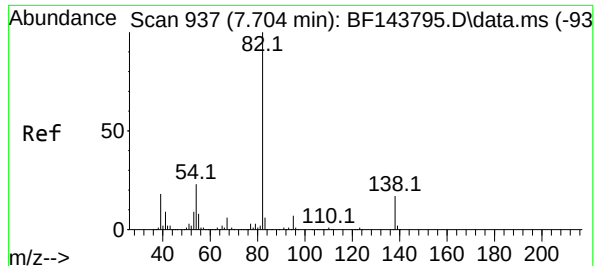
Ion Ratio Lower Upper

77 100

123 44.2 34.0 51.0

65 16.9 13.5 20.3





#25

Isophorone

Concen: 49.365 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

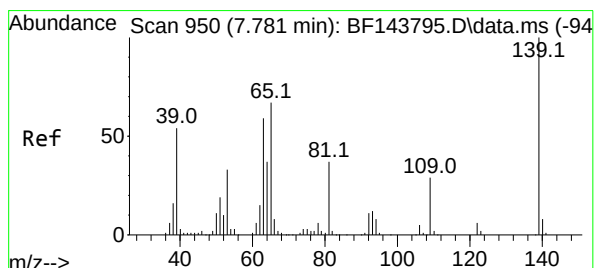
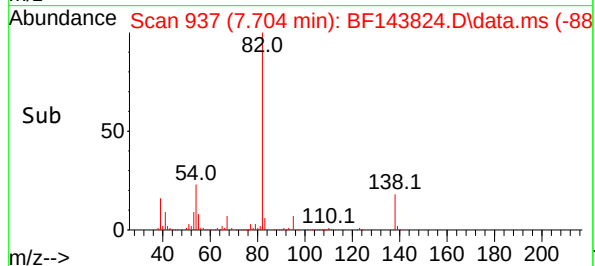
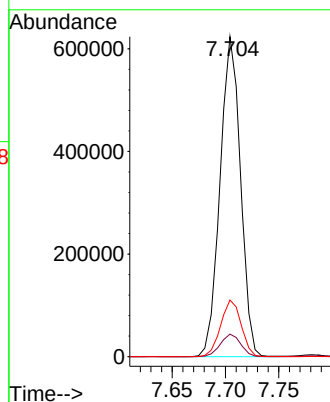
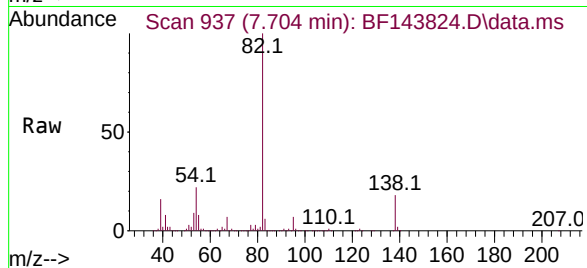
Tgt Ion: 82 Resp: 834201

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.7 13.7 20.5



#26

2-Nitrophenol

Concen: 51.860 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.005 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

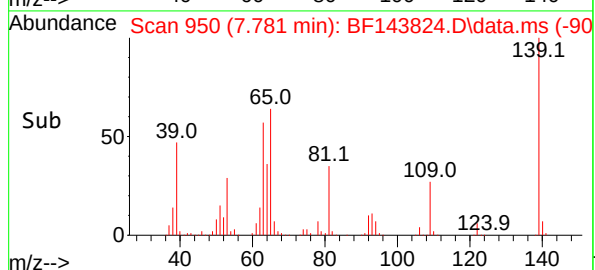
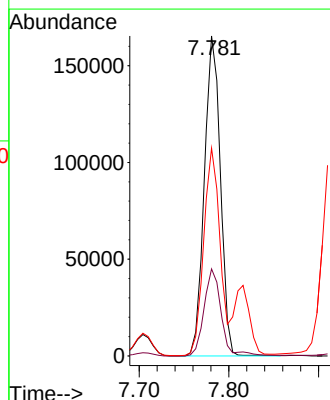
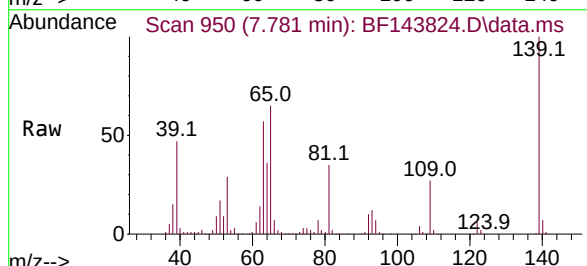
Tgt Ion: 139 Resp: 205566

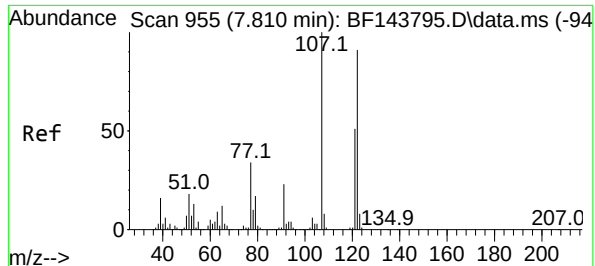
Ion Ratio Lower Upper

139 100

109 27.2 23.3 34.9

65 64.9 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 52.662 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143824.D

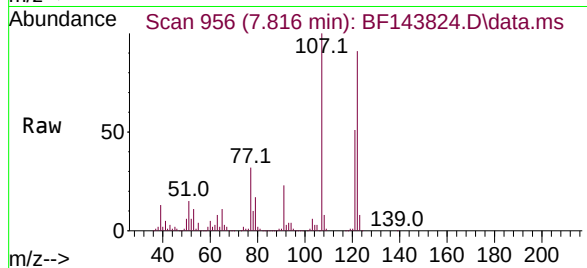
Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS



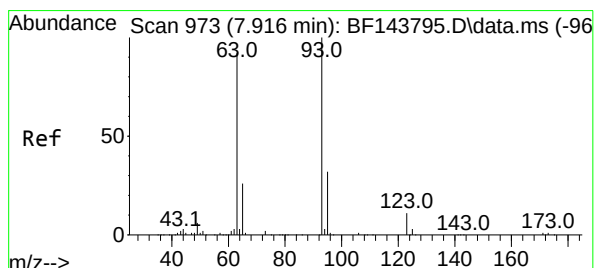
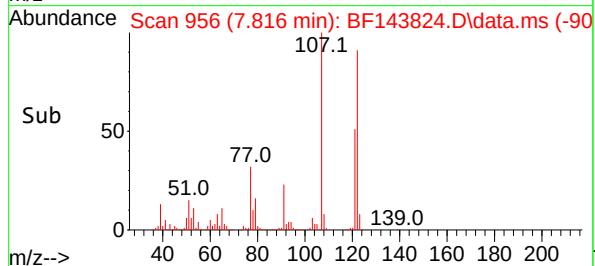
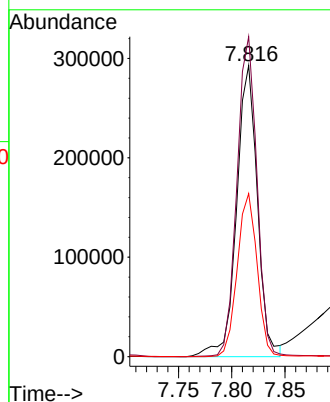
Tgt Ion:122 Resp: 397758

Ion Ratio Lower Upper

122 100

107 109.9 87.5 131.3

121 56.0 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.228 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

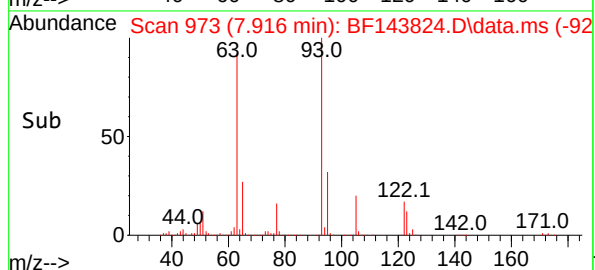
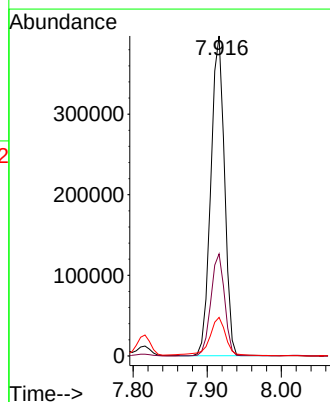
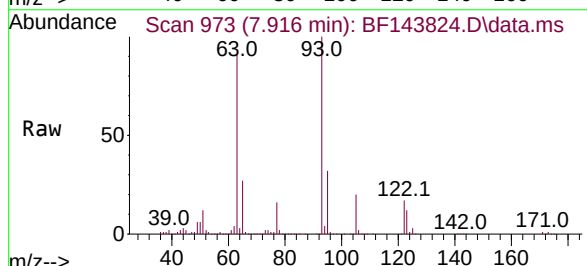
Tgt Ion: 93 Resp: 507531

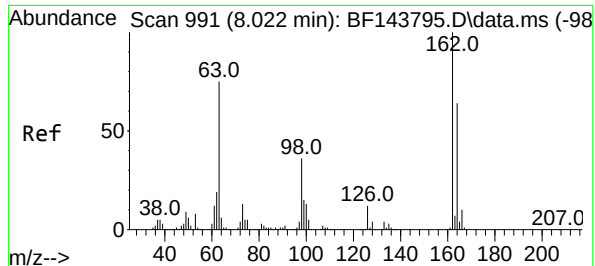
Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

123 12.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.401 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

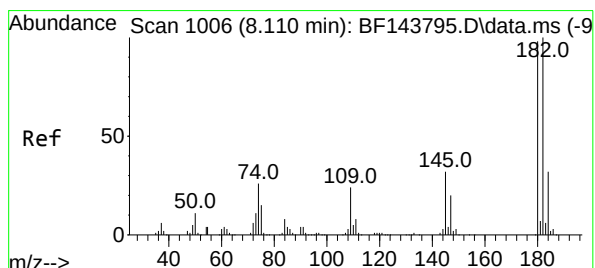
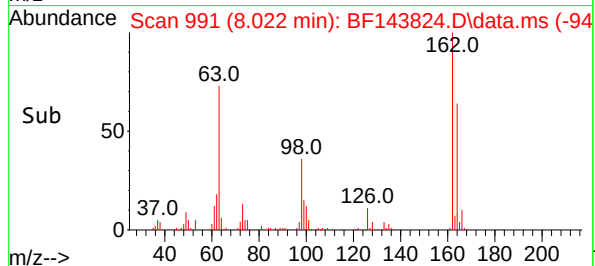
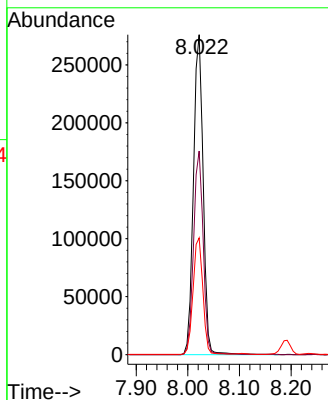
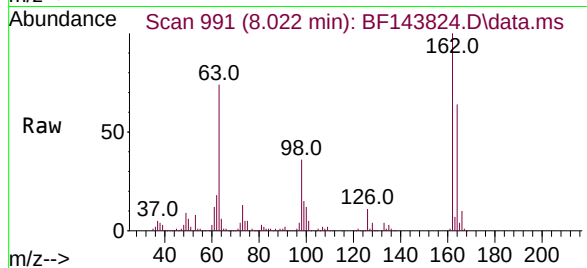
Tgt Ion:162 Resp: 359712

Ion Ratio Lower Upper

162 100

164 63.6 44.1 84.1

98 36.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 48.436 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

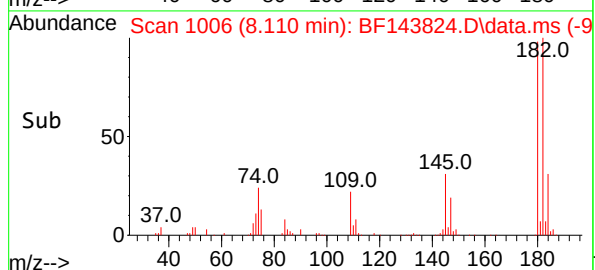
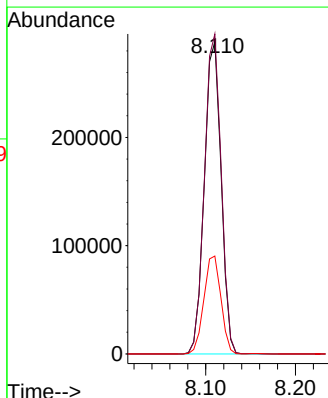
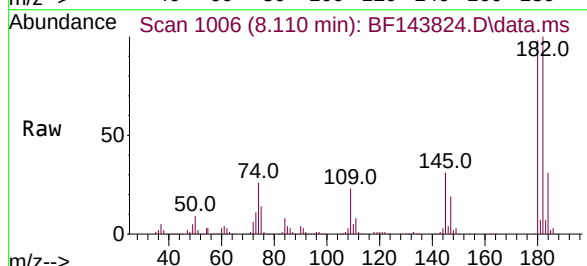
Tgt Ion:180 Resp: 373574

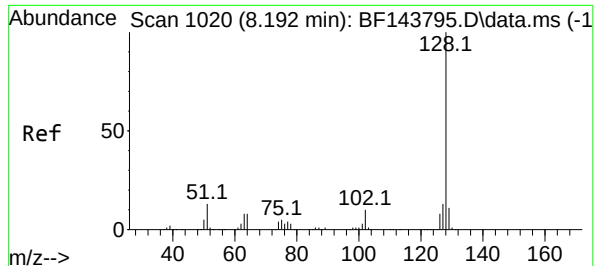
Ion Ratio Lower Upper

180 100

182 102.6 82.0 123.0

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 45.427 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

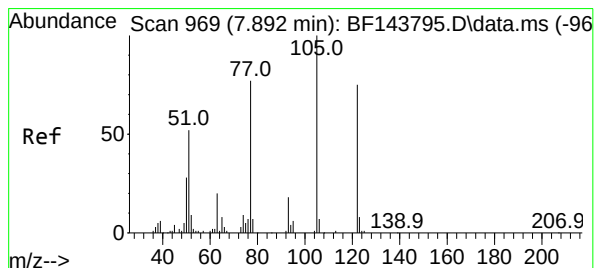
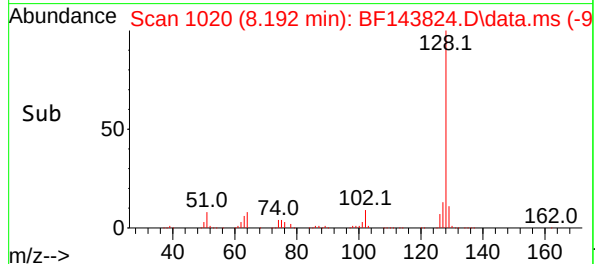
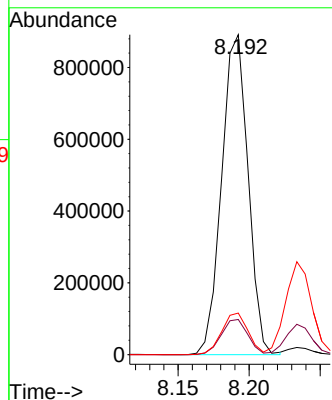
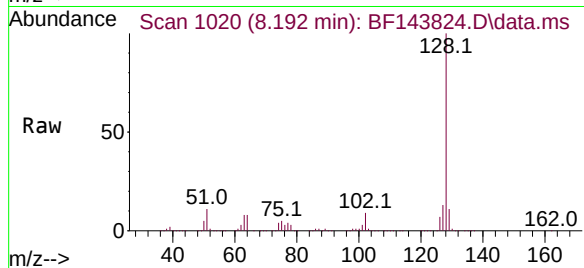
Tgt Ion:128 Resp: 1154341

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 73.359 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

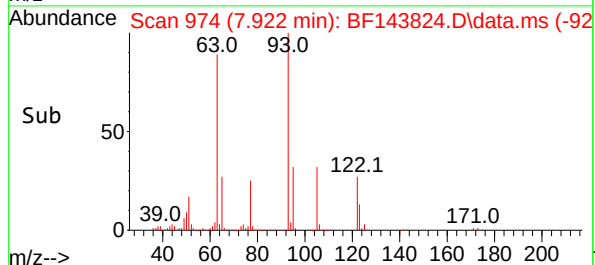
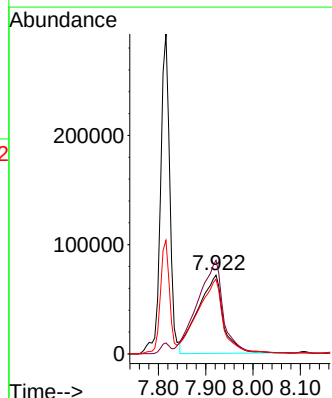
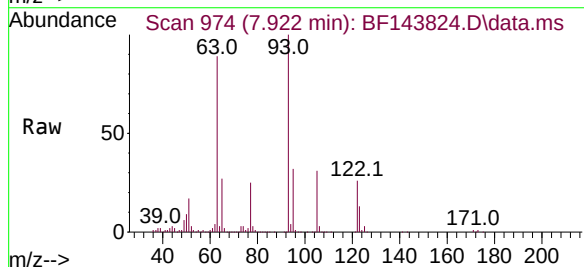
Tgt Ion:122 Resp: 267335

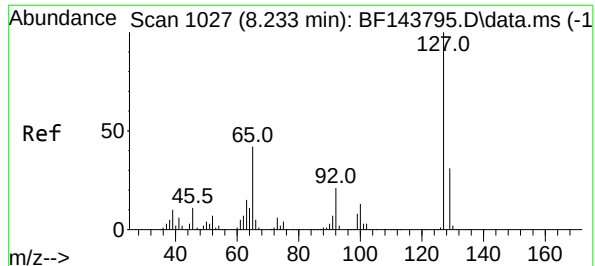
Ion Ratio Lower Upper

122 100

105 118.9 103.7 143.7

77 94.9 78.8 118.8





#33

4-Chloroaniline

Concen: 37.611 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

Tgt Ion:127 Resp: 335862

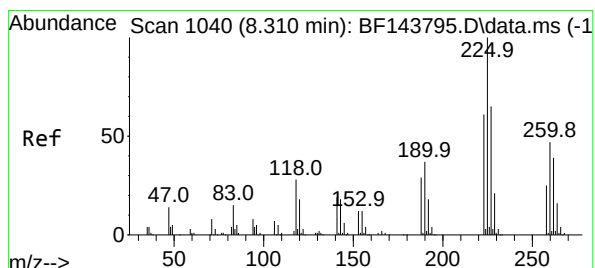
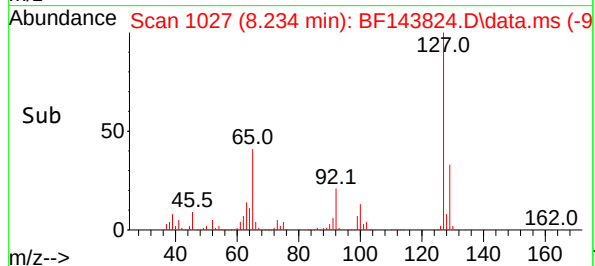
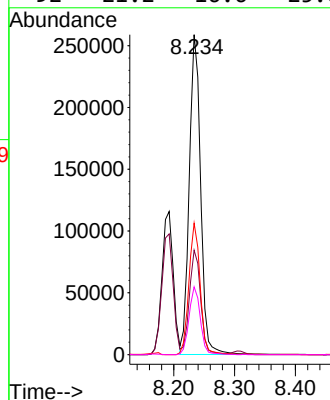
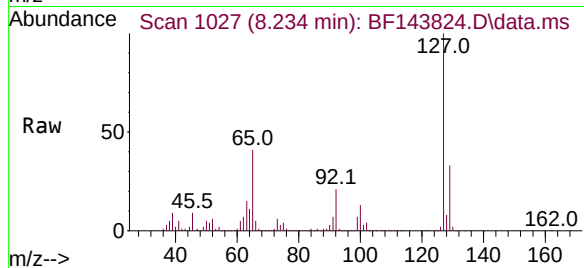
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2

65 41.1 33.4 50.2

92 21.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 46.478 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

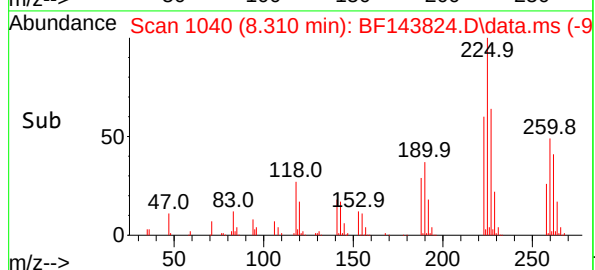
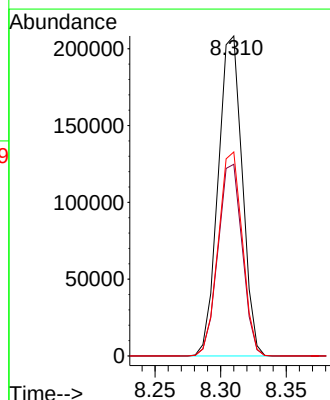
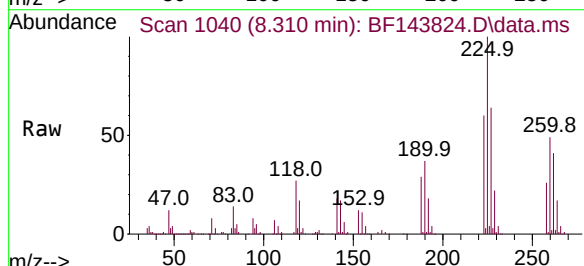
Tgt Ion:225 Resp: 267229

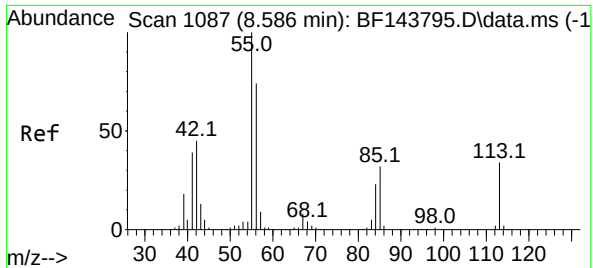
Ion Ratio Lower Upper

225 100

223 59.9 48.6 72.8

227 63.7 51.9 77.9

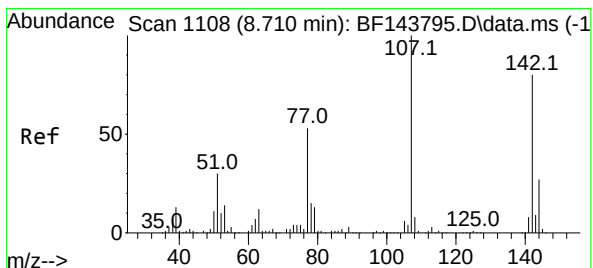
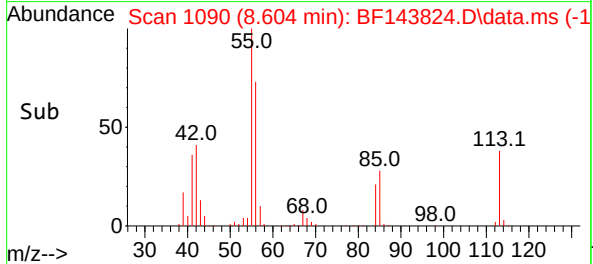
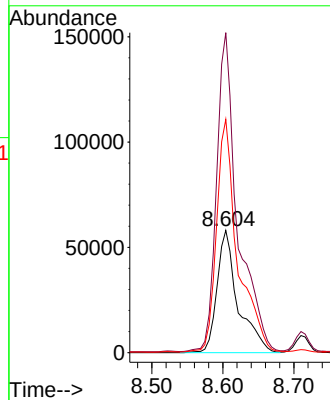
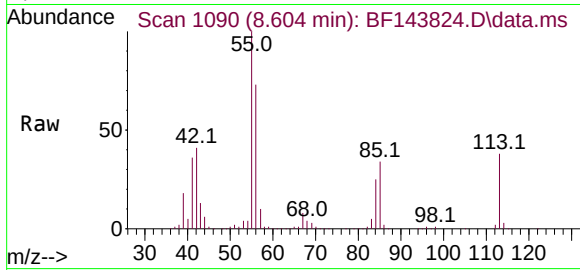




#35
Caprolactam
Concen: 62.757 ng
RT: 8.604 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

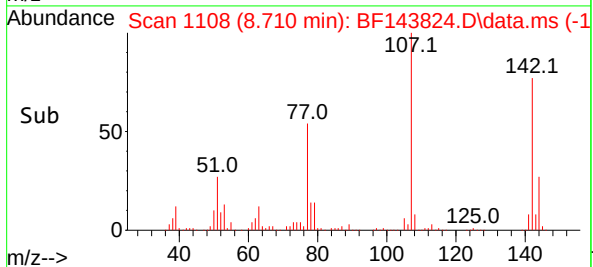
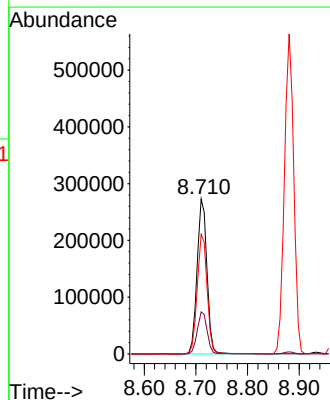
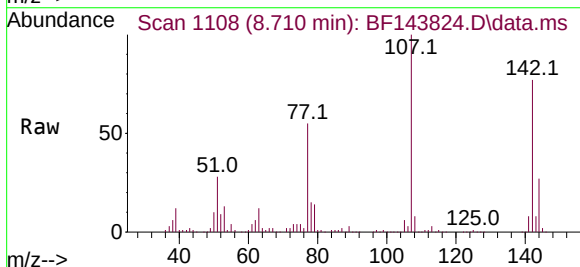
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

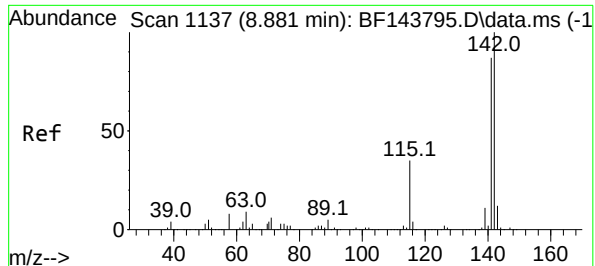
Tgt Ion:113 Resp: 119213
Ion Ratio Lower Upper
113 100
55 261.9 271.7 311.7#
56 190.8 194.5 234.5#



#36
4-Chloro-3-methylphenol
Concen: 52.016 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:107 Resp: 362563
Ion Ratio Lower Upper
107 100
144 27.1 21.8 32.8
142 77.0 63.6 95.4





#37

2-Methylnaphthalene

Concen: 43.643 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

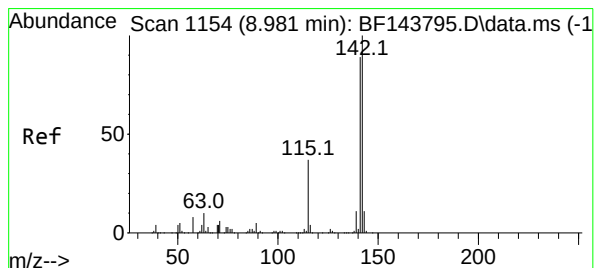
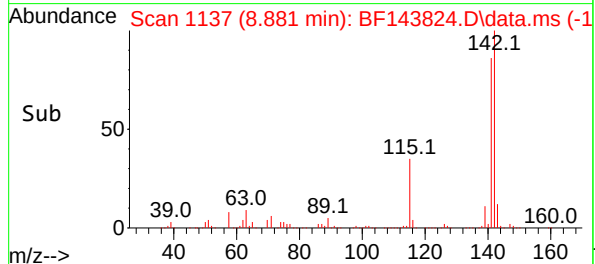
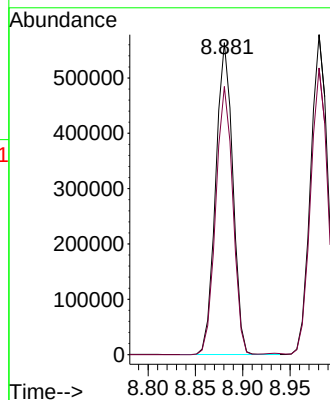
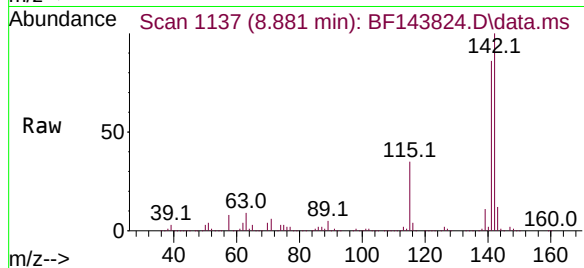
WALL-PROBE-BRICK-1MS

Tgt Ion:142 Resp: 707157

Ion Ratio Lower Upper

142 100

141 86.0 69.4 104.0



#38

1-Methylnaphthalene

Concen: 46.548 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143824.D

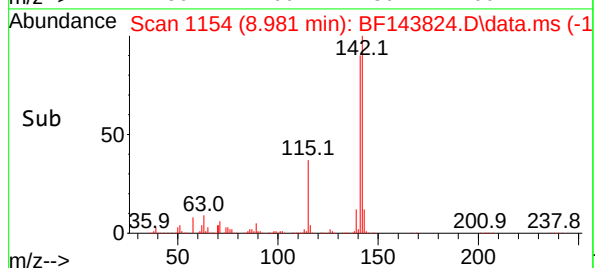
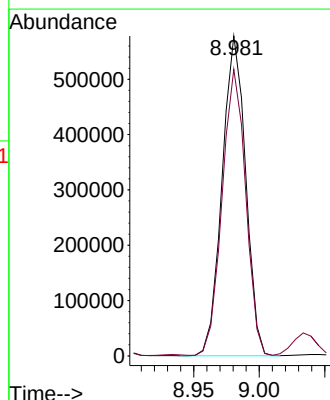
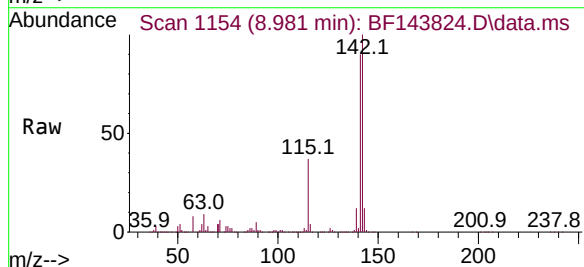
Acq: 29 Sep 2025 16:14

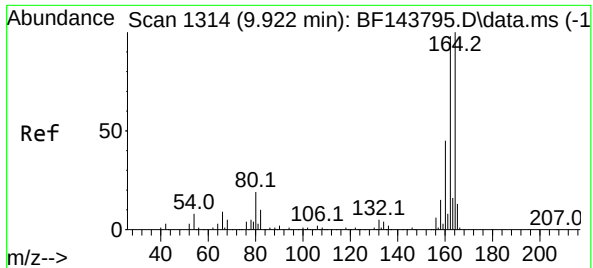
Tgt Ion:142 Resp: 721917

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

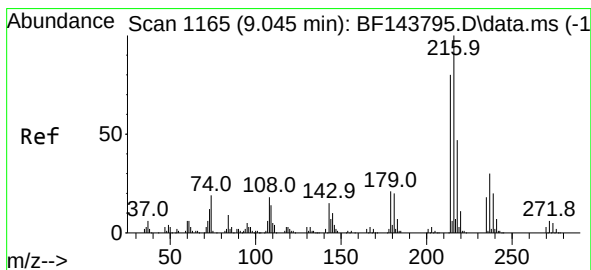
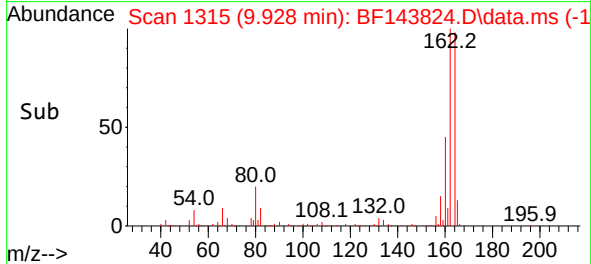
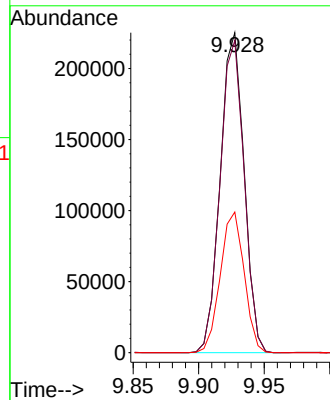
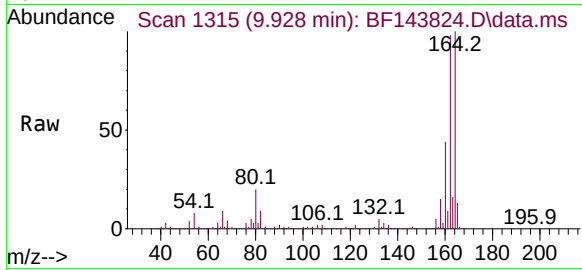




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

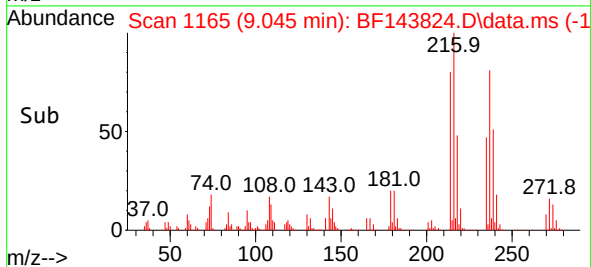
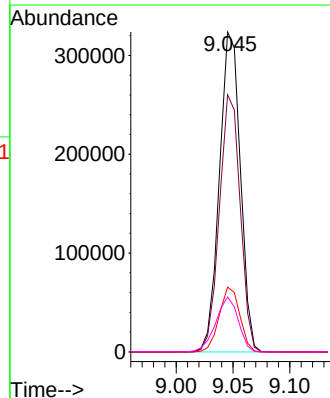
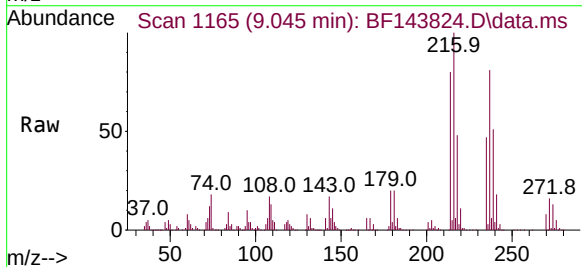
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

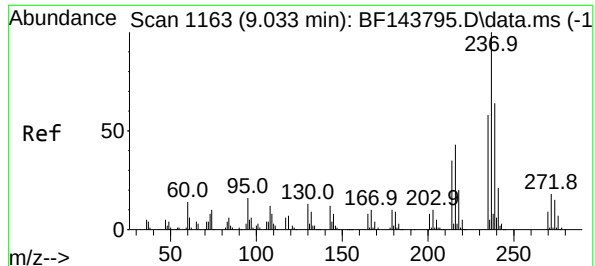
Tgt Ion:164 Resp: 285401
Ion Ratio Lower Upper
164 100
162 97.5 78.8 118.2
160 43.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.141 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:216 Resp: 414637
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 19.9 16.5 24.7
108 18.4 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 114.971 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

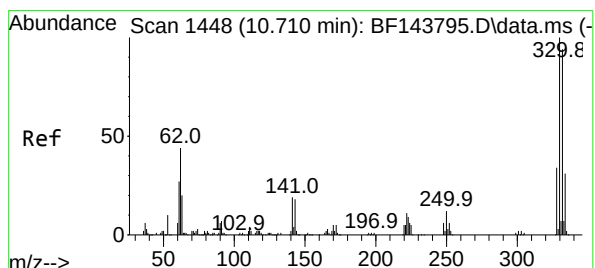
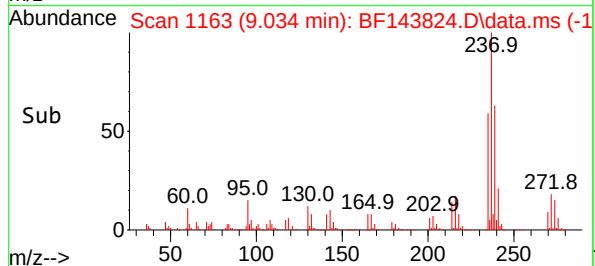
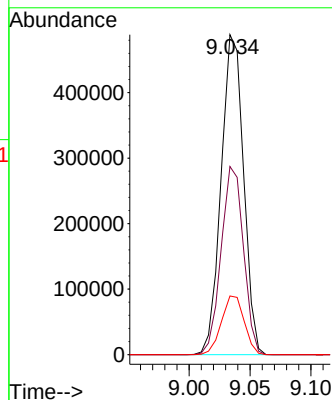
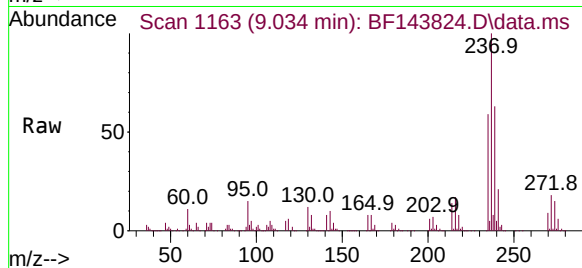
Tgt Ion:237 Resp: 627578

Ion Ratio Lower Upper

237 100

235 58.8 38.1 78.1

272 18.3 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 10.829 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

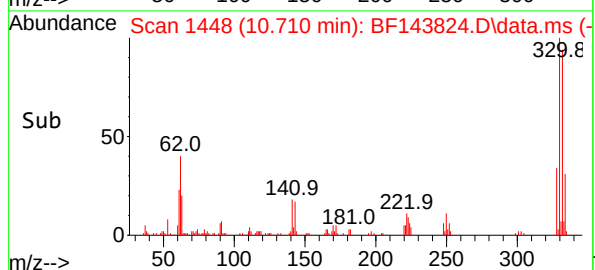
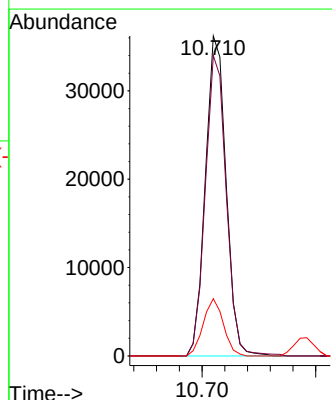
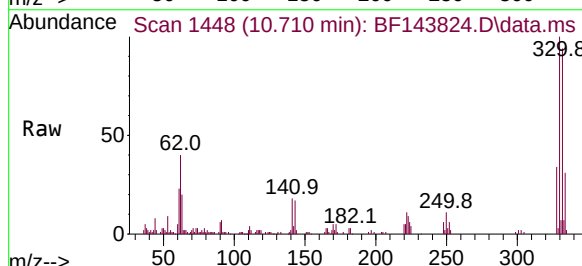
Tgt Ion:330 Resp: 45762

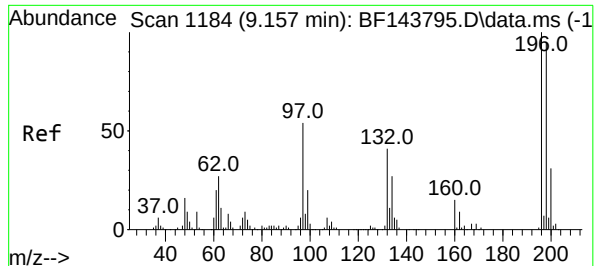
Ion Ratio Lower Upper

330 100

332 95.1 74.7 112.1

141 17.4 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 50.474 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

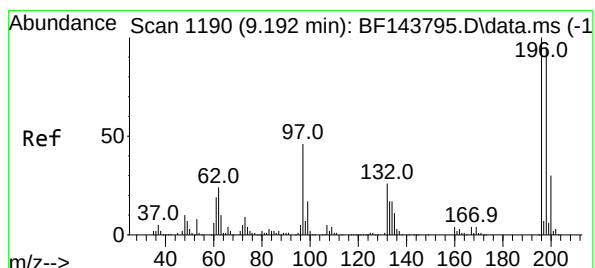
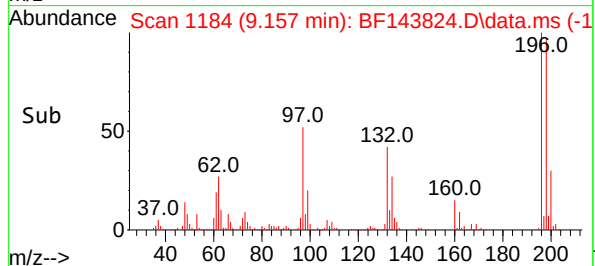
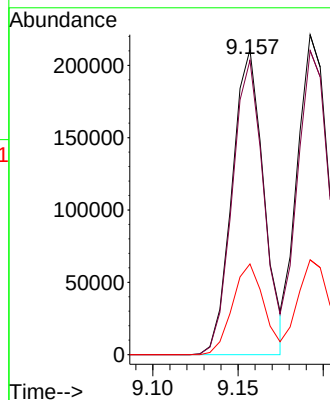
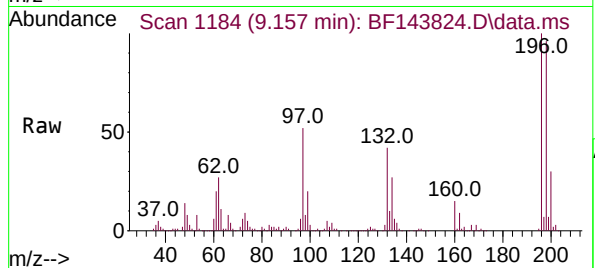
Tgt Ion:196 Resp: 272210

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.2

200 29.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 50.307 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Tgt Ion:196 Resp: 283788

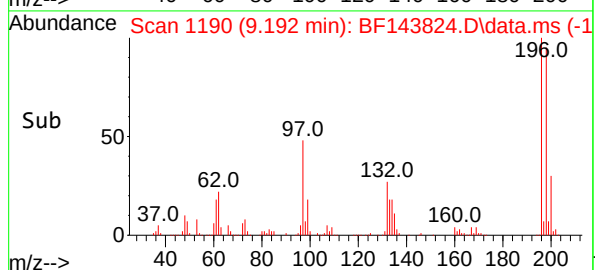
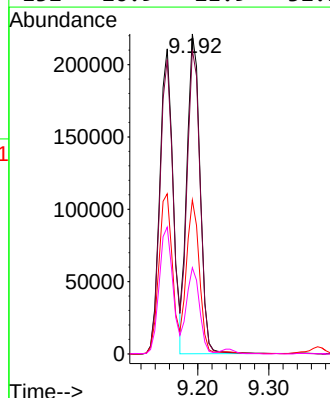
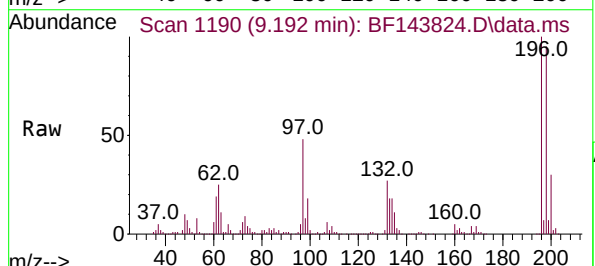
Ion Ratio Lower Upper

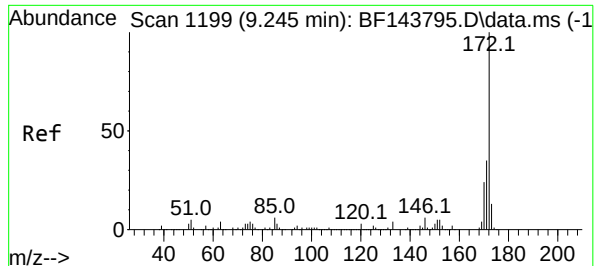
196 100

198 95.0 75.9 113.9

97 48.1 38.3 57.5

132 26.9 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 50.866 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

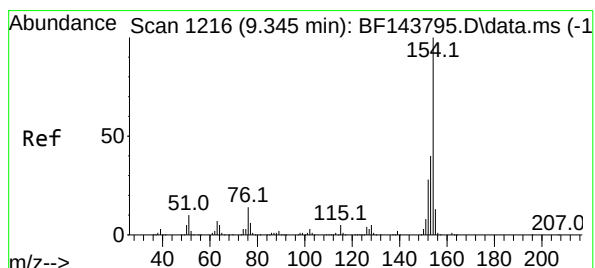
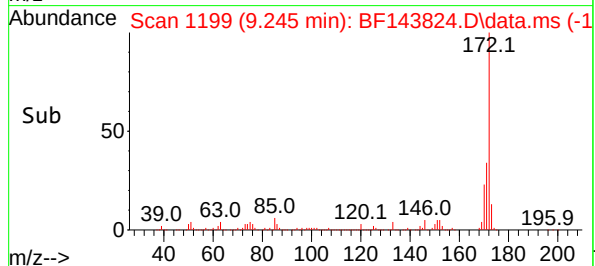
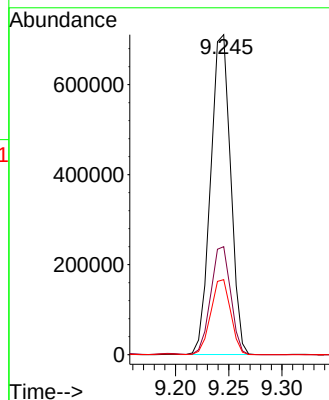
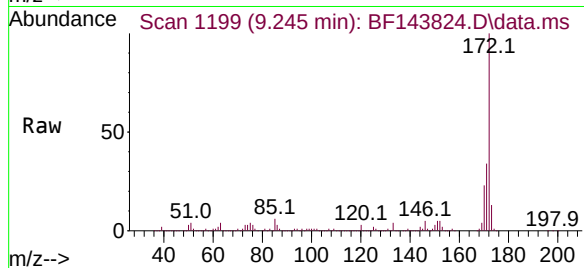
Tgt Ion:172 Resp: 930293

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

170 23.4 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.919 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

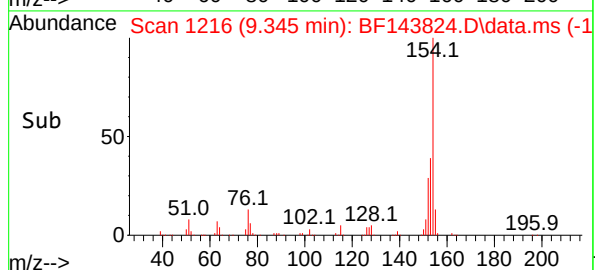
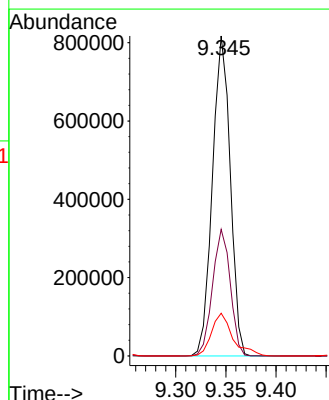
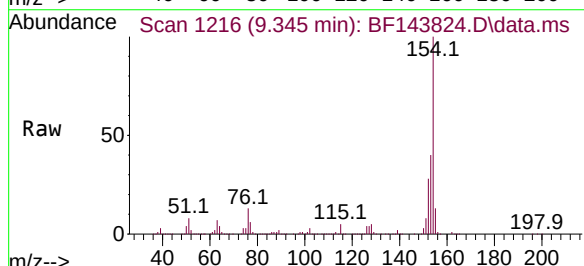
Tgt Ion:154 Resp: 1010630

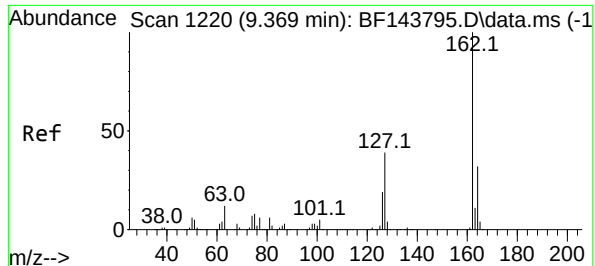
Ion Ratio Lower Upper

154 100

153 39.5 19.7 59.7

76 13.4 0.0 33.8





#47

2-Chloronaphthalene

Concen: 44.366 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

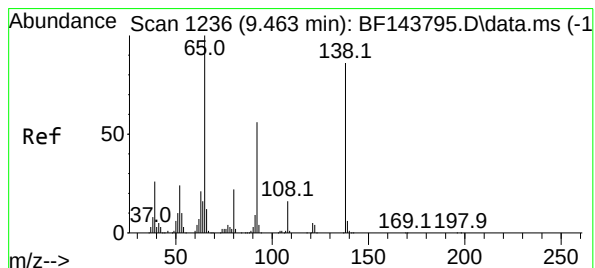
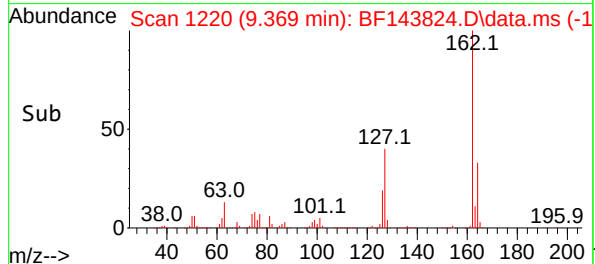
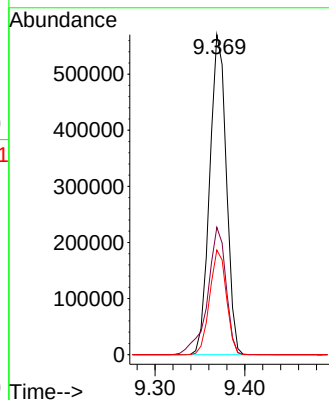
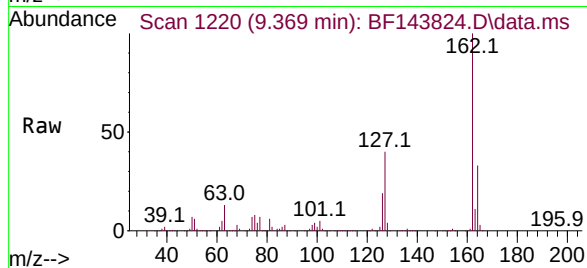
Tgt Ion:162 Resp: 737793

Ion Ratio Lower Upper

162 100

127 39.8 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 58.071 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

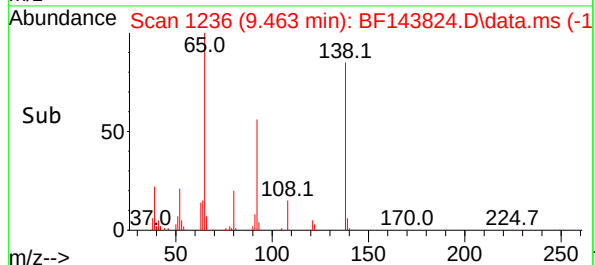
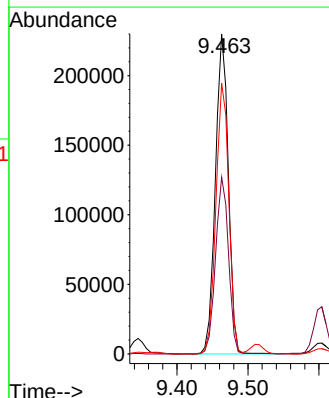
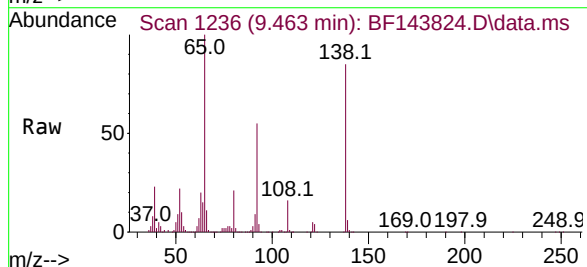
Tgt Ion: 65 Resp: 291871

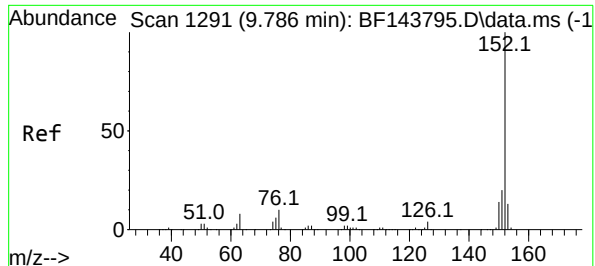
Ion Ratio Lower Upper

65 100

92 55.2 44.9 67.3

138 84.6 69.0 103.4





#49

Acenaphthylene

Concen: 52.417 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

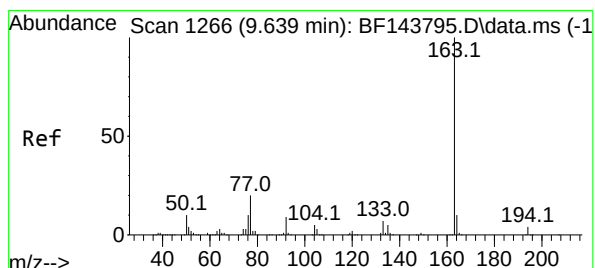
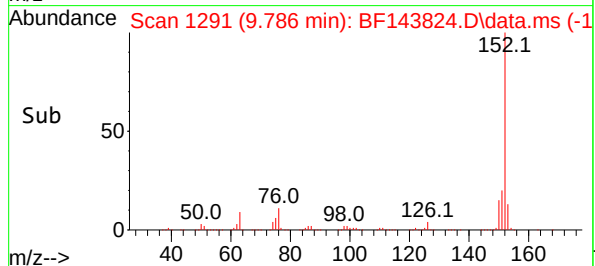
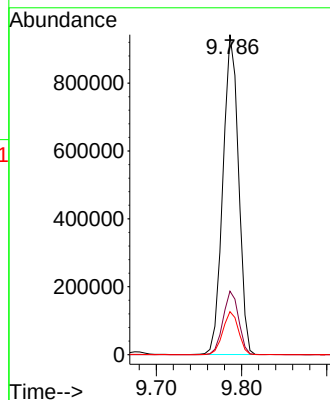
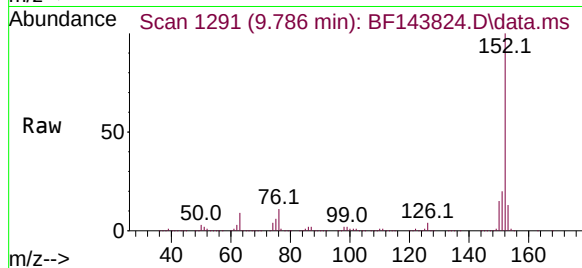
Tgt Ion:152 Resp: 1200008

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 49.460 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

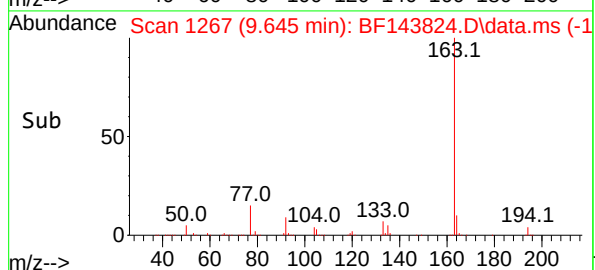
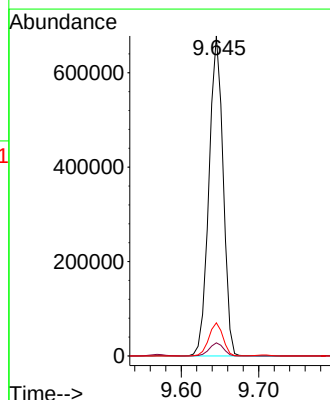
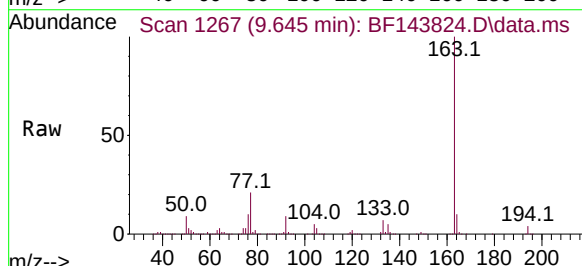
Tgt Ion:163 Resp: 860358

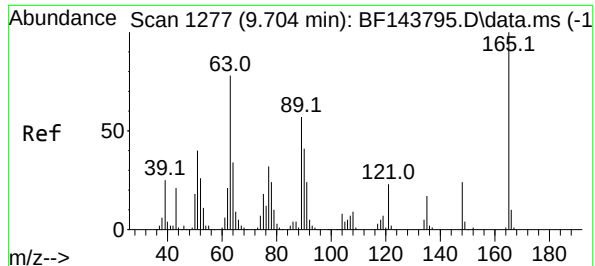
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.3 8.2 12.2

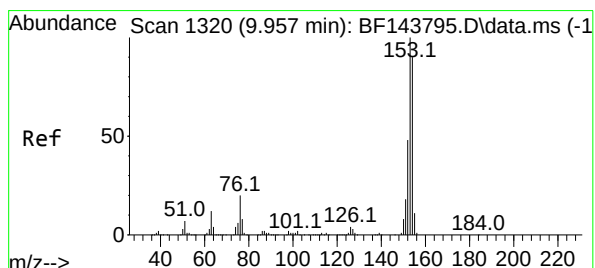
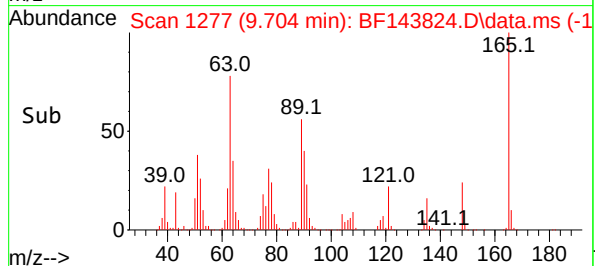
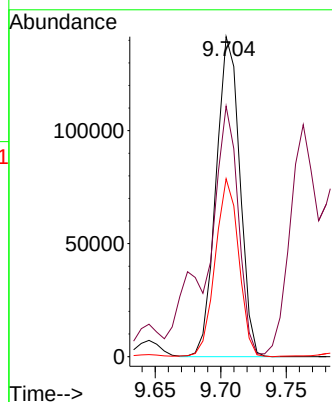
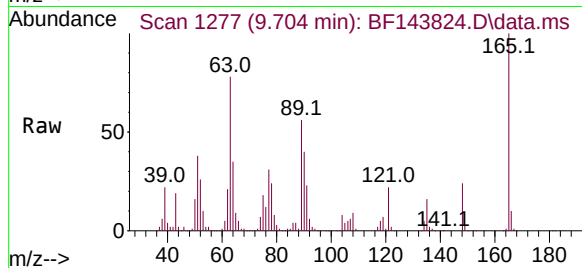




#51
2,6-Dinitrotoluene
Concen: 62.529 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

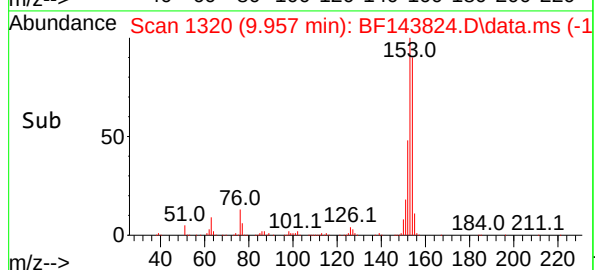
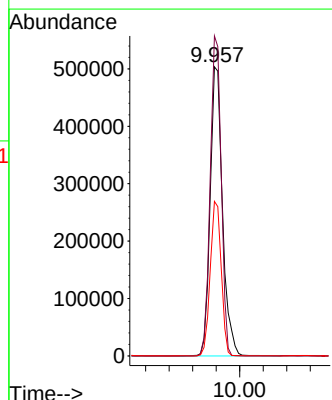
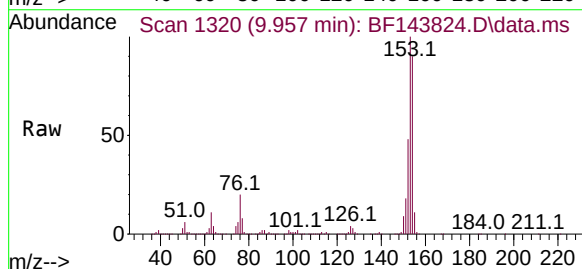
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

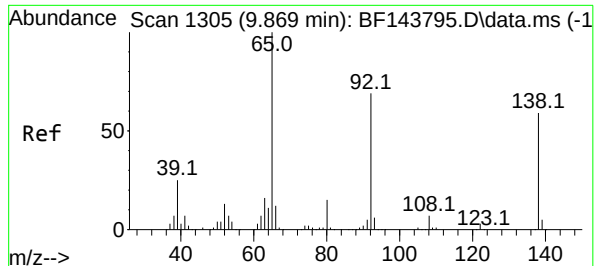
Tgt Ion:165 Resp: 178710
Ion Ratio Lower Upper
165 100
63 78.3 62.6 94.0
89 55.6 45.2 67.8



#52
Acenaphthene
Concen: 48.776 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:154 Resp: 734822
Ion Ratio Lower Upper
154 100
153 110.7 88.7 133.1
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 43.707 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

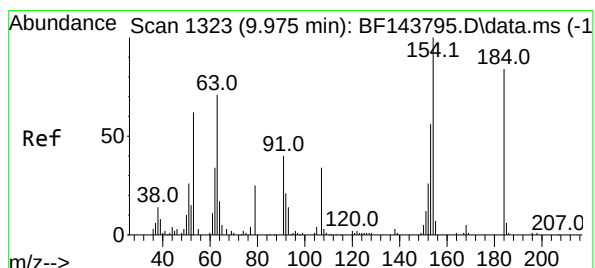
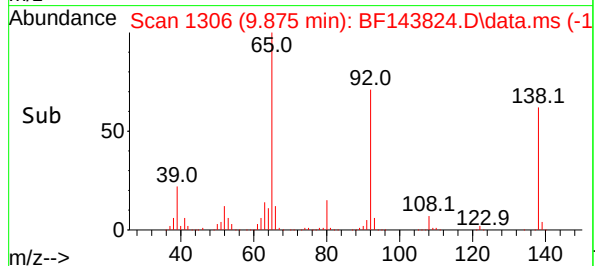
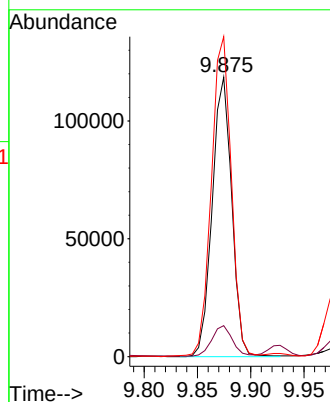
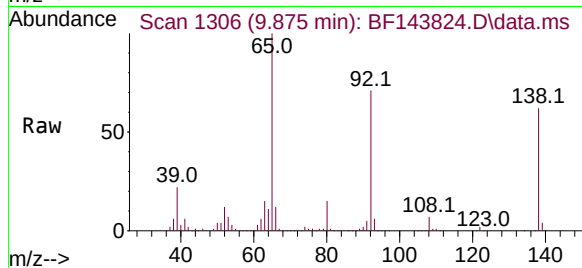
Tgt Ion:138 Resp: 151414

Ion Ratio Lower Upper

138 100

108 11.1 9.9 14.9

92 114.5 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 97.420 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.005 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

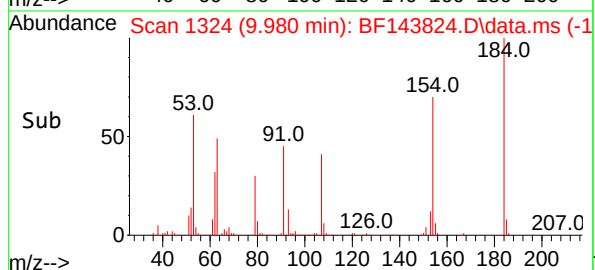
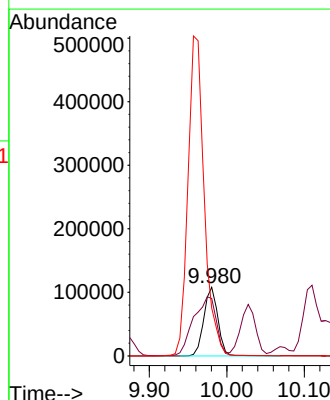
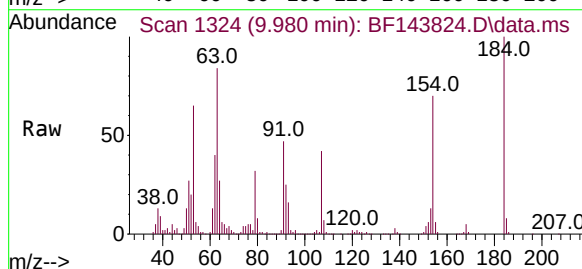
Tgt Ion:184 Resp: 135484

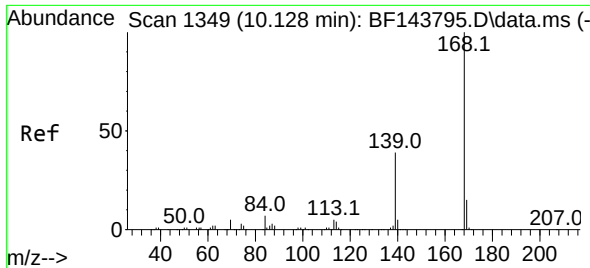
Ion Ratio Lower Upper

184 100

63 83.8 84.6 127.0#

154 69.8 199.3 298.9#





#55

Dibenzenofuran

Concen: 47.487 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

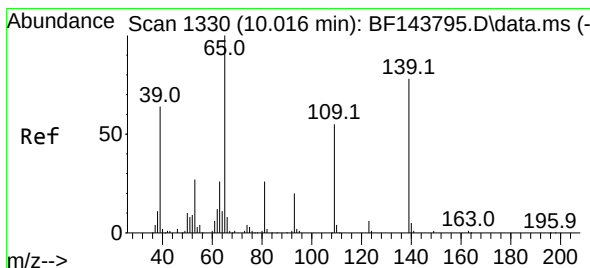
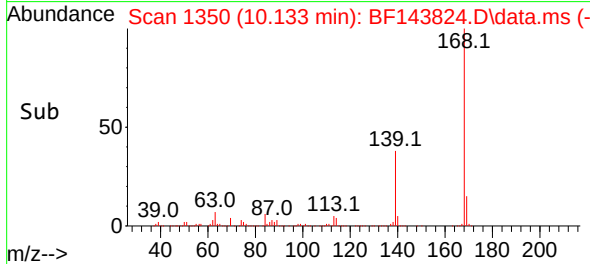
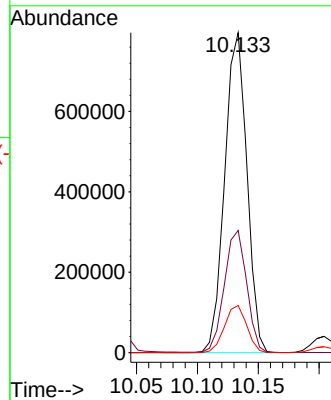
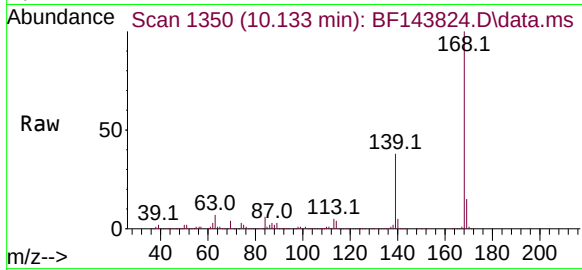
Tgt Ion:168 Resp: 1011654

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

169 14.8 11.9 17.9



#56

4-Nitrophenol

Concen: 104.544 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

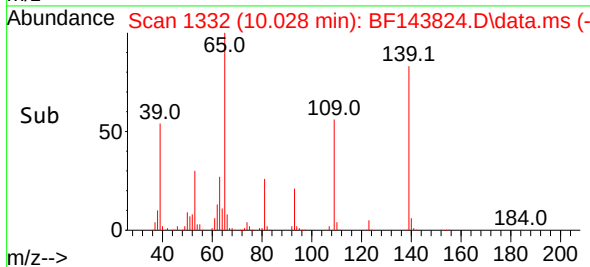
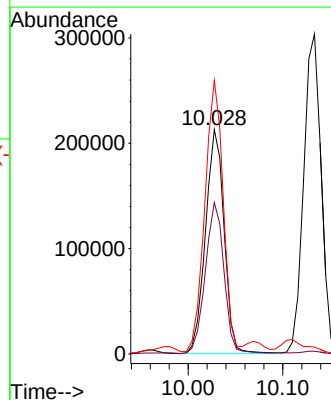
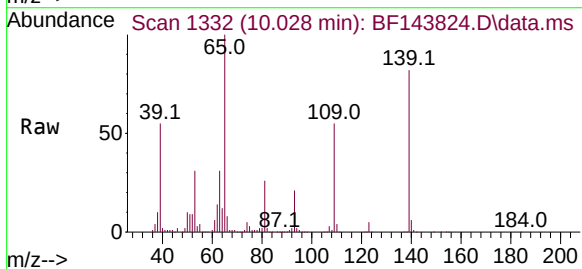
Tgt Ion:139 Resp: 291849

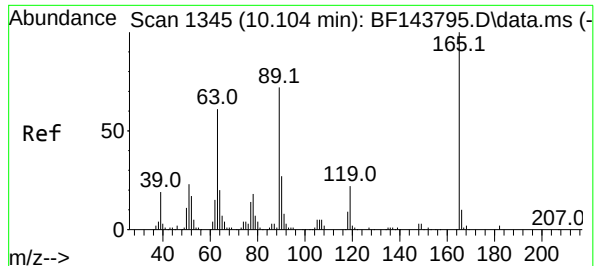
Ion Ratio Lower Upper

139 100

109 67.5 50.2 90.2

65 122.0 109.2 149.2





#57

2,4-Dinitrotoluene

Concen: 55.784 ng

RT: 10.110 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

Tgt Ion:165 Resp: 238785

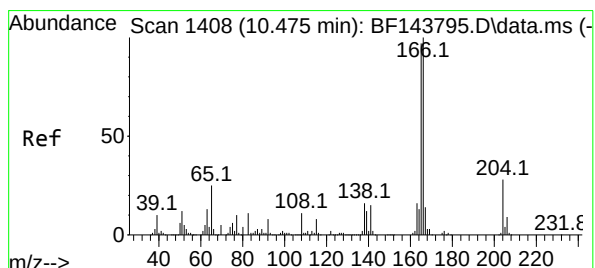
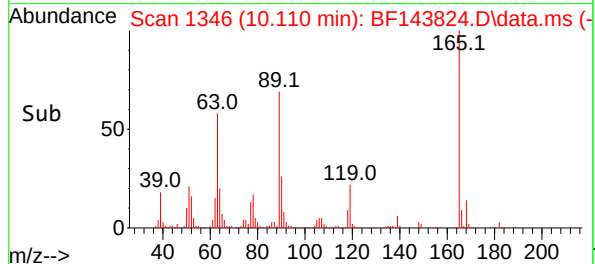
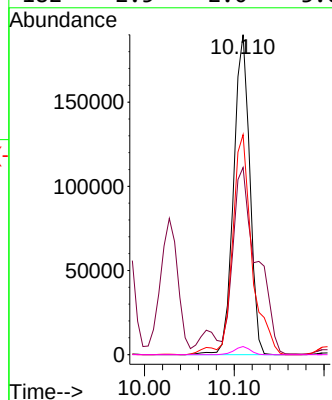
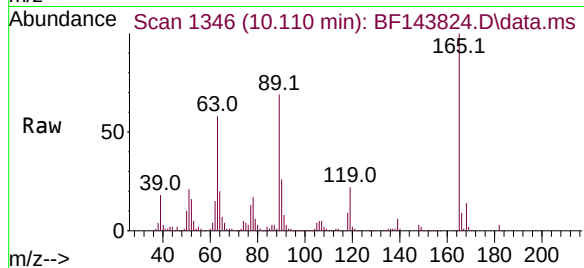
Ion Ratio Lower Upper

165 100

63 58.5 48.9 73.3

89 68.7 57.5 86.3

182 2.5 2.0 3.0



#58

Fluorene

Concen: 48.351 ng

RT: 10.475 min Scan# 1408

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

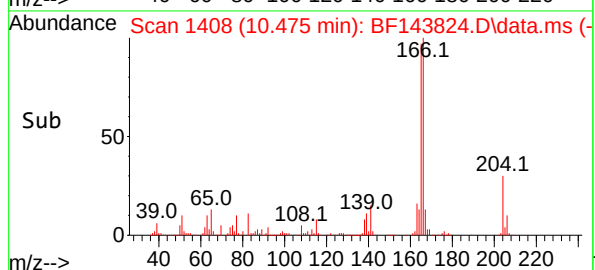
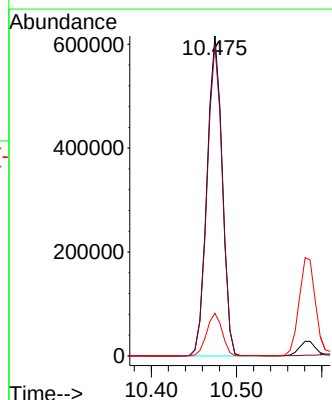
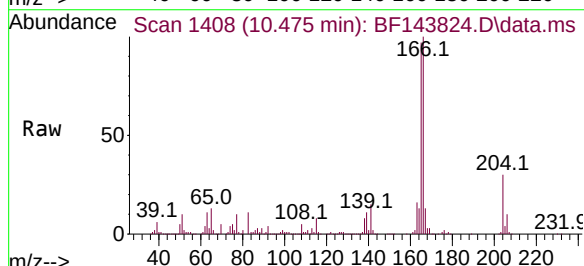
Tgt Ion:166 Resp: 765753

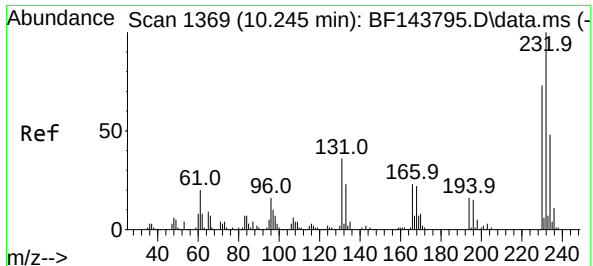
Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.066 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

Tgt Ion:232 Resp: 280608

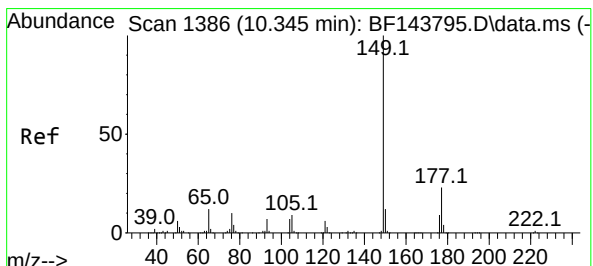
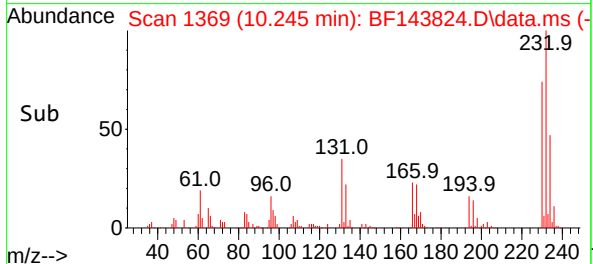
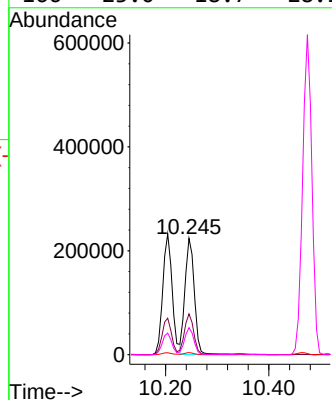
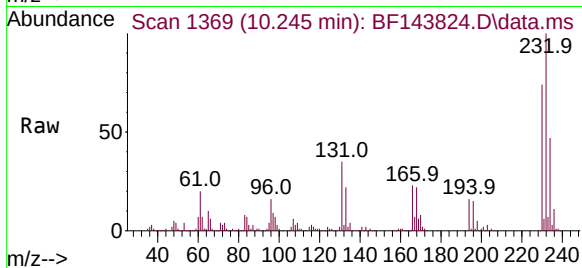
Ion Ratio Lower Upper

232 100

131 35.6 29.4 44.2

130 1.7 1.3 1.9

166 23.0 18.7 28.1



#60

Diethylphthalate

Concen: 50.731 ng

RT: 10.345 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

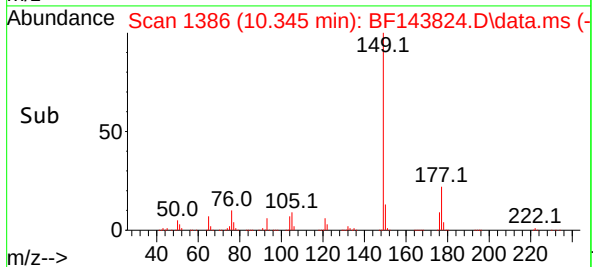
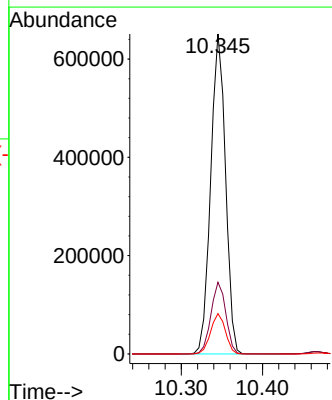
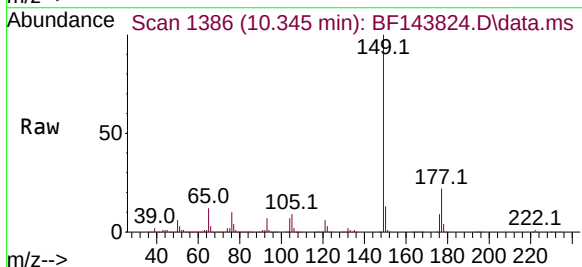
Tgt Ion:149 Resp: 826077

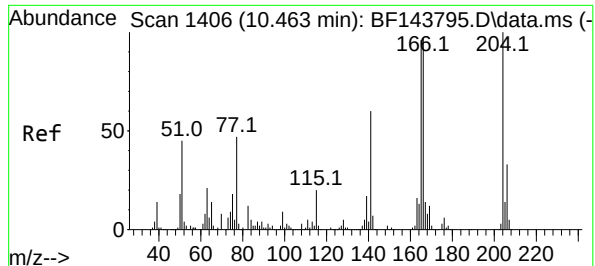
Ion Ratio Lower Upper

149 100

177 22.4 18.1 27.1

150 12.6 9.7 14.5

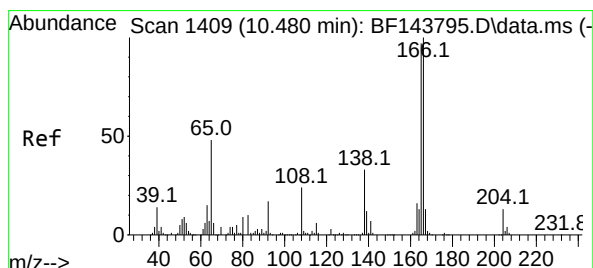
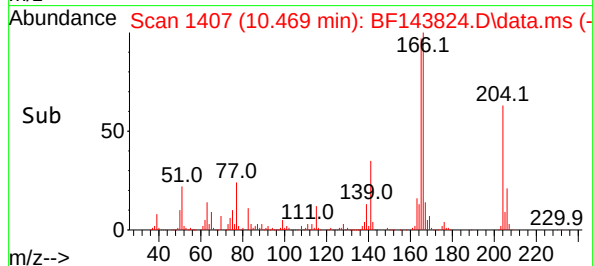
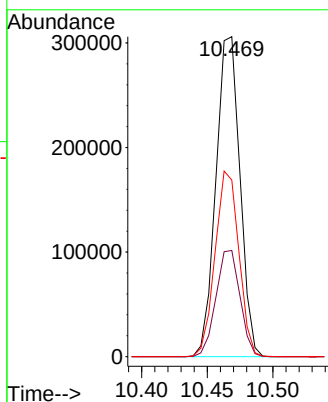
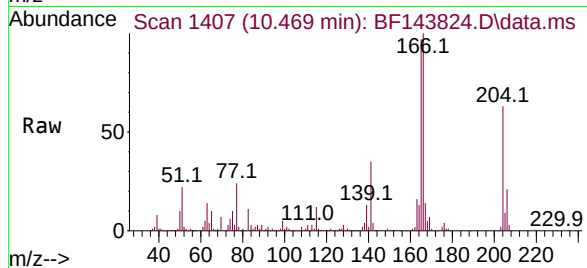




#61
4-Chlorophenyl-phenylether
Concen: 48.506 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

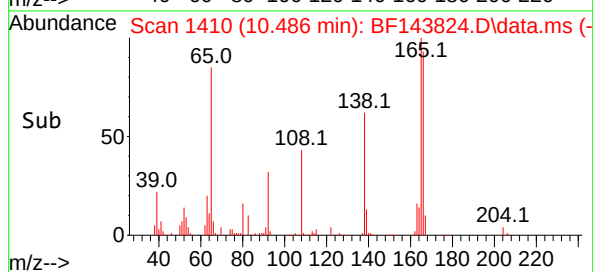
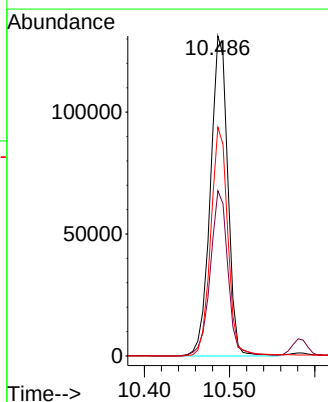
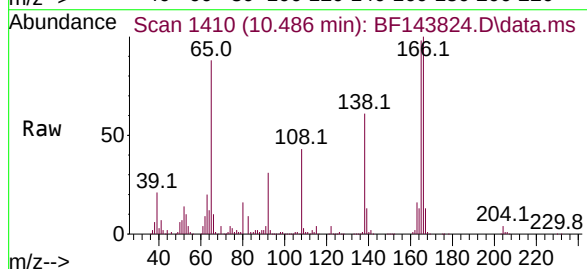
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

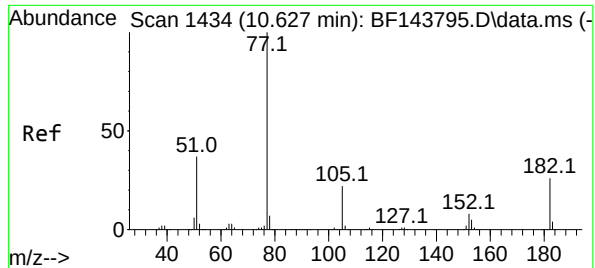
Tgt Ion:204 Resp: 391430
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 55.2 48.2 72.2



#62
4-Nitroaniline
Concen: 57.043 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:138 Resp: 185809
Ion Ratio Lower Upper
138 100
92 51.6 31.5 71.5
108 71.5 51.9 91.9

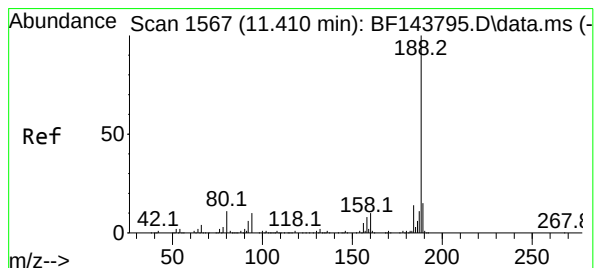
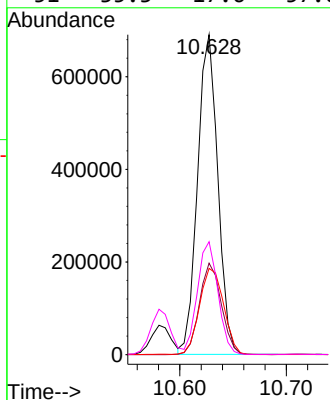
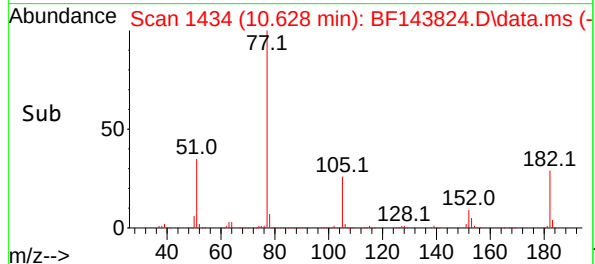
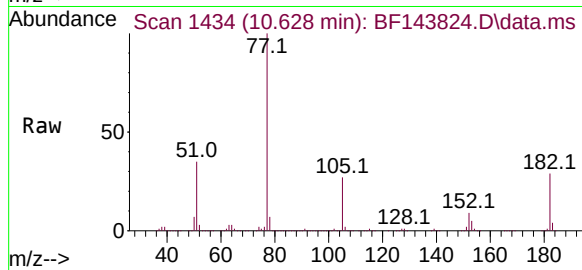




#63
Azobenzene
Concen: 52.998 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

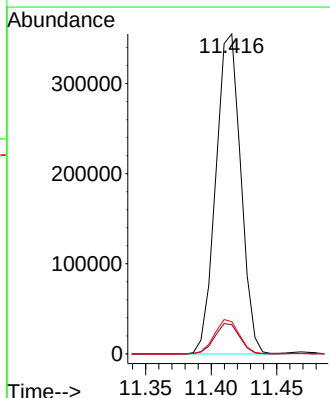
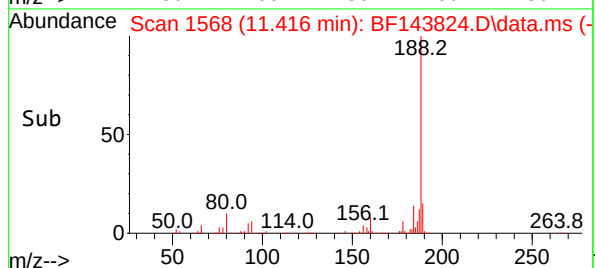
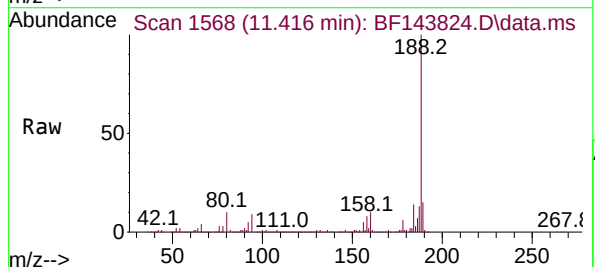
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

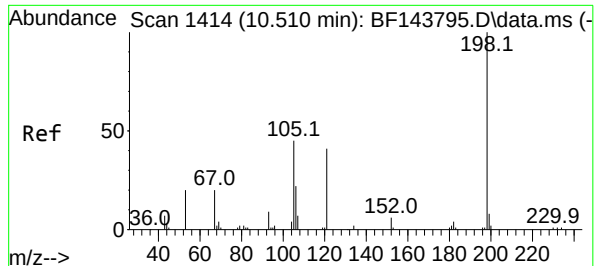
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	5.9	45.9
105	26.9	2.3	42.3
51	35.3	17.6	57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.1	8.6	12.8

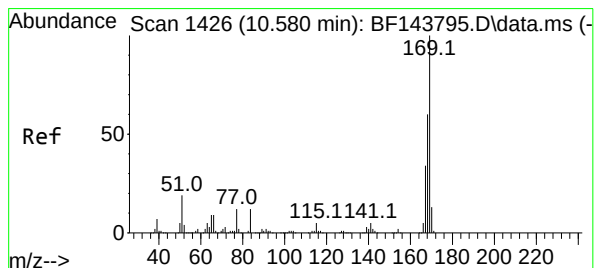
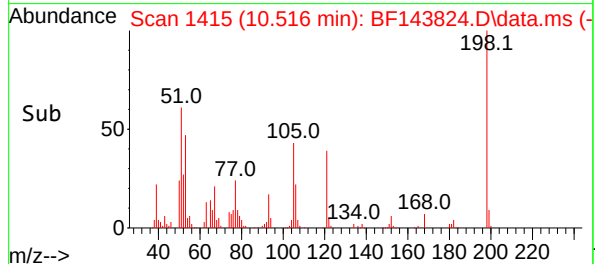
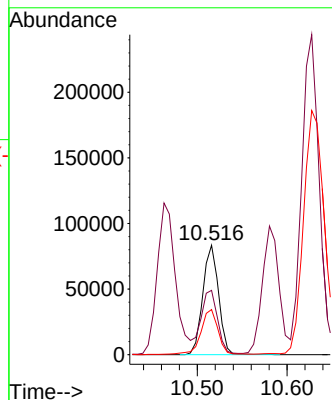
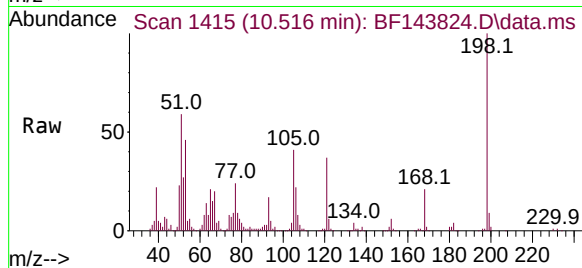




#65
4,6-Dinitro-2-methylphenol
Concen: 55.949 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

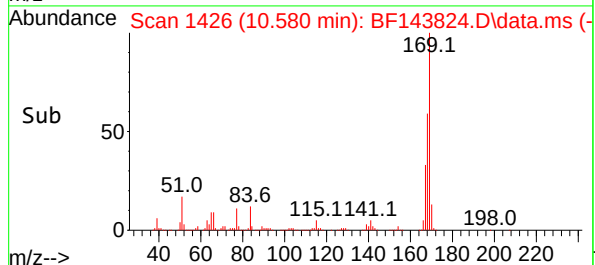
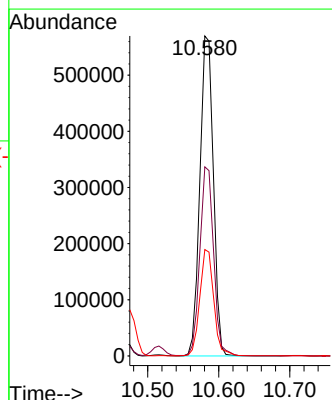
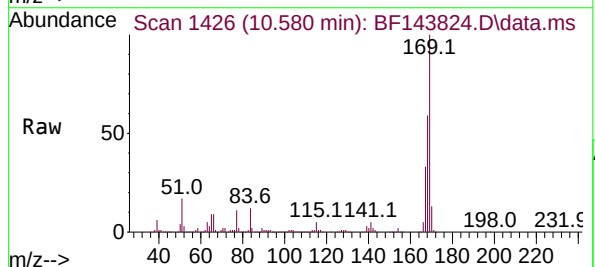
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

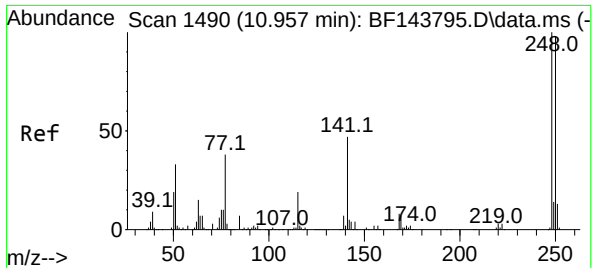
Tgt Ion:198 Resp: 101314
Ion Ratio Lower Upper
198 100
51 58.7 52.0 92.0
105 41.2 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 48.255 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:169 Resp: 748725
Ion Ratio Lower Upper
169 100
168 59.1 47.9 71.9
167 33.2 27.0 40.6

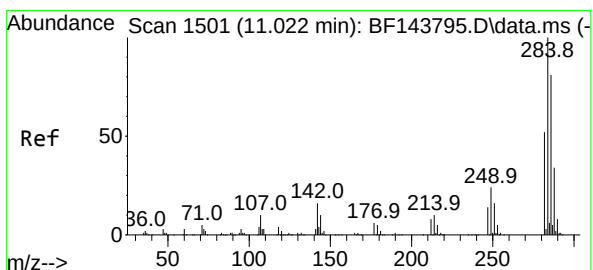
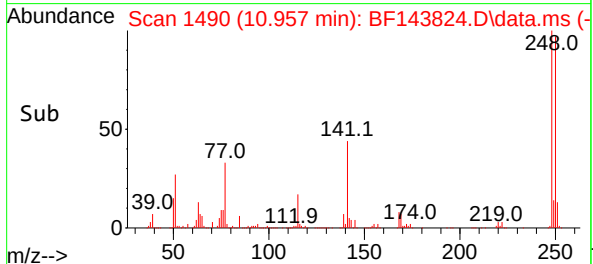
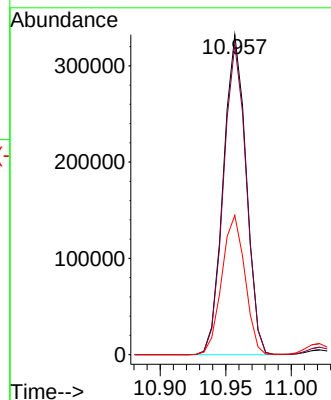
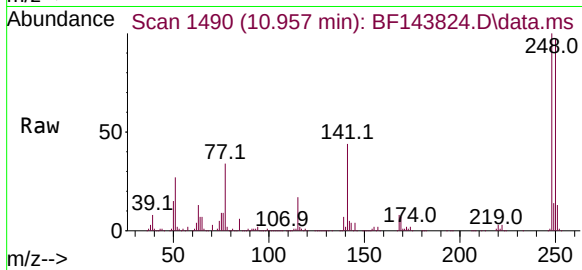




#67
4-Bromophenyl-phenylether
Concen: 49.972 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

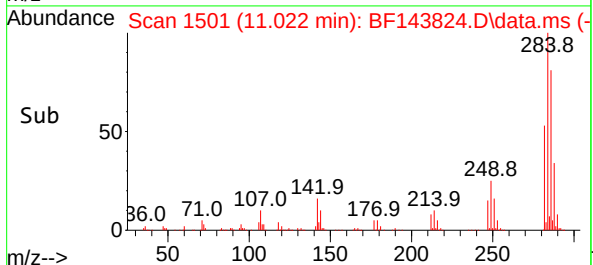
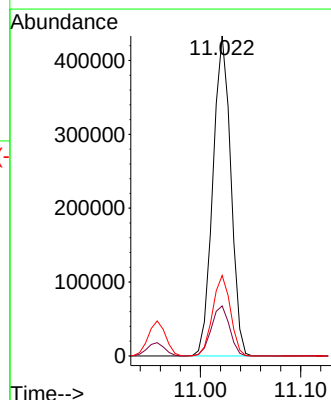
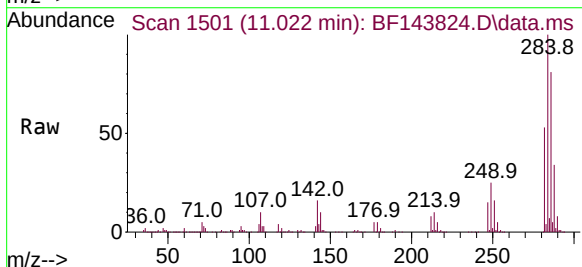
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

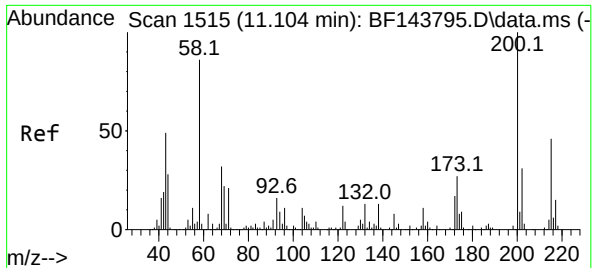
Tgt Ion:248 Resp: 401792
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 43.6 37.9 56.9



#68
Hexachlorobenzene
Concen: 48.596 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:284 Resp: 538466
Ion Ratio Lower Upper
284 100
142 15.6 13.1 19.7
249 25.1 19.5 29.3





#69

Atrazine

Concen: 51.159 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

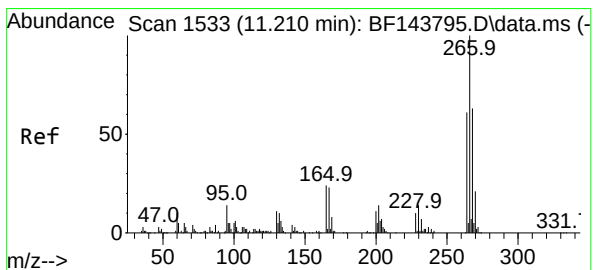
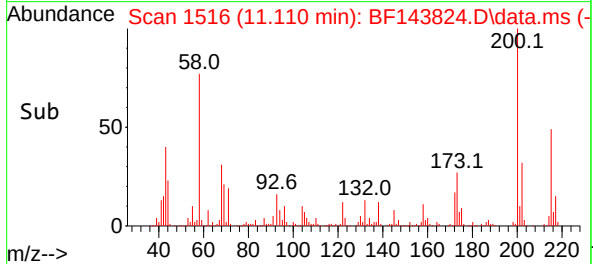
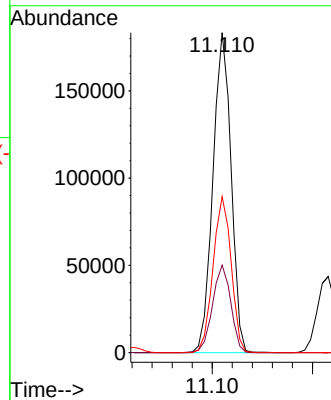
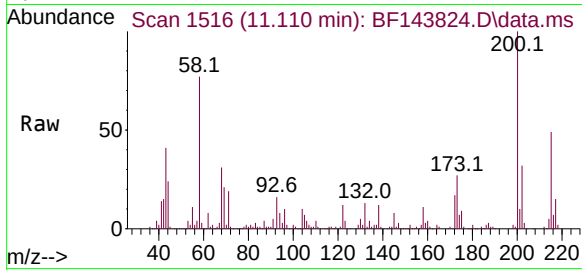
Tgt Ion:200 Resp: 229865

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

215 48.7 26.0 66.0



#70

Pentachlorophenol

Concen: 102.008 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

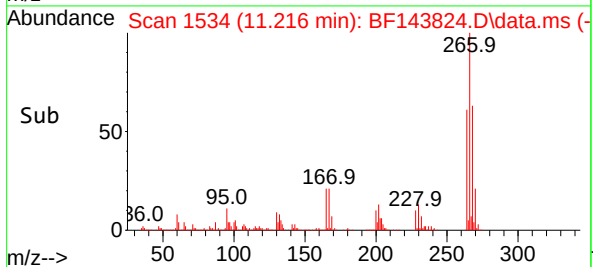
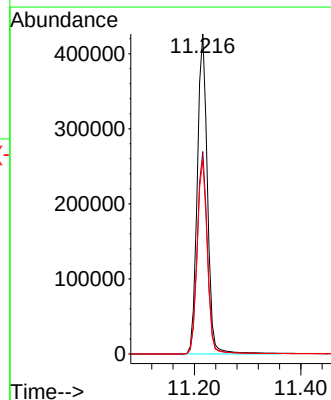
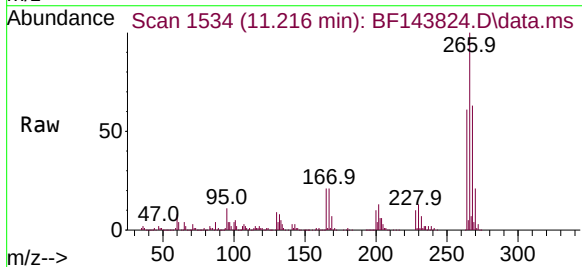
Tgt Ion:266 Resp: 562628

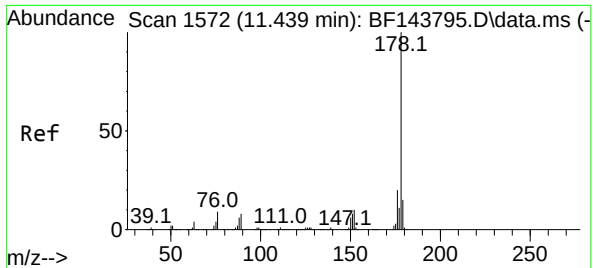
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 60.6 48.8 73.2

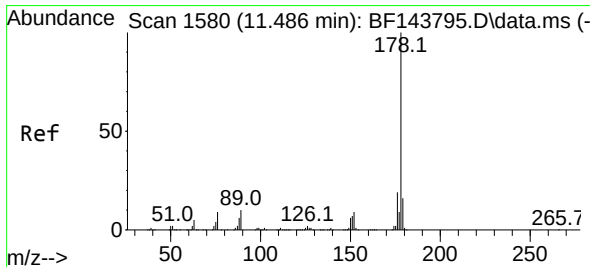
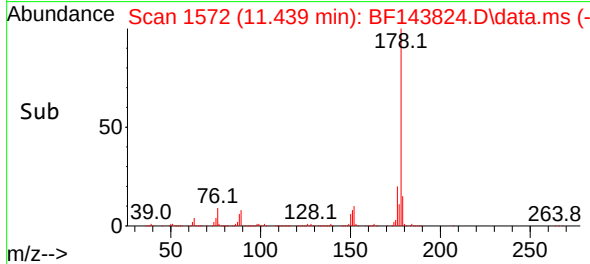
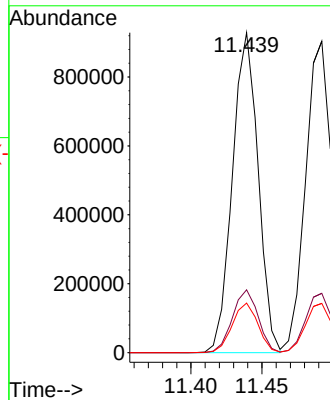
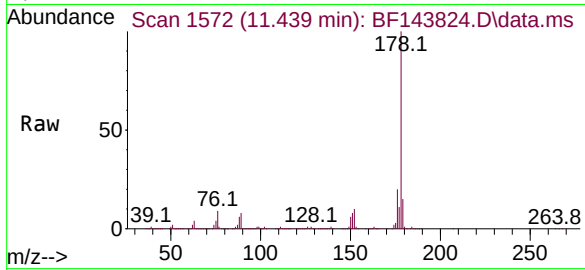




#71
Phenanthrene
Concen: 48.250 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

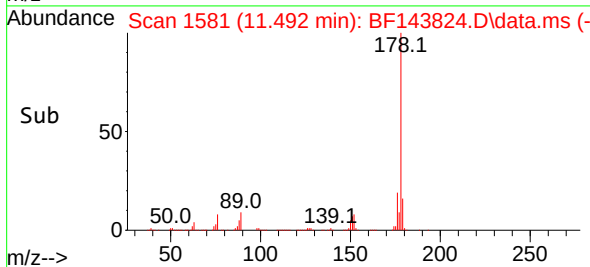
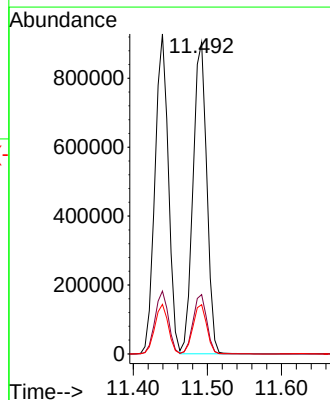
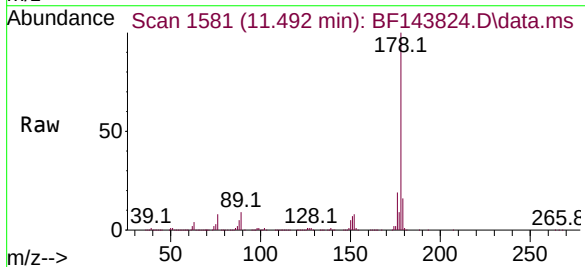
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

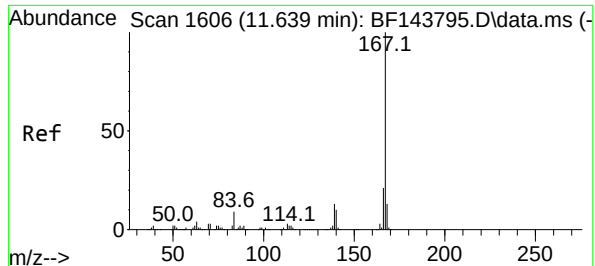
Tgt Ion:178 Resp: 1168717
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.5 12.2 18.4



#72
Anthracene
Concen: 47.837 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:178 Resp: 1162293
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.8 19.2





#73

Carbazole

Concen: 47.102 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

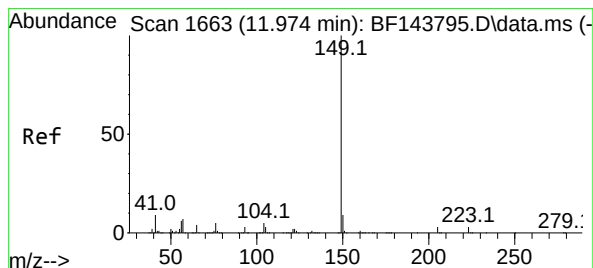
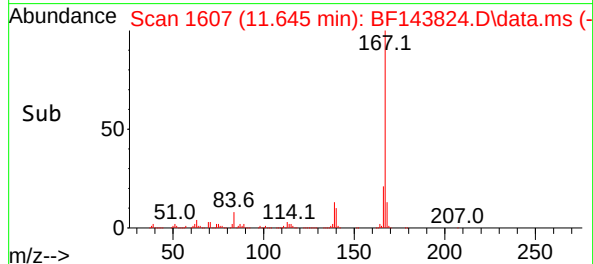
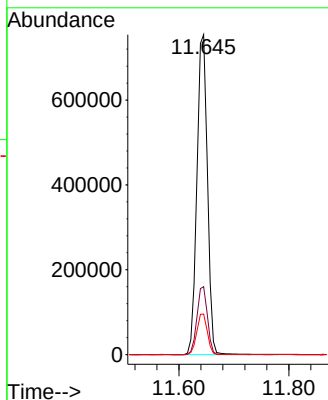
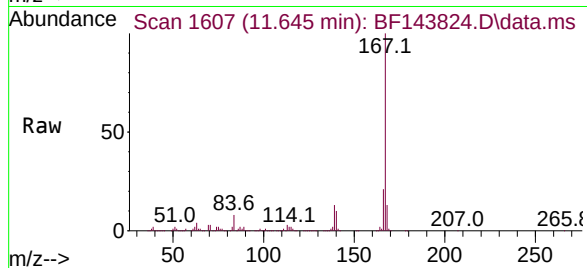
Tgt Ion:167 Resp: 1000599

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.7 10.6 15.8



#74

Di-n-butylphthalate

Concen: 48.107 ng

RT: 11.974 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

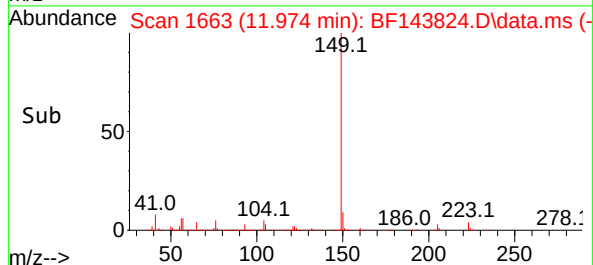
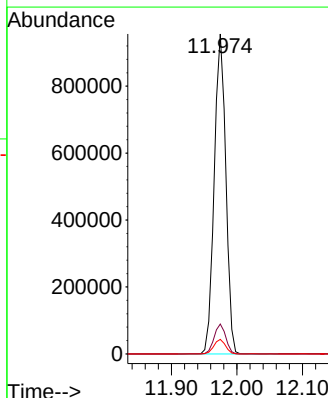
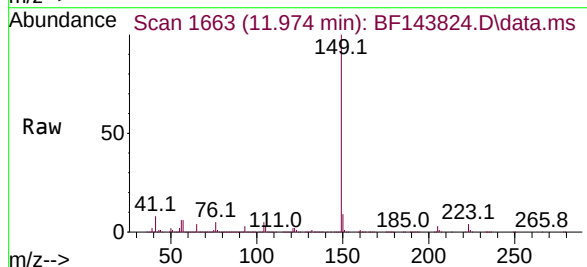
Tgt Ion:149 Resp: 1175336

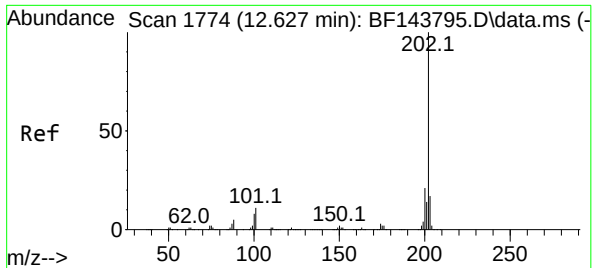
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.5 3.6 5.4

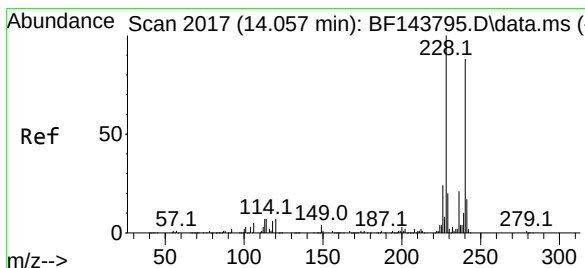
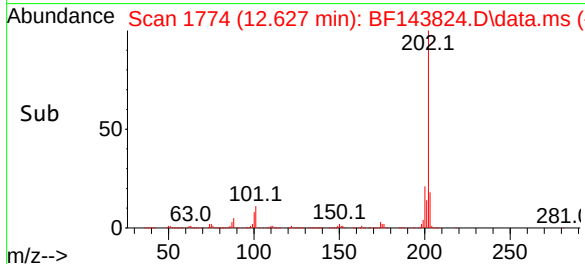
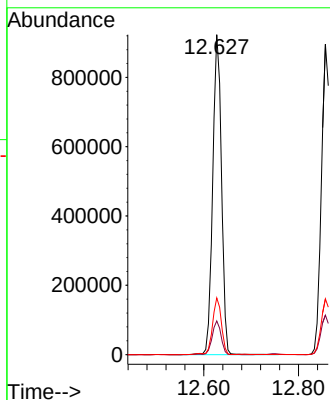
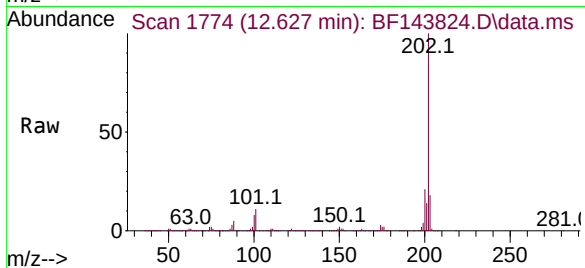




#75
Fluoranthene
Concen: 48.655 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

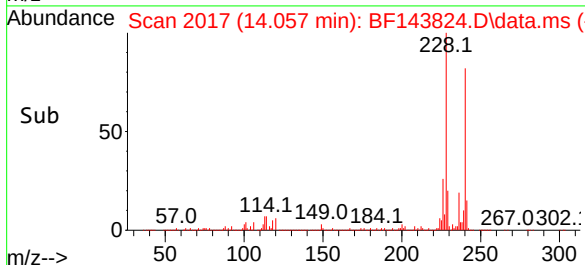
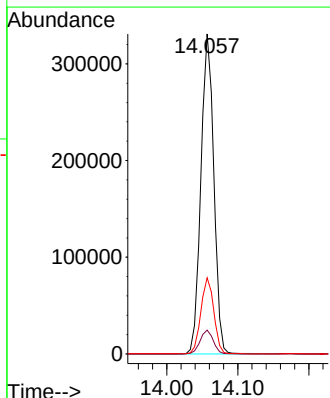
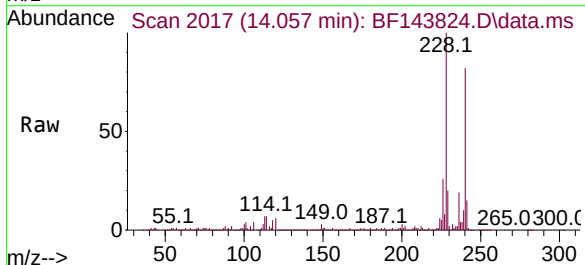
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

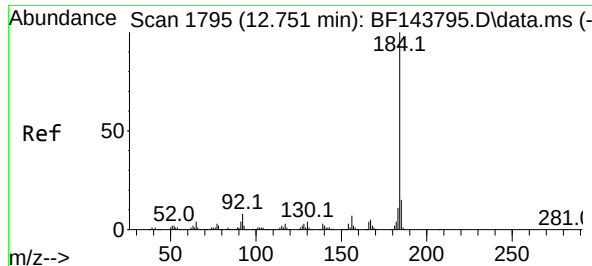
Tgt Ion:202 Resp: 1185341
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:240 Resp: 415535
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 23.8 19.4 29.2

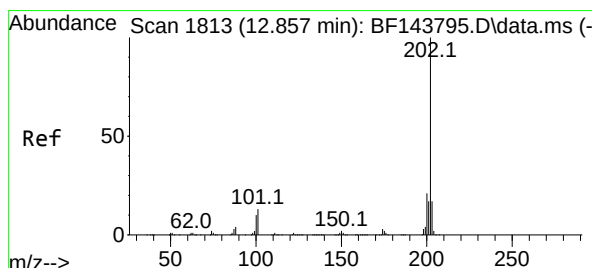
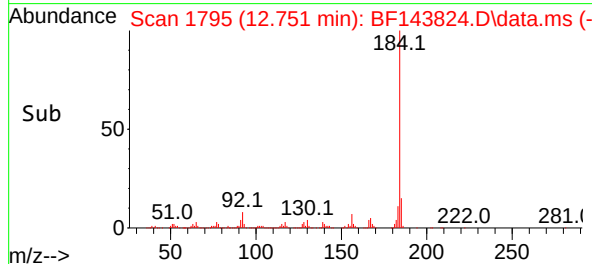
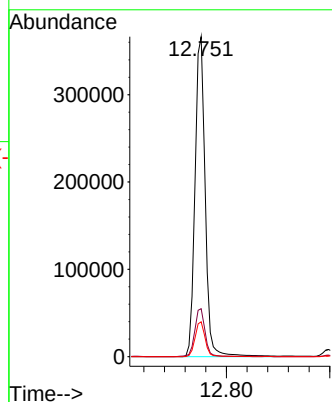
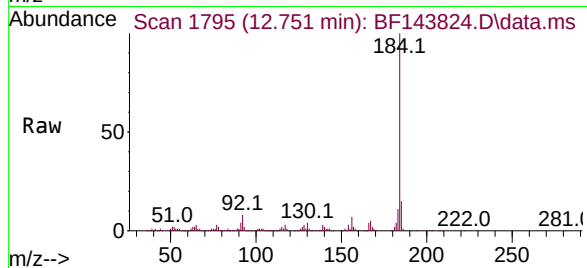




#77
Benzidine
Concen: 49.386 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

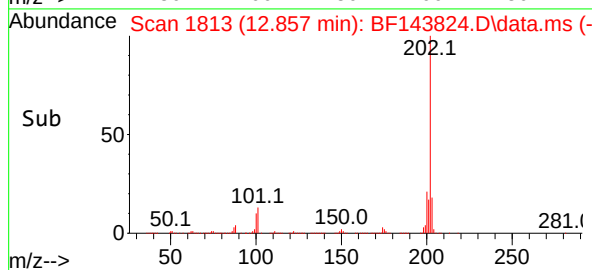
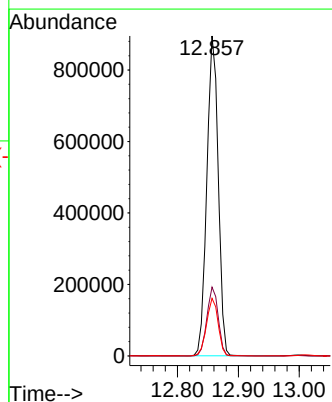
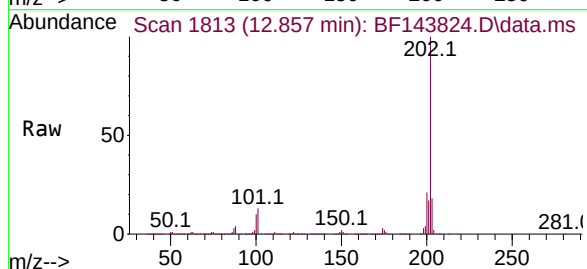
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

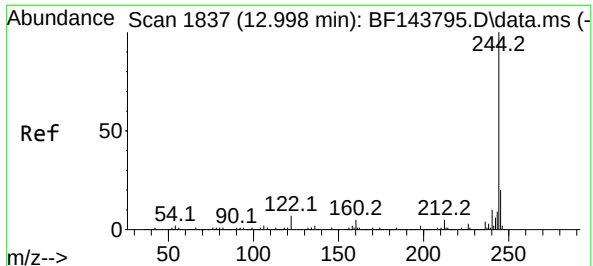
Tgt Ion:184 Resp: 500065
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 10.9 8.6 13.0



#78
Pyrene
Concen: 56.794 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:202 Resp: 1160268
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.0 13.9 20.9





#79

Terphenyl-d14

Concen: 57.997 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143824.D

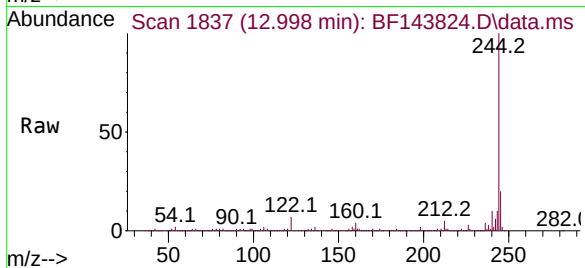
Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS



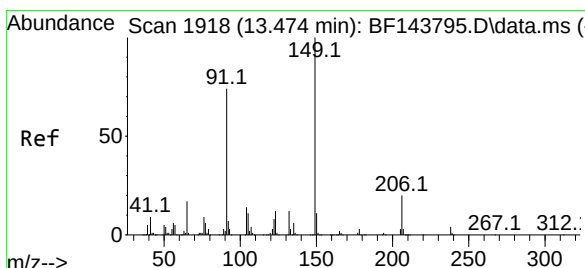
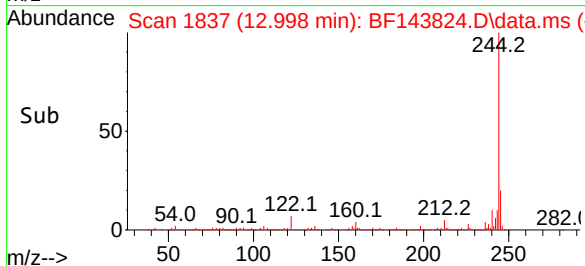
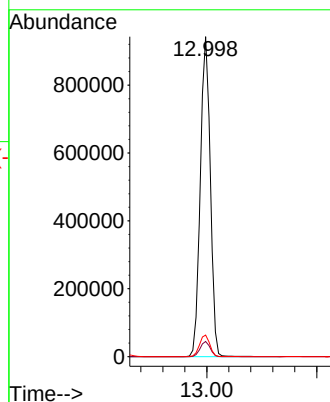
Tgt Ion:244 Resp: 1184986

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

122 6.7 5.6 8.4



#80

Butylbenzylphthalate

Concen: 55.154 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

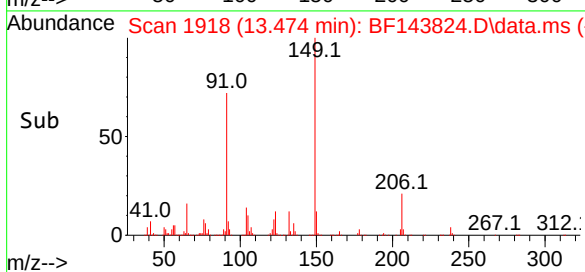
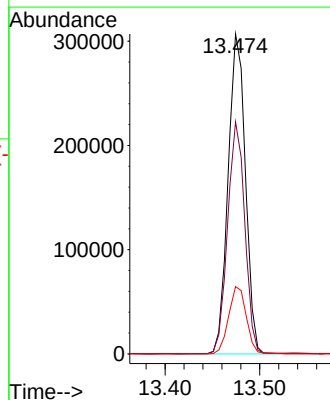
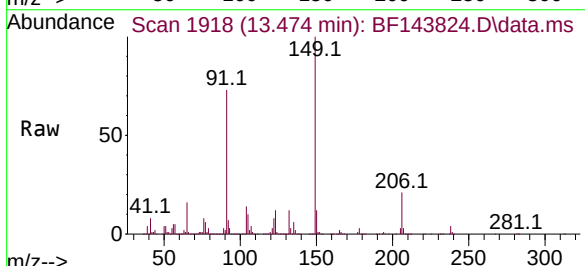
Tgt Ion:149 Resp: 389829

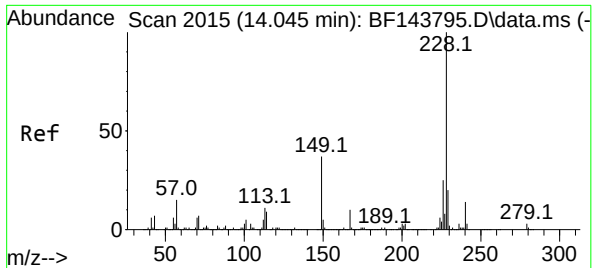
Ion Ratio Lower Upper

149 100

91 72.5 59.5 89.3

206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.611 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

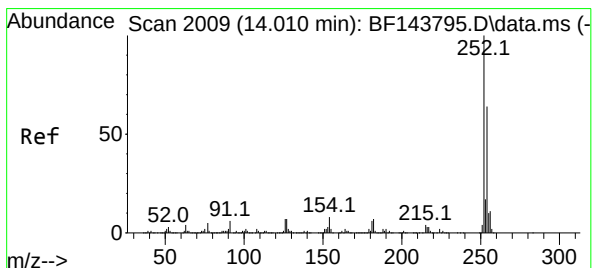
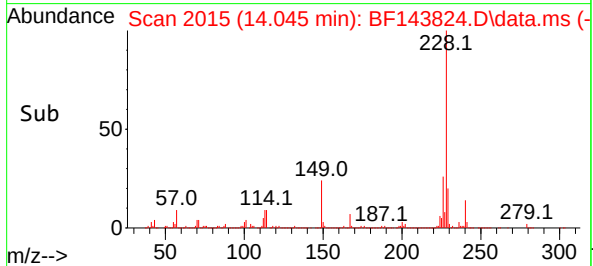
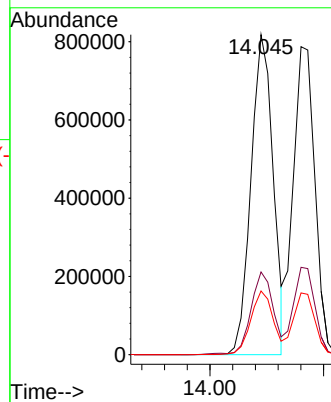
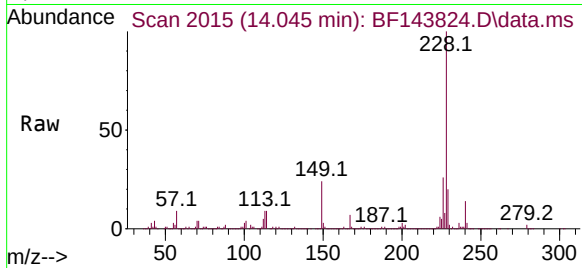
Tgt Ion:228 Resp: 1107485

Ion Ratio Lower Upper

228 100

226 25.8 20.2 30.2

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 37.244 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

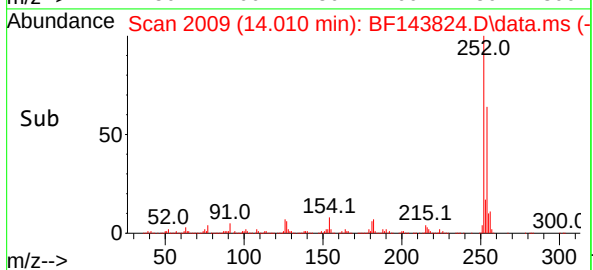
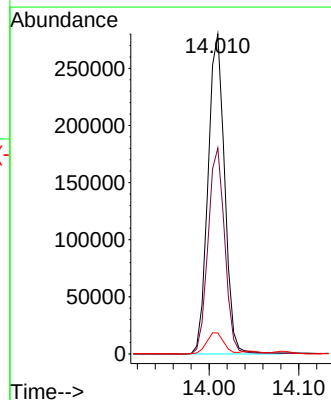
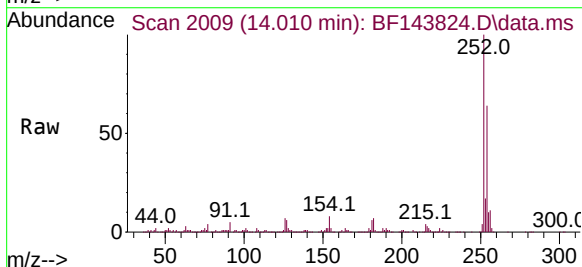
Tgt Ion:252 Resp: 360182

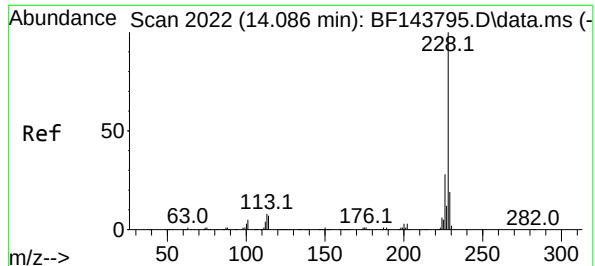
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

126 6.5 5.4 8.2





#83

Chrysene

Concen: 51.393 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

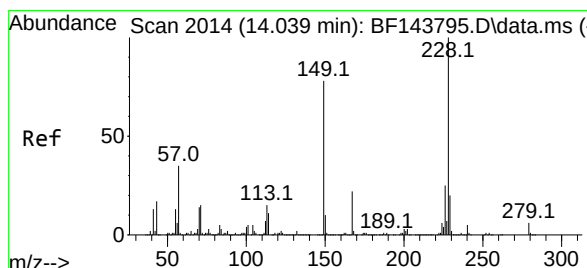
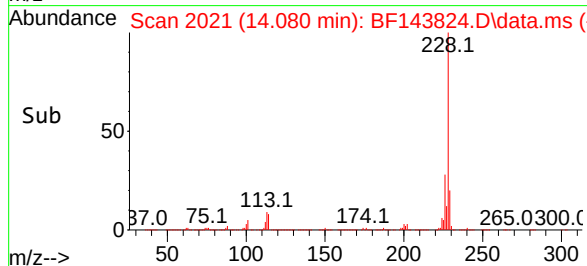
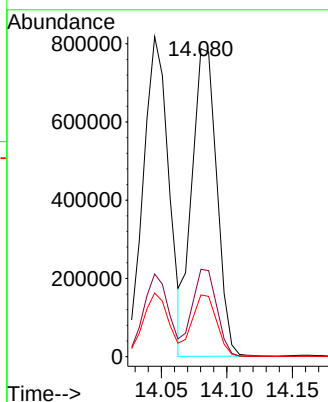
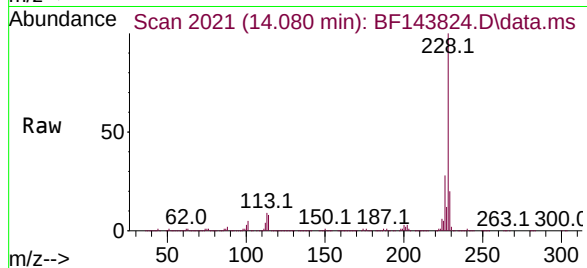
Tgt Ion:228 Resp: 1038108

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.802 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

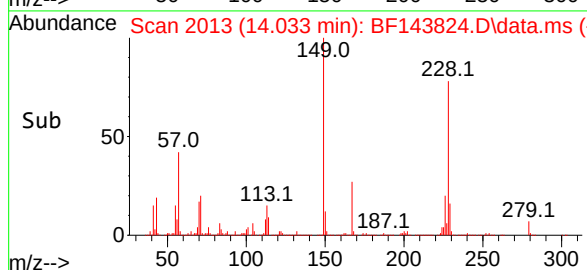
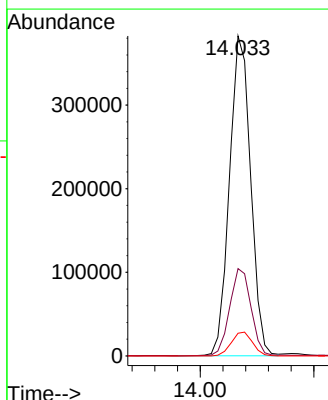
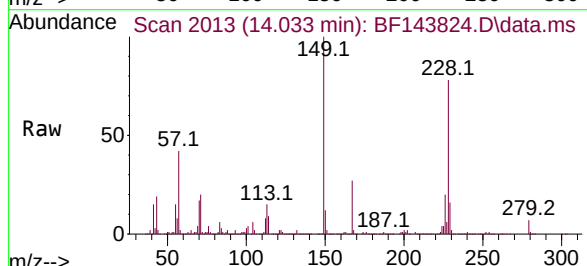
Tgt Ion:149 Resp: 495231

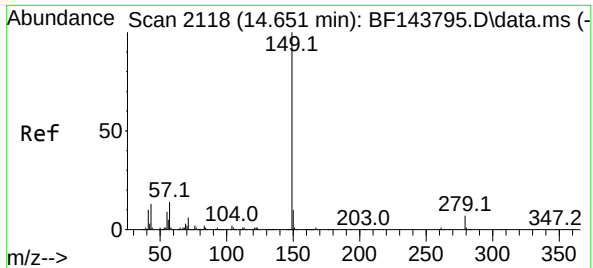
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

279 7.1 6.0 9.0

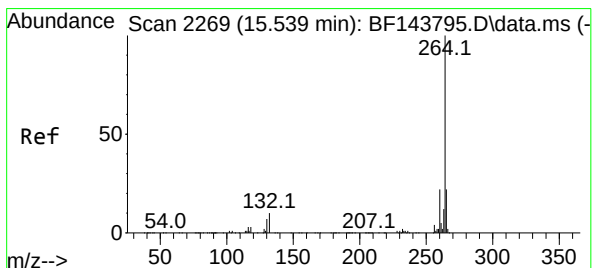
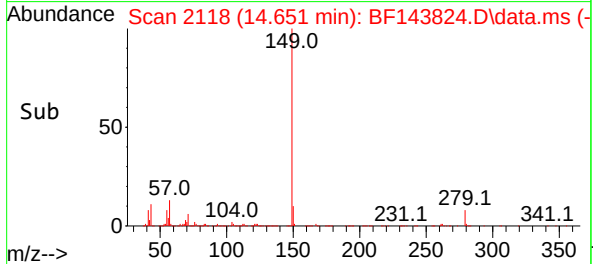
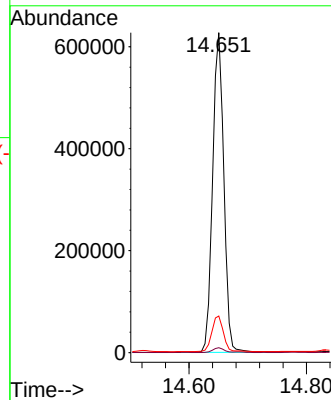
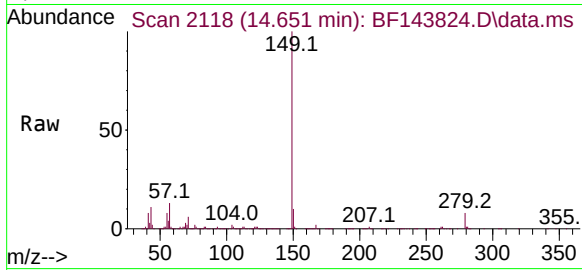




#85
Di-n-octyl phthalate
Concen: 44.234 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

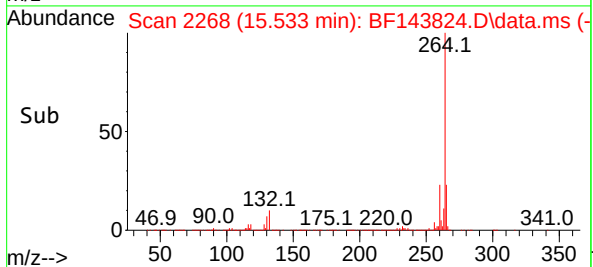
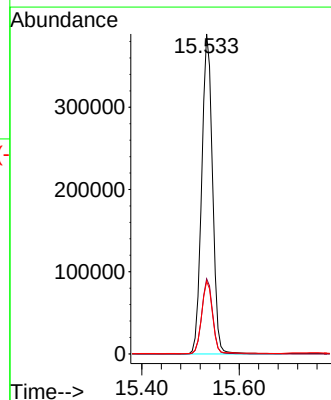
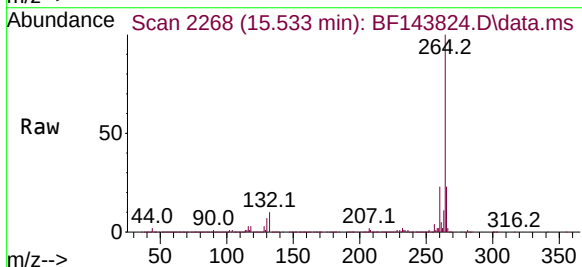
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

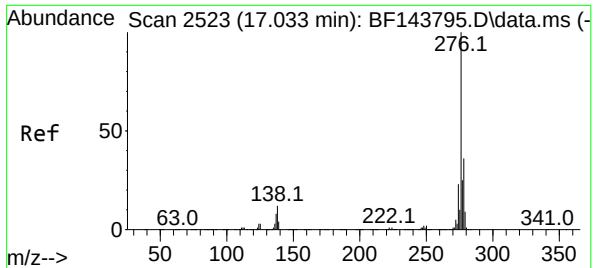
Tgt Ion:149 Resp: 831268
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.5 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:264 Resp: 597788
Ion Ratio Lower Upper
264 100
260 23.5 17.9 26.9
265 22.7 17.7 26.5

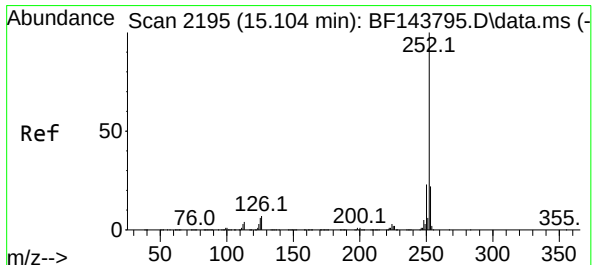
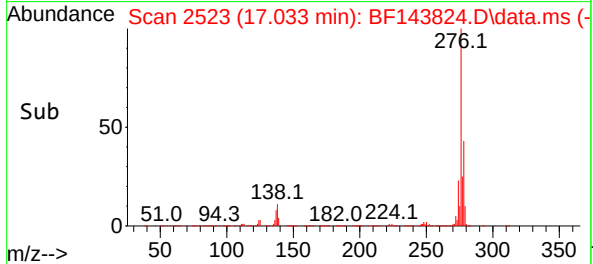
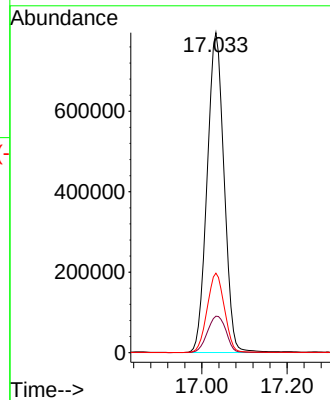
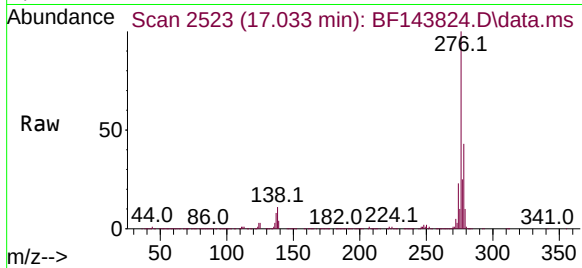




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.330 ng
RT: 17.033 min Scan# 2192081
Delta R.T. -0.012 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

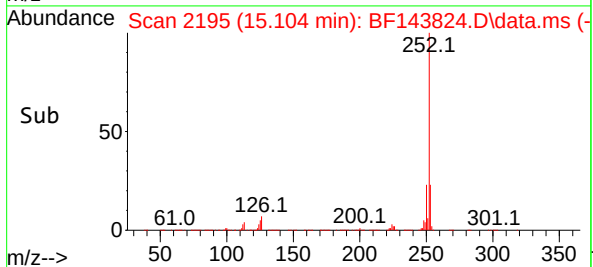
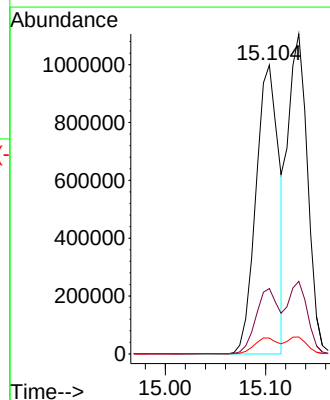
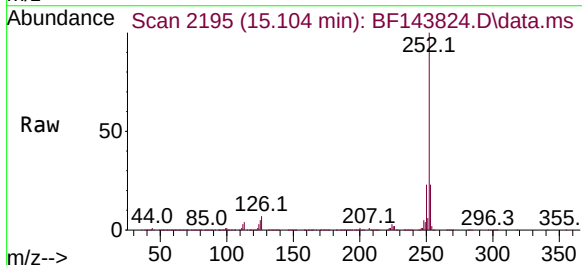
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

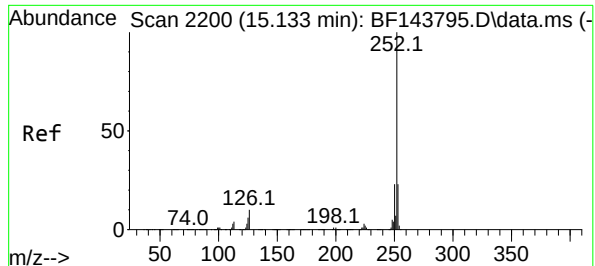
Tgt Ion:276 Resp: 2192081
Ion Ratio Lower Upper
276 100
138 12.7 10.6 15.8
277 25.4 20.7 31.1



#88
Benzo(b)fluoranthene
Concen: 52.129 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:252 Resp: 1586935
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 48.748 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MS

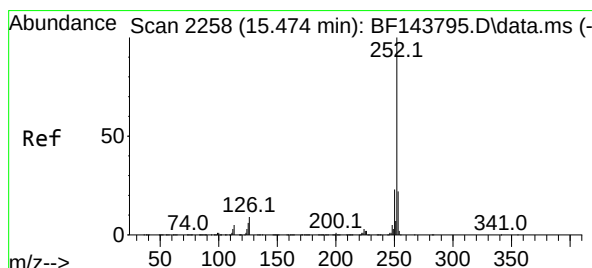
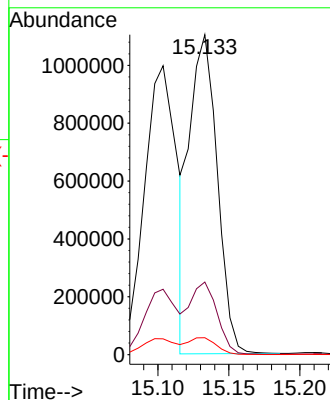
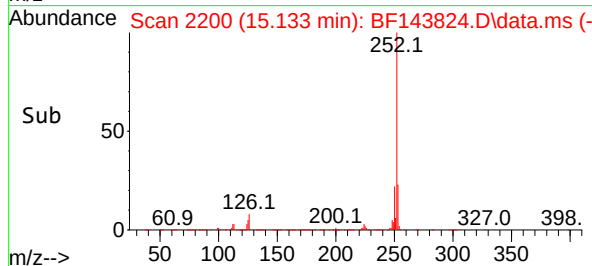
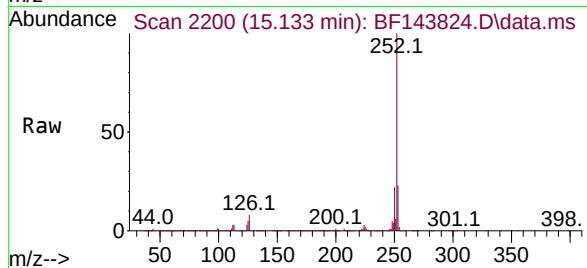
Tgt Ion:252 Resp: 1490929

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 5.3 4.6 6.8



#90

Benzo(a)pyrene

Concen: 53.003 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143824.D

Acq: 29 Sep 2025 16:14

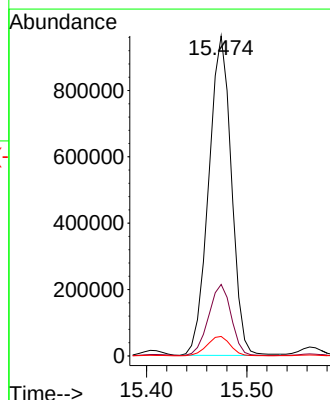
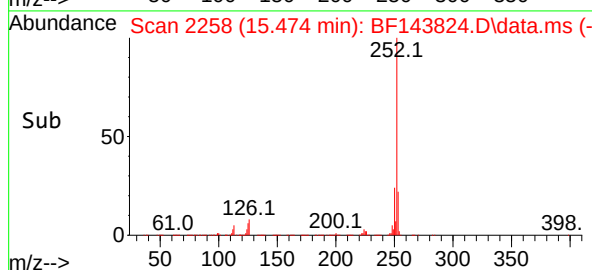
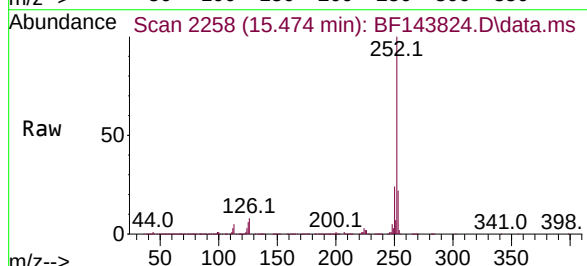
Tgt Ion:252 Resp: 1516684

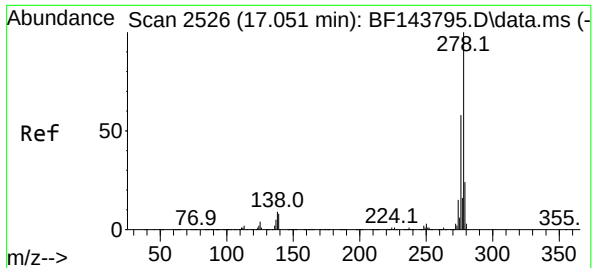
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 6.1 5.0 7.4

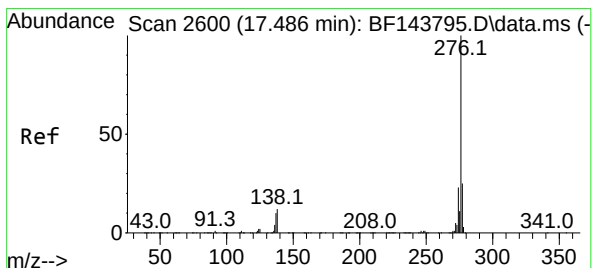
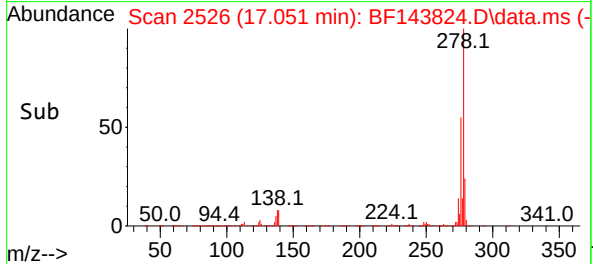
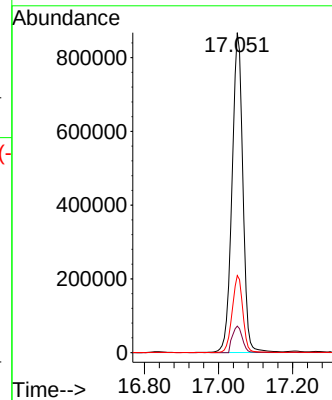
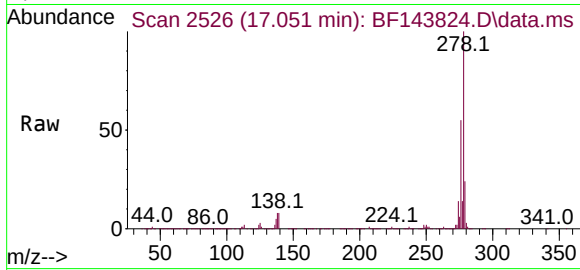




#91
Dibenzo(a,h)anthracene
Concen: 47.554 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

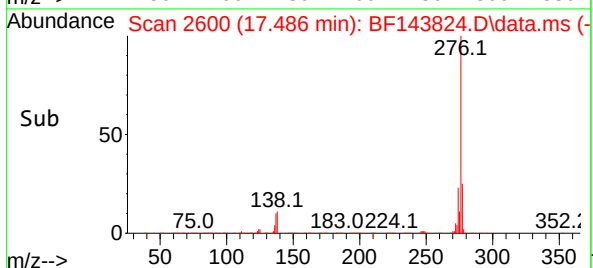
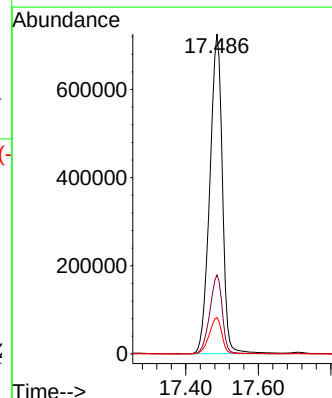
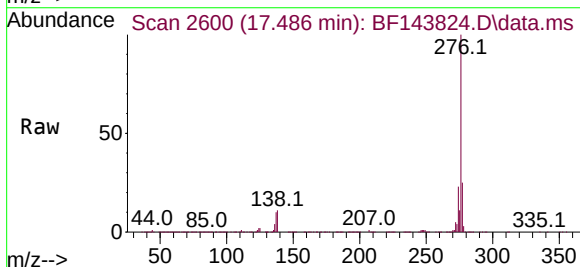
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MS

Tgt Ion:278 Resp: 1764140
Ion Ratio Lower Upper
278 100
139 8.3 6.7 10.1
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 48.783 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143824.D
Acq: 29 Sep 2025 16:14

Tgt Ion:276 Resp: 1744527
Ion Ratio Lower Upper
276 100
277 24.7 19.6 29.4
138 11.4 9.2 13.8



Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/26/25
Project:	507 Franklin Ave Nutley	Date Received:	09/26/25
Client Sample ID:	WALL-PROBE-BRICK-1MSD	SDG No.:	Q3215
Lab Sample ID:	Q3230-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143825.D	1	09/29/25 09:15	09/29/25 16:44	PB169890

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1100		16.3	120	ug/Kg
208-96-8	Acenaphthylene	1300		20.8	120	ug/Kg
83-32-9	Acenaphthene	1200		15.3	120	ug/Kg
86-73-7	Fluorene	1200		18.2	120	ug/Kg
85-01-8	Phenanthrene	1200		15.0	120	ug/Kg
120-12-7	Anthracene	1200		23.9	120	ug/Kg
206-44-0	Fluoranthene	1200		21.5	120	ug/Kg
129-00-0	Pyrene	1400		25.9	120	ug/Kg
56-55-3	Benzo(a)anthracene	1200		16.5	120	ug/Kg
218-01-9	Chrysene	1300		14.3	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		13.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		16.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		21.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		20.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		19.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		18.5	120	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	57.8		18 - 107	58%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.7		20 - 109	52%	SPK: 100
1718-51-0	Terphenyl-d14	62.6		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	130000	6.887			
1146-65-2	Naphthalene-d8	507000	8.169			
15067-26-2	Acenaphthene-d10	273000	9.928			
1517-22-2	Phenanthrene-d10	450000	11.416			
1719-03-5	Chrysene-d12	393000	14.057			
1520-96-3	Perylene-d12	561000	15.533			

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	09/26/25
Project:	507 Franklin Ave Nutley	Date Received:	09/26/25
Client Sample ID:	WALL-PROBE-BRICK-1MSD	SDG No.:	Q3215
Lab Sample ID:	Q3230-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.4
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-PAH
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
BF143825.D	1	09/29/25 09:15	09/29/25 16:44	PB169890

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\BF092925\
 Data File : BF143825.D
 Acq On : 29 Sep 2025 16:44
 Operator : RC/JU
 Sample : Q3230-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1MSD

Quant Time: Sep 29 17:05:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	130106	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	506656	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	272537	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	450489	20.000	ng	0.00
76) Chrysene-d12	14.057	240	392846	20.000	ng	0.00
86) Perylene-d12	15.533	264	560812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	147916	18.471	ng	0.00
7) Phenol-d6	6.504	99	700358	75.692	ng	0.00
23) Nitrobenzene-d5	7.445	82	478360	57.793	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	44601	11.053	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	903541	51.735	ng	0.00
79) Terphenyl-d14	12.998	244	1209493	62.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	151467	39.517	ng	96
3) Pyridine	3.428	79	426499	41.222	ng	93
4) n-Nitrosodimethylamine	3.375	42	238209	45.916	ng	86
6) Aniline	6.545	93	588504	43.823	ng	99
8) 2-Chlorophenol	6.669	128	407796	49.743	ng	100
9) Benzaldehyde	6.434	77	247325	30.524	ng	99
10) Phenol	6.522	94	570910	53.084	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	408280	48.429	ng	99
12) 1,3-Dichlorobenzene	6.828	146	447998	47.066	ng	99
13) 1,4-Dichlorobenzene	6.904	146	456155	48.021	ng	100
14) 1,2-Dichlorobenzene	7.057	146	436761	48.547	ng	99
15) Benzyl Alcohol	7.022	79	376475	56.311	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	859348	42.987	ng	96
17) 2-Methylphenol	7.134	107	329705	51.947	ng	99
18) Hexachloroethane	7.398	117	155087	46.425	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	290523	48.827	ng	95
20) 3+4-Methylphenols	7.281	107	393494	50.910	ng	97
22) Acetophenone	7.292	105	572687	51.463	ng	97
24) Nitrobenzene	7.463	77	449544	48.999	ng	98
25) Isophorone	7.704	82	810355	50.241	ng	99
26) 2-Nitrophenol	7.781	139	205069	54.080	ng	96
27) 2,4-Dimethylphenol	7.816	122	389731	54.060	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	491252	46.879	ng	99
29) 2,4-Dichlorophenol	8.022	162	353518	49.836	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	361566	49.115	ng	99
31) Naphthalene	8.192	128	1125484	46.403	ng	100
32) Benzoic acid	7.916	122	265016	76.191	ng	95
33) 4-Chloroaniline	8.234	127	336584	39.489	ng	99
34) Hexachlorobutadiene	8.310	225	252441	46.000	ng	98
35) Caprolactam	8.604	113	118210	65.196	ng	# 85
36) 4-Chloro-3-methylphenol	8.710	107	358214	53.843	ng	98
37) 2-Methylnaphthalene	8.881	142	688975	44.549	ng	99
38) 1-Methylnaphthalene	8.981	142	707537	47.796	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	411531	50.036	ng	99
41) Hexachlorocyclopentadiene	9.034	237	600939	115.287	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	270022	52.431	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092925\
 Data File : BF143825.D
 Acq On : 29 Sep 2025 16:44
 Operator : RC/JU
 Sample : Q3230-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-PROBE-BRICK-1MSD

Quant Time: Sep 29 17:05:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	275653	51.172	ng	99
46) 1,1'-Biphenyl	9.345	154	992413	50.304	ng	100
47) 2-Chloronaphthalene	9.369	162	728457	45.872	ng	99
48) 2-Nitroaniline	9.463	65	290447	60.515	ng	98
49) Acenaphthylene	9.786	152	1185730	54.238	ng	99
50) Dimethylphthalate	9.645	163	851089	51.236	ng	100
51) 2,6-Dinitrotoluene	9.704	165	180480	66.129	ng	99
52) Acenaphthene	9.957	154	722321	50.209	ng	99
53) 3-Nitroaniline	9.875	138	155024	46.861	ng	97
54) 2,4-Dinitrophenol	9.980	184	135553	100.192	ng	# 20
55) Dibenzofuran	10.133	168	994418	48.882	ng	99
56) 4-Nitrophenol	10.028	139	292618	109.767	ng	95
57) 2,4-Dinitrotoluene	10.110	165	238709	58.262	ng	97
58) Fluorene	10.475	166	760943	50.315	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	276540	59.925	ng	98
60) Diethylphthalate	10.345	149	817921	52.601	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	385579	50.036	ng	96
62) 4-Nitroaniline	10.486	138	186960	60.106	ng	98
63) Azobenzene	10.628	77	885020	54.005	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	102433	58.424	ng	85
66) n-Nitrosodiphenylamine	10.586	169	732480	49.441	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	393589	51.268	ng	98
68) Hexachlorobenzene	11.022	284	538402	50.890	ng	99
69) Atrazine	11.110	200	232920	54.291	ng	97
70) Pentachlorophenol	11.216	266	562958	106.897	ng	99
71) Phenanthrene	11.439	178	1178387	50.951	ng	100
72) Anthracene	11.492	178	1169171	50.397	ng	99
73) Carbazole	11.645	167	999286	49.266	ng	99
74) Di-n-butylphthalate	11.975	149	1180532	50.606	ng	99
75) Fluoranthene	12.627	202	1174934	50.510	ng	99
77) Benzidine	12.745	184	499719	52.202	ng	100
78) Pyrene	12.857	202	1161743	60.150	ng	100
80) Butylbenzylphthalate	13.474	149	382648	57.265	ng	99
81) Benzo(a)anthracene	14.045	228	1083717	51.350	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	360730	39.455	ng	99
83) Chrysene	14.080	228	1019454	53.384	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	478905	48.895	ng	99
85) Di-n-octyl phthalate	14.651	149	781615	43.994	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	2084542	48.989	ng	99
88) Benzo(b)fluoranthene	15.104	252	1546844	54.163	ng	100
89) Benzo(k)fluoranthene	15.133	252	1414086	49.284	ng	100
90) Benzo(a)pyrene	15.474	252	1456549	54.257	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1688279	48.510	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1671185	49.813	ng	99

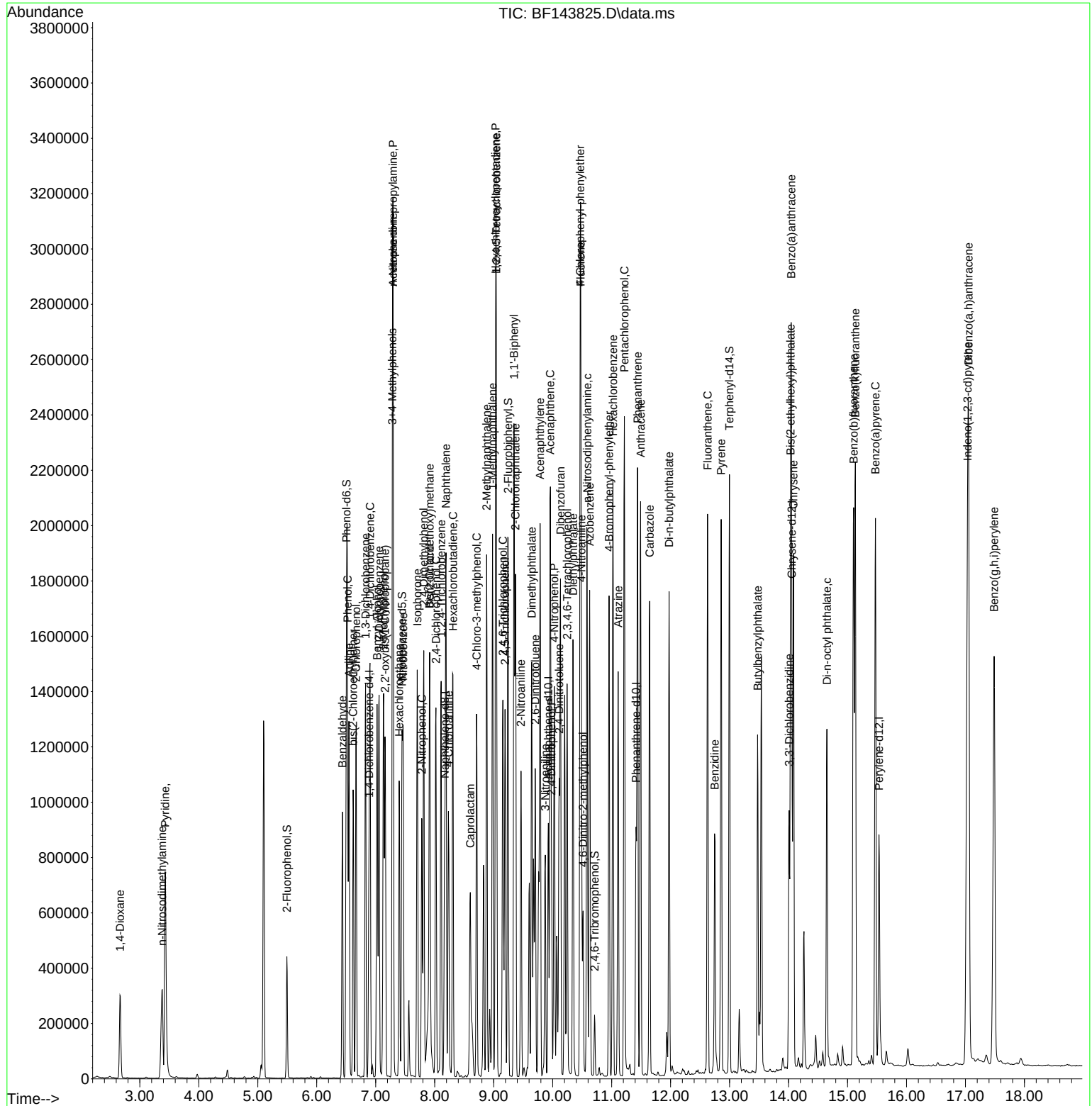
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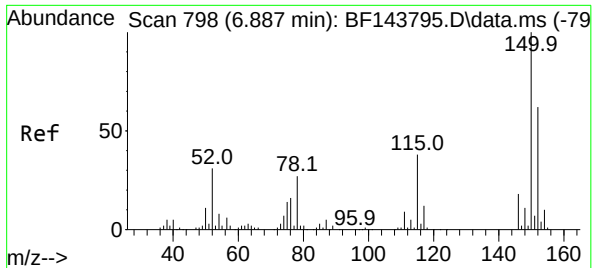
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Data File : BF143825.D  
Acq On    : 29 Sep 2025  16:44  
Operator  : RC/JU  
Sample    : Q3230-01MSD  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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Instrument :
BNA_F

ClientSampleId :
WALL-PROBE-BRICK-1MSD

Quant Time: Sep 29 17:05:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

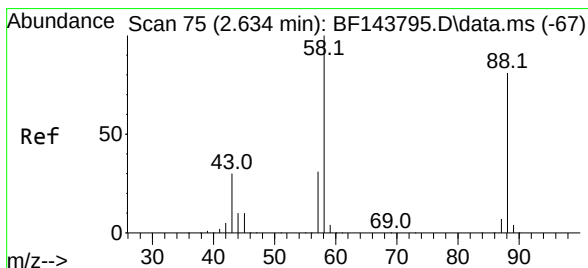
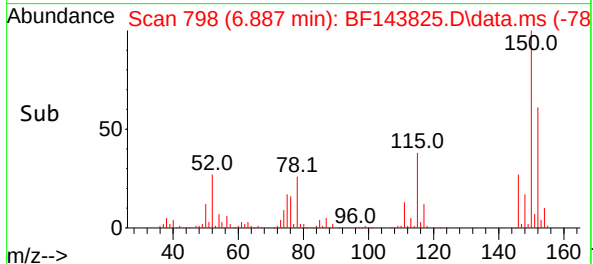
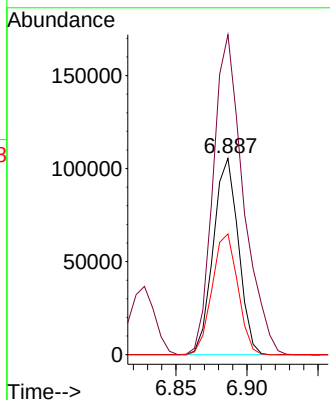
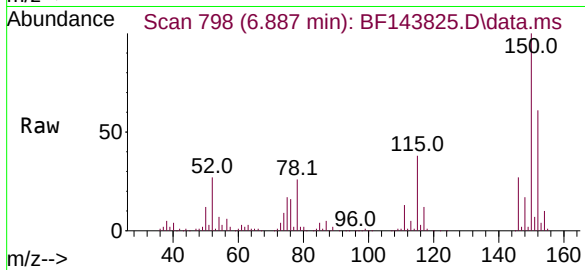




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

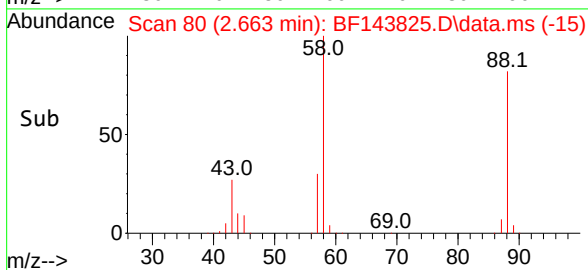
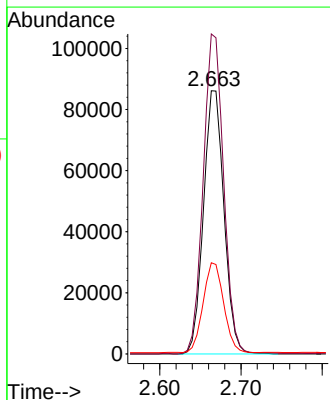
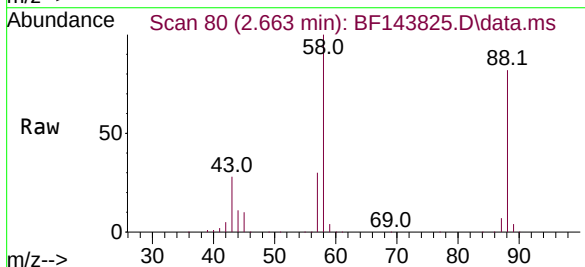
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

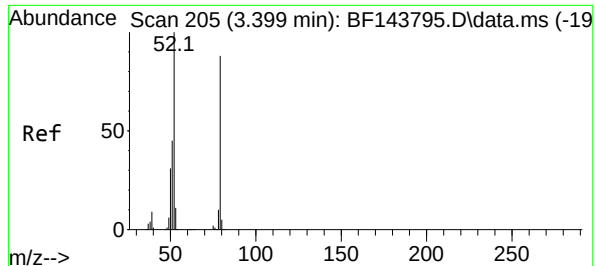
Tgt Ion:152 Resp: 130106
Ion Ratio Lower Upper
152 100
150 163.0 129.6 194.4
115 61.5 49.0 73.4



#2
1,4-Dioxane
Concen: 39.517 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.029 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 88 Resp: 151467
Ion Ratio Lower Upper
88 100
58 121.3 99.4 149.2
43 34.3 30.6 45.8





#3

Pyridine

Concen: 41.222 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

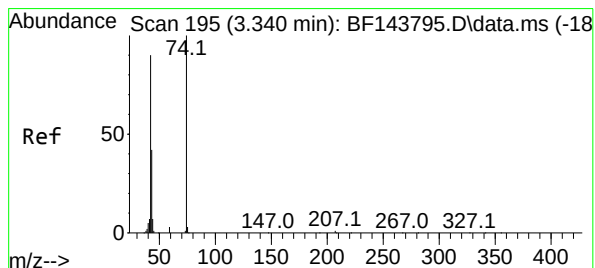
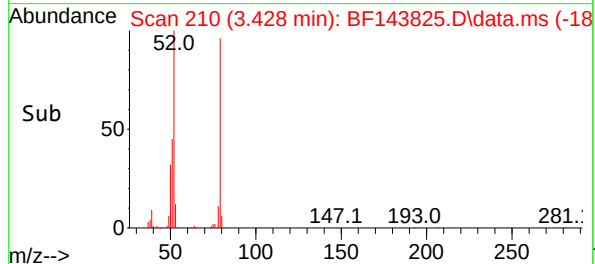
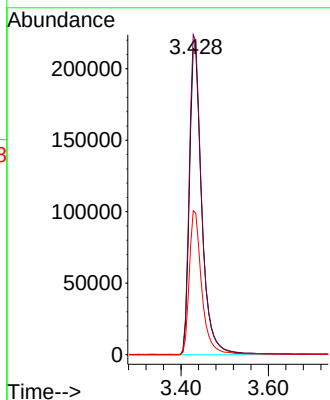
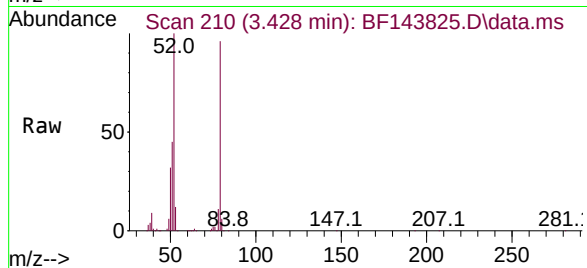
Tgt Ion: 79 Resp: 426499

Ion Ratio Lower Upper

79 100

52 104.5 90.5 135.7

51 47.0 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 45.916 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.018 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

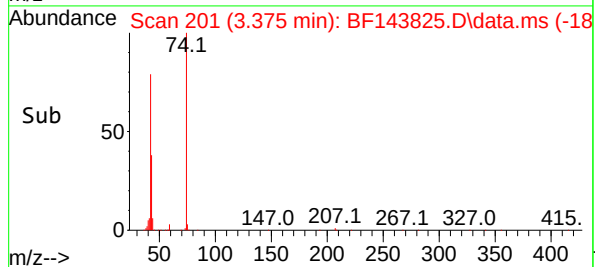
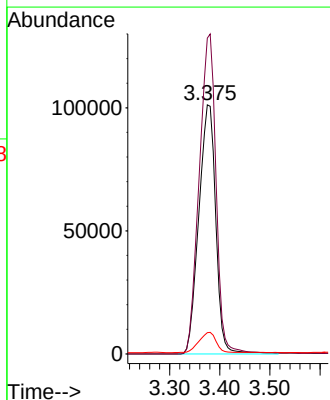
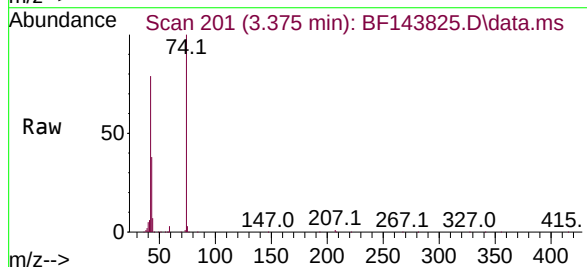
Tgt Ion: 42 Resp: 238209

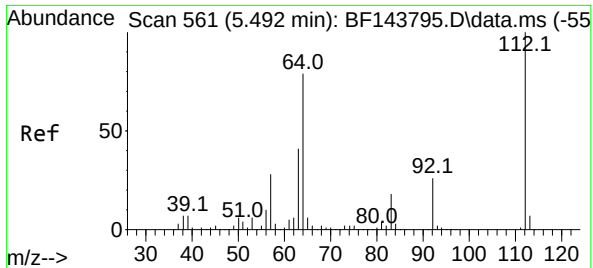
Ion Ratio Lower Upper

42 100

74 126.8 89.1 133.7

44 8.5 6.4 9.6

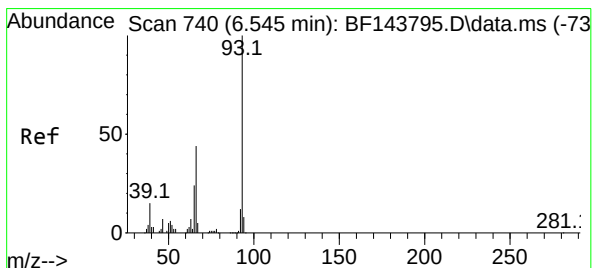
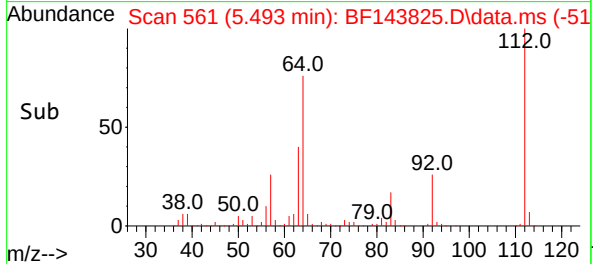
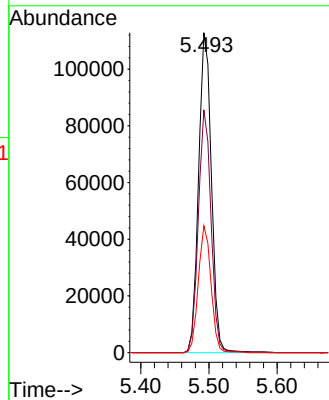
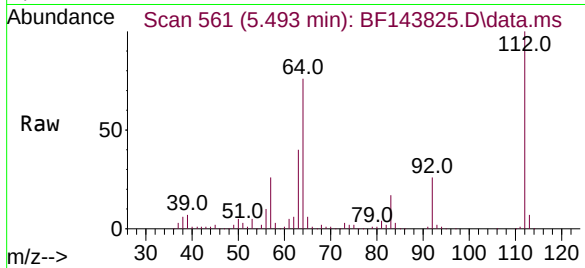




#5
2-Fluorophenol
Concen: 18.471 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

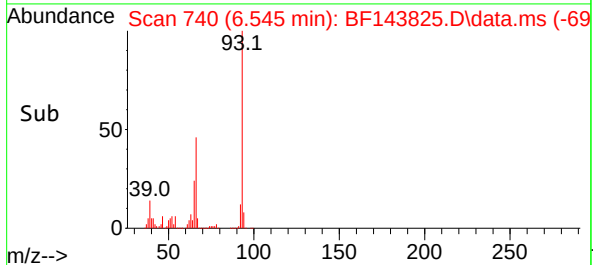
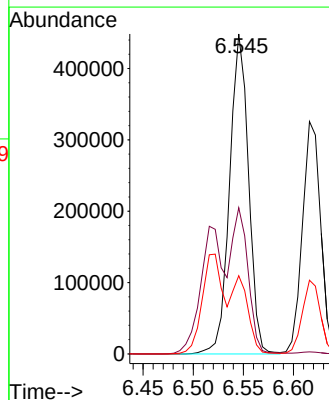
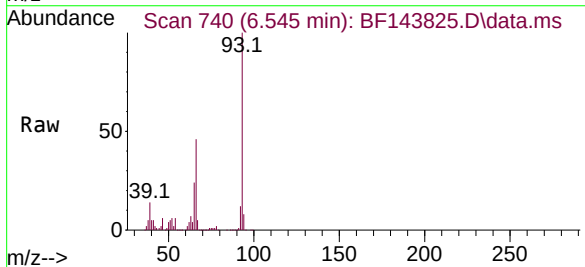
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

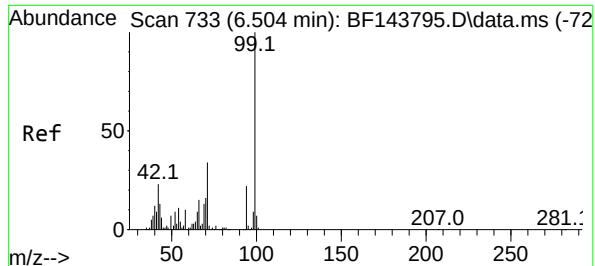
Tgt Ion:112 Resp: 147916
Ion Ratio Lower Upper
112 100
64 75.9 63.0 94.4
63 39.6 32.6 49.0



#6
Aniline
Concen: 43.823 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 93 Resp: 588504
Ion Ratio Lower Upper
93 100
66 45.7 37.1 55.7
65 24.4 19.4 29.0

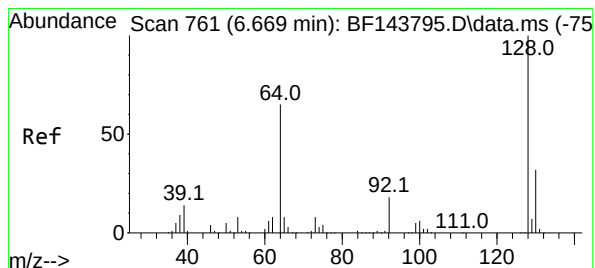
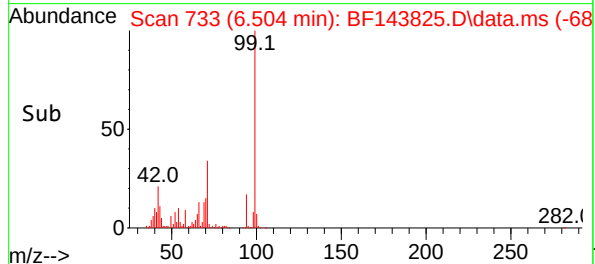
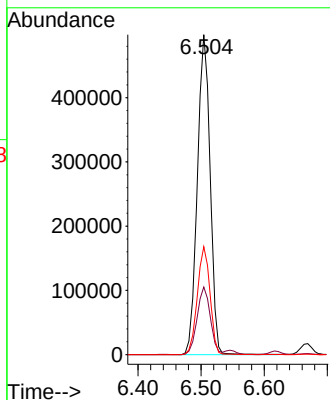
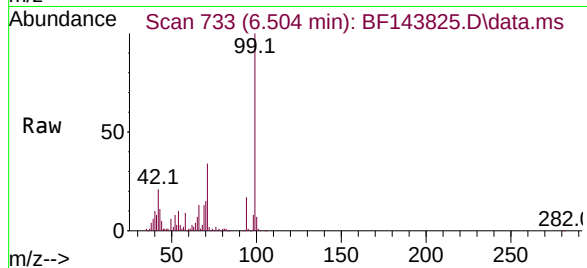




#7
Phenol-d6
Concen: 75.692 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

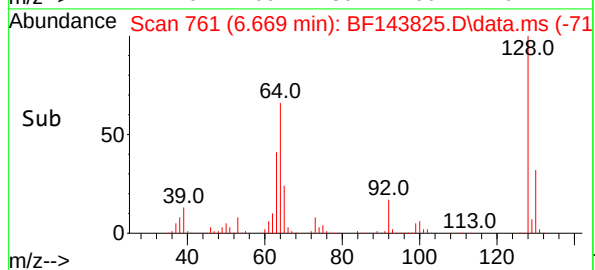
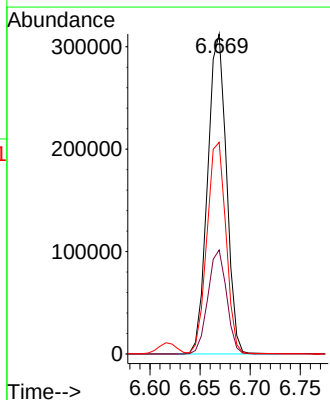
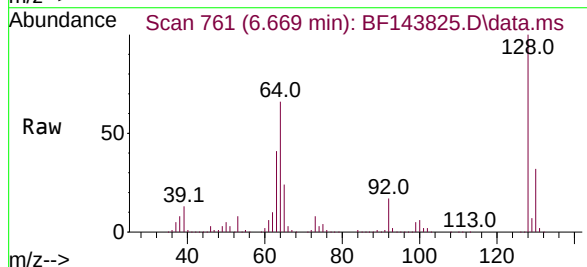
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

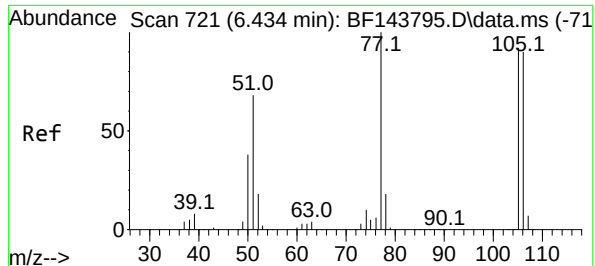
Tgt Ion:	99	Resp:	700358
Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.6	28.0
71	33.7	27.0	40.4



#8
2-Chlorophenol
Concen: 49.743 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:	128	Resp:	407796
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	66.1	46.5	86.5





#9

Benzaldehyde

Concen: 30.524 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

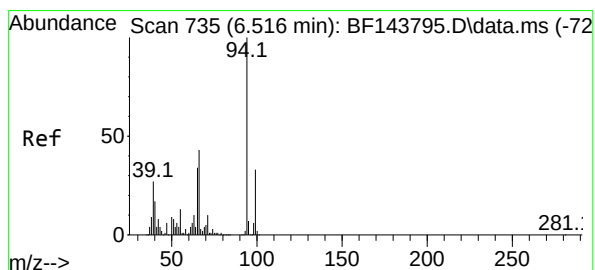
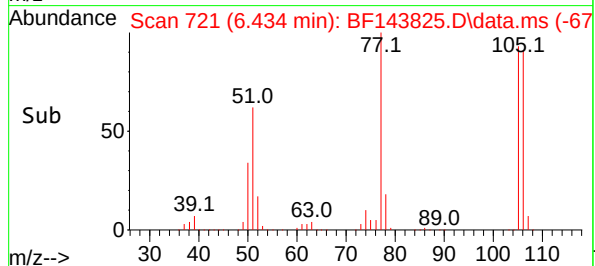
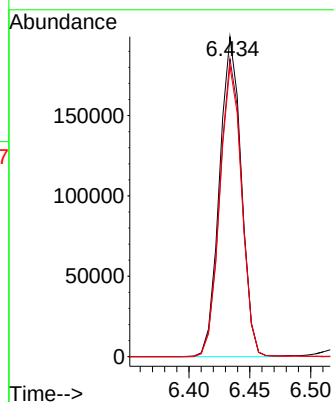
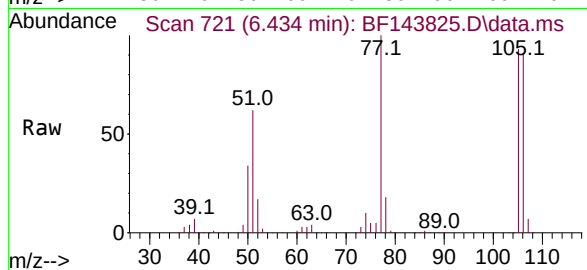
Tgt Ion: 77 Resp: 247325

Ion Ratio Lower Upper

77 100

105 93.0 71.8 111.8

106 90.7 69.8 109.8



#10

Phenol

Concen: 53.084 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

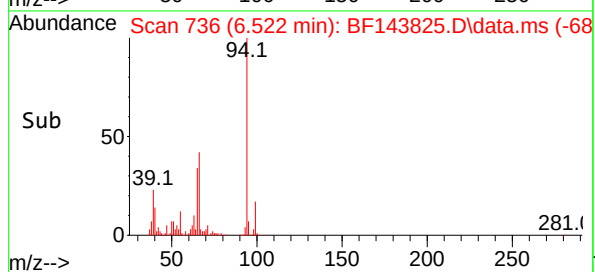
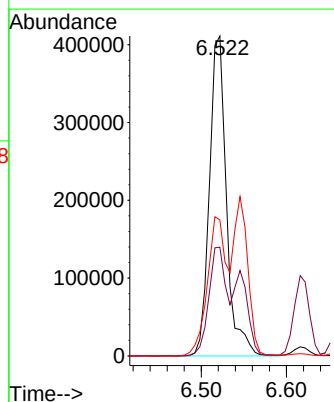
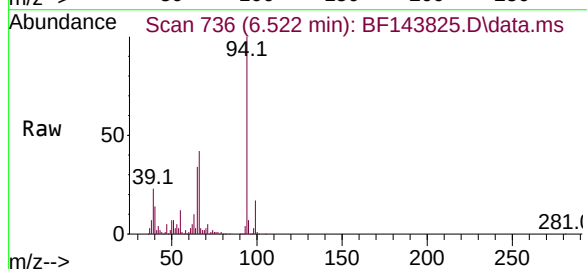
Tgt Ion: 94 Resp: 570910

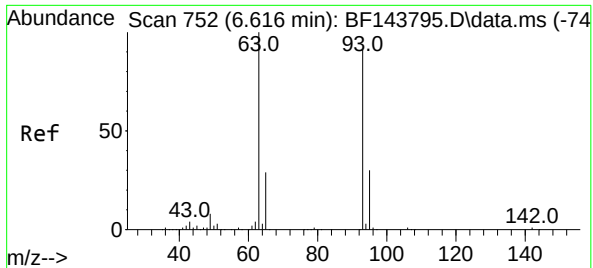
Ion Ratio Lower Upper

94 100

65 34.0 14.2 54.2

66 42.5 24.1 64.1

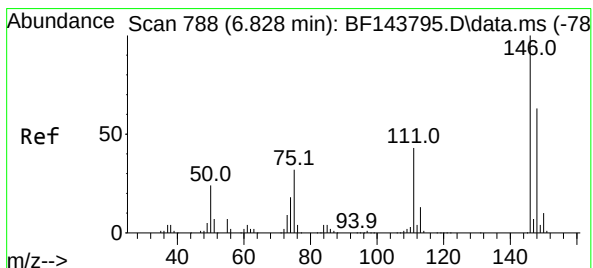
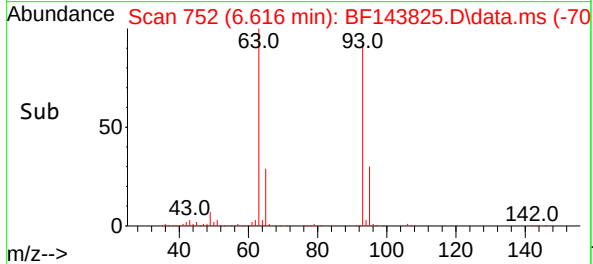
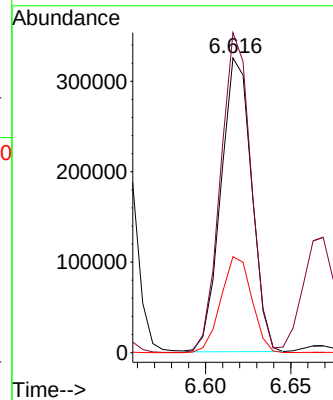
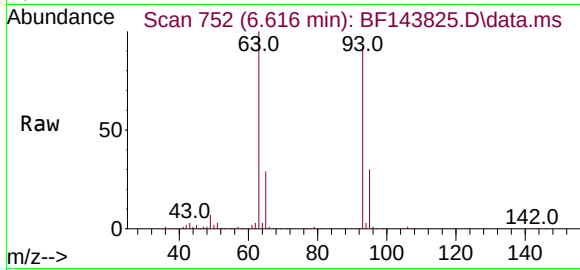




#11
bis(2-Chloroethyl)ether
Concen: 48.429 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

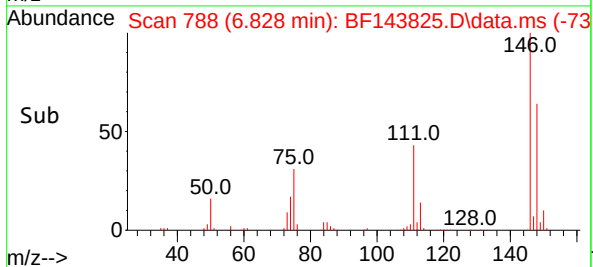
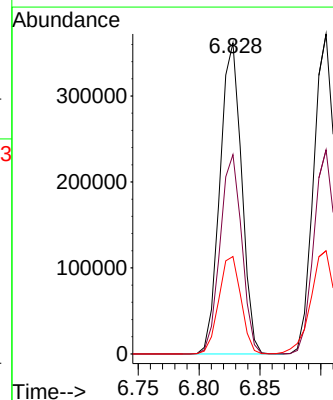
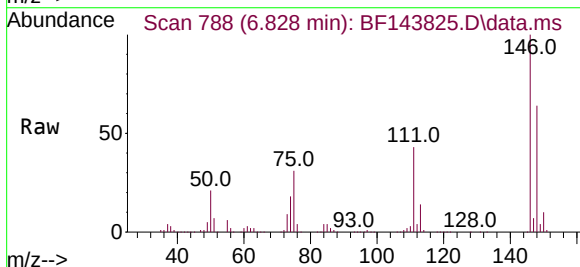
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

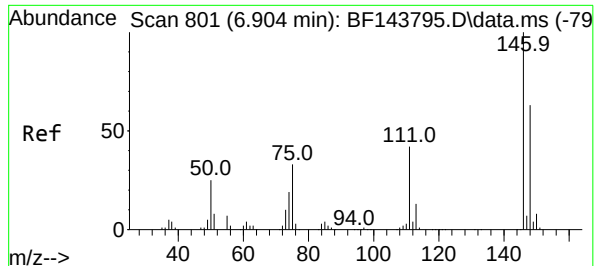
Tgt Ion: 93 Resp: 408280
Ion Ratio Lower Upper
93 100
63 108.6 89.2 129.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.066 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:146 Resp: 447998
Ion Ratio Lower Upper
146 100
148 64.1 50.4 75.6
75 31.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 48.021 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

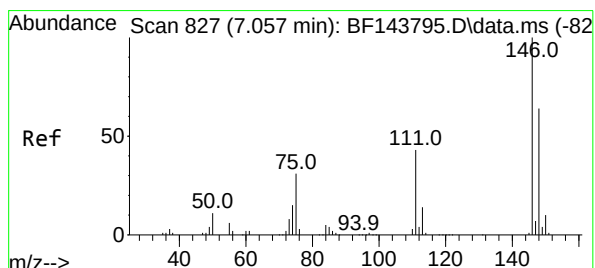
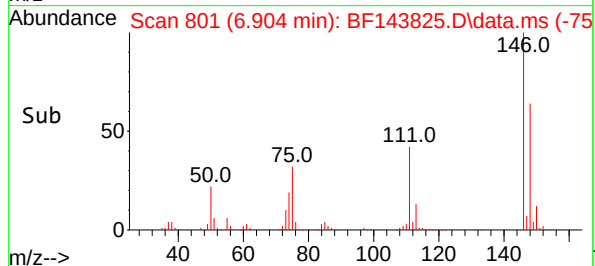
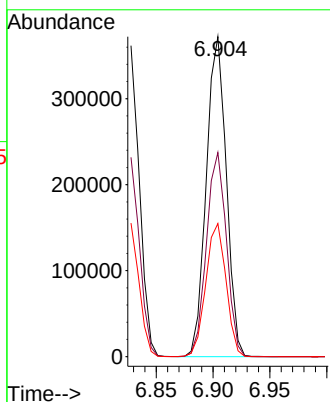
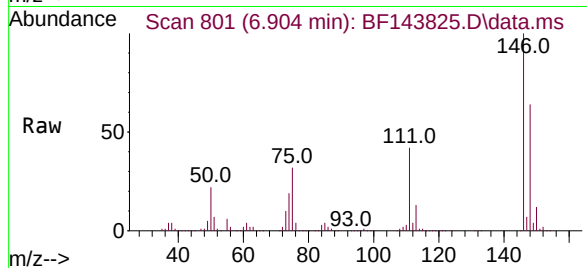
Tgt Ion:146 Resp: 456155

Ion Ratio Lower Upper

146 100

148 63.8 50.7 76.1

111 41.6 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 48.547 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

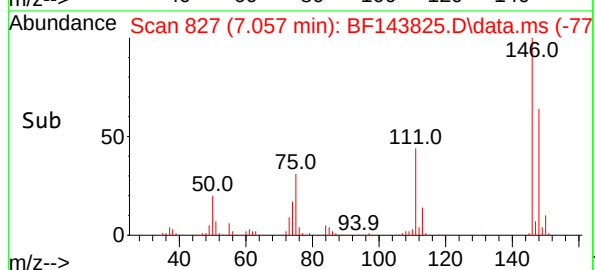
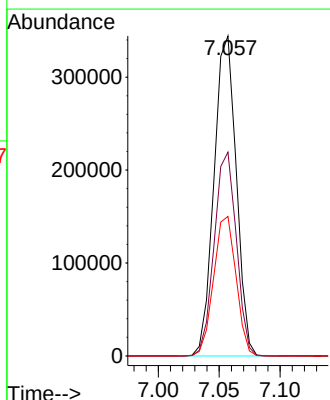
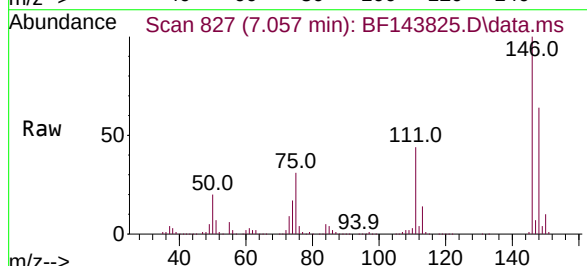
Tgt Ion:146 Resp: 436761

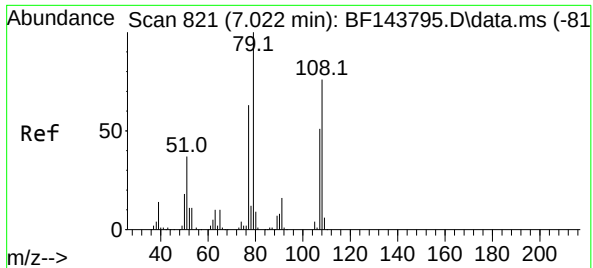
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 43.6 34.3 51.5

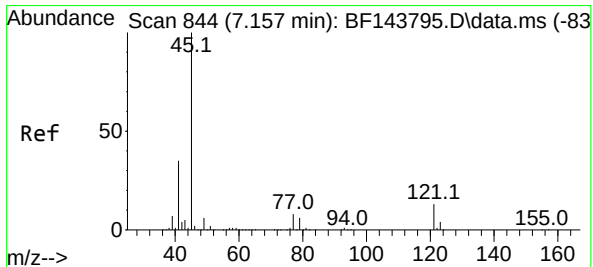
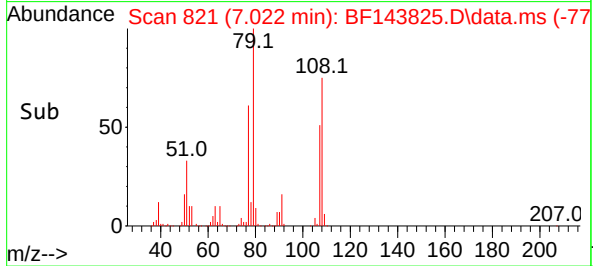
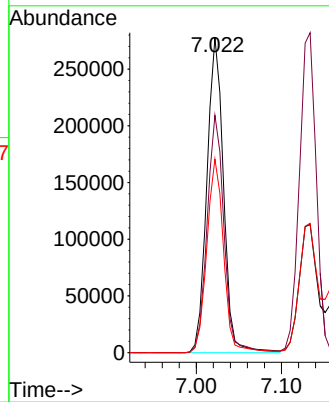
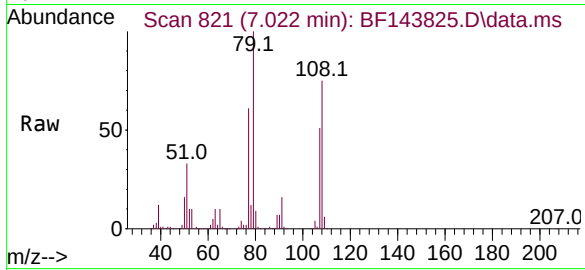




#15
Benzyl Alcohol
Concen: 56.311 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

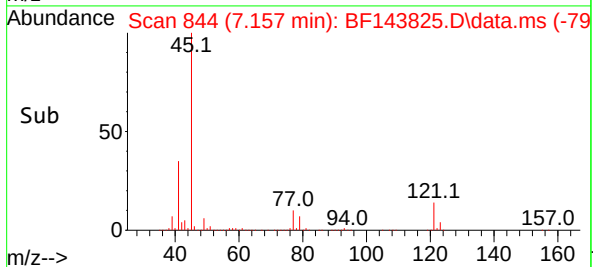
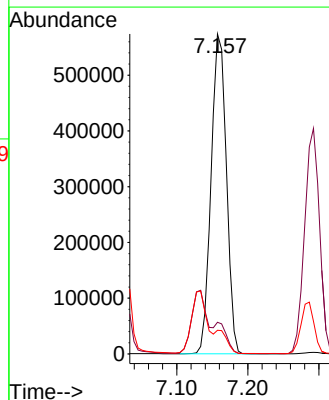
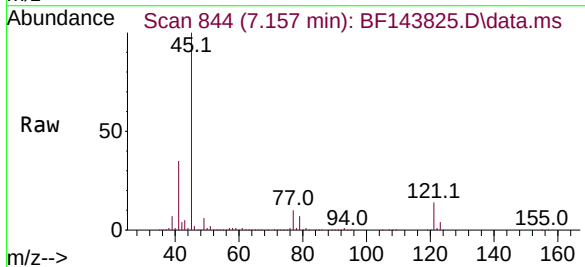
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

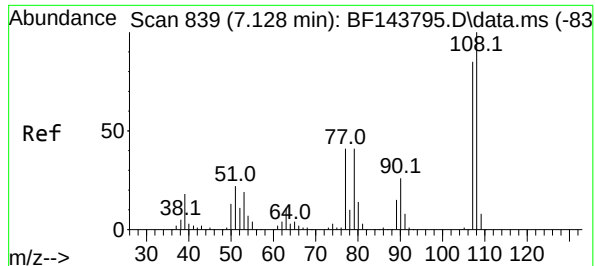
Tgt Ion: 79 Resp: 376475
Ion Ratio Lower Upper
79 100
108 75.4 60.5 90.7
77 61.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.987 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 45 Resp: 859348
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.5
79 7.4 0.0 26.3

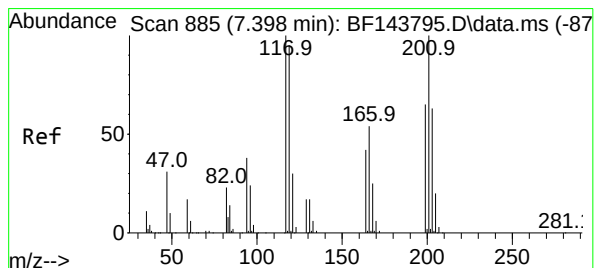
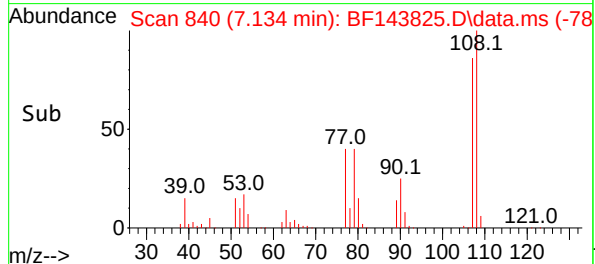
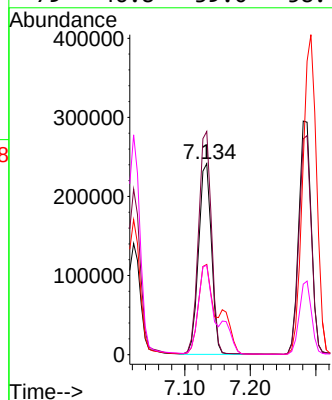
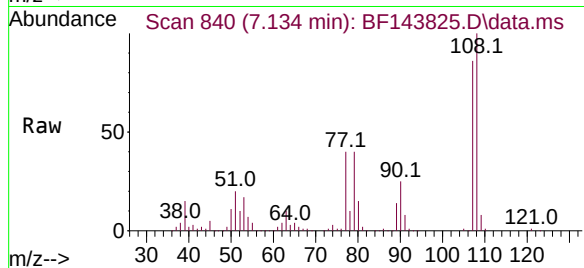




#17
2-Methylphenol
Concen: 51.947 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

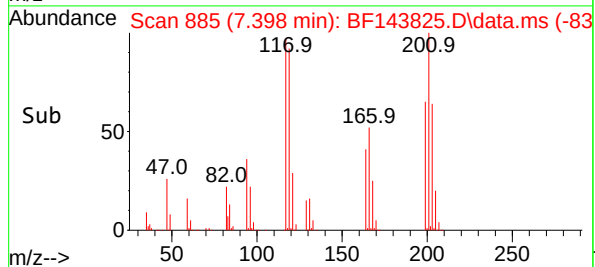
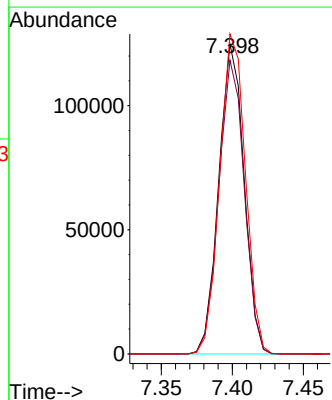
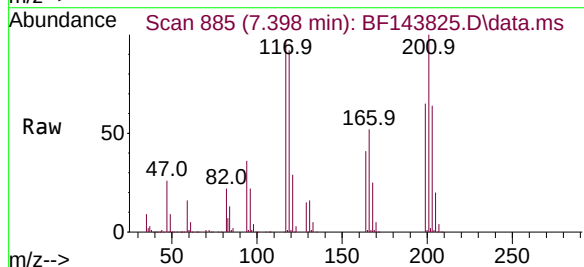
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

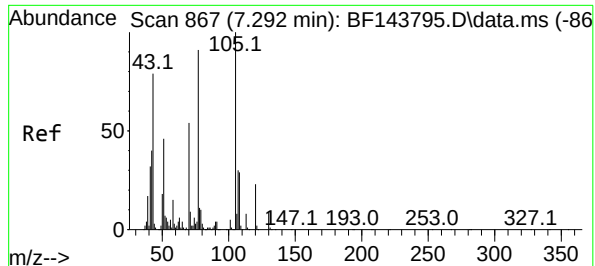
Tgt Ion:107 Resp: 329705
Ion Ratio Lower Upper
107 100
108 116.9 94.2 141.4
77 47.3 38.6 58.0
79 46.8 39.0 58.4



#18
Hexachloroethane
Concen: 46.425 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:117 Resp: 155087
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.2
201 103.2 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 48.827 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

Tgt Ion: 70 Resp: 290523

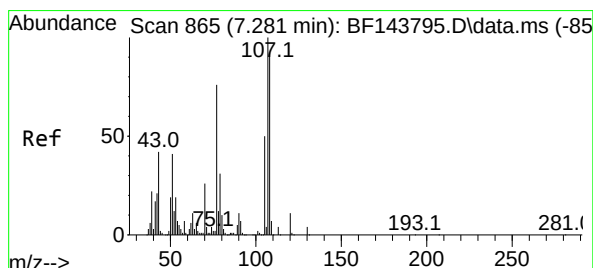
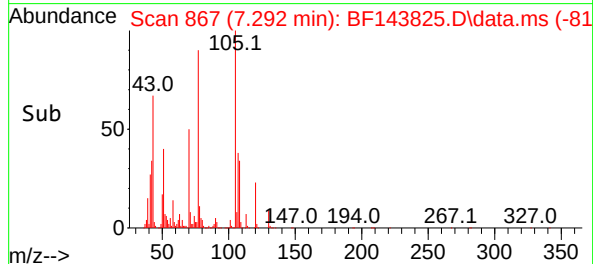
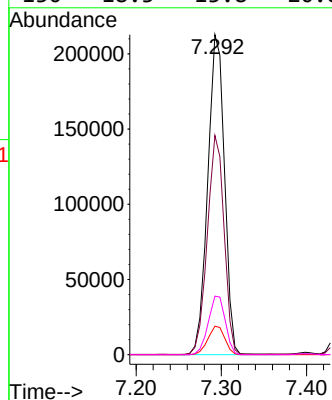
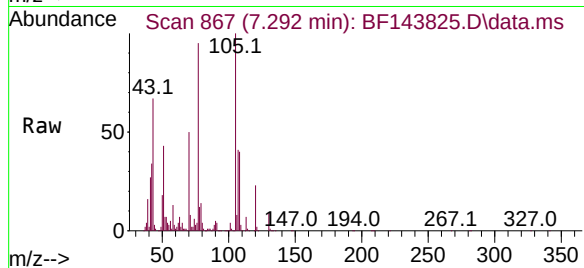
Ion Ratio Lower Upper

70 100

42 68.5 59.4 89.0

101 8.9 7.1 10.7

130 18.3 13.8 20.8



#20

3+4-Methylphenols

Concen: 50.910 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Tgt Ion: 107 Resp: 393494

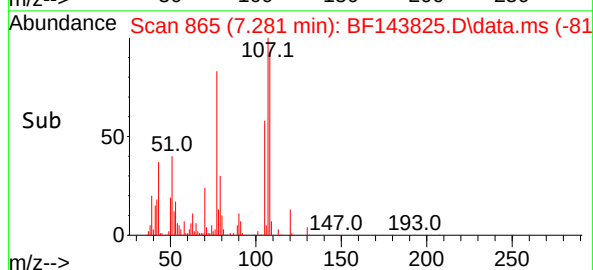
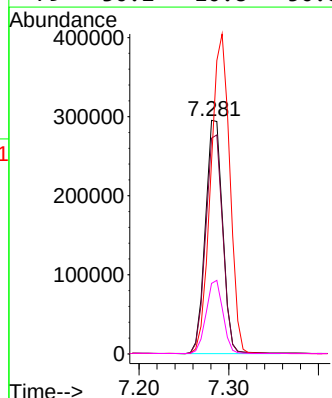
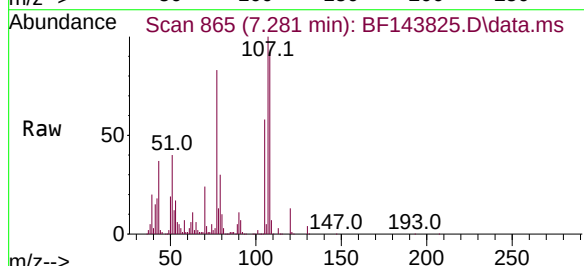
Ion Ratio Lower Upper

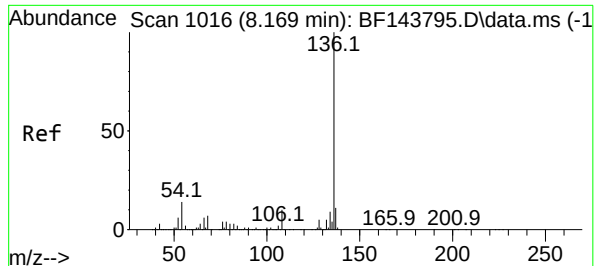
107 100

108 92.4 72.5 112.5

77 82.5 56.2 96.2

79 30.2 10.8 50.8

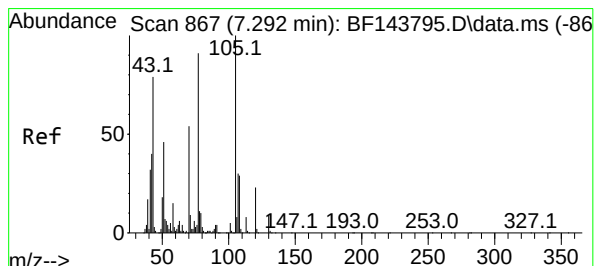
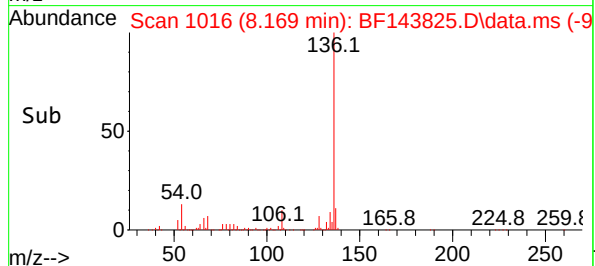
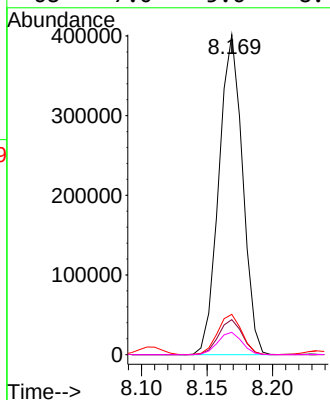
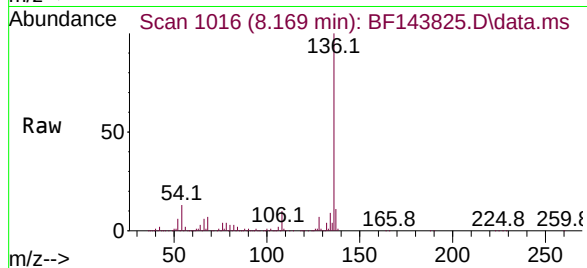




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

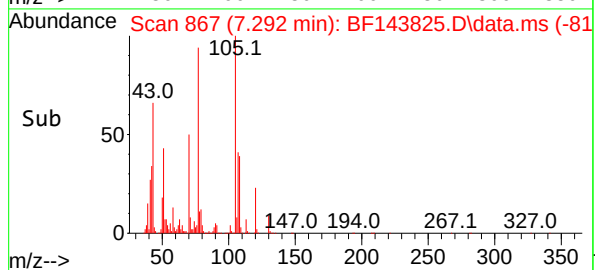
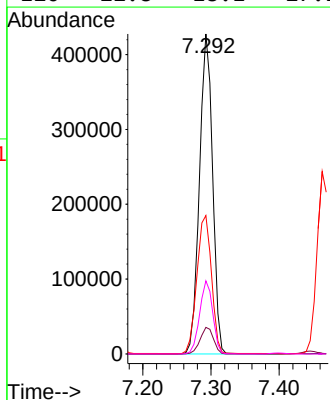
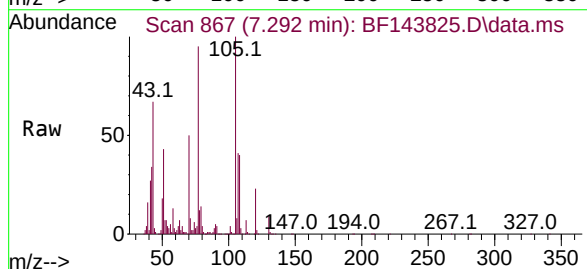
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

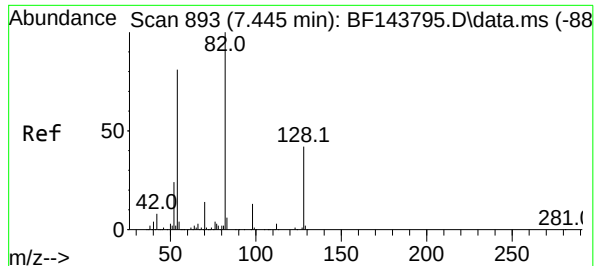
Tgt Ion:136 Resp: 506656
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 12.6 11.2 16.8
68 7.0 5.6 8.4



#22
Acetophenone
Concen: 51.463 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:105 Resp: 572687
Ion Ratio Lower Upper
105 100
71 8.3 7.0 10.4
51 43.2 36.6 55.0
120 22.8 18.1 27.1





#23

Nitrobenzene-d5

Concen: 57.793 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143825.D

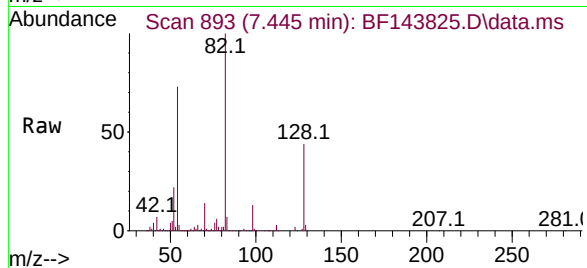
Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

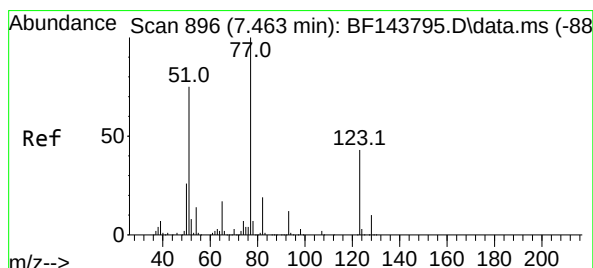
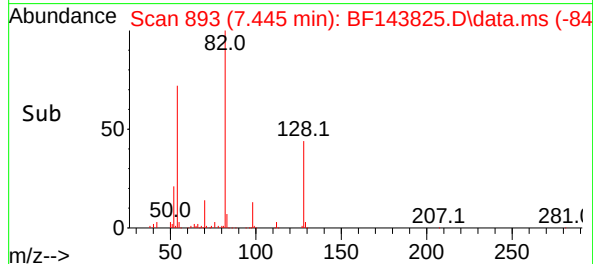
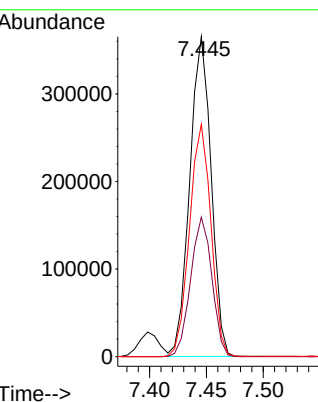
ClientSampleId :

WALL-PROBE-BRICK-1MSD



Tgt Ion: 82 Resp: 478360

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.3	49.9
54	72.6	64.2	96.4



#24

Nitrobenzene

Concen: 48.999 ng

RT: 7.463 min Scan# 896

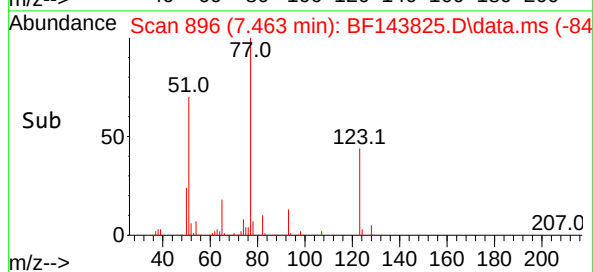
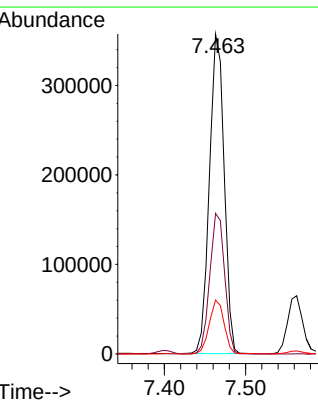
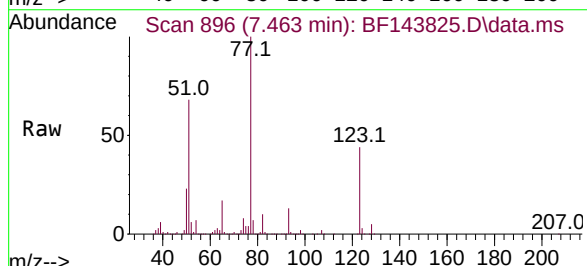
Delta R.T. -0.012 min

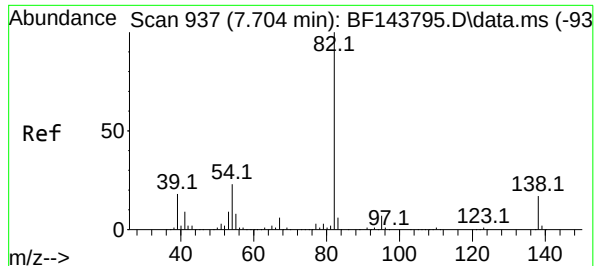
Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Tgt Ion: 77 Resp: 449544

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.0	51.0
65	16.8	13.5	20.3





#25

Isophorone

Concen: 50.241 ng

RT: 7.704 min Scan# 931

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

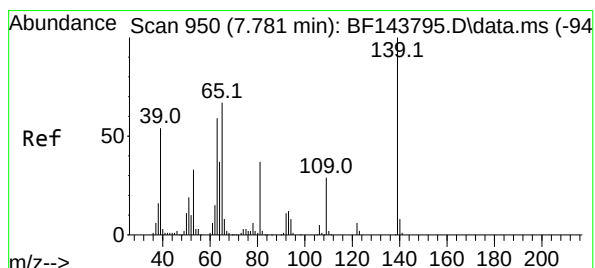
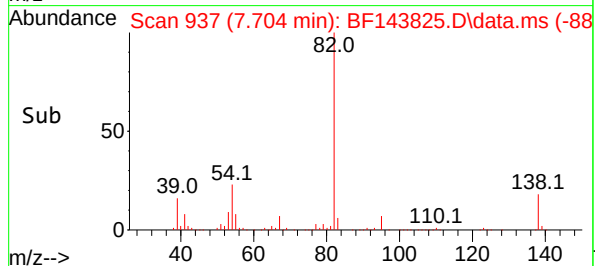
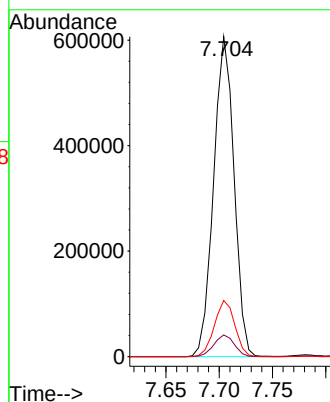
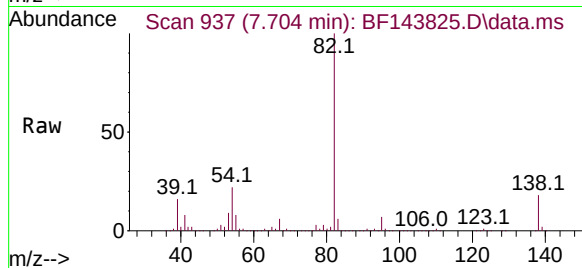
Tgt Ion: 82 Resp: 810355

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.5 13.7 20.5



#26

2-Nitrophenol

Concen: 54.080 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.005 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

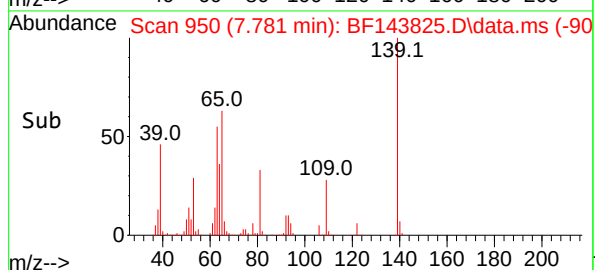
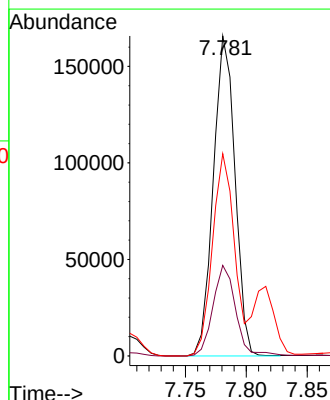
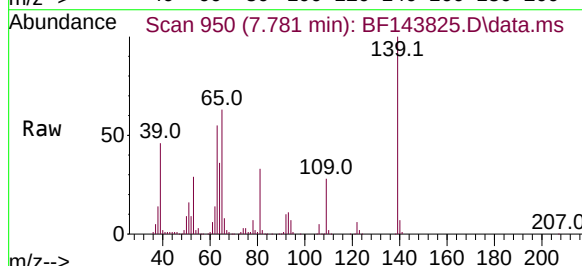
Tgt Ion:139 Resp: 205069

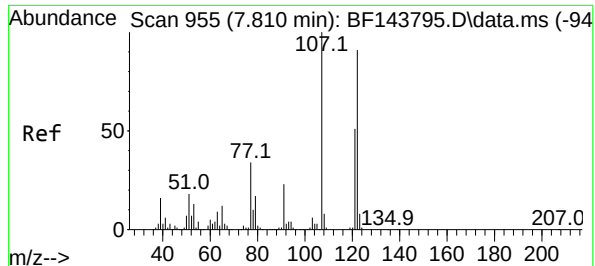
Ion Ratio Lower Upper

139 100

109 28.3 23.3 34.9

65 63.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 54.060 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

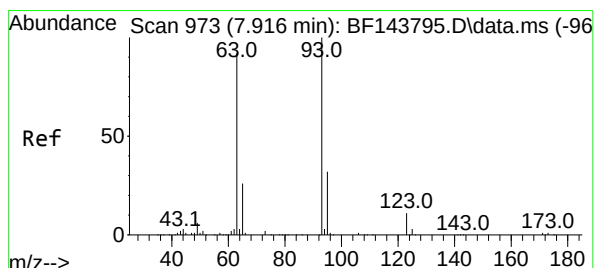
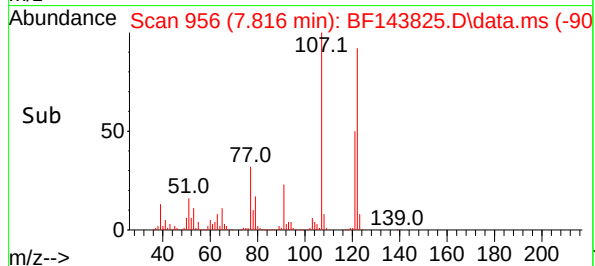
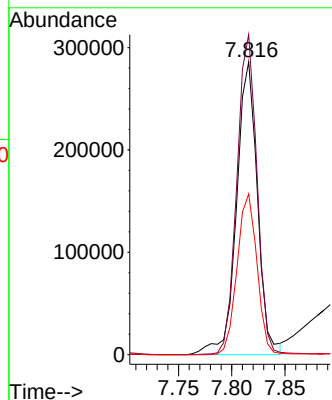
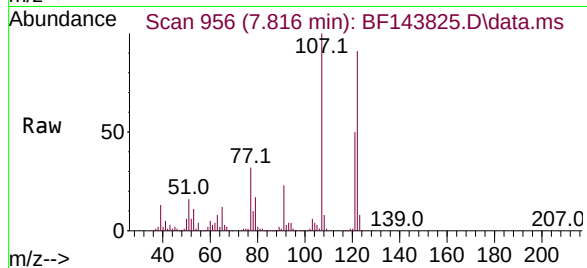
Tgt Ion:122 Resp: 389731

Ion Ratio Lower Upper

122 100

107 109.3 87.5 131.3

121 54.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.879 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

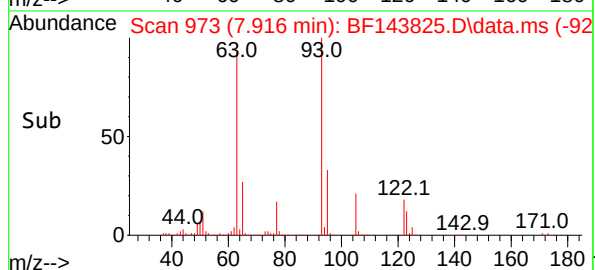
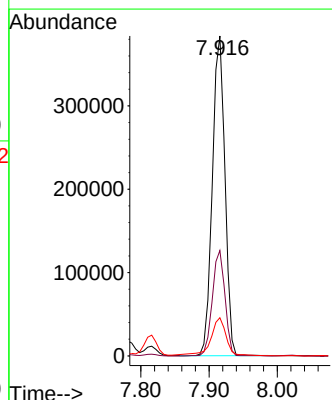
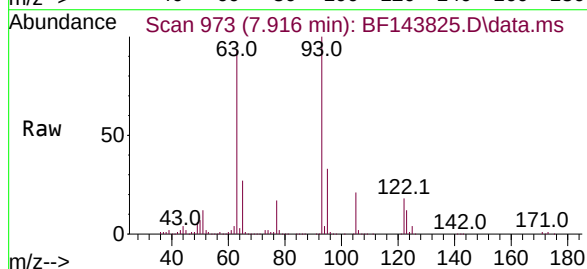
Tgt Ion: 93 Resp: 491252

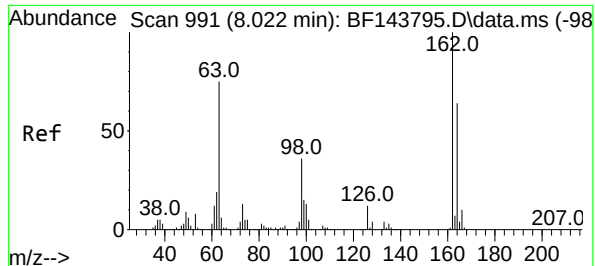
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 11.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 49.836 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

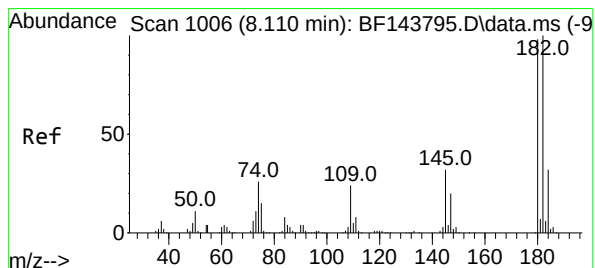
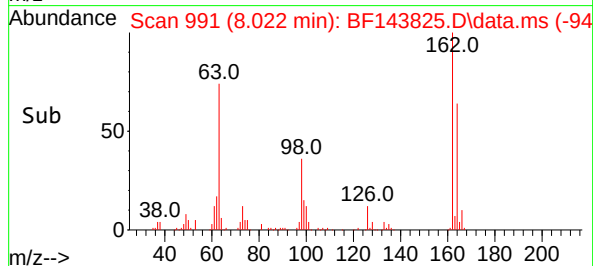
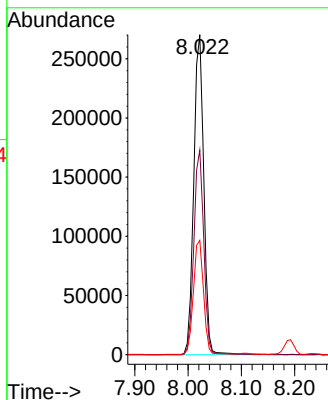
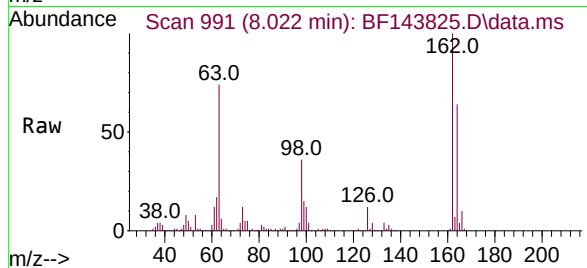
Tgt Ion:162 Resp: 353518

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

98 35.8 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 49.115 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

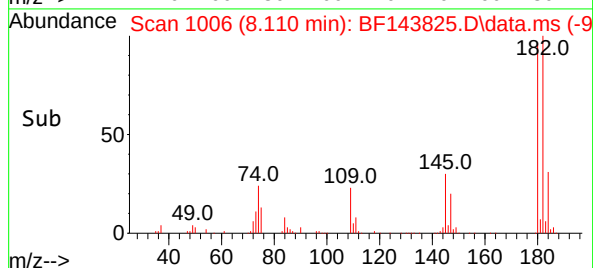
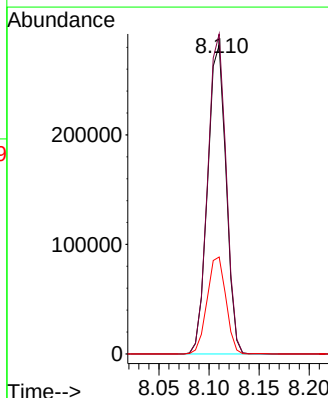
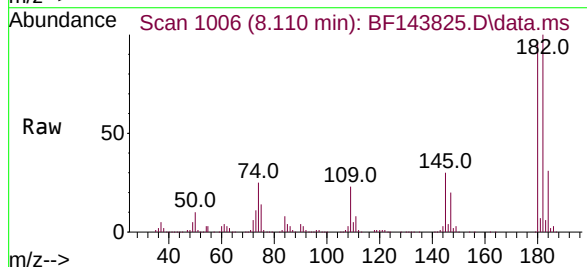
Tgt Ion:180 Resp: 361566

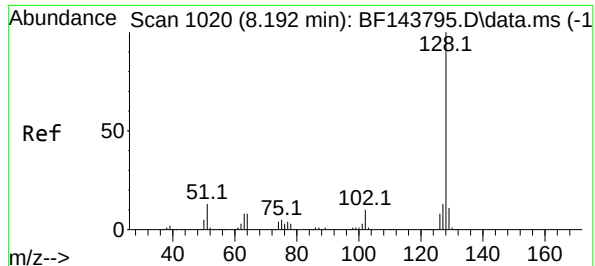
Ion Ratio Lower Upper

180 100

182 103.6 82.0 123.0

145 31.4 25.9 38.9





#31

Naphthalene

Concen: 46.403 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

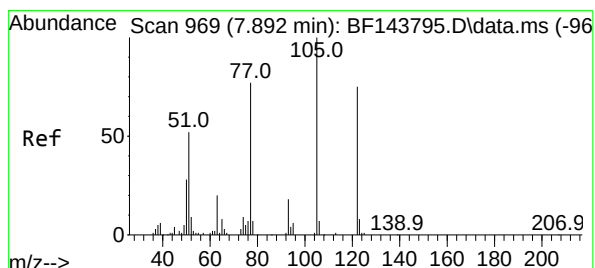
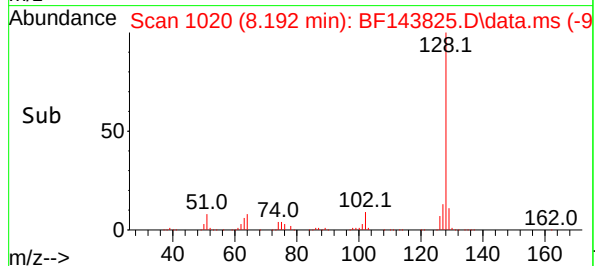
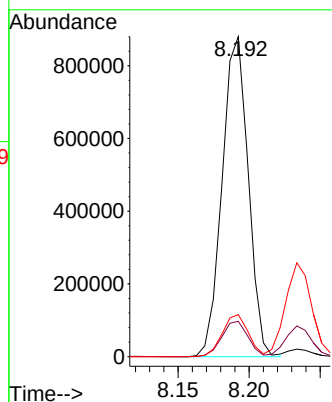
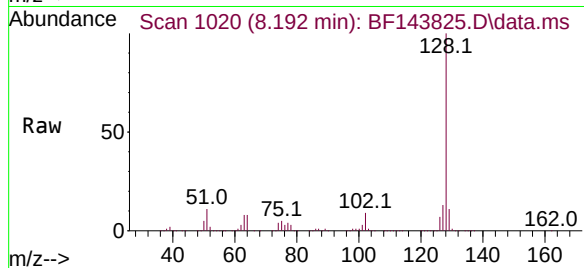
Tgt Ion:128 Resp: 1125484

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.2 15.4



#32

Benzoic acid

Concen: 76.191 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

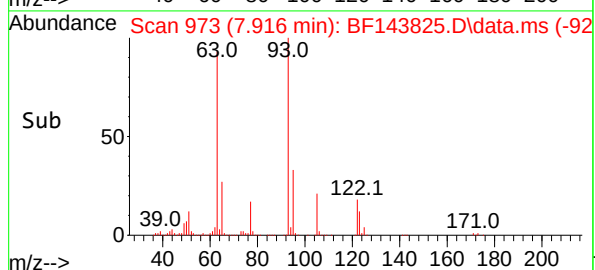
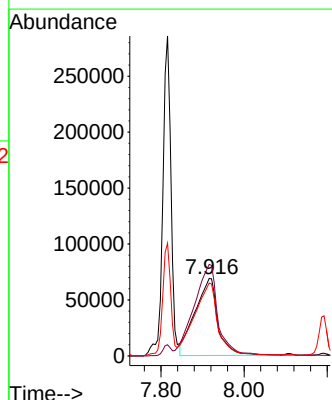
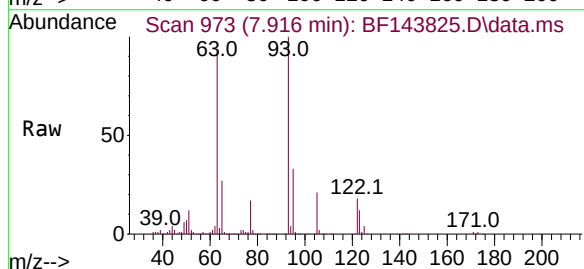
Tgt Ion:122 Resp: 265016

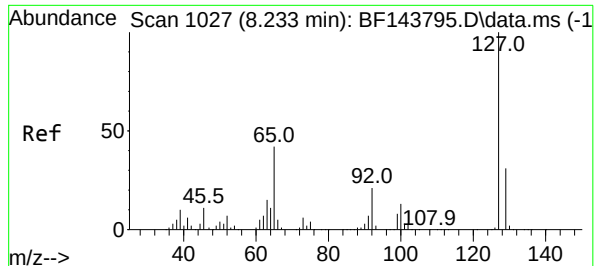
Ion Ratio Lower Upper

122 100

105 118.2 103.7 143.7

77 94.2 78.8 118.8





#33

4-Chloroaniline

Concen: 39.489 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

Tgt Ion:127 Resp: 336584

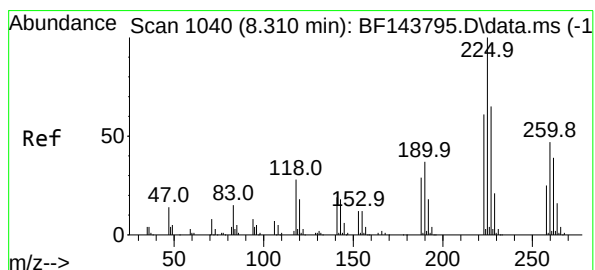
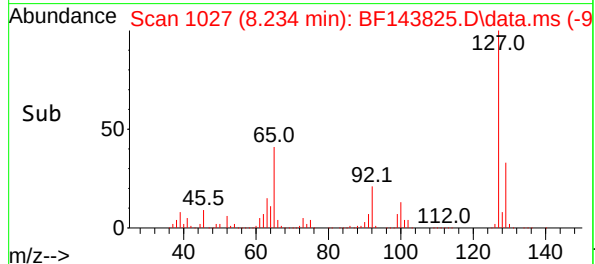
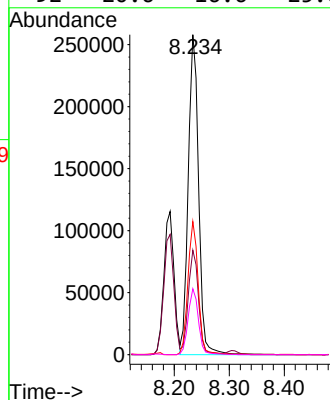
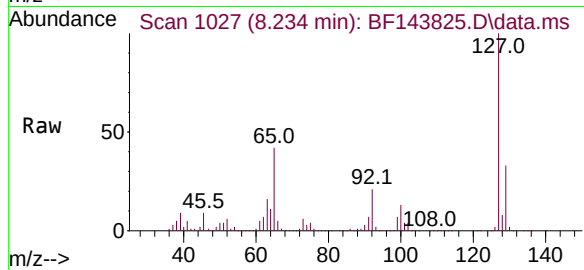
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.2

65 41.6 33.4 50.2

92 20.6 16.6 25.0



#34

Hexachlorobutadiene

Concen: 46.000 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

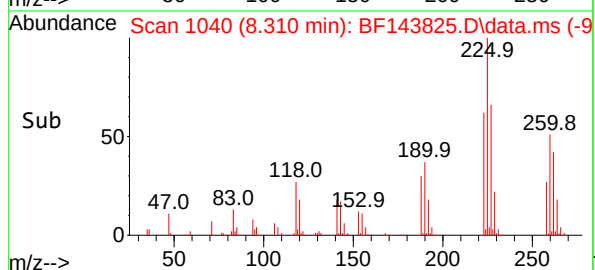
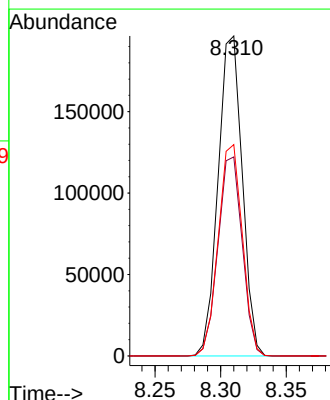
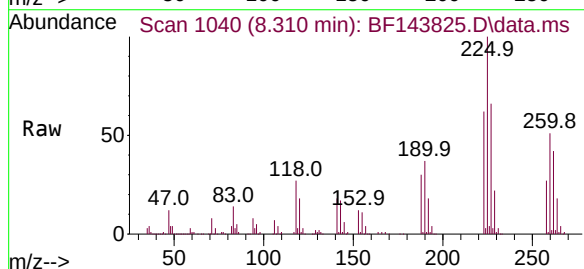
Tgt Ion:225 Resp: 252441

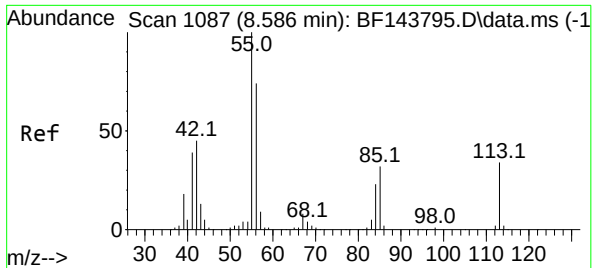
Ion Ratio Lower Upper

225 100

223 62.2 48.6 72.8

227 66.0 51.9 77.9

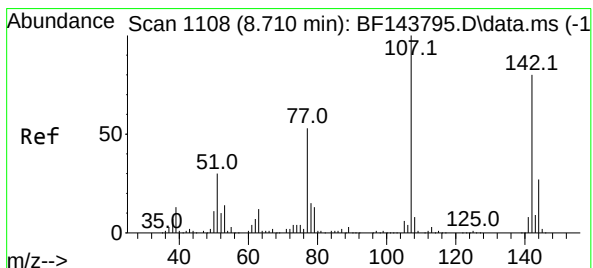
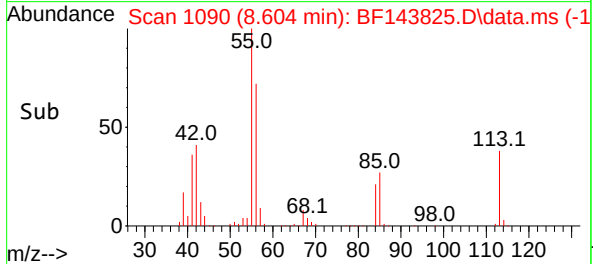
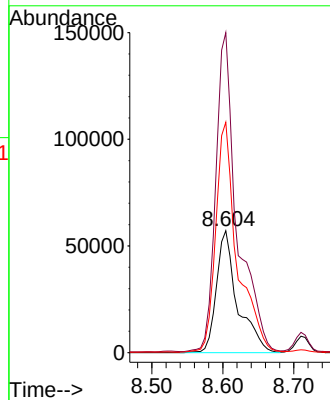
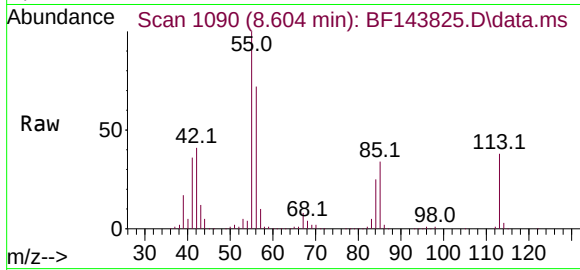




#35
Caprolactam
Concen: 65.196 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

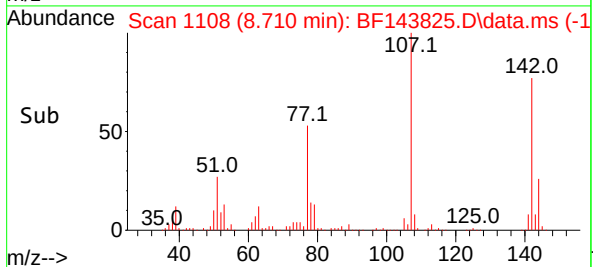
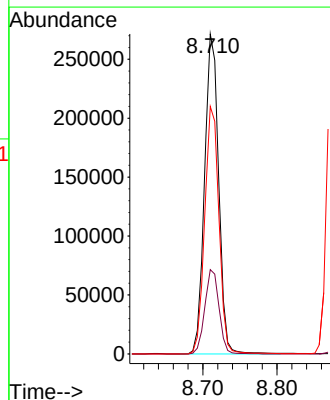
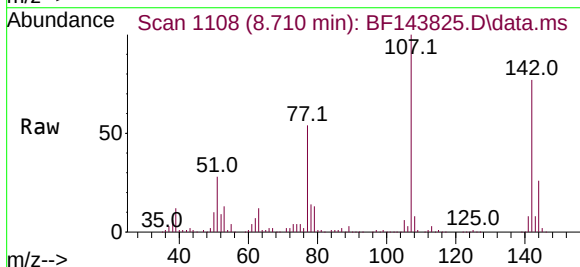
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

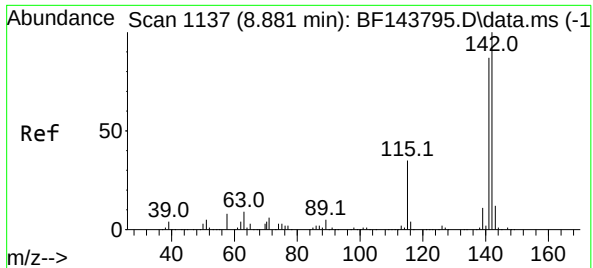
Tgt Ion:113 Resp: 118210
Ion Ratio Lower Upper
113 100
55 262.8 271.7 311.7#
56 189.1 194.5 234.5#



#36
4-Chloro-3-methylphenol
Concen: 53.843 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:107 Resp: 358214
Ion Ratio Lower Upper
107 100
144 26.3 21.8 32.8
142 77.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.549 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

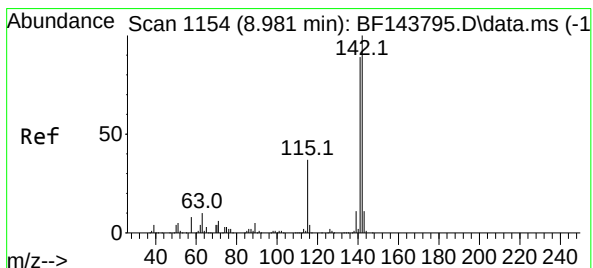
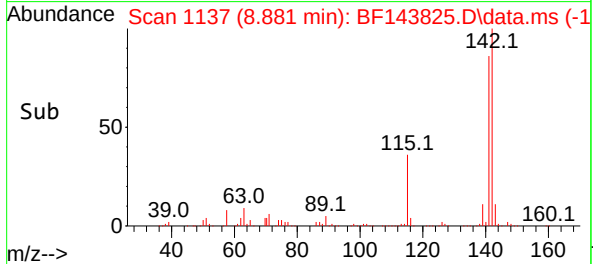
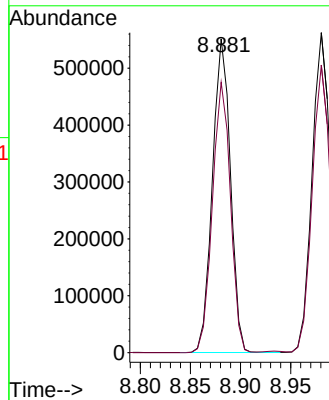
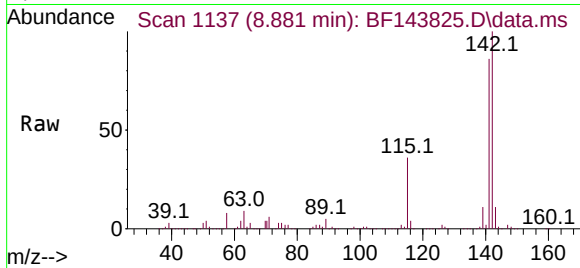
WALL-PROBE-BRICK-1MSD

Tgt Ion:142 Resp: 688975

Ion Ratio Lower Upper

142 100

141 86.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 47.796 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143825.D

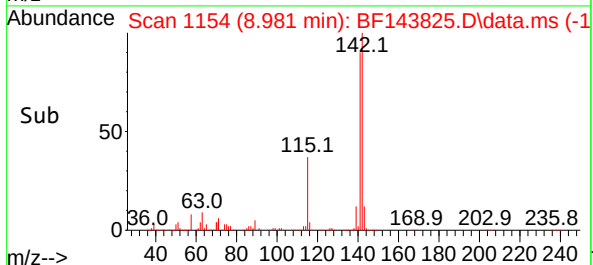
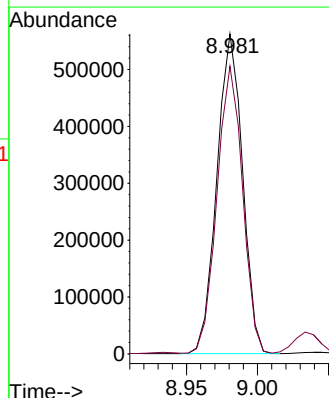
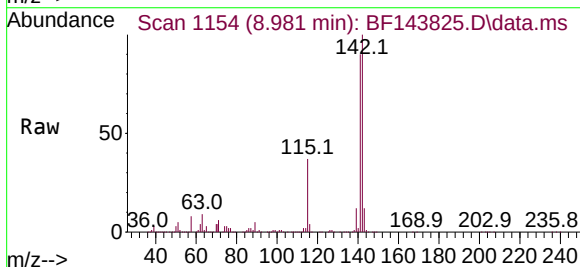
Acq: 29 Sep 2025 16:44

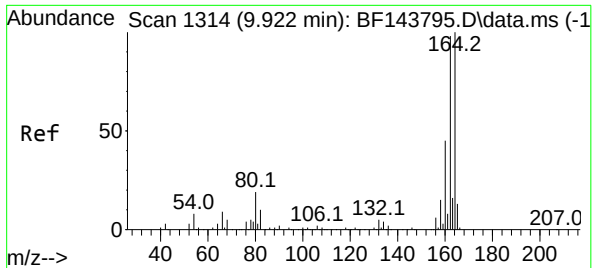
Tgt Ion:142 Resp: 707537

Ion Ratio Lower Upper

142 100

141 89.9 71.1 106.7

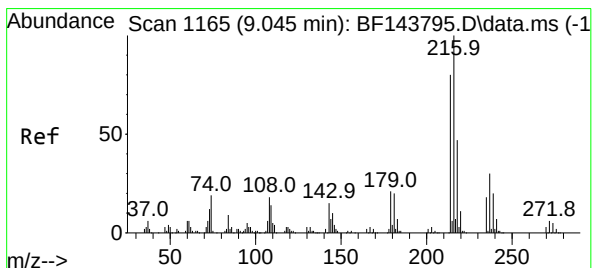
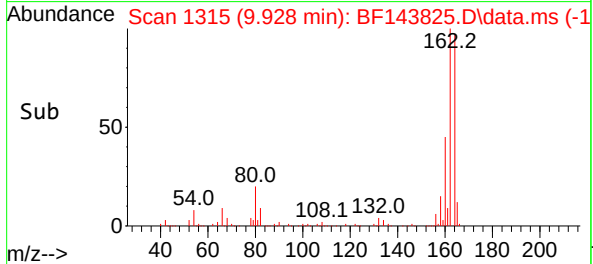
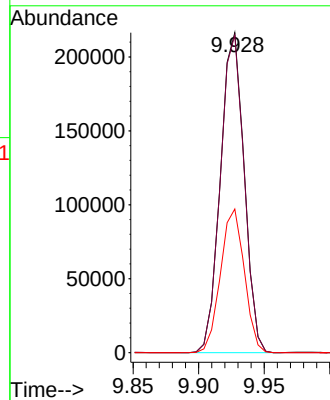
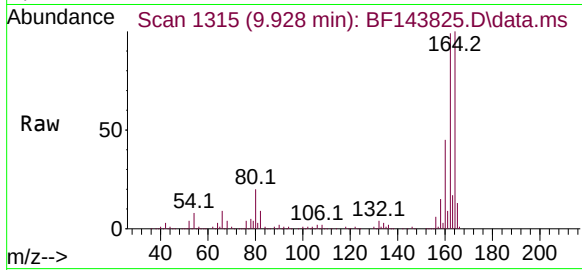




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

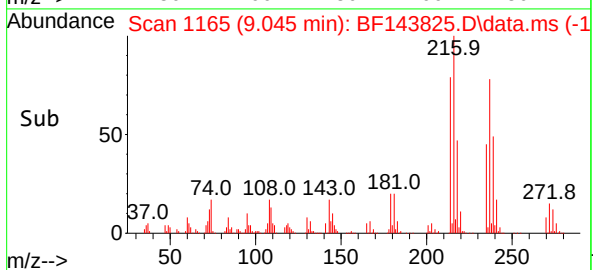
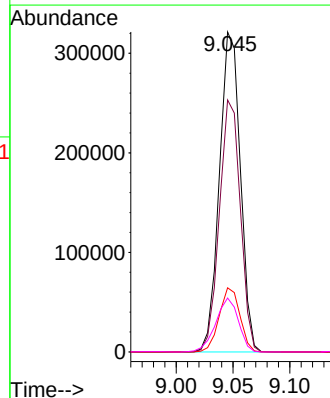
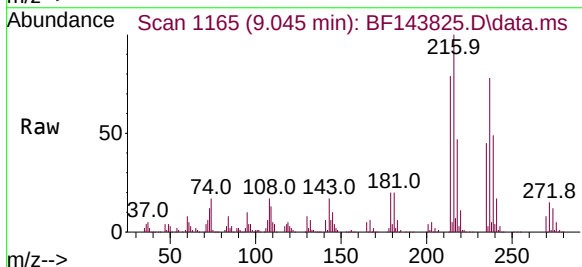
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

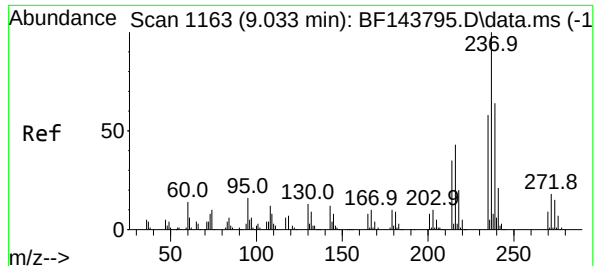
Tgt Ion:164 Resp: 272537
Ion Ratio Lower Upper
164 100
162 99.2 78.8 118.2
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.036 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:216 Resp: 411531
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 19.8 16.5 24.7
108 18.3 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 115.287 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

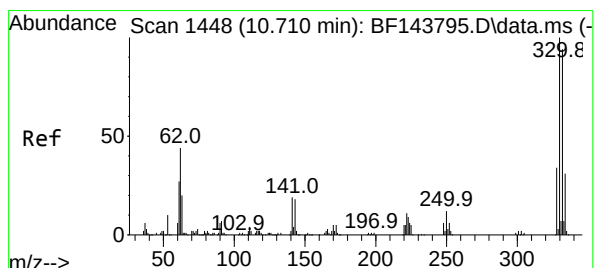
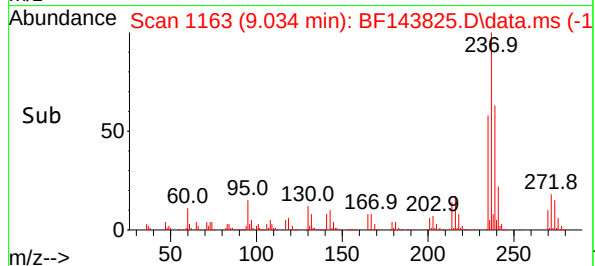
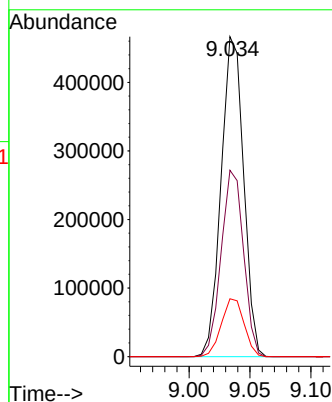
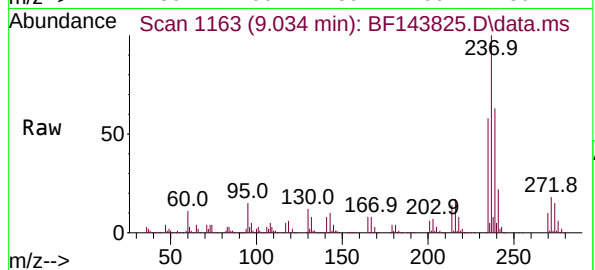
Tgt Ion:237 Resp: 600939

Ion Ratio Lower Upper

237 100

235 58.2 38.1 78.1

272 18.1 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 11.053 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

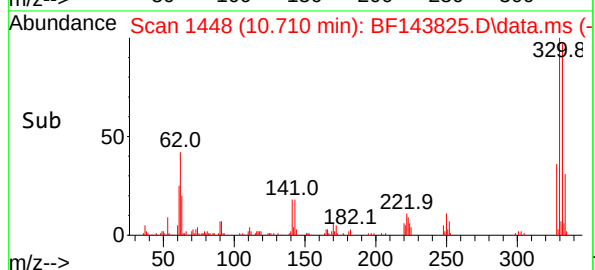
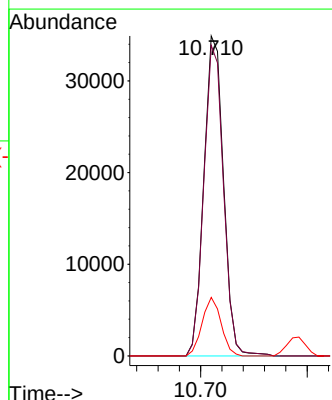
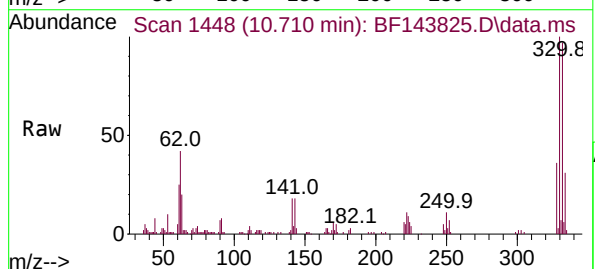
Tgt Ion:330 Resp: 44601

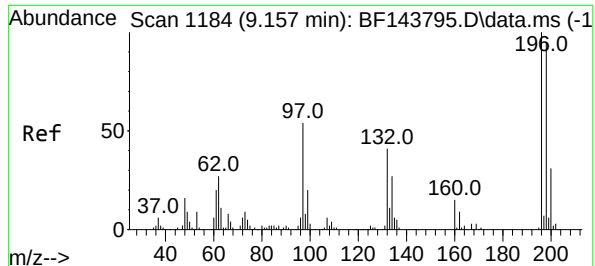
Ion Ratio Lower Upper

330 100

332 96.9 74.7 112.1

141 17.6 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 52.431 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

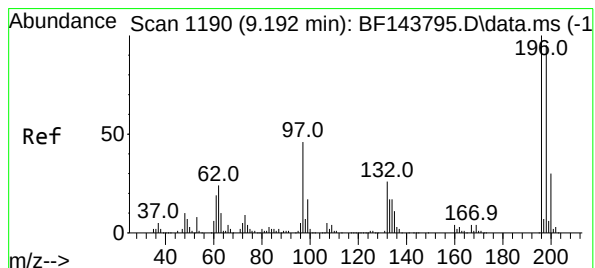
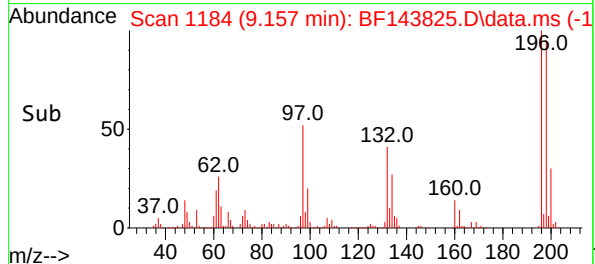
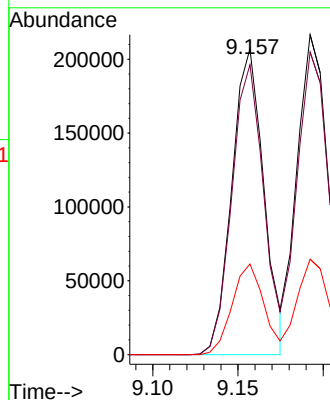
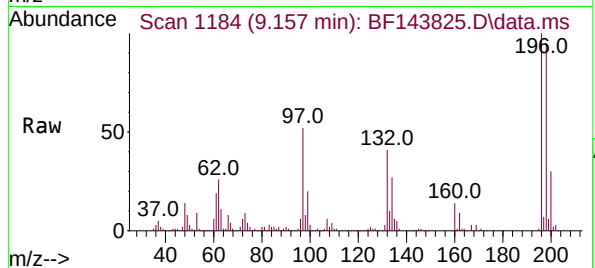
Tgt Ion:196 Resp: 270022

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 29.6 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 51.172 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Tgt Ion:196 Resp: 275653

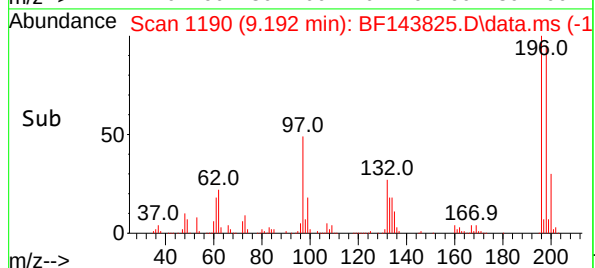
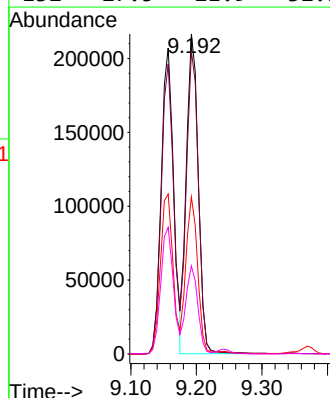
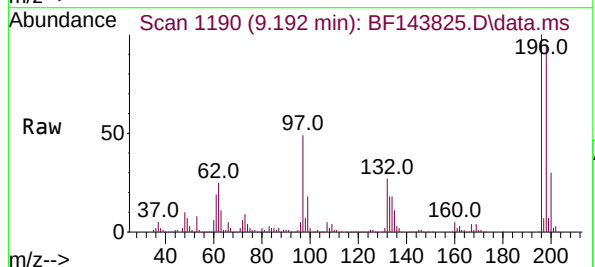
Ion Ratio Lower Upper

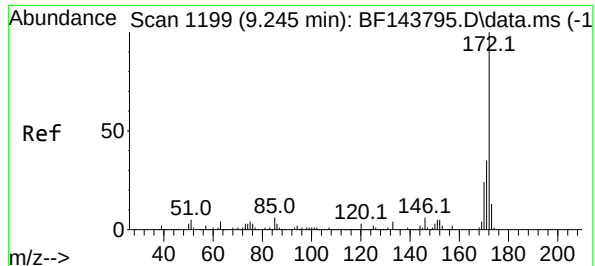
196 100

198 94.6 75.9 113.9

97 49.0 38.3 57.5

132 27.5 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 51.735 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

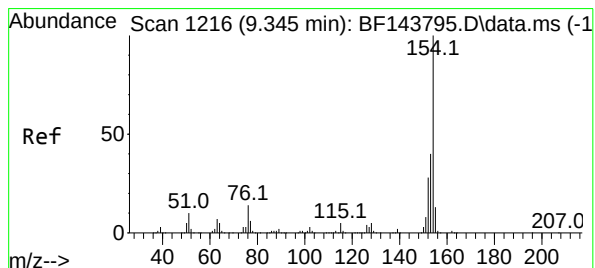
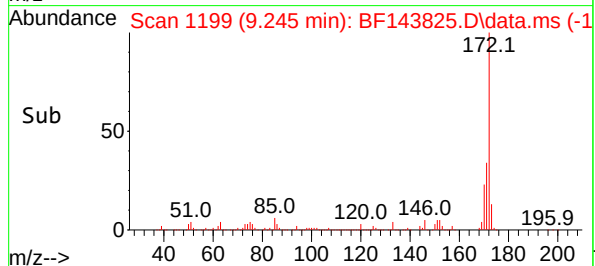
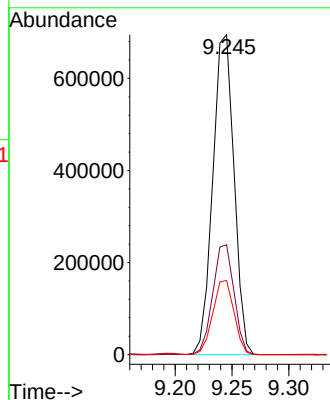
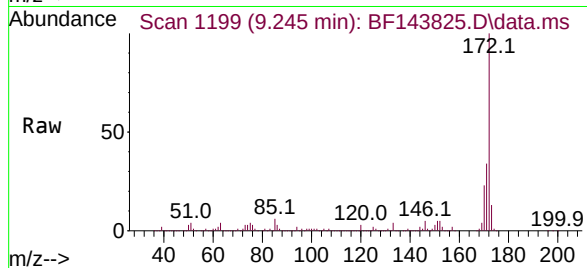
Tgt Ion:172 Resp: 903541

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 23.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.304 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

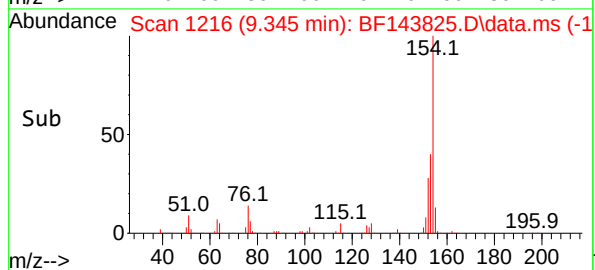
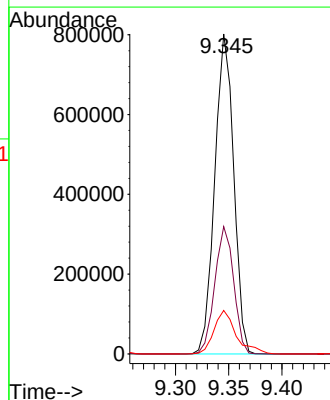
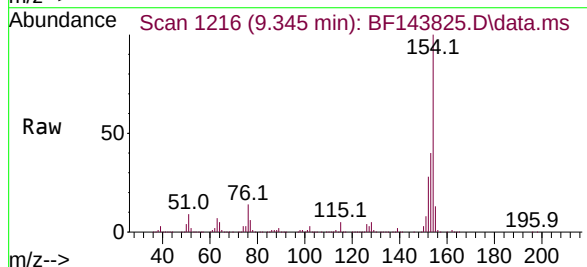
Tgt Ion:154 Resp: 992413

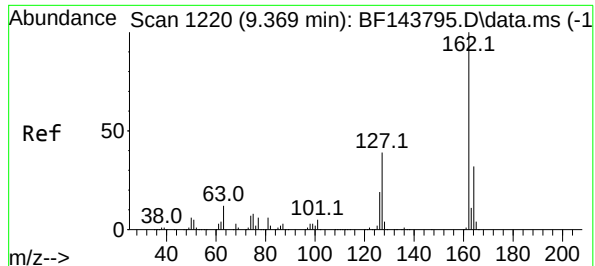
Ion Ratio Lower Upper

154 100

153 39.8 19.7 59.7

76 13.6 0.0 33.8





#47

2-Chloronaphthalene

Concen: 45.872 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

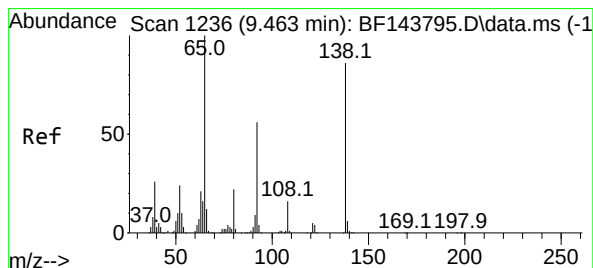
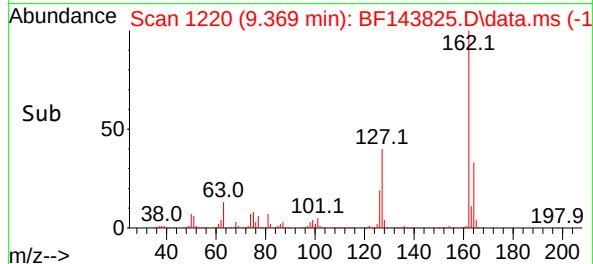
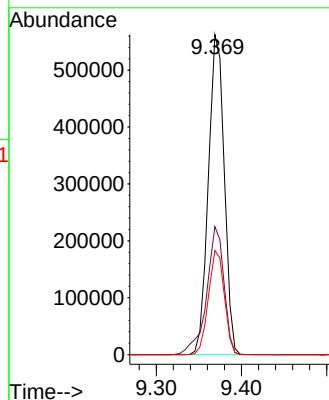
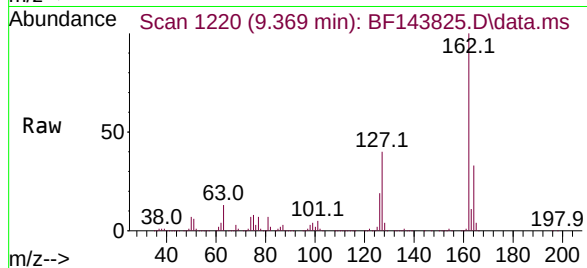
Tgt Ion:162 Resp: 728457

Ion Ratio Lower Upper

162 100

127 40.0 31.5 47.3

164 32.5 25.9 38.9



#48

2-Nitroaniline

Concen: 60.515 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

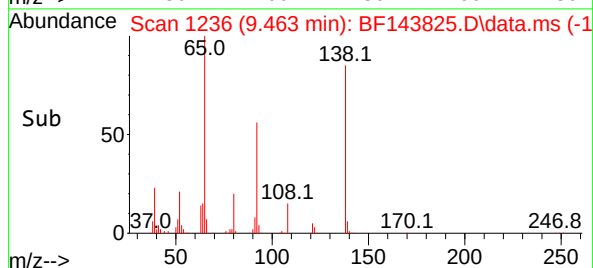
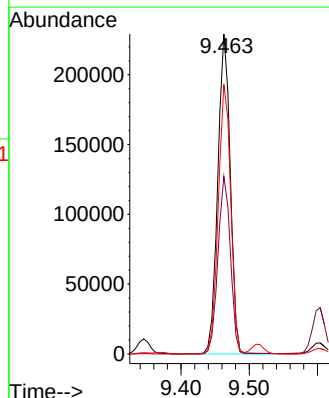
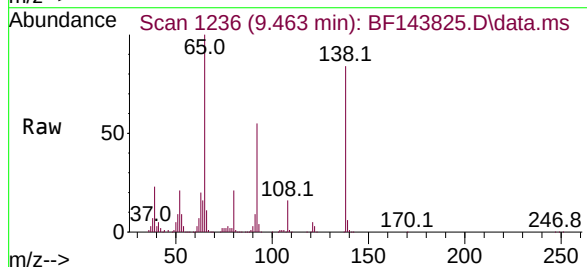
Tgt Ion: 65 Resp: 290447

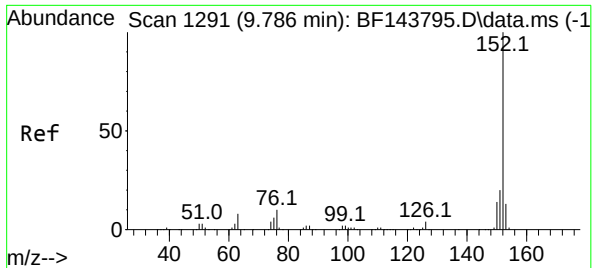
Ion Ratio Lower Upper

65 100

92 55.4 44.9 67.3

138 84.2 69.0 103.4





#49

Acenaphthylene

Concen: 54.238 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143825.D

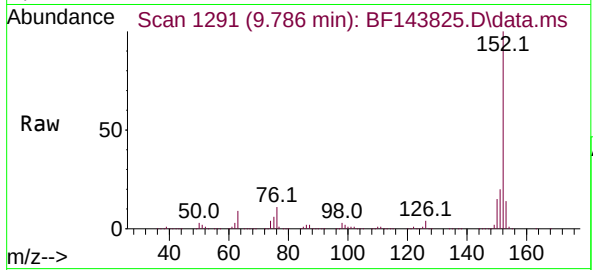
Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD



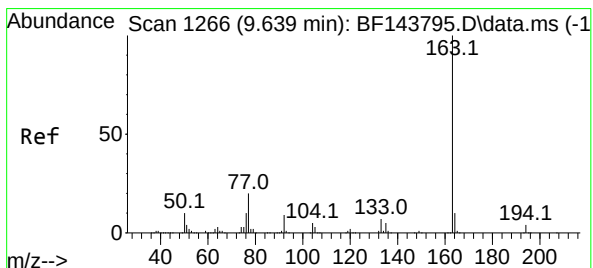
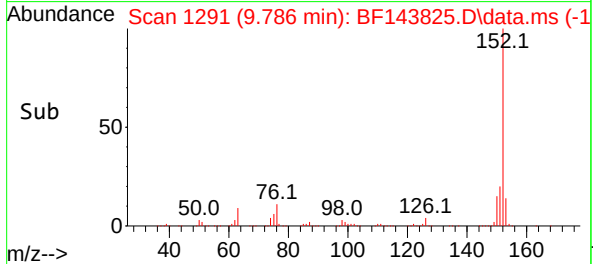
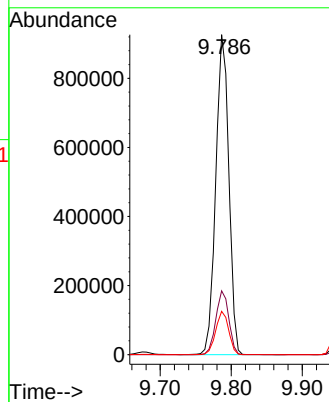
Tgt Ion:152 Resp: 1185730

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.5 10.6 15.8



#50

Dimethylphthalate

Concen: 51.236 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

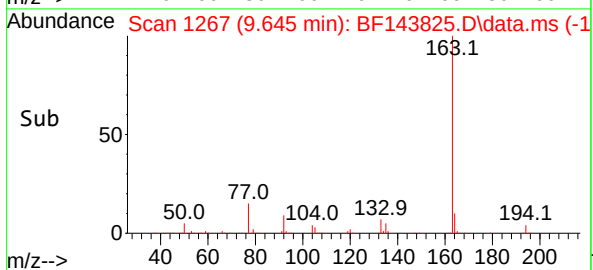
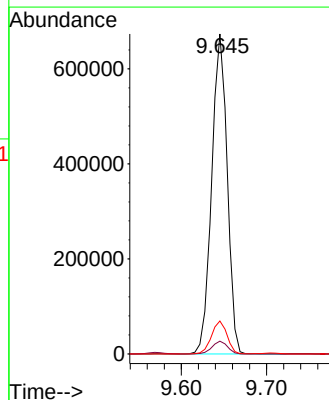
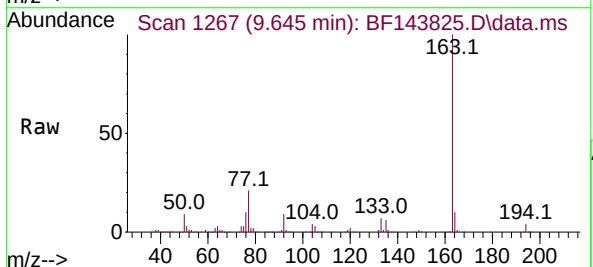
Tgt Ion:163 Resp: 851089

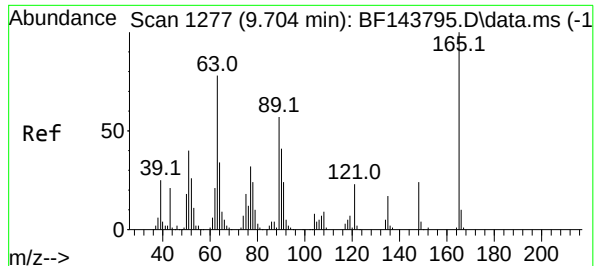
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.2

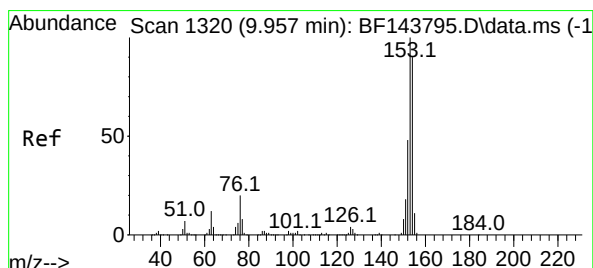
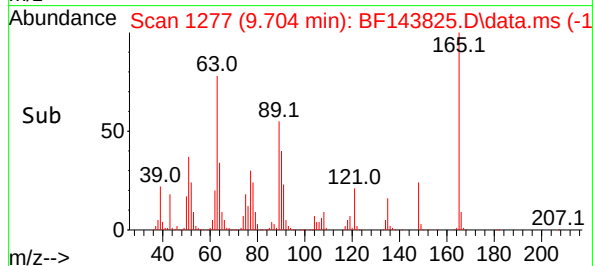
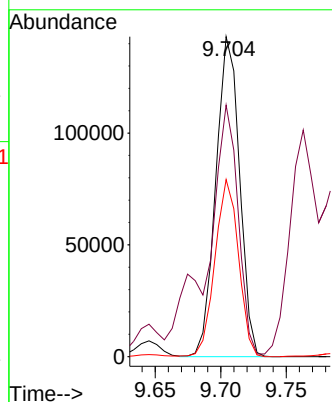
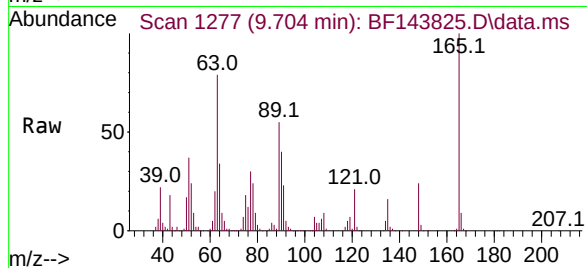




#51
2,6-Dinitrotoluene
Concen: 66.129 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

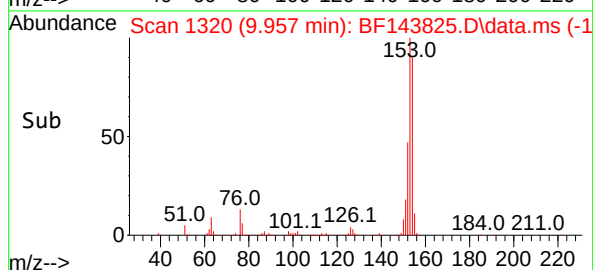
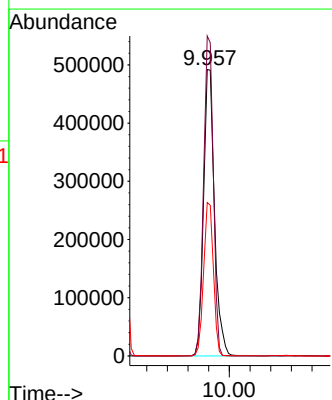
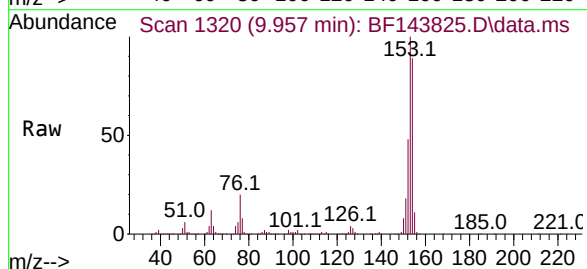
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

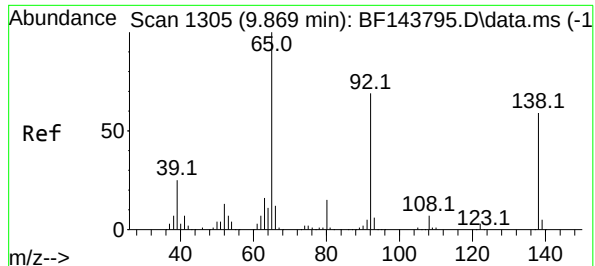
Tgt Ion:165 Resp: 180480
Ion Ratio Lower Upper
165 100
63 78.6 62.6 94.0
89 55.3 45.2 67.8



#52
Acenaphthene
Concen: 50.209 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:154 Resp: 722321
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 53.6 42.7 64.1





#53

3-Nitroaniline

Concen: 46.861 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

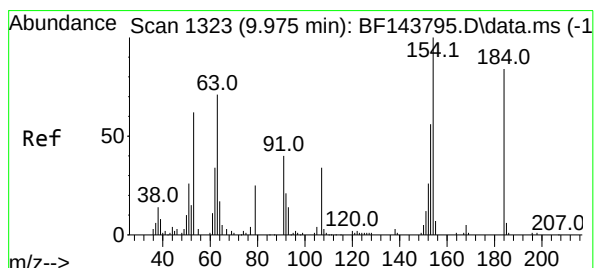
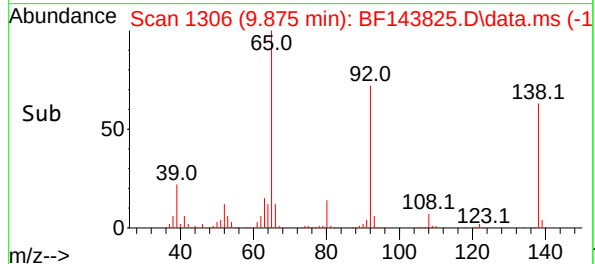
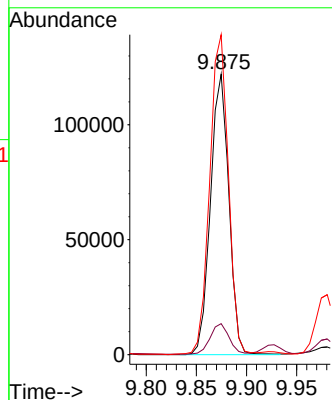
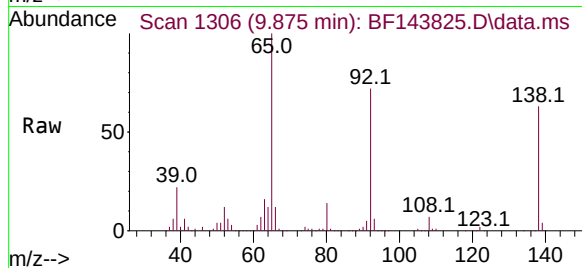
Tgt Ion:138 Resp: 155024

Ion Ratio Lower Upper

138 100

108 11.1 9.9 14.9

92 114.1 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 100.192 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.005 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

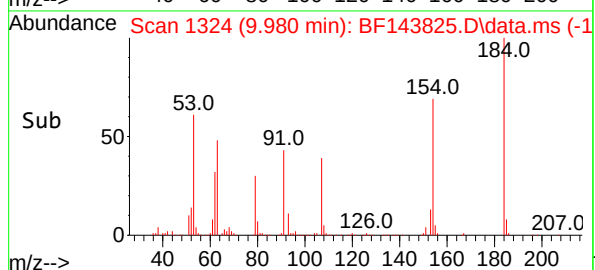
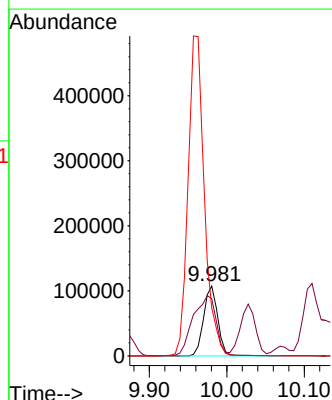
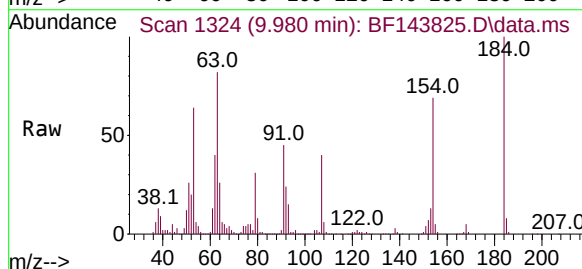
Tgt Ion:184 Resp: 135553

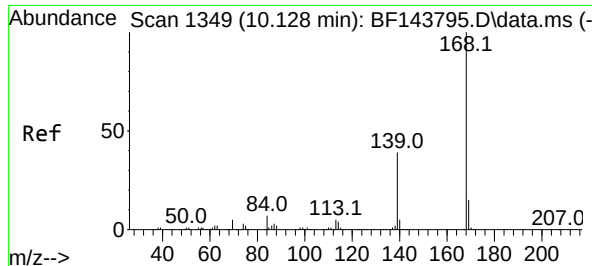
Ion Ratio Lower Upper

184 100

63 82.0 84.6 127.0#

154 69.0 199.3 298.9#





#55

Dibenzenofuran

Concen: 48.882 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

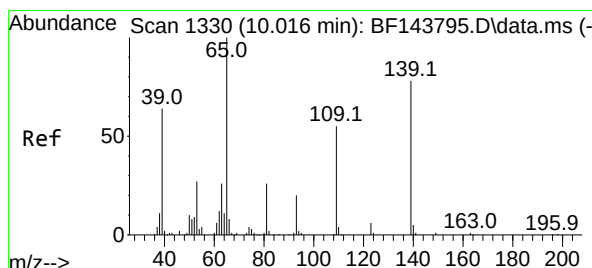
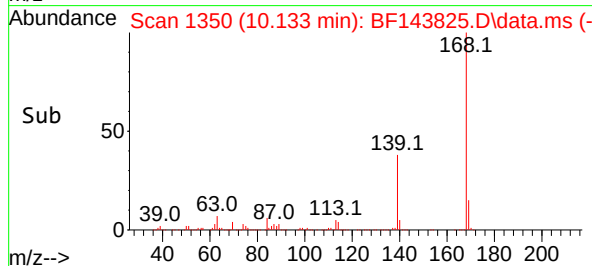
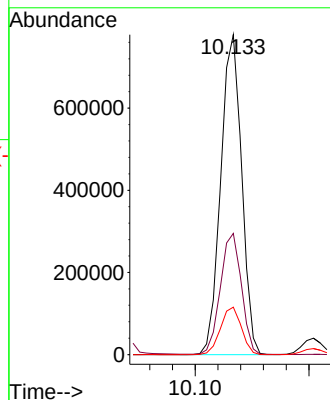
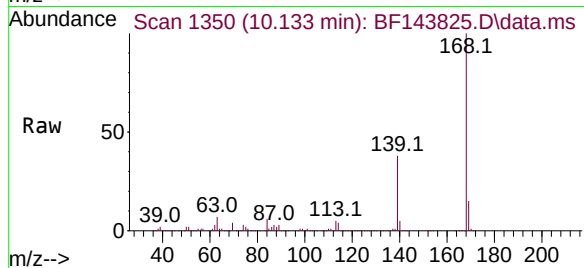
Tgt Ion:168 Resp: 994418

Ion Ratio Lower Upper

168 100

139 37.9 31.0 46.6

169 14.8 11.9 17.9



#56

4-Nitrophenol

Concen: 109.767 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

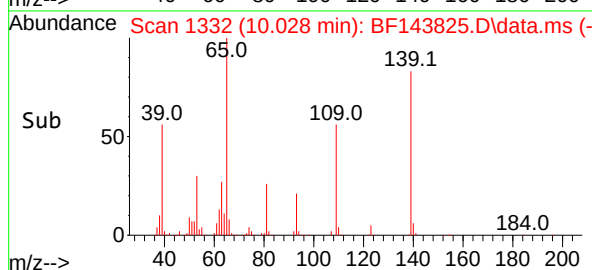
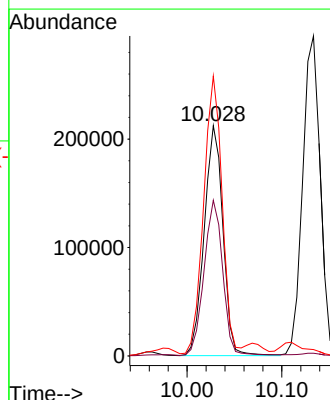
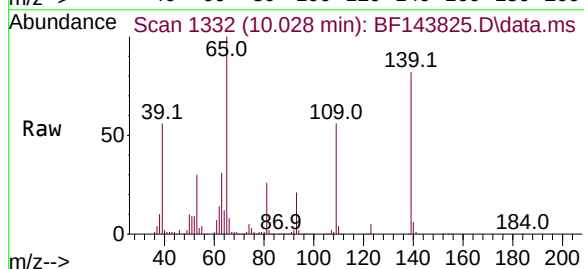
Tgt Ion:139 Resp: 292618

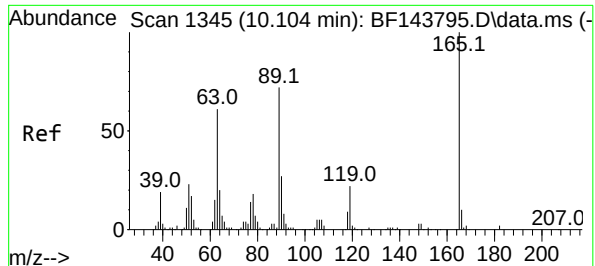
Ion Ratio Lower Upper

139 100

109 67.7 50.2 90.2

65 121.6 109.2 149.2

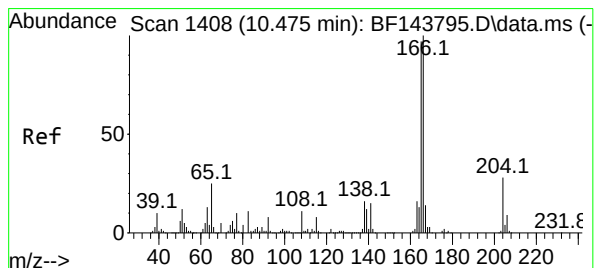
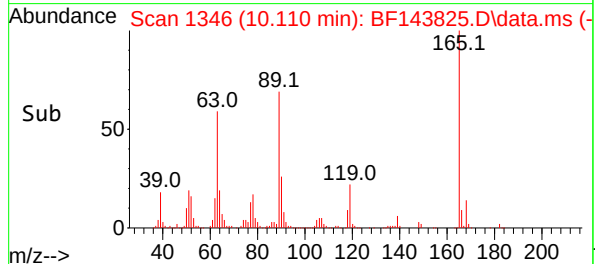
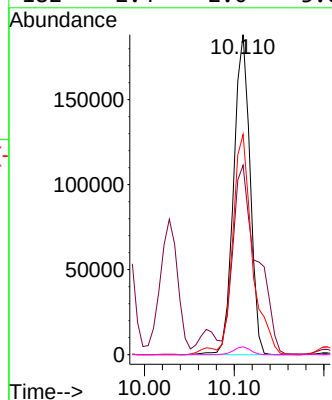
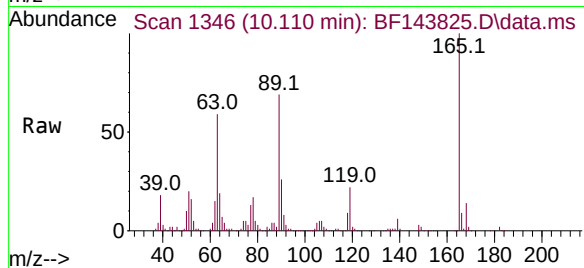




#57
2,4-Dinitrotoluene
Concen: 58.262 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

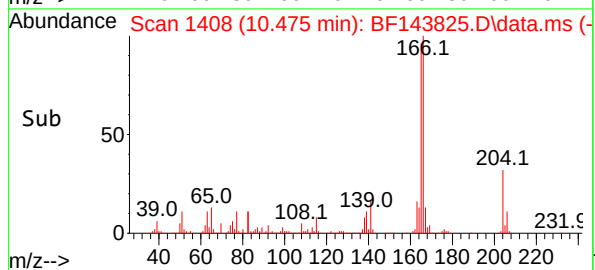
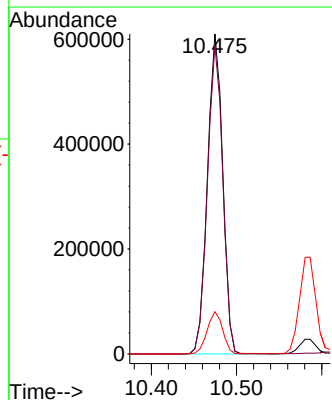
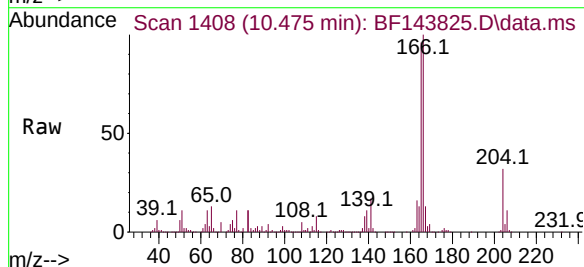
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

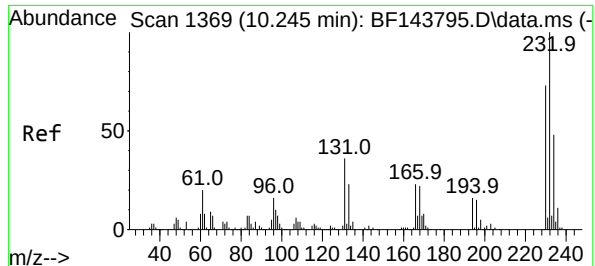
Tgt Ion:165 Resp: 238709
Ion Ratio Lower Upper
165 100
63 59.2 48.9 73.3
89 68.8 57.5 86.3
182 2.4 2.0 3.0



#58
Fluorene
Concen: 50.315 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:166 Resp: 760943
Ion Ratio Lower Upper
166 100
165 96.2 78.0 117.0
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.925 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

Tgt Ion:232 Resp: 276540

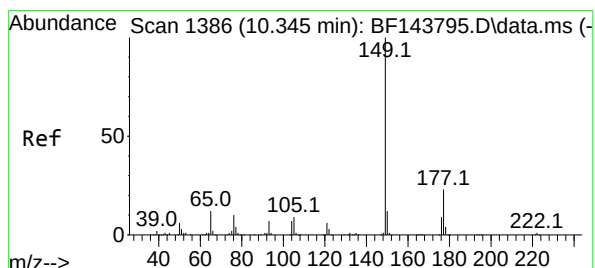
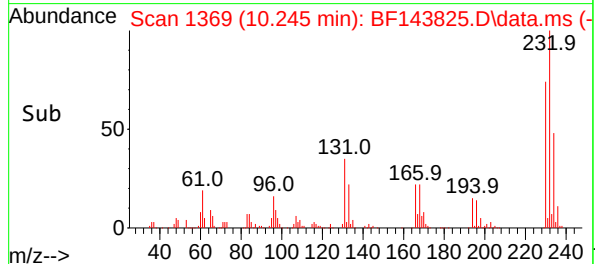
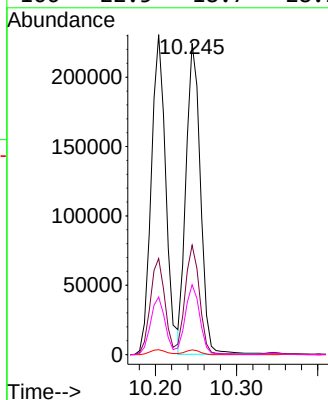
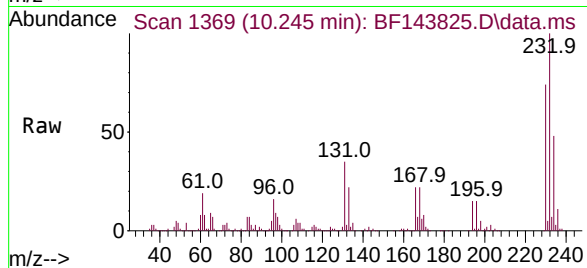
Ion Ratio Lower Upper

232 100

131 35.2 29.4 44.2

130 1.5 1.3 1.9

166 22.5 18.7 28.1



#60

Diethylphthalate

Concen: 52.601 ng

RT: 10.345 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

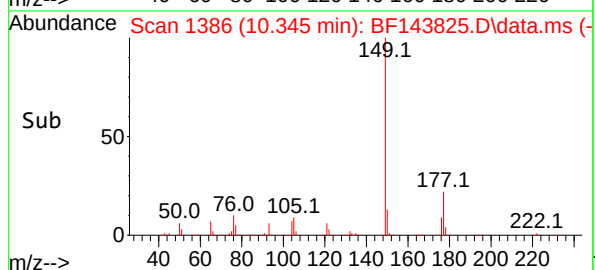
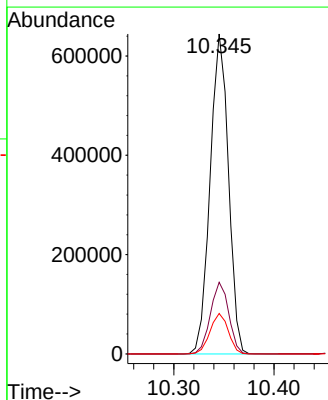
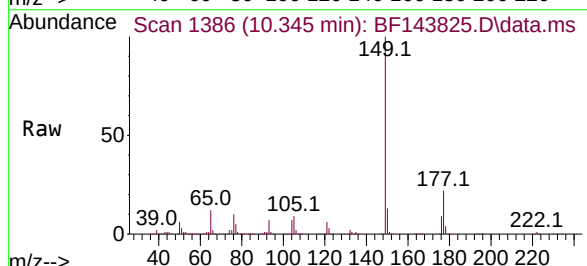
Tgt Ion:149 Resp: 817921

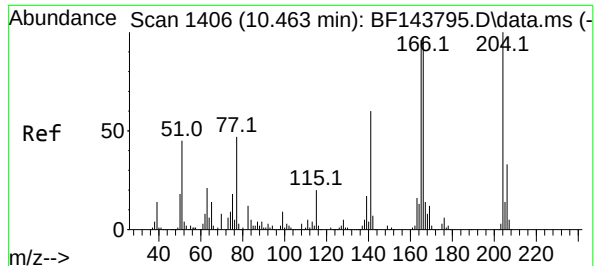
Ion Ratio Lower Upper

149 100

177 22.4 18.1 27.1

150 12.6 9.7 14.5

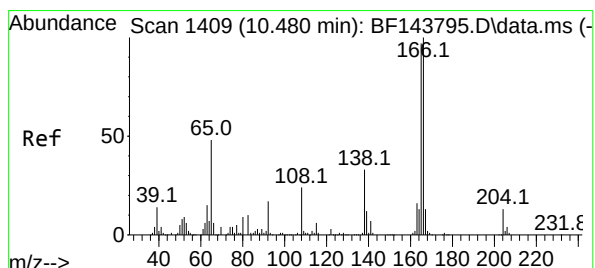
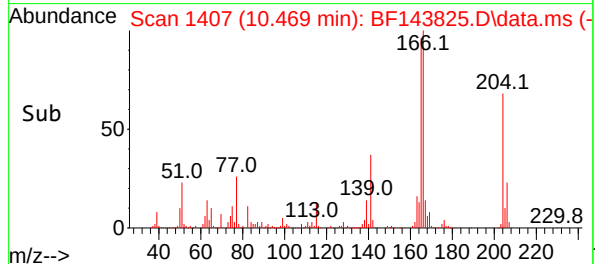
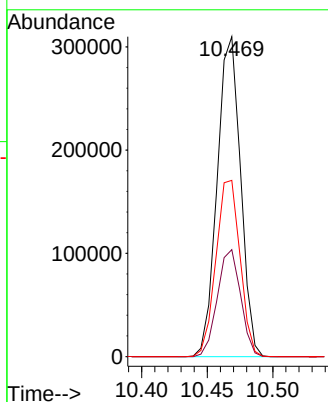
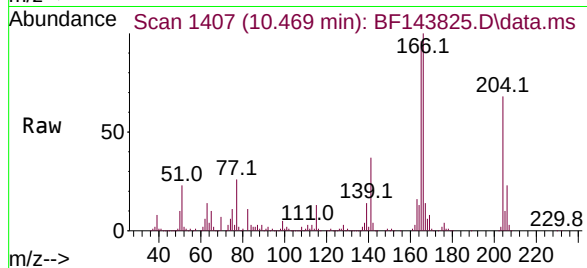




#61
4-Chlorophenyl-phenylether
Concen: 50.036 ng
RT: 10.469 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

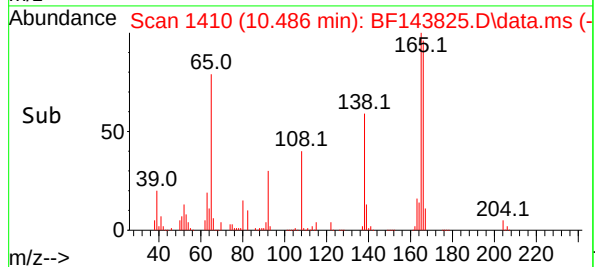
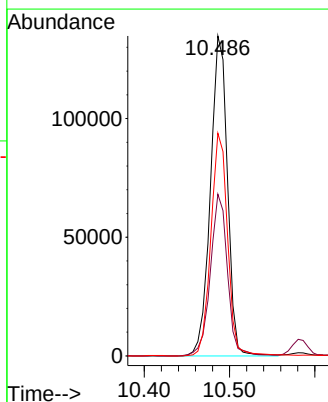
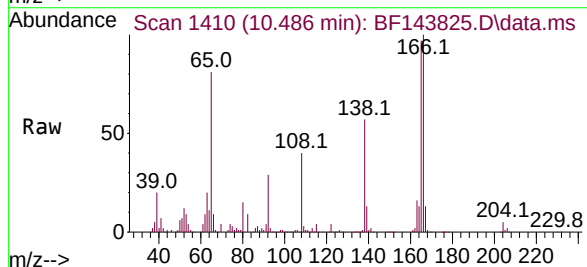
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

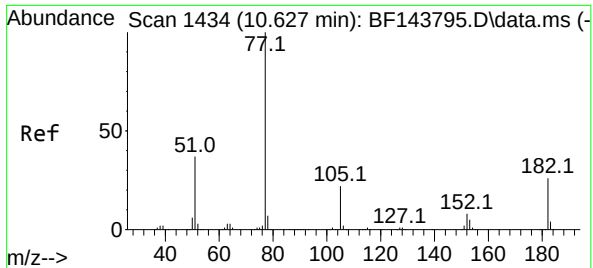
Tgt Ion:204 Resp: 385579
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 55.1 48.2 72.2



#62
4-Nitroaniline
Concen: 60.106 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:138 Resp: 186960
Ion Ratio Lower Upper
138 100
92 50.5 31.5 71.5
108 69.6 51.9 91.9

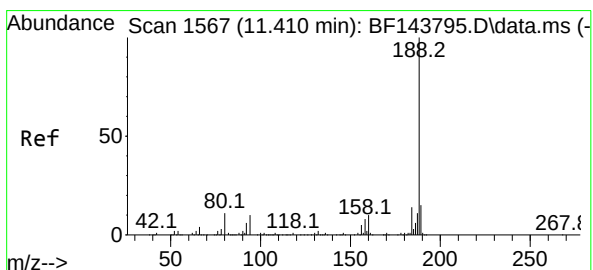
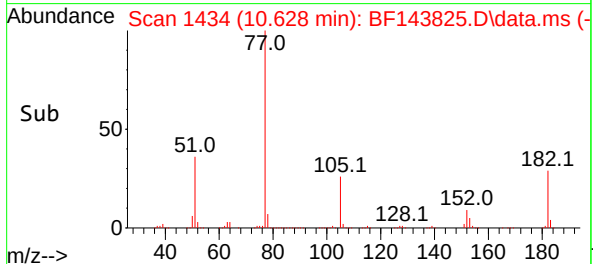
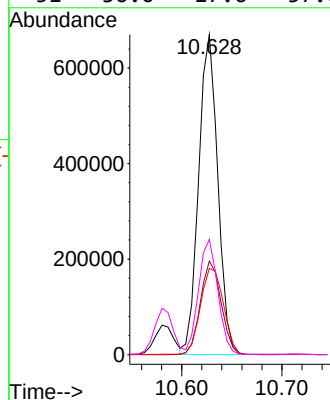
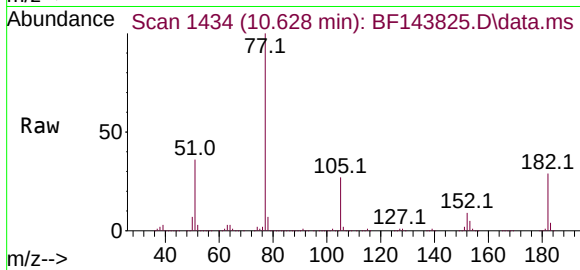




#63
Azobenzene
Concen: 54.005 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

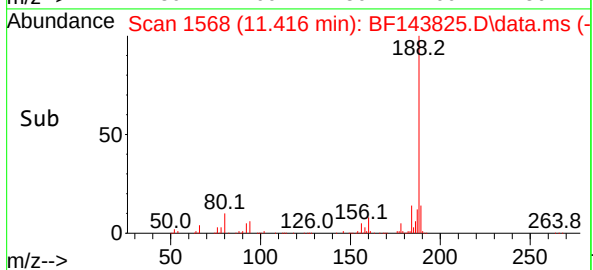
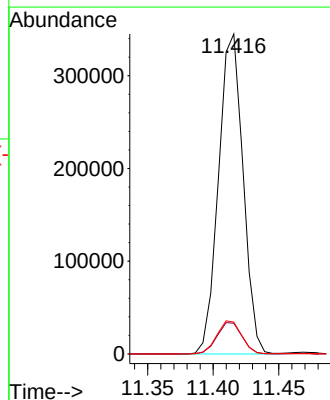
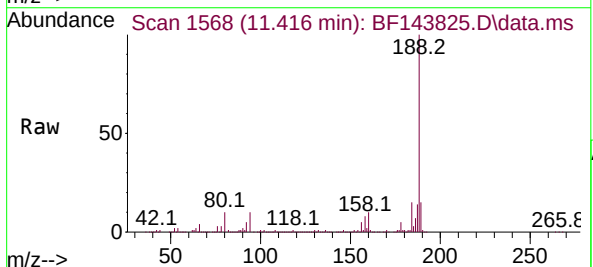
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

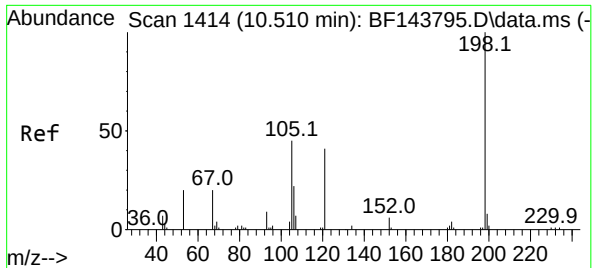
Tgt Ion: 77 Resp: 885020
Ion Ratio Lower Upper
77 100
182 29.2 5.9 45.9
105 26.9 2.3 42.3
51 36.0 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 188 Resp: 450489
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 9.9 8.6 12.8

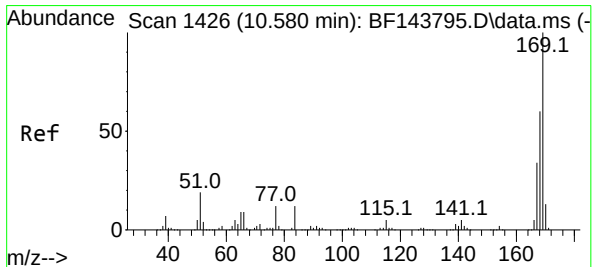
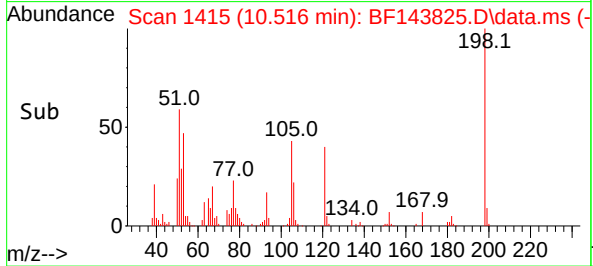
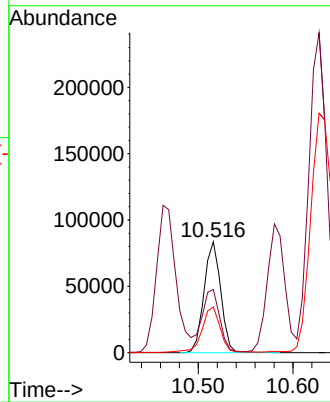
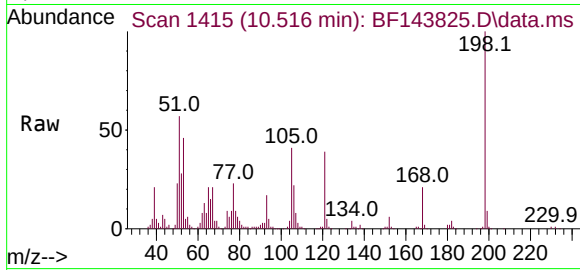




#65
4,6-Dinitro-2-methylphenol
Concen: 58.424 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

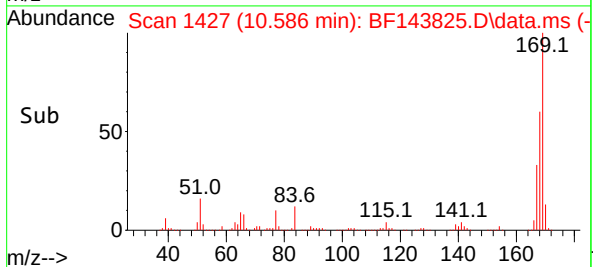
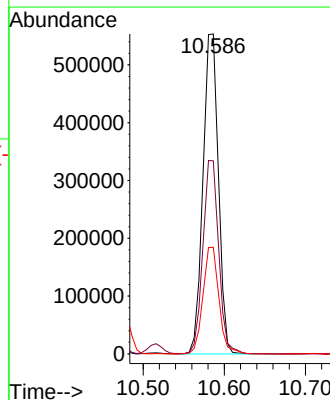
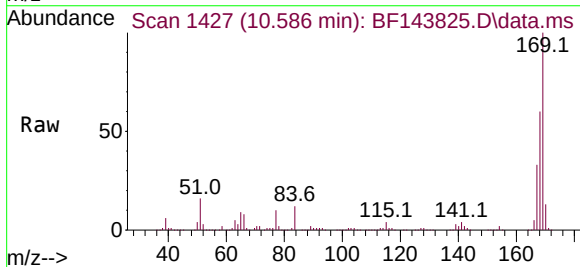
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

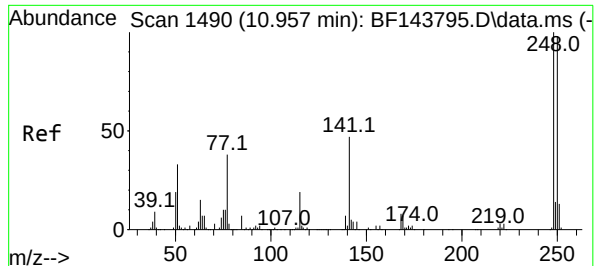
Tgt Ion:198 Resp: 102433
Ion Ratio Lower Upper
198 100
51 57.0 52.0 92.0
105 41.2 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 49.441 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:169 Resp: 732480
Ion Ratio Lower Upper
169 100
168 60.3 47.9 71.9
167 33.3 27.0 40.6

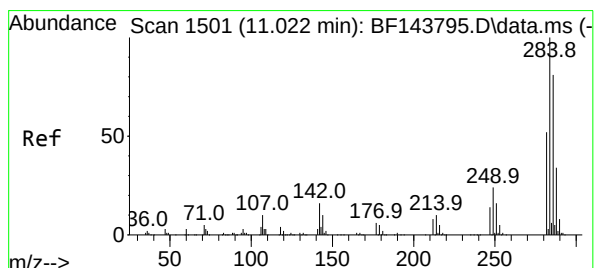
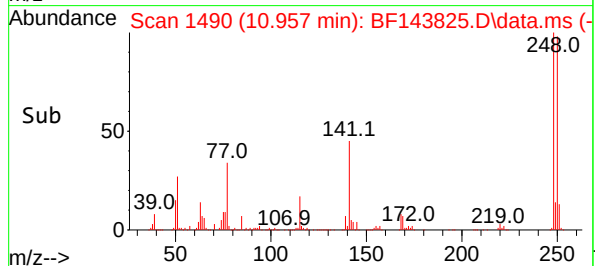
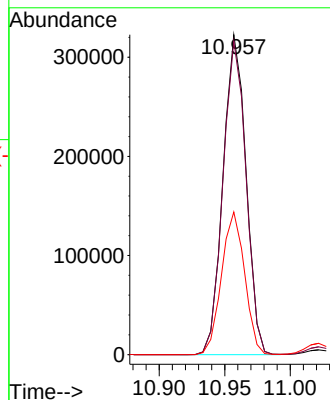
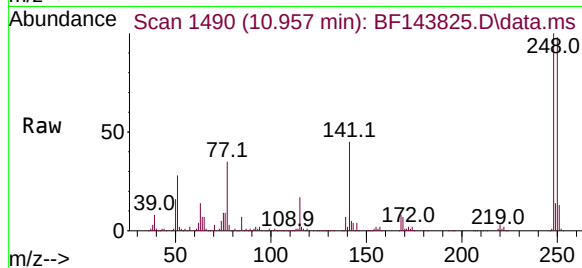




#67
4-Bromophenyl-phenylether
Concen: 51.268 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

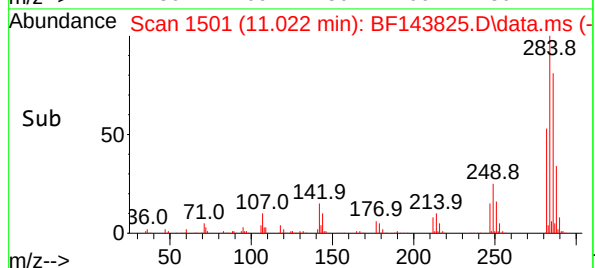
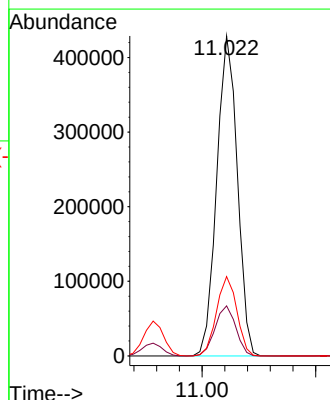
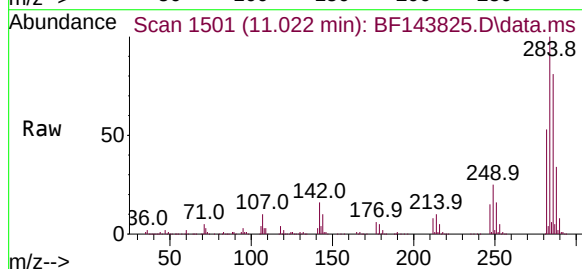
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

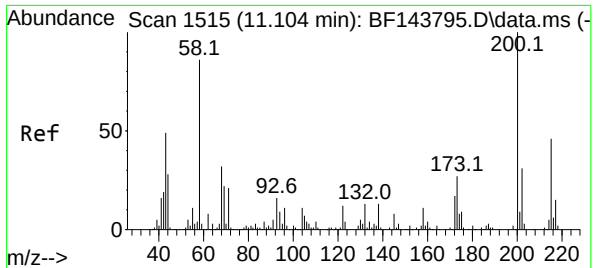
Tgt Ion:248 Resp: 393589
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 44.6 37.9 56.9



#68
Hexachlorobenzene
Concen: 50.890 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:284 Resp: 538402
Ion Ratio Lower Upper
284 100
142 15.6 13.1 19.7
249 24.8 19.5 29.3





#69

Atrazine

Concen: 54.291 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

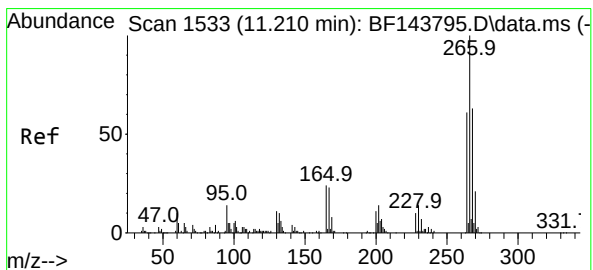
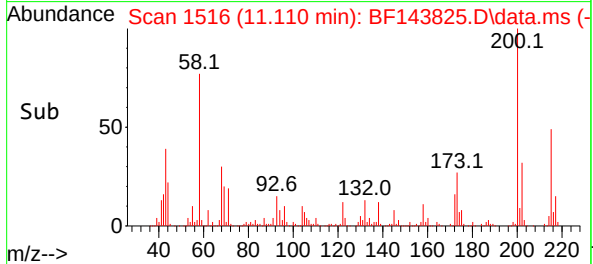
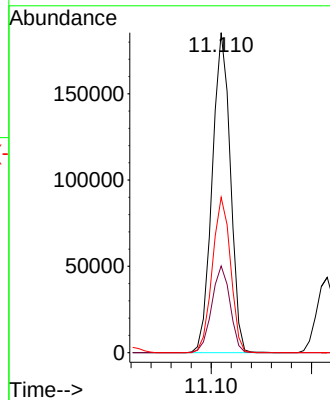
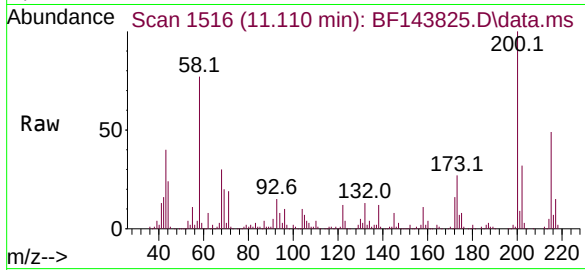
Tgt Ion:200 Resp: 232920

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

215 48.5 26.0 66.0



#70

Pentachlorophenol

Concen: 106.897 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

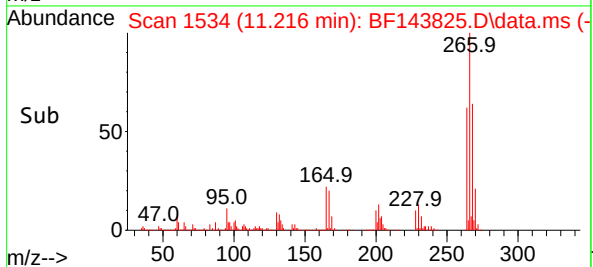
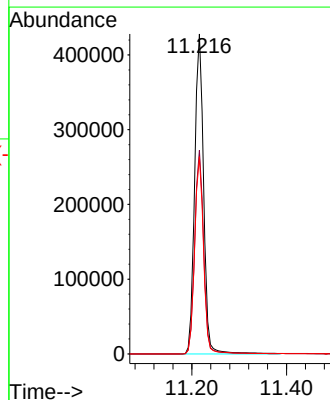
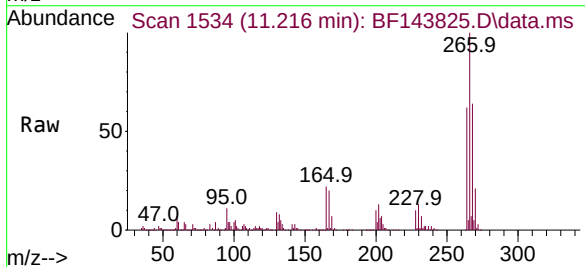
Tgt Ion:266 Resp: 562958

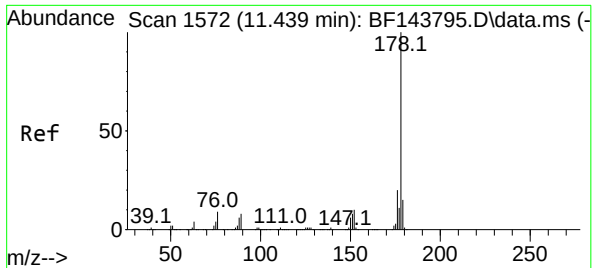
Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

264 61.6 48.8 73.2





#71

Phenanthrene

Concen: 50.951 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

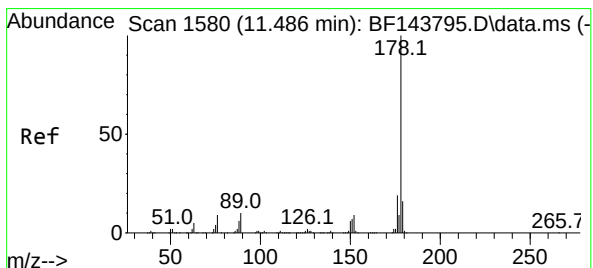
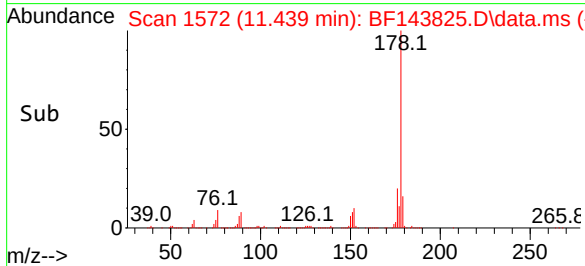
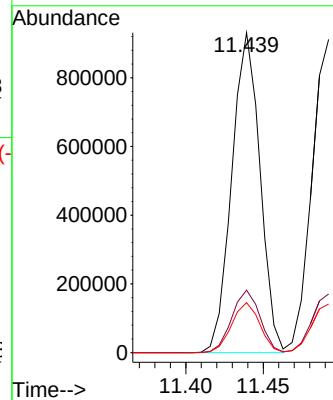
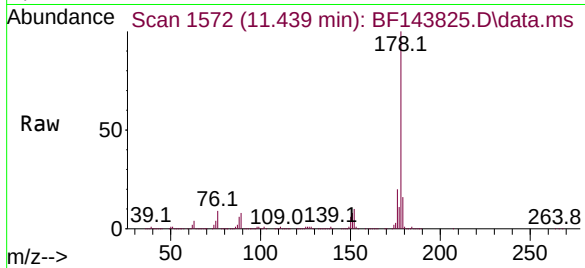
Tgt Ion:178 Resp: 1178387

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.2 18.4



#72

Anthracene

Concen: 50.397 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

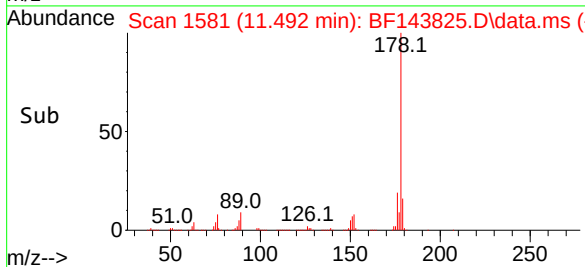
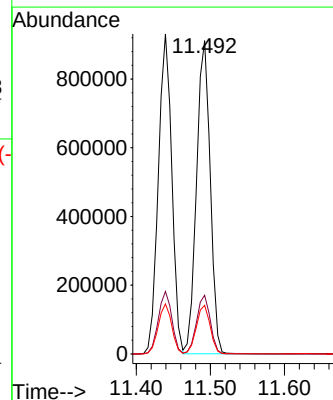
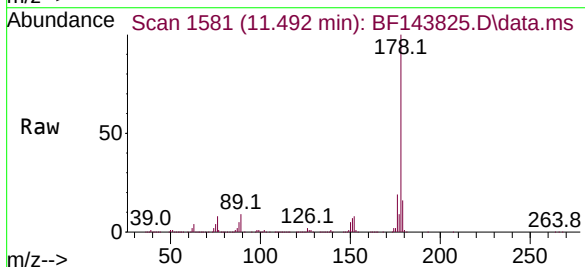
Tgt Ion:178 Resp: 1169171

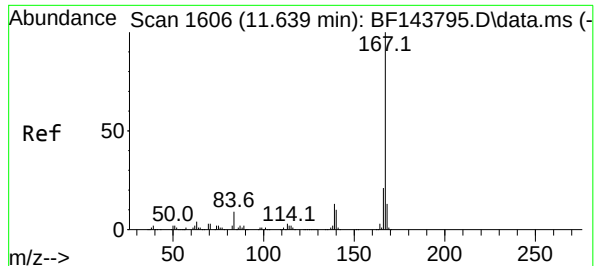
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 15.5 12.8 19.2





#73

Carbazole

Concen: 49.266 ng

RT: 11.645 min Scan# 1606

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

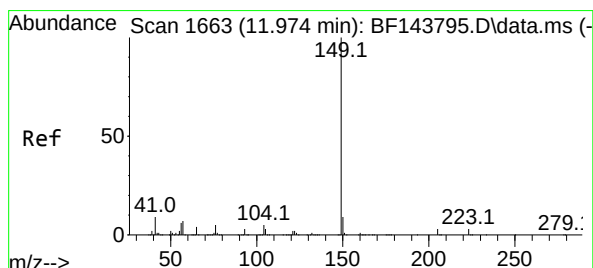
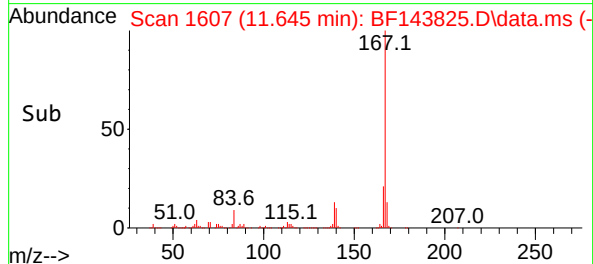
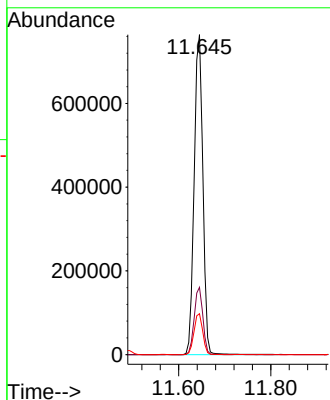
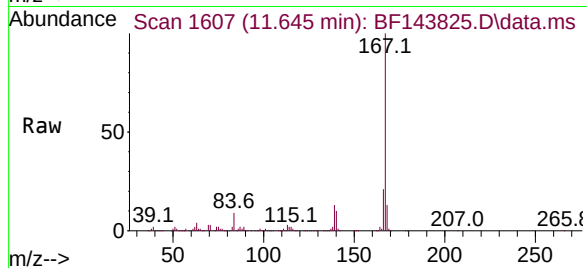
Tgt Ion:167 Resp: 999286

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 50.606 ng

RT: 11.975 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

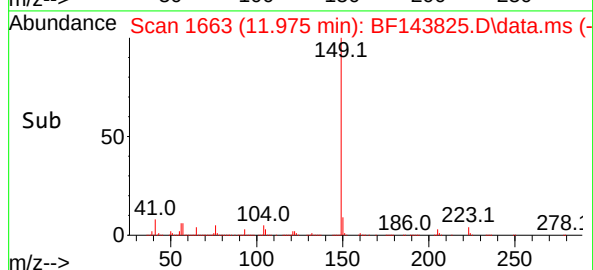
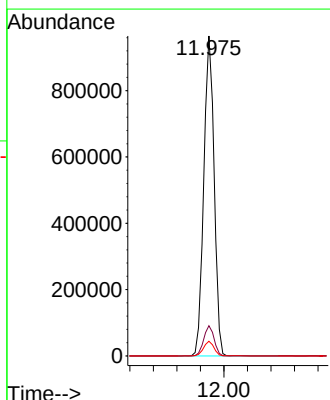
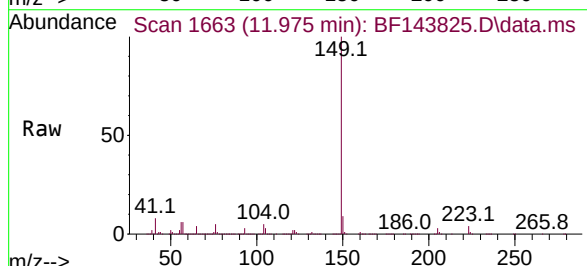
Tgt Ion:149 Resp: 1180532

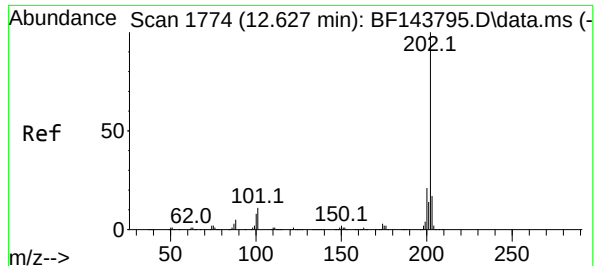
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 50.510 ng

RT: 12.627 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

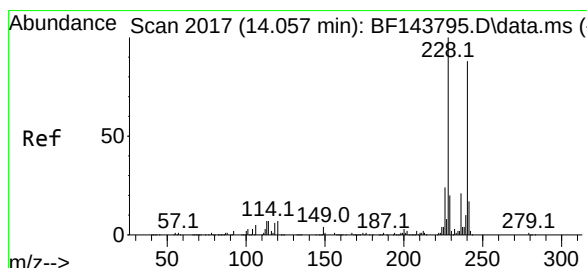
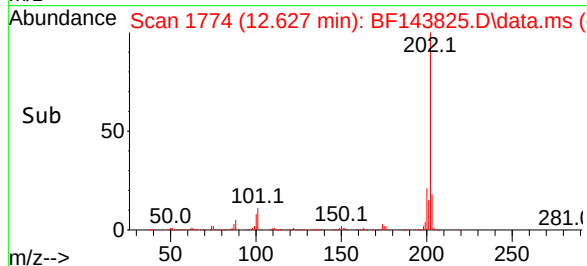
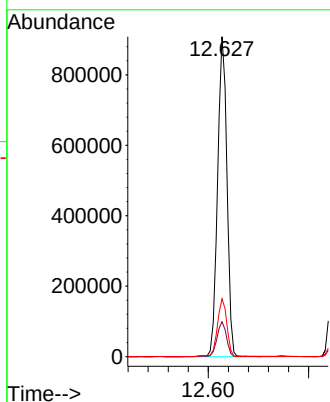
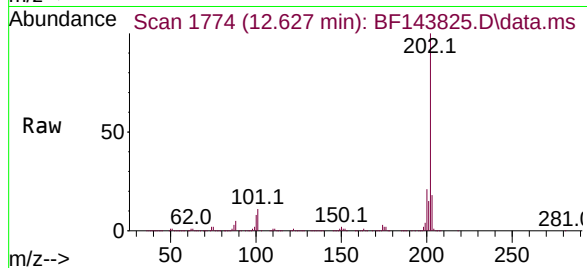
Tgt Ion:202 Resp: 1174934

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.1

203 18.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

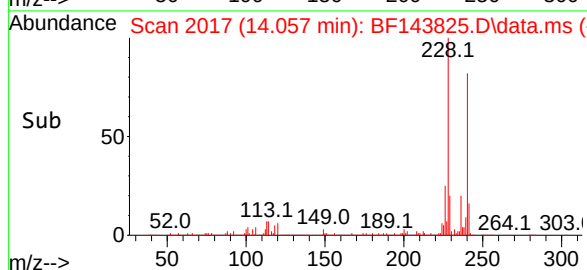
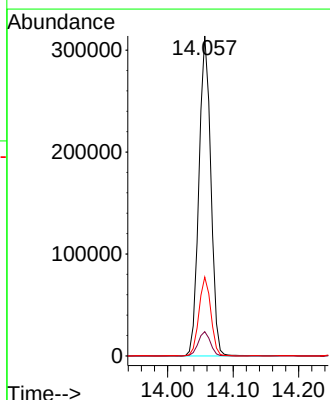
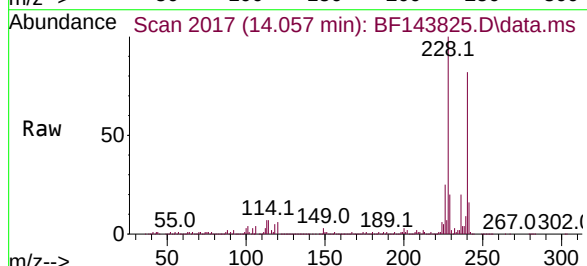
Tgt Ion:240 Resp: 392846

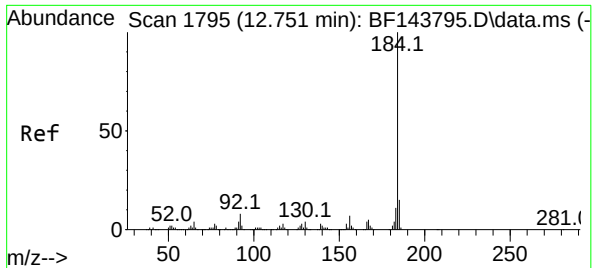
Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 24.6 19.4 29.2





#77

Benzidine

Concen: 52.202 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

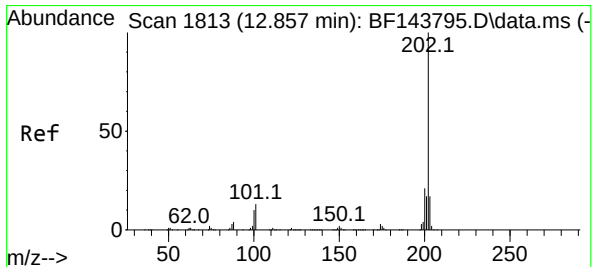
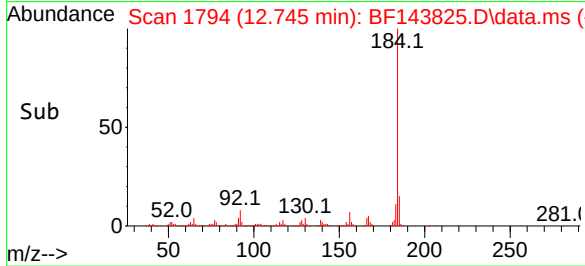
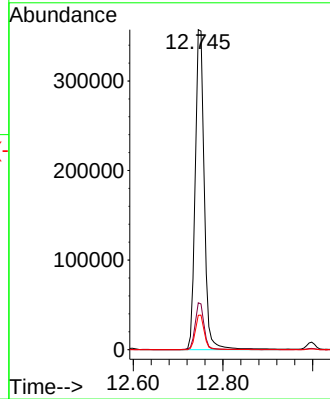
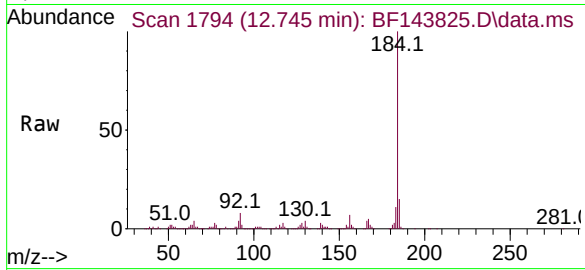
Tgt Ion:184 Resp: 499719

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

183 10.7 8.6 13.0



#78

Pyrene

Concen: 60.150 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

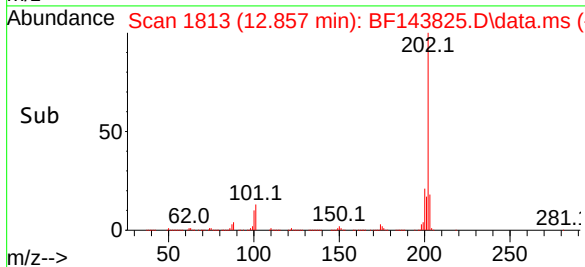
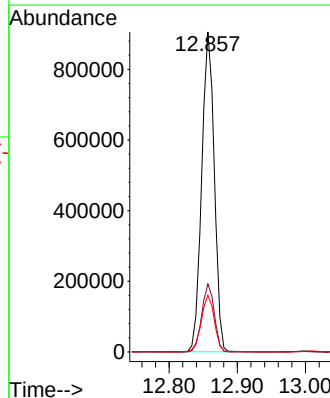
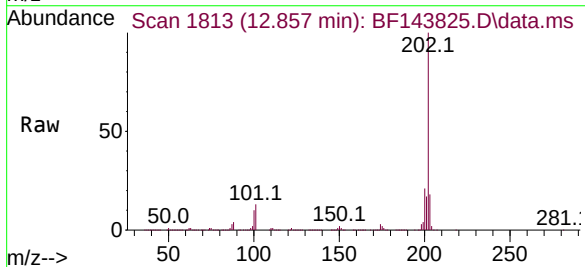
Tgt Ion:202 Resp: 1161743

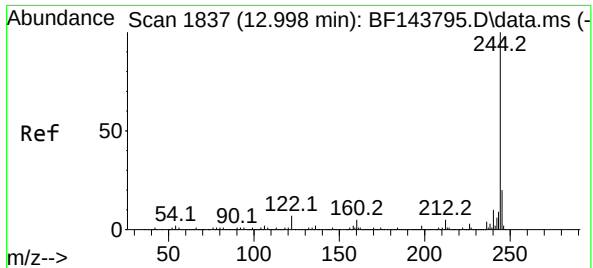
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 62.615 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

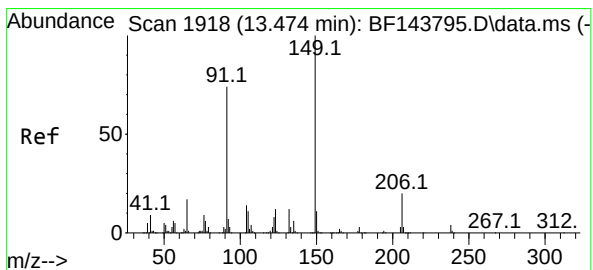
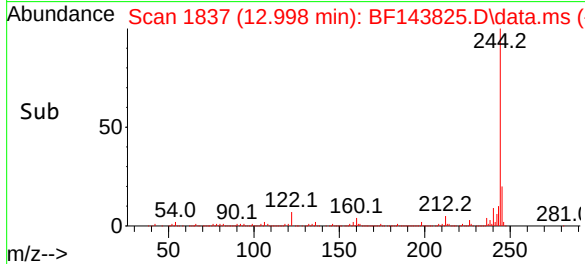
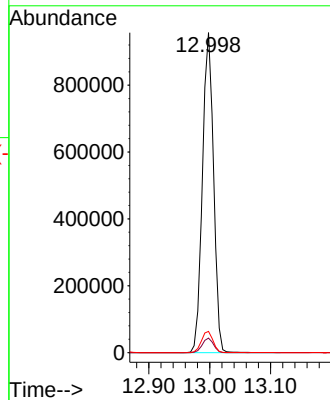
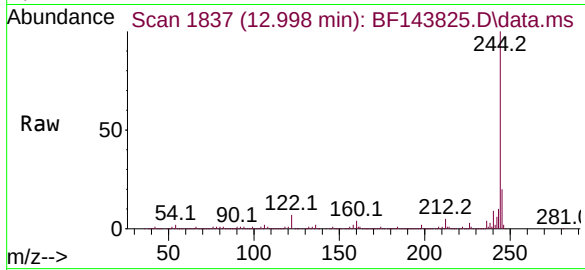
Tgt Ion:244 Resp: 1209493

Ion Ratio Lower Upper

244 100

212 4.5 3.9 5.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 57.265 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

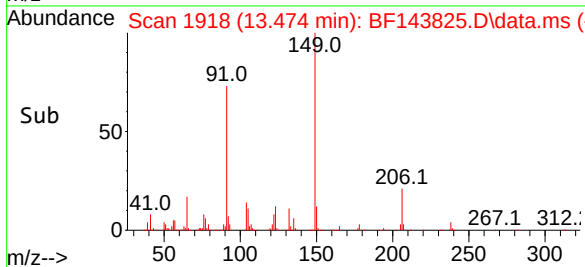
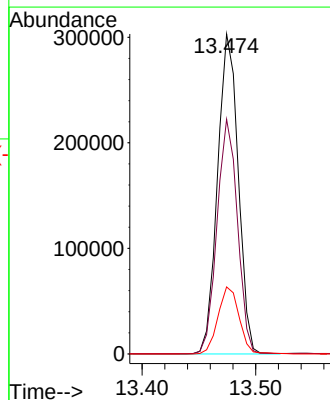
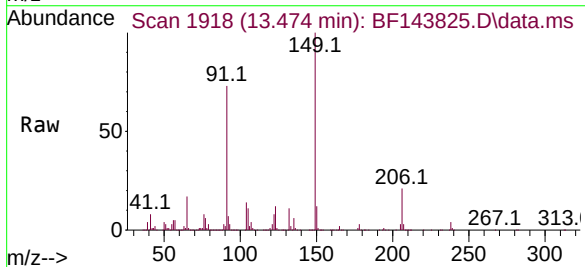
Tgt Ion:149 Resp: 382648

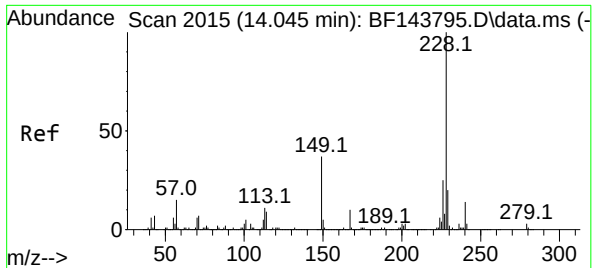
Ion Ratio Lower Upper

149 100

91 73.3 59.5 89.3

206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 51.350 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

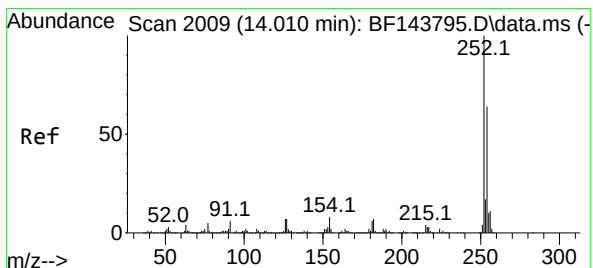
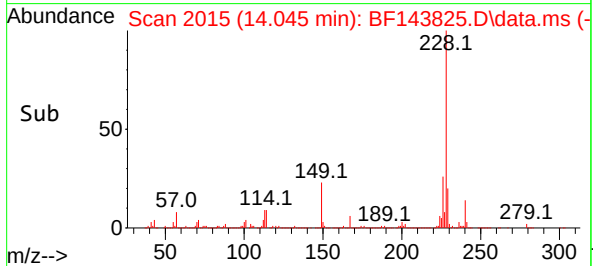
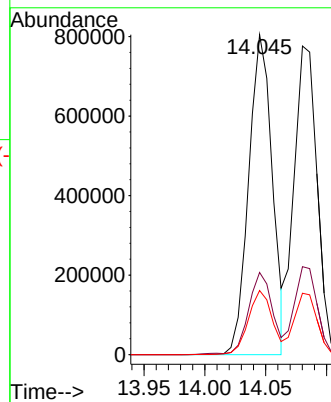
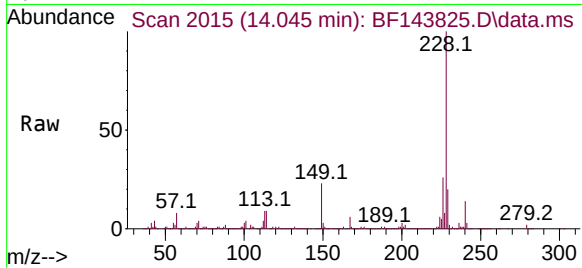
Tgt Ion:228 Resp: 1083717

Ion Ratio Lower Upper

228 100

226 25.7 20.2 30.2

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 39.455 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

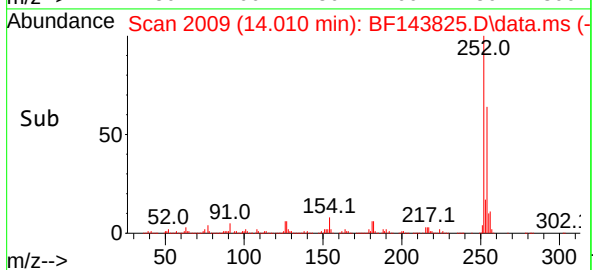
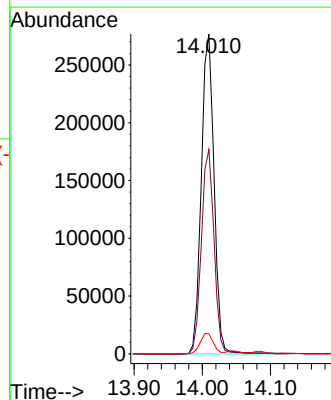
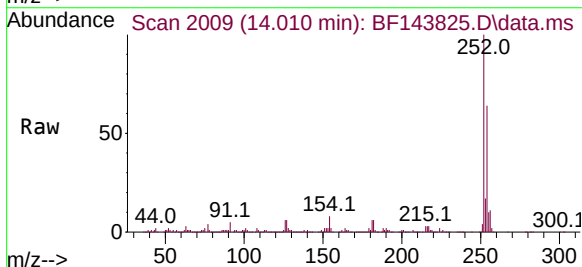
Tgt Ion:252 Resp: 360730

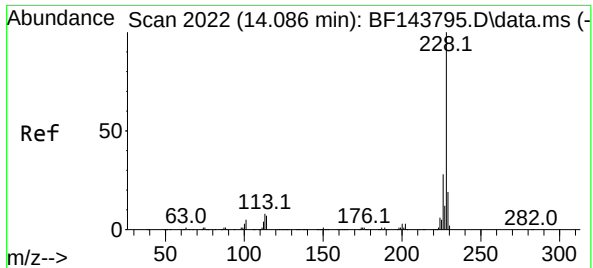
Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

126 6.3 5.4 8.2

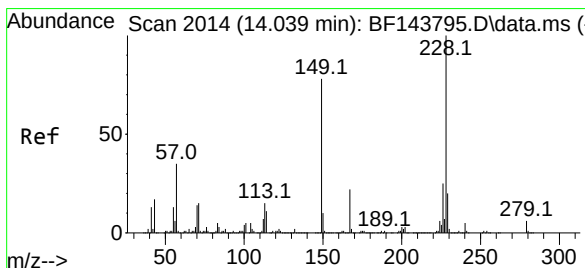
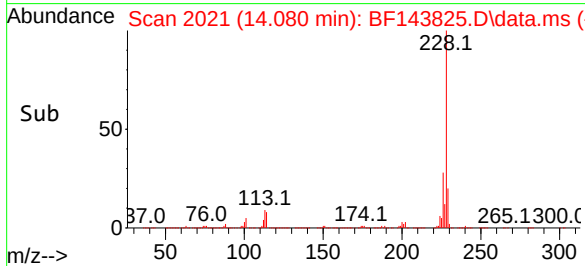
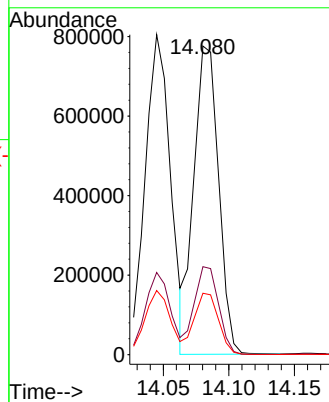
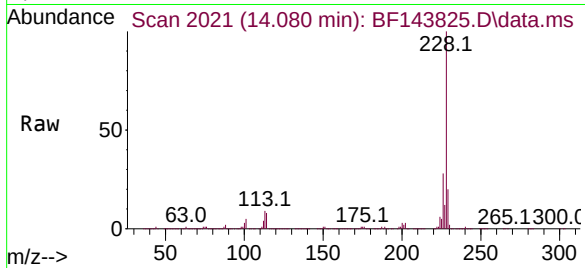




#83
Chrysene
Concen: 53.384 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

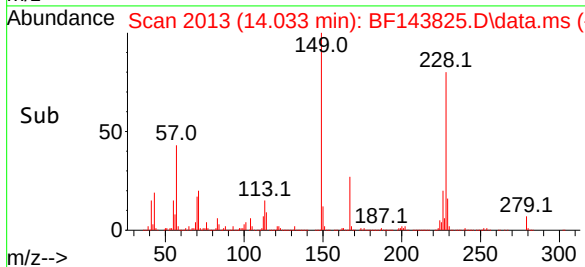
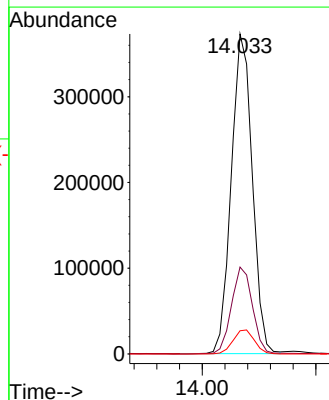
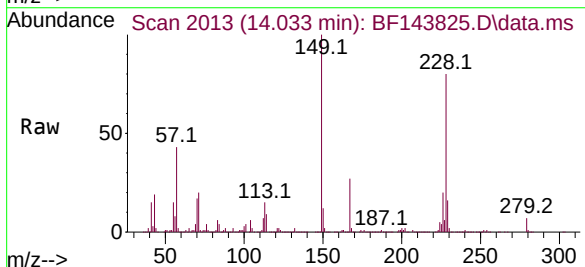
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

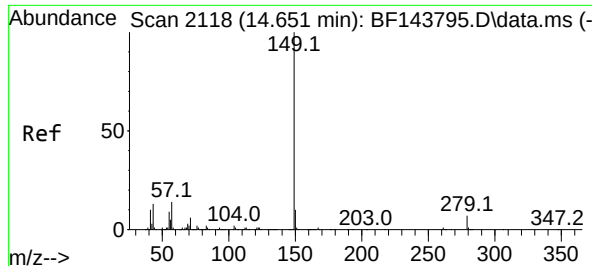
Tgt Ion:228 Resp: 1019454
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.895 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:149 Resp: 478905
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 7.2 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 43.994 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

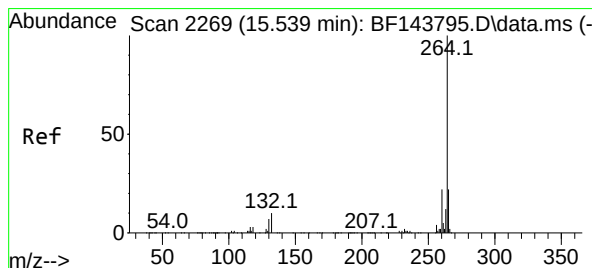
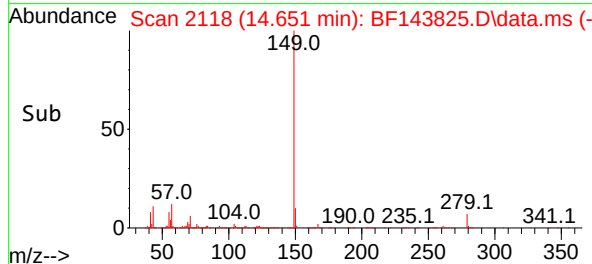
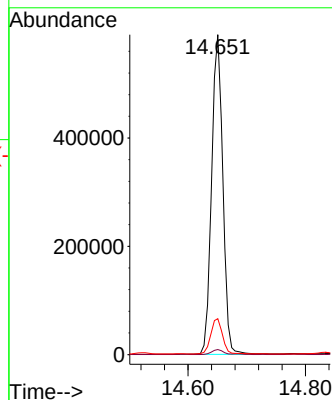
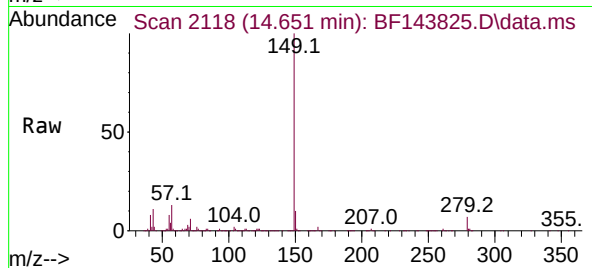
Tgt Ion:149 Resp: 781615

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.5 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

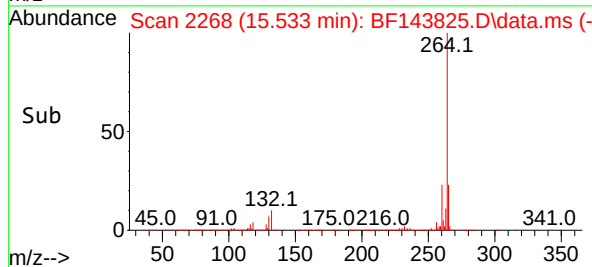
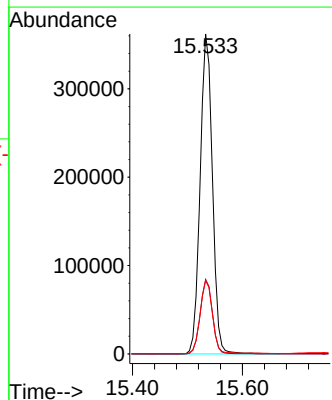
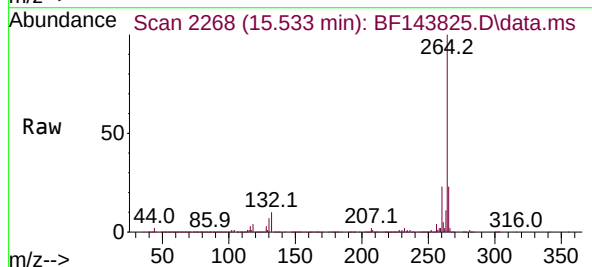
Tgt Ion:264 Resp: 560812

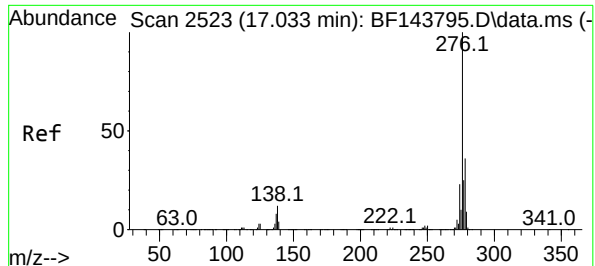
Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 22.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.989 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

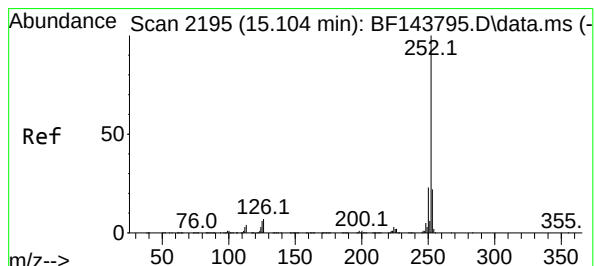
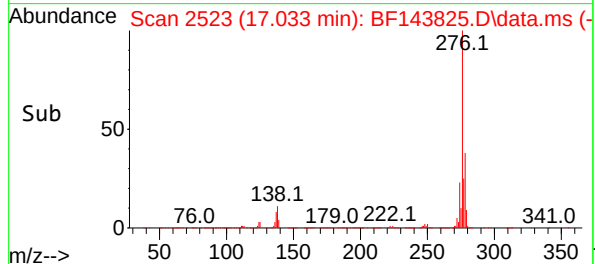
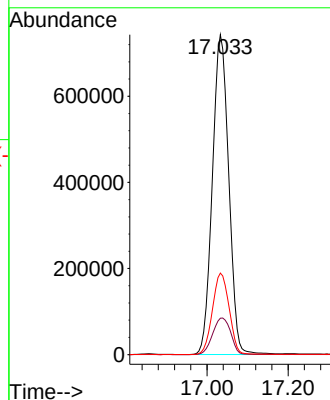
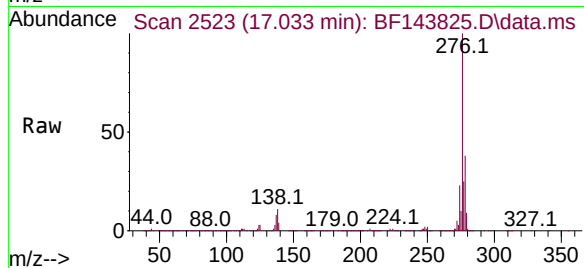
Tgt Ion:276 Resp: 2084542

Ion Ratio Lower Upper

276 100

138 12.7 10.6 15.8

277 26.0 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 54.163 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

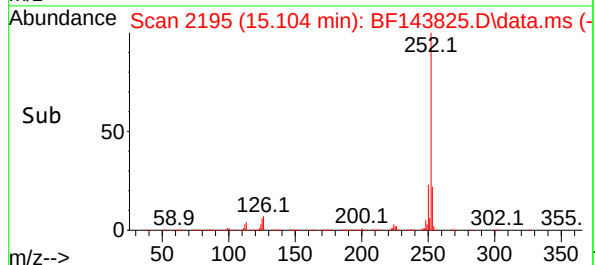
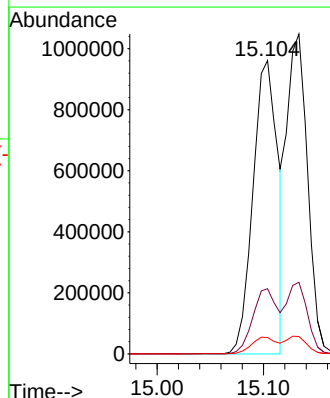
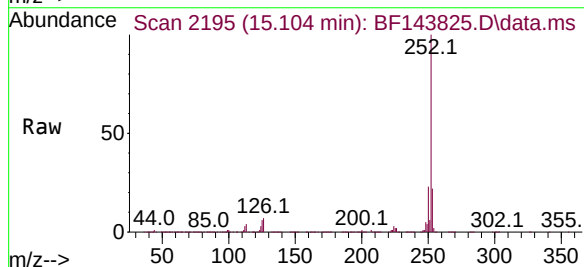
Tgt Ion:252 Resp: 1546844

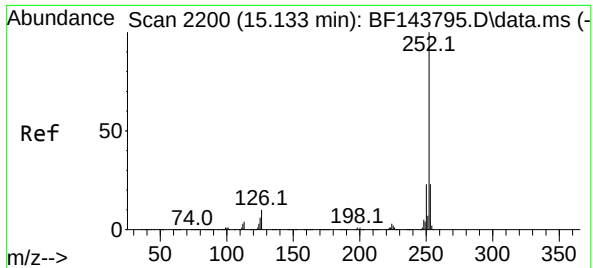
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 49.284 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

Instrument :

BNA_F

ClientSampleId :

WALL-PROBE-BRICK-1MSD

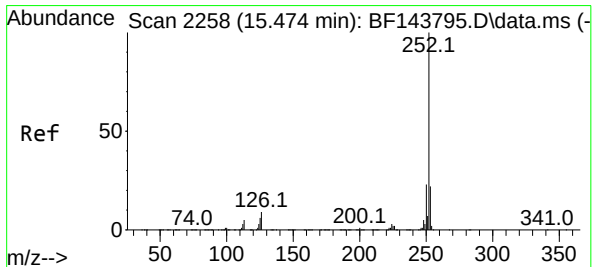
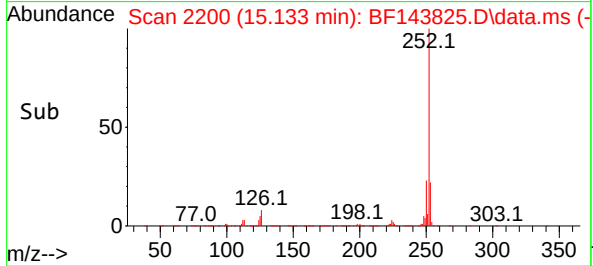
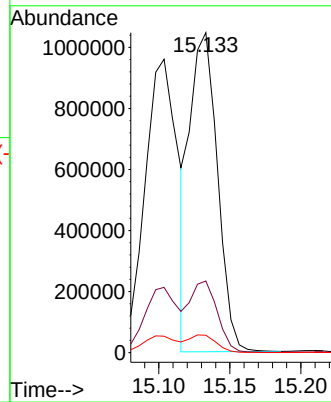
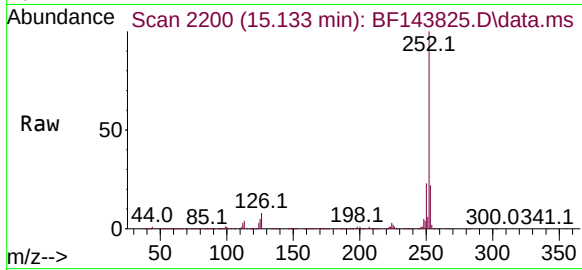
Tgt Ion:252 Resp: 1414086

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

125 5.4 4.6 6.8



#90

Benzo(a)pyrene

Concen: 54.257 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143825.D

Acq: 29 Sep 2025 16:44

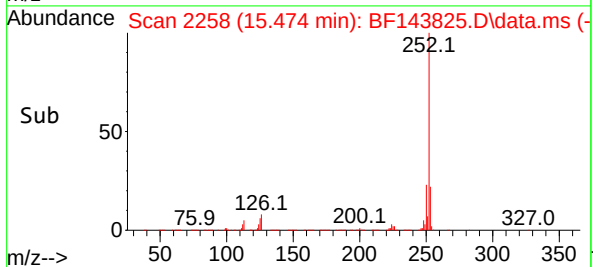
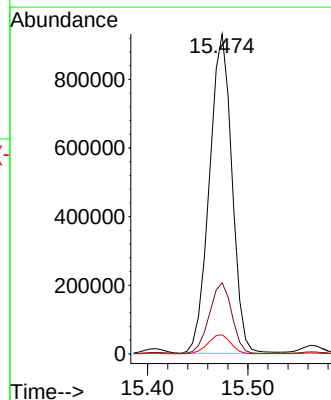
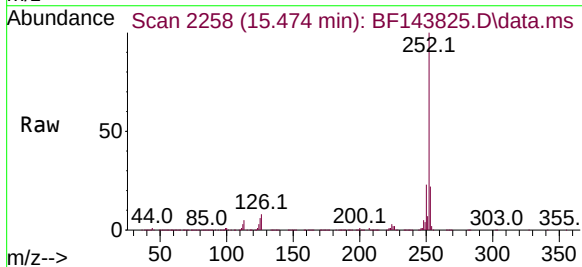
Tgt Ion:252 Resp: 1456549

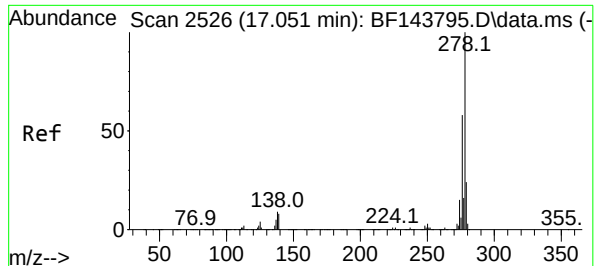
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 6.0 5.0 7.4

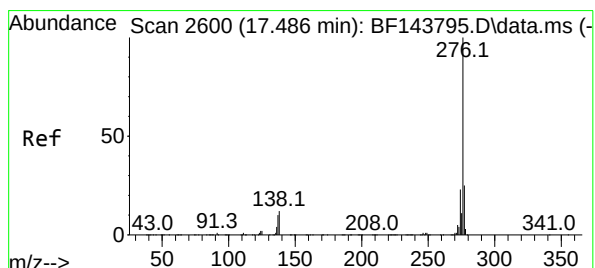
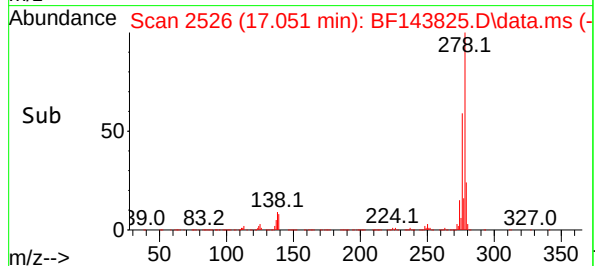
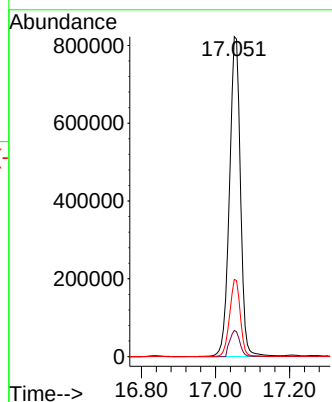
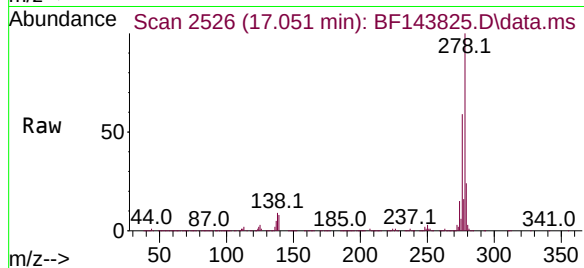




#91
Dibenzo(a,h)anthracene
Concen: 48.510 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

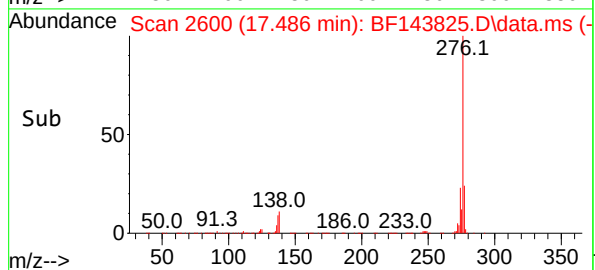
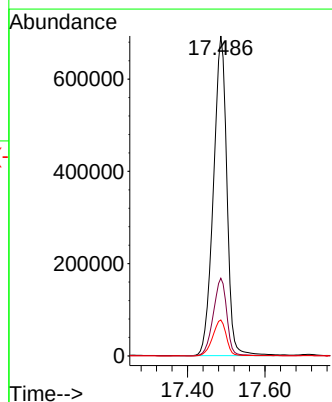
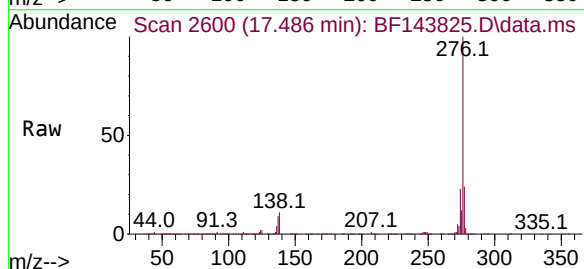
Instrument :
BNA_F
ClientSampleId :
WALL-PROBE-BRICK-1MSD

Tgt Ion:278 Resp: 1688279
Ion Ratio Lower Upper
278 100
139 8.2 6.7 10.1
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 49.813 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143825.D
Acq: 29 Sep 2025 16:44

Tgt Ion:276 Resp: 1671185
Ion Ratio Lower Upper
276 100
277 24.3 19.6 29.4
138 11.2 9.2 13.8



Manual Integration Report

Sequence:

BF092325

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143794.D	Phenol	Rahul	9/24/2025 8:52:43 AM	Jagrut	9/24/2025 9:38:18 AM	Peak Integrated by Software
SSTDICCC040	BF143795.D	Phenol	Rahul	9/24/2025 8:52:46 AM	Jagrut	9/24/2025 9:38:20 AM	Peak Integrated by Software
SSTDICC050	BF143796.D	Phenol	Rahul	9/24/2025 8:52:48 AM	Jagrut	9/24/2025 9:38:23 AM	Peak Integrated by Software
SSTDICC060	BF143797.D	Phenol	Rahul	9/24/2025 8:52:51 AM	Jagrut	9/24/2025 9:38:25 AM	Peak Integrated by Software
SSTDICC080	BF143798.D	Phenol	Rahul	9/24/2025 8:52:54 AM	Jagrut	9/24/2025 9:38:28 AM	Peak Integrated by Software
SSTDICV040	BF143799.D	Phenol	Rahul	9/24/2025 8:52:56 AM	Jagrut	9/24/2025 9:38:31 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BF092925

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169890BS	BF143822.D	Caprolactam	rahul	9/30/2025 8:40:18 AM	Jagrut	9/30/2025 11:09:14 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BG092525	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064442.D	1,2-Dichlorobenzene	Rahul	10/3/2025 3:41:38 PM	Jagrut	10/3/2025 3:42:47 PM	Peak Integrated by Software
SSTDICC020	BG064444.D	Benzoic acid	Rahul	10/3/2025 3:41:42 PM	Jagrut	10/3/2025 3:42:52 PM	Peak Integrated by Software
SSTDICC050	BG064446.D	Benzaldehyde	Rahul	10/3/2025 3:41:46 PM	Jagrut	10/3/2025 3:42:58 PM	Peak Integrated by Software
SSTDICC050	BG064446.D	Benzoic acid	Rahul	10/3/2025 3:41:46 PM	Jagrut	10/3/2025 3:42:58 PM	Peak Integrated by Software
SSTDICC080	BG064448.D	1,4-Dichlorobenzene	Rahul	10/3/2025 3:41:53 PM	Jagrut	10/3/2025 3:43:04 PM	Peak Integrated by Software
SSTDICC080	BG064448.D	Benzoic acid	Rahul	10/3/2025 3:41:53 PM	Jagrut	10/3/2025 3:43:04 PM	Peak Integrated by Software
SSTDICC010	BG064449.D	Benzoic acid	Rahul	10/3/2025 3:41:55 PM	Jagrut	10/3/2025 3:43:06 PM	Peak Integrated by Software
SSTDICCC040	BG064450.D	Benzoic acid	Rahul	10/3/2025 3:41:58 PM	Jagrut	10/3/2025 3:43:09 PM	Peak Integrated by Software
SSTDICC060	BG064451.D	Benzoic acid	Rahul	10/3/2025 3:42:00 PM	Jagrut	10/3/2025 3:43:11 PM	Peak Integrated by Software
SSTDICV040	BG064452.D	Benzoic acid	Rahul	10/3/2025 3:42:03 PM	Jagrut	10/3/2025 3:43:14 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BG092925

Instrument

BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064456.D	1-Methylnaphthalene	rahul	9/30/2025 8:41:16 AM	Jagrut	9/30/2025 11:08:37 AM	Peak Integrated by Software
SSTDCCC040	BG064456.D	Benzoic acid	rahul	9/30/2025 8:41:16 AM	Jagrut	9/30/2025 11:08:37 AM	Peak Integrated by Software
Q3215-01	BG064470.D	Benzo(k)fluoranthene	rahul	9/30/2025 8:41:31 AM	Jagrut	9/30/2025 11:08:49 AM	Peak Integrated by Software

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QCBatch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM
SubDirectory	BF092325	HP Acquire Method	BNA_F
		HP Processing Method	bf092325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143790.D	23 Sep 2025 09:31	RC/JU	Ok
2	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28	RC/JU	Ok
3	SSTDICC005	BF143792.D	23 Sep 2025 10:58	RC/JU	Ok
4	SSTDICC010	BF143793.D	23 Sep 2025 11:57	RC/JU	Ok
5	SSTDICC020	BF143794.D	23 Sep 2025 12:27	RC/JU	Ok,M
6	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	RC/JU	Ok,M
7	SSTDICC050	BF143796.D	23 Sep 2025 14:28	RC/JU	Ok,M
8	SSTDICC060	BF143797.D	23 Sep 2025 14:58	RC/JU	Ok,M
9	SSTDICC080	BF143798.D	23 Sep 2025 15:27	RC/JU	Ok,M
10	SSTDICV040	BF143799.D	23 Sep 2025 17:42	RC/JU	Ok,M
11	PB169751BL	BF143800.D	23 Sep 2025 18:11	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092925

Review By	rahul	Review On	9/30/2025 8:40:52 AM
Supervise By	Jagrut	Supervise On	9/30/2025 11:09:57 AM
SubDirectory	BF092925	HP Acquire Method	BNA_F
		HP Processing Method	bf092325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13176,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143819.D	29 Sep 2025 10:40	RC/JU	Ok
2	SSTDCCC040	BF143820.D	29 Sep 2025 11:09	RC/JU	Ok
3	PB169890BL	BF143821.D	29 Sep 2025 14:42	RC/JU	Ok
4	PB169890BS	BF143822.D	29 Sep 2025 15:11	RC/JU	Ok,M
5	Q3230-01	BF143823.D	29 Sep 2025 15:45	RC/JU	Ok
6	Q3230-01MS	BF143824.D	29 Sep 2025 16:14	RC/JU	Ok
7	Q3230-01MSD	BF143825.D	29 Sep 2025 16:44	RC/JU	Ok
8	Q3231-05	BF143826.D	29 Sep 2025 17:13	RC/JU	Ok,M
9	Q3231-13	BF143827.D	29 Sep 2025 17:42	RC/JU	Ok,M
10	Q3231-13DL	BF143828.D	29 Sep 2025 18:12	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG092525

Review By	Rahul	Review On	9/26/2025 9:06:10 AM
Supervise By	Jagrut	Supervise On	10/3/2025 3:51:46 PM
SubDirectory	BG092525	HP Acquire Method	BNA_G
		HP Processing Method	BG092525
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064440.D	25 Sep 2025 11:05	RC/JU	Ok
2	SSTDICC2.5	BG064441.D	25 Sep 2025 11:55	RC/JU	Ok
3	SSTDICC005	BG064442.D	25 Sep 2025 12:37	RC/JU	Ok,M
4	SSTDICC010	BG064443.D	25 Sep 2025 13:18	RC/JU	Not Ok
5	SSTDICC020	BG064444.D	25 Sep 2025 13:59	RC/JU	Ok,M
6	SSTDCCC040	BG064445.D	25 Sep 2025 14:41	RC/JU	Not Ok
7	SSTDICC050	BG064446.D	25 Sep 2025 15:22	RC/JU	Ok,M
8	SSTDCC060	BG064447.D	25 Sep 2025 16:03	RC/JU	Not Ok
9	SSTDICC080	BG064448.D	25 Sep 2025 16:44	RC/JU	Ok,M
10	SSTDICC010	BG064449.D	25 Sep 2025 18:04	RC/JU	Ok,M
11	SSTDICCC040	BG064450.D	25 Sep 2025 18:45	RC/JU	Ok,M
12	SSTDICC060	BG064451.D	25 Sep 2025 19:26	RC/JU	Ok,M
13	SSTDICV040	BG064452.D	25 Sep 2025 20:49	RC/JU	Ok,M
14	PB169726BL	BG064453.D	25 Sep 2025 21:30	RC/JU	Ok
15	PB169726BS	BG064454.D	25 Sep 2025 22:11	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG092925

Review By	rahul	Review On	9/30/2025 8:41:59 AM
Supervise By	Jagrut	Supervise On	9/30/2025 11:09:02 AM
SubDirectory	BG092925	HP Acquire Method	BNA_G
		HP Processing Method	BG092525
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13176,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064455.D	29 Sep 2025 11:41	RC/JU	Ok
2	SSTDCCC040	BG064456.D	29 Sep 2025 12:21	RC/JU	Ok,M
3	PB169873BL	BG064457.D	29 Sep 2025 13:02	RC/JU	Ok
4	PB169873BS	BG064458.D	29 Sep 2025 13:43	RC/JU	Ok,M
5	Q3183-10	BG064459.D	29 Sep 2025 14:31	RC/JU	Ok
6	Q3183-11	BG064460.D	29 Sep 2025 15:12	RC/JU	Ok
7	Q3208-12	BG064461.D	29 Sep 2025 15:53	RC/JU	Ok
8	Q3181-03	BG064462.D	29 Sep 2025 16:34	RC/JU	Ok,M
9	Q3181-03MS	BG064463.D	29 Sep 2025 17:15	RC/JU	Ok,M
10	Q3181-03MSD	BG064464.D	29 Sep 2025 17:56	RC/JU	Ok,M
11	Q3181-07	BG064465.D	29 Sep 2025 18:37	RC/JU	Ok
12	Q3181-11	BG064466.D	29 Sep 2025 19:19	RC/JU	Ok
13	Q3208-06	BG064467.D	29 Sep 2025 20:00	RC/JU	Ok
14	Q3232-01	BG064468.D	29 Sep 2025 20:41	RC/JU	Ok
15	Q3232-01DL	BG064469.D	29 Sep 2025 21:22	RC/JU	Not Ok
16	Q3215-01	BG064470.D	29 Sep 2025 22:03	RC/JU	Ok,M
17	Q3215-01DL	BG064471.D	29 Sep 2025 22:44	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM		
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM		
SubDirectory	BF092325	HP Acquire Method	BNA_F	HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143790.D	23 Sep 2025 09:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143792.D	23 Sep 2025 10:58		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143793.D	23 Sep 2025 11:57		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143794.D	23 Sep 2025 12:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	Compound #26,57 kept on LR & #54,65 kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143796.D	23 Sep 2025 14:28		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143797.D	23 Sep 2025 14:58		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143798.D	23 Sep 2025 15:27		RC/JU	Ok,M
10	SSTDICV040	ICVBF092325	BF143799.D	23 Sep 2025 17:42		RC/JU	Ok,M
11	PB169751BL	PB169751BL	BF143800.D	23 Sep 2025 18:11		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092925

Review By	rahul	Review On	9/30/2025 8:40:52 AM
Supervise By	Jagrut	Supervise On	9/30/2025 11:09:57 AM
SubDirectory	BF092925	HP Acquire Method	BNA_F
		HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143819.D	29 Sep 2025 10:40		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143820.D	29 Sep 2025 11:09		RC/JU	Ok
3	PB169890BL	PB169890BL	BF143821.D	29 Sep 2025 14:42		RC/JU	Ok
4	PB169890BS	PB169890BS	BF143822.D	29 Sep 2025 15:11		RC/JU	Ok,M
5	Q3230-01	WALL-PROBE-BRICK-	BF143823.D	29 Sep 2025 15:45		RC/JU	Ok
6	Q3230-01MS	WALL-PROBE-BRICK-	BF143824.D	29 Sep 2025 16:14		RC/JU	Ok
7	Q3230-01MSD	WALL-PROBE-BRICK-	BF143825.D	29 Sep 2025 16:44		RC/JU	Ok
8	Q3231-05	WC-2	BF143826.D	29 Sep 2025 17:13		RC/JU	Ok,M
9	Q3231-13	WC-4	BF143827.D	29 Sep 2025 17:42		RC/JU	Ok,M
10	Q3231-13DL	WC-4DL	BF143828.D	29 Sep 2025 18:12	Not required.	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG092525

Review By	Rahul	Review On	9/26/2025 9:06:10 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:51:46 PM		
SubDirectory	BG092525	HP Acquire Method	BNA_G	HP Processing Method	BG092525
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13175,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064440.D	25 Sep 2025 11:05		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064441.D	25 Sep 2025 11:55		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064442.D	25 Sep 2025 12:37		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064443.D	25 Sep 2025 13:18	Not Used	RC/JU	Not Ok
5	SSTDICC020	SSTDICC020	BG064444.D	25 Sep 2025 13:59		RC/JU	Ok,M
6	SSTDCCC040	SSTDCCC040	BG064445.D	25 Sep 2025 14:41	Not Used	RC/JU	Not Ok
7	SSTDICC050	SSTDICC050	BG064446.D	25 Sep 2025 15:22		RC/JU	Ok,M
8	SSTDCC060	SSTDCC060	BG064447.D	25 Sep 2025 16:03	Not Used	RC/JU	Not Ok
9	SSTDICC080	SSTDICC080	BG064448.D	25 Sep 2025 16:44		RC/JU	Ok,M
10	SSTDICC010	SSTDICC010	BG064449.D	25 Sep 2025 18:04		RC/JU	Ok,M
11	SSTDICCC040	SSTDICCC040	BG064450.D	25 Sep 2025 18:45	Method fail for compound #09,77. except these can be use	RC/JU	Ok,M
12	SSTDICC060	SSTDICC060	BG064451.D	25 Sep 2025 19:26		RC/JU	Ok,M
13	SSTDICV040	ICVBG092525	BG064452.D	25 Sep 2025 20:49	ICV fail for compound #09.	RC/JU	Ok,M
14	PB169726BL	PB169726BL	BG064453.D	25 Sep 2025 21:30		RC/JU	Ok
15	PB169726BS	PB169726BS	BG064454.D	25 Sep 2025 22:11		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG092925

Review By	rahul	Review On	9/30/2025 8:41:59 AM
Supervise By	Jagrut	Supervise On	9/30/2025 11:09:02 AM
SubDirectory	BG092925	HP Acquire Method	BNA_G
		HP Processing Method	BG092525

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064455.D	29 Sep 2025 11:41		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064456.D	29 Sep 2025 12:21		RC/JU	Ok,M
3	PB169873BL	PB169873BL	BG064457.D	29 Sep 2025 13:02		RC/JU	Ok
4	PB169873BS	PB169873BS	BG064458.D	29 Sep 2025 13:43		RC/JU	Ok,M
5	Q3183-10	WC-1	BG064459.D	29 Sep 2025 14:31		RC/JU	Ok
6	Q3183-11	WC-4	BG064460.D	29 Sep 2025 15:12		RC/JU	Ok
7	Q3208-12	SU-ESM-COMP-02	BG064461.D	29 Sep 2025 15:53		RC/JU	Ok
8	Q3181-03	WC-A3-01-C	BG064462.D	29 Sep 2025 16:34		RC/JU	Ok,M
9	Q3181-03MS	WC-A3-01-CMS	BG064463.D	29 Sep 2025 17:15		RC/JU	Ok,M
10	Q3181-03MSD	WC-A3-01-CMSD	BG064464.D	29 Sep 2025 17:56		RC/JU	Ok,M
11	Q3181-07	WC-A3-02-C	BG064465.D	29 Sep 2025 18:37		RC/JU	Ok
12	Q3181-11	WC-A3-03-C	BG064466.D	29 Sep 2025 19:19		RC/JU	Ok
13	Q3208-06	SU-ESM-COMP-01	BG064467.D	29 Sep 2025 20:00		RC/JU	Ok
14	Q3232-01	CONC-1	BG064468.D	29 Sep 2025 20:41		RC/JU	Ok
15	Q3232-01DL	CONC-1DL	BG064469.D	29 Sep 2025 21:22	Not required.	RC/JU	Not Ok
16	Q3215-01	WASTE	BG064470.D	29 Sep 2025 22:03		RC/JU	Ok,M
17	Q3215-01DL	WASTEDL	BG064471.D	29 Sep 2025 22:44	Not required.	RC/JU	Not Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 9/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:20
Out Date: 09/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137341

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3215-01	WASTE	1	1.18	10.23	11.41	10.44	90.5	
Q3216-01	WASTE	2	1.19	10.62	11.81	10.67	89.3	
Q3216-02	VOC	3	1.19	10.50	11.69	10.44	88.1	
Q3216-03	1	4	1.16	10.34	11.5	10.53	90.6	
Q3216-04	2	5	1.16	10.69	11.85	10.81	90.3	
Q3216-05	3	6	1.15	10.36	11.51	10.5	90.3	
Q3216-06	4	7	1.18	10.51	11.69	10.72	90.8	
Q3216-07	5	8	1.19	10.41	11.6	10.52	89.6	
Q3220-01	OR-03-092625	9	1.18	10.87	12.05	10.76	88.1	
Q3220-02	OR-03-092625-E2	10	1.16	10.65	11.81	10.54	88.1	
Q3221-01	HD-01-092625	11	1.13	10.49	11.62	10.53	89.6	
Q3221-02	HD-01-092625-E2	12	1.18	10.45	11.63	10.18	86.1	
Q3222-01	SU-03-092625	13	1.19	10.31	11.5	10.46	89.9	
Q3222-02	SU-03-092625-E2	14	1.13	10.77	11.9	10.77	89.5	
Q3223-01	917	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-02	917-A	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-03	2027	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3223-04	2028	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3224-01	60159	19	1.00	1.00	2.00	2.00	100.0	oil sample
Q3225-01	60052	20	1.00	1.00	2.00	2.00	100.0	oil sample
Q3226-05	SVOC-GPC-BLANK	21	1.00	1.00	2.00	2.00	100.0	
Q3226-06	PEST-GPC-BLANK	22	1.00	1.00	2.00	2.00	100.0	
Q3226-07	PEST-GPC-BLANK-SPIKE	23	1.00	1.00	2.00	2.00	100.0	
Q3226-09	PEST-GPC2-BLANK	24	1.00	1.00	2.00	2.00	100.0	
Q3226-10	PEST -GPC2-BLANK-SPIKE	25	1.00	1.00	2.00	2.00	100.0	
Q3230-01	WALL-PROBE-BRICK-1	26	1.14	10.40	11.54	9.81	83.4	
Q3231-01	WC-1	27	1.12	10.62	11.74	10.08	84.4	
Q3231-02	WC-1-EPH	28	1.14	10.31	11.45	10.04	86.3	



PERCENT SOLID

Supervisor: Iwona
Analyst: rubina
Date: 9/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN #1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 09:20
Out Date: 09/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB137341

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3231-03	WC-1-VOC	29	1.12	11.52	12.64	10.63	82.6	
Q3231-05	WC-2	30	1.19	10.17	11.36	9.7	83.7	
Q3231-06	WC-2-EPH	31	1.18	10.31	11.49	9.78	83.4	
Q3231-07	WC-2-VOC	32	1.19	10.83	12.02	10.37	84.8	
Q3231-09	WC-3	33	1.15	10.00	11.15	9.88	87.3	
Q3231-10	WC-3-EPH	34	1.16	10.34	11.5	10.15	86.9	
Q3231-11	WC-3-VOC	35	1.17	11.06	12.23	10.57	85.0	
Q3231-13	WC-4	36	1.16	10.79	11.95	10.81	89.4	
Q3231-14	WC-4-EPH	37	1.13	11.90	13.03	10.87	81.8	
Q3231-15	WC-4-VOC	38	1.14	11.74	12.88	11.3	86.5	
Q3232-01	CONC-1	39	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3233-01	0926-01	40	1.18	11.05	12.23	12.11	98.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137341

WorkList Name : %1-092625

WorkList ID : 192106

Department : Wet-Chemistry

Date : 09-26-2025 08:04:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3215-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3216-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3220-01	OR-03-092625	Solid	Percent Solids	Cool 4 deg C	SCIA01	J41	09/25/2025	Chemtech -SO
Q3220-02	OR-03-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3221-01	HD-01-092625	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3221-02	HD-01-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3222-01	SU-03-092625	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3222-02	SU-03-092625-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	09/26/2025	Chemtech -SO
Q3223-01	917	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-02	917-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-03	2027	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3223-04	2028	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3224-01	60159	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3225-01	60052	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3226-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO

Date/Time 09/26/25 15:10

Raw Sample Received by: JF Coo

Raw Sample Relinquished by: Rm 8m

Date/Time 09/26/25 17:30

Raw Sample Received by: Rm 8m

Raw Sample Relinquished by: JF Coo

WORKLIST(Hardcopy Internal Chain)

177341

WorkList Name : %1-092625

WorkList ID : 192106

Department : Wet-Chemistry

Date : 09-26-2025 08:04:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3226-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3226-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A12	09/19/2025	Chemtech -SO
Q3230-01	WALL-PROBE-BRICK-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-05	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-06	WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-07	WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-09	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-10	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-11	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-13	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-14	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3231-15	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3232-01	CONC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO
Q3233-01	0926-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/26/2025	Chemtech -SO

Date/Time 09/26/25 15:10

Raw Sample Received by: SP CUDC

Raw Sample Relinquished by: RM SM

Date/Time 09/26/25

Raw Sample Received by: RM SM

Raw Sample Relinquished by: SP CUDC

SOP ID:	M3541-ASE Extraction-15		
Clean Up SOP #:	N/A	Extraction Start Date :	09/29/2025
Matrix :	Solid	Extraction Start Time :	09:15
Weigh By:	EH	Extraction By:	RJ
Balance check:	EH	Extraction End Date :	09/29/2025
Balance ID:	EX-SC-2	Filter By:	RJ
pH Strip Lot#:	N/A	Extraction End Time :	12:50
		Concentration By:	EH
		Supervisor By :	ritesh
Extraction Method:	☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
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	EP2641
Baked Na2SO4	N/A	EP2646
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/29/25	RJ (EPA-CEH)	RCSWOC
12:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/29/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
~~PB169870TB~~	~~PB169870TB~~	~~TCLP BNA~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~	~~—~~		
PB169890BL	SBLK890	SVOC-TCL BNA -20	30.03	N/A	Evelyn	ritesh	1			U-1
PB169890BS	SLCS890	SVOC-TCL BNA -20	30.03	N/A	Evelyn	ritesh	1			2
Q3215-01	WASTE	SVOC-PAH	30.06	N/A	Evelyn	ritesh	1	B		3
Q3220-01	OR-03-092625	SVOC-TCL BNA -20	50.04	N/A	Evelyn	ritesh	1	D		4
Q3221-01	HD-01-092625	SVOC-TCL BNA -20	50.08	N/A	Evelyn	ritesh	1	D		5
Q3222-01	SU-03-092625	SVOC-TCL BNA -20	50.05	N/A	Evelyn	ritesh	1	D		6
Q3230-01	WALL-PROBE-BRICK-1	SVOC-PAH	50.03	N/A	Evelyn	ritesh	1			U2-1
Q3230-01MS	WALL-PROBE-BRICK-1MS	SVOC-PAH	50.07	N/A	Evelyn	ritesh	1			2
Q3230-01MS D	WALL-PROBE-BRICK-1MS D	SVOC-PAH	50.09	N/A	Evelyn	ritesh	1			3
Q3231-01	WC-1	SVOC-TCL BNA -20	50.03	N/A	Evelyn	ritesh	1	B		4
Q3231-05	WC-2	SVOC-TCL BNA -20	50.02	N/A	Evelyn	ritesh	1	B		6
Q3231-09	WC-3	SVOC-TCL BNA -20	50.06	N/A	Evelyn	ritesh	1	B		2
Q3231-13	WC-4	SVOC-TCL BNA -20	50.09	N/A	Evelyn	ritesh	1		Stone	4
Q3232-01	CONC-1	SVOC-PAH	50.05	N/A	Evelyn	ritesh	1	B		6

* Extracts relinquished on the same date as received.

1695-15
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3215

WorkList ID : 192138

Department : Extraction

Date : 09-29-2025 09:00:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3215-01	WASTE	Solid	SVOC-PAH	Cool 4 deg C	SCIA01	J41	09/25/2025	8270E
Q3220-01	OR-03-092625	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	09/26/2025	8270E
Q3221-01	HD-01-092625	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	09/26/2025	8270E
Q3222-01	SU-03-092625	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	09/26/2025	8270E
Q3230-01	WALL-PROBE-BRICK-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E
Q3231-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E
Q3231-05	WC-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E
Q3231-09	WC-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E
Q3231-13	WC-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E
Q3232-01	CONC-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	09/26/2025	8270E

Date/Time 9/29/25 9:10
Raw Sample Received by: RS LEXA-1006
Raw Sample Relinquished by: OR SM

Date/Time 9/29/25 9:30
Raw Sample Received by: OR SM
Raw Sample Relinquished by: RS LEXA-1006



SHIPPING DOCUMENTS

23215
507 Franklin Ave
Nutley

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number _____
COC Number _____

CLIENT INFORMATION				PROJECT INFORMATION				BILLING INFORMATION											
Report to be sent to:				PROJECT NAME:				BILL TO:											
COMPANY:				PROJECT #:				PO#											
ADDRESS:				LOCATION:				ADDRESS:											
CITY: STATE: ZIP:				PROJECT MANAGER:				CITY: STATE: ZIP:											
ATTENTION:				E-MAIL:				ATTENTION:											
PHONE: FAX:				PHONE: FAX:				PHONE:											
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS											
FAX (RUSH) _____ DAYS*				☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD: _____ DAYS* ☐ Other: _____ ☐ EDD FORMAT: _____															
HARDCOPY (DATA PACKAGE): _____																			
EDD: _____																			
*TO BE APPROVED BY CHEMTECH																			
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																			
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	WASTE				9/25	9:15	1		X										
2.	VOC					10:15	1			X									
3.	1					10:30	1				X								
4.	2					10:45	1				X								
5.	3					11:00	1				X								
6.	4					11:15	1				X								
7.	5					11:30	1				X								
8.																			
9.																			
10.																			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																			
RELINQUISHED BY SAMPLER		DATE/TIME 9-25-25 1630	RECEIVED BY 1. [Signature]		Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON-COMPLIANT ☐ COOLER TEMP 7-10°C														
RELINQUISHED BY		DATE/TIME	RECEIVED BY 2. [Signature]		Comments: [Signature]														
RELINQUISHED BY		DATE/TIME 9-25-25 1730	RECEIVED FOR LAB BY 3. [Signature]		CLIENT: ☐ Hand Delivered ☐ Other: _____ CHEMTECH: ☐ Picked Up Shipment Complete ☐ YES ☐ NO														

X

PDF - 73 KB

Cartena

[illegible]^a - H₂EPN Category 2 Non-Fluorinated method may also be used for Polytetrafluoroethylene analysis. TPA-CDS analysis is required for soils with known or suspected gasoline contamination.^a - Five beds with granular (about 17,000 ppm) PPH or EPH, from the Paleozoic Filix Tuff analyzed (Method 0005)

(11) The methods provided in standard EPA methods. The method provisions are subject to change and the most current method should always be utilized by the laboratory.

This is to be used as a guideline for sampling. Sampling frequencies and duration requirements may be modified at the discretion of the CE Approval Authority. Factors such as the history, levels of contamination and/or source of contamination, etc.

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3215	SCIA01	Order Date : 9/26/2025 8:43:00 AM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 507 Franklin Ave Nutley	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 9/25/2025 5:30:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3215-01	WASTE	Solid	09/25/2025	09:15	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : 

Date / Time : 9/26/25 1240

Received By : 

Date / Time : 9/26/25 1240

Storage Area : VOA Refridgerator Room 