

Cover Page

Order ID : Q1903

Project ID : Mitchell School

Client : Kleinfelder

Lab Sample Number

Q1903-01
Q1903-02
Q1903-03

Client Sample Number

COMP-4
COMP-5
COMP-6

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

Signature : _____

Date: 5/3/2025

DATA REPORTING QUALIFIERS- ORGANIC

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1903

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 05/03/2025

LAB CHRONICLE

OrderID:	Q1903	OrderDate:	4/28/2025 11:30:00 AM
Client:	Kleinfelder	Project:	Mitchell School
Contact:	Mark Warchol	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1903-01	COMP-4	SOIL	SVOCMS Group1	8270E	04/25/25	04/29/25	05/01/25	04/28/25
Q1903-02	COMP-5	SOIL	SVOCMS Group1	8270E	04/25/25	04/29/25	05/01/25	04/28/25
Q1903-03	COMP-6	SOIL	SVOCMS Group1	8270E	04/25/25	04/29/25	05/01/25	04/28/25



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Hit Summary Sheet
SW-846

SDG No.: Q1903
Client: Kleinfelder

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167779BL	PB167779BL	Nitrobenzene-d5	100	87.4	87		18	107
		2-Fluorobiphenyl	100	88.3	88		20	109
		Terphenyl-d14	100	106	106	*	10	105
PB167779BS	PB167779BS	Nitrobenzene-d5	100	86.4	86		18	107
		2-Fluorobiphenyl	100	87.2	87		20	109
		Terphenyl-d14	100	88.8	89		10	105
Q1901-02MS	B-167-SB01MS	Nitrobenzene-d5	100	68.1	68		18	107
		2-Fluorobiphenyl	100	63.1	63		20	109
		Terphenyl-d14	100	43.9	44		10	105
Q1901-02MSD	B-167-SB01MSD	Nitrobenzene-d5	100	66.9	67		18	107
		2-Fluorobiphenyl	100	61.8	62		20	109
		Terphenyl-d14	100	42.1	42		10	105
Q1903-01	COMP-4	Nitrobenzene-d5	100	61.6	62		18	107
		2-Fluorobiphenyl	100	53.8	54		20	109
		Terphenyl-d14	100	40.1	40		10	105
Q1903-02	COMP-5	Nitrobenzene-d5	100	61.4	61		18	107
		2-Fluorobiphenyl	100	53.9	54		20	109
		Terphenyl-d14	100	38.3	38		10	105
Q1903-03	COMP-6	Nitrobenzene-d5	100	60.3	60		18	107
		2-Fluorobiphenyl	100	55.6	56		20	109
		Terphenyl-d14	100	38.6	39		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1901-02MS	Client Sample ID:	B-167-SB01MS					DataFile:	BF142269.D		
Naphthalene	2000	0	1800	ug/Kg	90				72	110	
Fluorene	2000	0	1700	ug/Kg	85				68	116	
Phenanthrene	2000	140	2000	ug/Kg	93				52	128	
Anthracene	2000	0	1900	ug/Kg	95				62	124	
Pyrene	2000	130	1400	ug/Kg	64				26	142	
Benzo(a)anthracene	2000	95.0	1900	ug/Kg	90				71	114	
Chrysene	2000	0	1900	ug/Kg	95				57	121	
Benzo(b)fluoranthene	2000	97.3	2000	ug/Kg	95				67	121	
Benzo(a)pyrene	2000	0	1900	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	1400	ug/Kg	70				40	129	
Benzo(g,h,i)perylene	2000	0	1300	ug/Kg	65				24	125	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1901-02MSD	Client Sample ID:	B-167-SB01MSD					DataFile:	BF142270.D		
Naphthalene	2000	0	1700	ug/Kg	85		6		72	110	20
Fluorene	2000	0	1700	ug/Kg	85		0		68	116	20
Phenanthrene	2000	140	1900	ug/Kg	88		6		52	128	20
Anthracene	2000	0	1800	ug/Kg	90		5		62	124	20
Pyrene	2000	130	1400	ug/Kg	64		0		26	142	20
Benzo(a)anthracene	2000	95.0	1800	ug/Kg	85		6		71	114	20
Chrysene	2000	0	1800	ug/Kg	90		5		57	121	20
Benzo(b)fluoranthene	2000	97.3	2000	ug/Kg	95		0		67	121	20
Benzo(a)pyrene	2000	0	1900	ug/Kg	95		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	1300	ug/Kg	65		7		40	129	20
Benzo(g,h,i)perylene	2000	0	1200	ug/Kg	60		8		24	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1903

Client: Kleinfelder

Analytical Method: 8270E DataFile: BM050064.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167779BS	Naphthalene	1700	1500	ug/Kg	88				62	100	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167779BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1903

SAS No.: Q1903 SDG NO.: Q1903

Lab File ID: BM050063.D

Lab Sample ID: PB167779BL

Instrument ID: BNA_M

Date Extracted: 04/29/2025

Matrix: (soil/water) SOIL

Date Analyzed: 05/01/2025

Level: (low/med) LOW

Time Analyzed: 14:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167779BS	PB167779BS	BM050064.D	05/01/2025
B-167-SB01MS	Q1901-02MS	BF142269.D	05/01/2025
B-167-SB01MSD	Q1901-02MSD	BF142270.D	05/01/2025
COMP-4	Q1903-01	BF142262.D	05/01/2025
COMP-5	Q1903-02	BF142263.D	05/01/2025
COMP-6	Q1903-03	BF142264.D	05/01/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q1903 SDG NO.: Q1903Lab File ID: BF142238.DDFTPP Injection Date: 04/30/2025Instrument ID: BNA_FDFTPP Injection Time: 10:55

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	15.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 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	BF142239.D	04/30/2025	11:24
SSTDICC005	SSTDICC005	BF142240.D	04/30/2025	11:52
SSTDICC010	SSTDICC010	BF142241.D	04/30/2025	12:20
SSTDICC020	SSTDICC020	BF142242.D	04/30/2025	12:49
SSTDICCC040	SSTDICCC040	BF142243.D	04/30/2025	13:17
SSTDICC050	SSTDICC050	BF142244.D	04/30/2025	13:46
SSTDICC060	SSTDICC060	BF142245.D	04/30/2025	14:15
SSTDICC080	SSTDICC080	BF142246.D	04/30/2025	14:43



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q1903 SDG NO.: Q1903Lab File ID: BF142249.DDFTPP Injection Date: 05/01/2025Instrument ID: BNA_FDFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.2
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
SSTDCCC040	SSTDCCC040	BF142250.D	05/01/2025	10:17
COMP-4	Q1903-01	BF142262.D	05/01/2025	16:03
COMP-5	Q1903-02	BF142263.D	05/01/2025	16:31
COMP-6	Q1903-03	BF142264.D	05/01/2025	17:00
B-167-SB01MS	Q1901-02MS	BF142269.D	05/01/2025	19:24
B-167-SB01MSD	Q1901-02MSD	BF142270.D	05/01/2025	19:52



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q1903SDG NO.: Q1903Lab File ID: BM050023.DDFTPP Injection Date: 04/28/2025Instrument ID: BNA_MDFTPP Injection Time: 11:46

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.8
68	Less than 2.0% of mass 69	0.4 (1.3) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.7
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	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	74.7
443	15.0 - 24.0% of mass 442	14.4 (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
SSTDICC2.5	SSTDICC2.5	BM050024.D	04/28/2025	12:30
SSTDICC005	SSTDICC005	BM050025.D	04/28/2025	13:09
SSTDICC010	SSTDICC010	BM050026.D	04/28/2025	13:48
SSTDICC020	SSTDICC020	BM050027.D	04/28/2025	14:27
SSTDICCC040	SSTDICCC040	BM050028.D	04/28/2025	15:06
SSTDICC050	SSTDICC050	BM050029.D	04/28/2025	15:45
SSTDICC060	SSTDICC060	BM050030.D	04/28/2025	16:24
SSTDICC080	SSTDICC080	BM050031.D	04/28/2025	17:04



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECHContract: POWE02Lab Code: CHEMSAS No.: Q1903SDG NO.: Q1903Lab File ID: BM050061.DDFTPP Injection Date: 05/01/2025Instrument ID: BNA_MDFTPP Injection Time: 12:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.1
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	26.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	15.5 (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	BM050062.D	05/01/2025	13:25
PB167779BL	PB167779BL	BM050063.D	05/01/2025	14:04
PB167779BS	PB167779BS	BM050064.D	05/01/2025	14:43

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	186578	6.91	719586	8.19	381198	9.95
UPPER LIMIT	373156	7.41	1439170	8.692	762396	10.445
LOWER LIMIT	93289	6.41	359793	7.692	190599	9.445
EPA SAMPLE NO.						
01 B-167-SB01MS	207729	6.91	776941	8.19	359640	9.95
02 B-167-SB01MSD	204570	6.91	762454	8.19	351872	9.95
03 COMP-4	206685	6.90	782390	8.19	383432	9.94
04 COMP-5	213887	6.90	812832	8.19	392078	9.94
05 COMP-6	206274	6.90	784232	8.19	381114	9.94

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BF142250.D Time Analyzed: 10:17

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	647816	11.433	384442	14.074	349272	15.562
UPPER LIMIT	1295630	11.933	768884	14.574	698544	16.062
LOWER LIMIT	323908	10.933	192221	13.574	174636	15.062
EPA SAMPLE NO.						
01 B-167-SB01MS	495470	11.43	427878	14.07	472653	15.56
02 B-167-SB01MSD	496148	11.43	429879	14.07	473333	15.56
03 COMP-4	552303	11.43	438090	14.07	441251	15.56
04 COMP-5	556035	11.43	454222	14.07	451548	15.56
05 COMP-6	529947	11.43	453109	14.07	437720	15.56

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	329367	7.757	1090200	10.55	636680	14.40
UPPER LIMIT	658734	8.257	2180400	11.045	1273360	14.898
LOWER LIMIT	164684	7.257	545100	10.045	318340	13.898
EPA SAMPLE NO.						
01 PB167779BL	362102	7.75	1207360	10.55	720688	14.40
02 PB167779BS	339452	7.75	1125330	10.55	664515	14.39

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG NO.: Q1903

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/01/2025

Lab File ID: BM050062.D Time Analyzed: 13:25

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1171490	17.145	1137060	21.386	1050480	24.374
UPPER LIMIT	2342980	17.645	2274120	21.886	2100960	24.874
LOWER LIMIT	585745	16.645	568530	20.886	525240	23.874
EPA SAMPLE NO.						
01 PB167779BL	1342350	17.15	1132570	21.39	1130010	24.37
02 PB167779BS	1227380	17.14	1219130	21.38	1104890	24.37

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142262.D	1	04/29/25 09:30	05/01/25 16:03	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.2	U	27.2	200	ug/Kg
86-73-7	Fluorene	30.3	U	30.3	200	ug/Kg
85-01-8	Phenanthrene	25.1	U	25.1	200	ug/Kg
120-12-7	Anthracene	39.9	U	39.9	200	ug/Kg
129-00-0	Pyrene	43.2	U	43.2	200	ug/Kg
56-55-3	Benzo(a)anthracene	27.6	U	27.6	200	ug/Kg
218-01-9	Chrysene	23.9	U	23.9	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.4	U	35.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.9	U	34.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.8	U	30.8	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	61.6		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.8		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	40.1		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	207000	6.904			
1146-65-2	Naphthalene-d8	782000	8.186			
15067-26-2	Acenaphthene-d10	383000	9.939			
1517-22-2	Phenanthrene-d10	552000	11.427			
1719-03-5	Chrysene-d12	438000	14.068			
1520-96-3	Perylene-d12	441000	15.557			

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-4	SDG No.:	Q1903
Lab Sample ID:	Q1903-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142262.D	1	04/29/25 09:30	05/01/25 16:03	PB167779

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\BF050125\
Data File : BF142262.D
Acq On : 01 May 2025 16:03
Operator : RC/JU
Sample : Q1903-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4

Quant Time: May 01 16:58:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

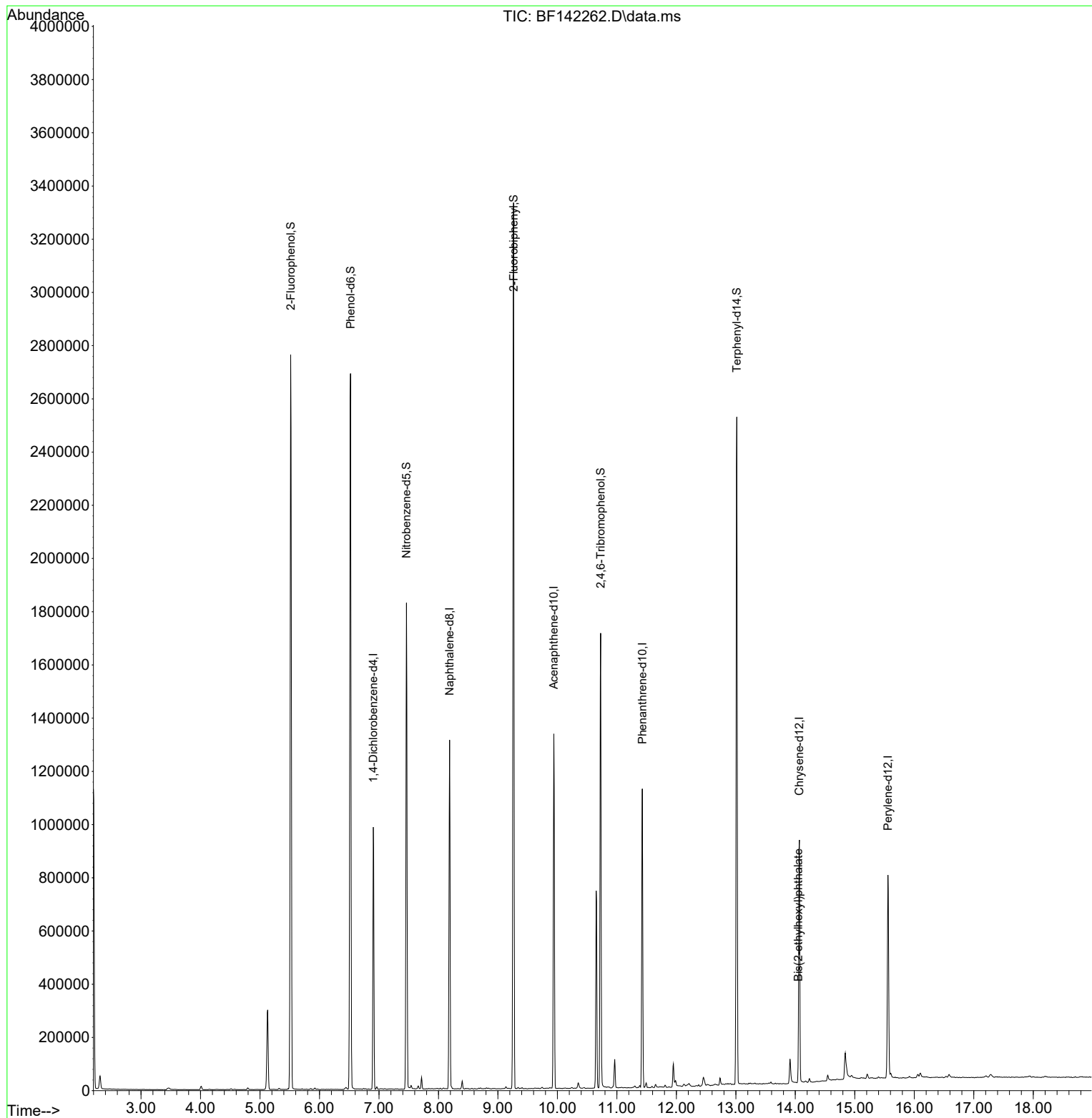
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206685	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	782390	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383432	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	552303	20.000	ng	0.00
76) Chrysene-d12	14.068	240	438090	20.000	ng	0.00
86) Perylene-d12	15.557	264	441251	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1037727	80.185	ng	0.00
7) Phenol-d6	6.522	99	1285233	82.240	ng	0.00
23) Nitrobenzene-d5	7.463	82	733013	61.551	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	280290	80.186	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1464008	53.835	ng	0.00
79) Terphenyl-d14	13.016	244	1207717	40.095	ng	0.00
Target Compounds						Qvalue
84) Bis(2-ethylhexyl)phtha...	14.051	149	11440	4.148	ng	99

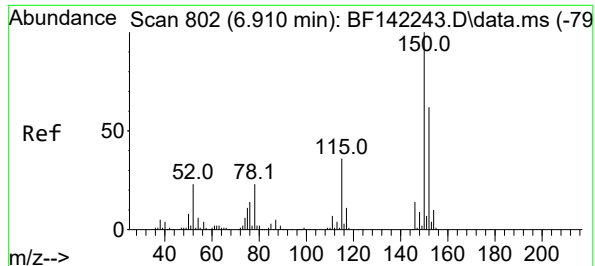
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142262.D
Acq On : 01 May 2025 16:03
Operator : RC/JU
Sample : Q1903-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4

Quant Time: May 01 16:58:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

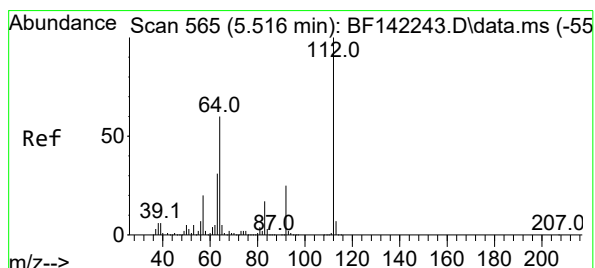
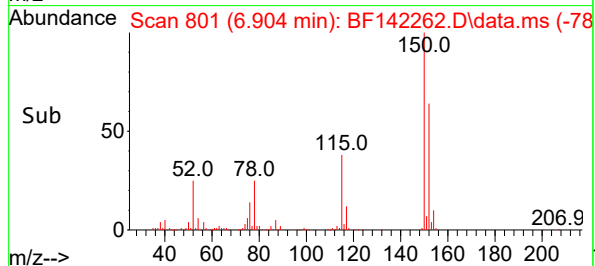
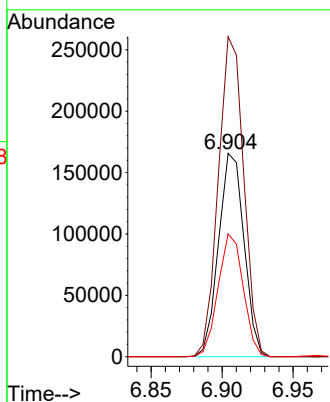
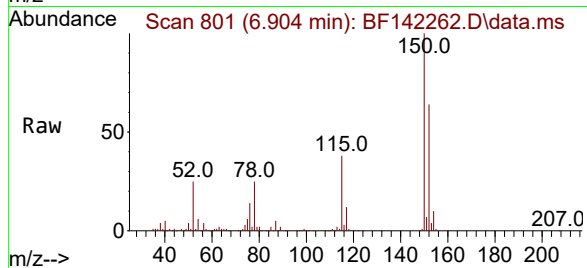




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

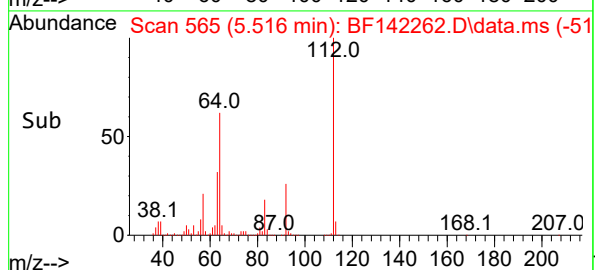
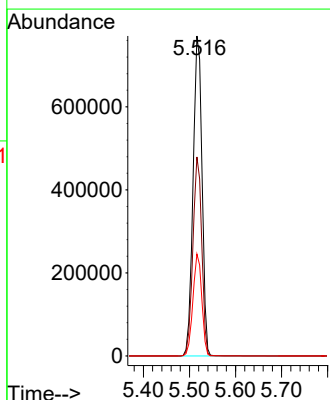
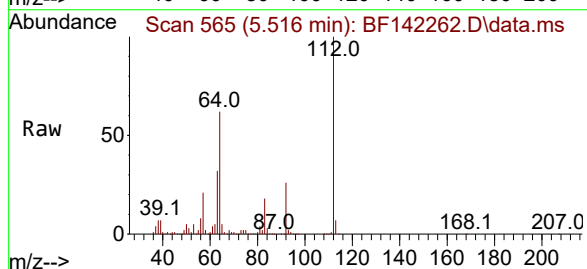
Instrument :
BNA_F
ClientSampleId :
COMP-4

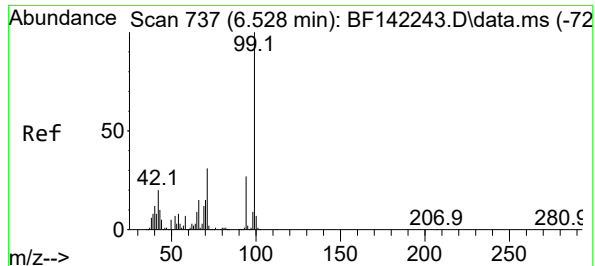
Tgt Ion:152 Resp: 206685
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 60.4 47.0 70.4



#5
2-Fluorophenol
Concen: 80.185 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

Tgt Ion:112 Resp: 1037727
Ion Ratio Lower Upper
112 100
64 62.2 48.4 72.6
63 31.8 24.8 37.2

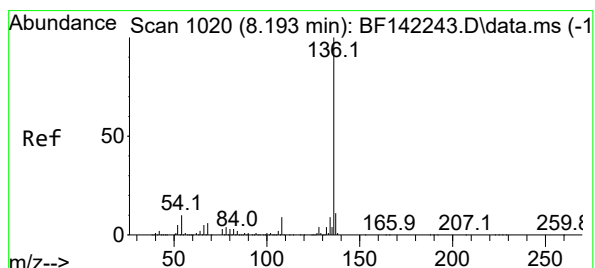
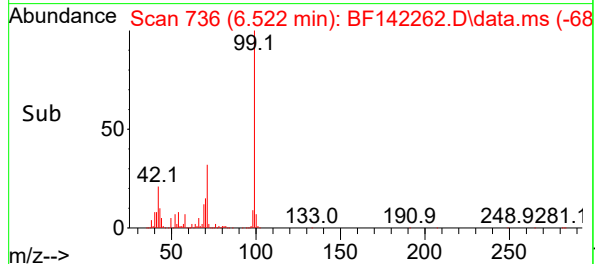
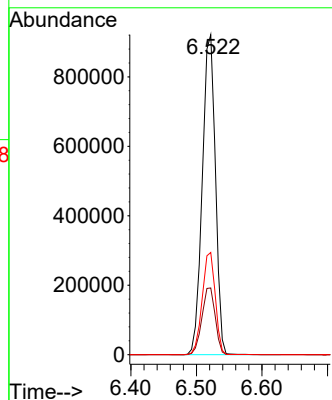
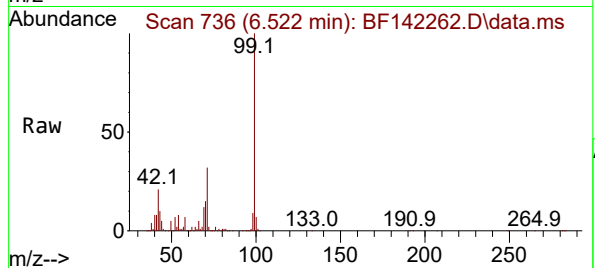




#7
Phenol-d6
Concen: 82.240 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

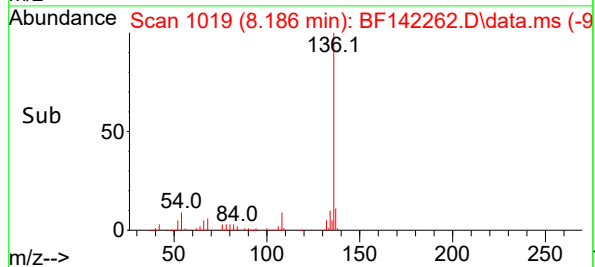
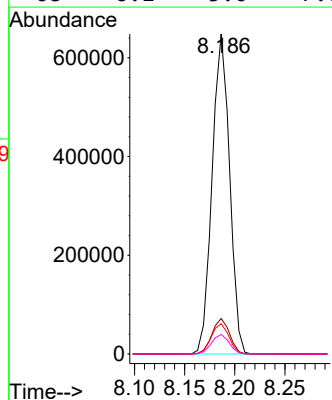
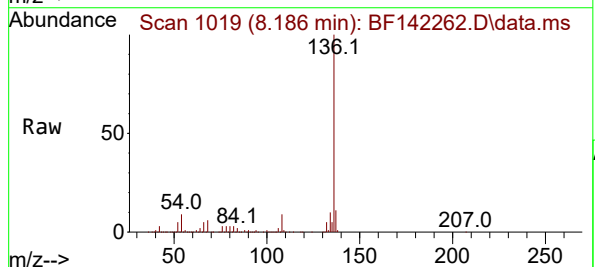
Instrument :
BNA_F
ClientSampleId :
COMP-4

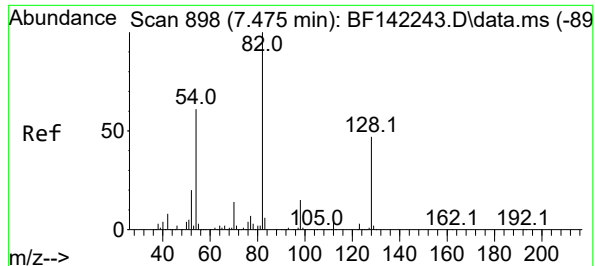
Tgt Ion: 99 Resp: 1285233
Ion Ratio Lower Upper
99 100
42 20.9 16.3 24.5
71 31.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142262.D
Acq: 01 May 2025 16:03

Tgt Ion: 136 Resp: 782390
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.5 7.7 11.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.551 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

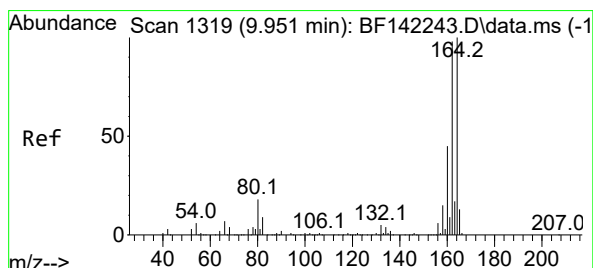
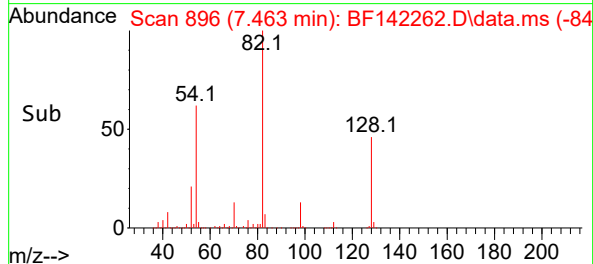
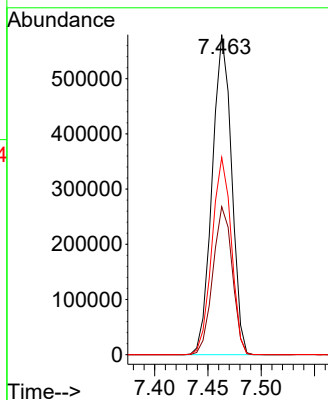
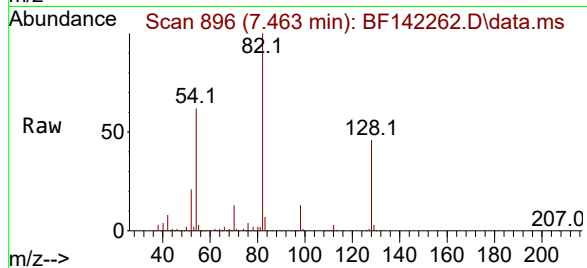
Tgt Ion: 82 Resp: 733013

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

54 61.6 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

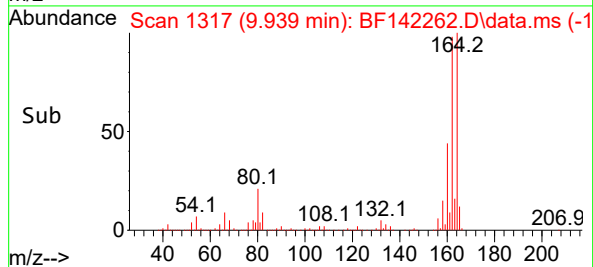
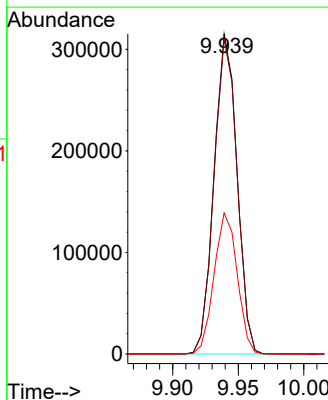
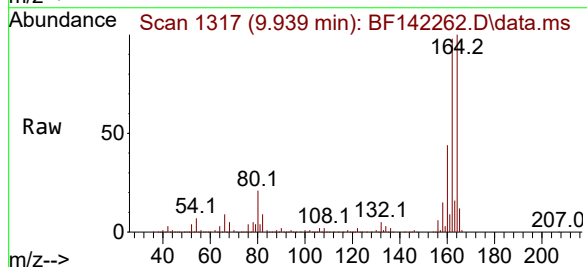
Tgt Ion:164 Resp: 383432

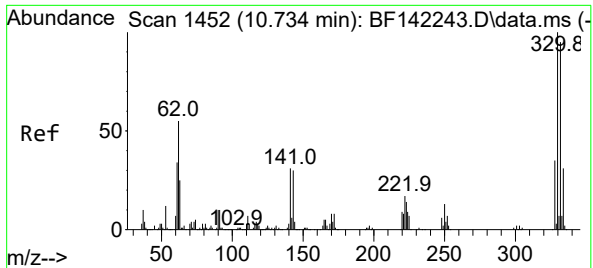
Ion Ratio Lower Upper

164 100

162 98.5 78.6 117.8

160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 80.186 ng

RT: 10.727 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

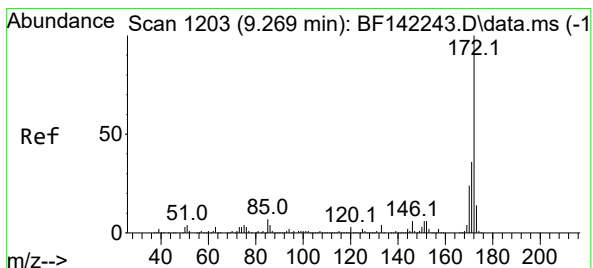
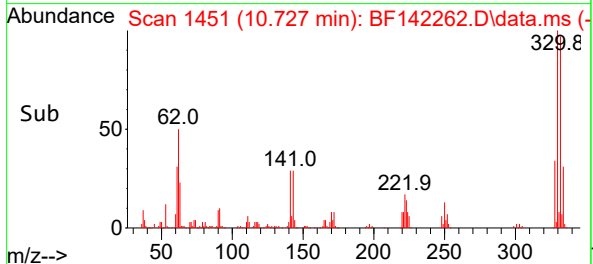
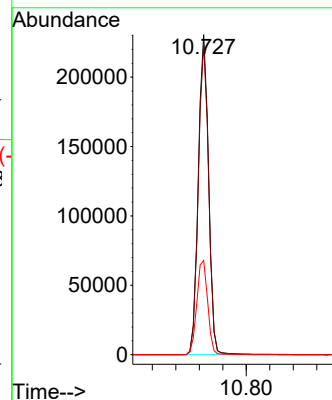
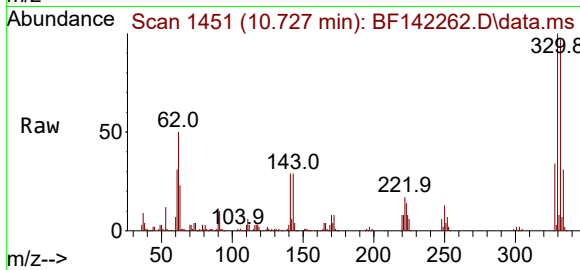
Tgt Ion:330 Resp: 280290

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

141 31.1 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 53.835 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

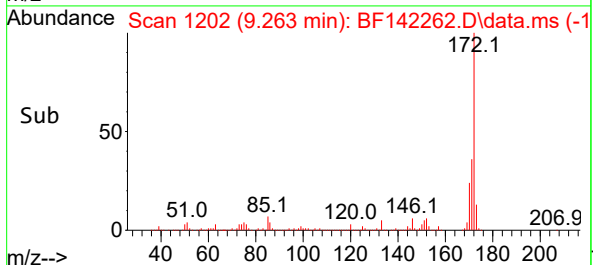
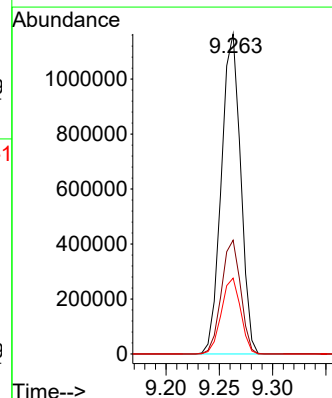
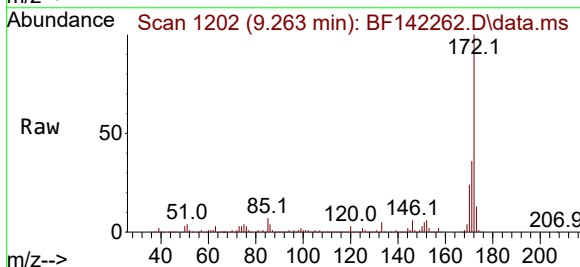
Tgt Ion:172 Resp: 1464008

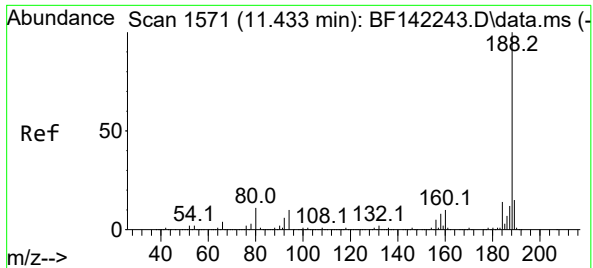
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4

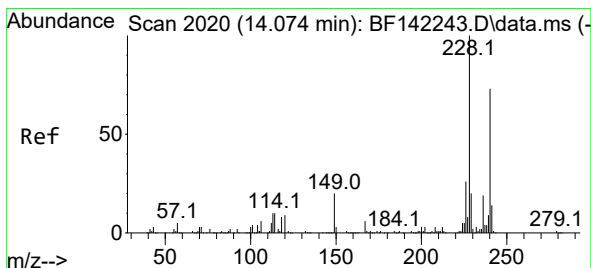
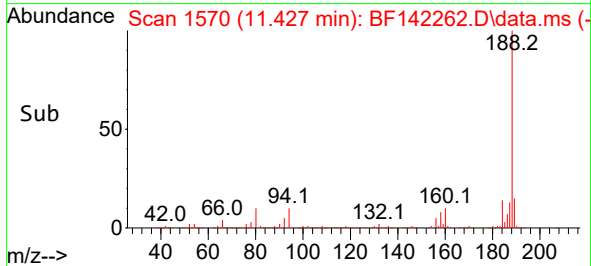
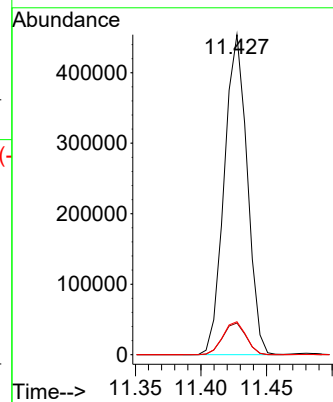
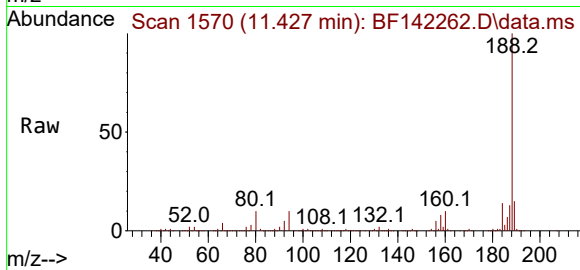
Tgt Ion:188 Resp: 552303

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

80 10.3 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142262.D

Acq: 01 May 2025 16:03

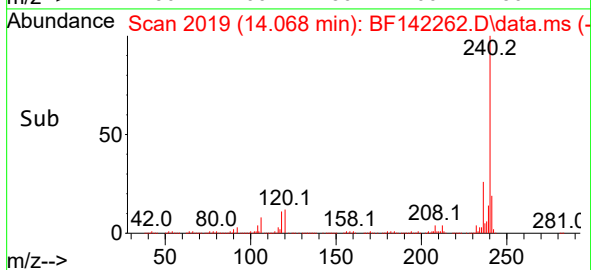
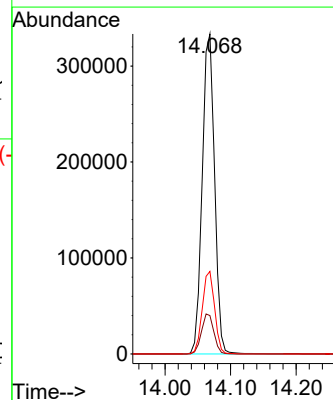
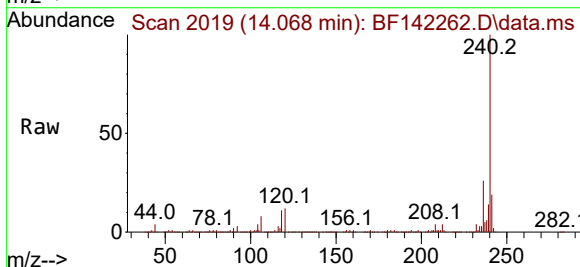
Tgt Ion:240 Resp: 438090

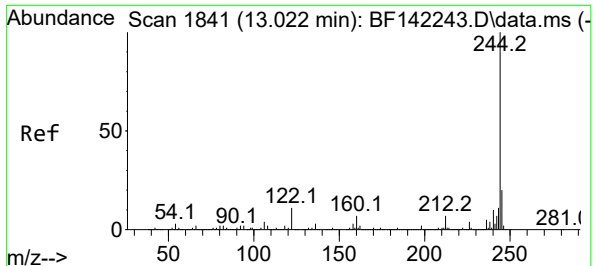
Ion Ratio Lower Upper

240 100

120 12.0 10.1 15.1

236 25.8 20.5 30.7

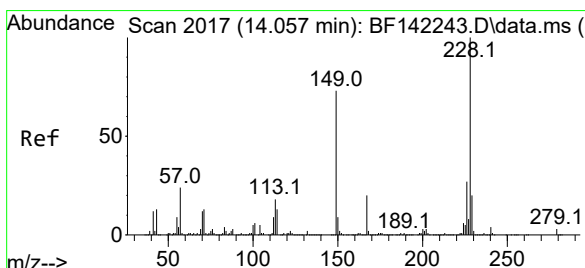
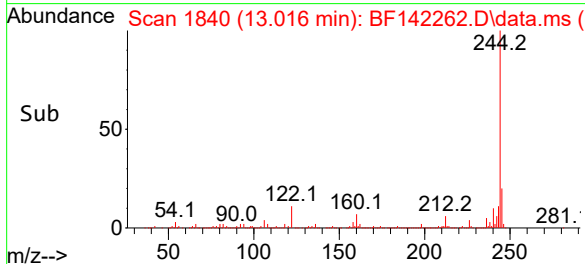
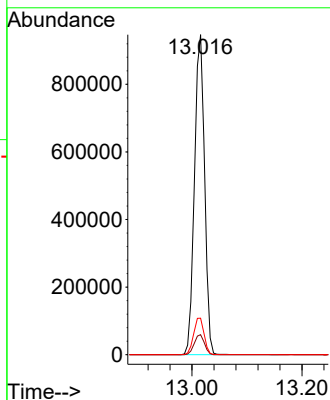
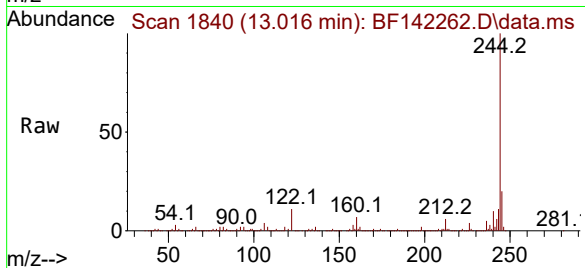




#79
 Terphenyl-d14
 Concen: 40.095 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

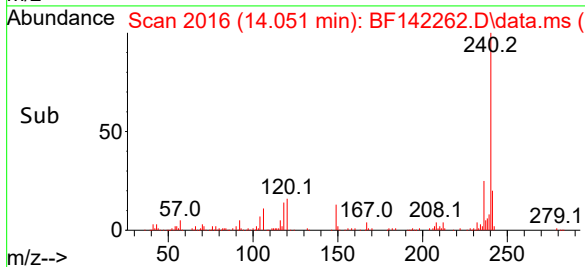
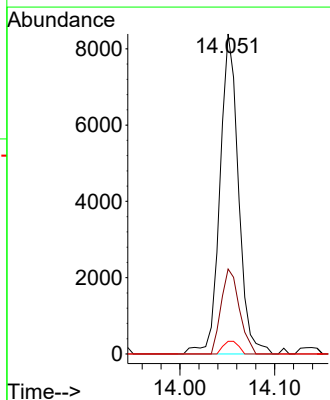
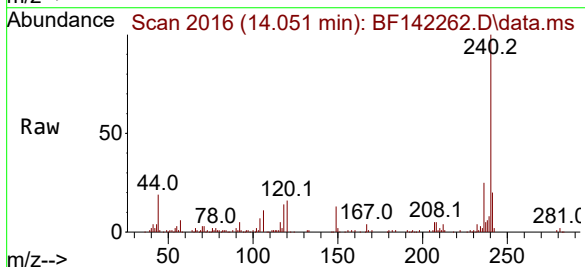
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

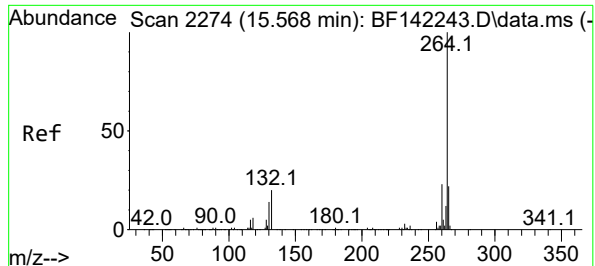
Tgt Ion:244 Resp: 1207717
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 11.4 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.148 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142262.D
 Acq: 01 May 2025 16:03

Tgt Ion:149 Resp: 11440
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.7 32.5
 279 4.0 3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142262.D

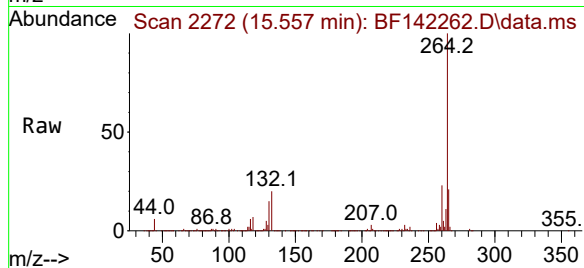
Acq: 01 May 2025 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-4



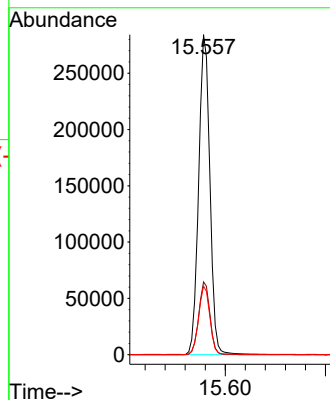
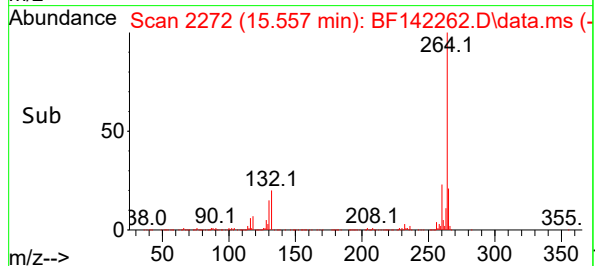
Tgt Ion:264 Resp: 441251

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.4 17.3 25.9



Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142263.D	1	04/29/25 09:30	05/01/25 16:31	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	28.8	U	28.8	220	ug/Kg
86-73-7	Fluorene	32.0	U	32.0	220	ug/Kg
85-01-8	Phenanthrene	26.5	U	26.5	220	ug/Kg
120-12-7	Anthracene	42.2	U	42.2	220	ug/Kg
129-00-0	Pyrene	45.6	U	45.6	220	ug/Kg
56-55-3	Benzo(a)anthracene	29.1	U	29.1	220	ug/Kg
218-01-9	Chrysene	25.2	U	25.2	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	24.1	U	24.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	37.4	U	37.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36.9	U	36.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32.6	U	32.6	220	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	61.4		18 - 107	61%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.9		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	38.3		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	214000	6.904			
1146-65-2	Naphthalene-d8	813000	8.187			
15067-26-2	Acenaphthene-d10	392000	9.939			
1517-22-2	Phenanthrene-d10	556000	11.428			
1719-03-5	Chrysene-d12	454000	14.069			
1520-96-3	Perylene-d12	452000	15.557			

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-5	SDG No.:	Q1903
Lab Sample ID:	Q1903-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	78.9
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142263.D	1	04/29/25 09:30	05/01/25 16:31	PB167779

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\BF050125\
Data File : BF142263.D
Acq On : 01 May 2025 16:31
Operator : RC/JU
Sample : Q1903-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-5

Quant Time: May 01 18:06:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	213887	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	812832	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392078	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	556035	20.000	ng	0.00
76) Chrysene-d12	14.069	240	454222	20.000	ng	0.00
86) Perylene-d12	15.557	264	451548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1058130	79.009	ng	0.00
7) Phenol-d6	6.522	99	1296508	80.168	ng	0.00
23) Nitrobenzene-d5	7.463	82	759292	61.370	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	269885	75.506	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1499337	53.918	ng	0.00
79) Terphenyl-d14	13.016	244	1194642	38.252	ng	0.00

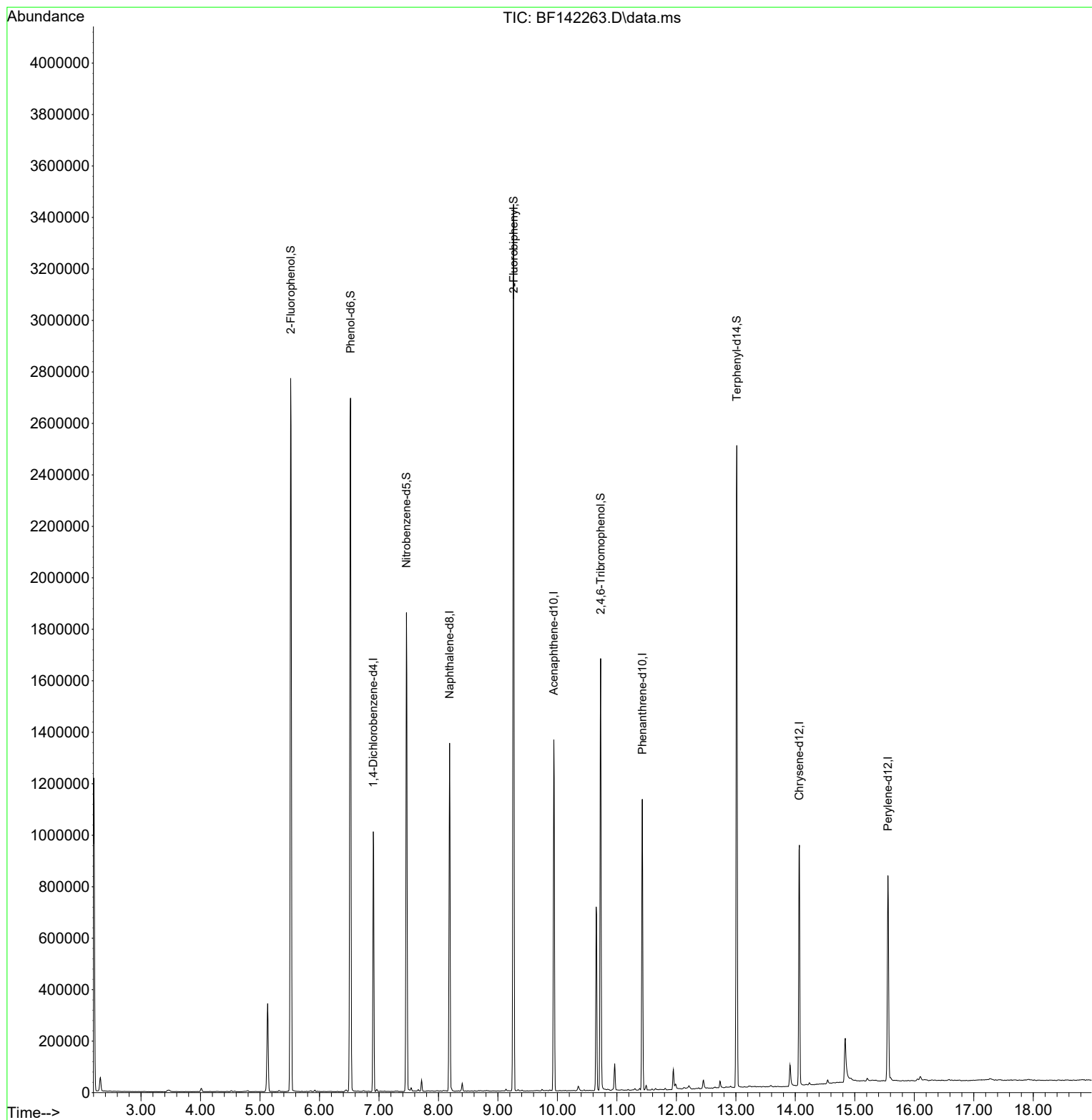
Target Compounds	Qvalue

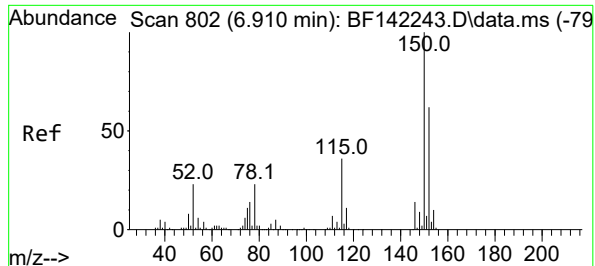
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142263.D
Acq On : 01 May 2025 16:31
Operator : RC/JU
Sample : Q1903-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-5

Quant Time: May 01 18:06:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

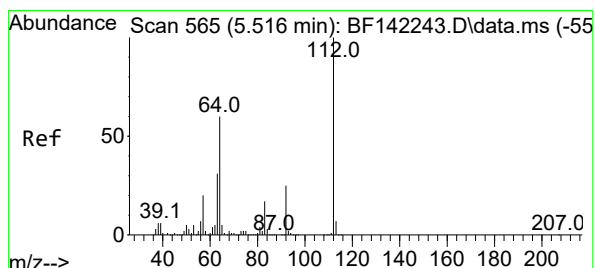
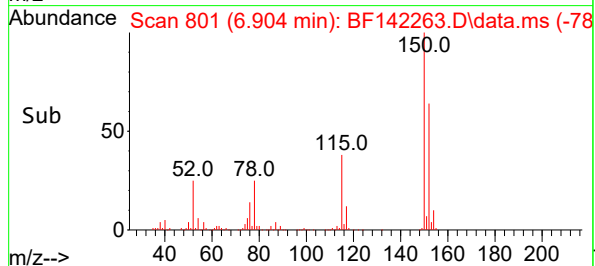
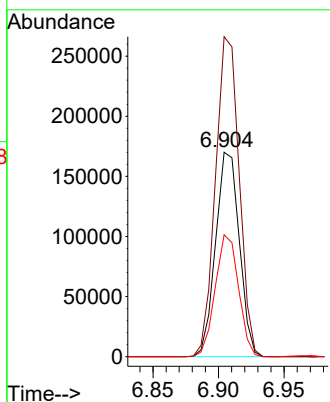
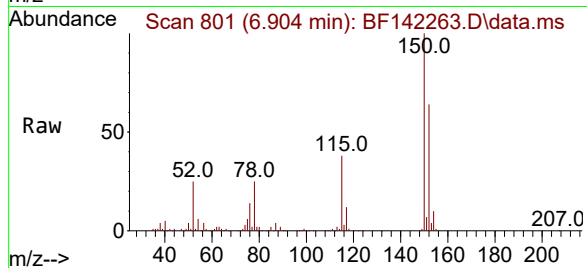




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

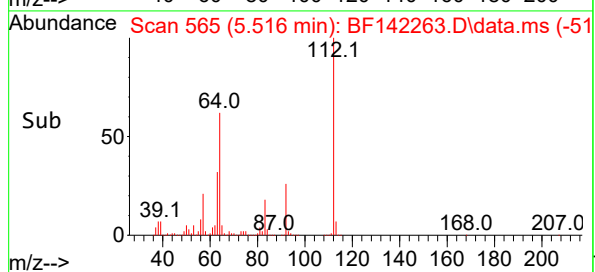
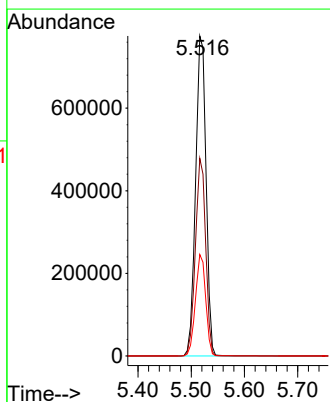
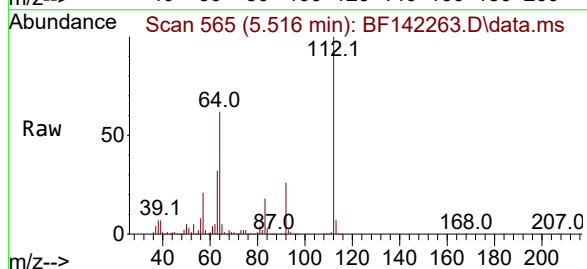
Instrument :
BNA_F
ClientSampleId :
COMP-5

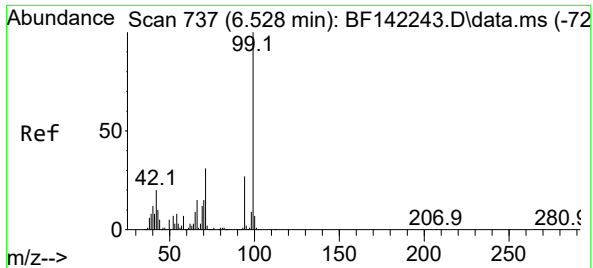
Tgt Ion:152 Resp: 213887
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 79.009 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:112 Resp: 1058130
Ion Ratio Lower Upper
112 100
64 61.8 48.4 72.6
63 31.7 24.8 37.2

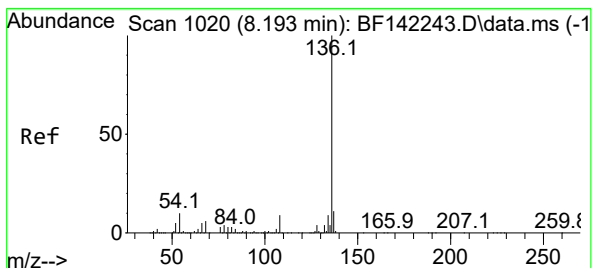
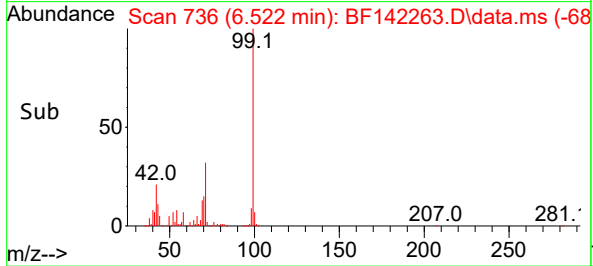
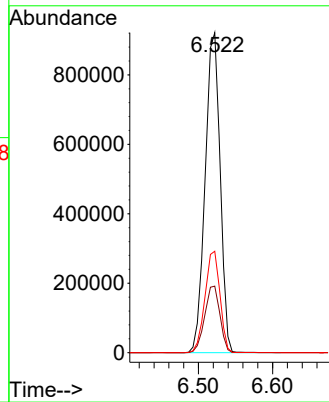
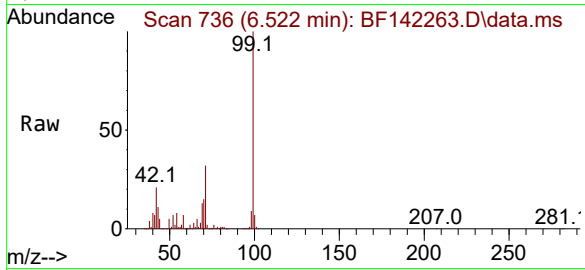




#7
Phenol-d6
Concen: 80.168 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

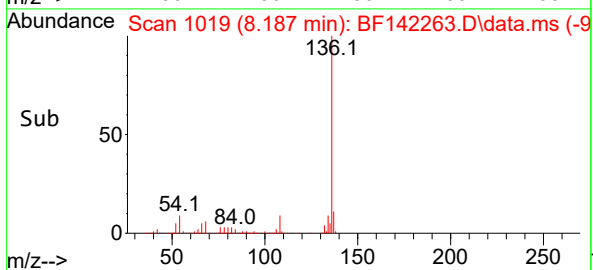
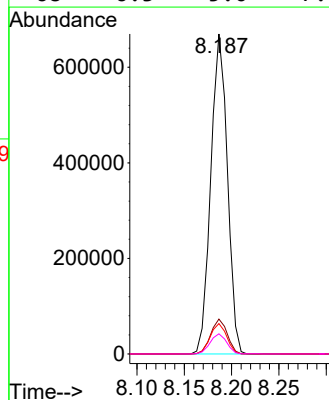
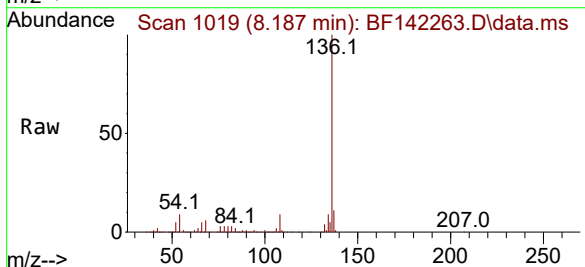
Instrument :
BNA_F
ClientSampleId :
COMP-5

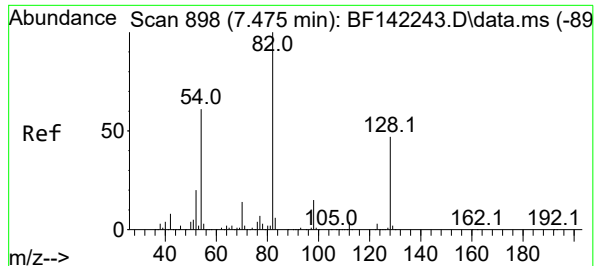
Tgt Ion: 99 Resp: 1296508
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 136 Resp: 812832
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.370 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

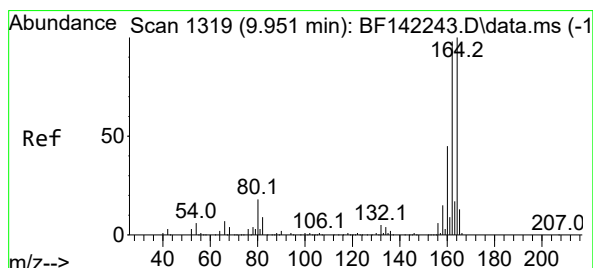
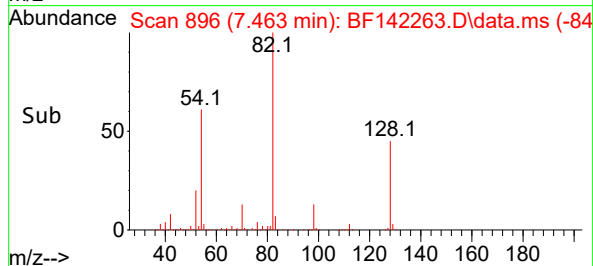
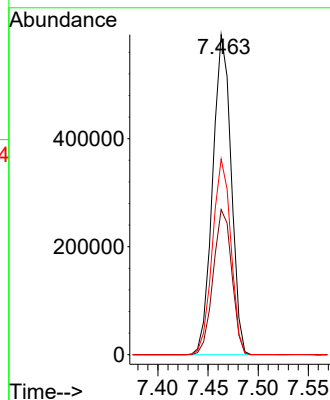
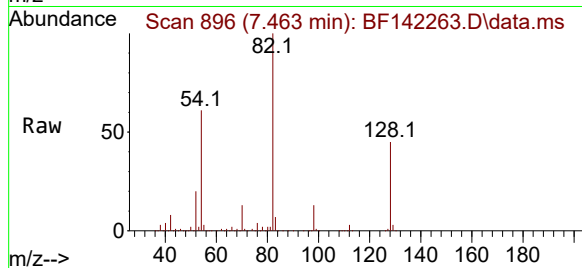
Tgt Ion: 82 Resp: 759292

Ion Ratio Lower Upper

82 100

128 45.4 37.0 55.6

54 61.2 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

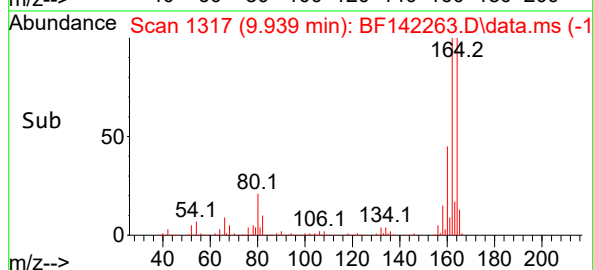
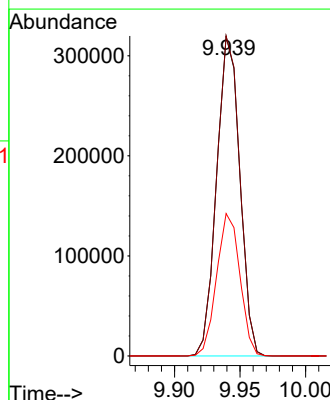
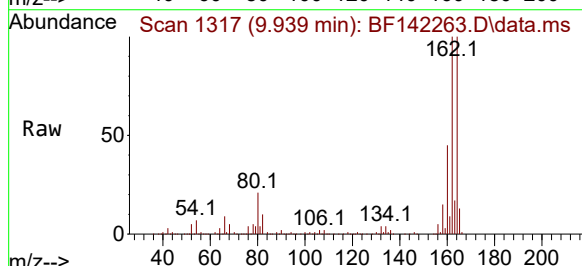
Tgt Ion:164 Resp: 392078

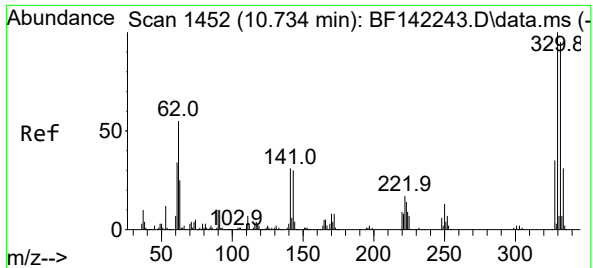
Ion Ratio Lower Upper

164 100

162 100.2 78.6 117.8

160 44.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 75.506 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

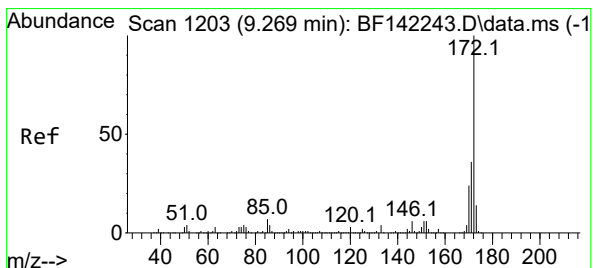
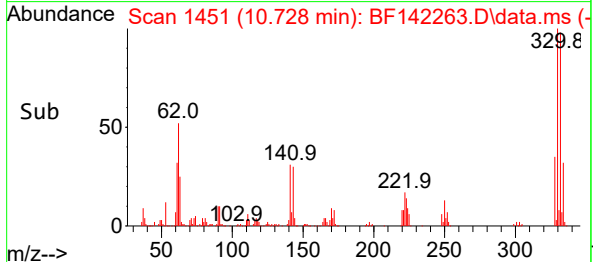
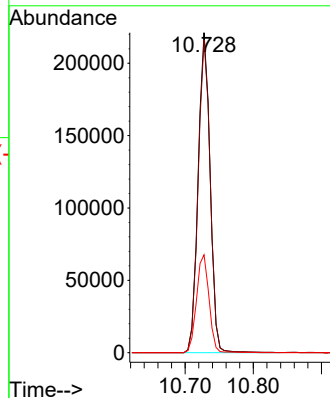
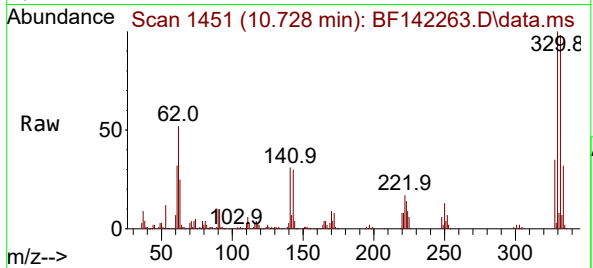
Tgt Ion:330 Resp: 269885

Ion Ratio Lower Upper

330 100

332 98.1 76.5 114.7

141 31.8 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 53.918 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

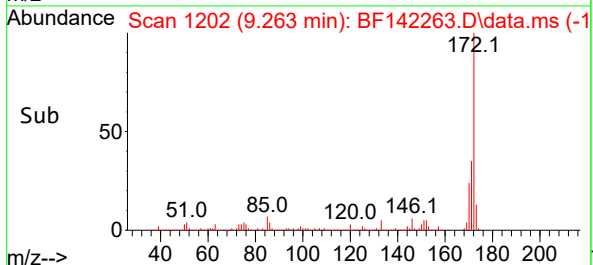
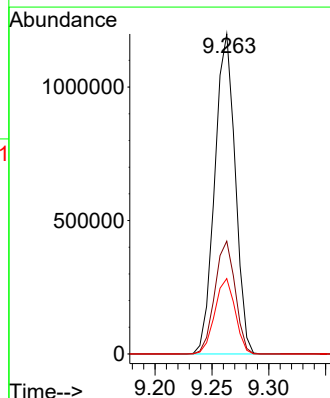
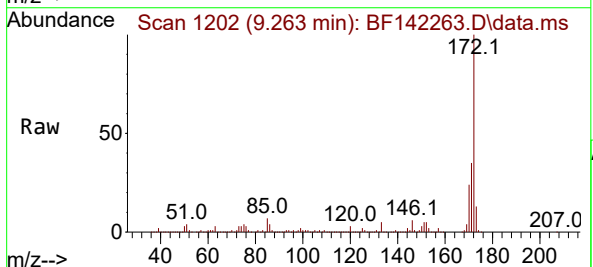
Tgt Ion:172 Resp: 1499337

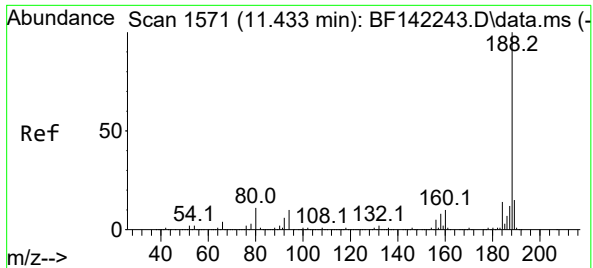
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.5 19.4 29.0

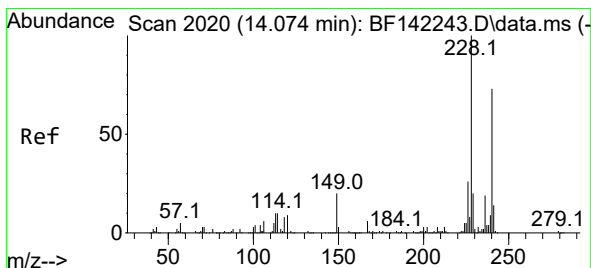
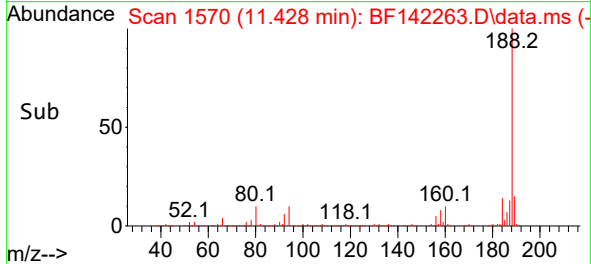
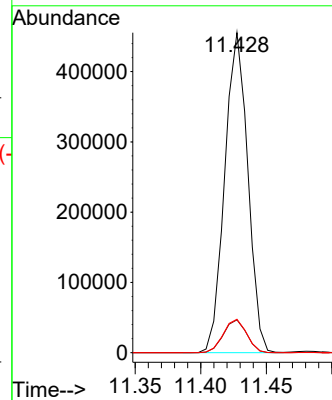
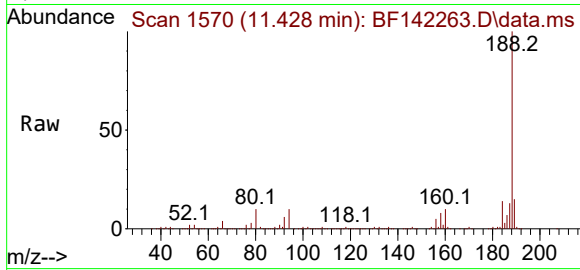




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

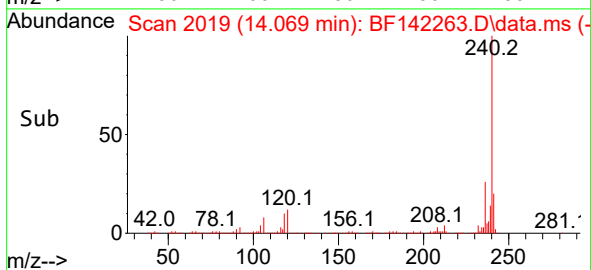
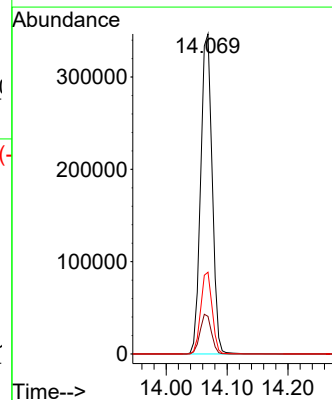
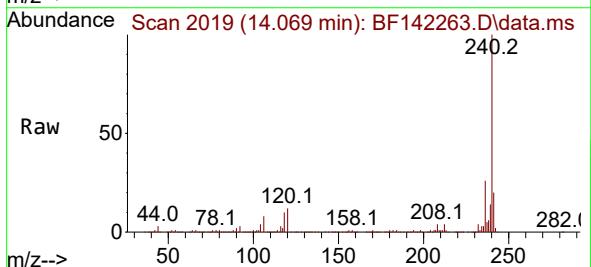
Instrument :
BNA_F
ClientSampleId :
COMP-5

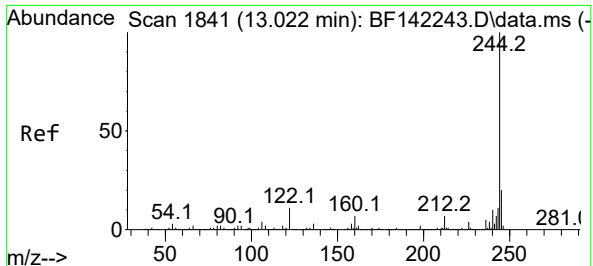
Tgt Ion:188 Resp: 556035
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:240 Resp: 454222
Ion Ratio Lower Upper
240 100
120 11.7 10.1 15.1
236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 38.252 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

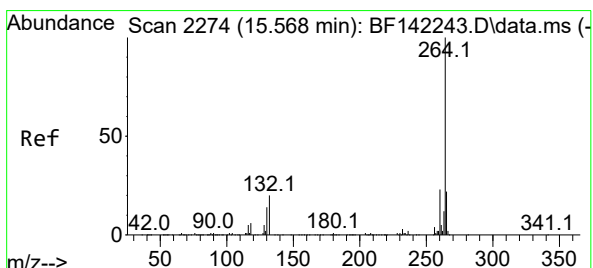
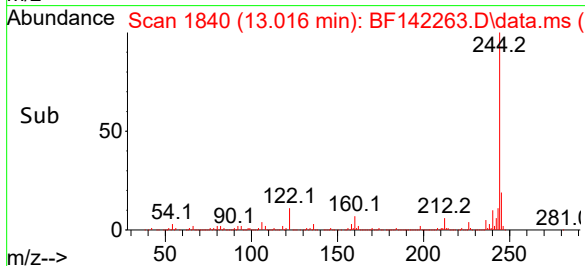
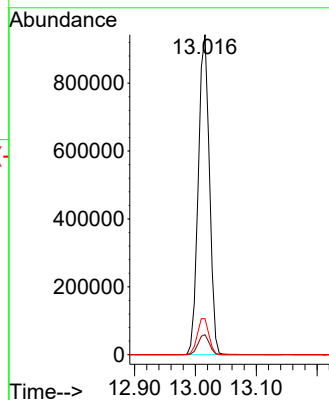
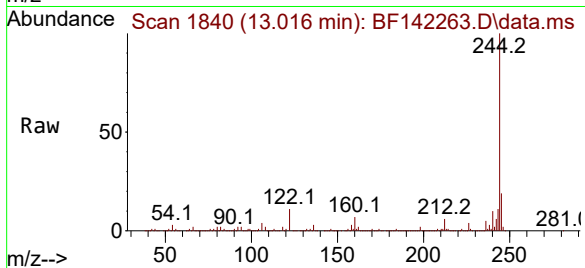
Tgt Ion:244 Resp: 1194642

Ion Ratio Lower Upper

244 100

212 6.2 5.3 7.9

122 11.3 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

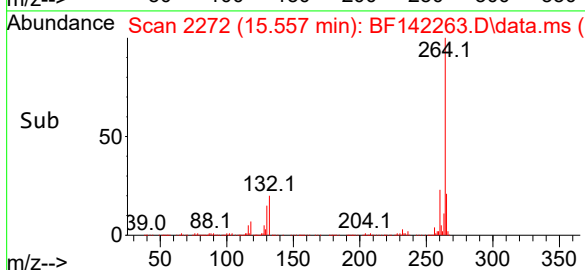
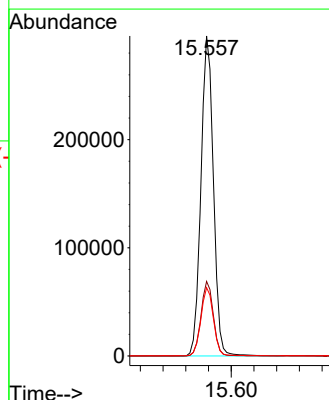
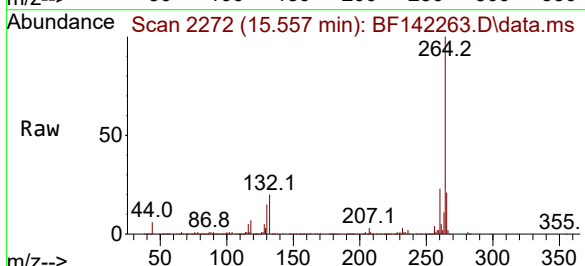
Tgt Ion:264 Resp: 451548

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.4 17.3 25.9



Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.9
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000
		Test:	SVOCMS Group1
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142264.D	1	04/29/25 09:30	05/01/25 17:00	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	27.0	U	27.0	200	ug/Kg
86-73-7	Fluorene	30.1	U	30.1	200	ug/Kg
85-01-8	Phenanthrene	24.9	U	24.9	200	ug/Kg
120-12-7	Anthracene	39.7	U	39.7	200	ug/Kg
129-00-0	Pyrene	42.9	U	42.9	200	ug/Kg
56-55-3	Benzo(a)anthracene	27.4	U	27.4	200	ug/Kg
218-01-9	Chrysene	23.7	U	23.7	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.6	U	22.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.1	U	35.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.6	U	34.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.6	U	30.6	200	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	60.3		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.6		20 - 109	56%	SPK: 100
1718-51-0	Terphenyl-d14	38.6		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	206000		6.904		
1146-65-2	Naphthalene-d8	784000		8.186		
15067-26-2	Acenaphthene-d10	381000		9.939		
1517-22-2	Phenanthrene-d10	530000		11.427		
1719-03-5	Chrysene-d12	453000		14.068		
1520-96-3	Perylene-d12	438000		15.557		

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/25/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	COMP-6	SDG No.:	Q1903
Lab Sample ID:	Q1903-03	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	83.9
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142264.D	1	04/29/25 09:30	05/01/25 17:00	PB167779

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\BF050125\
 Data File : BF142264.D
 Acq On : 01 May 2025 17:00
 Operator : RC/JU
 Sample : Q1903-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-6

Quant Time: May 01 18:07:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

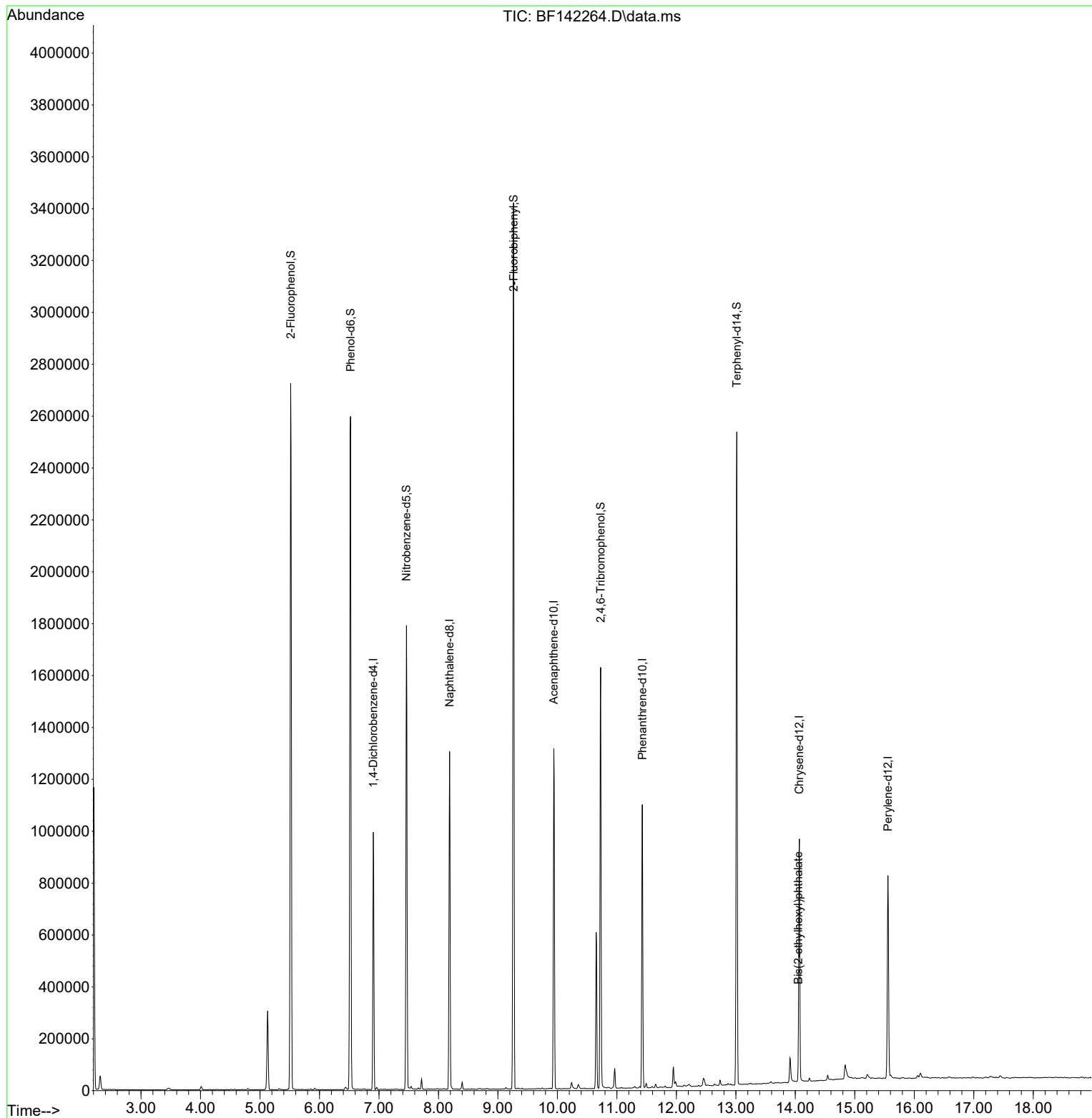
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206274	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	784232	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	381114	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	529947	20.000	ng	0.00
76) Chrysene-d12	14.068	240	453109	20.000	ng	0.00
86) Perylene-d12	15.557	264	437720	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1023038	79.208	ng	0.00
7) Phenol-d6	6.522	99	1244951	79.821	ng	0.00
23) Nitrobenzene-d5	7.463	82	719697	60.291	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	266029	76.569	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1502671	55.593	ng	0.00
79) Terphenyl-d14	13.016	244	1201650	38.571	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.051	149	12211	4.170	ng	Qvalue 98

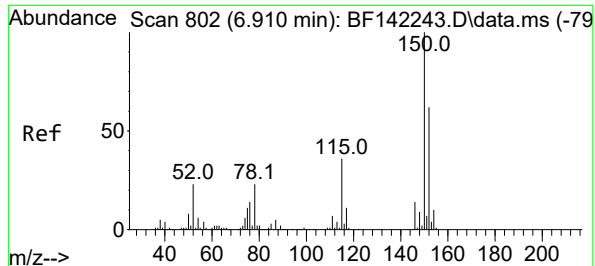
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142264.D
Acq On : 01 May 2025 17:00
Operator : RC/JU
Sample : Q1903-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-6

Quant Time: May 01 18:07:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

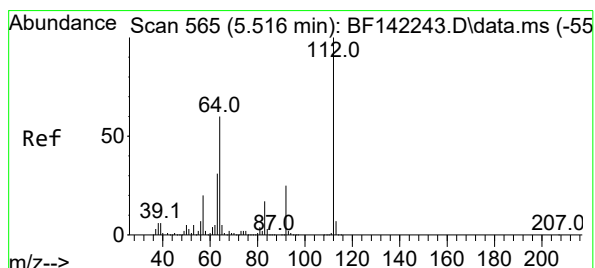
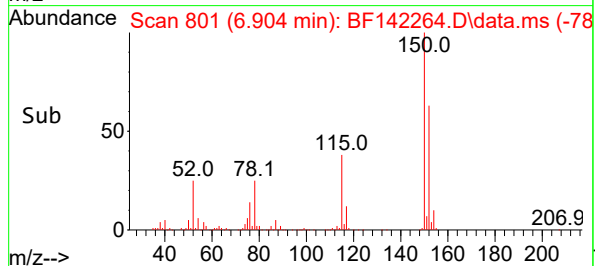
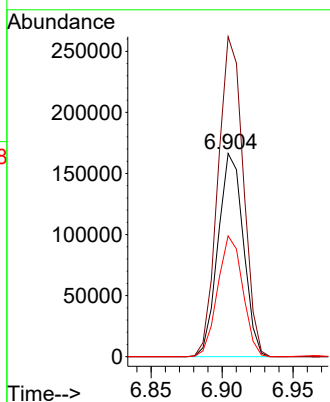
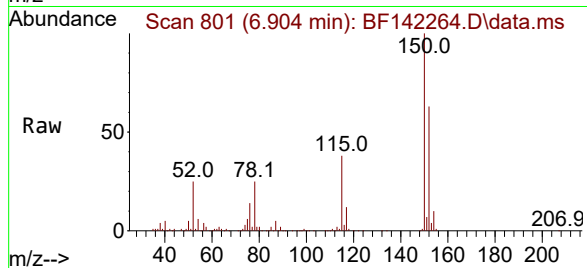




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

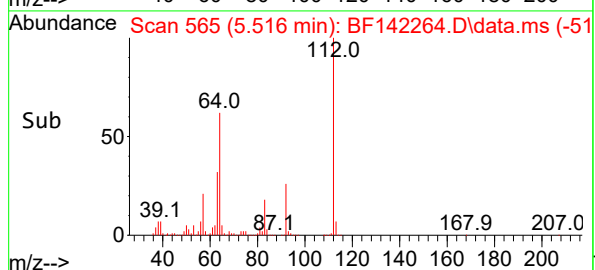
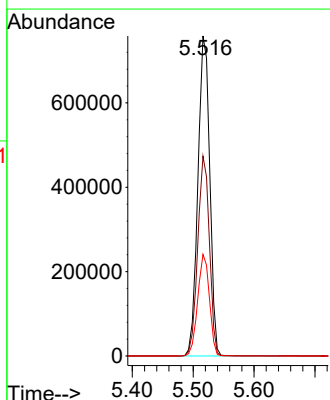
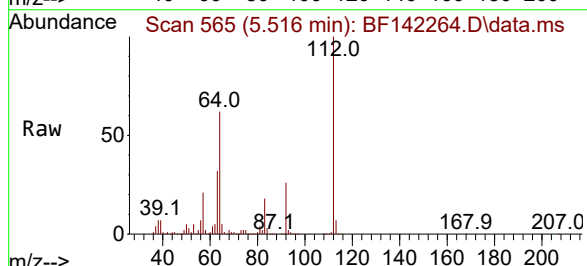
Instrument :
BNA_F
ClientSampleId :
COMP-6

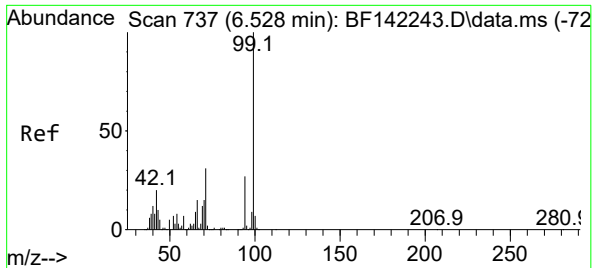
Tgt Ion:152 Resp: 206274
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 79.208 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion:112 Resp: 1023038
Ion Ratio Lower Upper
112 100
64 62.5 48.4 72.6
63 31.8 24.8 37.2

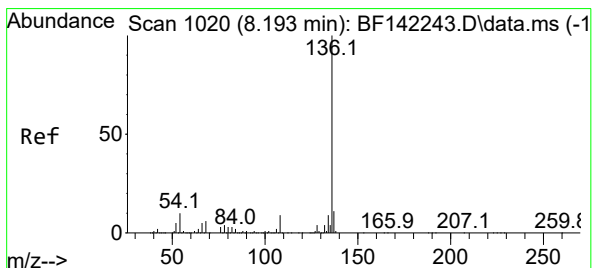
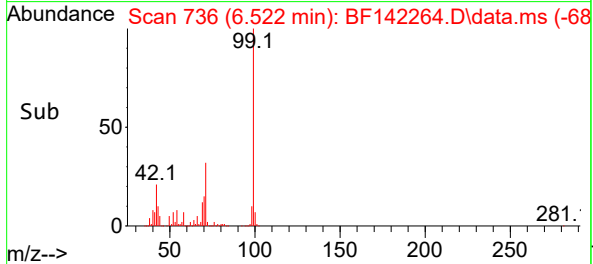
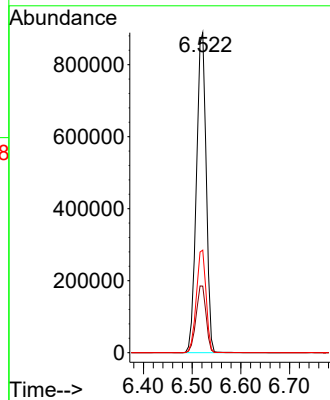
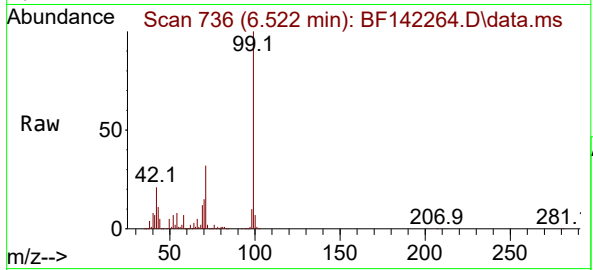




#7
Phenol-d6
Concen: 79.821 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

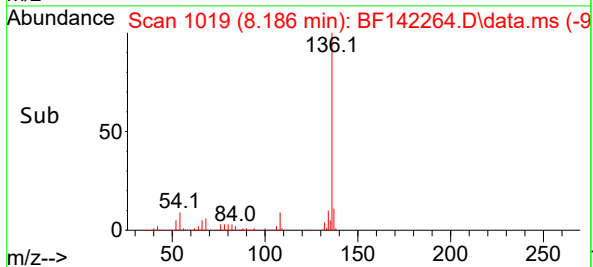
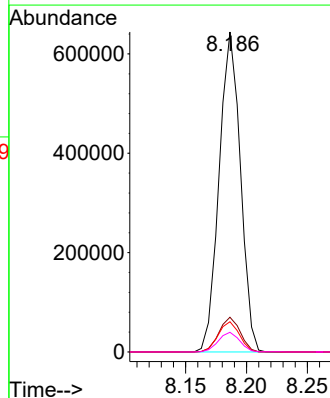
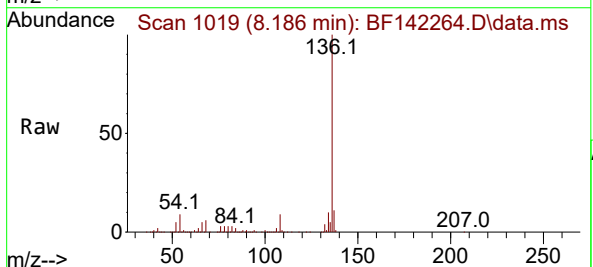
Instrument :
BNA_F
ClientSampleId :
COMP-6

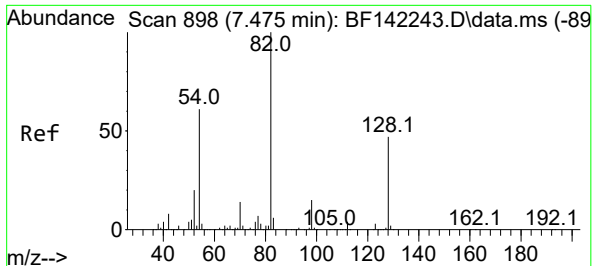
Tgt Ion: 99 Resp: 1244951
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142264.D
Acq: 01 May 2025 17:00

Tgt Ion: 136 Resp: 784232
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.4 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 60.291 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142264.D

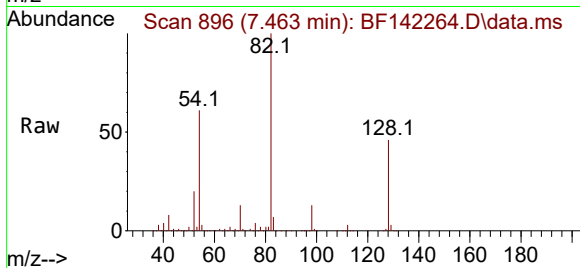
Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6



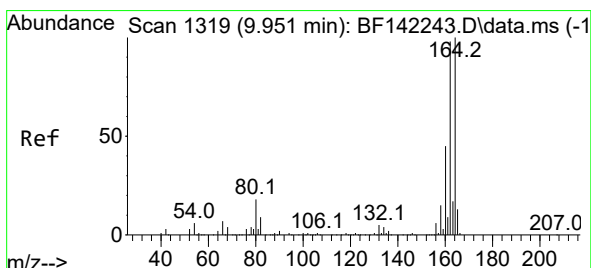
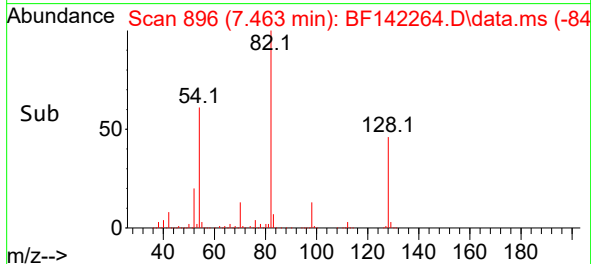
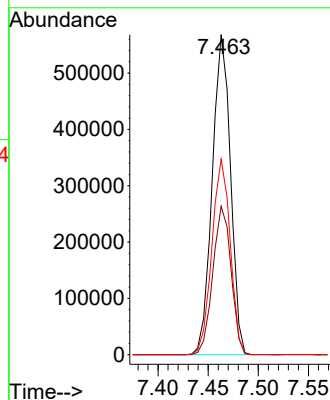
Tgt Ion: 82 Resp: 719697

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

54 61.1 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

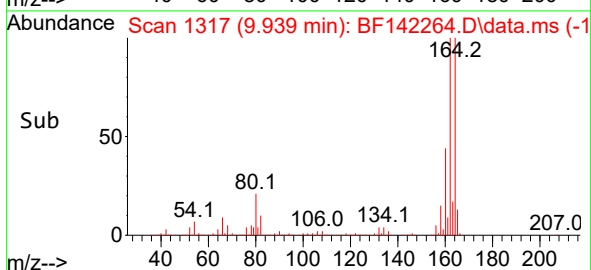
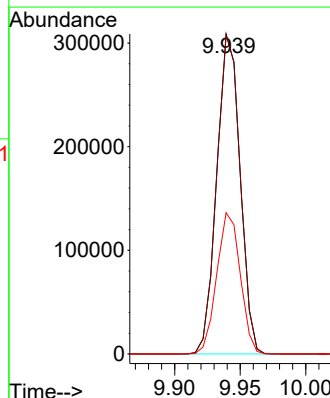
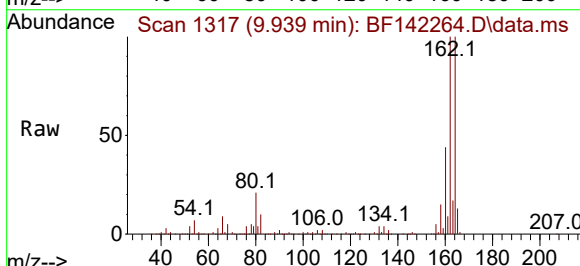
Tgt Ion: 164 Resp: 381114

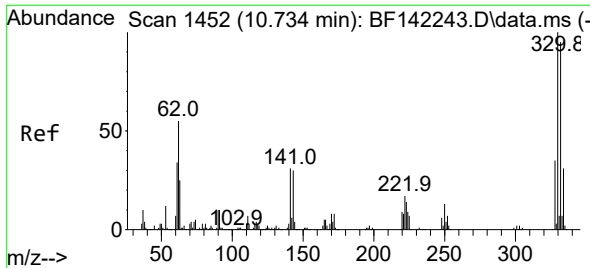
Ion Ratio Lower Upper

164 100

162 99.6 78.6 117.8

160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 76.569 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142264.D

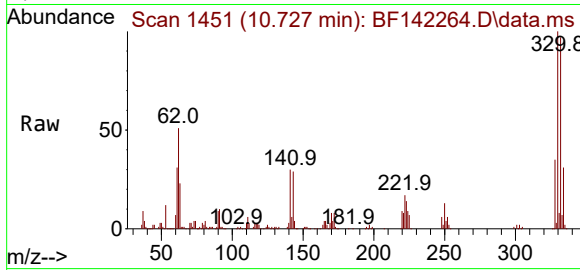
Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6



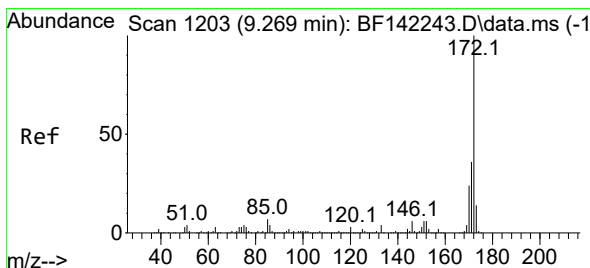
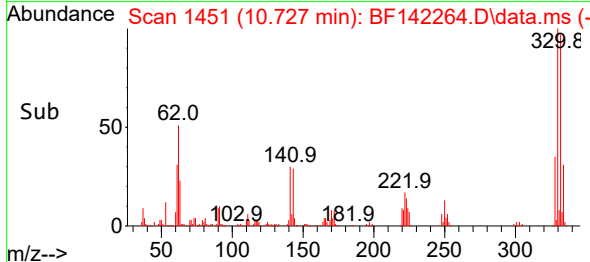
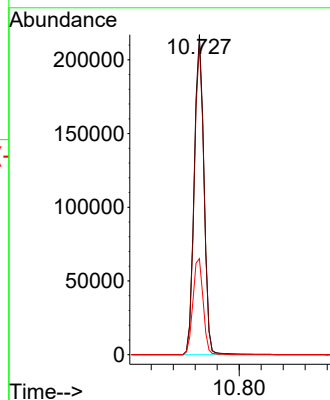
Tgt Ion:330 Resp: 266029

Ion Ratio Lower Upper

330 100

332 97.1 76.5 114.7

141 31.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 55.593 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

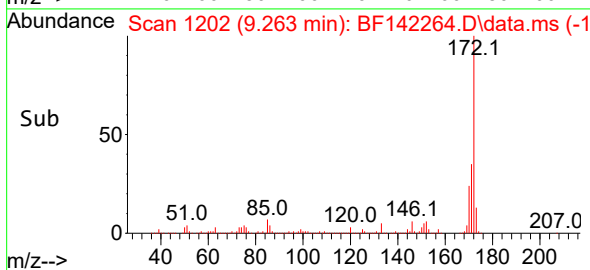
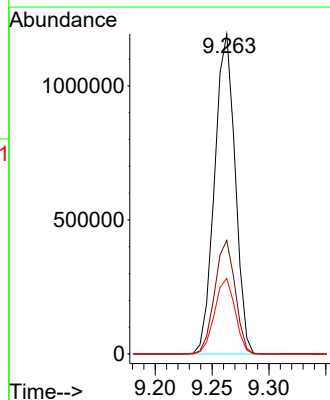
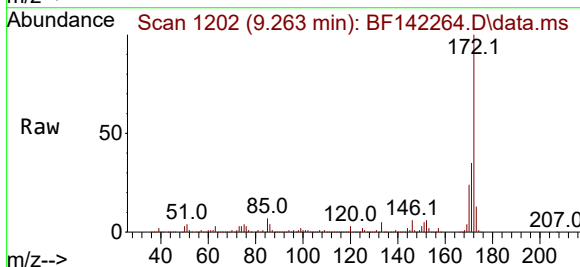
Tgt Ion:172 Resp: 1502671

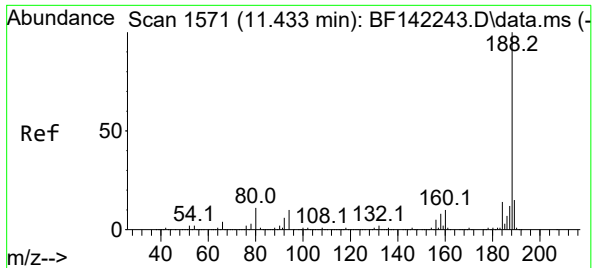
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6

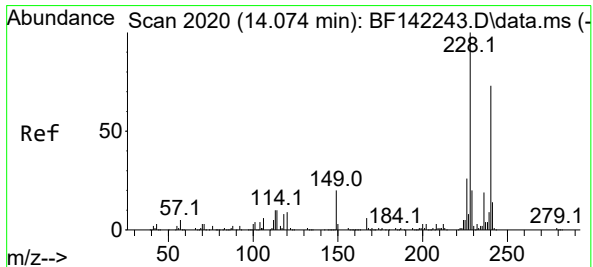
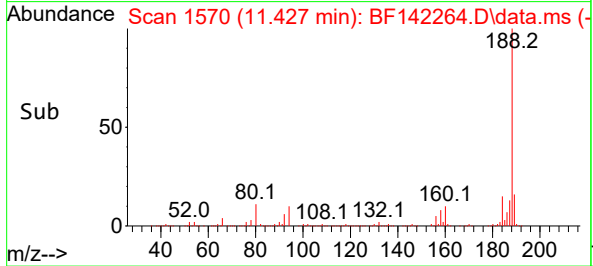
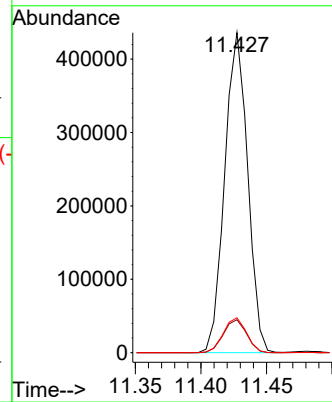
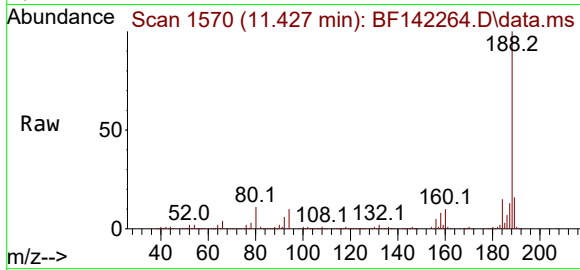
Tgt Ion:188 Resp: 529947

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.9 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

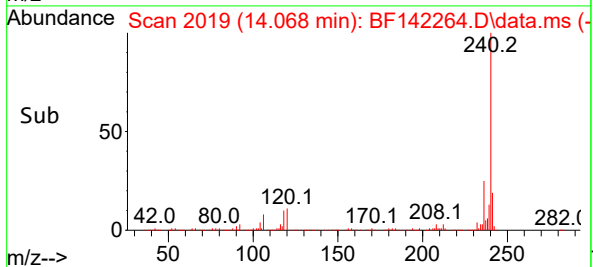
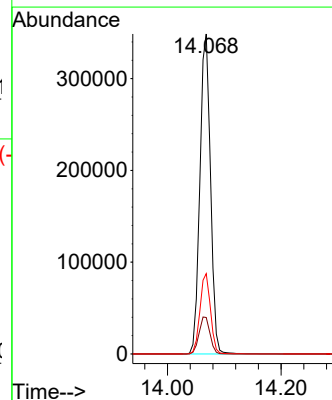
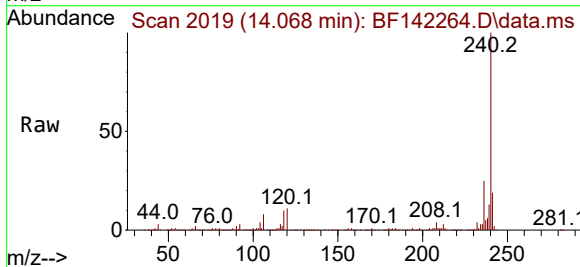
Tgt Ion:240 Resp: 453109

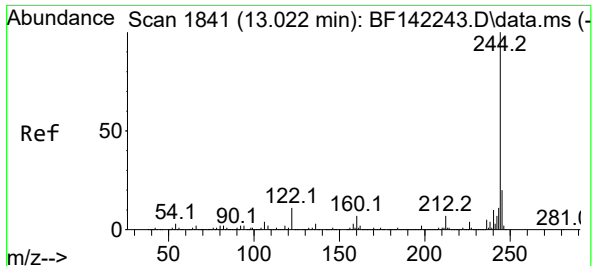
Ion Ratio Lower Upper

240 100

120 11.4 10.1 15.1

236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 38.571 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6

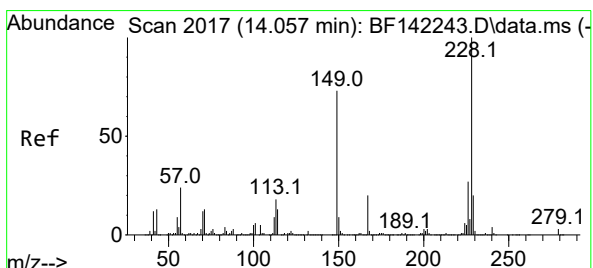
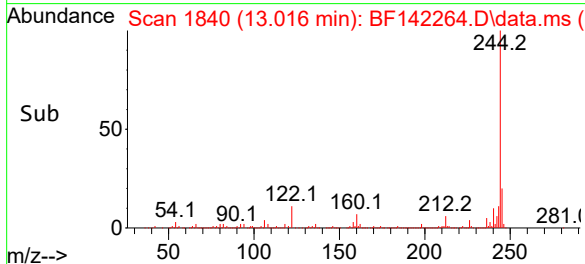
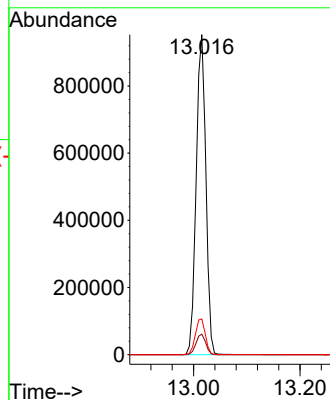
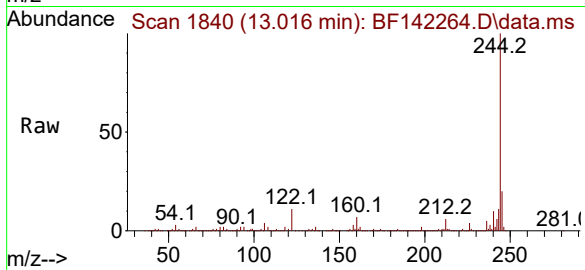
Tgt Ion:244 Resp: 1201650

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.1 9.1 13.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.170 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142264.D

Acq: 01 May 2025 17:00

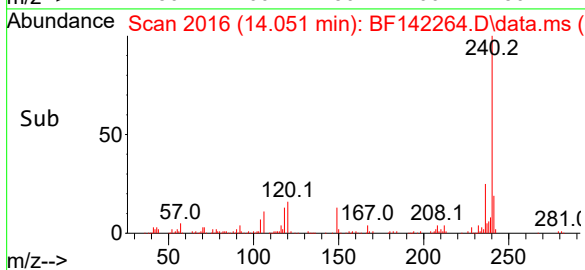
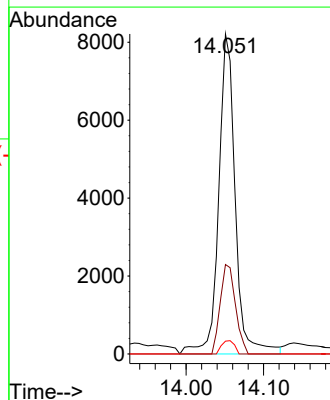
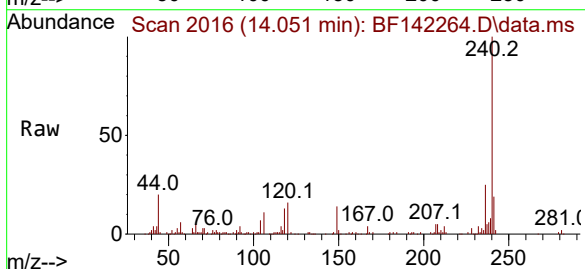
Tgt Ion:149 Resp: 12211

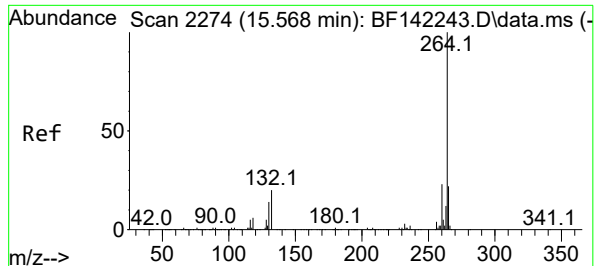
Ion Ratio Lower Upper

149 100

167 28.0 21.7 32.5

279 4.0 3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142264.D

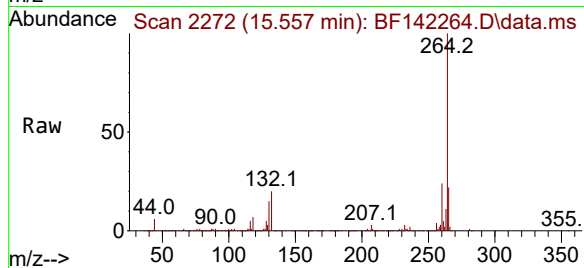
Acq: 01 May 2025 17:00

Instrument :

BNA_F

ClientSampleId :

COMP-6



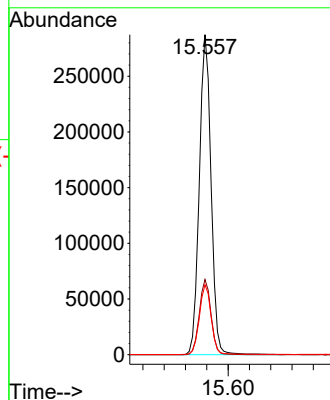
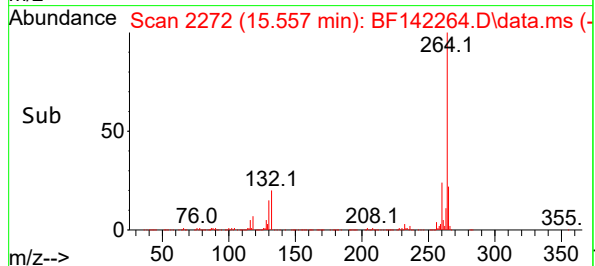
Tgt Ion:264 Resp: 437720

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.9 17.3 25.9





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02
 Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG No.: Q1903
 Instrument ID: BNA_F Calibration Date(s): 04/30/2025 04/30/2025
 Calibration Time(s): 11:24 14:43

LAB FILE ID:		RRF2.5 = BF142239.D		RRF005 = BF142240.D		RRF010 = BF142241.D		
		RRF020 = BF142242.D		RRF040 = BF142243.D		RRF050 = BF142244.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.324	1.238	1.265	1.314	1.285	1.252	5.3
Phenol-d6		1.559	1.505	1.534	1.593	1.550	1.512	4.9
Nitrobenzene-d5		0.217	0.251	0.302	0.340	0.351	0.304	16.9
Naphthalene		1.106	1.040	1.035	1.020	0.999	0.997	8.2
2-Fluorobiphenyl		1.738	1.580	1.520	1.409	1.347	1.418	15.1
Fluorene		1.493	1.403	1.351	1.317	1.273	1.299	10.7
2,4,6-Tribromophenol		0.139	0.158	0.184	0.204	0.205	0.182	13.7
Phenanthrene		1.218	1.114	1.119	1.112	1.064	1.080	8.5
Anthracene		1.209	1.161	1.151	1.128	1.099	1.105	7.8
Pyrene		1.833	1.801	1.849	2.026	1.937	1.845	6.5
Terphenyl-d14		1.472	1.413	1.422	1.481	1.392	1.375	8.4
Benzo (a) anthracene		1.379	1.320	1.332	1.438	1.388	1.343	5.1
Chrysene		1.302	1.210	1.249	1.232	1.227	1.222	4.1
Benzo (b) fluoranthene		1.317	1.220	1.208	1.302	1.271	1.242	4.4
Benzo (a) pyrene		1.121	1.098	1.146	1.203	1.180	1.137	3.9
Indeno (1,2,3-cd) pyrene		1.323	1.384	1.466	1.613	1.556	1.465	6.8
Benzo (g,h,i) perylene		1.076	1.138	1.204	1.308	1.267	1.195	6.6

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-BF043025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Apr 30 16:00:01 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF142239.D 5 =BF142240.D 10 =BF142241.D 20 =BF142242.D 40 =BF142243.D 50 =BF142244.D 60 =BF142245.D 80 =BF142246.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.563	0.534	0.561	0.592	0.580	0.555	0.530	0.559		4.03
3)	Pyridine	1.465	1.391	1.454	1.522	1.503	1.460	1.380	1.454		3.62
4)	n-Nitrosodimet...	0.747	0.699	0.728	0.807	0.789	0.766	0.731	0.752		4.95
5) S	2-Fluorophenol	1.324	1.238	1.265	1.314	1.285	1.210	1.131	1.252		5.35
6)	Aniline	2.212	2.085	2.157	2.245	2.203	2.101	1.981	2.140		4.29
7) S	Phenol-d6	1.559	1.505	1.534	1.593	1.550	1.475	1.370	1.512		4.85
8)	2-Chlorophenol	1.252	1.232	1.304	1.379	1.354	1.313	1.225	1.294		4.64
9)	Benzaldehyde	1.154	1.088	1.095	1.117	1.078	0.993	0.875	1.057		8.91
10) C	Phenol	1.679	1.588	1.657	1.715	1.687	1.603	1.468	1.628		5.15
11)	bis(2-Chloroet...	1.345	1.250	1.270	1.318	1.285	1.231	1.132	1.262		5.46
12)	1,3-Dichlorobe...	1.571	1.485	1.485	1.533	1.478	1.396	1.299	1.464		6.18
13) C	1,4-Dichlorobe...	1.610	1.486	1.495	1.546	1.488	1.404	1.295	1.475		6.86
14)	1,2-Dichlorobe...	1.489	1.418	1.431	1.475	1.432	1.356	1.255	1.408		5.67
15)	Benzyl Alcohol	1.047	1.017	1.064	1.149	1.126	1.082	1.023	1.073		4.69
16)	2,2'-oxybis(1-...	2.368	2.287	2.303	2.386	2.344	2.216	2.043	2.278		5.19
17)	2-Methylphenol	1.085	1.029	1.068	1.121	1.084	1.050	0.983	1.060		4.19
18)	Hexachloroethane	0.468	0.466	0.481	0.511	0.514	0.489	0.451	0.483		4.84
19) P	n-Nitroso-di-n...	0.953	0.987	0.937	0.949	0.967	0.939	0.898	0.844	0.934	4.77
20)	3+4-Methylphenols	1.357	1.323	1.372	1.400	1.366	1.296	1.166	1.326		5.90
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.511	0.482	0.483	0.468	0.461	0.430	0.404	0.463		7.70
23) S	Nitrobenzene-d5	0.217	0.251	0.302	0.340	0.351	0.339	0.330	0.304		16.88
24)	Nitrobenzene	0.229	0.261	0.297	0.328	0.338	0.323	0.314	0.299		13.31
25)	Isophorone	0.660	0.630	0.642	0.660	0.654	0.626	0.601	0.639		3.36
26) C	2-Nitrophenol	0.048	0.057	0.083	0.115	0.132	0.136	0.142	0.102		38.38#
27)	2,4-Dimethylph...	0.315	0.319	0.333	0.337	0.333	0.315	0.302	0.322		3.96
28)	bis(2-Chloroet...	0.425	0.404	0.414	0.415	0.410	0.386	0.366	0.403		4.98
29) C	2,4-Dichloroph...	0.246	0.253	0.274	0.291	0.286	0.272	0.263	0.269		6.12
30)	1,2,4-Trichlor...	0.320	0.303	0.305	0.312	0.304	0.287	0.273	0.301		5.28
31)	Naphthalene	1.106	1.040	1.035	1.020	0.999	0.924	0.858	0.997		8.21
32)	Benzoic acid		0.048	0.087	0.130	0.146	0.159	0.179	0.125		39.24
33)	4-Chloroaniline	0.446	0.414	0.429	0.429	0.423	0.396	0.371	0.415		5.98
34) C	Hexachlorobuta...	0.180	0.175	0.179	0.185	0.178	0.170	0.161	0.175		4.35
35)	Caprolactam	0.068	0.073	0.081	0.087	0.089	0.085	0.083	0.081		9.45
36) C	4-Chloro-3-met...	0.262	0.265	0.279	0.295	0.293	0.276	0.266	0.277		4.84
37)	2-Methylnaphth...	0.679	0.637	0.633	0.623	0.612	0.574	0.534	0.613		7.69
38)	1-Methylnaphth...	0.700	0.655	0.667	0.652	0.641	0.590	0.542	0.635		8.29

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF043025.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.621	0.575	0.572	0.576	0.566	0.534	0.496	0.563	6.88	
41) P	Hexachlorocycl...	0.244	0.265	0.306	0.352	0.368	0.358	0.343	0.319	15.23	
42) S	2,4,6-Tribromo...	0.139	0.158	0.184	0.204	0.205	0.197	0.190	0.182	13.73	
43) C	2,4,6-Trichlor...	0.275	0.329	0.353	0.370	0.375	0.381	0.357	0.349	10.50	
44)	2,4,5-Trichlor...	0.322	0.330	0.362	0.404	0.411	0.371	0.365	0.367	9.17	
45) S	2-Fluorobiphenyl	1.738	1.580	1.520	1.409	1.347	1.221	1.114	1.418	15.11	
46)	1,1'-Biphenyl	1.773	1.621	1.612	1.581	1.547	1.435	1.316	1.555	9.38	
47)	2-Chloronaphth...	1.289	1.176	1.191	1.185	1.157	1.085	1.014	1.157	7.51	
48)	2-Nitroaniline	0.119	0.156	0.228	0.295	0.316	0.315	0.316	0.249	33.25	
49)	Acenaphthylene	2.149	2.025	2.025	1.997	1.965	1.828	1.675	1.952	7.93	
50)	Dimethylphthalate	1.362	1.284	1.301	1.321	1.309	1.227	1.152	1.280	5.42	
51)	2,6-Dinitrotol...	0.098	0.137	0.193	0.241	0.259	0.254	0.249	0.204	31.45	
52) C	Acenaphthene	1.271	1.175	1.156	1.172	1.138	1.072	0.995	1.140	7.63	
53)	3-Nitroaniline	0.143	0.187	0.252	0.298	0.311	0.310	0.299	0.257	26.09	
54) P	2,4-Dinitrophenol		0.025	0.036	0.057	0.069	0.076	0.085	0.058	40.36	
55)	Dibenzofuran	1.930	1.775	1.751	1.743	1.713	1.581	1.466	1.709	8.67	
56) P	4-Nitrophenol		0.131	0.177	0.216	0.233	0.230	0.220	0.201	19.82	
57)	2,4-Dinitrotol...	0.104	0.145	0.213	0.285	0.311	0.309	0.306	0.239	35.96	
58)	Fluorene	1.493	1.403	1.351	1.317	1.273	1.186	1.071	1.299	10.74	
59)	2,3,4,6-Tetrac...	0.252	0.267	0.312	0.334	0.334	0.323	0.305	0.304	10.65	
60)	Diethylphthalate	1.324	1.264	1.302	1.313	1.300	1.215	1.126	1.263	5.61	
61)	4-Chlorophenyl...	0.702	0.642	0.632	0.632	0.614	0.570	0.526	0.617	9.06	
62)	4-Nitroaniline	0.144	0.177	0.233	0.272	0.287	0.281	0.269	0.238	23.57	
63)	Azobenzene	1.346	1.260	1.275	1.279	1.278	1.198	1.098	1.248	6.33	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.022	0.034	0.055	0.065	0.071	0.075	0.054	39.23	
66) c	n-Nitrosodiphe...	0.727	0.686	0.693	0.712	0.689	0.653	0.623	0.683	5.11	
67)	4-Bromophenyl-...	0.224	0.219	0.223	0.236	0.225	0.220	0.211	0.223	3.39	
68)	Hexachlorobenzene	0.256	0.245	0.248	0.261	0.255	0.244	0.237	0.249	3.28	
69)	Atrazine	0.166	0.172	0.186	0.190	0.190	0.182	0.174	0.180	5.29	
70) C	Pentachlorophenol		0.093	0.121	0.144	0.145	0.144	0.144	0.132	16.25	
71)	Phenanthrene	1.218	1.114	1.119	1.112	1.064	0.995	0.940	1.080	8.45	
72)	Anthracene	1.209	1.161	1.151	1.128	1.099	1.025	0.959	1.105	7.77	
73)	Carbazole	1.125	1.047	1.061	1.033	0.996	0.935	0.857	1.008	8.77	
74)	Di-n-butylphth...	0.986	1.006	1.088	1.069	1.045	0.988	0.912	1.013	5.88	
75) C	Fluoranthene	1.221	1.144	1.155	1.085	1.035	0.957	0.878	1.068	11.24	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.702	0.748	0.885	0.963	0.945	0.895	0.810	0.850	11.67	
78)	Pyrene	1.833	1.801	1.849	2.026	1.937	1.833	1.635	1.845	6.54	
79) S	Terphenyl-d14	1.472	1.413	1.422	1.481	1.392	1.290	1.155	1.375	8.41	
80)	Butylbenzylphth...	0.218	0.293	0.405	0.505	0.525	0.524	0.509	0.425	29.32	
81)	Benzo(a)anthra...	1.379	1.320	1.332	1.438	1.388	1.316	1.225	1.343	5.06	
82)	3,3'-Dichlorob...	0.286	0.317	0.380	0.442	0.450	0.451	0.435	0.394	17.37	
83)	Chrysene	1.302	1.210	1.249	1.232	1.227	1.197	1.138	1.222	4.12	
84)	Bis(2-ethylhex...	0.384	0.448	0.549	0.695	0.726	0.722	0.707	0.604	23.69	
85) c	Di-n-octyl pht...		0.668	0.875	1.262	1.320	1.347	1.329	1.133	25.55	

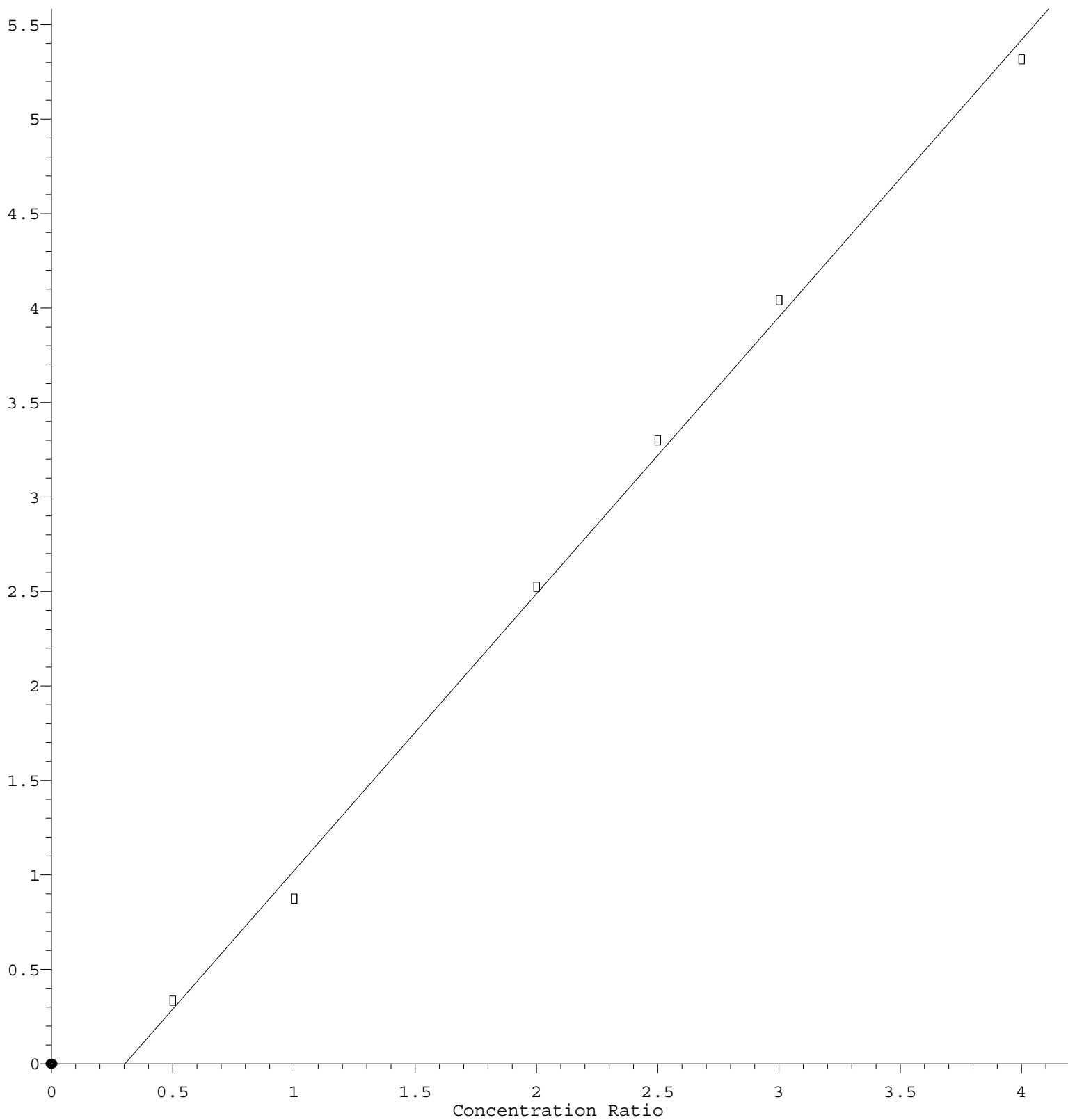
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF043025.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.323 1.384 1.466 1.613 1.556 1.490 1.422 1.465	6.78
88)	Benzo(b)fluora...	1.317 1.220 1.208 1.302 1.271 1.177 1.202 1.242	4.36
89)	Benzo(k)fluora...	1.211 1.159 1.222 1.145 1.146 1.110 0.962 1.136	7.59
90) C	Benzo(a)pyrene	1.121 1.098 1.146 1.203 1.180 1.137 1.076 1.137	3.91
91)	Dibenzo(a,h)an...	1.075 1.131 1.197 1.312 1.271 1.192 1.144 1.189	6.90
92)	Benzo(g,h,i)pe...	1.076 1.138 1.204 1.308 1.267 1.213 1.162 1.195	6.55

(#) = Out of Range

Di-n-octyl phthalate

Response Ratio



$$\text{Response} = 1.466\text{e}+000 * \text{Amt} - 4.448\text{e}-001$$

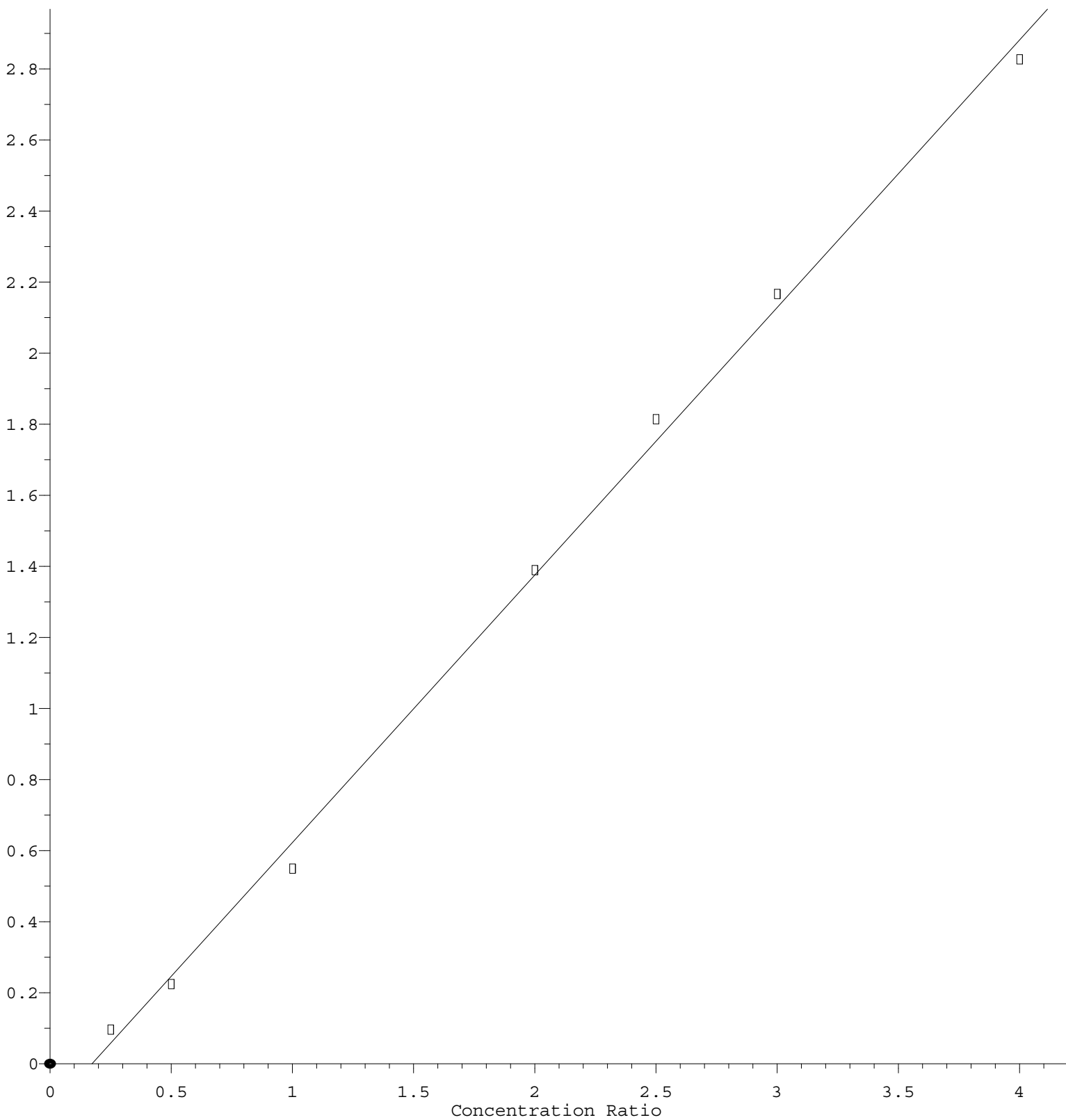
Coef of Det (r^2) = 0.997236 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Bis(2-ethylhexyl)phthalate

Response Ratio



$$\text{Response} = 7.529\text{e-}001 * \text{Amt} - 1.300\text{e-}001$$

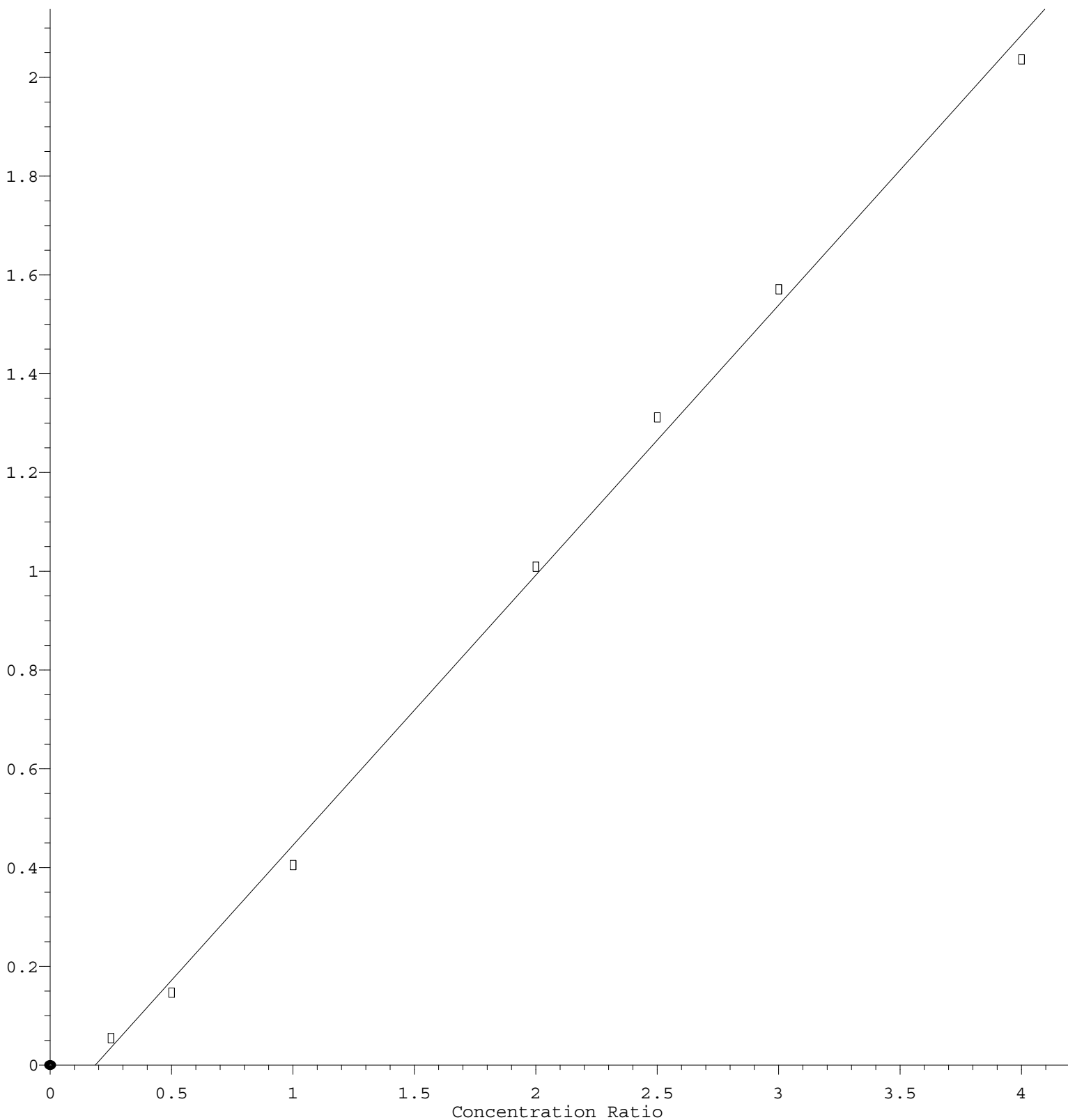
Coef of Det (r^2) = 0.997585 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Butylbenzylphthalate

Response Ratio



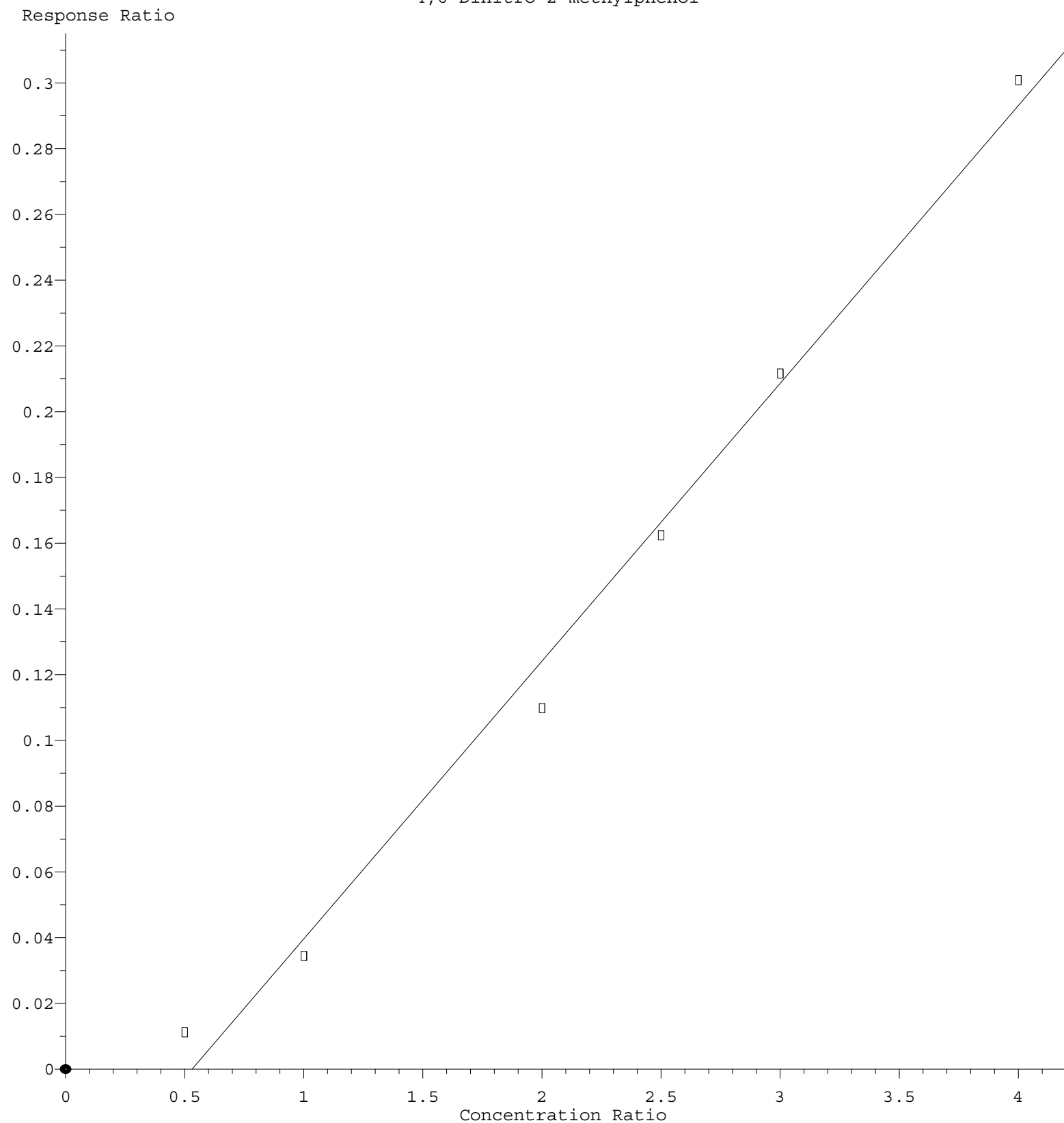
$$\text{Response} = 5.468\text{e-}001 * \text{Amt} - 1.016\text{e-}001$$

Coef of Det (r^2) = 0.997533 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

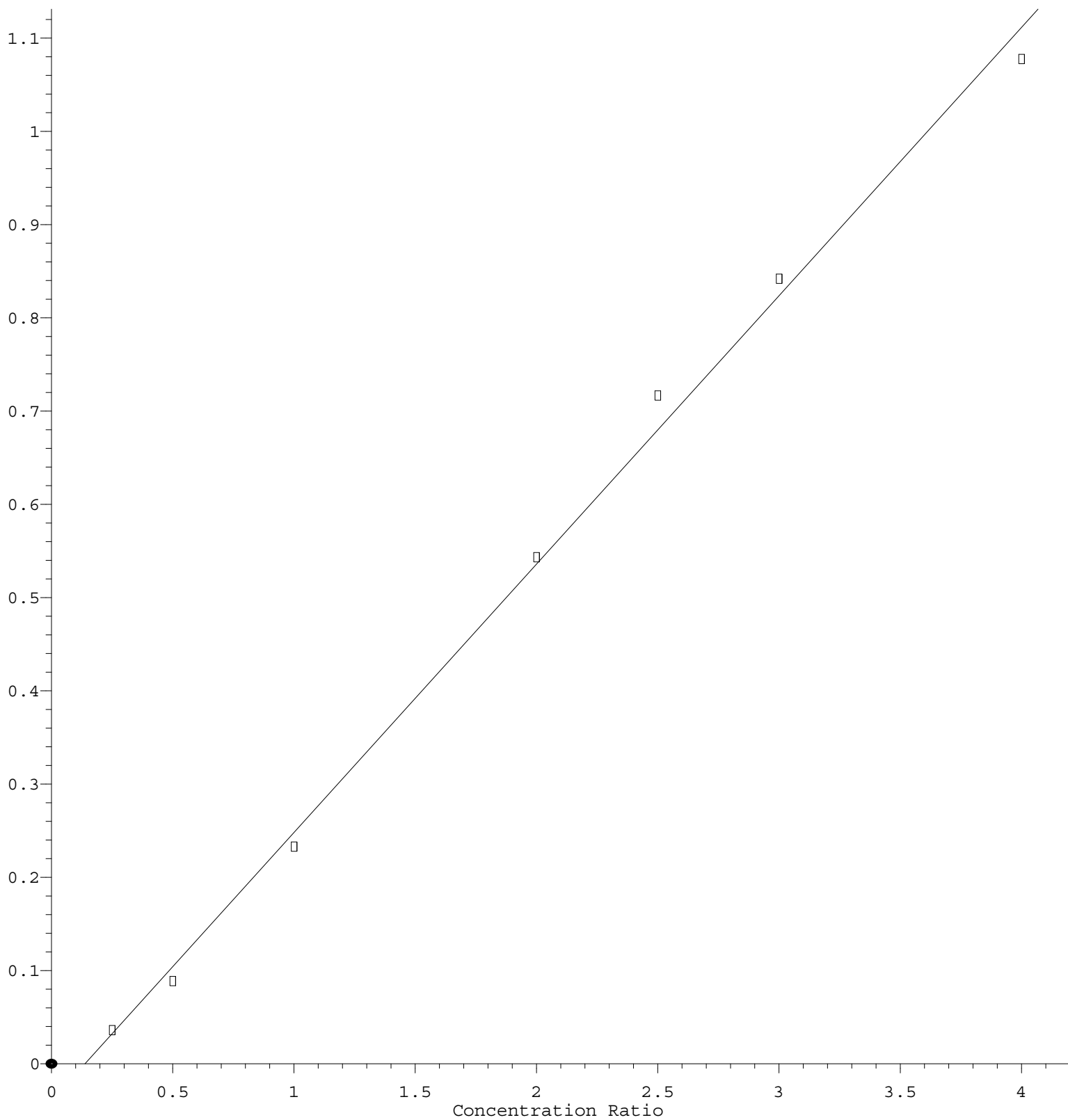
4,6-Dinitro-2-methylphenol



Response = $8.458 \times 10^{-2} \times \text{Amt} - 4.487 \times 10^{-2}$
Coef of Det (r^2) = 0.991555 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

4-Nitroaniline

Response Ratio



$$\text{Response} = 2.879\text{e-}001 * \text{Amt} - 3.958\text{e-}002$$

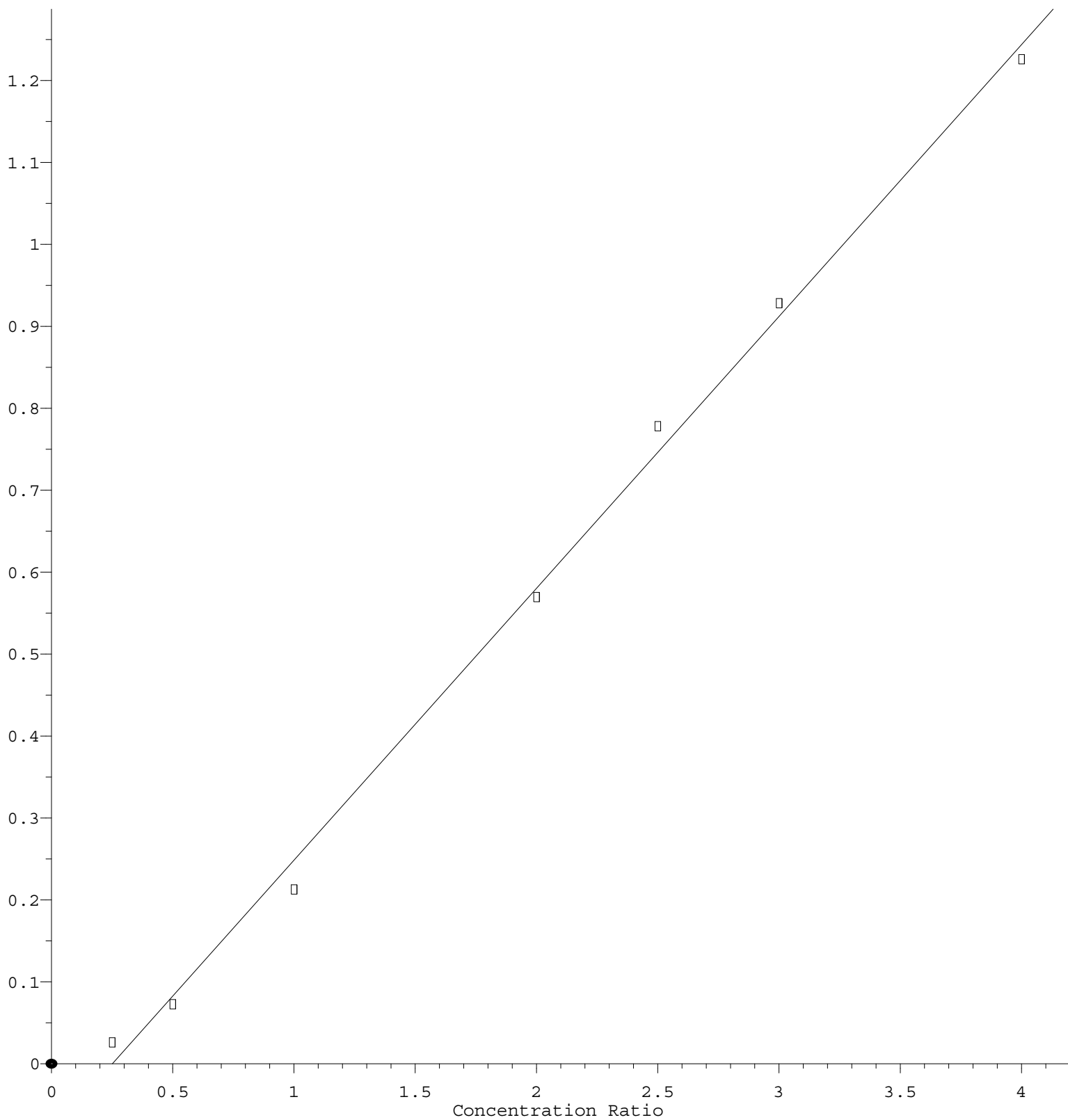
Coef of Det (r^2) = 0.996450 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2,4-Dinitrotoluene

Response Ratio



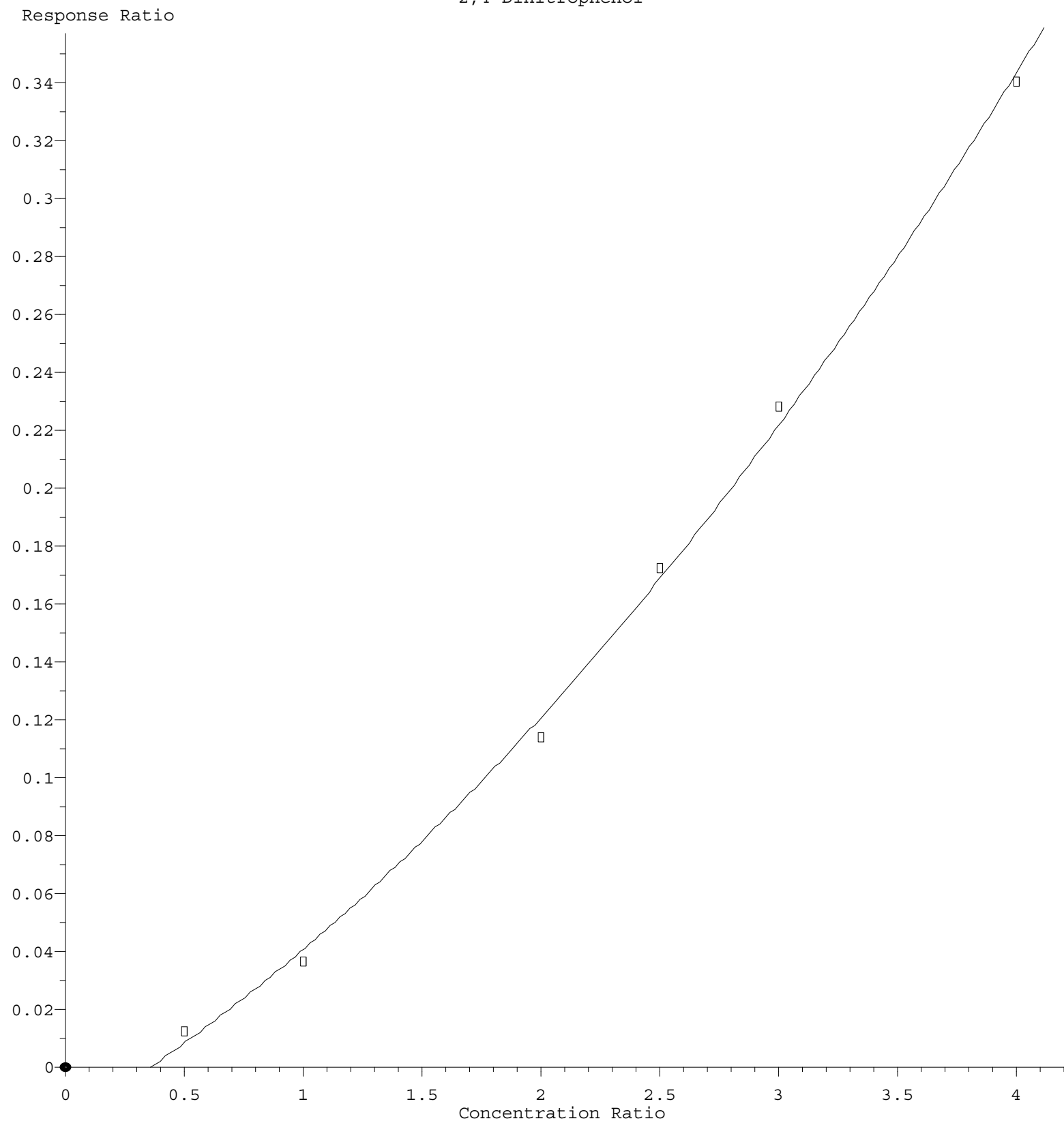
$$\text{Response} = 3.318\text{e-}001 * \text{Amt} - 8.340\text{e-}002$$

Coef of Det (r^2) = 0.997011 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

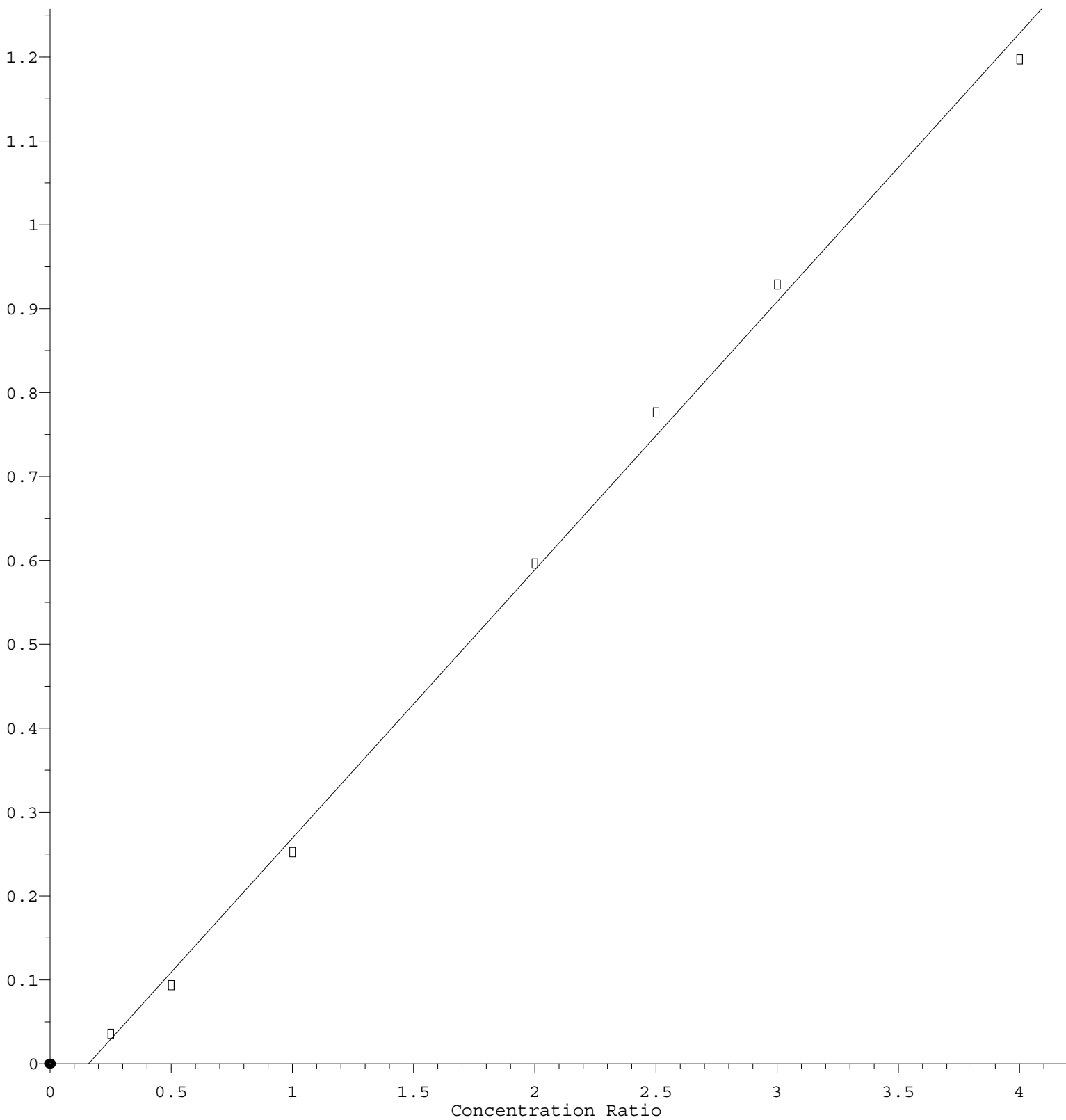
2,4-Dinitrophenol



$R = 1.037e-002 A^2 + 4.909e-002 A - 1.884e-002$
 Coef of Det (r^2) = 0.998097 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
 Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

3-Nitroaniline

Response Ratio



$$\text{Response} = 3.198\text{e-}001 * \text{Amt} - 5.099\text{e-}002$$

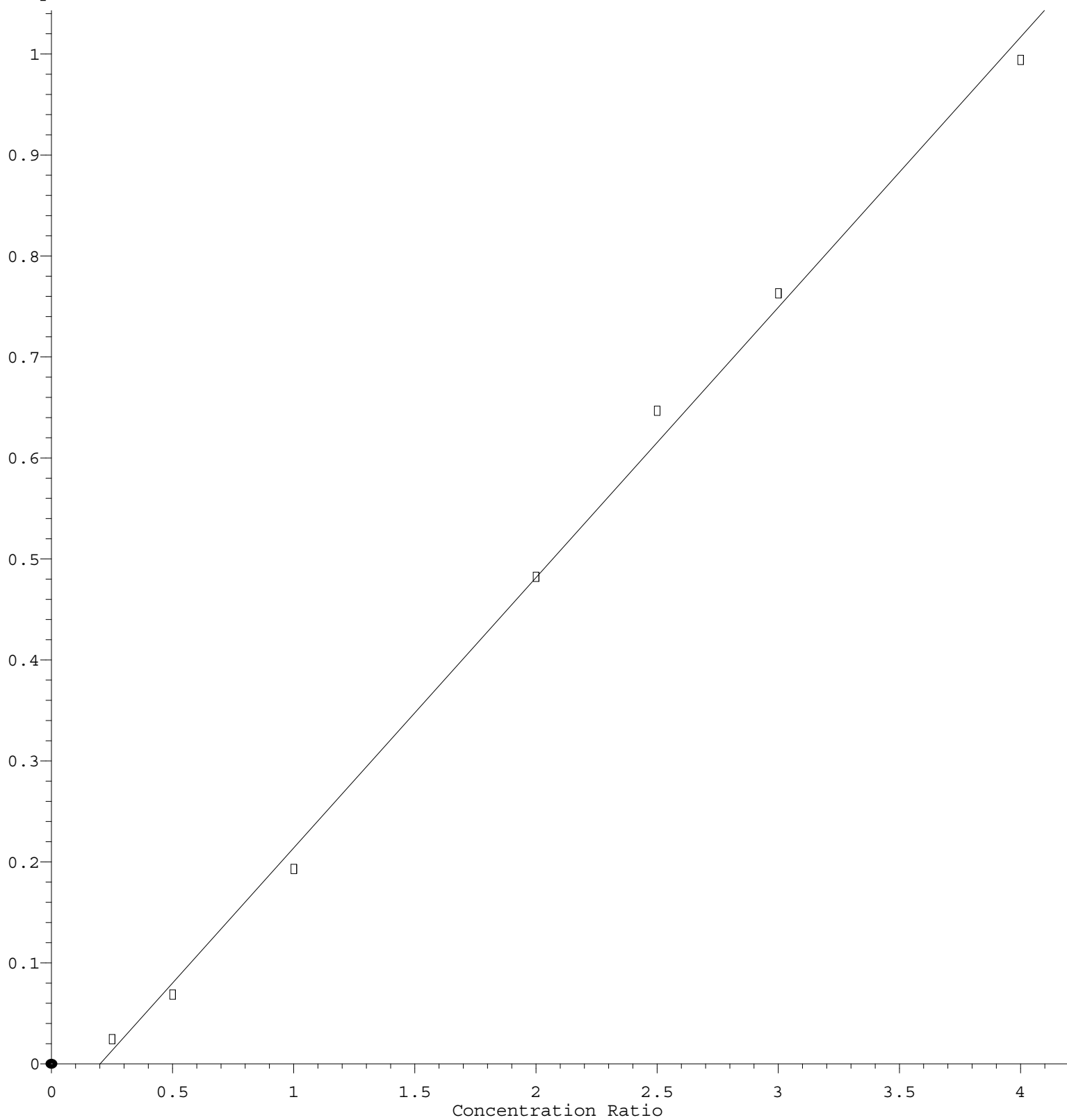
Coef of Det (r^2) = 0.997645 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2,6-Dinitrotoluene

Response Ratio



$$\text{Response} = 2.679\text{e-}001 * \text{Amt} - 5.390\text{e-}002$$

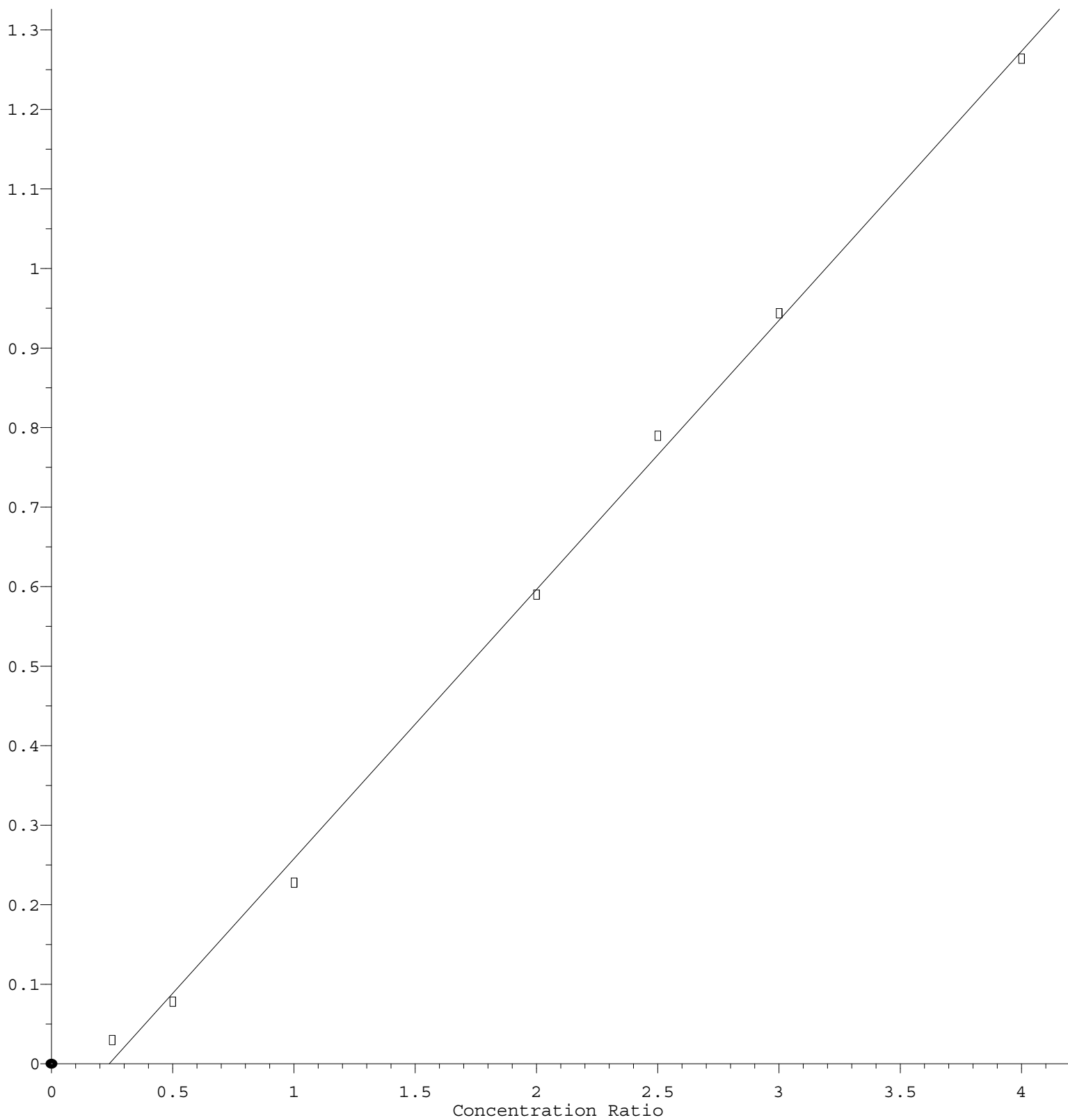
Coef of Det (r^2) = 0.997116 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2-Nitroaniline

Response Ratio



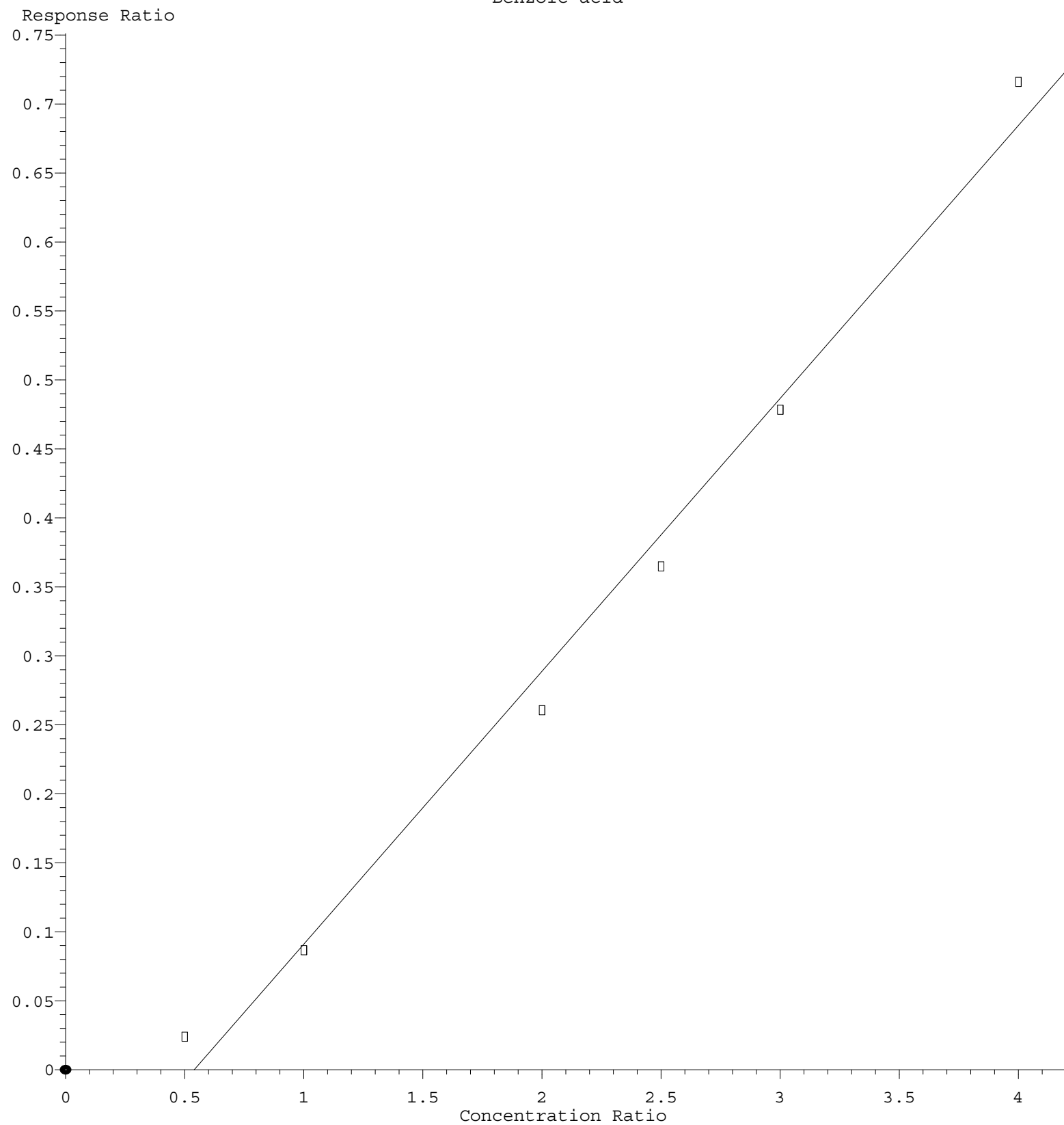
$$\text{Response} = 3.387\text{e-}001 * \text{Amt} - 8.076\text{e-}002$$

Coef of Det (r^2) = 0.998123 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M

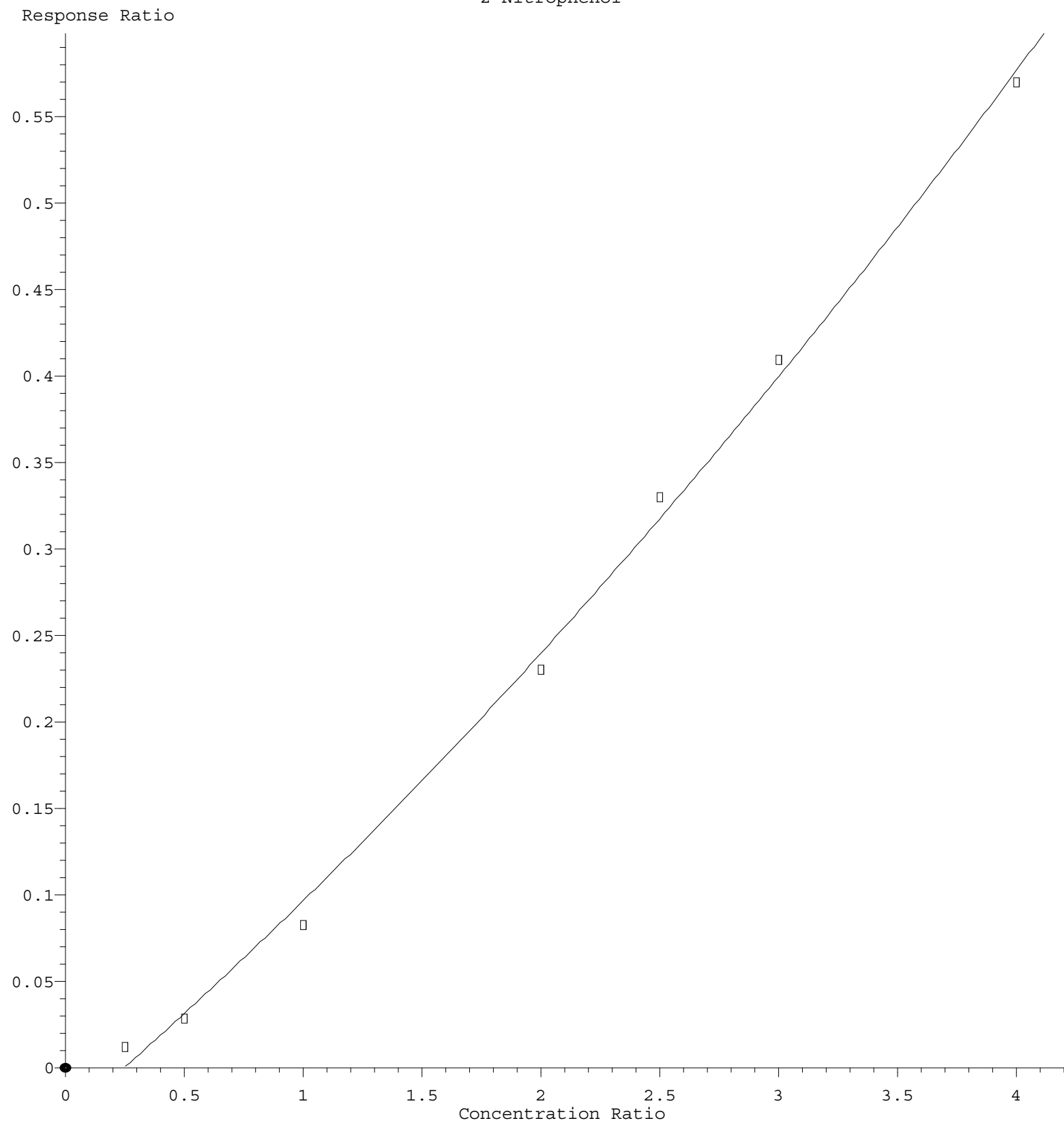
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Benzoic acid



Response = $1.978 \times 10^{-1} \times \text{Amt} - 1.069 \times 10^{-1}$
Coef of Det (r^2) = 0.989640 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

2-Nitrophenol



$R = 8.463e-003 A^2 + 1.177e-001 A - 2.955e-002$
 Coef of Det (r^2) = 0.997290 Curve Fit: Quadratic
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF043025.M
 Calibration Table Last Updated: Wed Apr 30 16:00:01 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

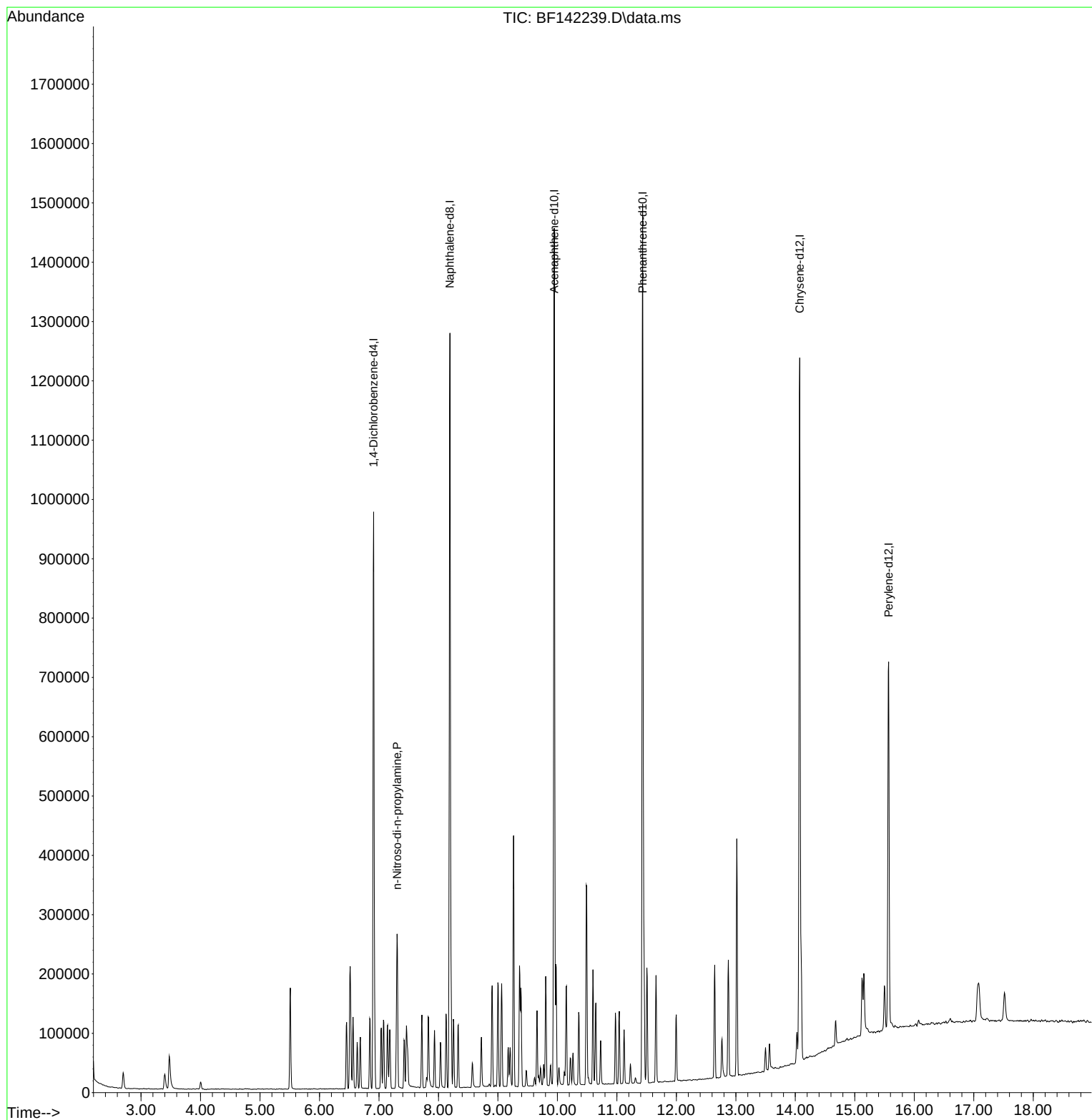
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204993	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	780462	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414360	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	737147	20.000	ng	0.00
76) Chrysene-d12	14.074	240	525717	20.000	ng	0.00
86) Perylene-d12	15.568	264	366865	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...	7.304	70	24421	2.550	ng	Qvalue 99

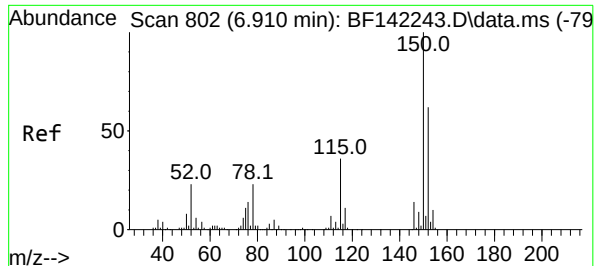
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142239.D
Acq On : 30 Apr 2025 11:24
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 30 15:56:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.910 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF142239.D

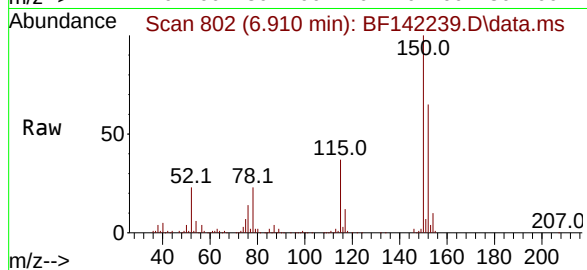
Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



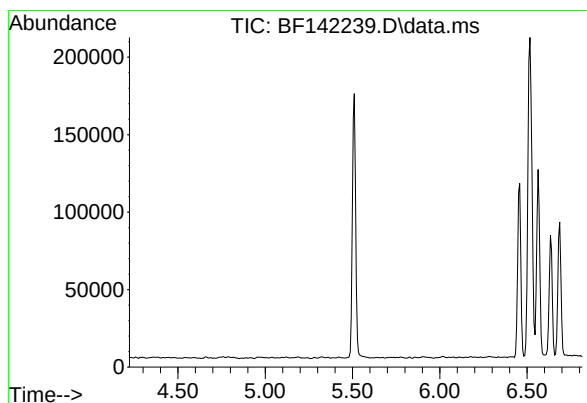
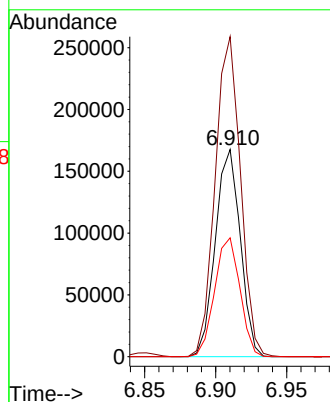
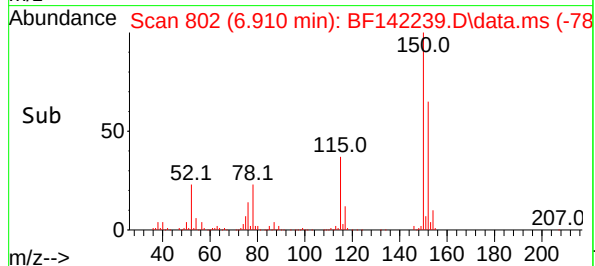
Tgt Ion:152 Resp: 204993

Ion Ratio Lower Upper

152 100

150 154.4 130.2 195.2

115 57.4 47.0 70.4



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.52 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

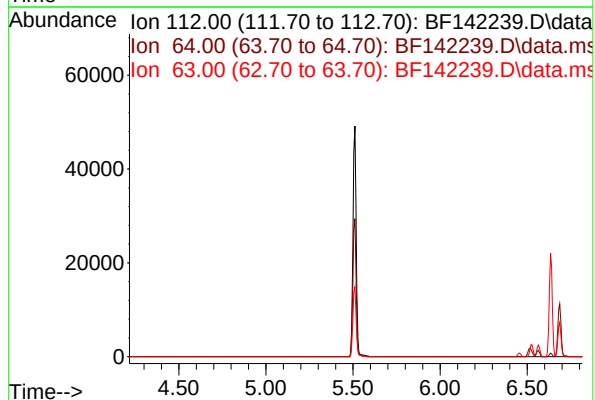
Tgt Ion: 112

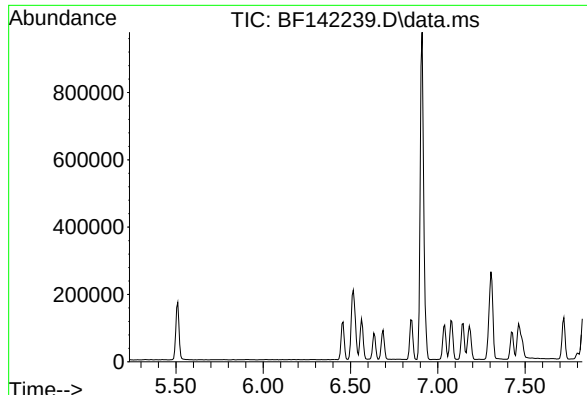
Sig Exp Ratio

112 100

64 60.5

63 31.0





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.53 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

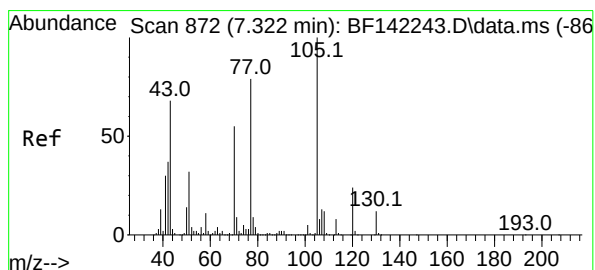
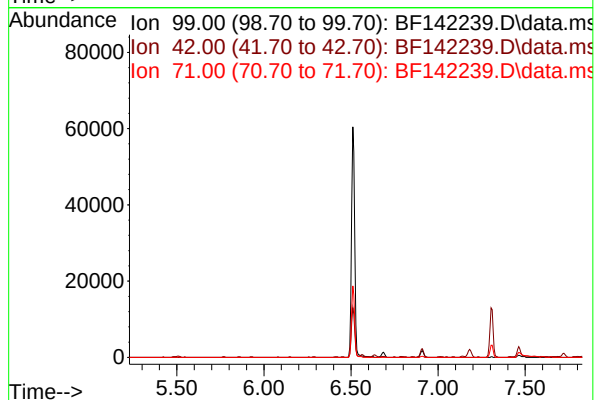
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.4

71 31.2



#19

n-Nitroso-di-n-propylamine

Concen: 2.550 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.018 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

Tgt Ion: 70 Resp: 24421

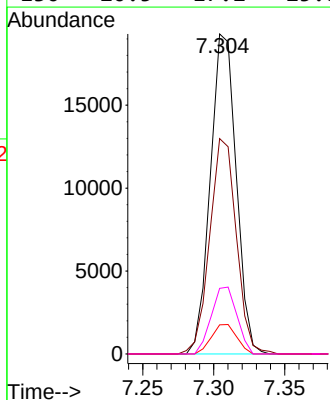
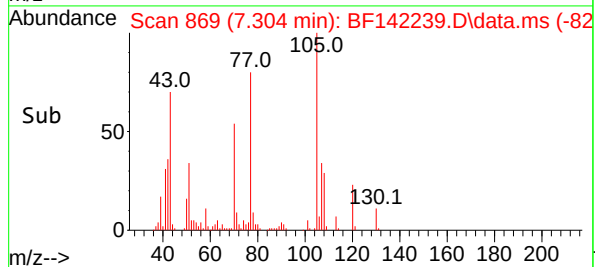
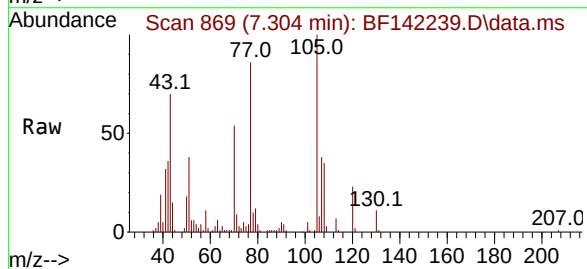
Ion Ratio Lower Upper

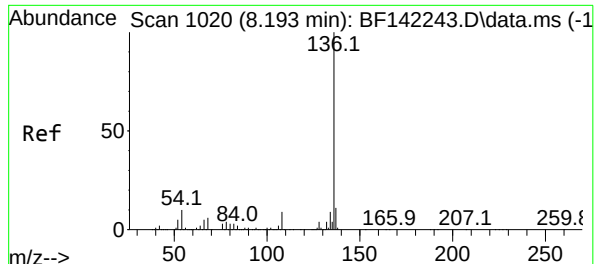
70 100

42 67.3 53.4 80.2

101 9.1 7.7 11.5

130 20.5 17.2 25.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF142239.D

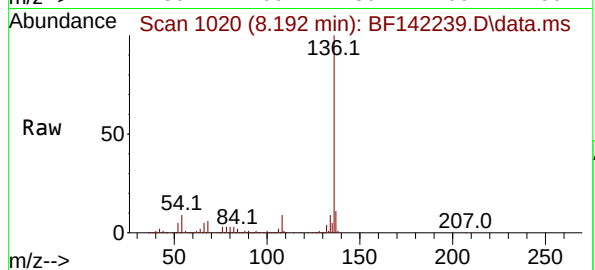
Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 780462

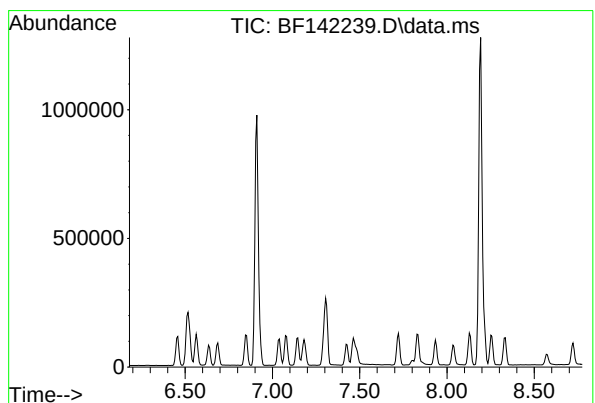
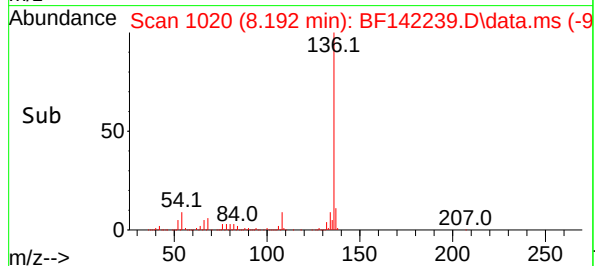
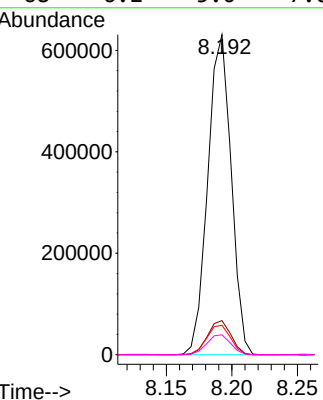
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.2 7.7 11.5

68 6.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.47 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

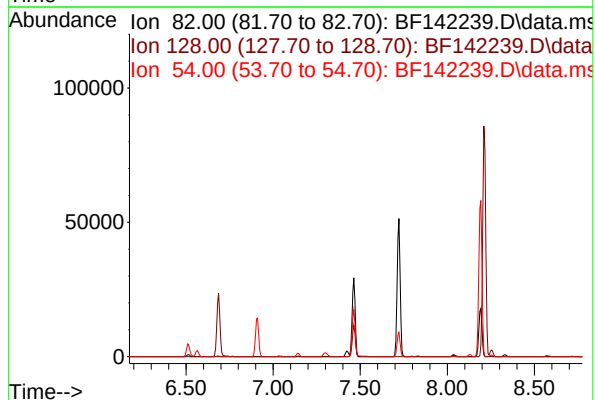
Tgt Ion: 82

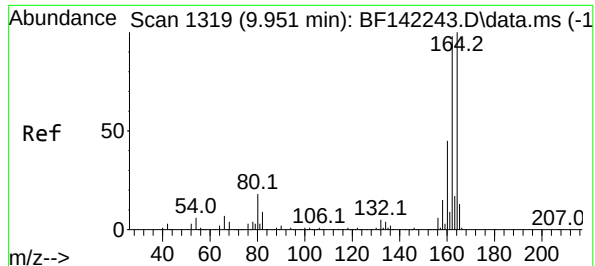
Sig Exp Ratio

82 100

128 46.3

54 60.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142239.D

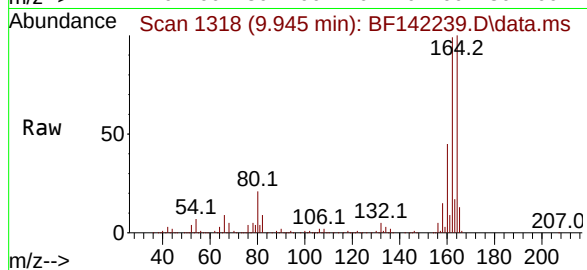
Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



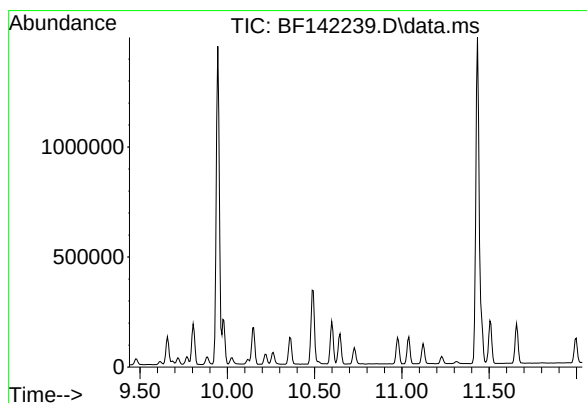
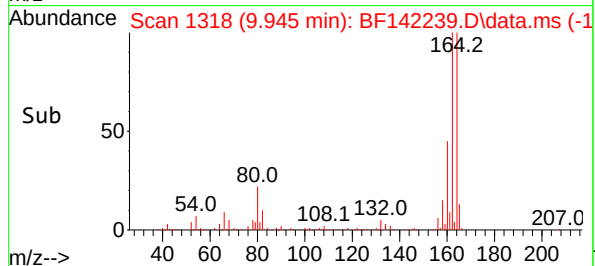
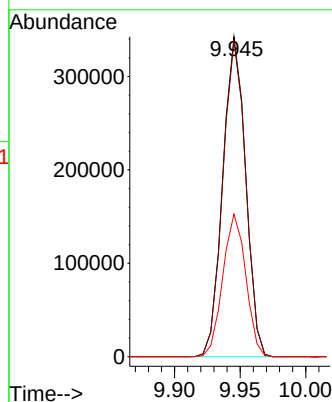
Tgt Ion:164 Resp: 414360

Ion Ratio Lower Upper

164 100

162 98.5 78.6 117.8

160 44.5 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.73 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

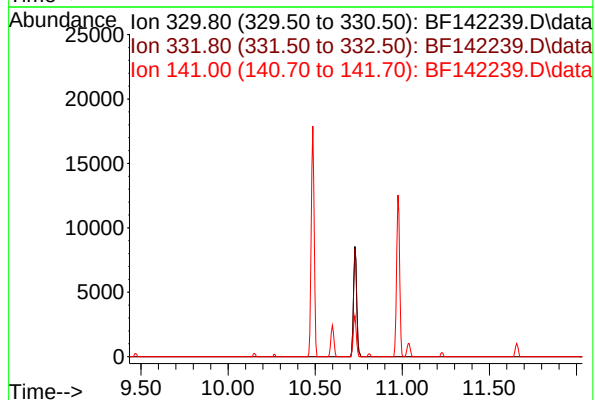
Tgt Ion: 330

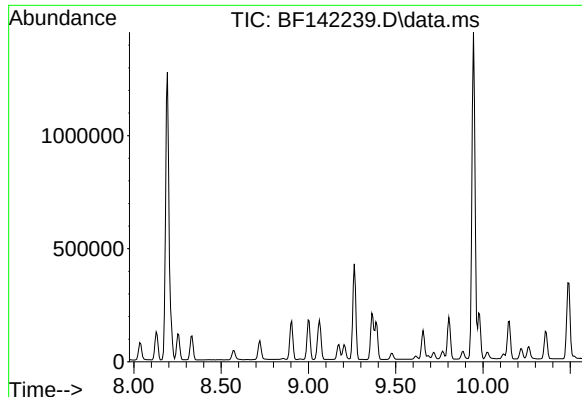
Sig Exp Ratio

330 100

332 95.6

141 30.4





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.27 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

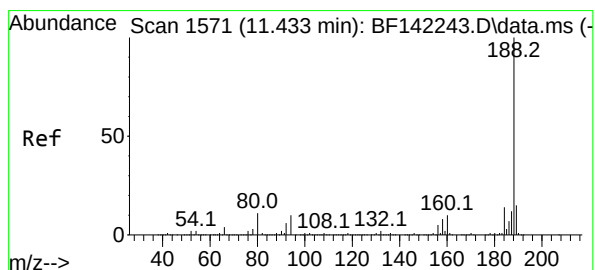
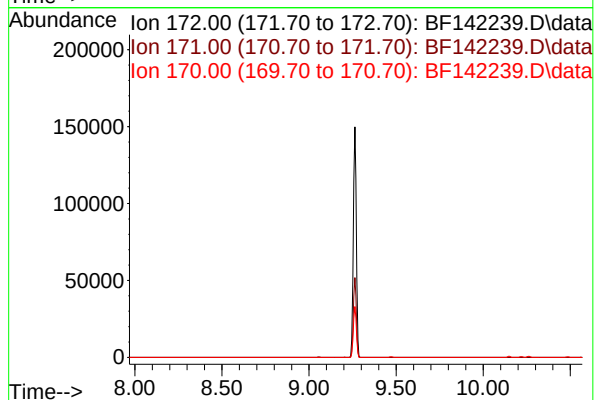
Tgt Ion: 172

Sig Exp Ratio

172 100

171 36.2

170 24.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142239.D

Acq: 30 Apr 2025 11:24

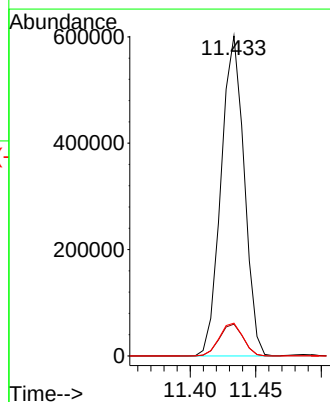
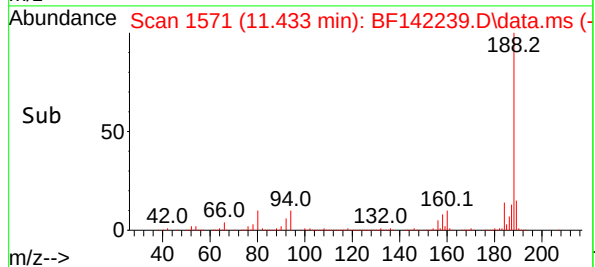
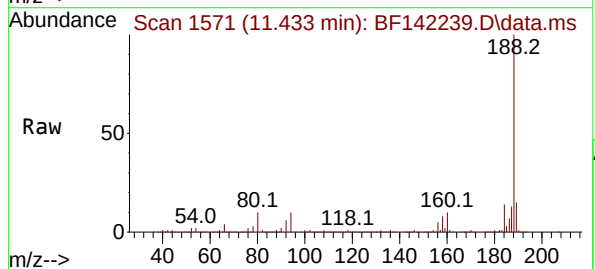
Tgt Ion:188 Resp: 737147

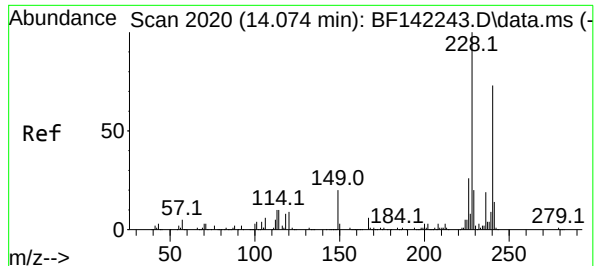
Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

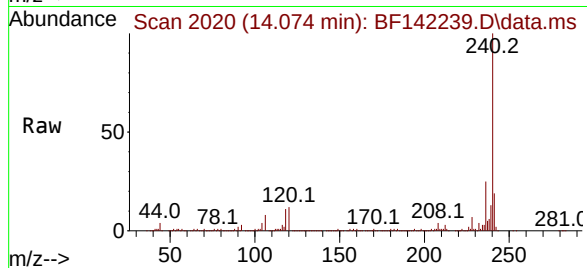
80 10.3 8.6 12.8



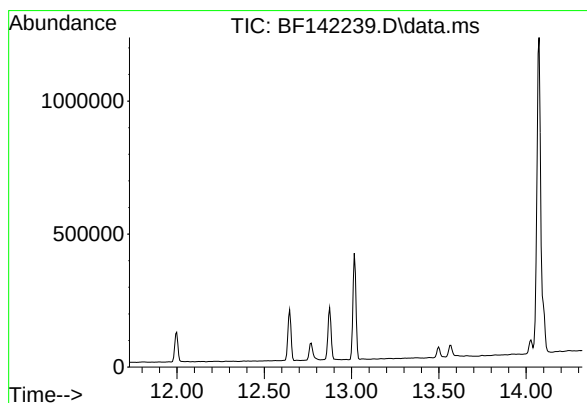
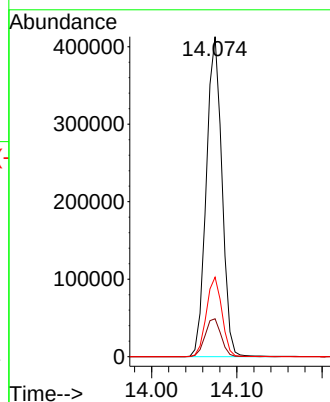
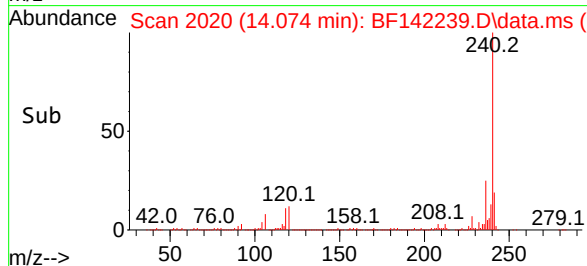


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



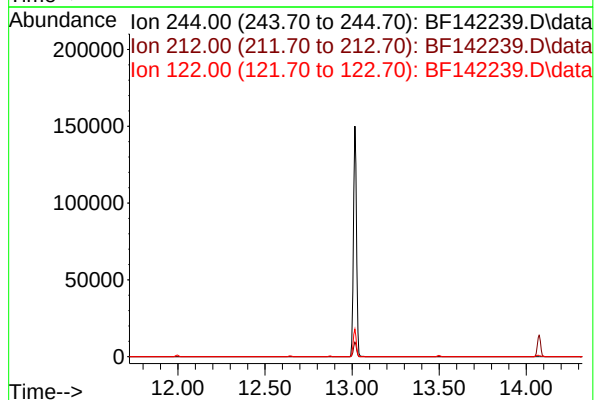
Tgt Ion:240 Resp: 525717
Ion Ratio Lower Upper
240 100
120 11.8 10.1 15.1
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

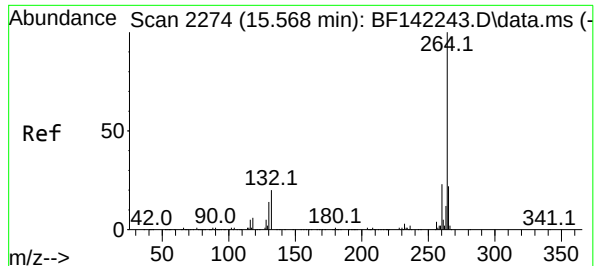
Lab File: BF142239.D
Acq: 30 Apr 2025 11:24

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 11.4



Ion 212.00 (211.70 to 212.70): BF142239.D\data

Ion 122.00 (121.70 to 122.70): BF142239.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142239.D

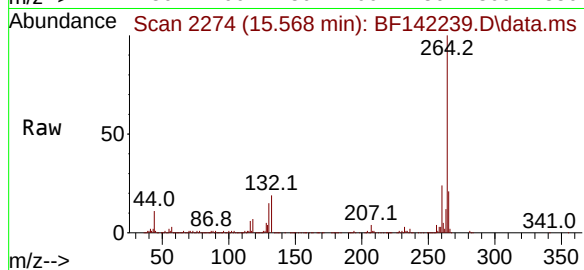
Acq: 30 Apr 2025 11:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



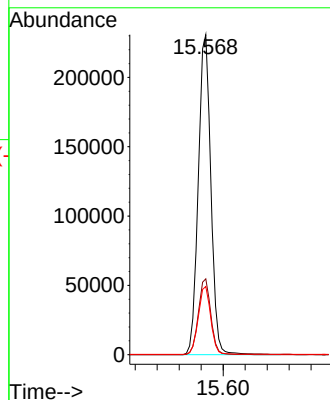
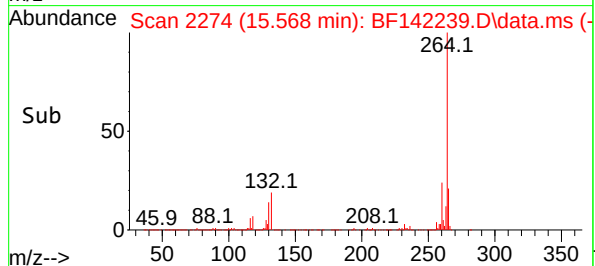
Tgt Ion:264 Resp: 366865

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.3 17.3 25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142240.D
 Acq On : 30 Apr 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187794	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	726978	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	380022	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	664931	20.000	ng	0.00
76) Chrysene-d12	14.074	240	454911	20.000	ng	0.00
86) Perylene-d12	15.568	264	322126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	124307	10.571	ng	0.00
7) Phenol-d6	6.510	99	146414	10.311	ng	-0.02
23) Nitrobenzene-d5	7.463	82	78765	7.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	26375	7.613	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	330323	12.256	ng	0.00
79) Terphenyl-d14	13.016	244	334852	10.706	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	26443	5.035	ng	97
3) Pyridine	3.469	79	68779	5.039	ng	99
4) n-Nitrosodimethylamine	3.393	42	35057	4.963	ng	# 97
6) Aniline	6.563	93	103866	5.168	ng	99
8) 2-Chlorophenol	6.687	128	58780	4.838	ng	99
9) Benzaldehyde	6.457	77	54160	5.457	ng	98
10) Phenol	6.528	94	78823	5.157	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	63148	5.331	ng	99
12) 1,3-Dichlorobenzene	6.845	146	73777	5.367	ng	100
13) 1,4-Dichlorobenzene	6.928	146	75604	5.459	ng	97
14) 1,2-Dichlorobenzene	7.075	146	69920	5.289	ng	99
15) Benzyl Alcohol	7.039	79	49136	4.879	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	111179	5.198	ng	100
17) 2-Methylphenol	7.145	107	50945	5.118	ng	98
18) Hexachloroethane	7.422	117	21958	4.844	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	46341	5.281	ng	99
20) 3+4-Methylphenols	7.292	107	63725	5.119	ng	93
22) Acetophenone	7.310	105	92806	5.518	ng	96
24) Nitrobenzene	7.481	77	41660	3.837	ng	94
25) Isophorone	7.722	82	119954	5.165	ng	100
26) 2-Nitrophenol	7.804	139	8775	6.901	ng	99
27) 2,4-Dimethylphenol	7.828	122	57217	4.887	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	77155	5.268	ng	100
29) 2,4-Dichlorophenol	8.034	162	44643	4.560	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	58177	5.326	ng	99
31) Naphthalene	8.210	128	200969	5.543	ng	99
33) 4-Chloroaniline	8.251	127	81024	5.367	ng	98
34) Hexachlorobutadiene	8.334	225	32676	5.127	ng	97
35) Caprolactam	8.575	113	12427	4.223	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	47673	4.743	ng	99
37) 2-Methylnaphthalene	8.904	142	123458	5.539	ng	97
38) 1-Methylnaphthalene	8.998	142	127274	5.512	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	58967	5.513	ng	97
41) Hexachlorocyclopentadiene	9.057	237	23228	3.827	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	26171	3.949	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	30587	4.390	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142240.D
 Acq On : 30 Apr 2025 11:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

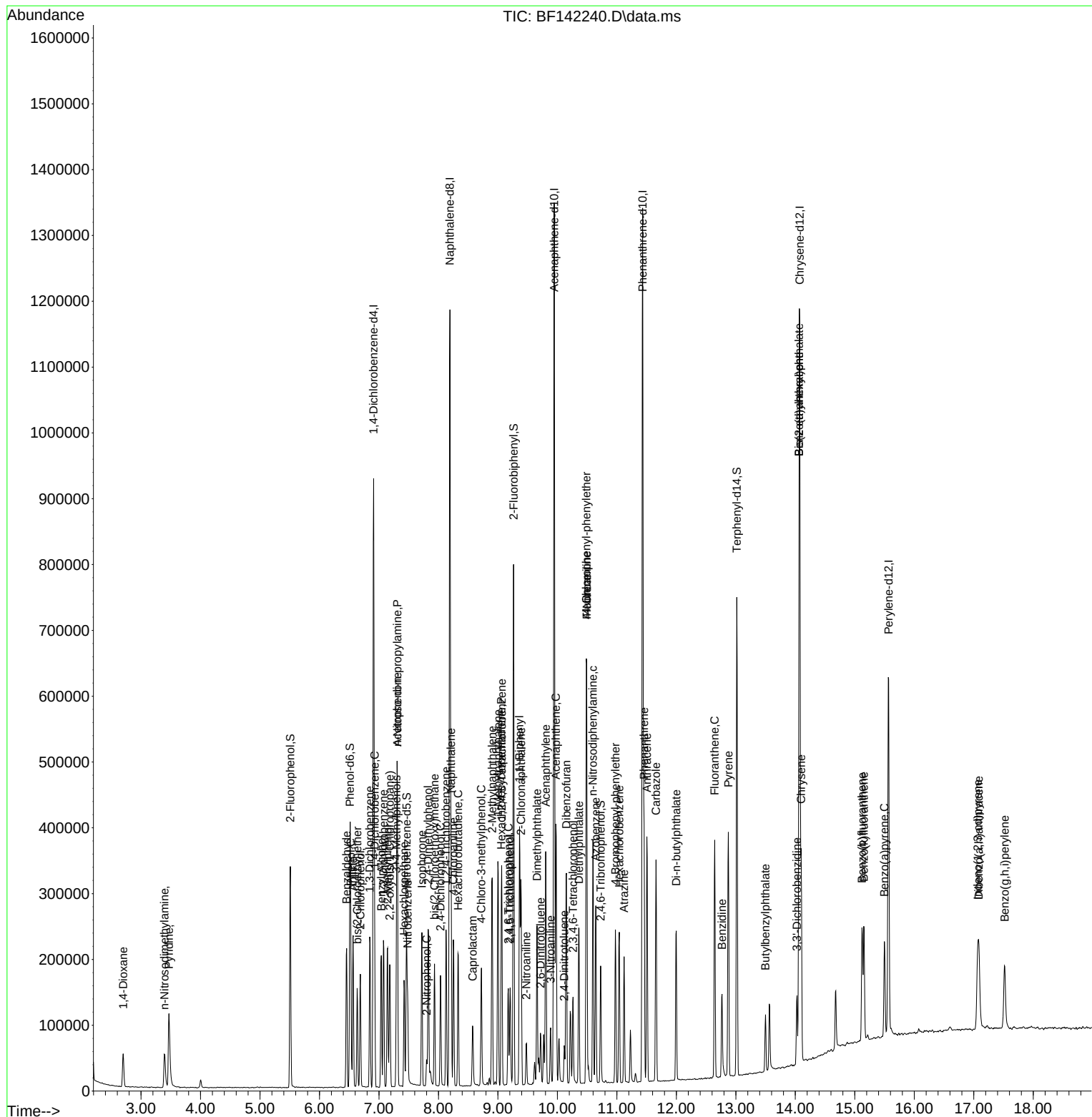
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.363	154	168456	5.702	ng	98
47) 2-Chloronaphthalene	9.386	162	122469	5.572	ng	98
48) 2-Nitroaniline	9.475	65	11346	6.532	ng	89
49) Acenaphthylene	9.804	152	204157	5.504	ng	99
50) Dimethylphthalate	9.657	163	129376	5.322	ng	100
51) 2,6-Dinitrotoluene	9.716	165	9271	5.846	ng	# 81
52) Acenaphthene	9.975	154	120775	5.577	ng	99
53) 3-Nitroaniline	9.886	138	13576	5.423	ng	# 88
55) Dibenzofuran	10.151	168	183405	5.649	ng	98
57) 2,4-Dinitrotoluene	10.116	165	9928	6.601	ng	# 85
58) Fluorene	10.492	166	141835	5.746	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	23974m	4.154	ng	
60) Diethylphthalate	10.363	149	125748	5.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	66676	5.688	ng	98
62) 4-Nitroaniline	10.492	138	13695	5.254	ng	# 76
63) Azobenzene	10.645	77	127873	5.394	ng	99
66) n-Nitrosodiphenylamine	10.598	169	120800	5.317	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	37248	5.030	ng	97
68) Hexachlorobenzene	11.039	284	42558	5.131	ng	98
69) Atrazine	11.122	200	27629	4.614	ng	98
71) Phenanthrene	11.457	178	202460	5.637	ng	98
72) Anthracene	11.504	178	200946	5.472	ng	98
73) Carbazole	11.657	167	186963	5.581	ng	98
74) Di-n-butylphthalate	11.998	149	163860	4.864	ng	99
75) Fluoranthene	12.645	202	202911	5.715	ng	98
77) Benzidine	12.769	184	79877	4.132	ng	98
78) Pyrene	12.874	202	208462	4.968	ng	99
80) Butylbenzylphthalate	13.498	149	24840	5.714	ng	96
81) Benzo(a)anthracene	14.063	228	156840	5.136	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	32503	3.623	ng	94
83) Chrysene	14.098	228	148119	5.328	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	43692	6.006	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	106554	4.516	ng	98
88) Benzo(b)fluoranthene	15.121	252	106072	5.301	ng	100
89) Benzo(k)fluoranthene	15.151	252	97496	5.327	ng	99
90) Benzo(a)pyrene	15.498	252	90284	4.928	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	86557	4.520	ng	100
92) Benzo(g,h,i)perylene	17.521	276	86631	4.500	ng	99

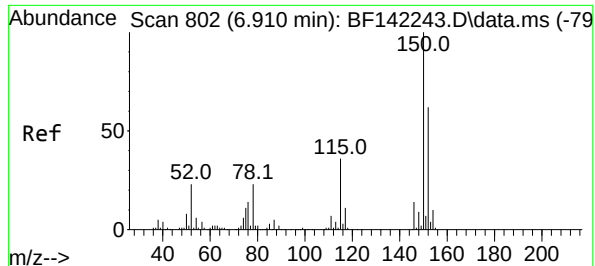
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

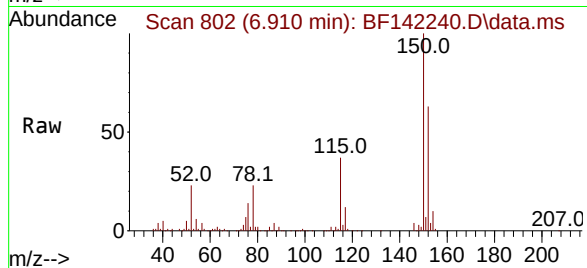
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

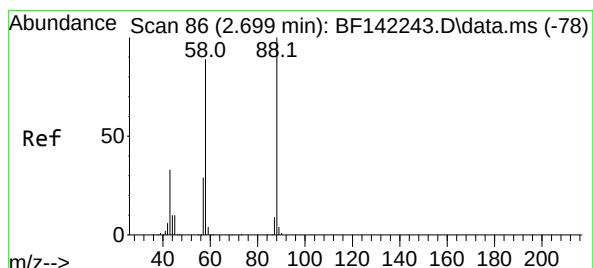
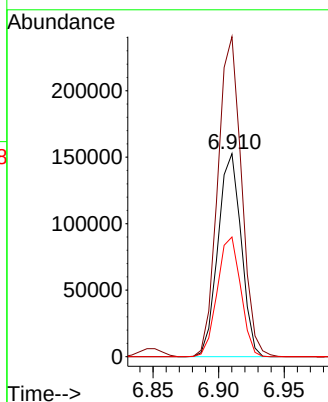
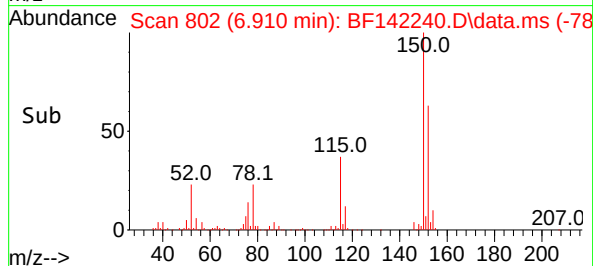
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 187794
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 58.9 47.0 70.4

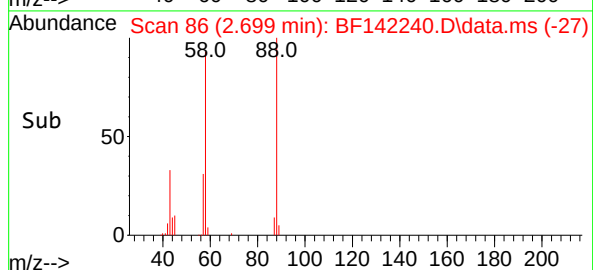
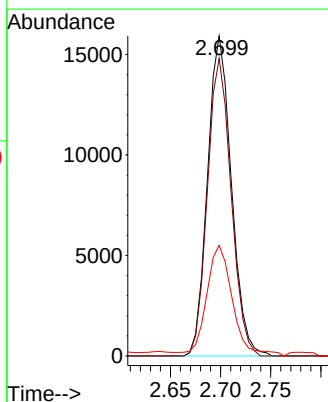
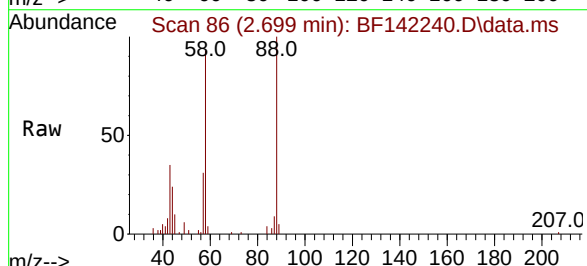
Manual Integrations
APPROVED

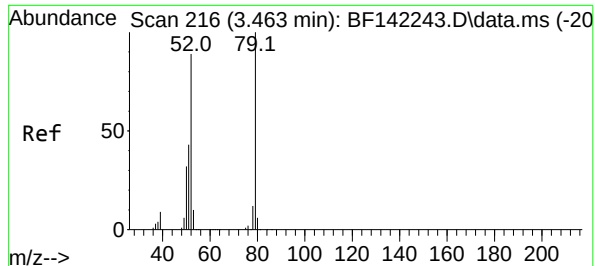
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 5.035 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 88 Resp: 26443
Ion Ratio Lower Upper
88 100
58 91.8 72.2 108.2
43 37.4 27.0 40.6





#3

Pyridine

Concen: 5.039 ng

RT: 3.469 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF142240.D

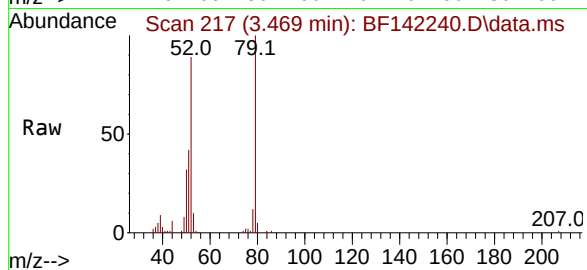
Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 79 Resp: 68779

Ion Ratio Lower Upper

79 100

52 88.7 71.5 107.3

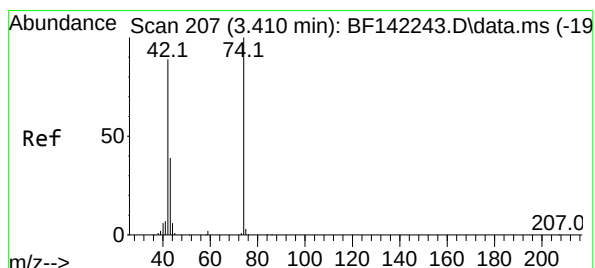
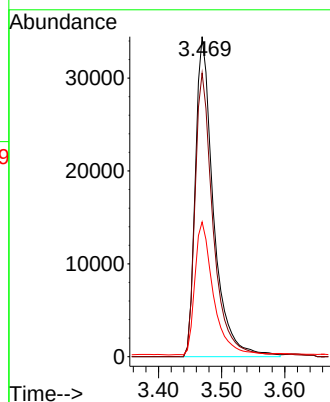
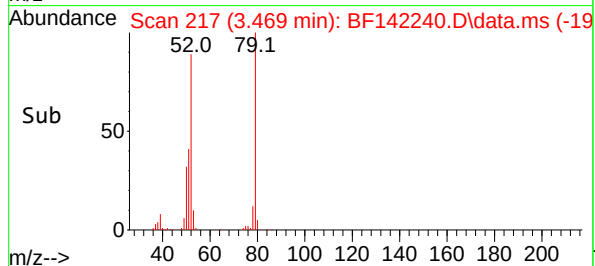
51 42.1 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

Concen: 4.963 ng

RT: 3.393 min Scan# 204

Delta R.T. -0.018 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

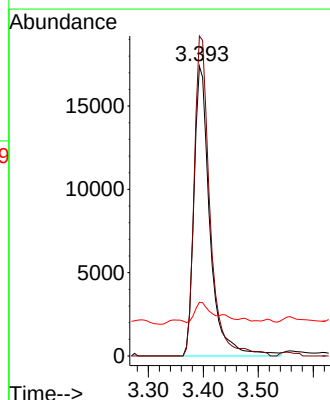
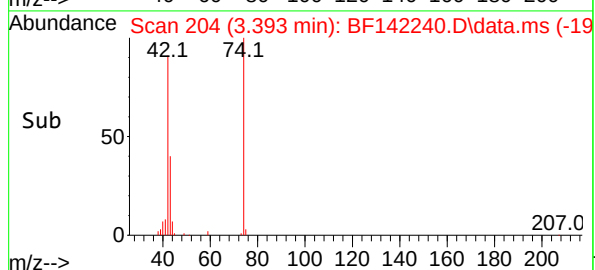
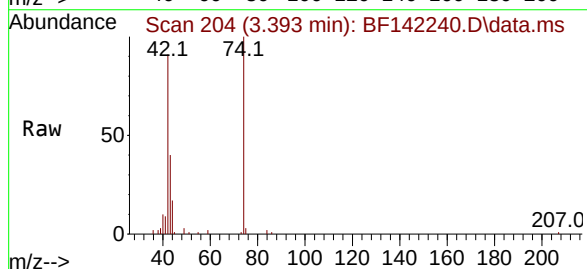
Tgt Ion: 42 Resp: 35057

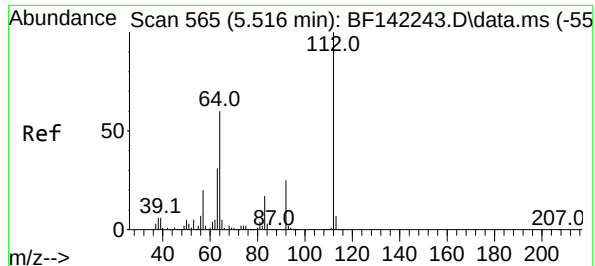
Ion Ratio Lower Upper

42 100

74 110.4 89.5 134.3

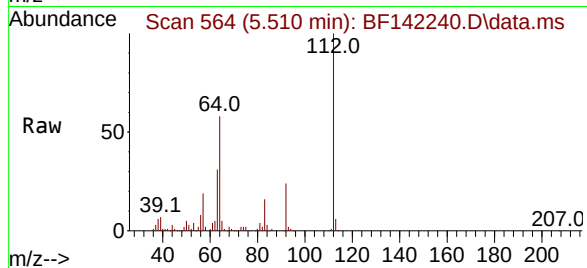
44 18.5 6.6 9.8





#5
2-Fluorophenol
Concen: 10.571 ng
RT: 5.510 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

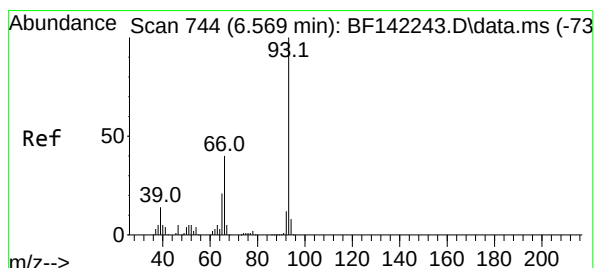
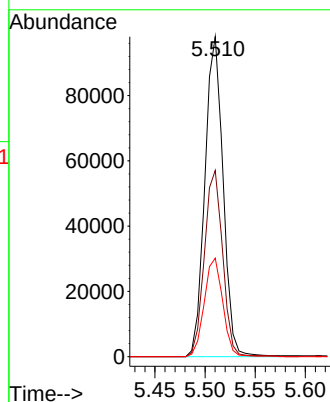
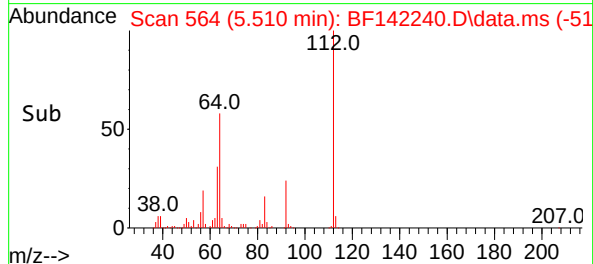
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 112 Resp: 12430
Ion Ratio Lower Upper
112 100
64 58.2 48.4 72.6
63 30.8 24.8 37.2

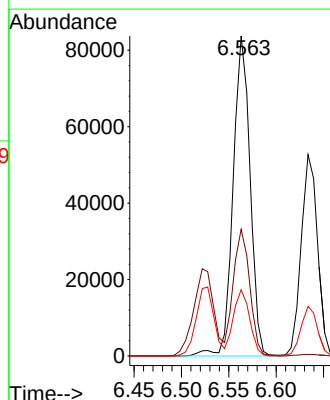
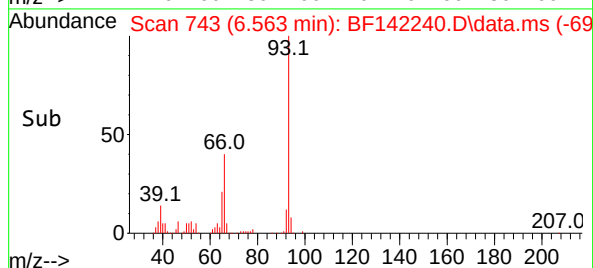
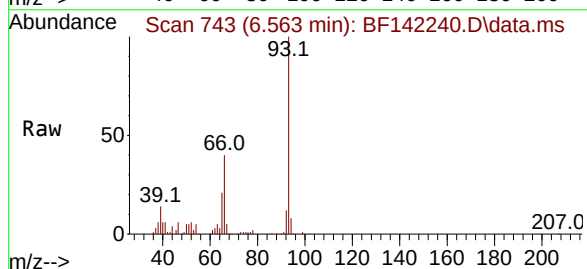
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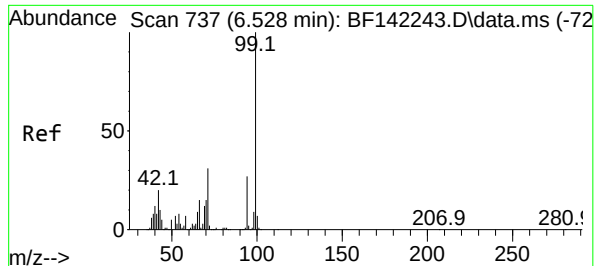
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 5.168 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 93 Resp: 103866
Ion Ratio Lower Upper
93 100
66 39.6 32.1 48.1
65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 10.311 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF142240.D

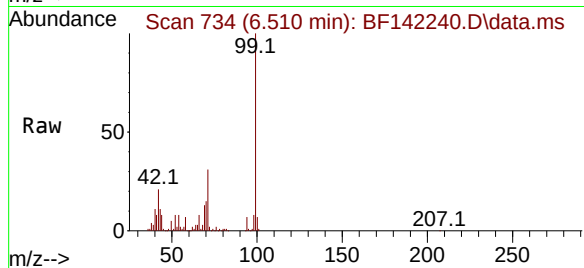
Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 99 Resp: 146414

Ion Ratio Lower Upper

99 100

42 21.1 16.3 24.5

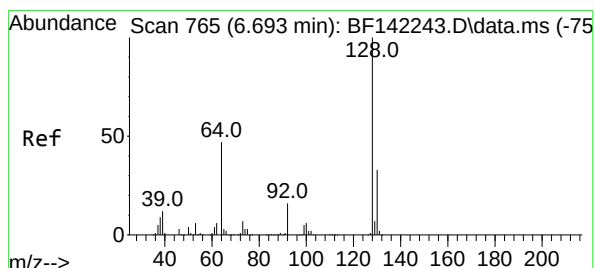
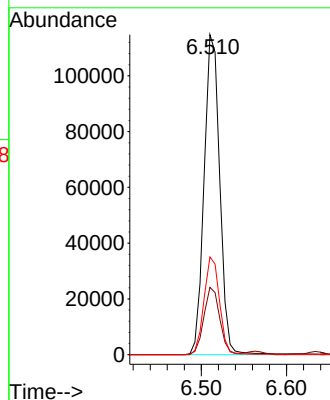
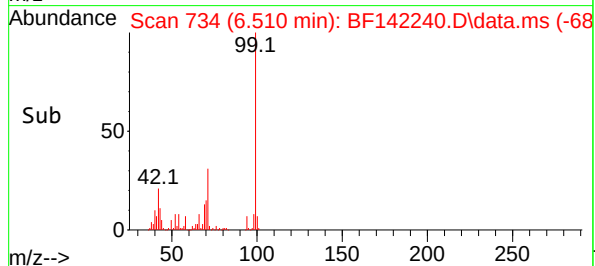
71 30.6 25.0 37.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#8

2-Chlorophenol

Concen: 4.838 ng

RT: 6.687 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

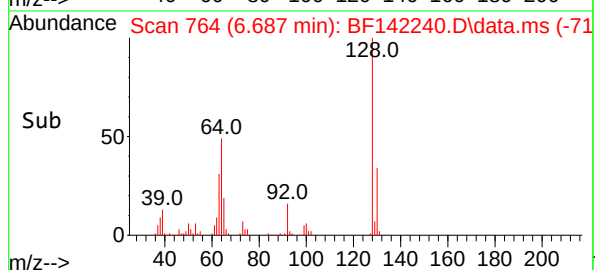
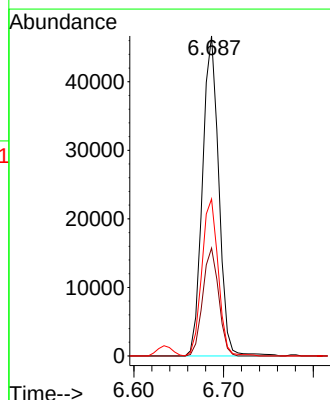
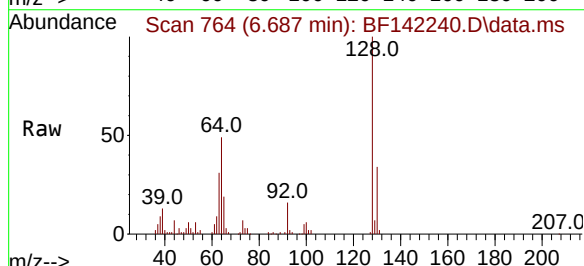
Tgt Ion:128 Resp: 58780

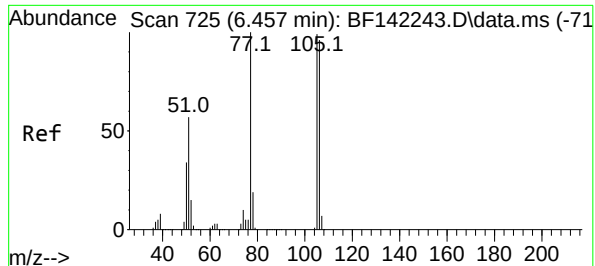
Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

64 49.0 28.6 68.6





#9

Benzaldehyde

Concen: 5.457 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 77 Resp: 5416

Ion Ratio Lower Upper

77 100

105 99.9 79.1 119.1

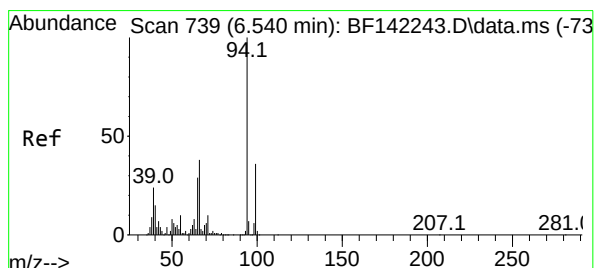
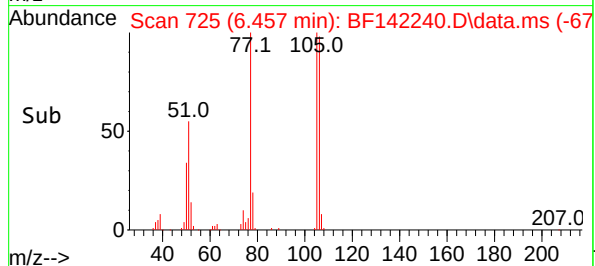
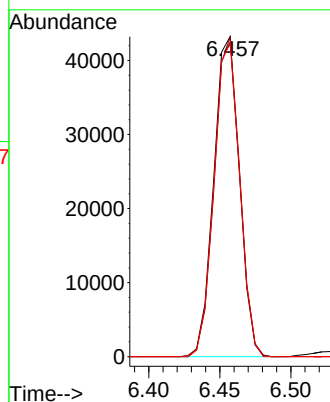
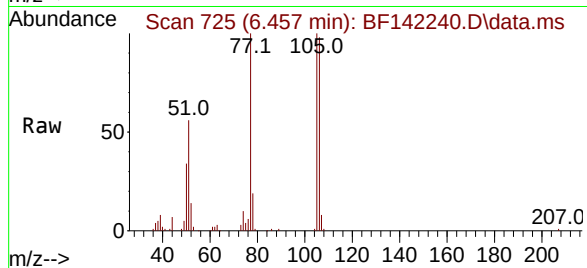
106 98.3 76.0 116.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 5.157 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

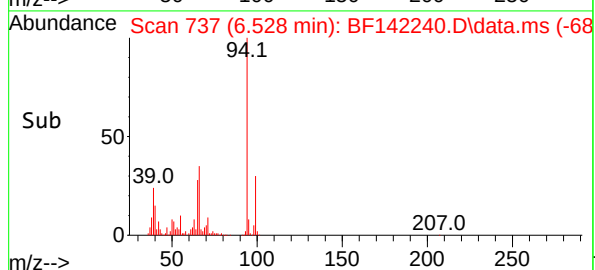
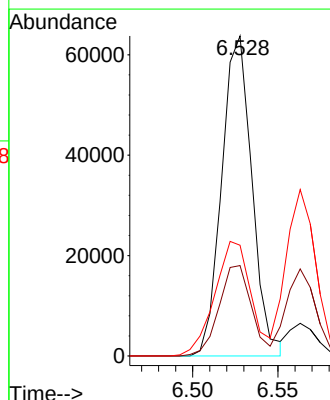
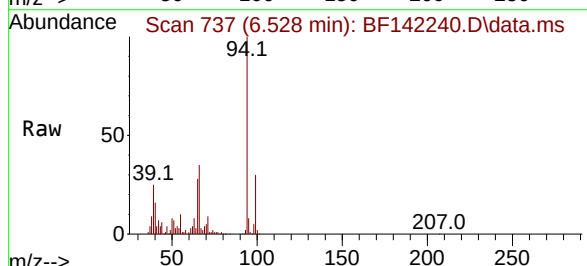
Tgt Ion: 94 Resp: 78823

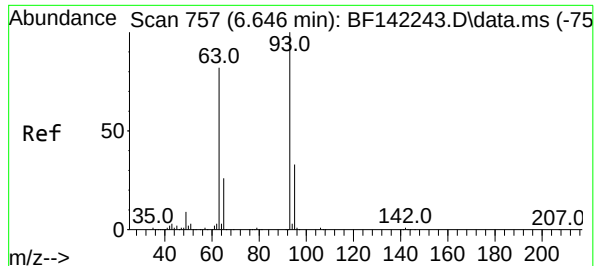
Ion Ratio Lower Upper

94 100

65 28.3 8.9 48.9

66 34.6 18.7 58.7





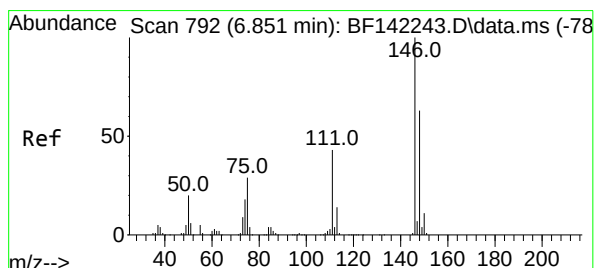
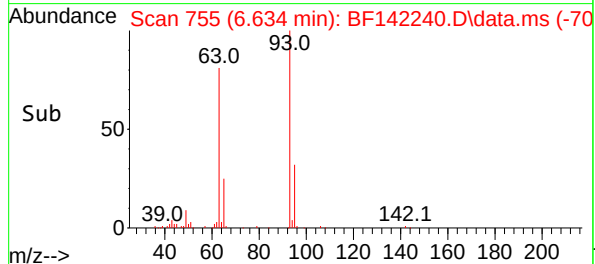
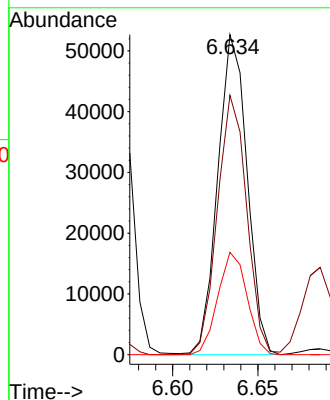
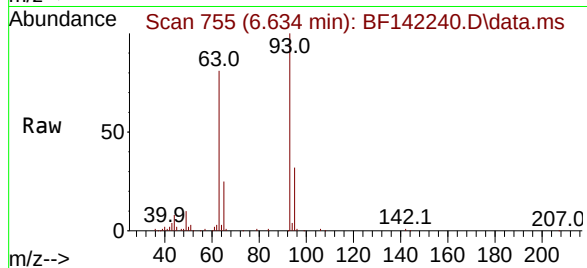
#11
bis(2-Chloroethyl)ether
Concen: 5.331 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 63148
Ion Ratio Lower Upper
93 100
63 81.0 62.2 102.2
95 32.0 12.7 52.7

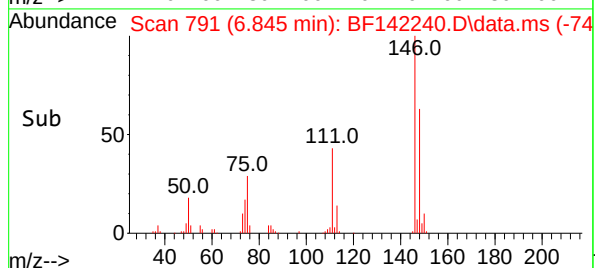
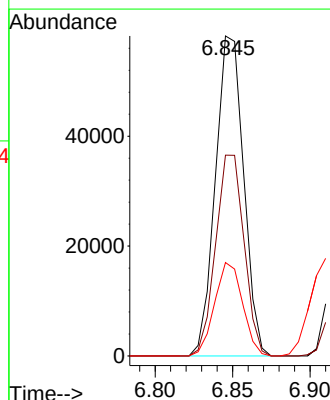
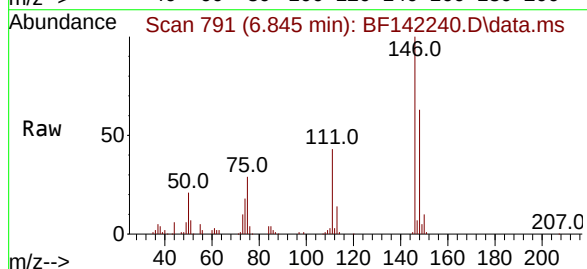
Manual Integrations
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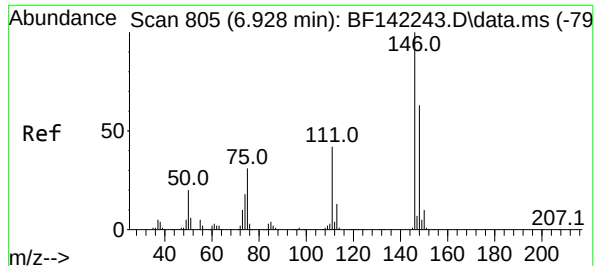
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 5.367 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:146 Resp: 73777
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 29.2 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 5.459 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:146 Resp: 75604

Ion Ratio Lower Upper

146 100

148 60.5 50.6 76.0

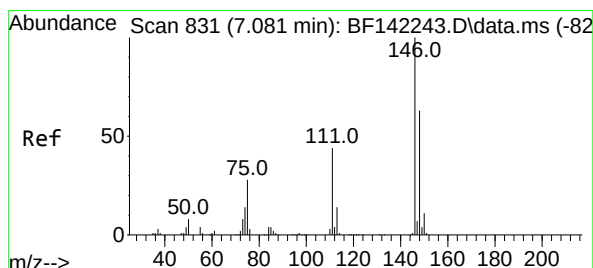
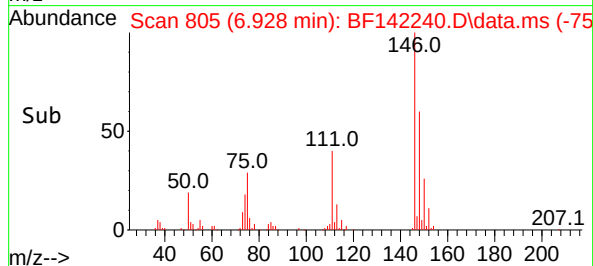
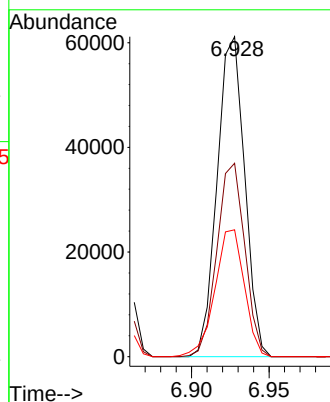
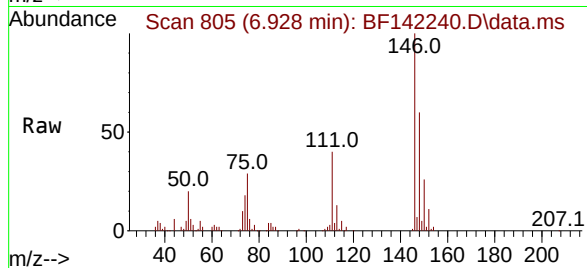
111 39.6 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 5.289 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

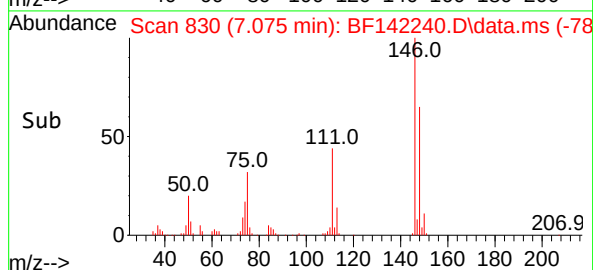
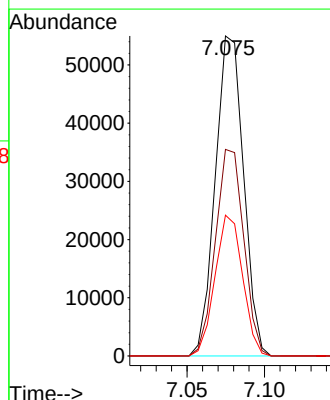
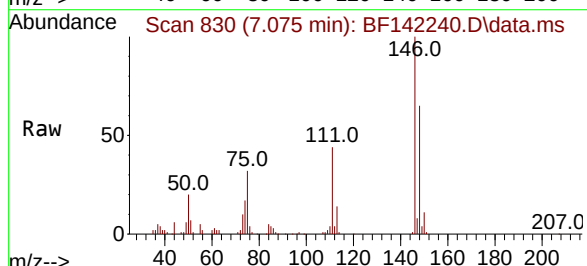
Tgt Ion:146 Resp: 69920

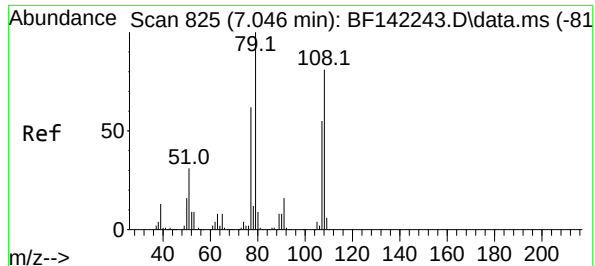
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

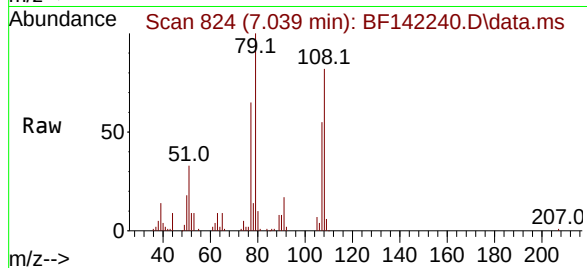
111 44.0 34.9 52.3





#15
Benzyl Alcohol
Concen: 4.879 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

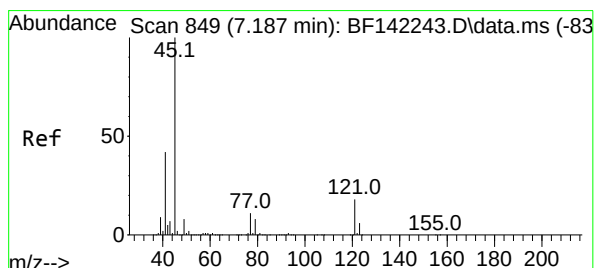
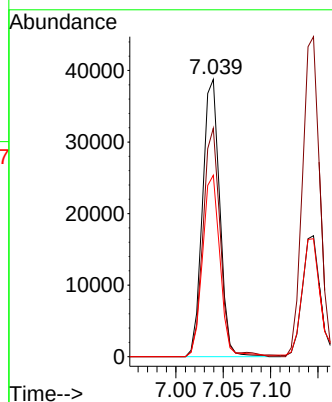
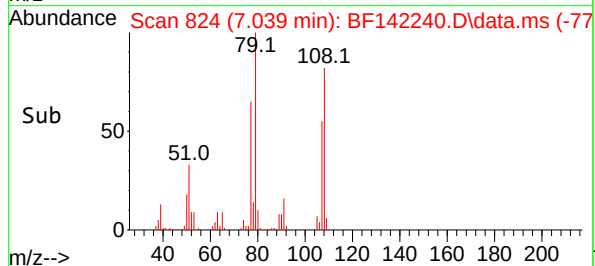
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 49130
Ion Ratio Lower Upper
79 100
108 82.4 64.5 96.7
77 65.4 49.2 73.8

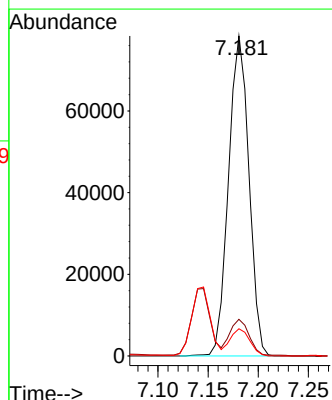
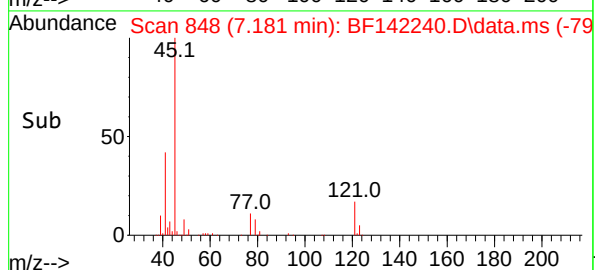
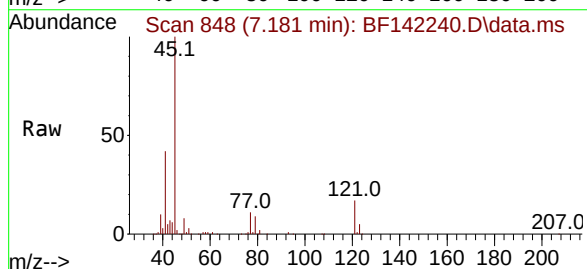
Manual Integrations
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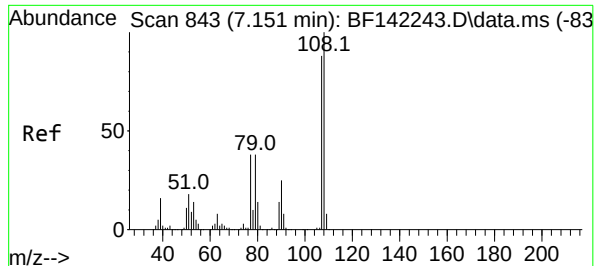
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.198 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

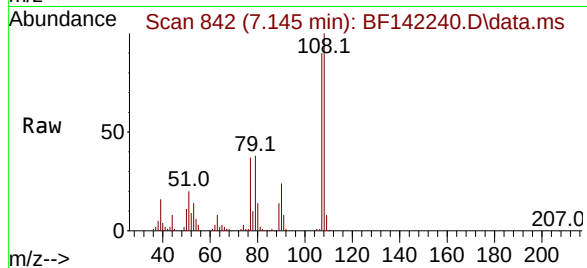
Tgt Ion: 45 Resp: 111179
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.3
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 5.118 ng
RT: 7.145 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

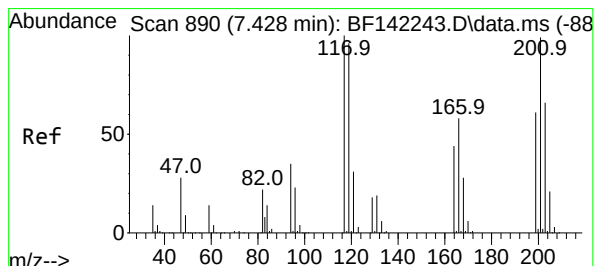
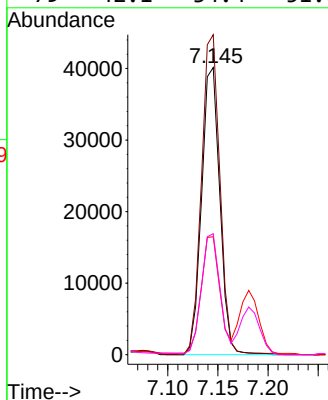
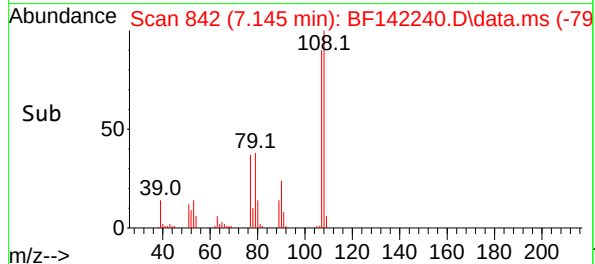
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



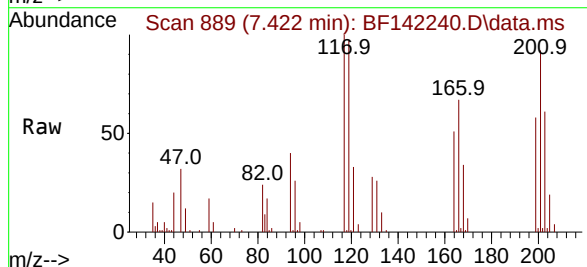
Tgt Ion:107 Resp: 5094
Ion Ratio Lower Upper
107 100
108 111.4 91.0 136.4
77 41.1 34.4 51.6
79 42.1 34.4 51.6

Manual Integrations
APPROVED

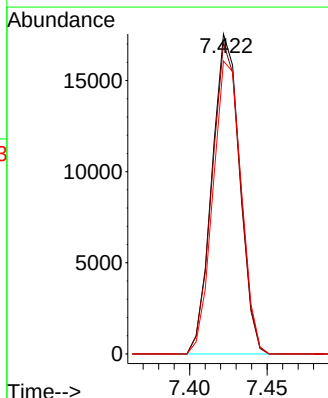
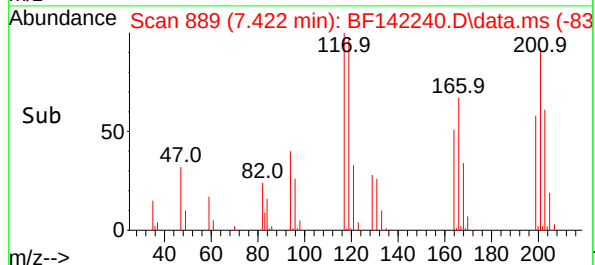
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

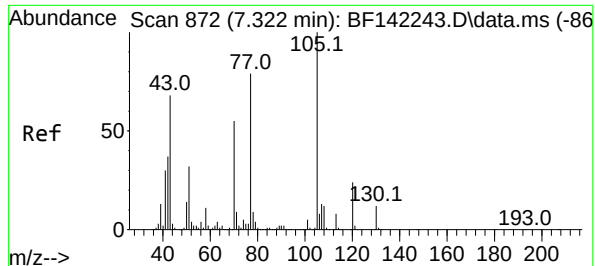


#18
Hexachloroethane
Concen: 4.844 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



Tgt Ion:117 Resp: 21958
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
201 91.6 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 5.281 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 4634

Ion Ratio Lower Upper

70 100

42 68.0 53.4 80.2

101 8.9 7.7 11.5

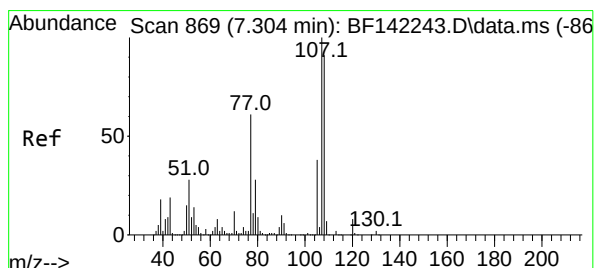
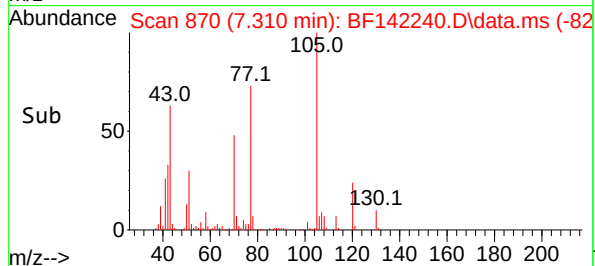
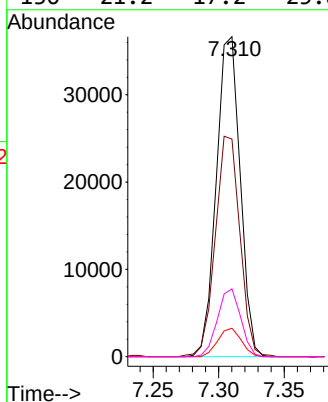
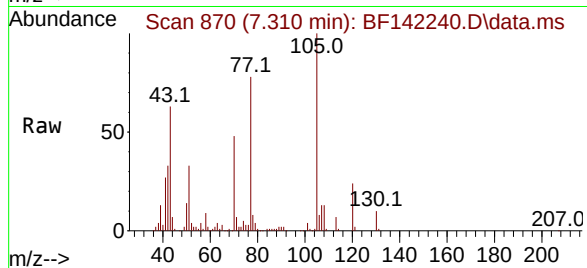
130 21.2 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 5.119 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Tgt Ion:107 Resp: 63725

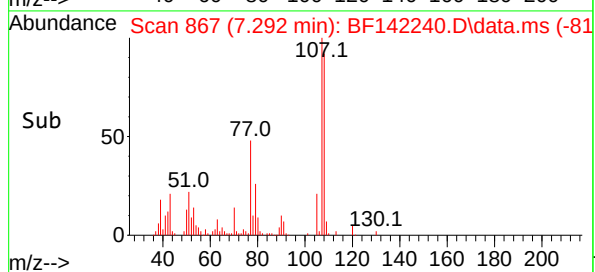
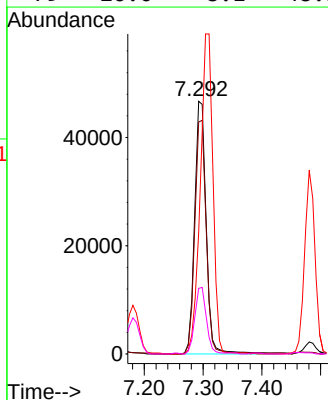
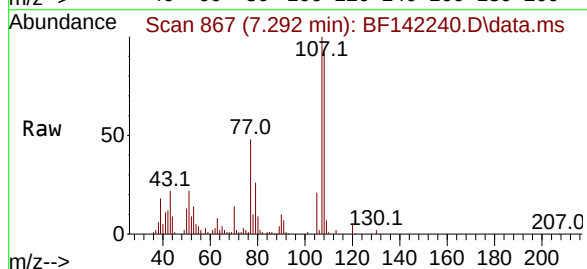
Ion Ratio Lower Upper

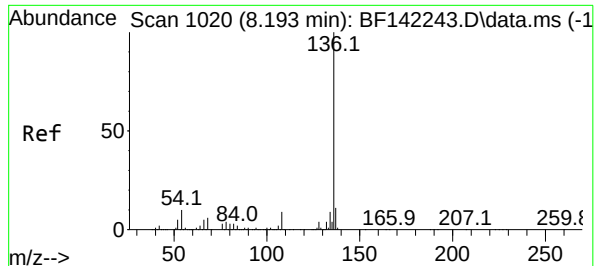
107 100

108 91.8 71.2 111.2

77 48.0 41.1 81.1

79 26.0 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.001 min

Lab File: BF142240.D

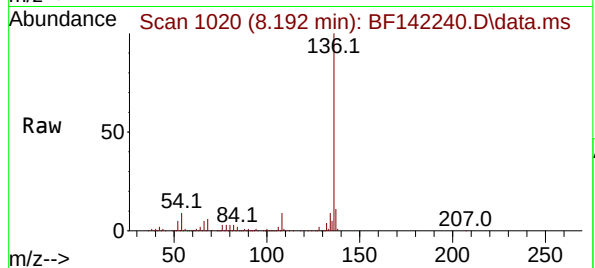
Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 726978

Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.9 7.7 11.5

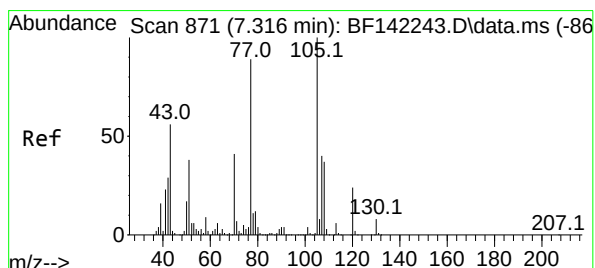
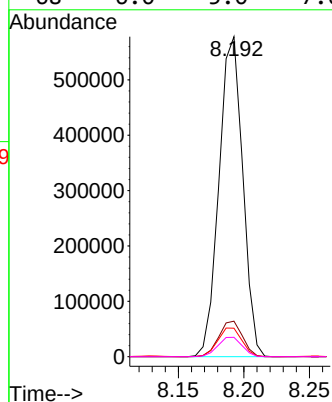
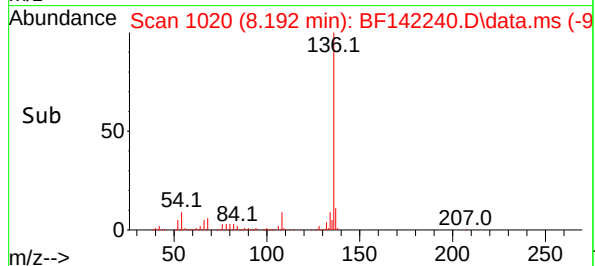
68 6.0 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#22

Acetophenone

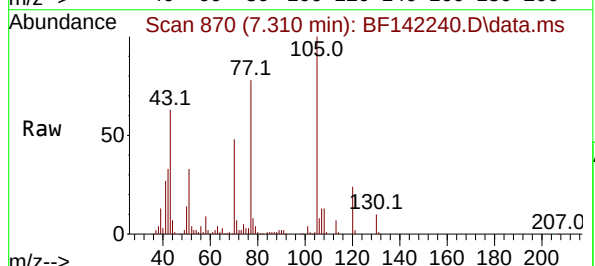
Concen: 5.518 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52



Tgt Ion:105 Resp: 92806

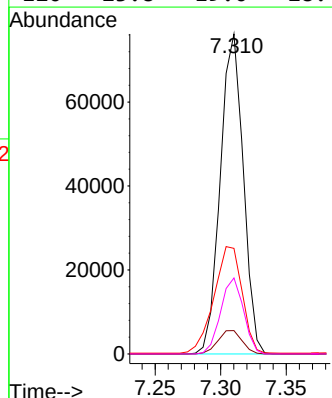
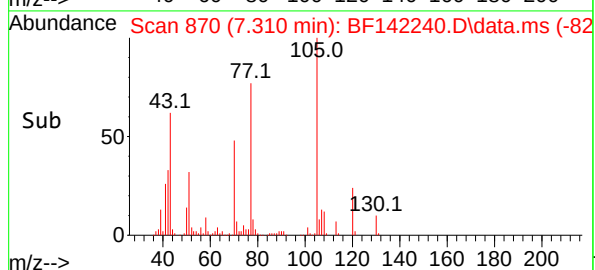
Ion Ratio Lower Upper

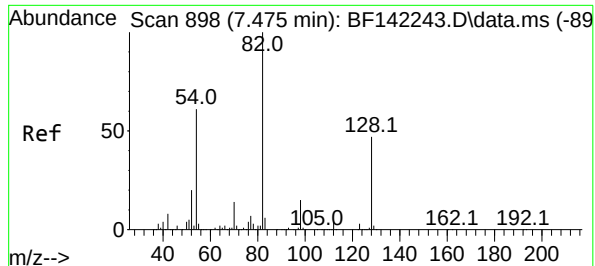
105 100

71 7.3 5.7 8.5

51 33.0 30.1 45.1

120 23.8 19.0 28.4





#23

Nitrobenzene-d5

Concen: 7.118 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 7876

Ion Ratio Lower Upper

82 100

128 40.7 37.0 55.6

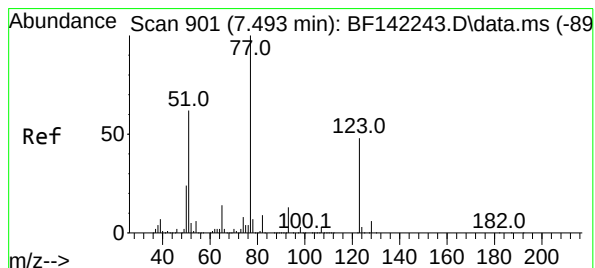
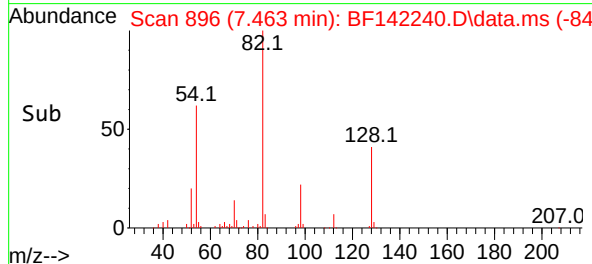
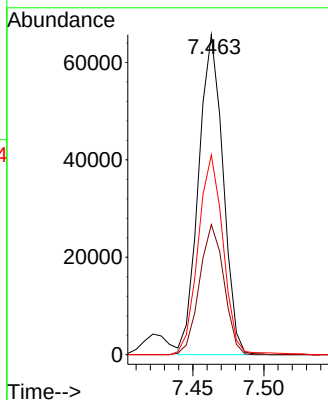
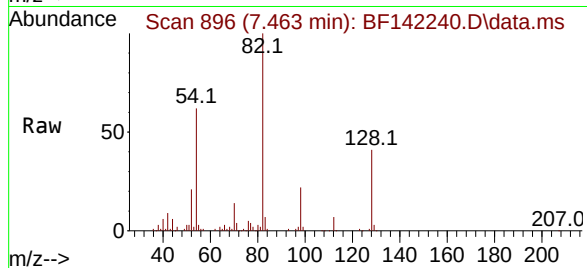
54 62.4 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 3.837 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

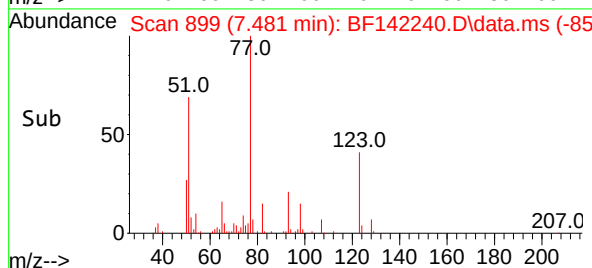
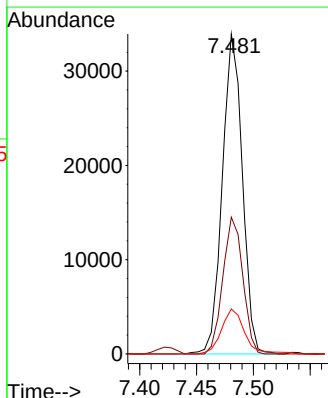
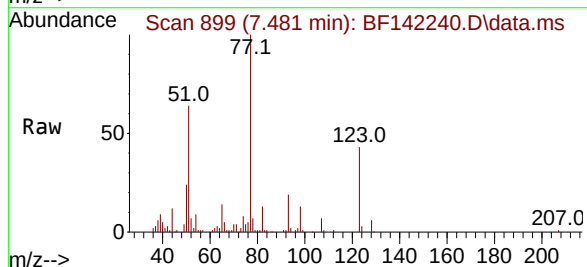
Tgt Ion: 77 Resp: 41660

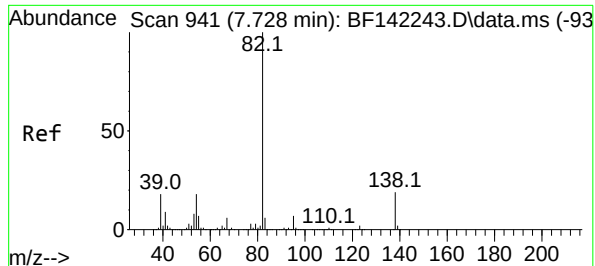
Ion Ratio Lower Upper

77 100

123 42.7 38.6 58.0

65 14.1 11.5 17.3





#25

Isophorone

Concen: 5.165 ng

RT: 7.722 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 119954

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

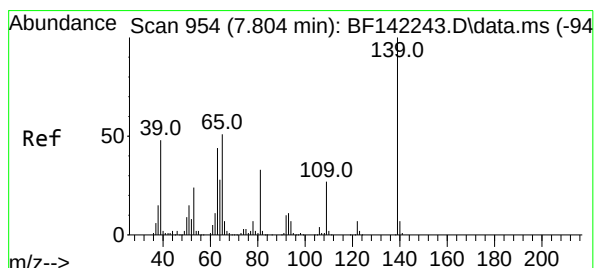
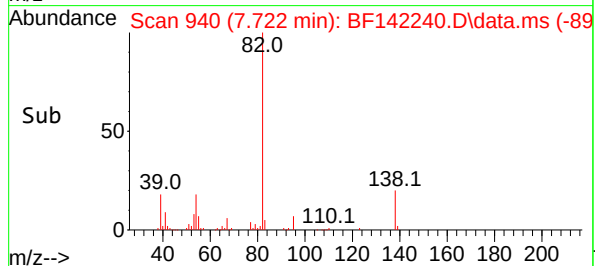
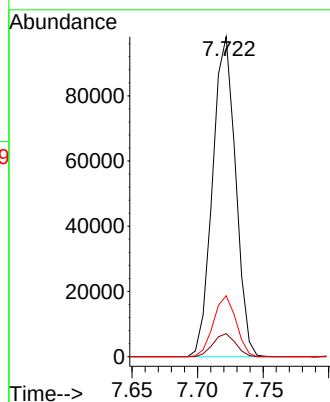
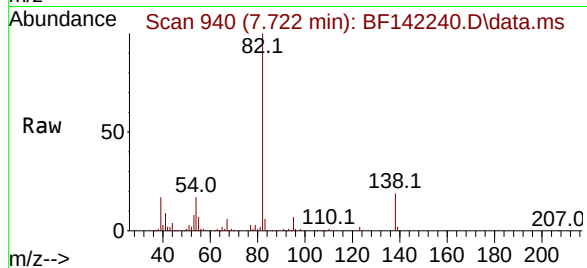
138 19.0 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#26

2-Nitrophenol

Concen: 6.901 ng

RT: 7.804 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

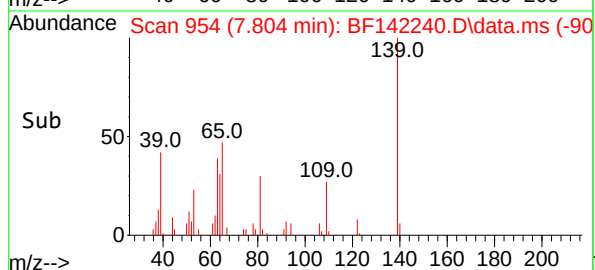
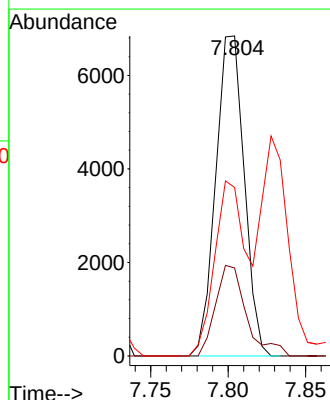
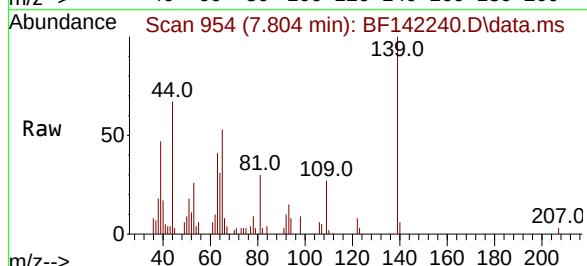
Tgt Ion:139 Resp: 8775

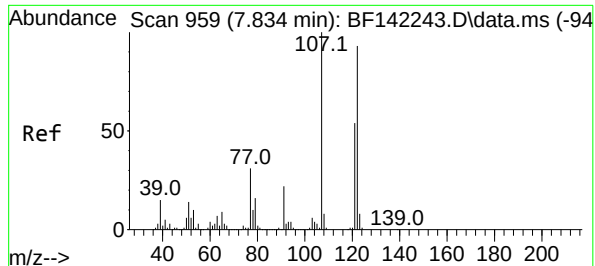
Ion Ratio Lower Upper

139 100

109 27.5 21.8 32.8

65 52.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 4.887 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

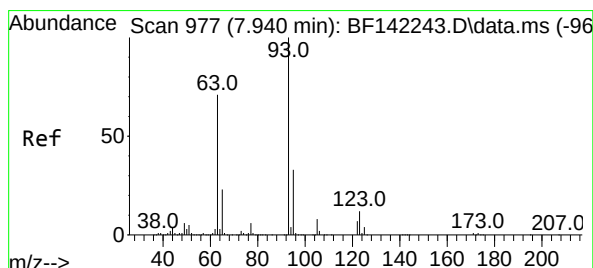
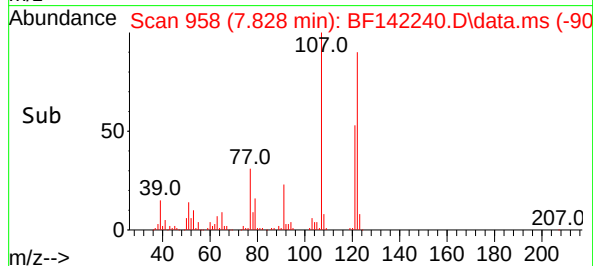
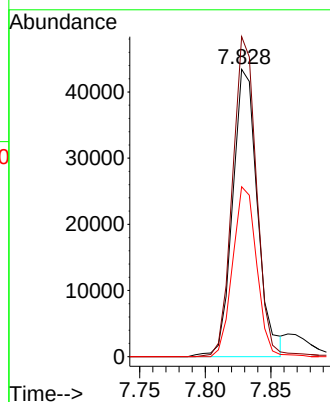
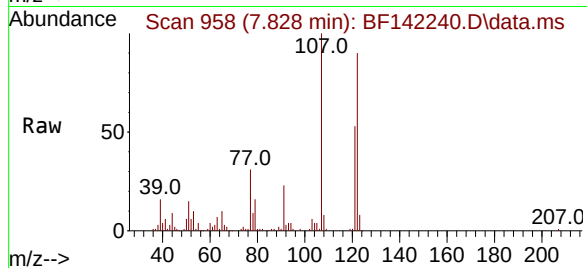
SSTDICC005

Tgt Ion:	122	Resp:	5721
Ion	Ratio	Lower	Upper
122	100		
107	111.3	86.0	129.0
121	59.1	46.3	69.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.268 ng

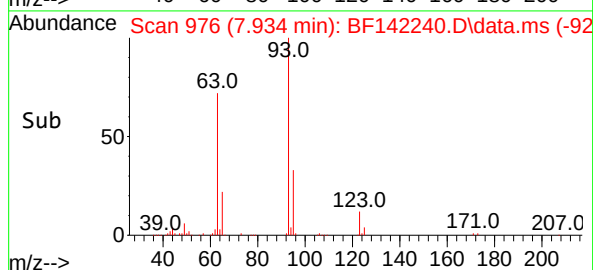
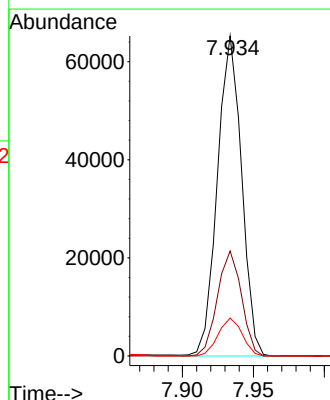
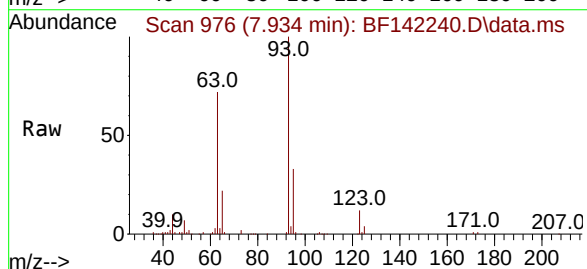
RT: 7.934 min Scan# 976

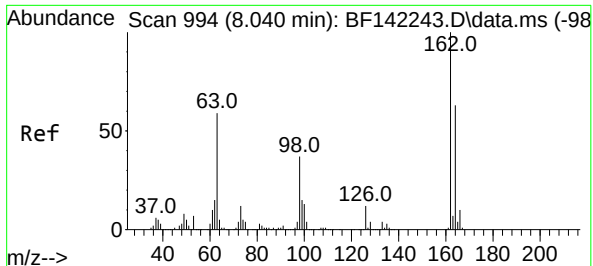
Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Tgt Ion:	93	Resp:	77155
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	11.8	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 4.560 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

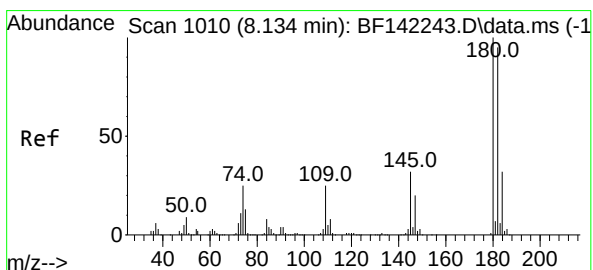
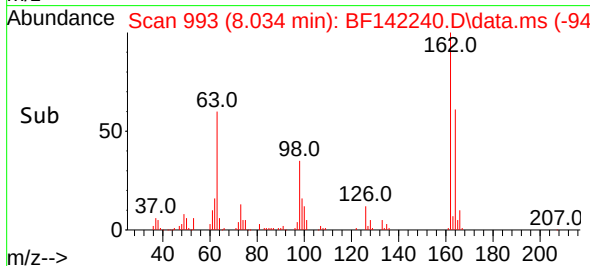
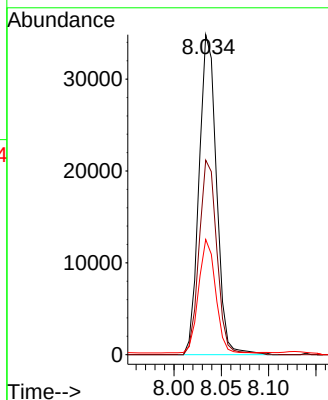
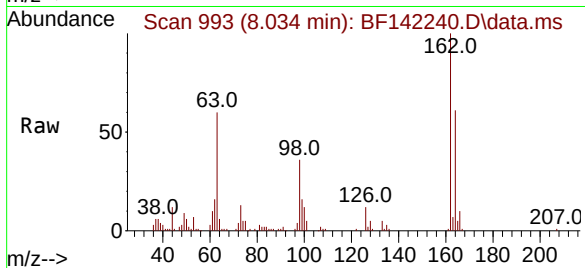
SSTDICC005

Tgt Ion:162	Resp:	4464
Ion Ratio	Lower	Upper
162	100	
164	60.8	43.0 83.0
98	36.0	16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.326 ng

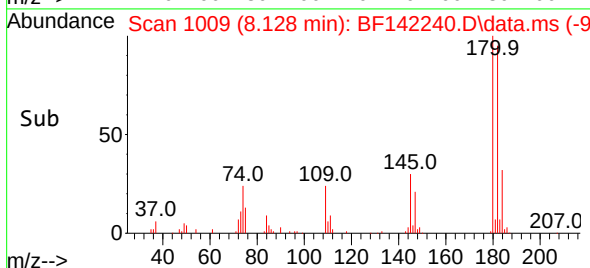
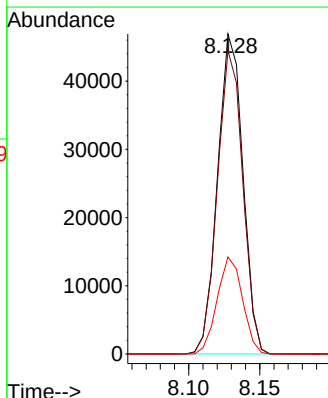
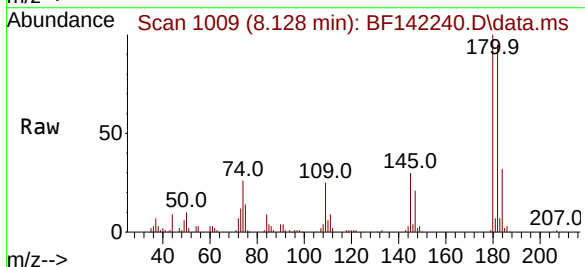
RT: 8.128 min Scan# 1009

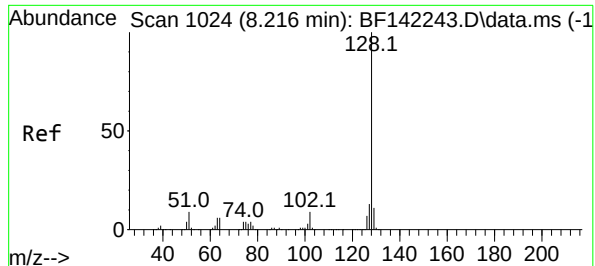
Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

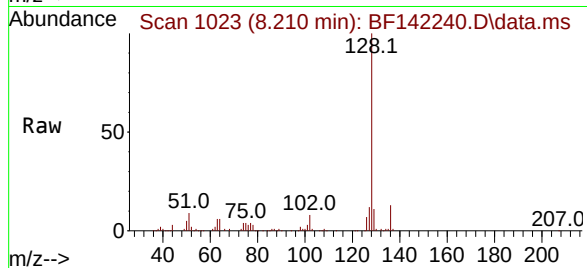
Tgt Ion:180	Resp:	58177
Ion Ratio	Lower	Upper
180	100	
182	94.8	75.7 113.5
145	30.3	25.4 38.0





#31
Naphthalene
Concen: 5.543 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

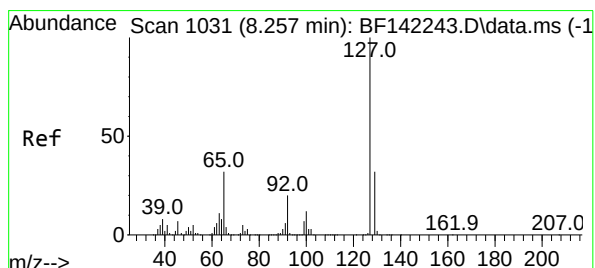
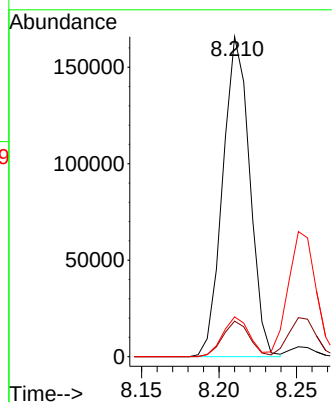
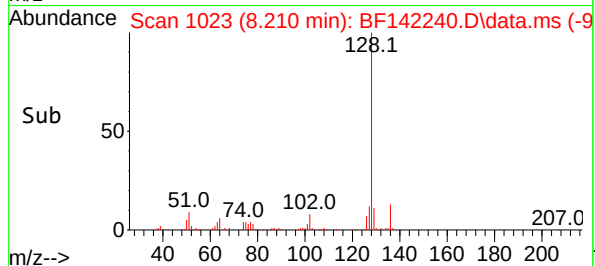
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 200969
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.4 10.6 15.8

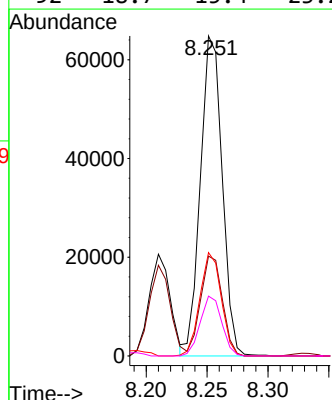
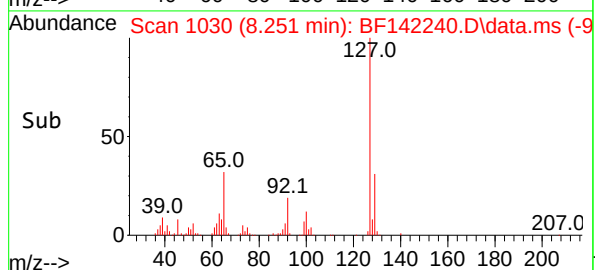
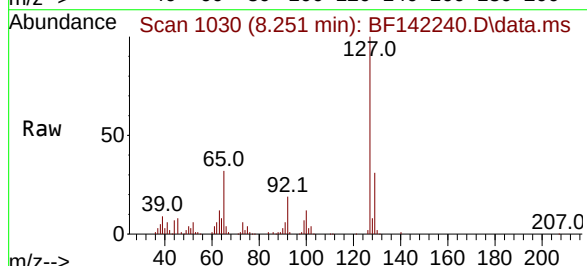
Manual Integrations
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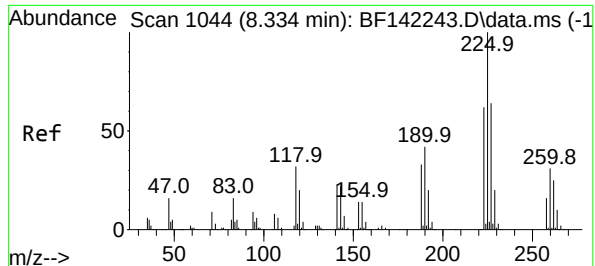
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#33
4-Chloroaniline
Concen: 5.367 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:127 Resp: 81024
Ion Ratio Lower Upper
127 100
129 31.2 26.1 39.1
65 32.3 25.5 38.3
92 18.7 15.4 23.2





#34

Hexachlorobutadiene

Concen: 5.127 ng

RT: 8.334 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:225 Resp: 32670

Ion Ratio Lower Upper

225 100

223 64.0 49.7 74.5

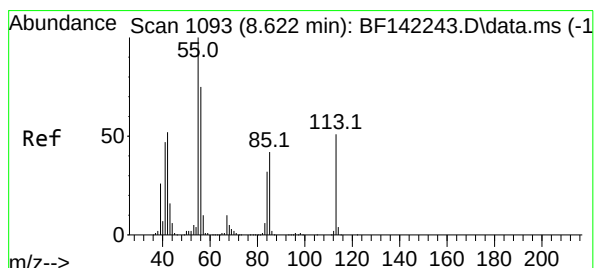
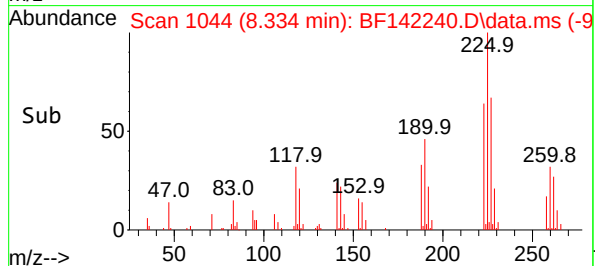
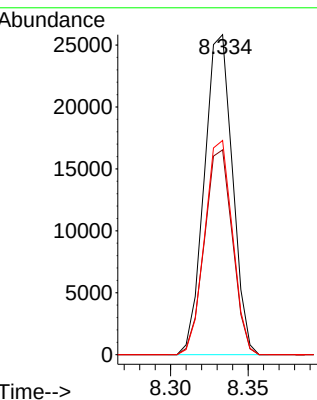
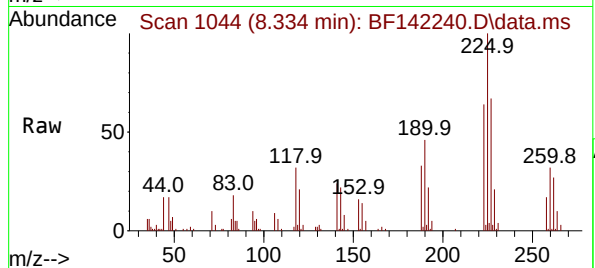
227 67.0 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#35

Caprolactam

Concen: 4.223 ng

RT: 8.575 min Scan# 1085

Delta R.T. -0.047 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

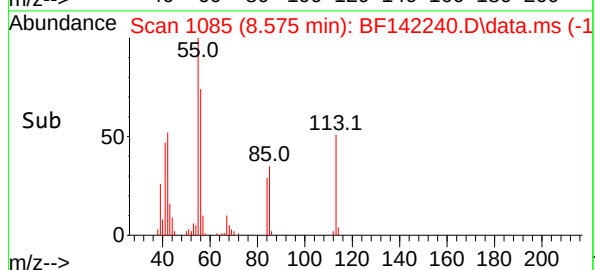
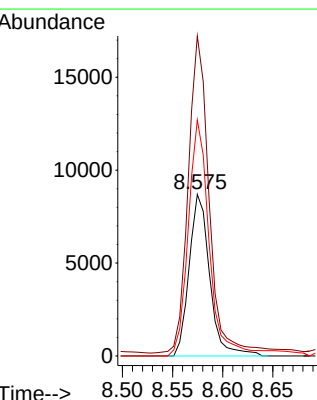
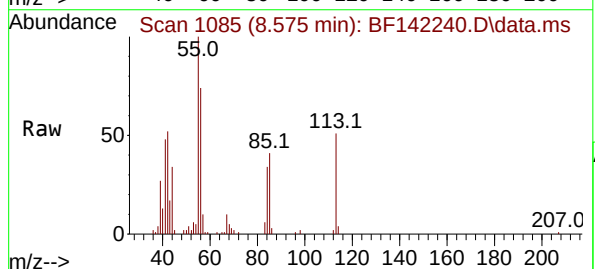
Tgt Ion:113 Resp: 12427

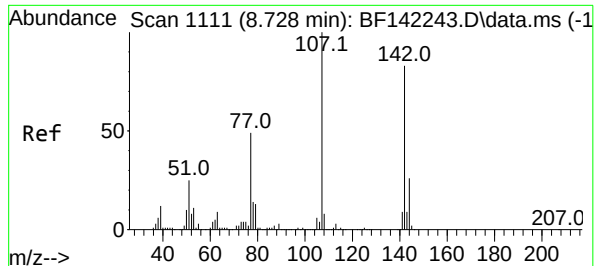
Ion Ratio Lower Upper

113 100

55 197.9 177.7 217.7

56 146.0 127.1 167.1





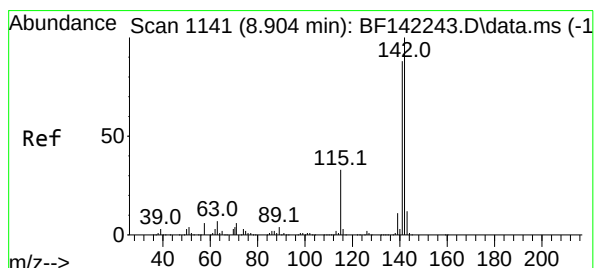
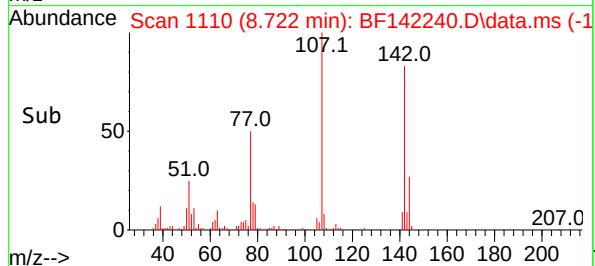
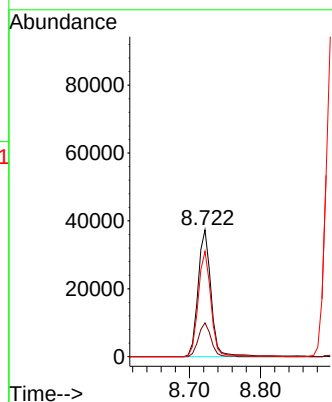
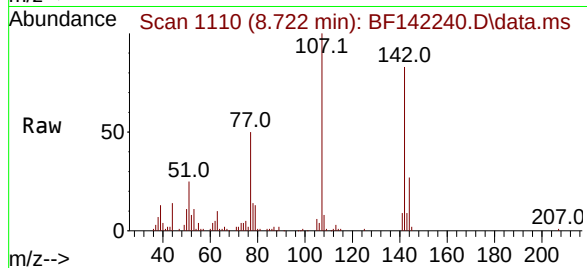
#36
4-Chloro-3-methylphenol
Concen: 4.743 ng
RT: 8.722 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 4767
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.4
142 83.1 66.1 99.1

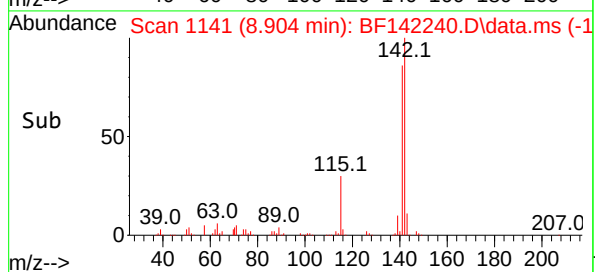
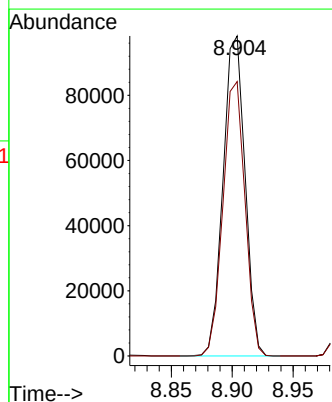
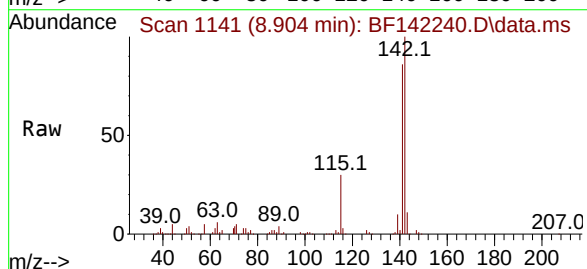
Manual Integrations
APPROVED

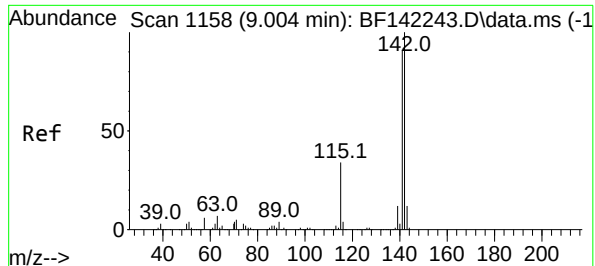
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#37
2-Methylnaphthalene
Concen: 5.539 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

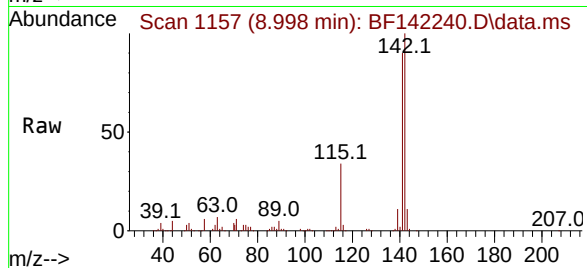
Tgt Ion:142 Resp: 123458
Ion Ratio Lower Upper
142 100
141 85.8 70.5 105.7





#38
1-Methylnaphthalene
Concen: 5.512 ng
RT: 8.998 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

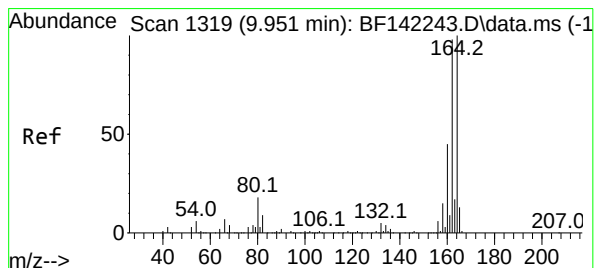
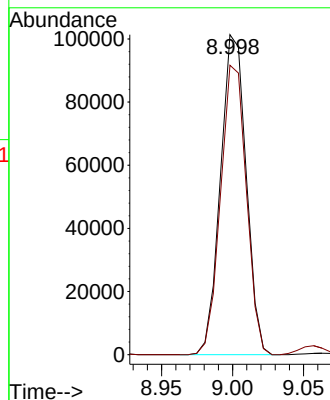
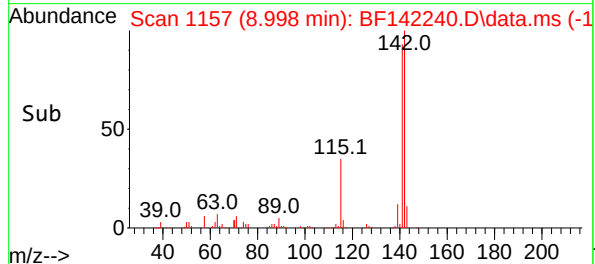
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 127274
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2

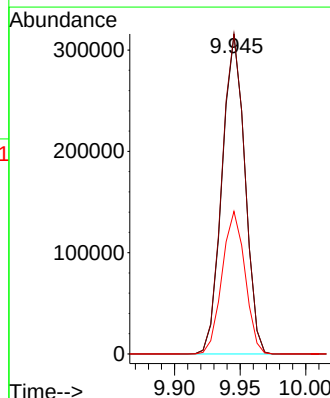
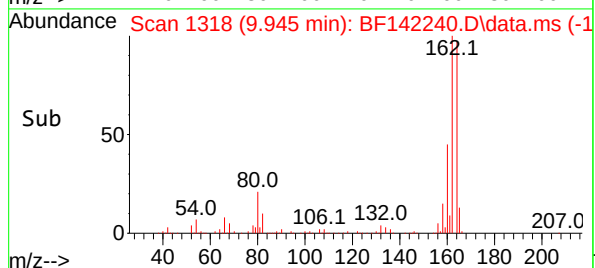
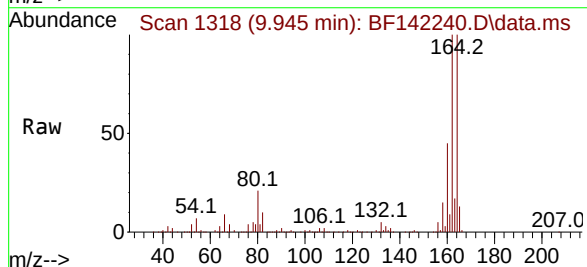
Manual Integrations
APPROVED

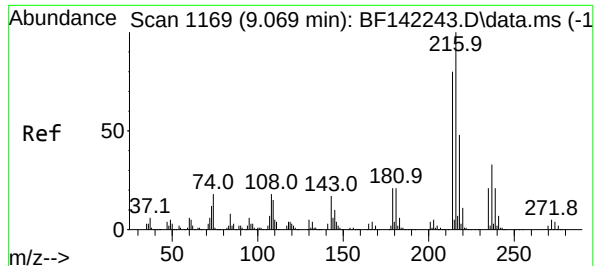
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:164 Resp: 380022
Ion Ratio Lower Upper
164 100
162 100.5 78.6 117.8
160 44.8 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.513 ng

RT: 9.063 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 5896

Ion Ratio Lower Upper

216 100

214 76.4 63.8 95.6

179 20.8 16.7 25.1

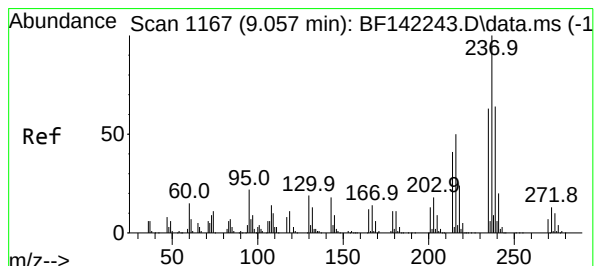
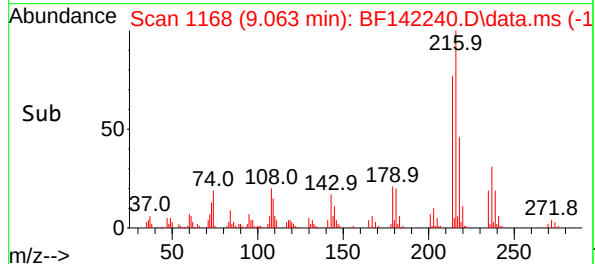
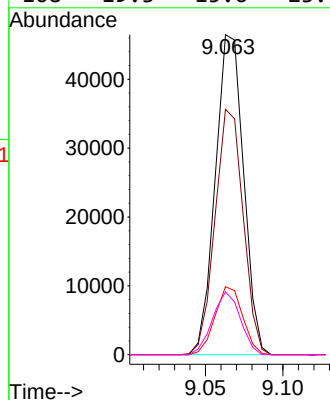
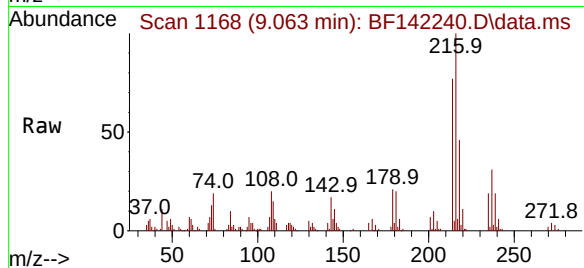
108 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#41

Hexachlorocyclopentadiene

Concen: 3.827 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

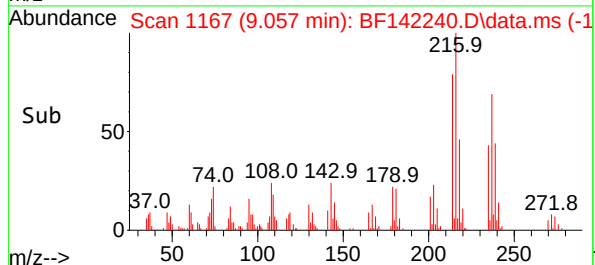
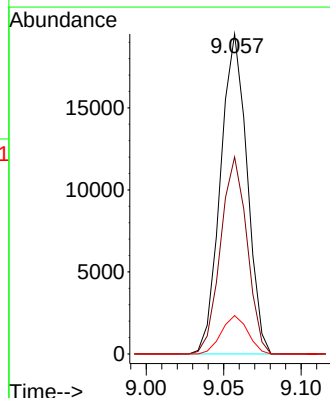
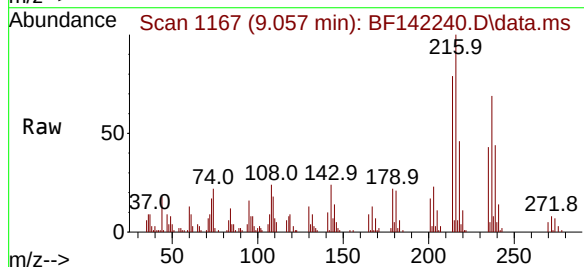
Tgt Ion:237 Resp: 23228

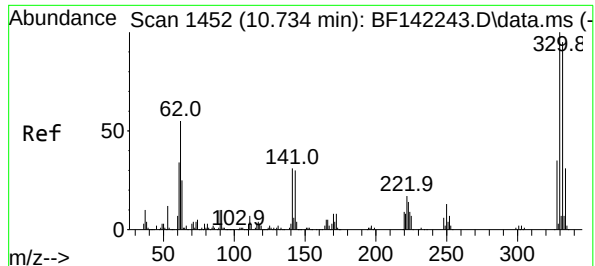
Ion Ratio Lower Upper

237 100

235 61.6 43.5 83.5

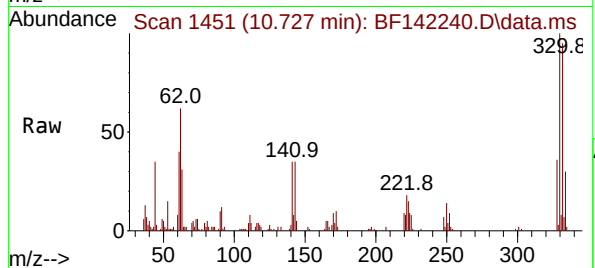
272 12.0 0.0 32.9





#42
2,4,6-Tribromophenol
Concen: 7.613 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

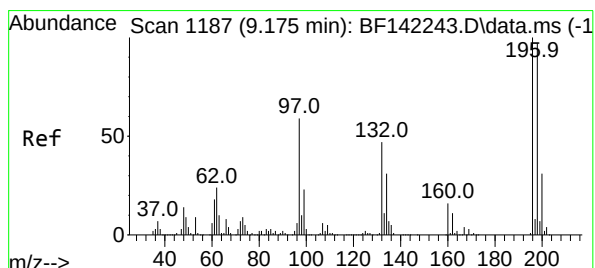
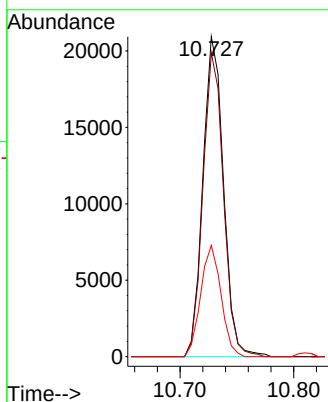
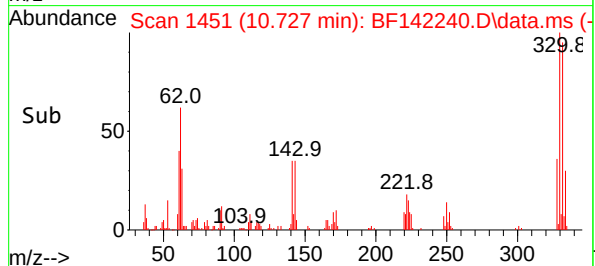
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 330 Resp: 2637
Ion Ratio Lower Upper
330 100
332 94.2 76.5 114.7
141 34.3 24.3 36.5

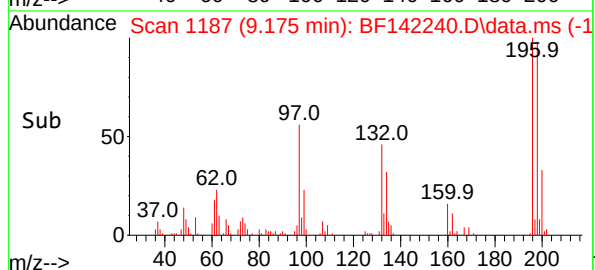
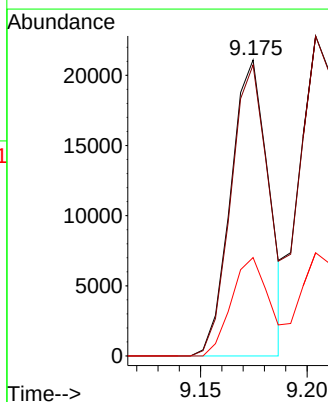
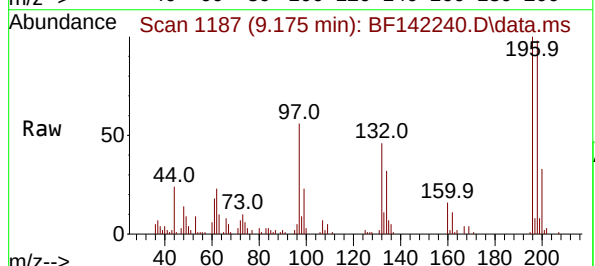
Manual Integrations
APPROVED

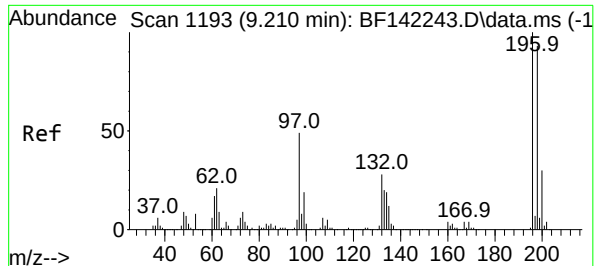
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#43
2,4,6-Trichlorophenol
Concen: 3.949 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

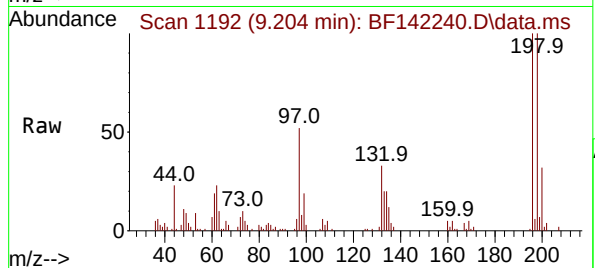
Tgt Ion: 196 Resp: 26171
Ion Ratio Lower Upper
196 100
198 98.3 77.4 116.2
200 33.2 24.6 37.0





#44
2,4,5-Trichlorophenol
Concen: 4.390 ng
RT: 9.204 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

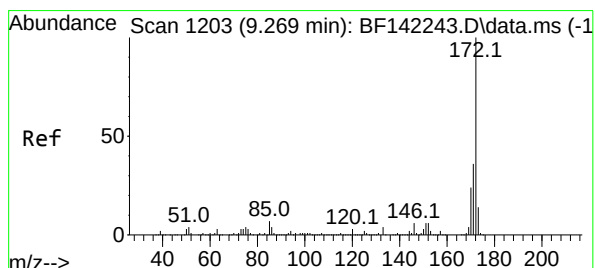
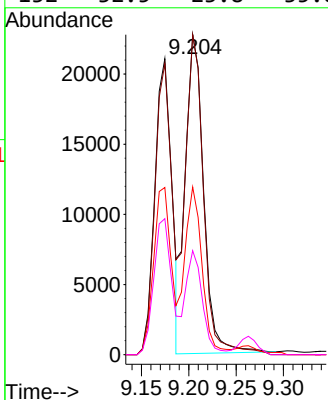
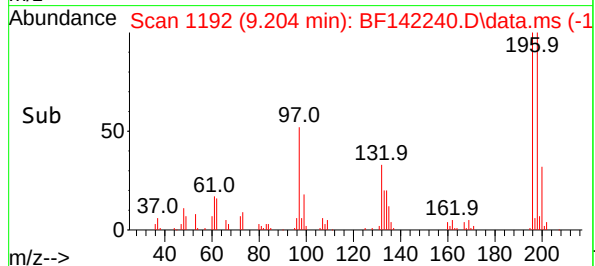
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



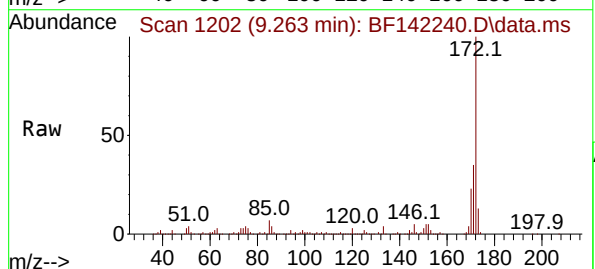
Tgt Ion:196 Resp: 3058
Ion Ratio Lower Upper
196 100
198 99.9 75.2 112.8
97 52.4 39.8 59.8
132 32.5 23.8 35.8

Manual Integrations
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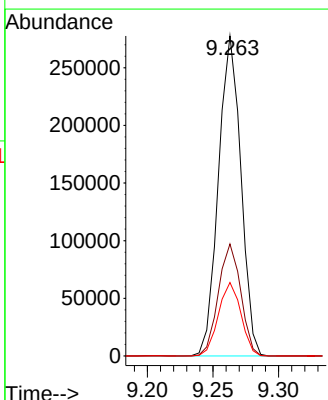
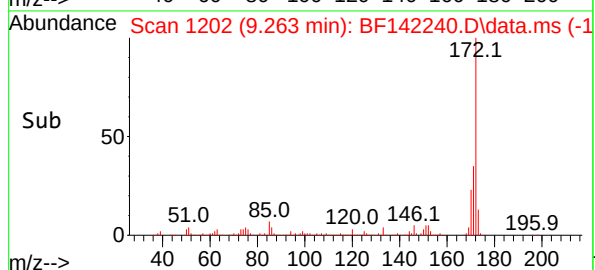
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

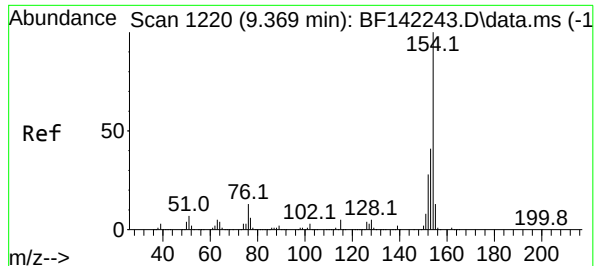


#45
2-Fluorobiphenyl
Concen: 12.256 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



Tgt Ion:172 Resp: 330323
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 22.9 19.4 29.0





#46

1,1'-Biphenyl

Concen: 5.702 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:154 Resp: 168450

Ion Ratio Lower Upper

154 100

153 38.7 20.5 60.5

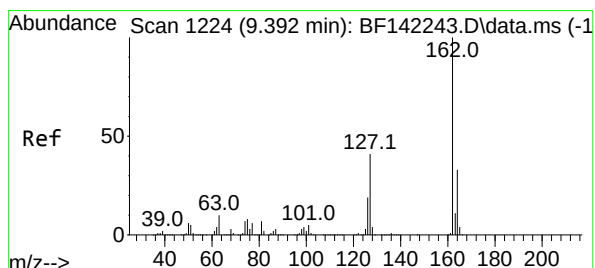
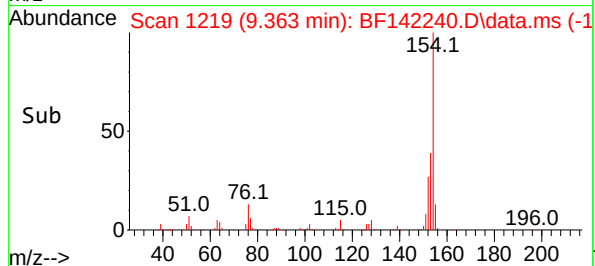
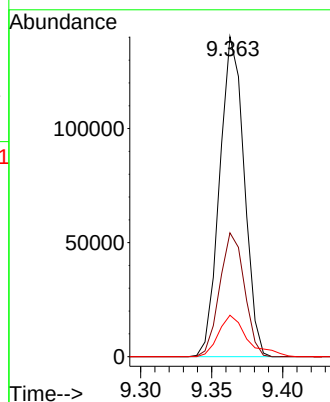
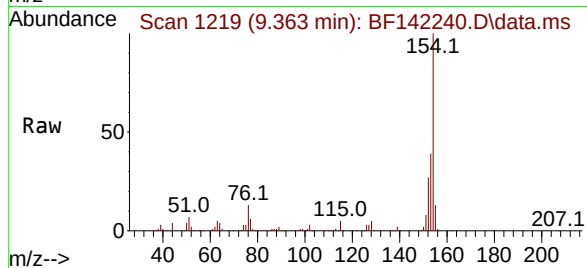
76 13.0 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#47

2-Chloronaphthalene

Concen: 5.572 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

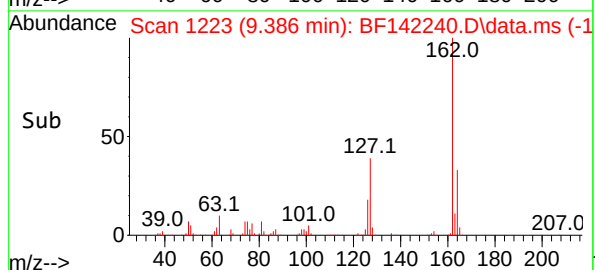
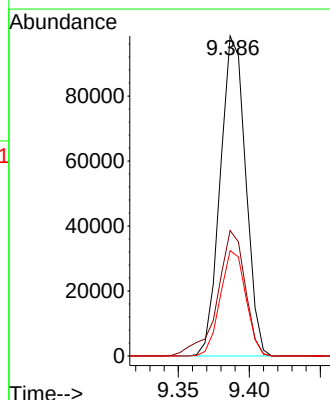
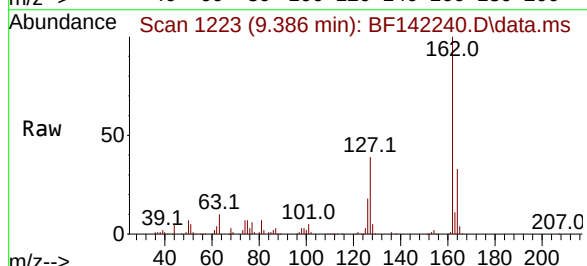
Tgt Ion:162 Resp: 122469

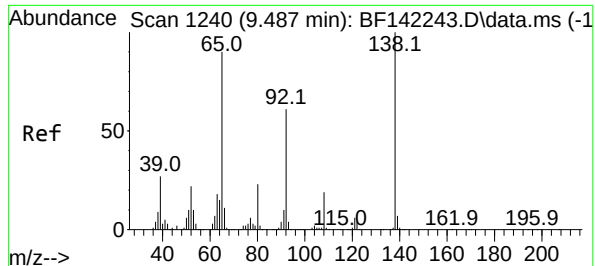
Ion Ratio Lower Upper

162 100

127 39.2 32.6 49.0

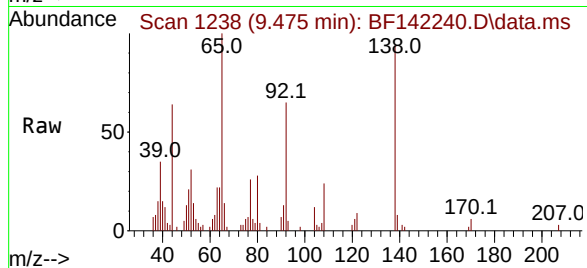
164 32.9 26.1 39.1





#48
2-Nitroaniline
Concen: 6.532 ng
RT: 9.475 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

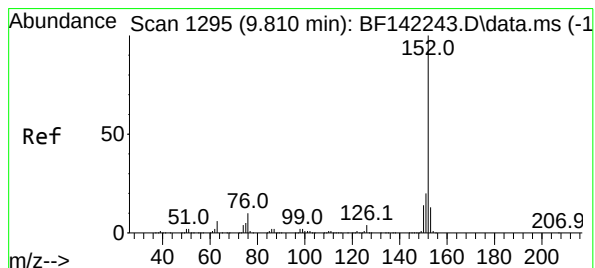
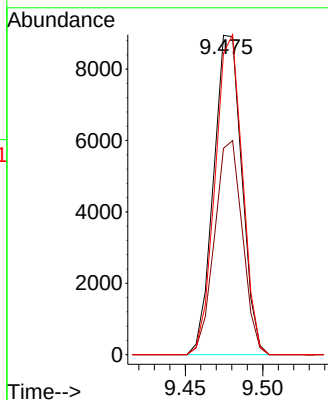
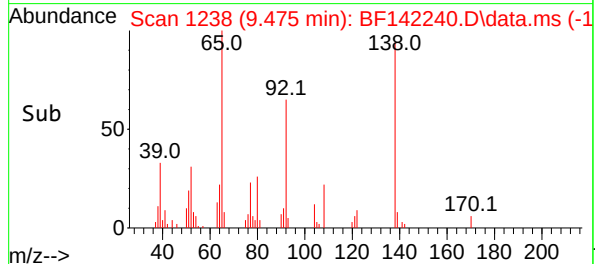
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 1134
Ion Ratio Lower Upper
65 100
92 64.6 54.3 81.5
138 94.3 88.6 133.0

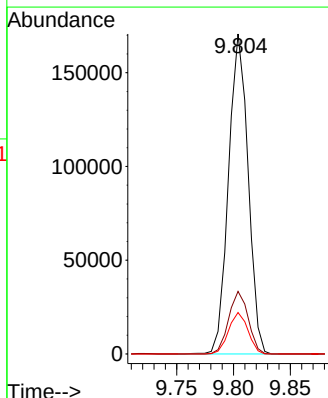
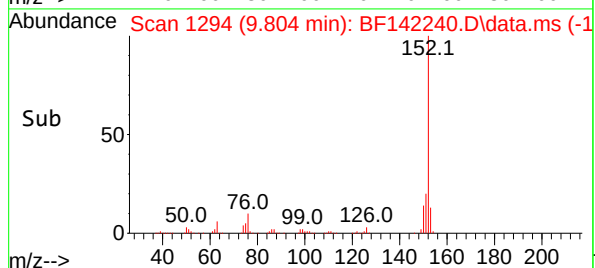
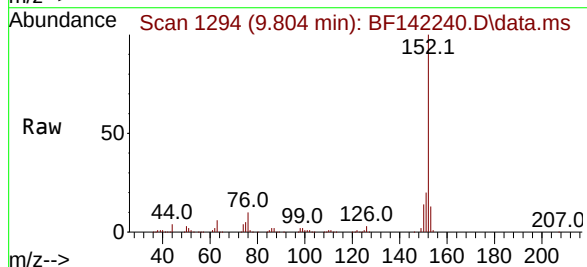
Manual Integrations
APPROVED

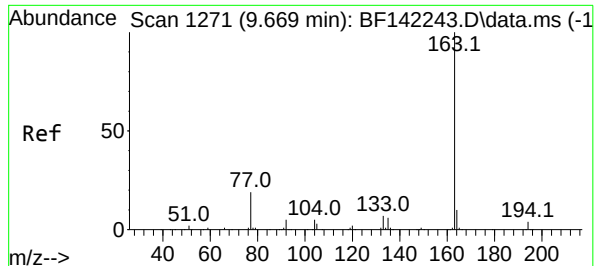
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#49
Acenaphthylene
Concen: 5.504 ng
RT: 9.804 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

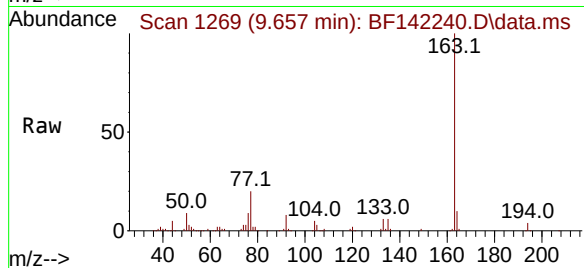
Tgt Ion:152 Resp: 204157
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 12.9 10.7 16.1





#50
Dimethylphthalate
Concen: 5.322 ng
RT: 9.657 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

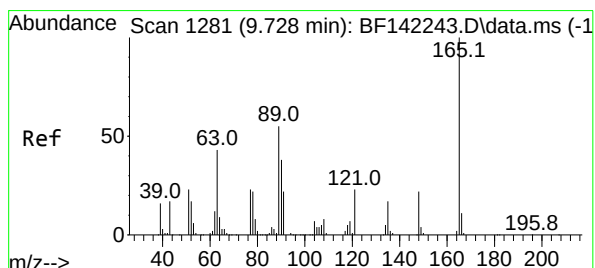
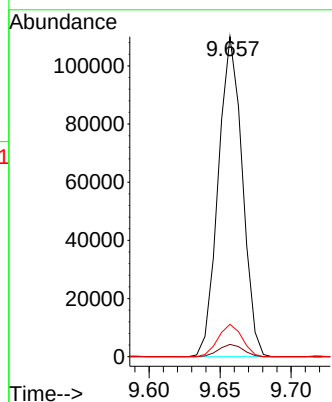
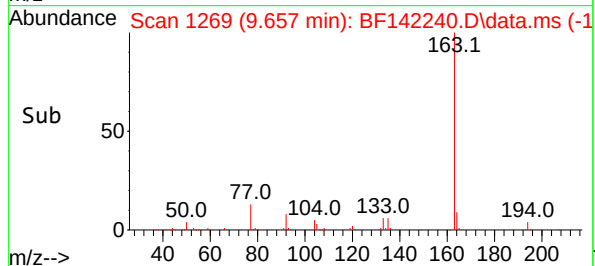
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:163 Resp: 129370
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.2 12.2

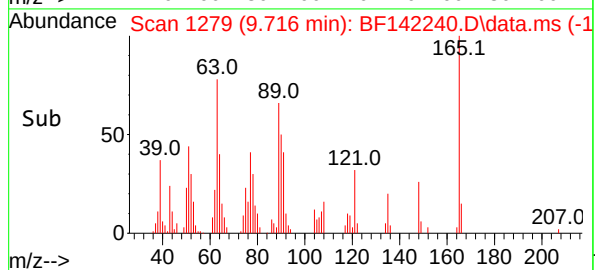
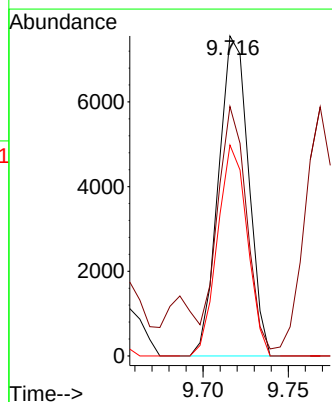
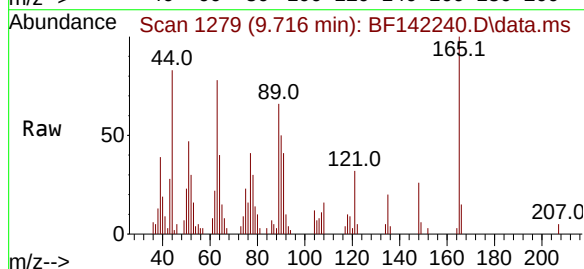
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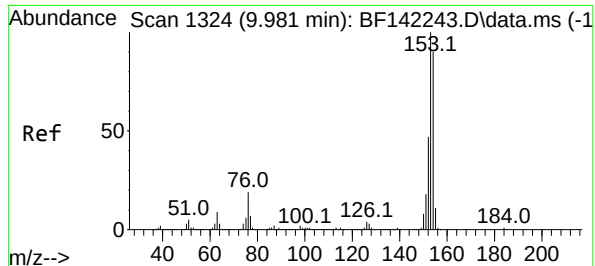
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#51
2,6-Dinitrotoluene
Concen: 5.846 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:165 Resp: 9271
Ion Ratio Lower Upper
165 100
63 77.9 48.5 72.7#
89 65.9 43.9 65.9#





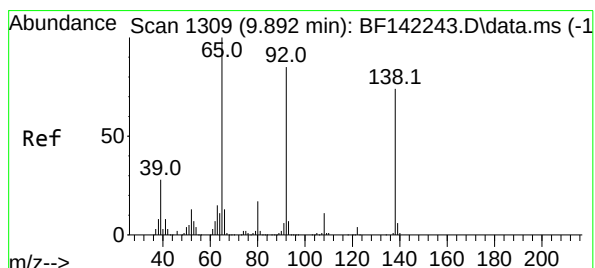
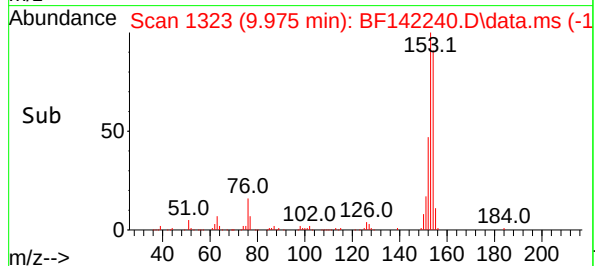
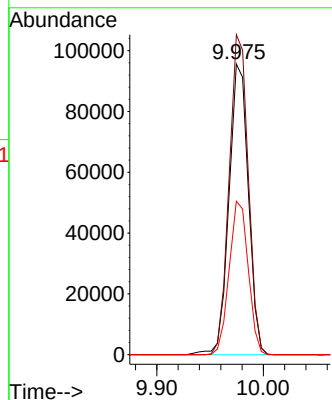
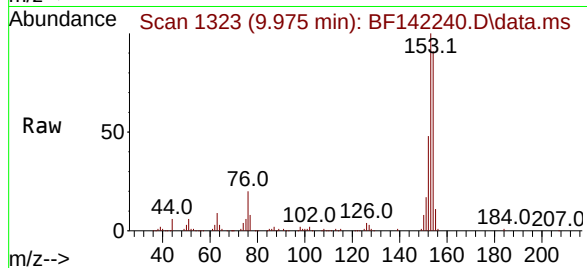
#52
Acenaphthene
Concen: 5.577 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 120775
Ion Ratio Lower Upper
154 100
153 110.1 88.6 133.0
152 52.8 42.1 63.1

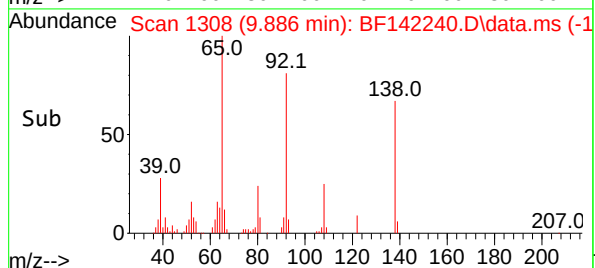
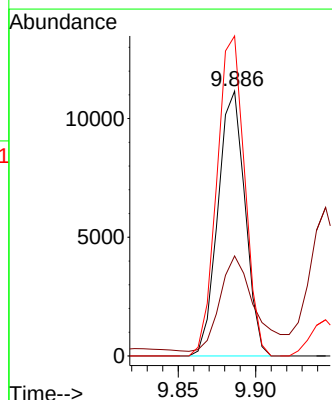
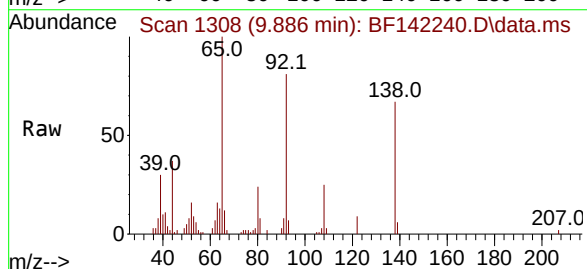
Manual Integrations
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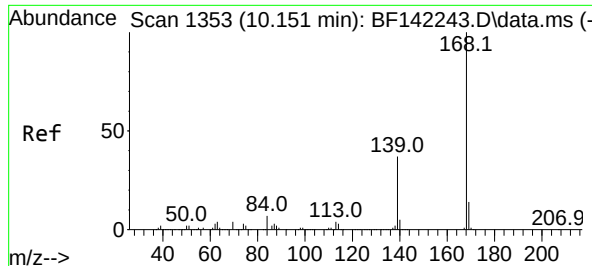
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#53
3-Nitroaniline
Concen: 5.423 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:138 Resp: 13576
Ion Ratio Lower Upper
138 100
108 37.8 11.7 17.5#
92 120.9 91.2 136.8





#55

Dibenzenofuran

Concen: 5.649 ng

RT: 10.151 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 18340

Ion Ratio Lower Upper

168 100

139 35.1 29.4 44.0

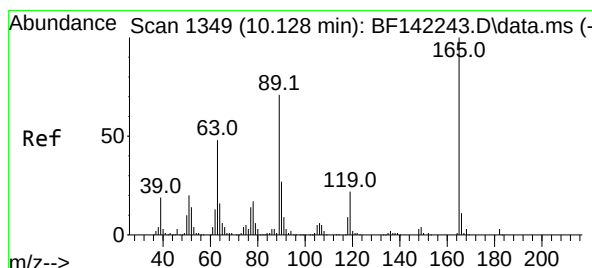
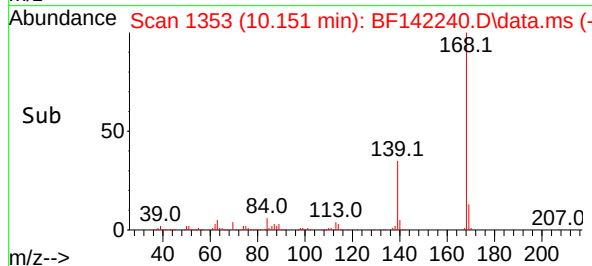
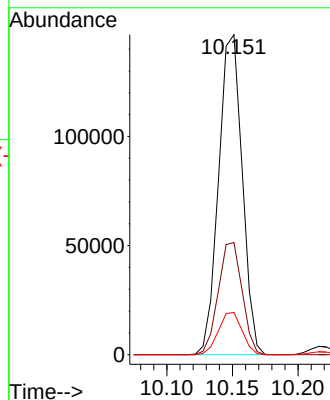
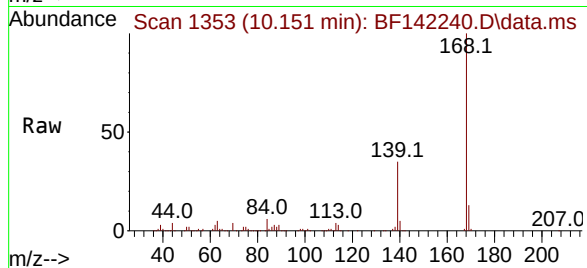
169 13.2 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#57

2,4-Dinitrotoluene

Concen: 6.601 ng

RT: 10.116 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Tgt Ion:165 Resp: 9928

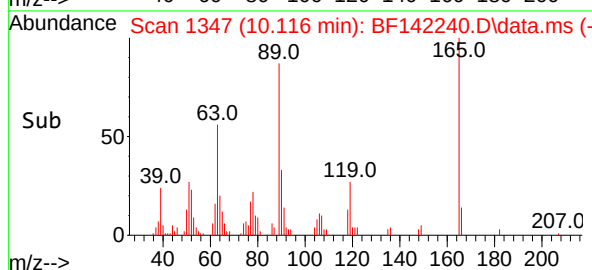
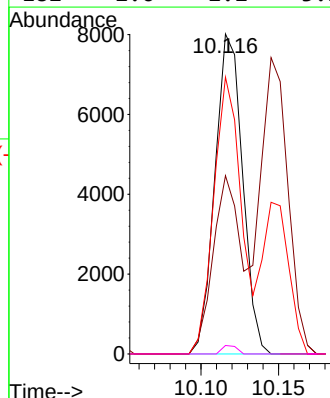
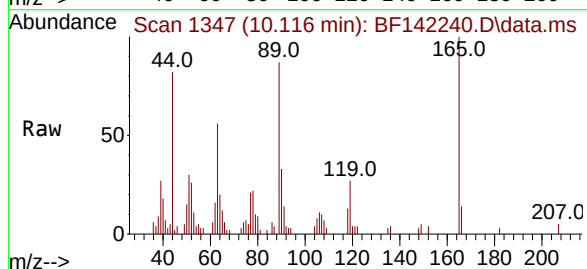
Ion Ratio Lower Upper

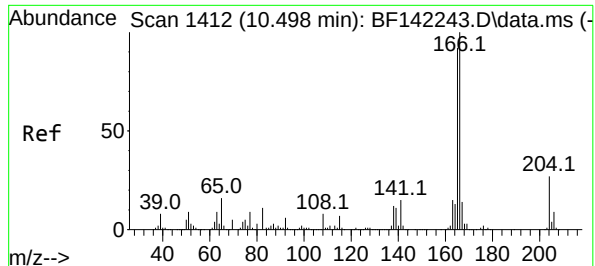
165 100

63 55.7 38.8 58.2

89 86.5 57.1 85.7#

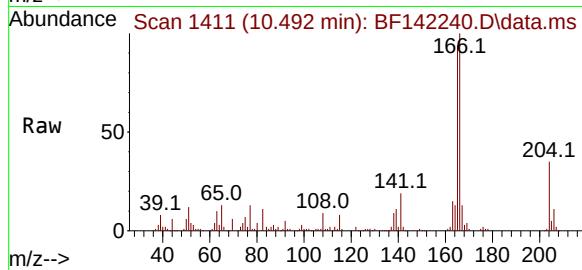
182 2.6 2.2 3.2





#58
Fluorene
Concen: 5.746 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

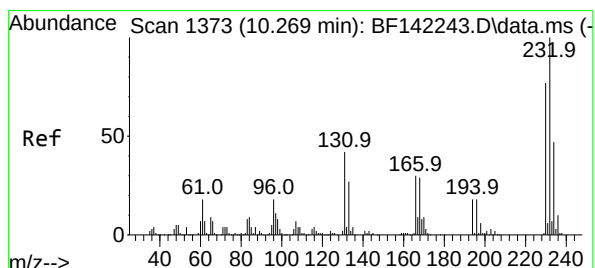
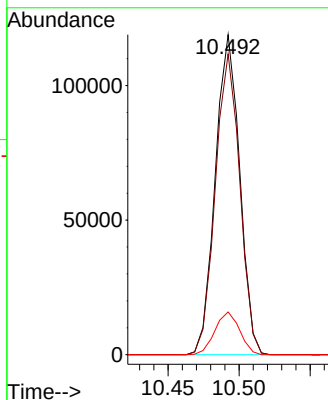
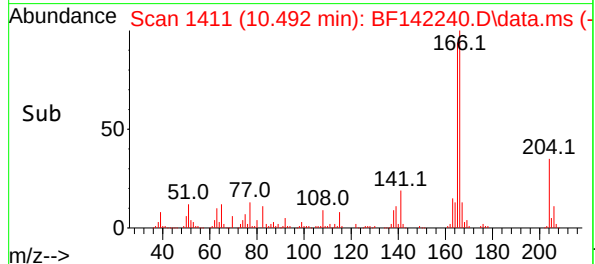
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



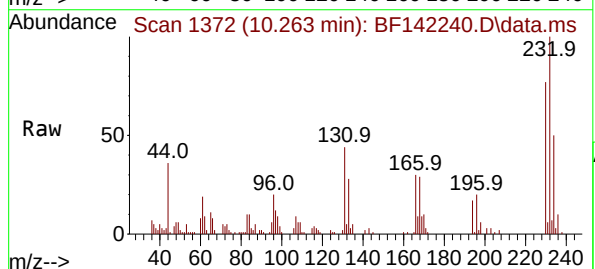
Tgt Ion:166 Resp: 141835
Ion Ratio Lower Upper
166 100
165 94.0 73.9 110.9
167 13.3 10.8 16.2

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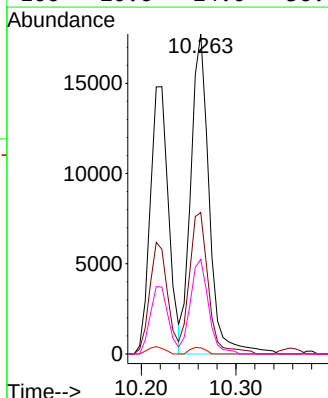
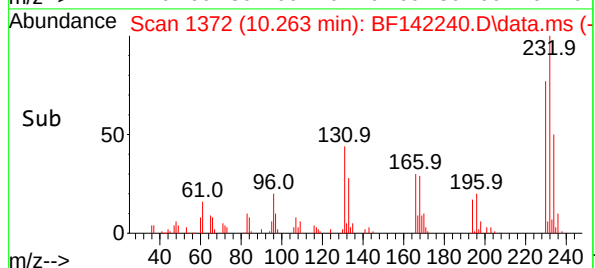
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

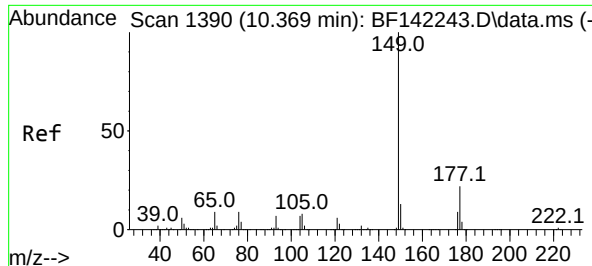


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.154 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



Tgt Ion:232 Resp: 23974
Ion Ratio Lower Upper
232 100
131 33.9 35.9 53.9#
130 2.0 1.8 2.6
166 20.6 24.0 36.0#





#60

Diethylphthalate

Concen: 5.238 ng

RT: 10.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:149 Resp: 125748

Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

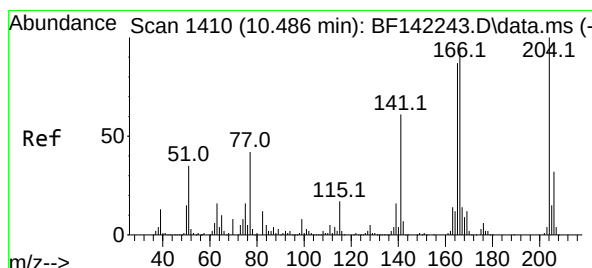
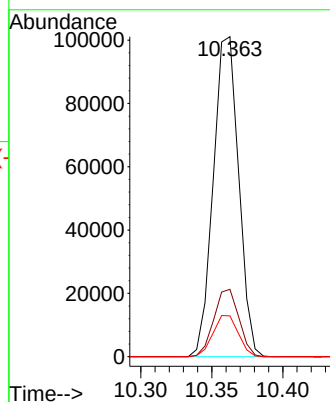
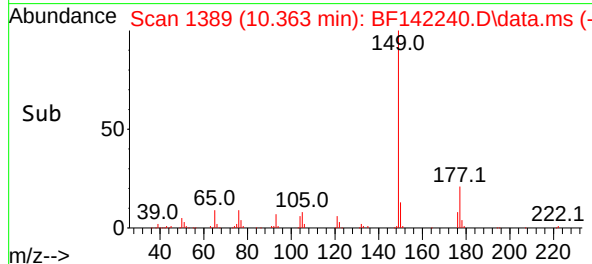
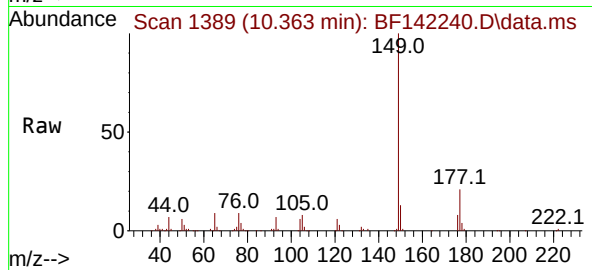
150 12.8 10.2 15.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#61

4-Chlorophenyl-phenylether

Concen: 5.688 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

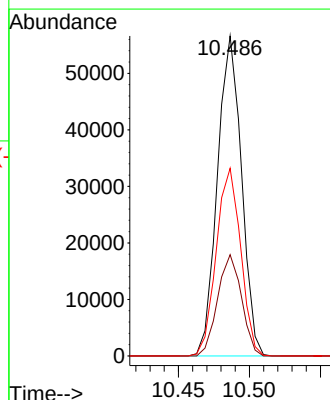
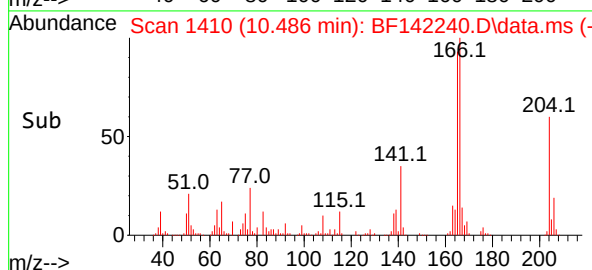
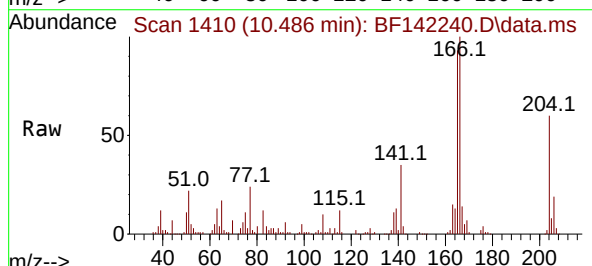
Tgt Ion:204 Resp: 66676

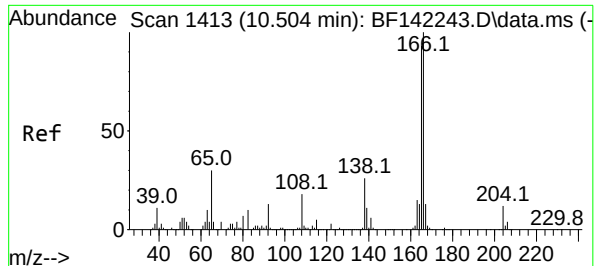
Ion Ratio Lower Upper

204 100

206 31.7 25.6 38.4

141 58.7 48.9 73.3





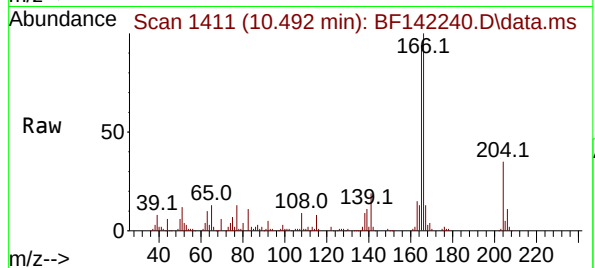
#62
4-Nitroaniline
Concen: 5.254 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

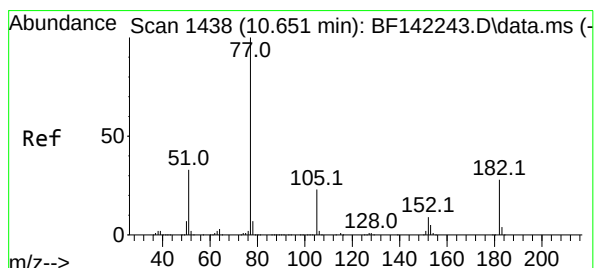
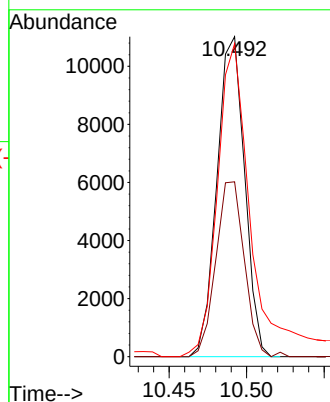
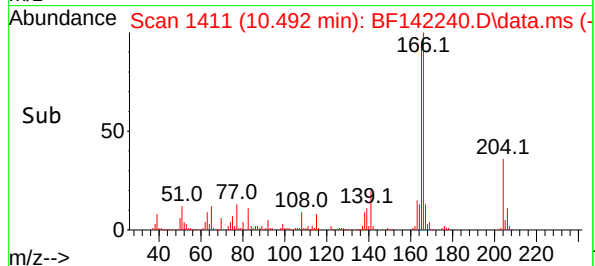


Tgt Ion:138 Resp: 1369
Ion Ratio Lower Upper
138 100
92 54.7 29.2 69.2
108 97.8 49.1 89.1

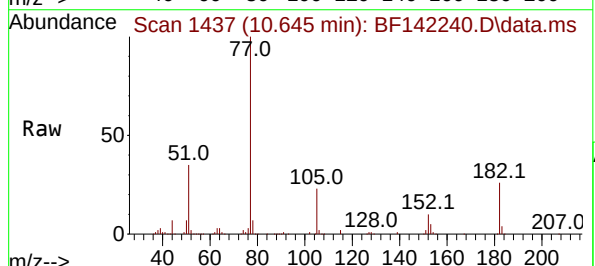
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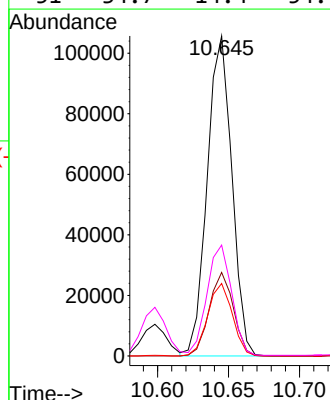
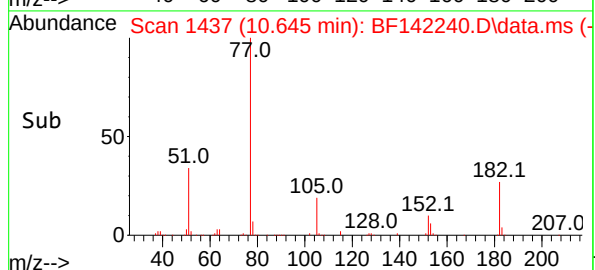
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

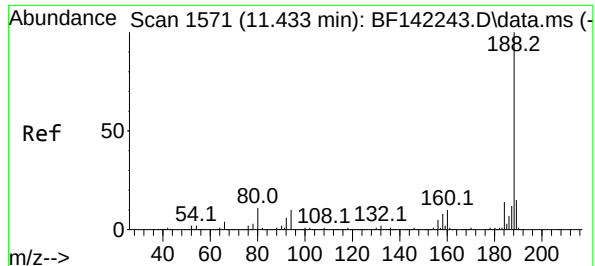


#63
Azobenzene
Concen: 5.394 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



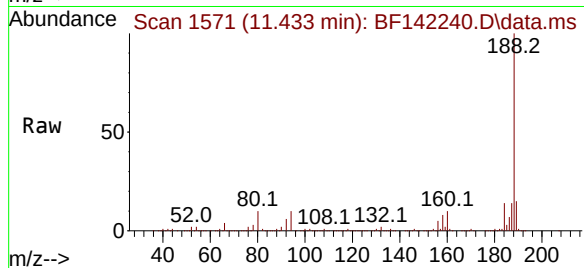
Tgt Ion: 77 Resp: 127873
Ion Ratio Lower Upper
77 100
182 26.1 7.3 47.3
105 22.7 2.5 42.5
51 34.7 14.4 54.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

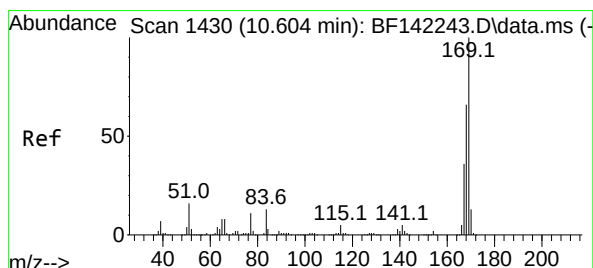
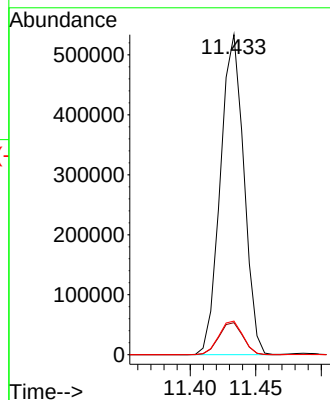
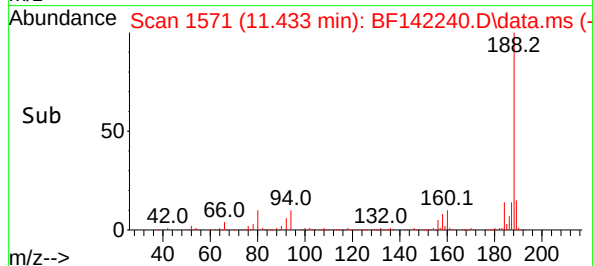
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



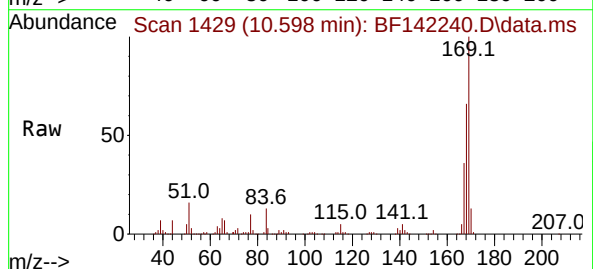
Tgt Ion:188 Resp: 66493
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.5 8.6 12.8

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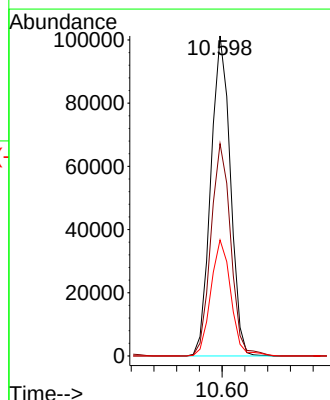
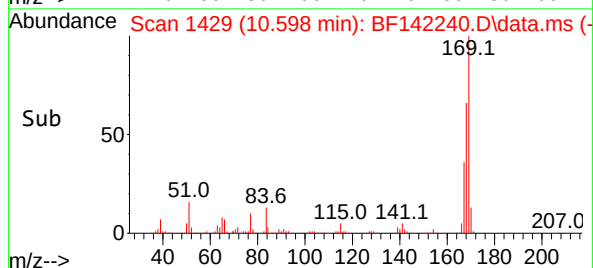
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

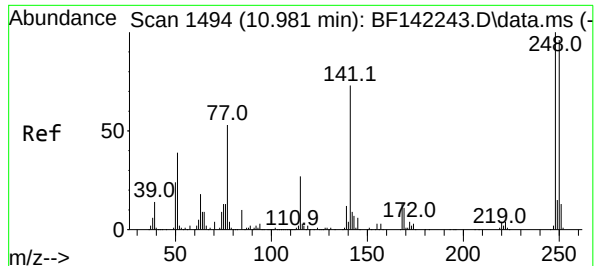


#66
n-Nitrosodiphenylamine
Concen: 5.317 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



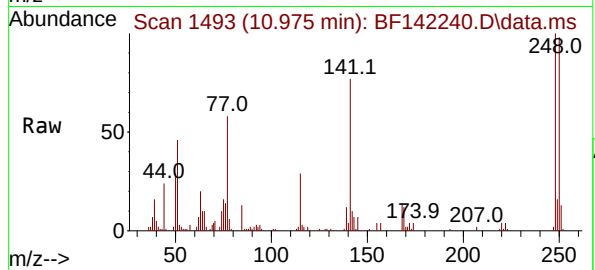
Tgt Ion:169 Resp: 120800
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 5.030 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

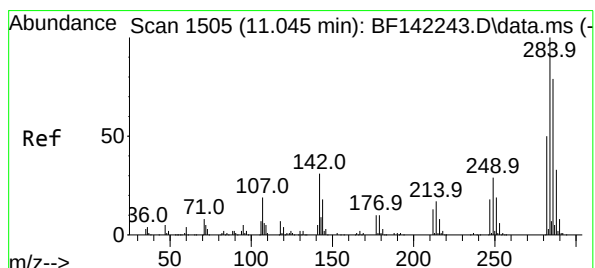
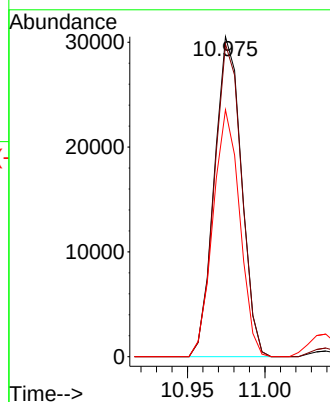
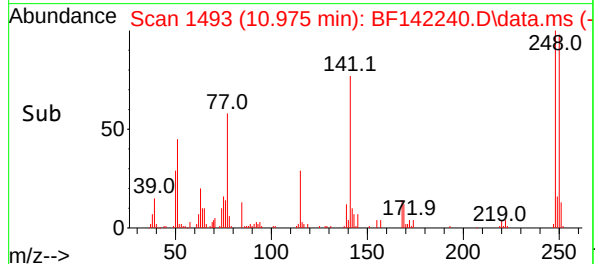
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



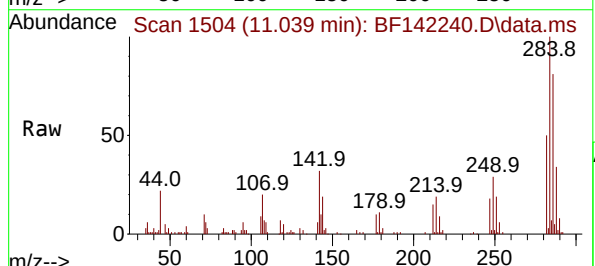
Tgt Ion:248 Resp: 3724
Ion Ratio Lower Upper
248 100
250 97.7 77.2 115.8
141 77.2 58.4 87.6

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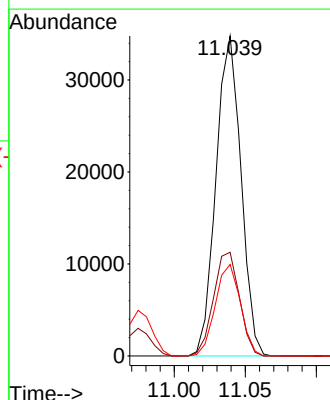
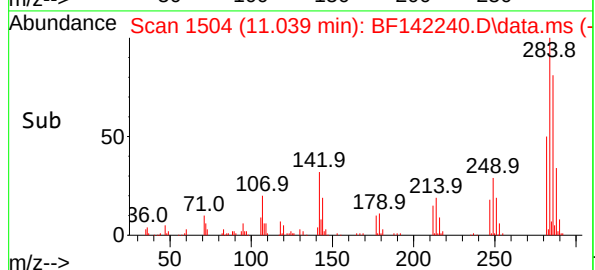
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

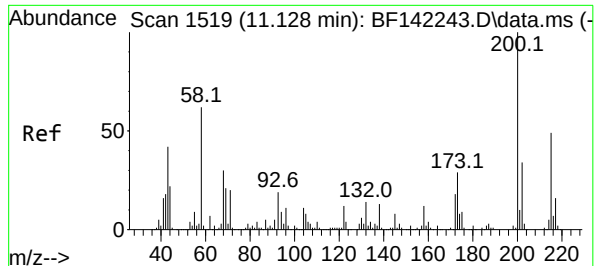


#68
Hexachlorobenzene
Concen: 5.131 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



Tgt Ion:284 Resp: 42558
Ion Ratio Lower Upper
284 100
142 32.4 24.6 37.0
249 28.6 23.2 34.8





#69

Atrazine

Concen: 4.614 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:200 Resp: 27629

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

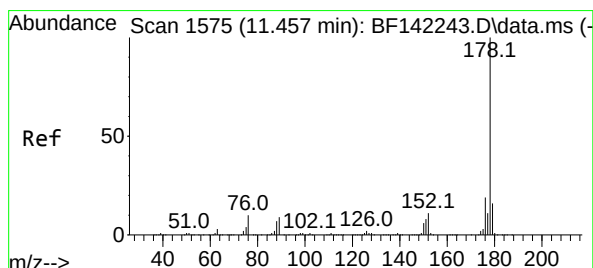
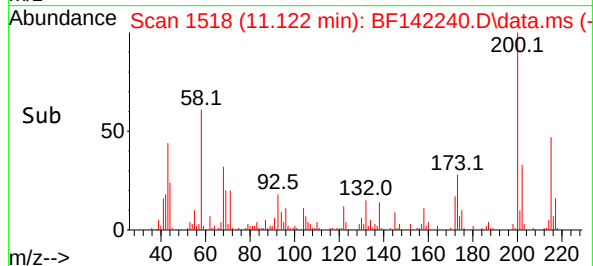
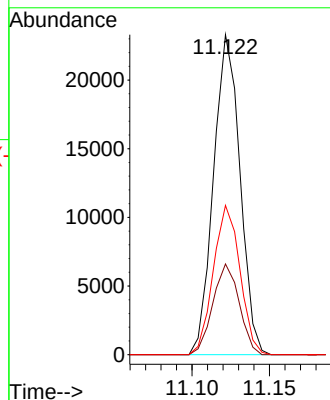
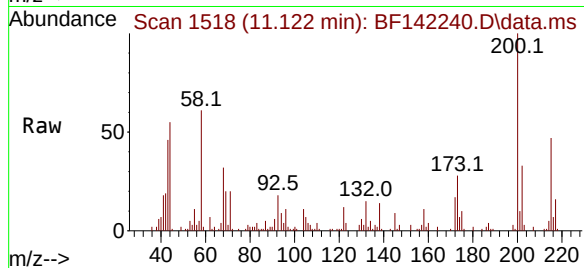
215 46.6 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#71

Phenanthrene

Concen: 5.637 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

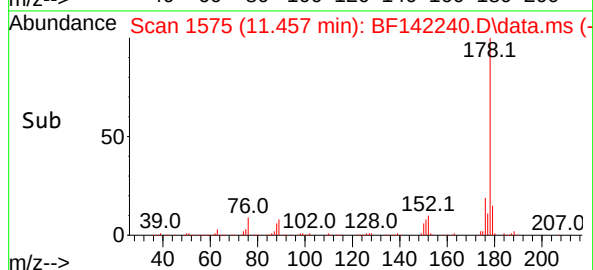
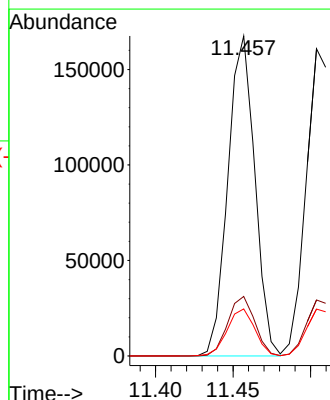
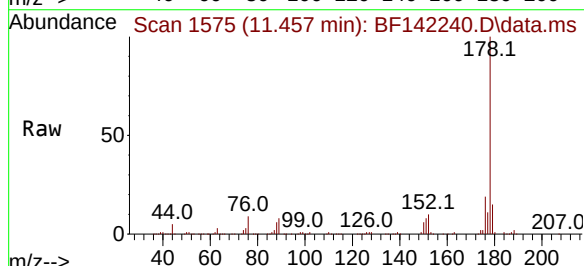
Tgt Ion:178 Resp: 202460

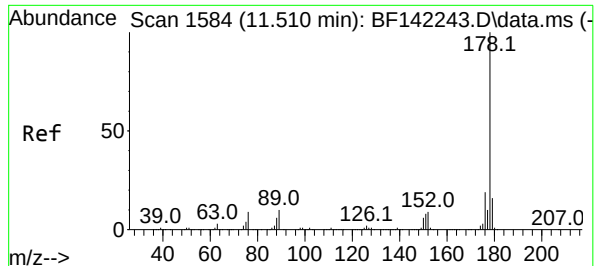
Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

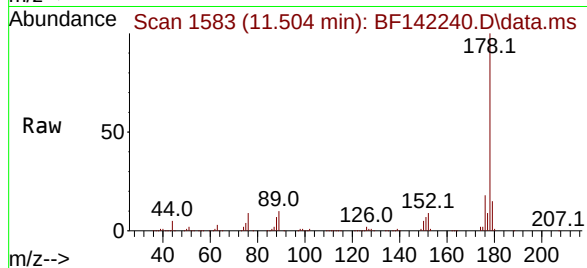
179 14.7 12.6 19.0





#72
Anthracene
Concen: 5.472 ng
RT: 11.504 min Scan# 11504
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

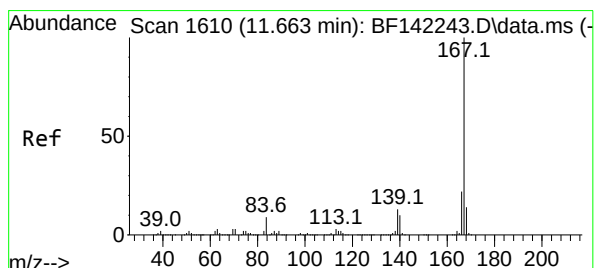
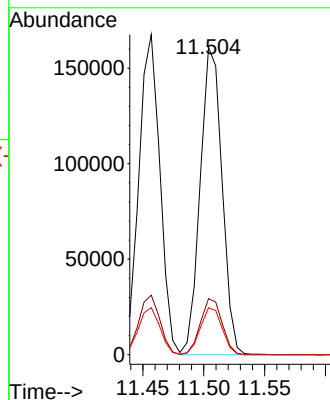
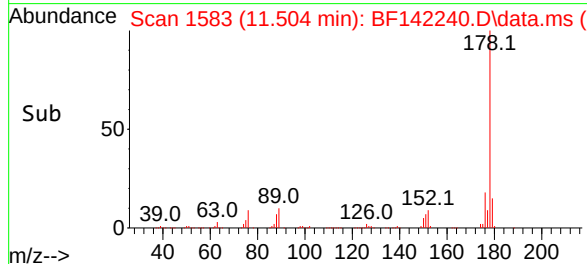
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



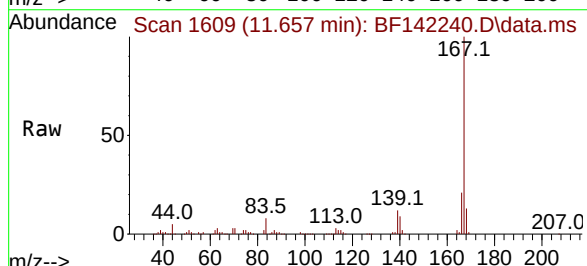
Tgt Ion:178 Resp: 200940
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.3 12.7 19.1

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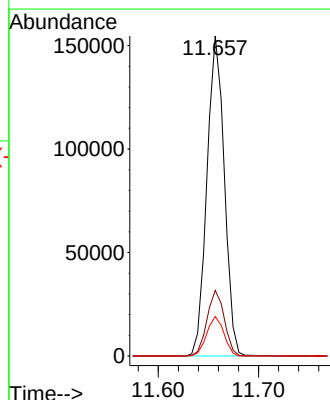
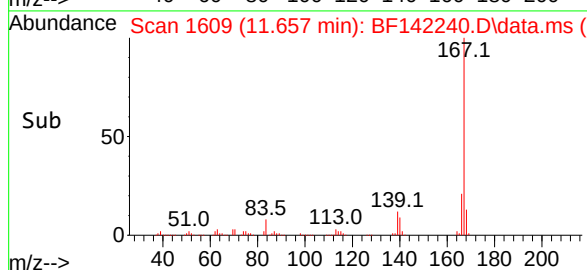
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

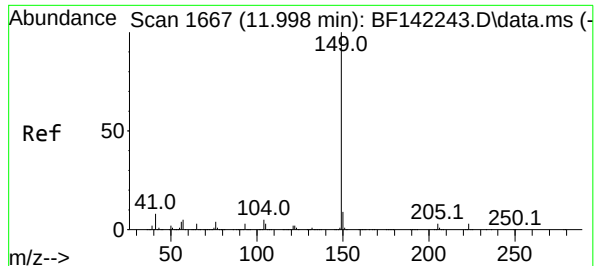


#73
Carbazole
Concen: 5.581 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



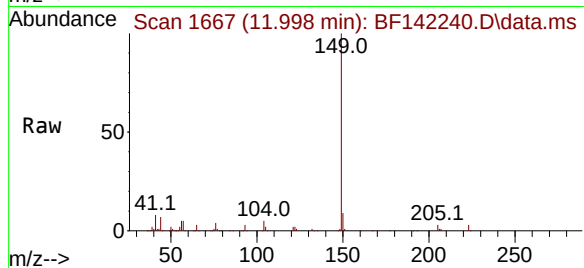
Tgt Ion:167 Resp: 186963
Ion Ratio Lower Upper
167 100
166 20.5 17.3 25.9
139 12.3 10.3 15.5





#74
Di-n-butylphthalate
Concen: 4.864 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

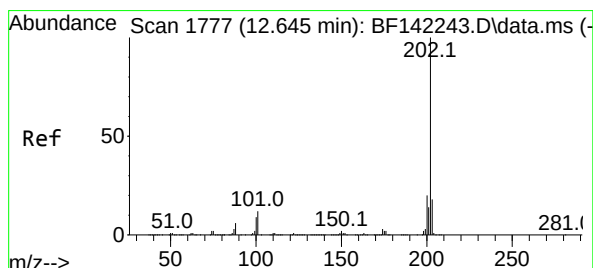
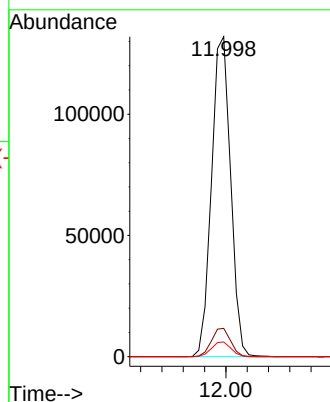
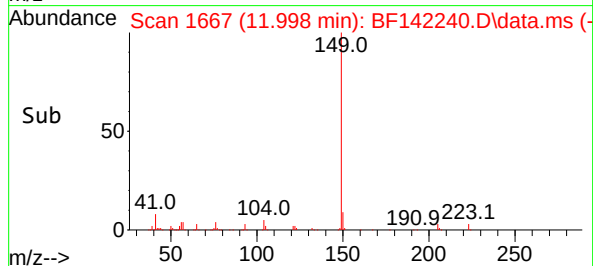
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 163860
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.6 3.6 5.4

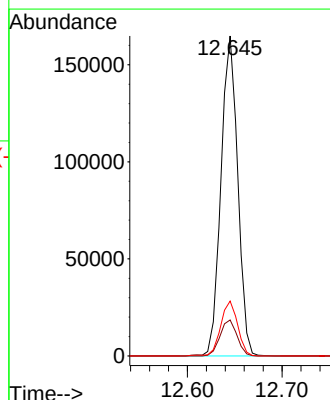
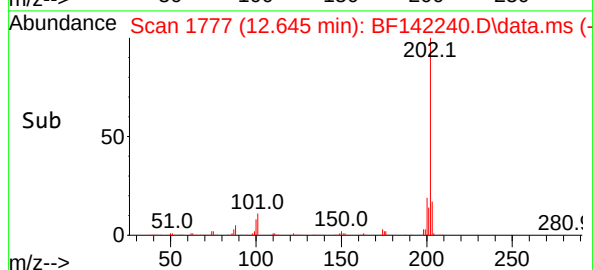
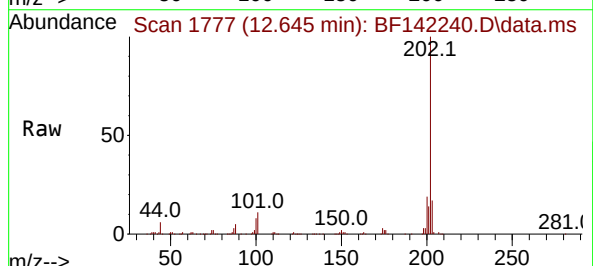
Manual Integrations
APPROVED

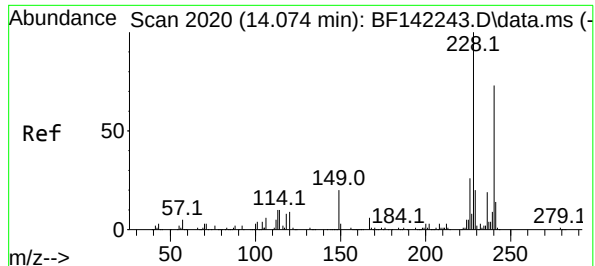
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#75
Fluoranthene
Concen: 5.715 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

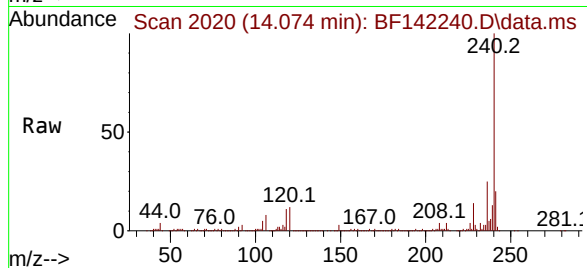
Tgt Ion:202 Resp: 202911
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.4
203 17.2 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

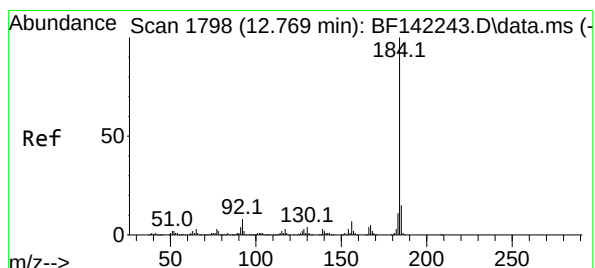
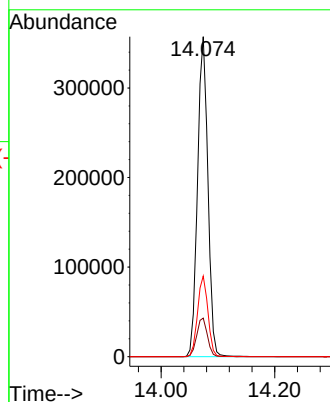
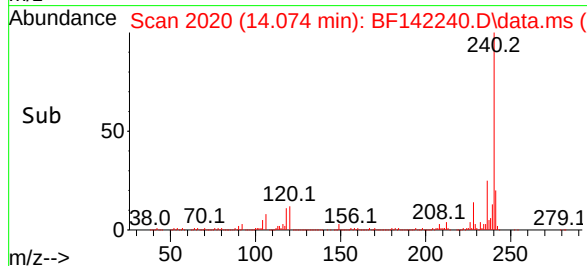
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 45491
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 25.2 20.5 30.7

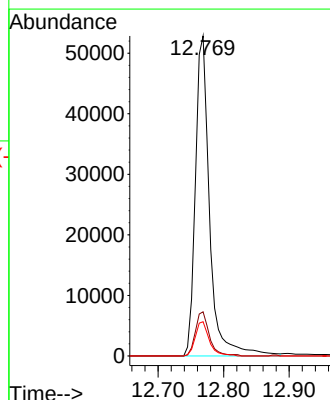
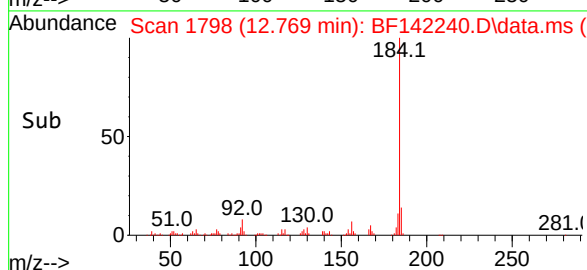
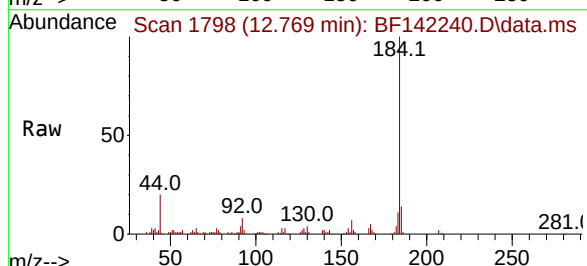
Manual Integrations
APPROVED

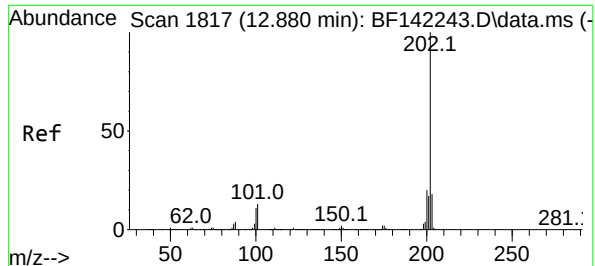
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#77
Benzidine
Concen: 4.132 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

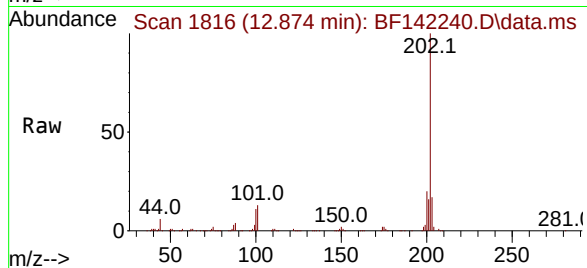
Tgt Ion:184 Resp: 79877
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 10.7 8.9 13.3





#78
Pyrene
Concen: 4.968 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

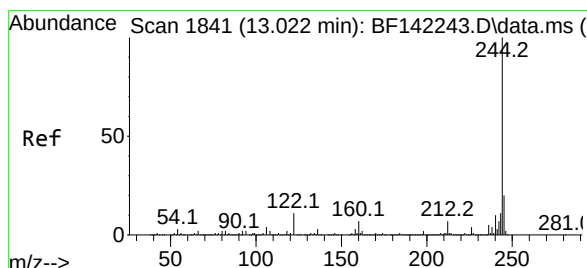
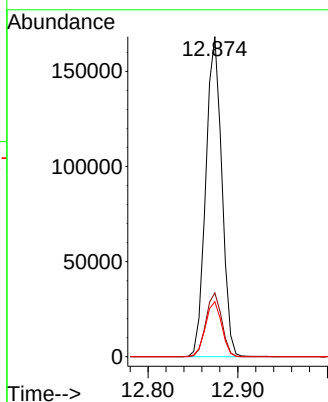
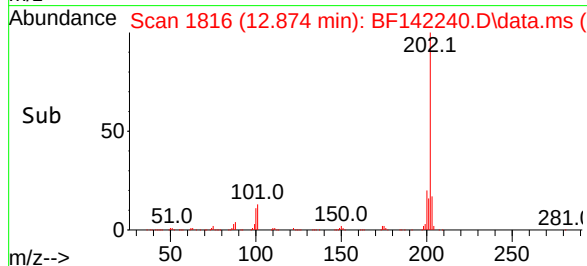
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



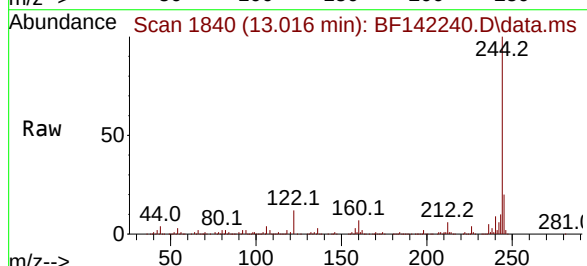
Tgt Ion:202 Resp: 208462
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.2 14.1 21.1

Manual Integrations
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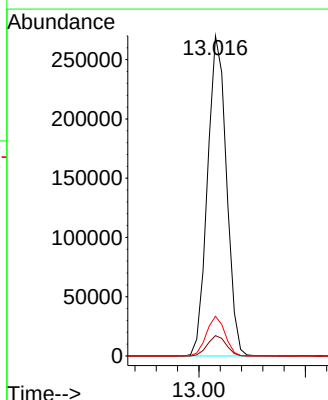
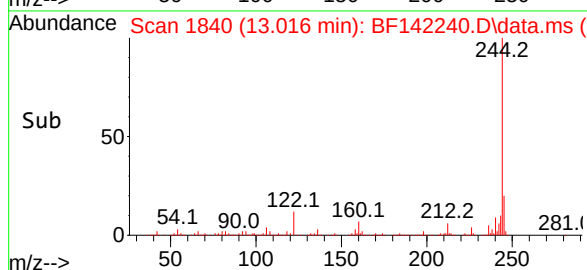
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

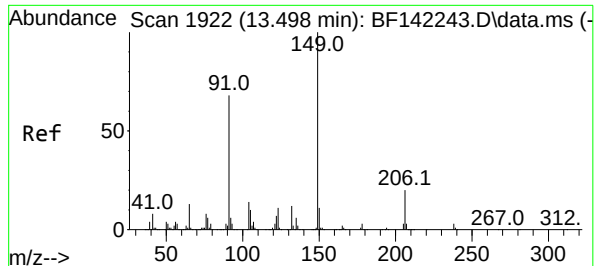


#79
Terphenyl-d14
Concen: 10.706 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52



Tgt Ion:244 Resp: 334852
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 12.4 9.1 13.7





#80

Butylbenzylphthalate

Concen: 5.714 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

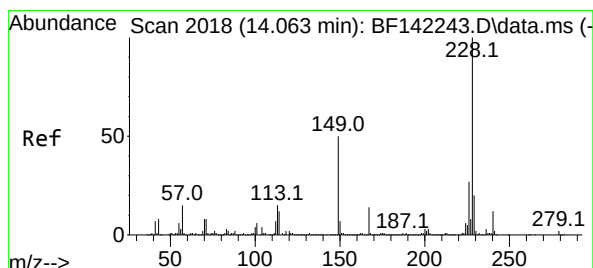
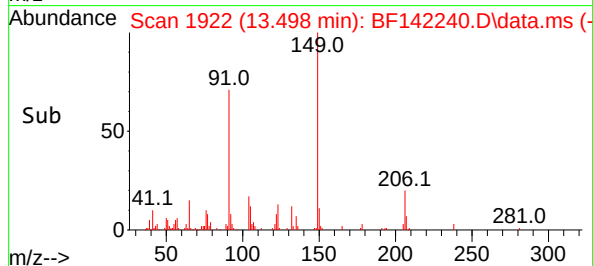
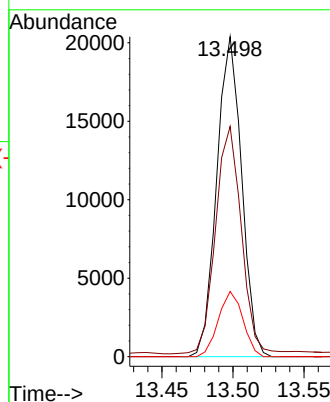
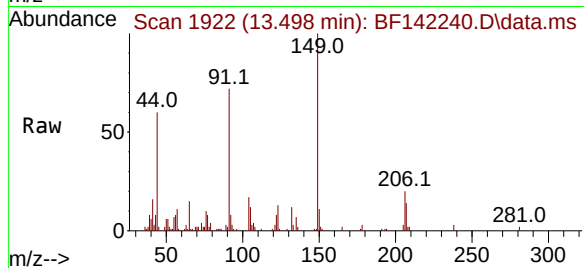
Tgt Ion:149	Resp:	24840
Ion Ratio	Lower	Upper
149	100	
91	71.9	54.4 81.6
206	20.4	15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#81

Benzo(a)anthracene

Concen: 5.136 ng

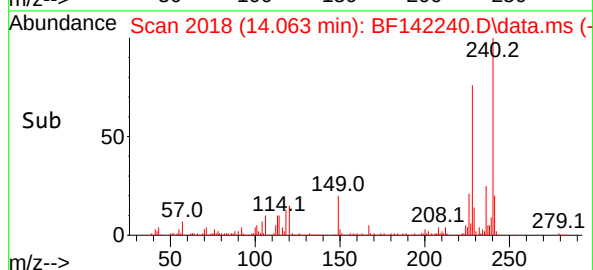
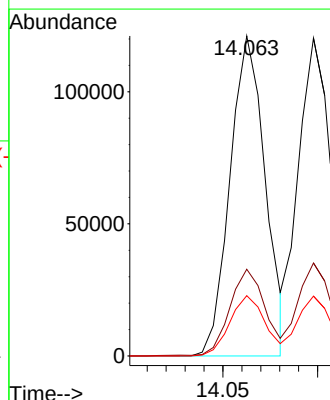
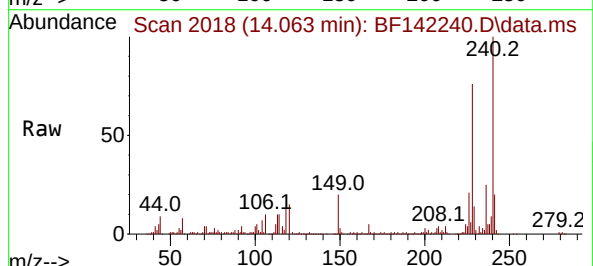
RT: 14.063 min Scan# 2018

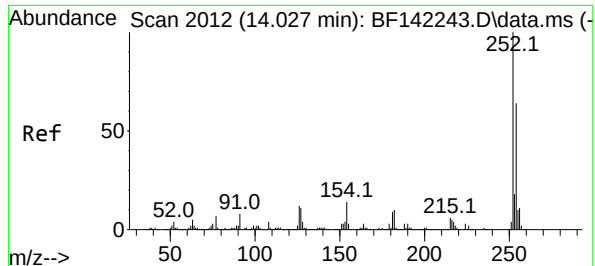
Delta R.T. -0.000 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

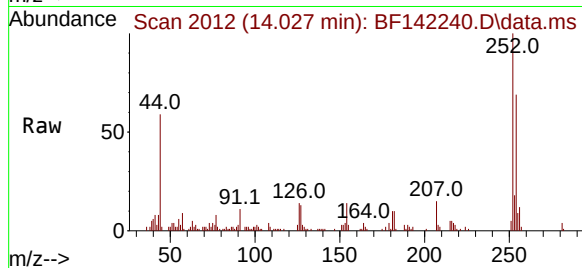
Tgt Ion:228	Resp:	156840
Ion Ratio	Lower	Upper
228	100	
226	27.1	21.9 32.9
229	18.8	16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 3.623 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

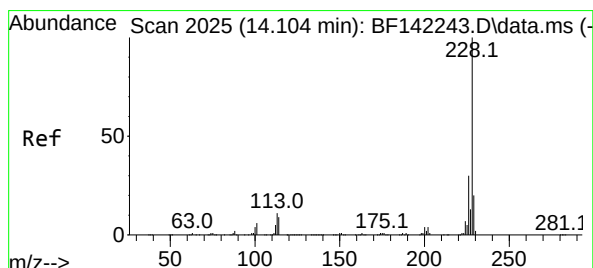
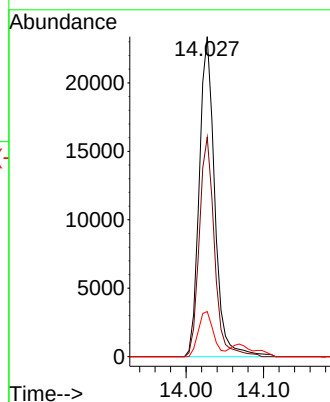
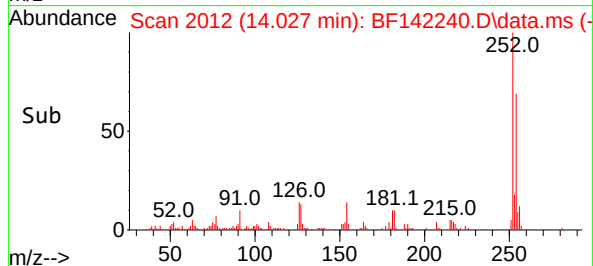
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 3250
Ion Ratio Lower Upper
252 100
254 68.6 51.0 76.6
126 14.1 9.4 14.2

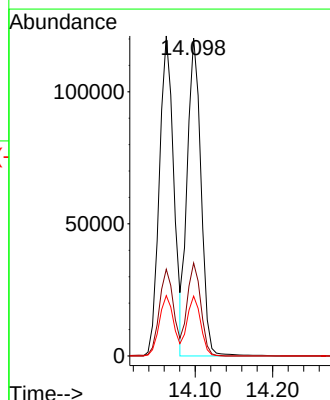
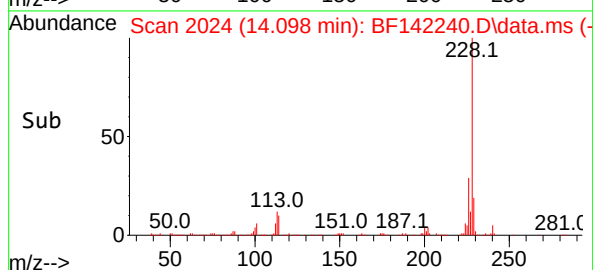
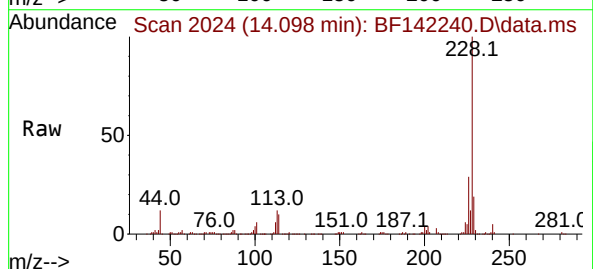
Manual Integrations
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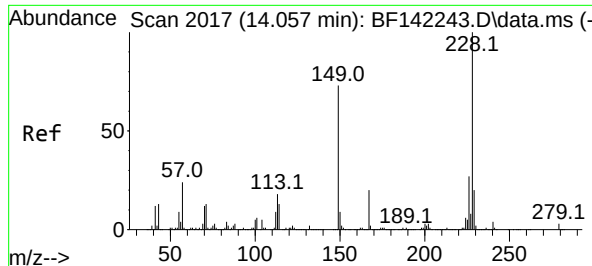
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#83
Chrysene
Concen: 5.328 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

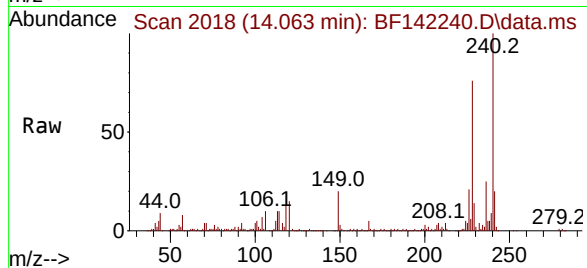
Tgt Ion:228 Resp: 148119
Ion Ratio Lower Upper
228 100
226 29.2 24.0 36.0
229 18.8 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 6.006 ng
RT: 14.063 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

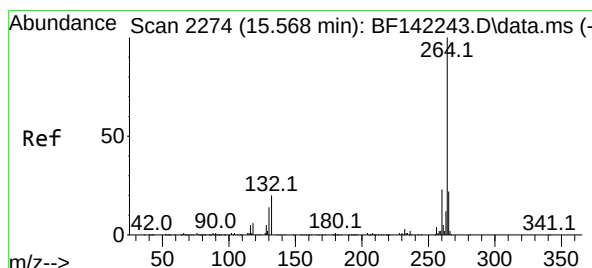
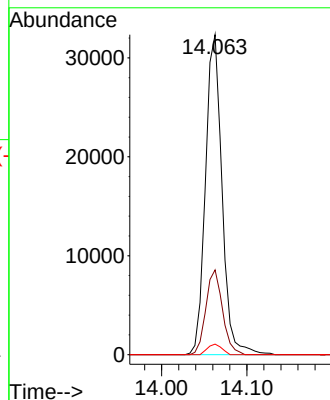
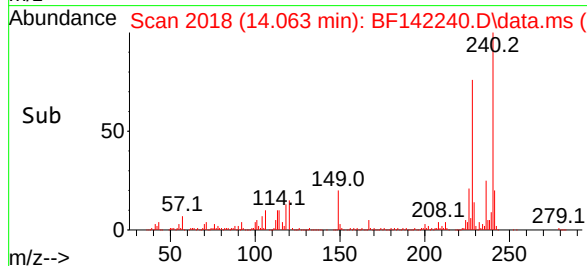
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 43692
Ion Ratio Lower Upper
149 100
167 26.5 21.7 32.5
279 3.3 3.0 4.4

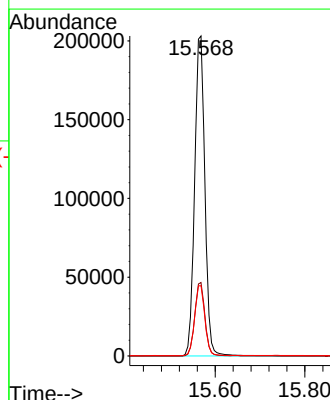
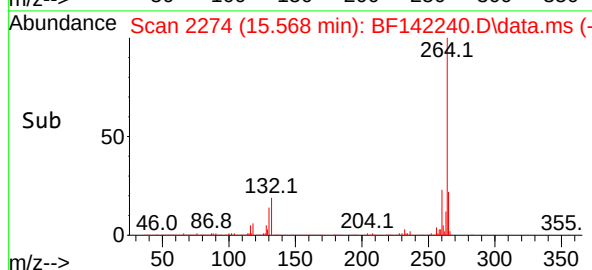
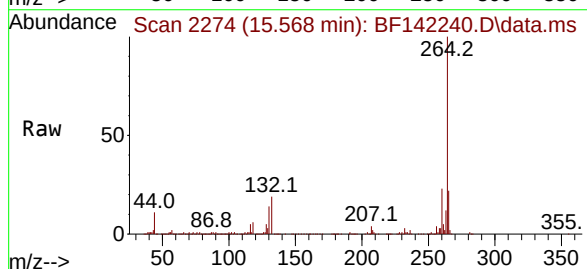
Manual Integrations
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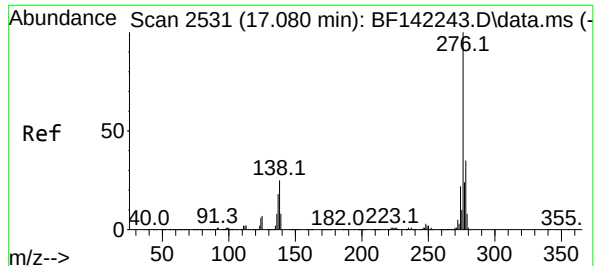
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion:264 Resp: 322126
Ion Ratio Lower Upper
264 100
260 22.9 18.4 27.6
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.516 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 106554

Ion Ratio Lower Upper

276 100

138 29.4 22.6 33.8

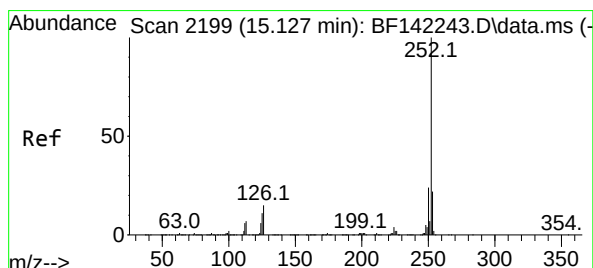
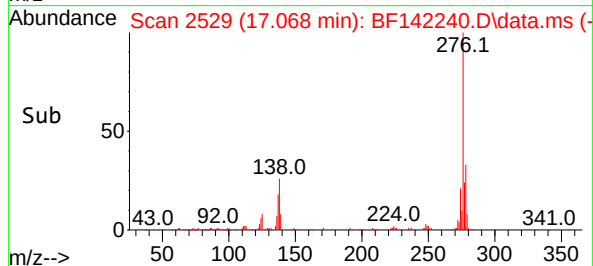
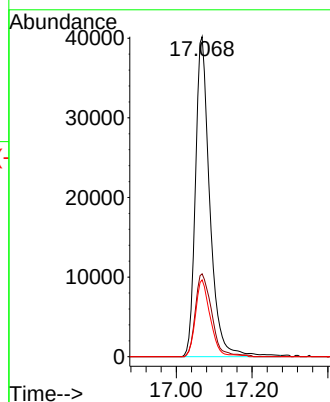
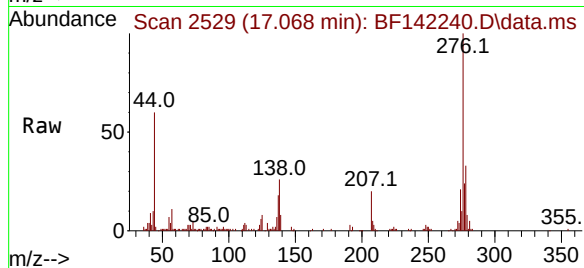
277 24.7 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 5.301 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

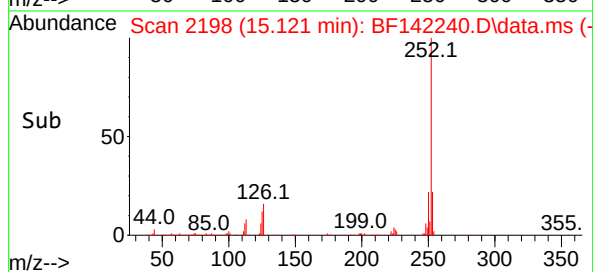
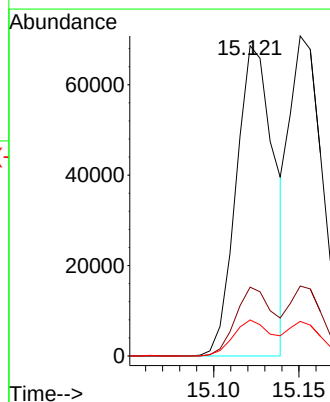
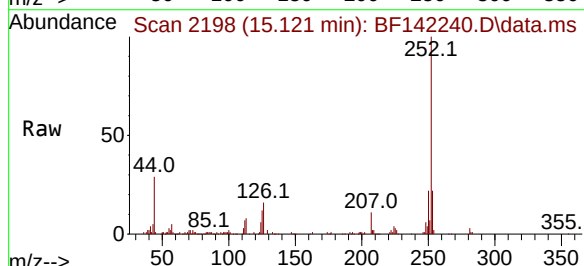
Tgt Ion:252 Resp: 106072

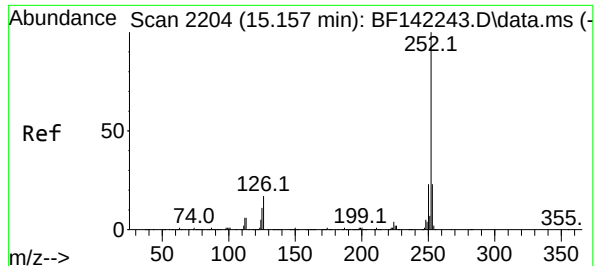
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 11.6 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 5.327 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

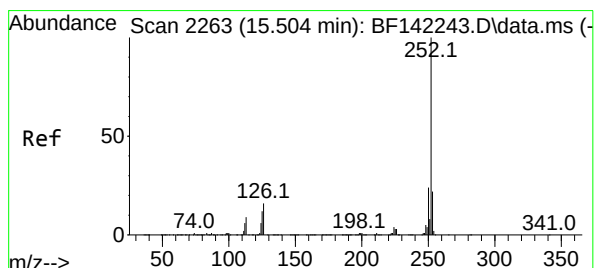
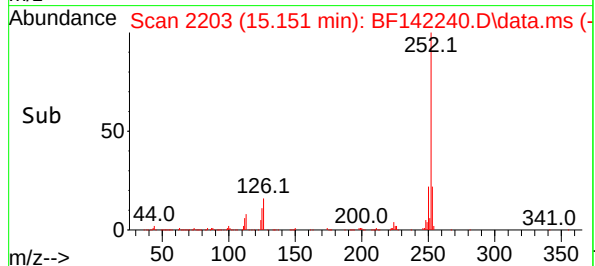
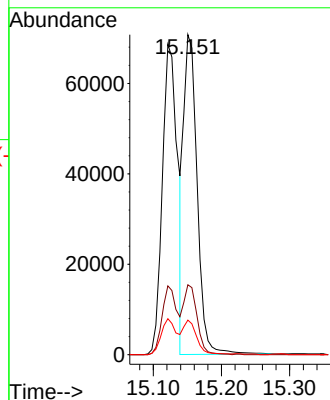
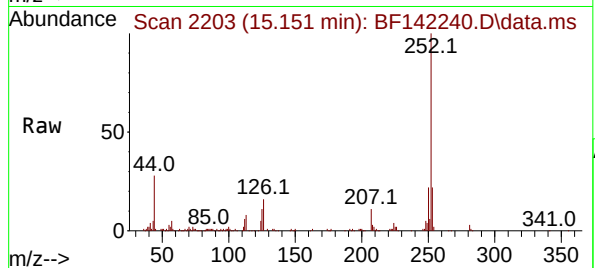
Tgt Ion	252	253	125
Ion Ratio	100	21.9	10.8
Lower		17.8	9.0
Upper		26.8	13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 4.928 ng

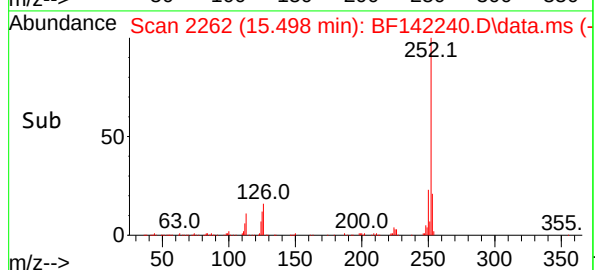
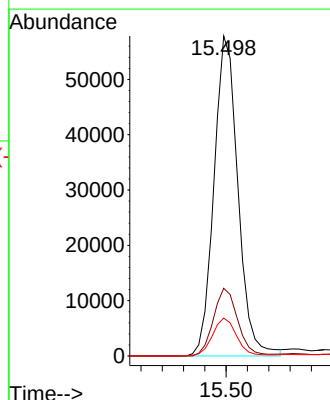
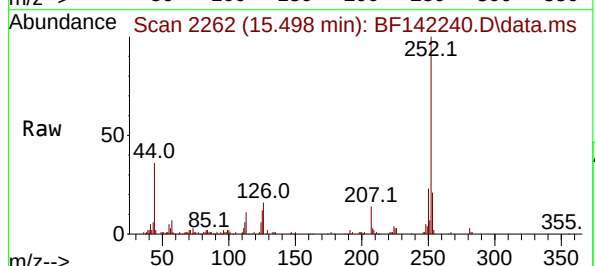
RT: 15.498 min Scan# 2262

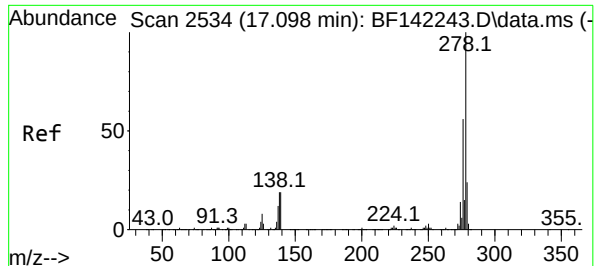
Delta R.T. -0.006 min

Lab File: BF142240.D

Acq: 30 Apr 2025 11:52

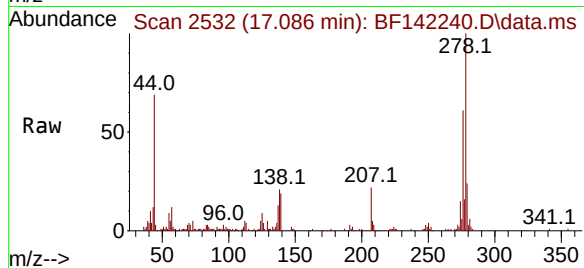
Tgt Ion	252	253	125
Ion Ratio	100	21.1	11.9
Lower		17.6	9.5
Upper		26.4	14.3





#91
Dibenzo(a,h)anthracene
Concen: 4.520 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

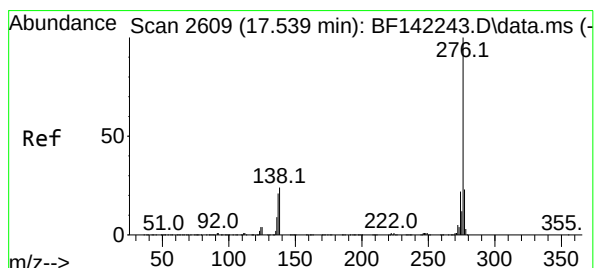
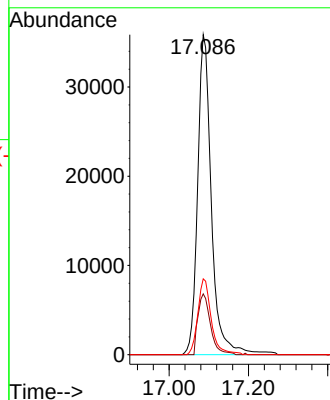
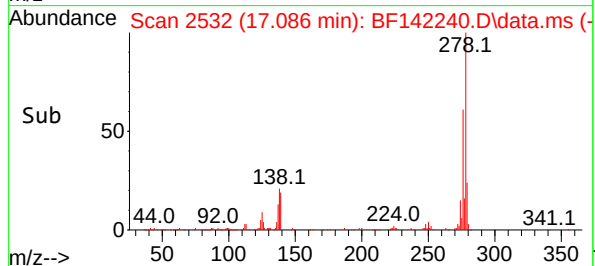
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 8655
Ion Ratio Lower Upper
278 100
139 19.0 15.2 22.8
279 23.7 19.0 28.6

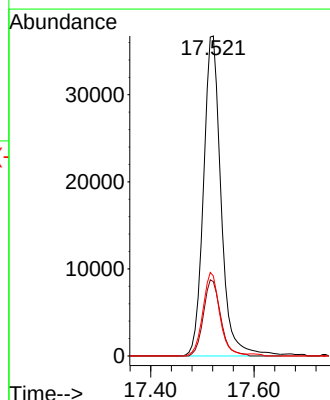
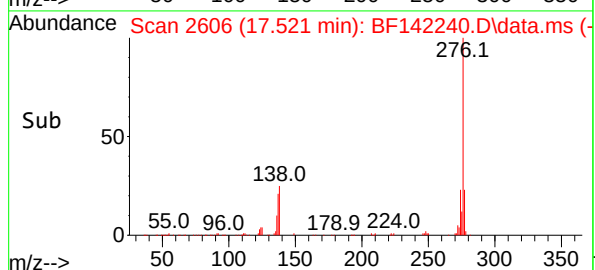
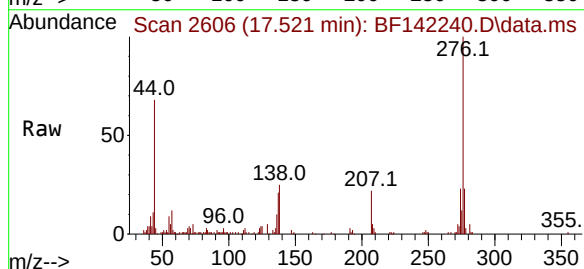
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 4.500 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142240.D
Acq: 30 Apr 2025 11:52

Tgt Ion: 276 Resp: 86631
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 25.0 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142241.D
 Acq On : 30 Apr 2025 12:20
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 30 15:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	198828	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	764114	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	402628	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	692116	20.000	ng	0.00
76) Chrysene-d12	14.074	240	449534	20.000	ng	0.00
86) Perylene-d12	15.568	264	332067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	246136	19.771	ng	0.00
7) Phenol-d6	6.516	99	299244	19.905	ng	-0.01
23) Nitrobenzene-d5	7.463	82	192172	16.523	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	63470	17.292	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	636078	22.275	ng	0.00
79) Terphenyl-d14	13.016	244	635233	20.552	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	53052	9.541	ng	97
3) Pyridine	3.469	79	138279	9.569	ng	99
4) n-Nitrosodimethylamine	3.399	42	69527	9.297	ng	# 98
6) Aniline	6.563	93	207232	9.739	ng	100
8) 2-Chlorophenol	6.687	128	122451	9.519	ng	98
9) Benzaldehyde	6.457	77	108198	10.297	ng	99
10) Phenol	6.528	94	157877	9.755	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	124281	9.909	ng	99
12) 1,3-Dichlorobenzene	6.851	146	147587	10.141	ng	99
13) 1,4-Dichlorobenzene	6.928	146	147728	10.075	ng	99
14) 1,2-Dichlorobenzene	7.081	146	140999	10.073	ng	99
15) Benzyl Alcohol	7.039	79	101094	9.481	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	227340	10.038	ng	99
17) 2-Methylphenol	7.145	107	102299	9.707	ng	99
18) Hexachloroethane	7.422	117	46369	9.662	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	93168	10.029	ng	99
20) 3+4-Methylphenols	7.298	107	131546	9.981	ng	97
22) Acetophenone	7.310	105	184253	10.423	ng	96
24) Nitrobenzene	7.481	77	99900	8.754	ng	95
25) Isophorone	7.722	82	240659	9.859	ng	100
26) 2-Nitrophenol	7.804	139	21744	9.530	ng	98
27) 2,4-Dimethylphenol	7.834	122	121707	9.889	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	154349	10.026	ng	99
29) 2,4-Dichlorophenol	8.034	162	96761	9.404	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	115815	10.087	ng	99
31) Naphthalene	8.210	128	397159	10.422	ng	99
32) Benzoic acid	7.881	122	18272	13.045	ng	96
33) 4-Chloroaniline	8.257	127	157999	9.957	ng	99
34) Hexachlorobutadiene	8.334	225	66829	9.976	ng	98
35) Caprolactam	8.586	113	27800	8.989	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	101179	9.576	ng	99
37) 2-Methylnaphthalene	8.904	142	243429	10.390	ng	99
38) 1-Methylnaphthalene	9.004	142	250299	10.312	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	115685	10.209	ng	98
41) Hexachlorocyclopentadiene	9.057	237	53365	8.298	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	66271	9.438	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142241.D
 Acq On : 30 Apr 2025 12:20
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

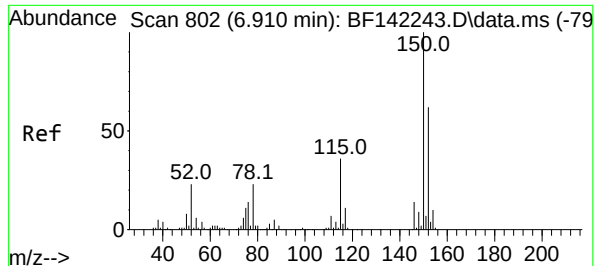
Quant Time: Apr 30 15:41:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	66509	9.009	ng	98
46) 1,1'-Biphenyl	9.363	154	326241	10.423	ng	99
47) 2-Chloronaphthalene	9.392	162	236725	10.165	ng	99
48) 2-Nitroaniline	9.480	65	31455	9.382	ng	98
49) Acenaphthylene	9.804	152	407630	10.373	ng	98
50) Dimethylphthalate	9.657	163	258512	10.036	ng	99
51) 2,6-Dinitrotoluene	9.722	165	27624	9.147	ng	91
52) Acenaphthene	9.980	154	236444	10.305	ng	99
53) 3-Nitroaniline	9.886	138	37727	9.049	ng	# 97
54) 2,4-Dinitrophenol	9.986	184	4993	11.362	ng	# 1
55) Dibenzofuran	10.151	168	357431	10.392	ng	99
56) 4-Nitrophenol	10.028	139	26399	6.520	ng	91
57) 2,4-Dinitrotoluene	10.122	165	29245	9.405	ng	94
58) Fluorene	10.492	166	282449	10.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	53660	8.775	ng	99
60) Diethylphthalate	10.363	149	254431	10.003	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	129149	10.398	ng	99
62) 4-Nitroaniline	10.492	138	35703	8.911	ng	88
63) Azobenzene	10.645	77	253731	10.102	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	7762	13.263	ng	95
66) n-Nitrosodiphenylamine	10.598	169	237471	10.042	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	75692	9.820	ng	97
68) Hexachlorobenzene	11.039	284	84881	9.832	ng	96
69) Atrazine	11.122	200	59553	9.554	ng	98
70) Pentachlorophenol	11.227	266	32058	7.029	ng	99
71) Phenanthrene	11.457	178	385677	10.316	ng	99
72) Anthracene	11.510	178	401700	10.509	ng	98
73) Carbazole	11.657	167	362249	10.389	ng	98
74) Di-n-butylphthalate	11.998	149	348111	9.927	ng	99
75) Fluoranthene	12.645	202	395757	10.709	ng	99
77) Benzidine	12.769	184	168038	8.797	ng	99
78) Pyrene	12.874	202	404860	9.763	ng	100
80) Butylbenzylphthalate	13.498	149	65964	9.084	ng	98
81) Benzo(a)anthracene	14.063	228	296710	9.832	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	71321	8.046	ng	98
83) Chrysene	14.098	228	271875	9.897	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	100777	9.409	ng	99
85) Di-n-octyl phthalate	14.680	149	150072	10.622	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	229818	9.449	ng	100
88) Benzo(b)fluoranthene	15.121	252	202615	9.823	ng	99
89) Benzo(k)fluoranthene	15.157	252	192500	10.203	ng	98
90) Benzo(a)pyrene	15.498	252	182258	9.651	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	187788	9.513	ng	99
92) Benzo(g,h,i)perylene	17.521	276	188891	9.518	ng	99

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

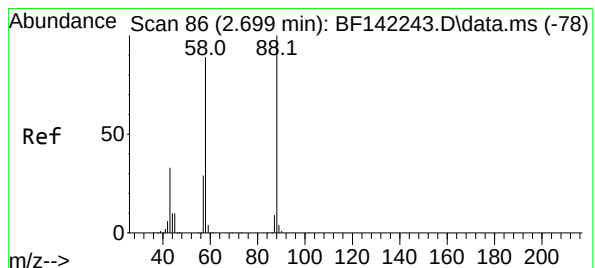
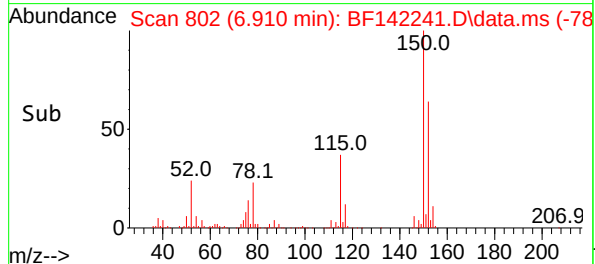
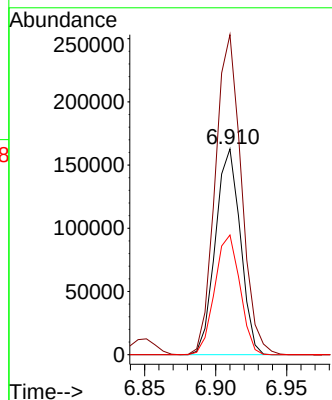
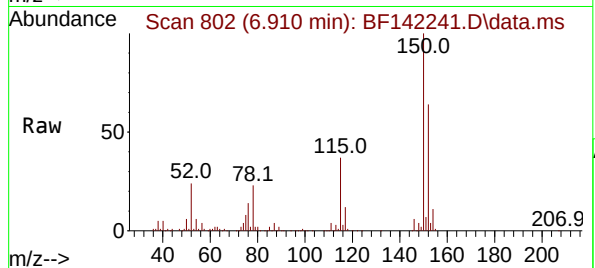
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

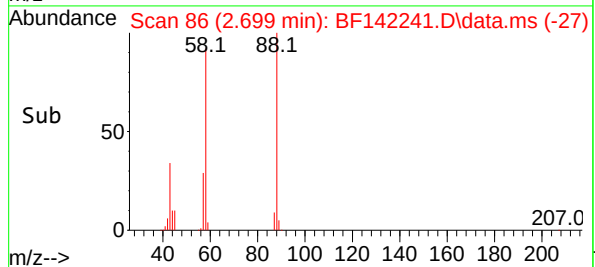
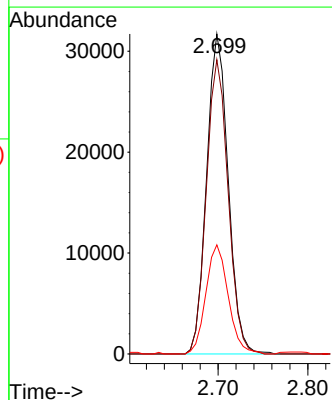
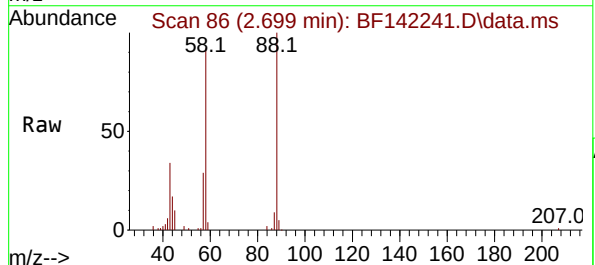
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

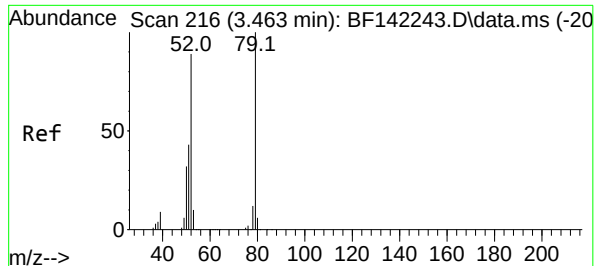
Tgt Ion:152 Resp: 198828
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 58.2 47.0 70.4



#2
1,4-Dioxane
Concen: 9.541 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 88 Resp: 53052
Ion Ratio Lower Upper
88 100
58 92.8 72.2 108.2
43 35.3 27.0 40.6





#3

Pyridine

Concen: 9.569 ng

RT: 3.469 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

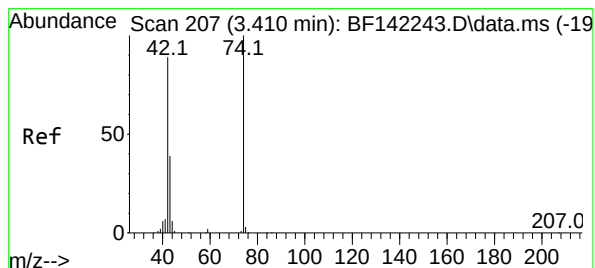
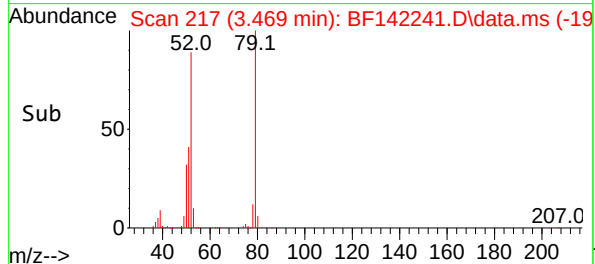
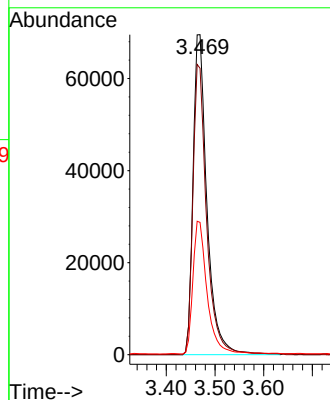
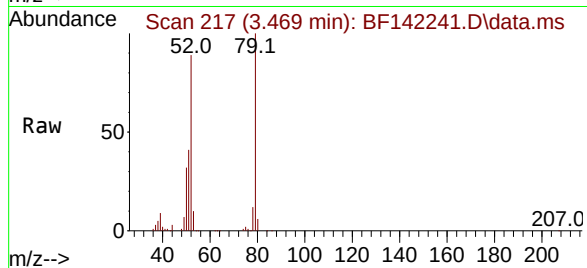
Tgt Ion: 79 Resp: 138279

Ion Ratio Lower Upper

79 100

52 89.5 71.5 107.3

51 41.3 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 9.297 ng

RT: 3.399 min Scan# 205

Delta R.T. -0.012 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

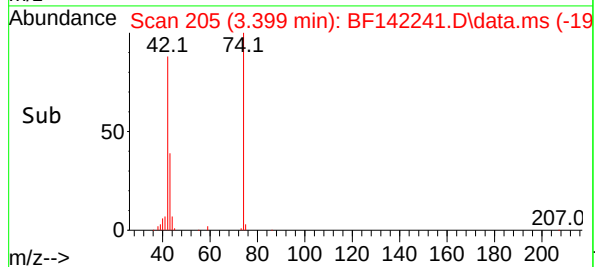
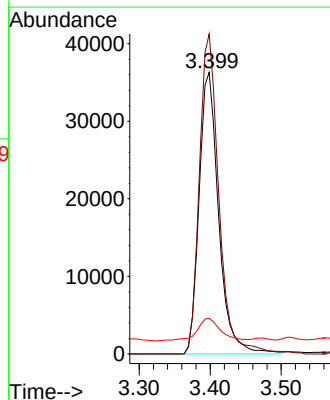
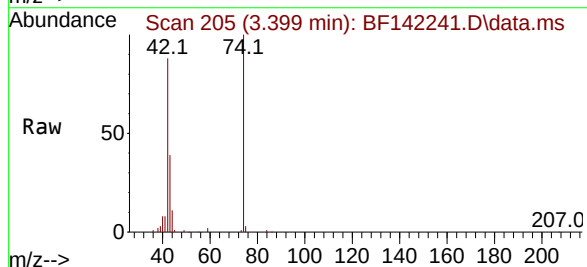
Tgt Ion: 42 Resp: 69527

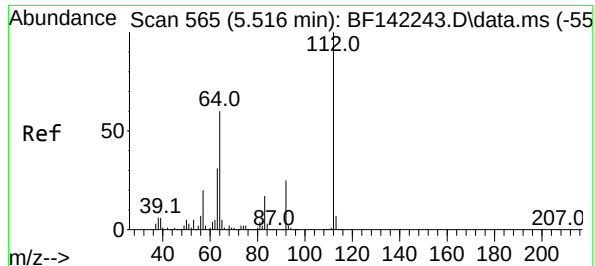
Ion Ratio Lower Upper

42 100

74 113.7 89.5 134.3

44 12.7 6.6 9.8#

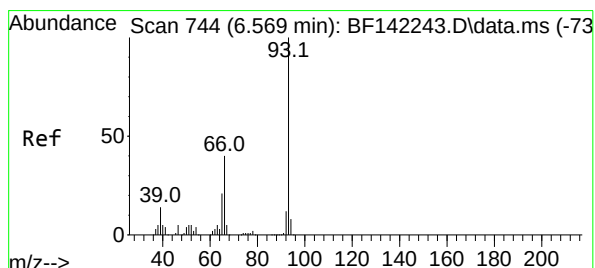
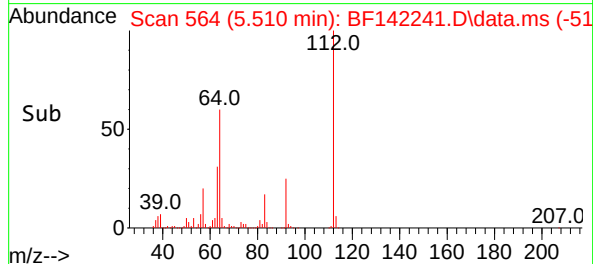
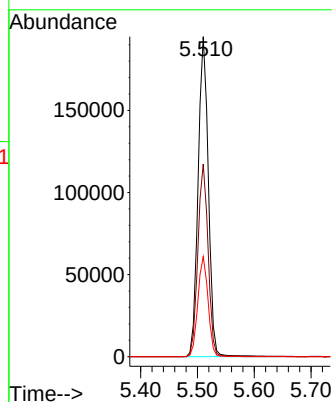
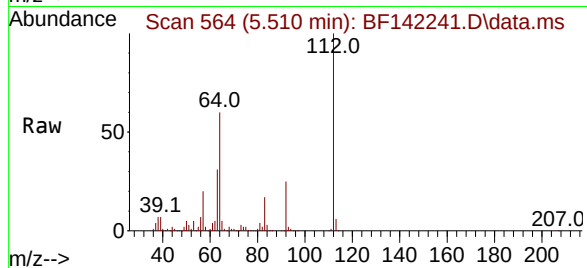




#5
2-Fluorophenol
Concen: 19.771 ng
RT: 5.510 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

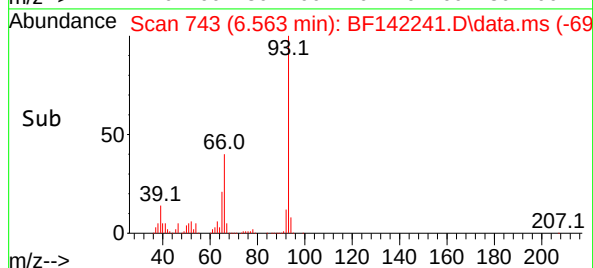
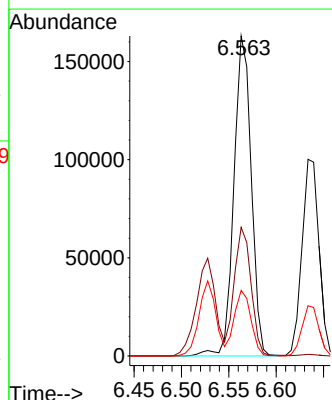
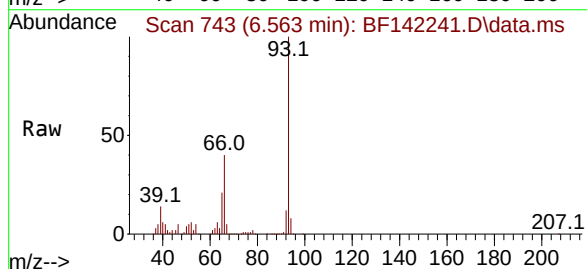
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

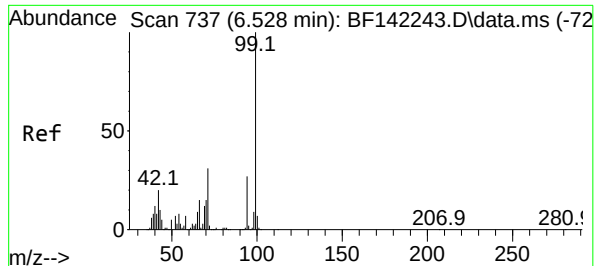
Tgt Ion:112 Resp: 246136
Ion Ratio Lower Upper
112 100
64 60.2 48.4 72.6
63 31.3 24.8 37.2



#6
Aniline
Concen: 9.739 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 93 Resp: 207232
Ion Ratio Lower Upper
93 100
66 40.2 32.1 48.1
65 20.5 16.6 24.8





#7

Phenol-d6

Concen: 19.905 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

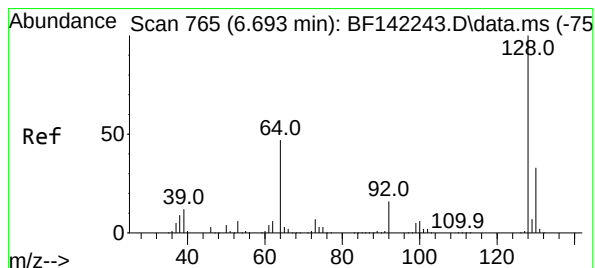
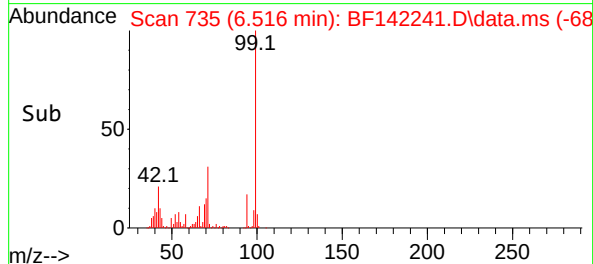
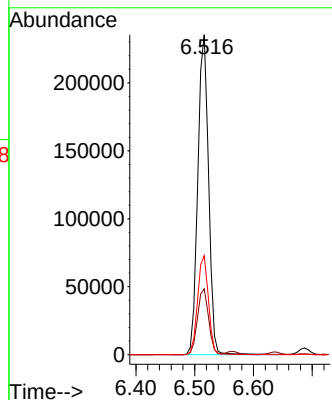
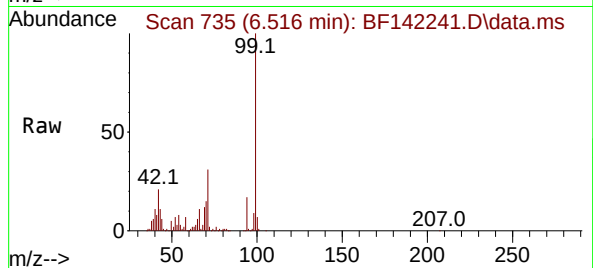
Tgt Ion: 99 Resp: 299244

Ion Ratio Lower Upper

99 100

42 20.6 16.3 24.5

71 30.9 25.0 37.4



#8

2-Chlorophenol

Concen: 9.519 ng

RT: 6.687 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

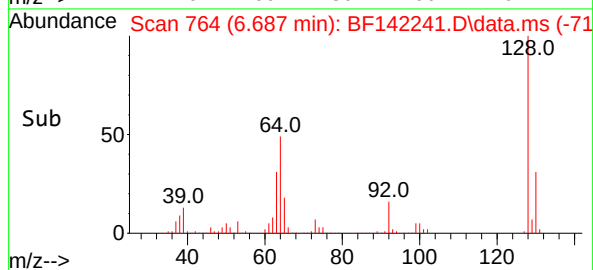
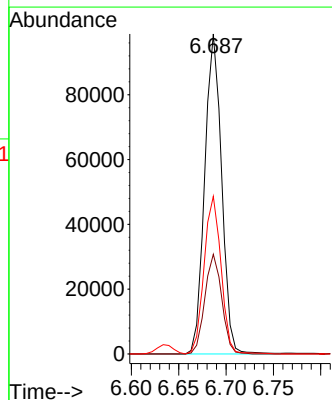
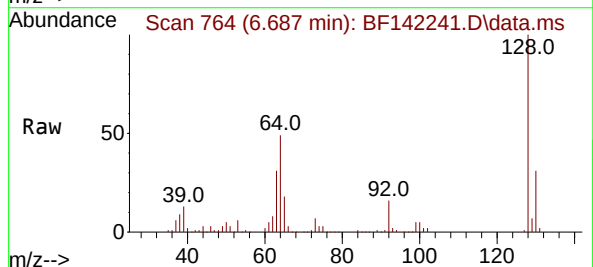
Tgt Ion: 128 Resp: 122451

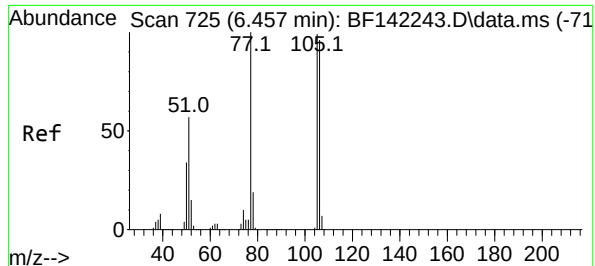
Ion Ratio Lower Upper

128 100

130 31.1 13.1 53.1

64 49.2 28.6 68.6





#9

Benzaldehyde

Concen: 10.297 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

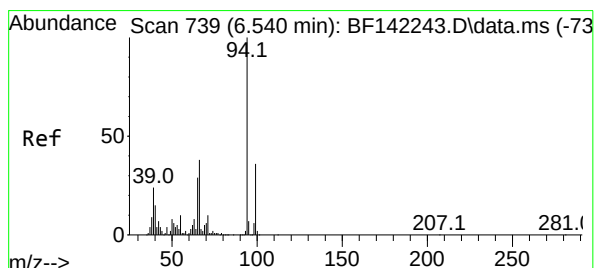
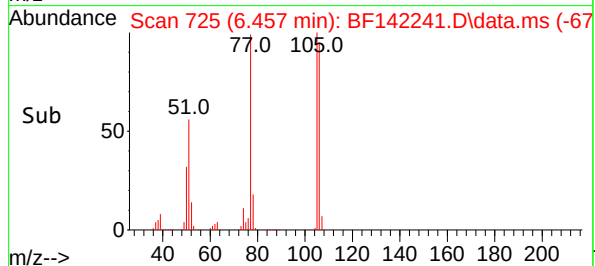
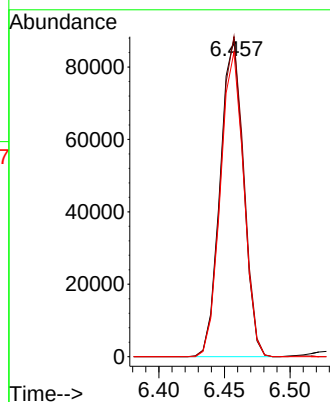
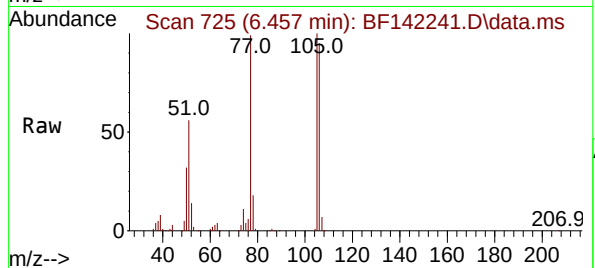
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 108198

Ion	Ratio	Lower	Upper
77	100		
105	100.7	79.1	119.1
106	95.9	76.0	116.0



#10

Phenol

Concen: 9.755 ng

RT: 6.528 min Scan# 737

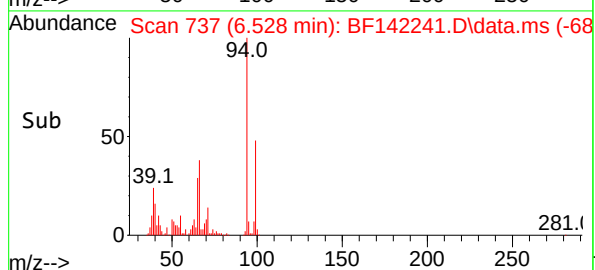
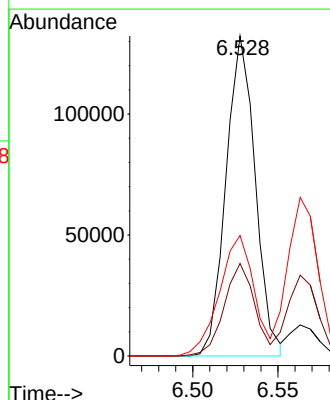
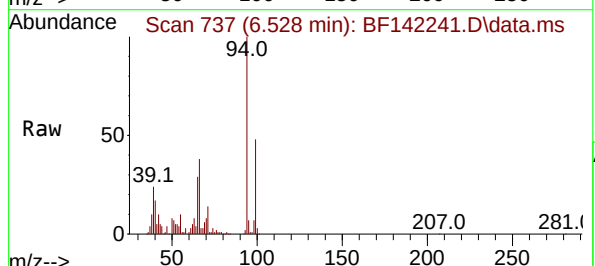
Delta R.T. -0.012 min

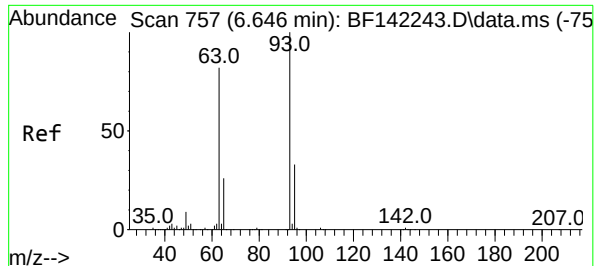
Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Tgt Ion: 94 Resp: 157877

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.9	48.9
66	37.6	18.7	58.7

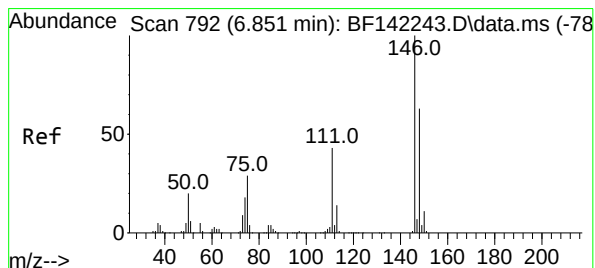
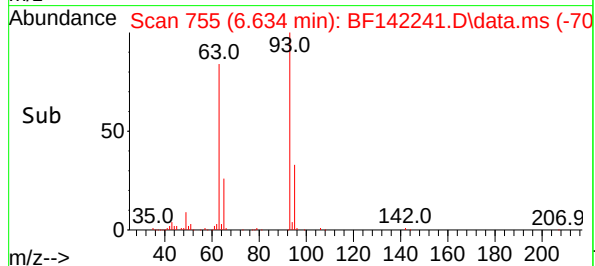
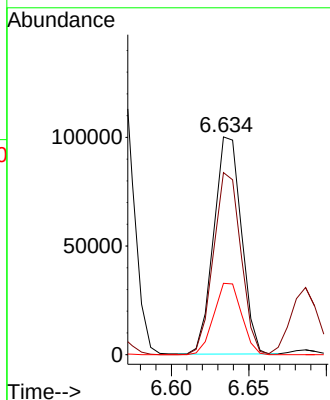
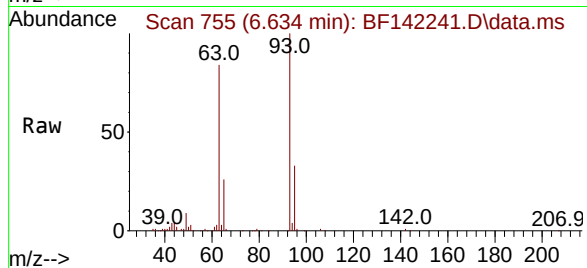




#11
bis(2-Chloroethyl)ether
Concen: 9.909 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

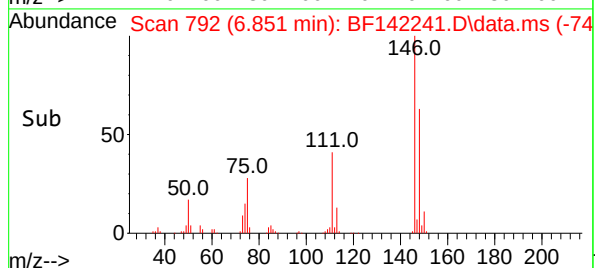
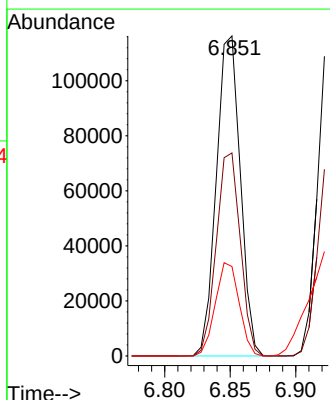
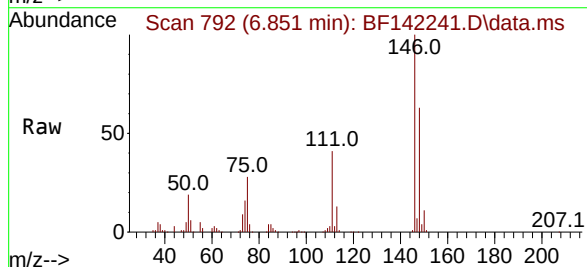
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

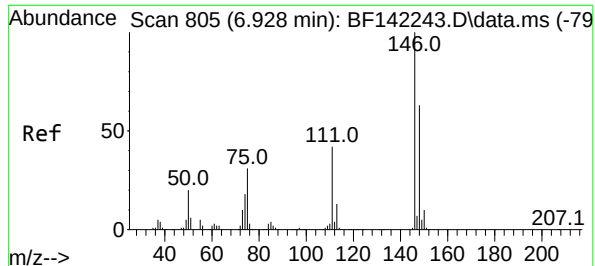
Tgt Ion: 93 Resp: 124281
Ion Ratio Lower Upper
93 100
63 83.6 62.2 102.2
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.141 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 146 Resp: 147587
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 28.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 10.075 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

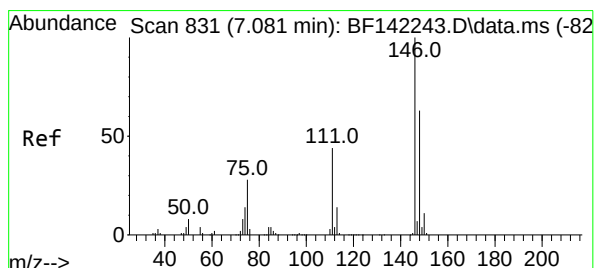
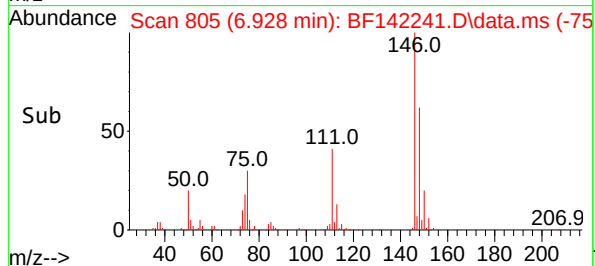
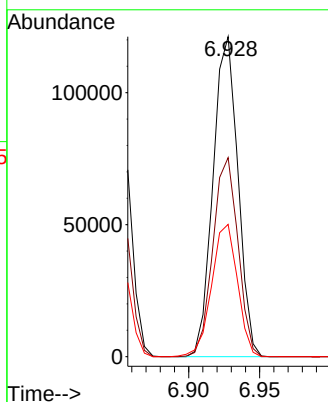
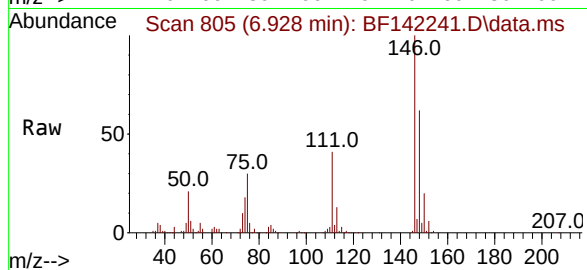
Tgt Ion:146 Resp: 147728

Ion Ratio Lower Upper

146 100

148 62.2 50.6 76.0

111 41.4 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 10.073 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

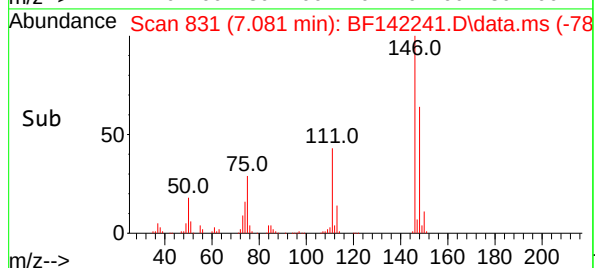
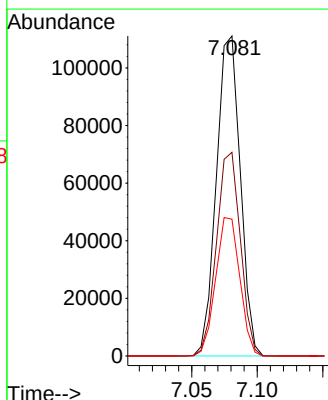
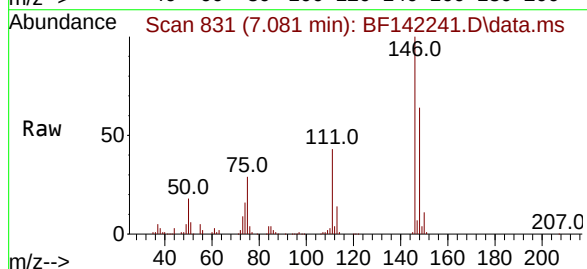
Tgt Ion:146 Resp: 140999

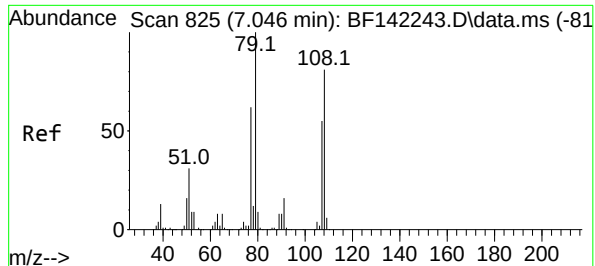
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

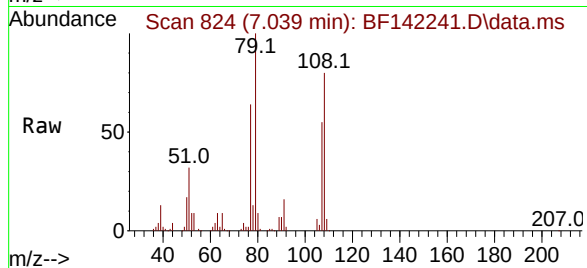
111 42.8 34.9 52.3



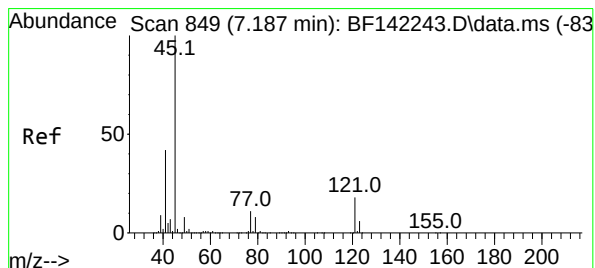
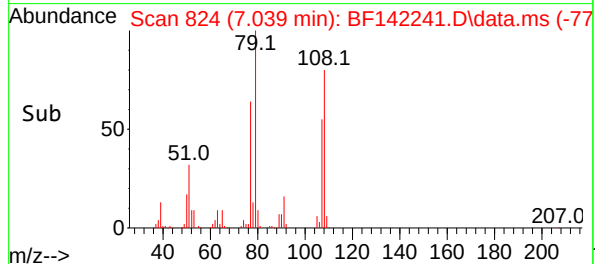
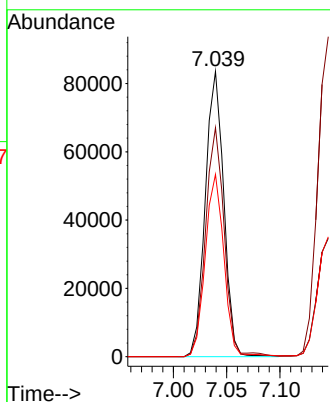


#15
Benzyl Alcohol
Concen: 9.481 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

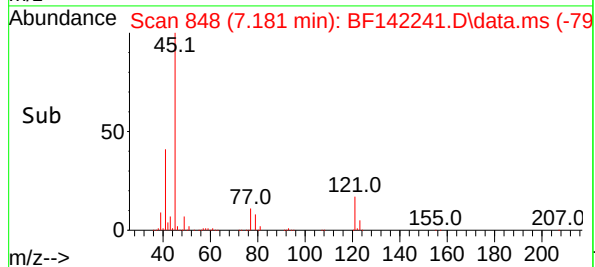
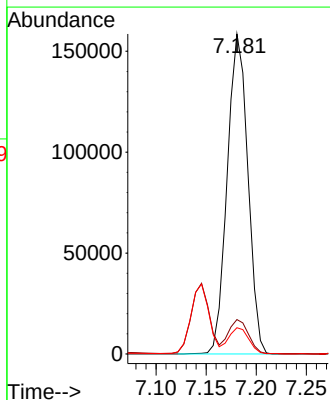
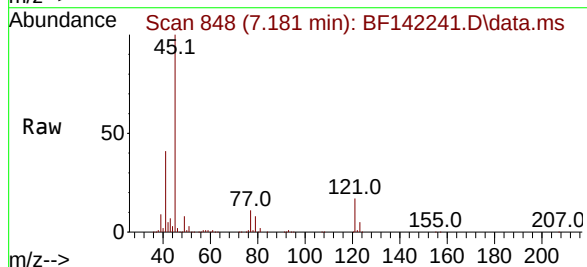


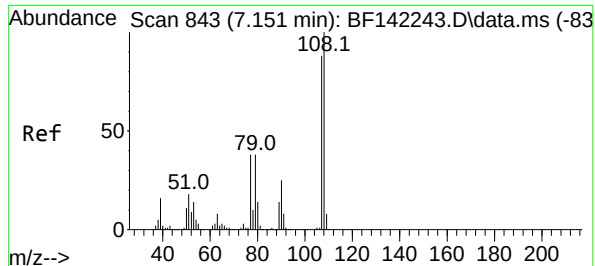
Tgt Ion: 79 Resp: 101094
Ion Ratio Lower Upper
79 100
108 80.3 64.5 96.7
77 63.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.038 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

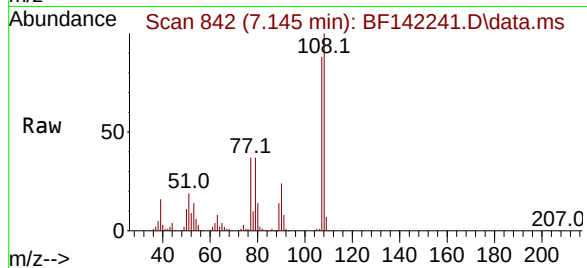
Tgt Ion: 45 Resp: 227340
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.3
79 8.2 0.0 28.5



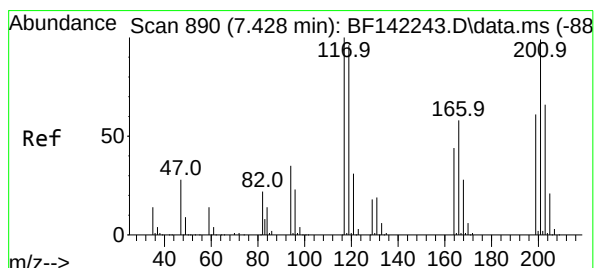
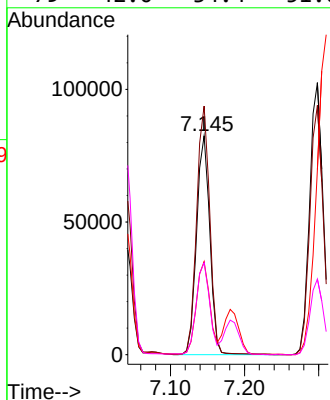
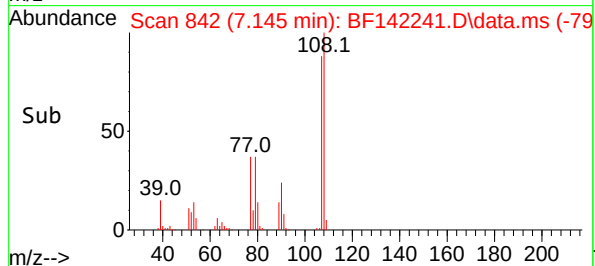


#17
2-Methylphenol
Concen: 9.707 ng
RT: 7.145 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

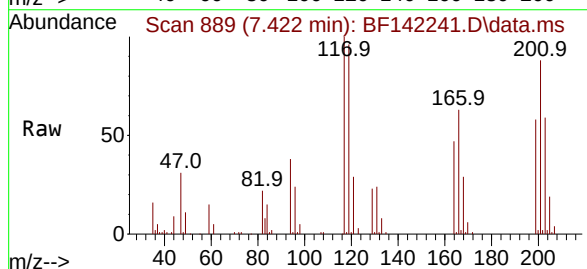
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



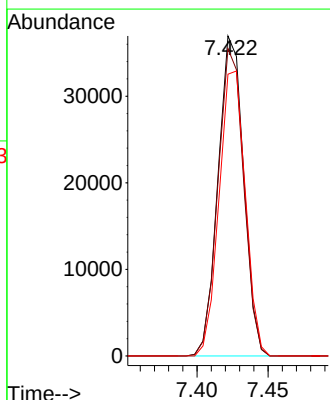
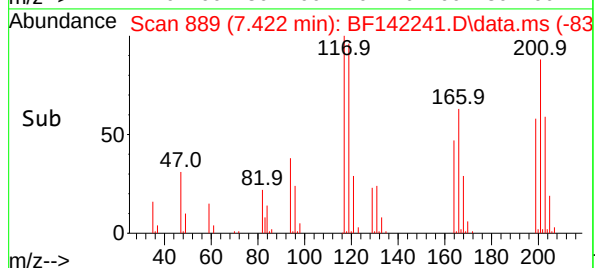
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.0	136.4
77	42.5	34.4	51.6
79	42.0	34.4	51.6

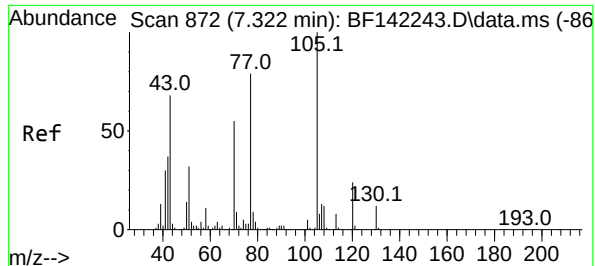


#18
Hexachloroethane
Concen: 9.662 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20



Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	88.1	79.4	119.2





#19

n-Nitroso-di-n-propylamine

Concen: 10.029 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF142241.D

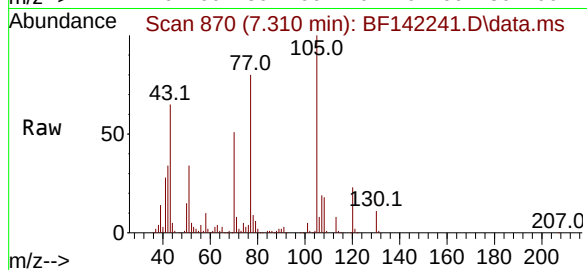
Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 93168

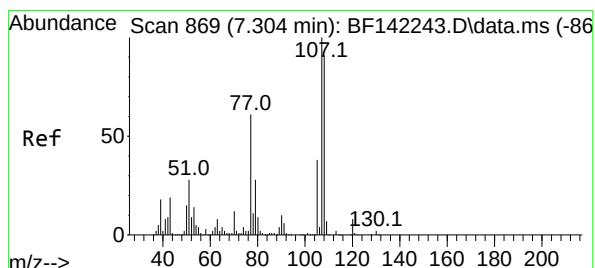
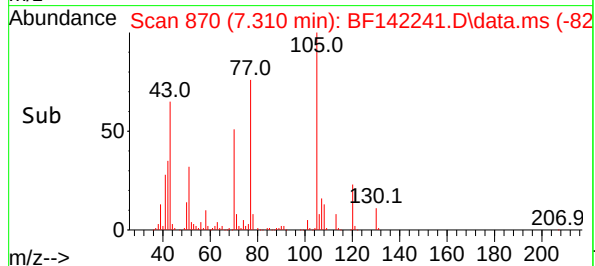
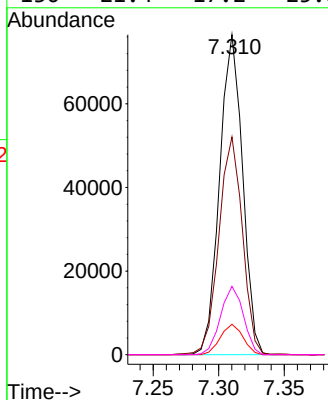
Ion Ratio Lower Upper

70 100

42 68.0 53.4 80.2

101 9.5 7.7 11.5

130 21.4 17.2 25.8



#20

3+4-Methylphenols

Concen: 9.981 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Tgt Ion: 107 Resp: 131546

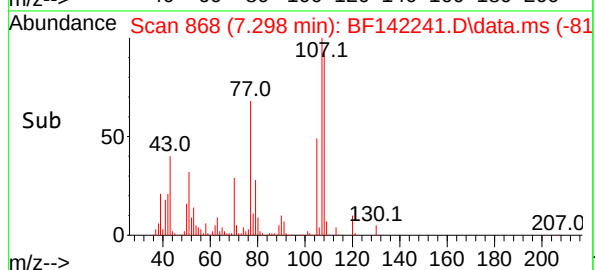
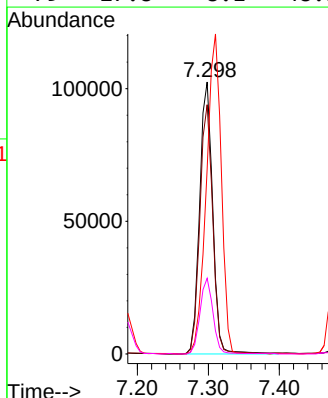
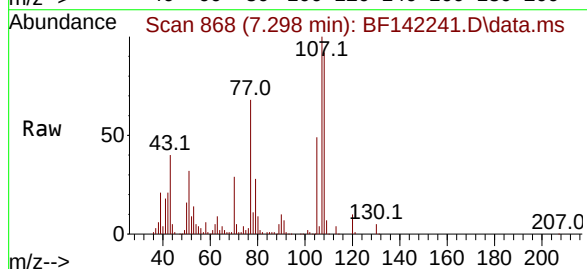
Ion Ratio Lower Upper

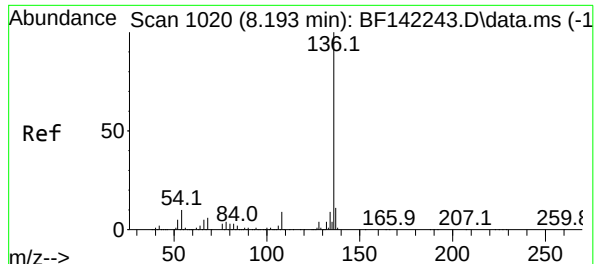
107 100

108 91.7 71.2 111.2

77 68.1 41.1 81.1

79 27.8 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF142241.D

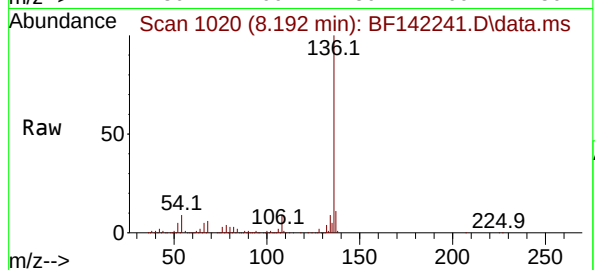
Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

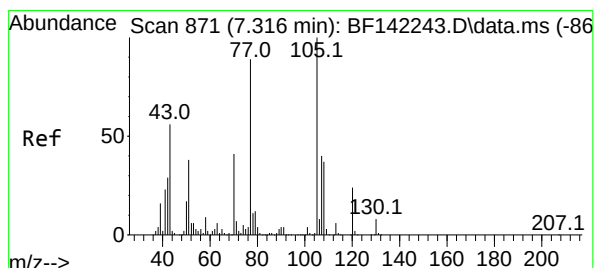
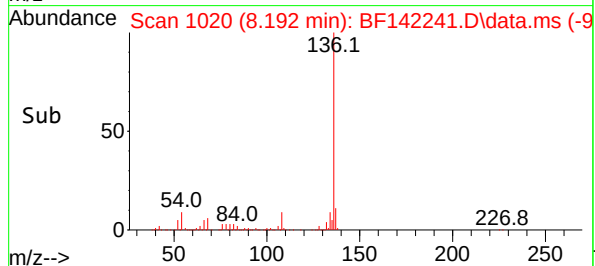
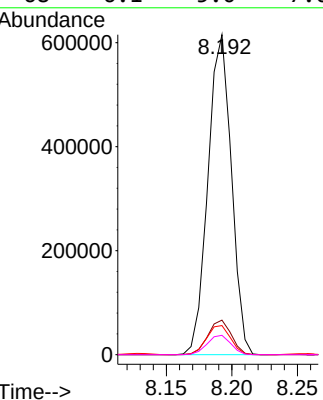
ClientSampleId :

SSTDICC010



Tgt Ion:136 Resp: 764114

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.1	7.7	11.5
68	6.1	5.0	7.6



#22

Acetophenone

Concen: 10.423 ng

RT: 7.310 min Scan# 870

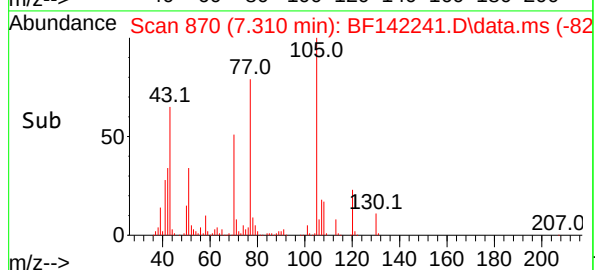
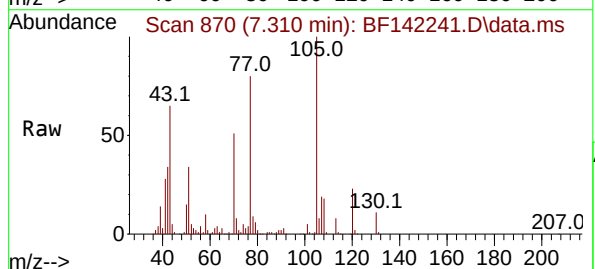
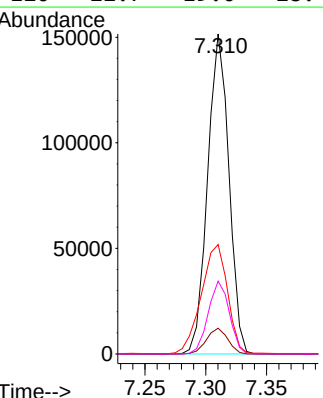
Delta R.T. -0.006 min

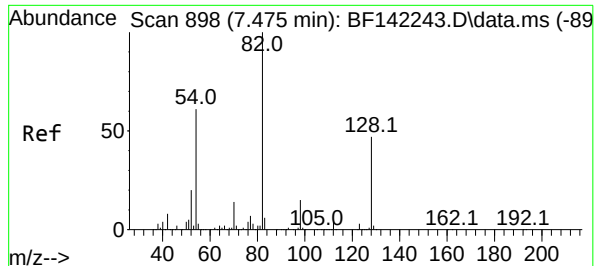
Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Tgt Ion:105 Resp: 184253

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.7	8.5
51	34.2	30.1	45.1
120	22.7	19.0	28.4





#23

Nitrobenzene-d5

Concen: 16.523 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

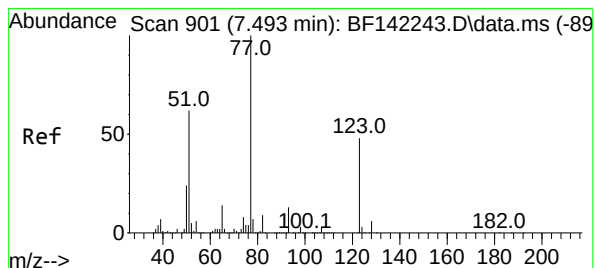
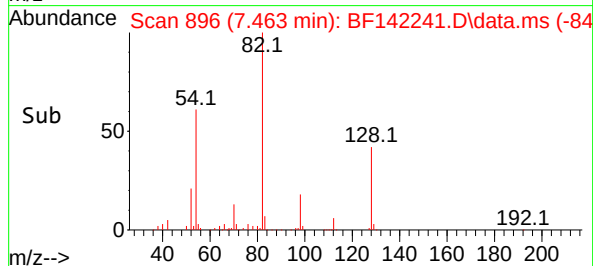
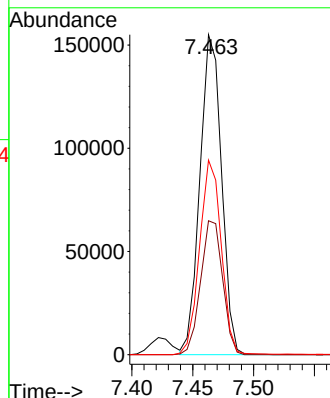
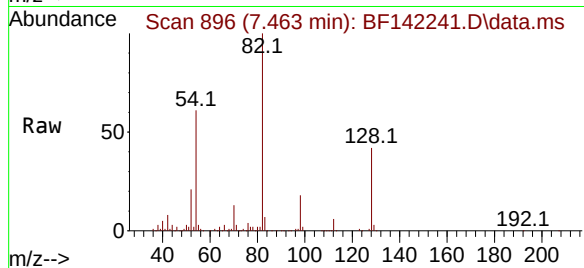
Tgt Ion: 82 Resp: 192172

Ion Ratio Lower Upper

82 100

128 41.8 37.0 55.6

54 60.8 48.0 72.0



#24

Nitrobenzene

Concen: 8.754 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

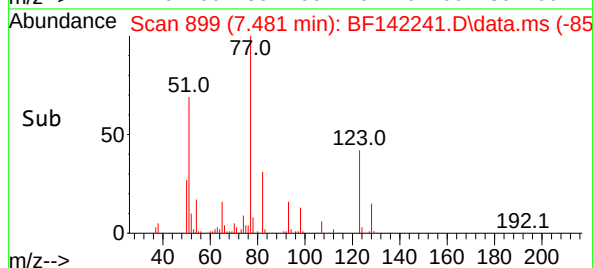
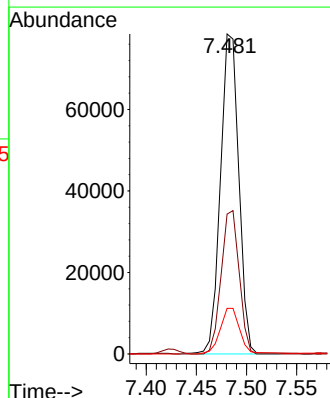
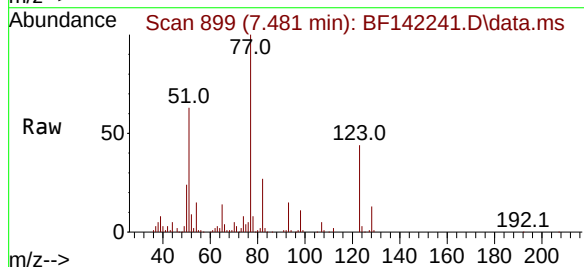
Tgt Ion: 77 Resp: 99900

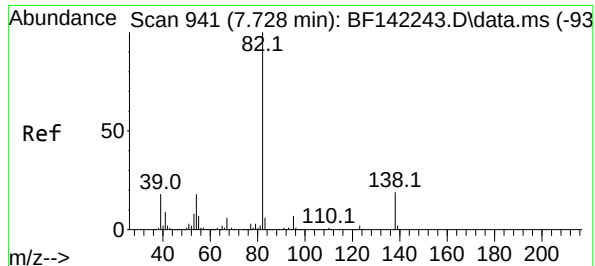
Ion Ratio Lower Upper

77 100

123 43.7 38.6 58.0

65 14.3 11.5 17.3

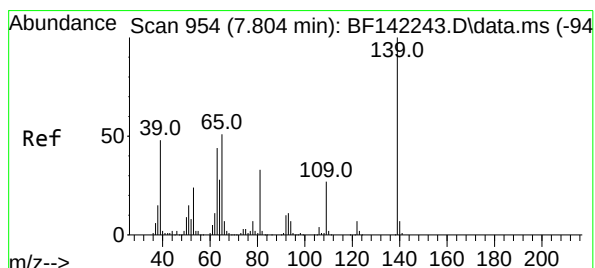
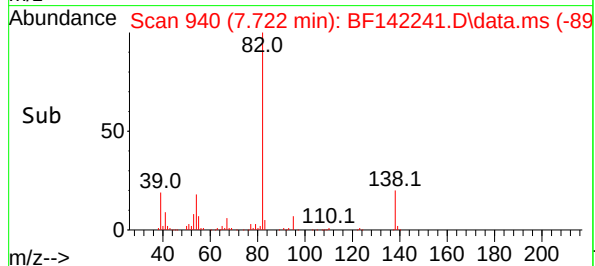
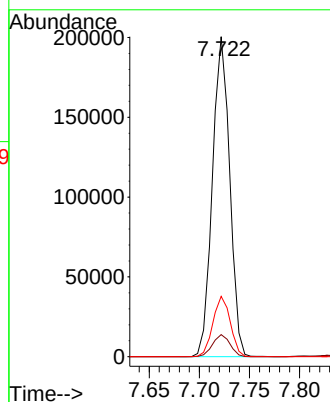
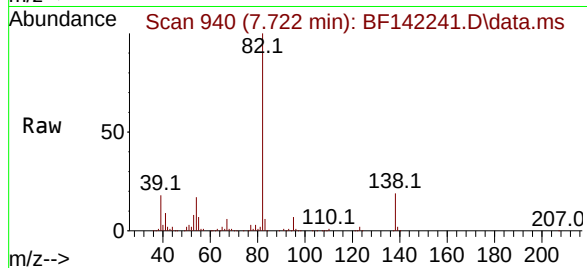




#25
Isophorone
Concen: 9.859 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

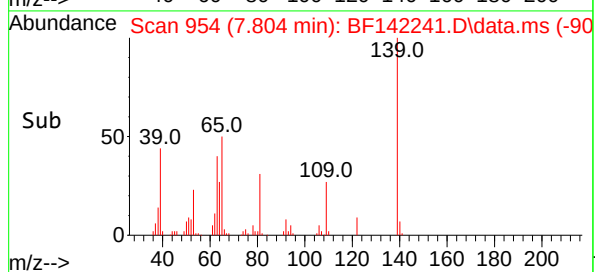
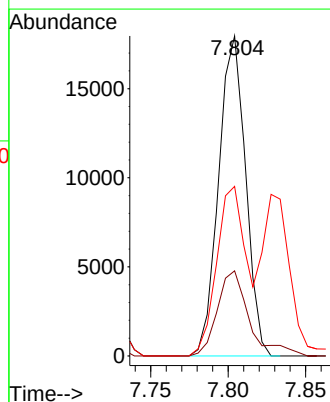
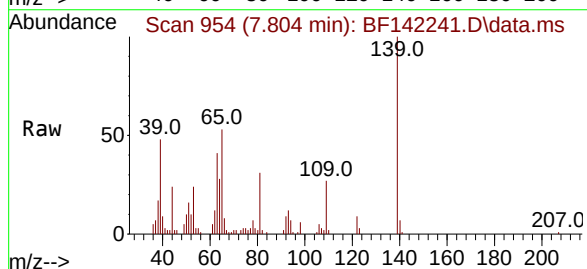
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

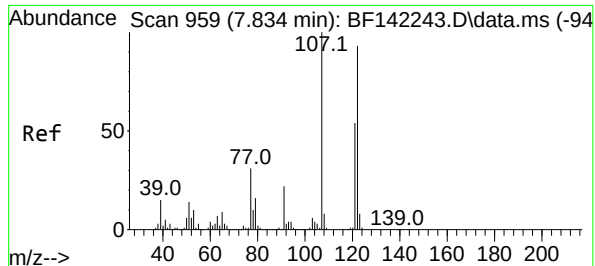
Tgt Ion: 82 Resp: 240659
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.8 15.3 22.9



#26
2-Nitrophenol
Concen: 9.530 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 139 Resp: 21744
Ion Ratio Lower Upper
139 100
109 26.6 21.8 32.8
65 53.0 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 9.889 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

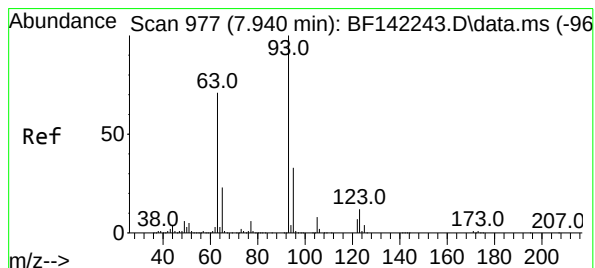
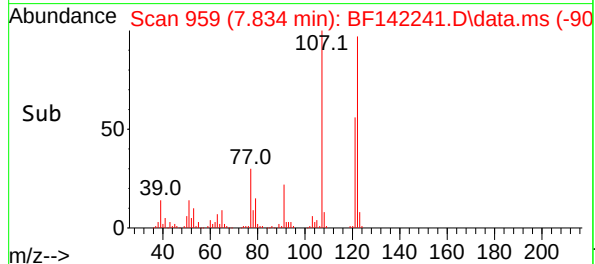
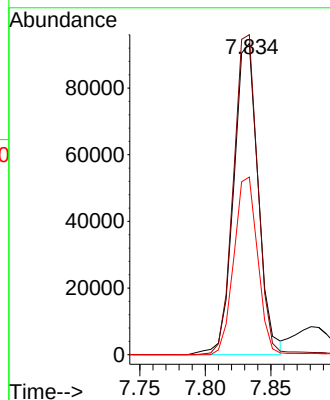
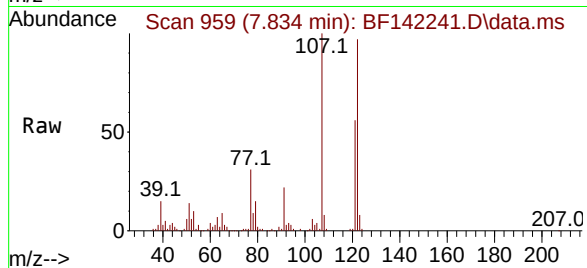
Tgt Ion:122 Resp: 121707

Ion Ratio Lower Upper

122 100

107 102.8 86.0 129.0

121 57.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 10.026 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

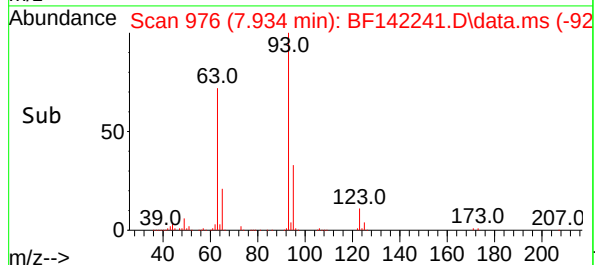
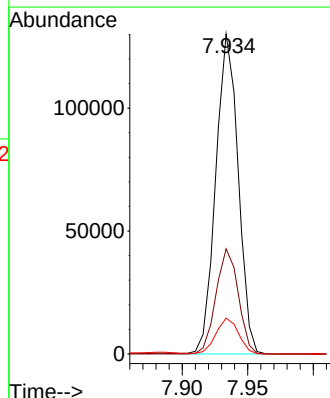
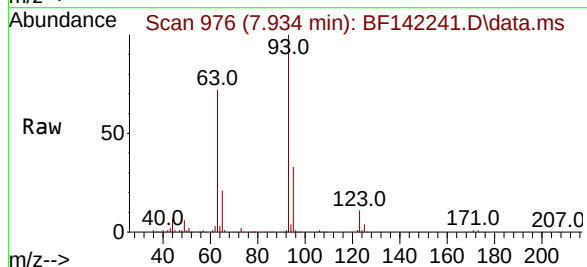
Tgt Ion: 93 Resp: 154349

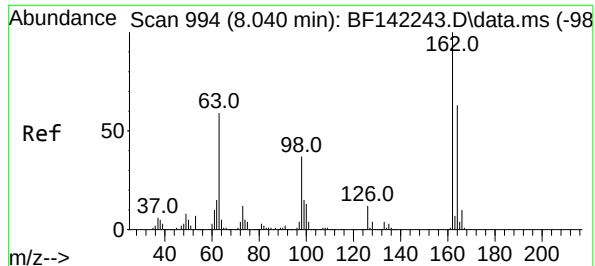
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 9.404 ng

RT: 8.034 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

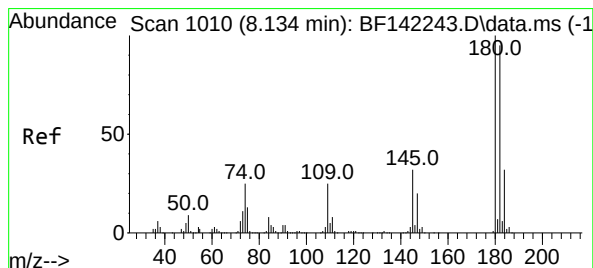
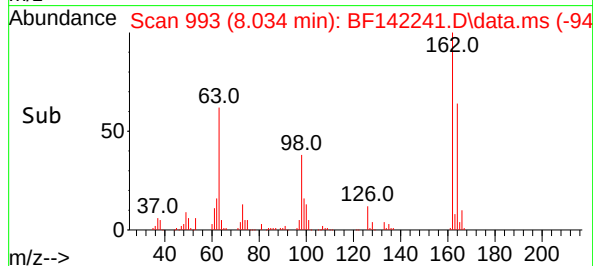
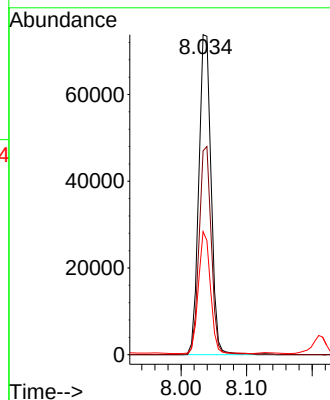
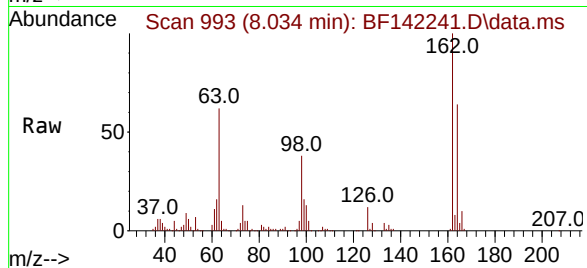
Tgt Ion:162 Resp: 96761

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 38.4 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 10.087 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

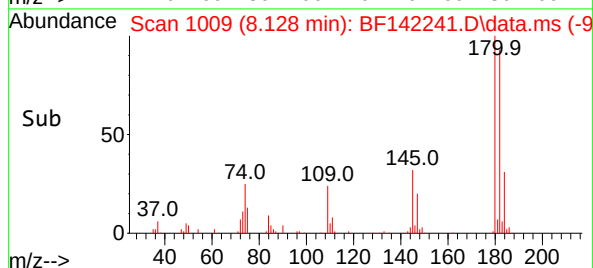
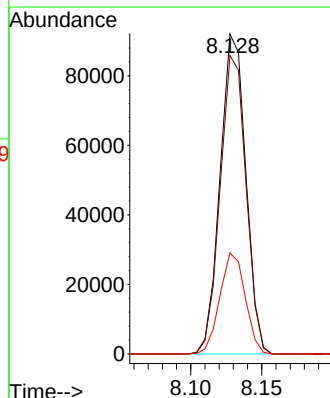
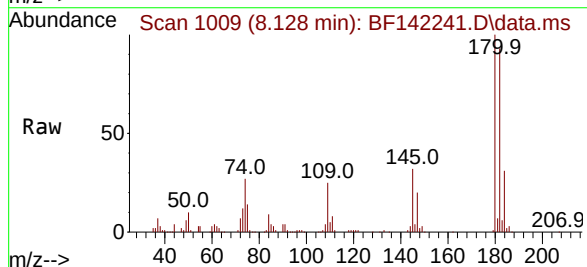
Tgt Ion:180 Resp: 115815

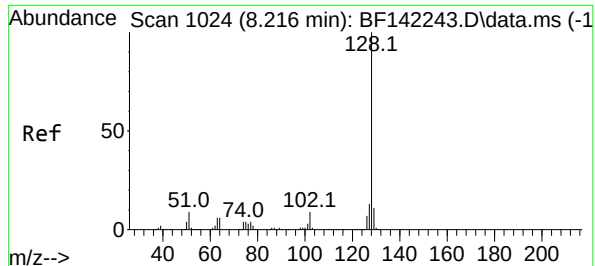
Ion Ratio Lower Upper

180 100

182 93.3 75.7 113.5

145 31.6 25.4 38.0

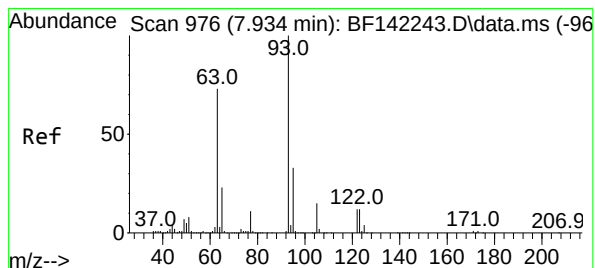
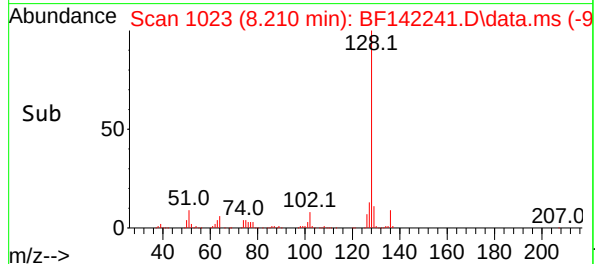
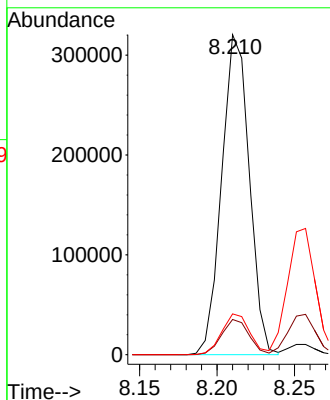
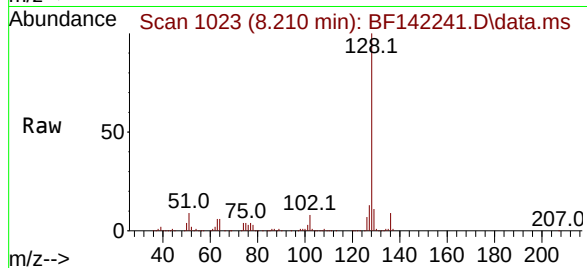




#31
Naphthalene
Concen: 10.422 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

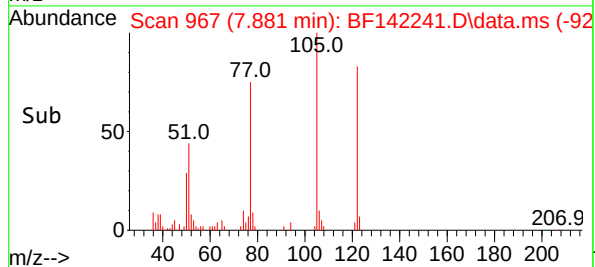
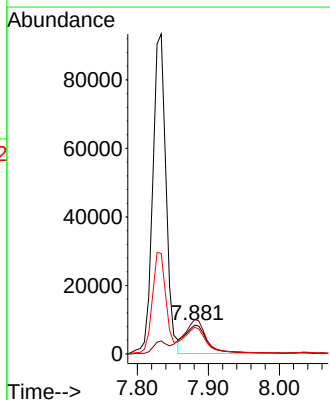
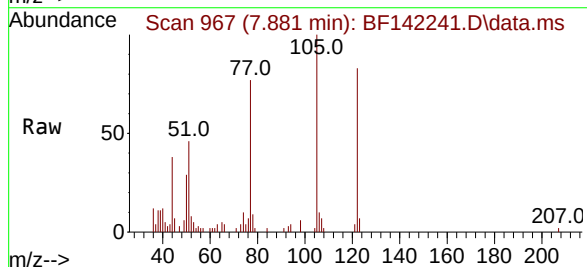
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

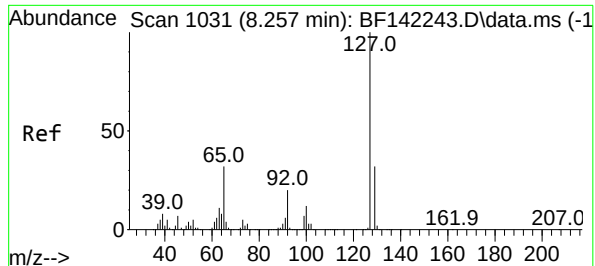
Tgt Ion:128 Resp: 397159
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 13.045 ng
RT: 7.881 min Scan# 967
Delta R.T. -0.053 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:122 Resp: 18272
Ion Ratio Lower Upper
122 100
105 120.0 98.2 138.2
77 92.6 66.8 106.8

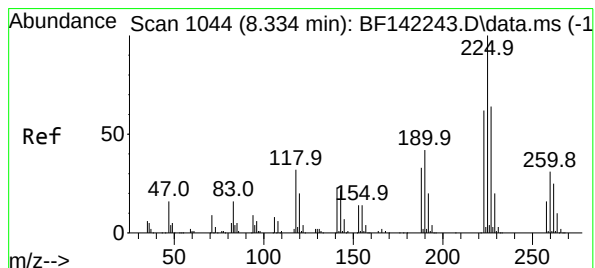
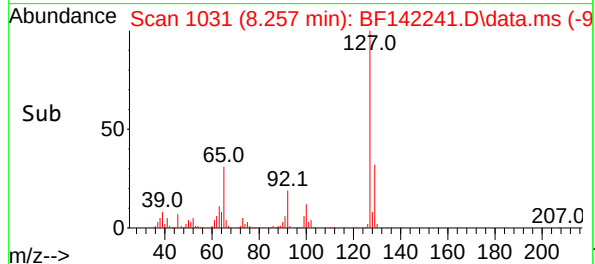
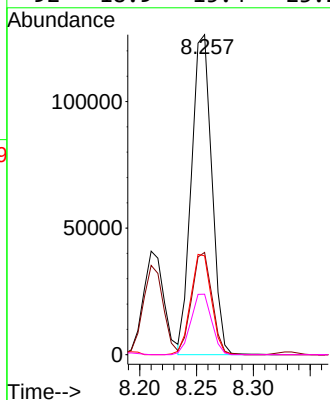
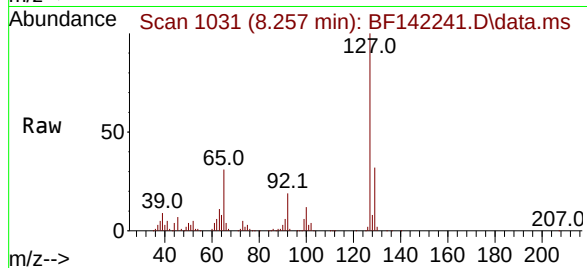




#33
4-Chloroaniline
Concen: 9.957 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

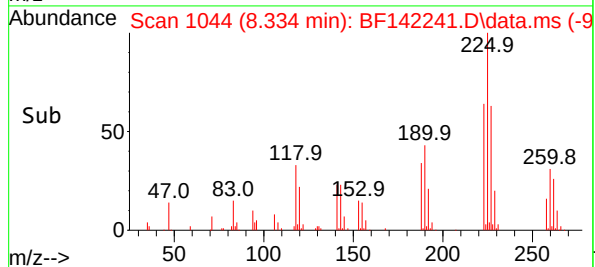
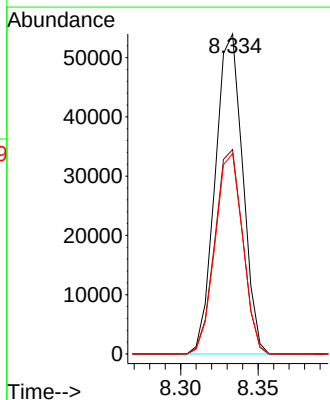
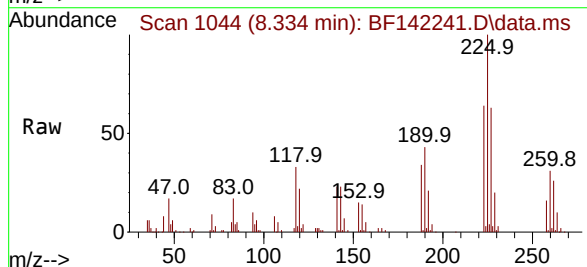
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

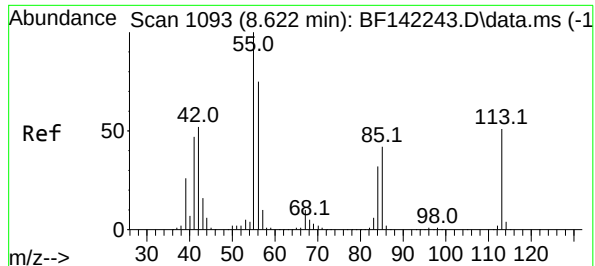
Tgt Ion:	127	Resp:	157999
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.9	25.5	38.3
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 9.976 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:	225	Resp:	66829
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	62.6	51.0	76.4

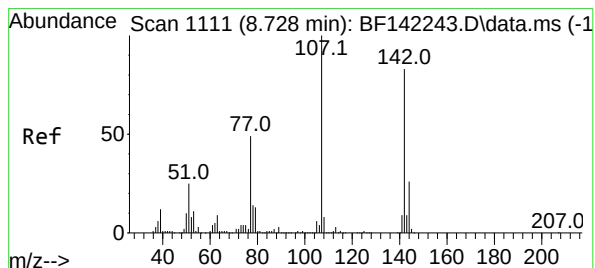
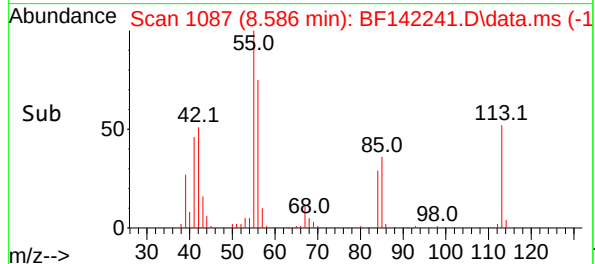
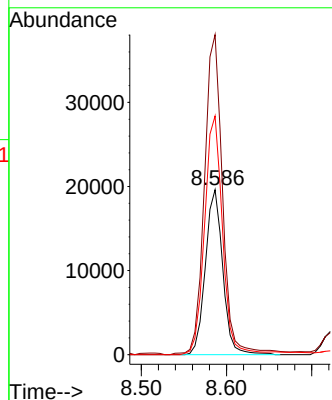
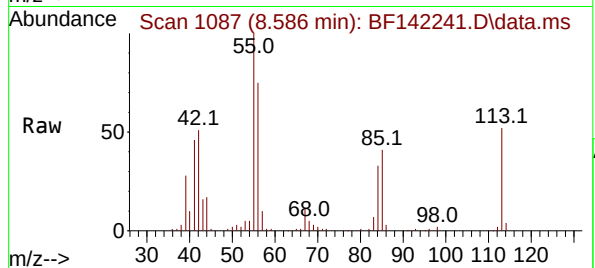




#35
Caprolactam
Concen: 8.989 ng
RT: 8.586 min Scan# 110
Delta R.T. -0.035 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

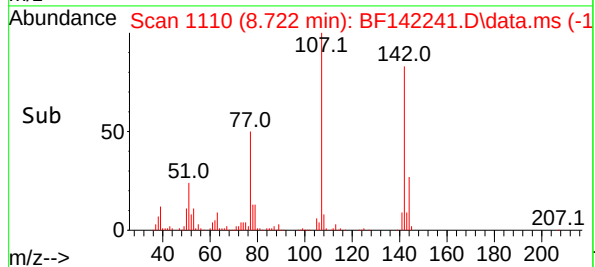
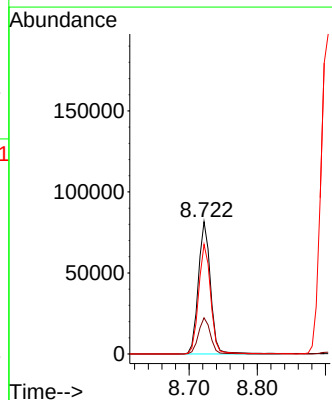
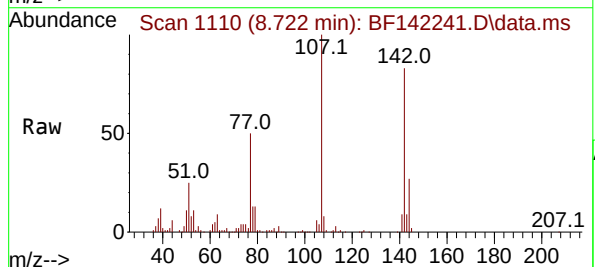
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

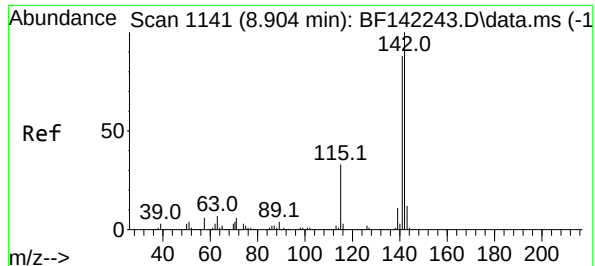
Tgt Ion:113 Resp: 27800
Ion Ratio Lower Upper
113 100
55 194.0 177.7 217.7
56 144.7 127.1 167.1



#36
4-Chloro-3-methylphenol
Concen: 9.576 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:107 Resp: 101179
Ion Ratio Lower Upper
107 100
144 27.3 21.0 31.4
142 82.8 66.1 99.1





#37

2-Methylnaphthalene

Concen: 10.390 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

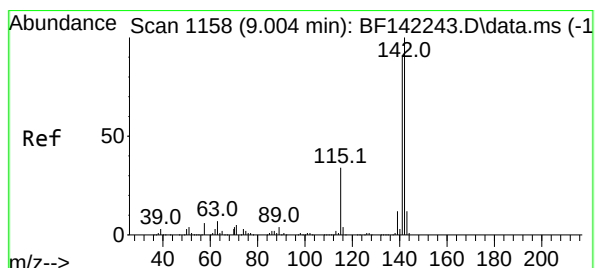
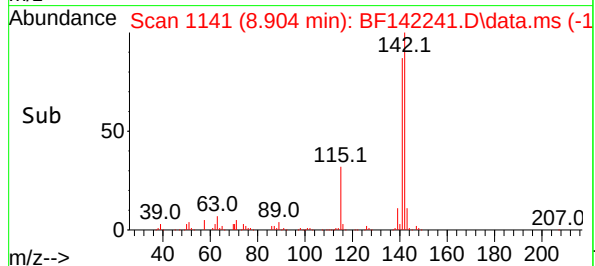
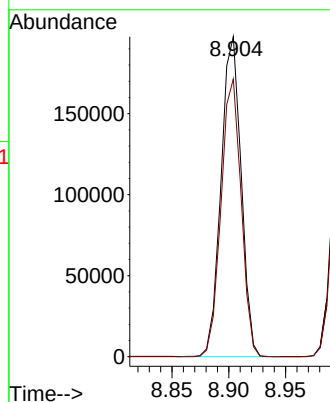
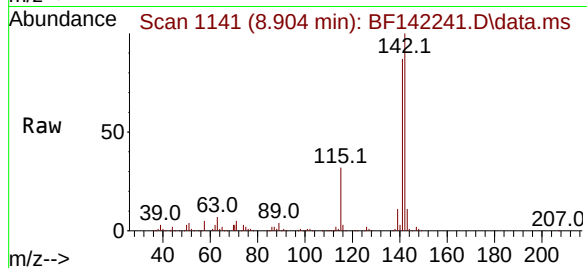
SSTDICC010

Tgt Ion:142 Resp: 243429

Ion Ratio Lower Upper

142 100

141 86.8 70.5 105.7



#38

1-Methylnaphthalene

Concen: 10.312 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142241.D

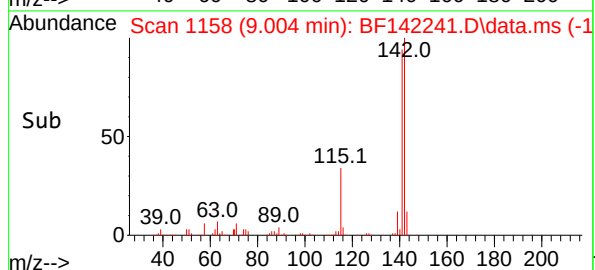
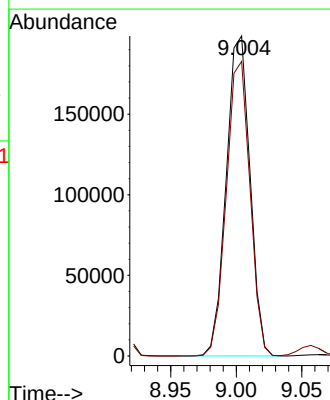
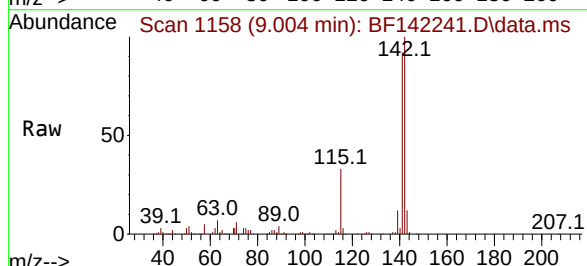
Acq: 30 Apr 2025 12:20

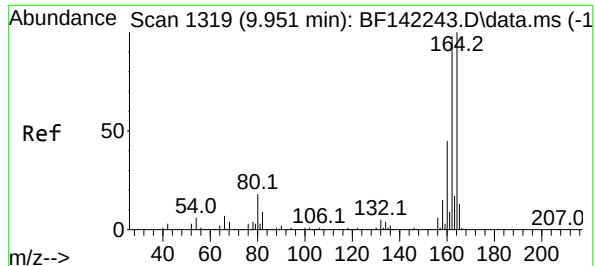
Tgt Ion:142 Resp: 250299

Ion Ratio Lower Upper

142 100

141 92.1 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

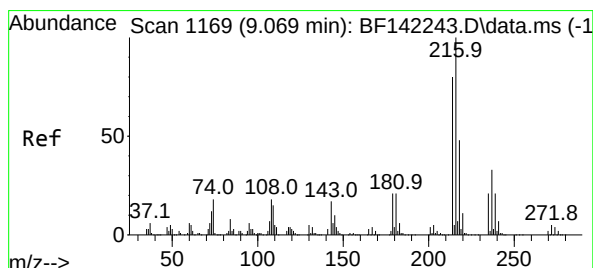
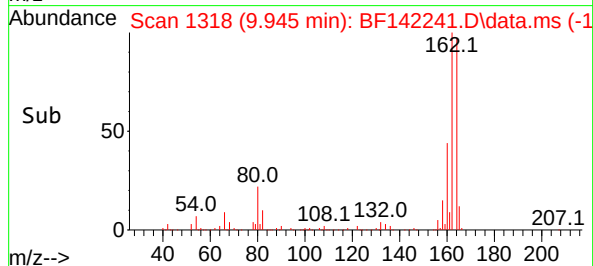
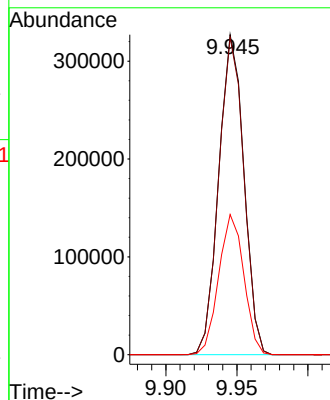
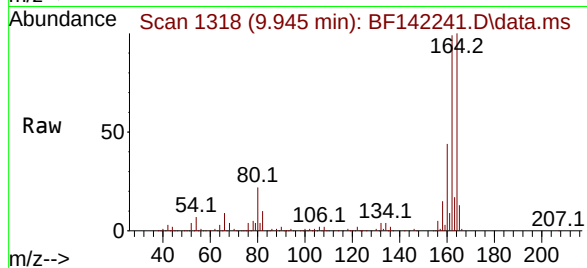
BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 402628

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.6	117.8
160	43.8	35.7	53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.209 ng

RT: 9.069 min Scan# 1169

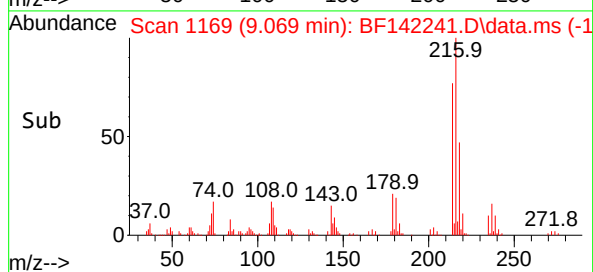
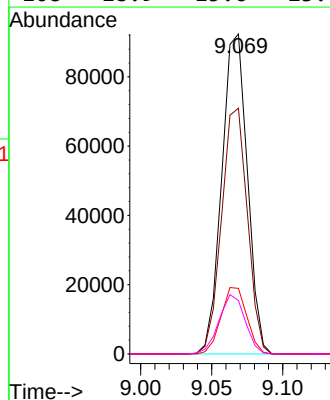
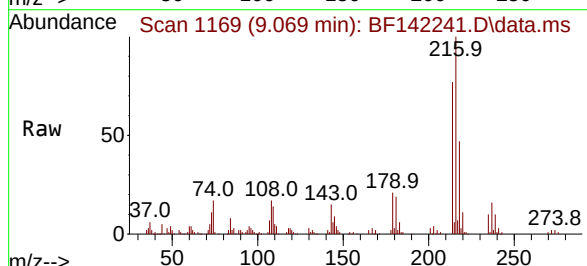
Delta R.T. -0.000 min

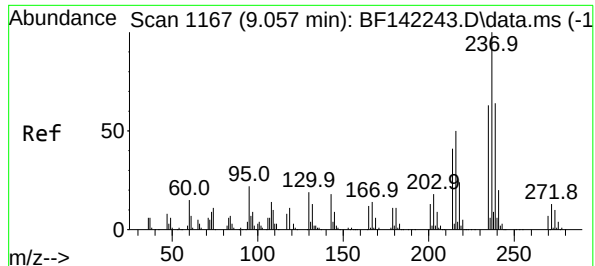
Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Tgt Ion:216 Resp: 115685

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.8	95.6
179	21.0	16.7	25.1
108	18.9	15.6	23.4

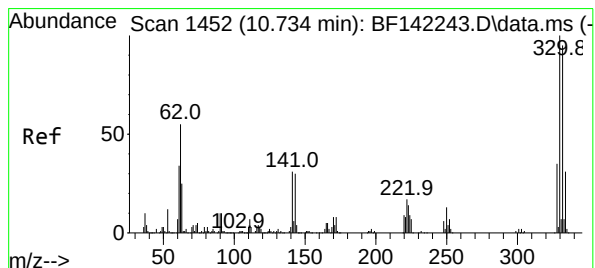
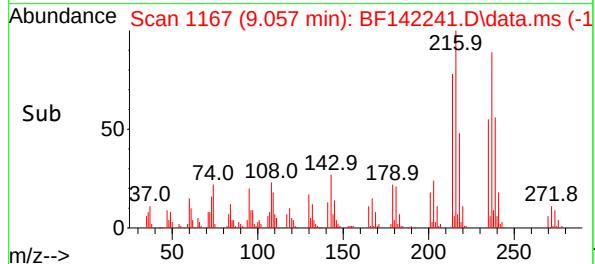
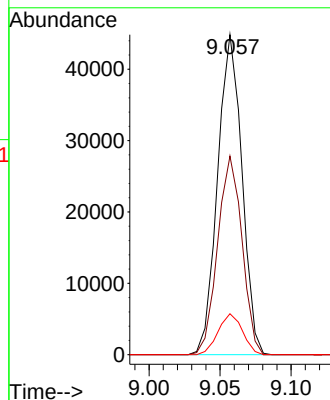
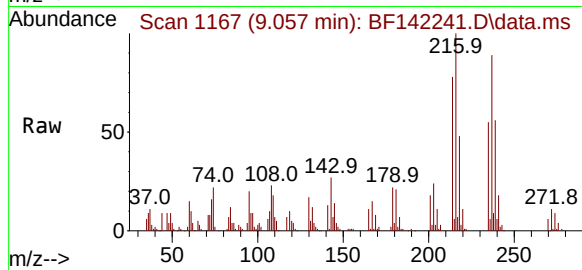




#41
Hexachlorocyclopentadiene
Concen: 8.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

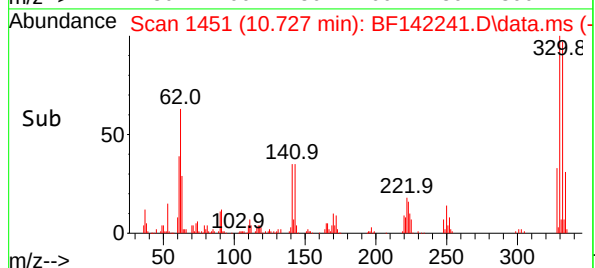
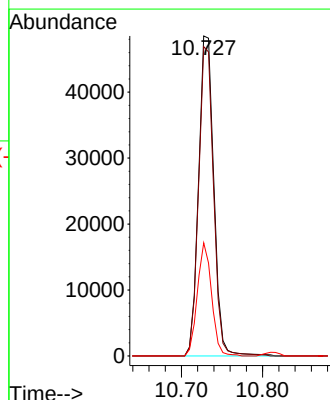
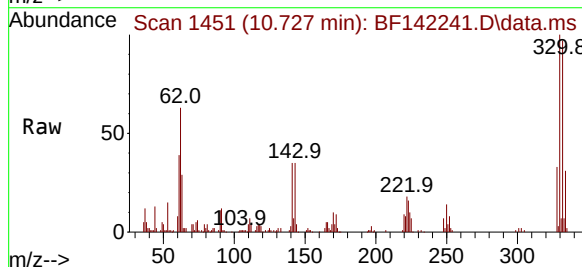
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

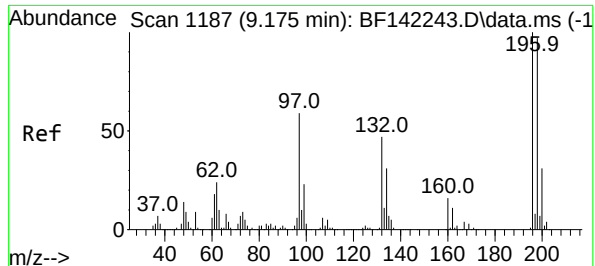
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.5	83.5
272	12.8	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 17.292 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	32.9	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 9.438 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

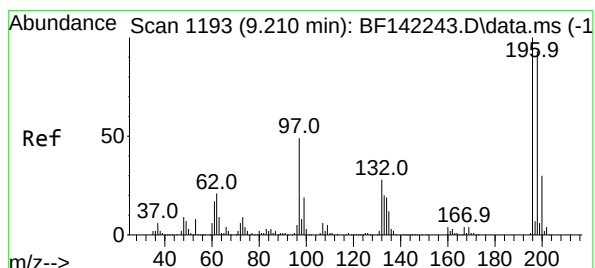
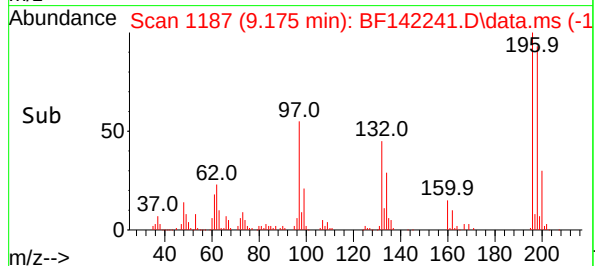
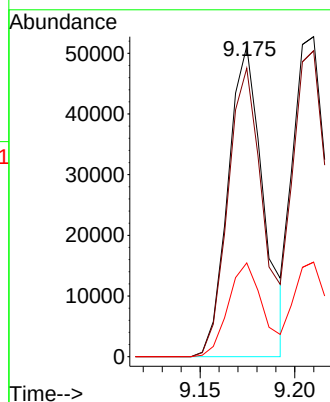
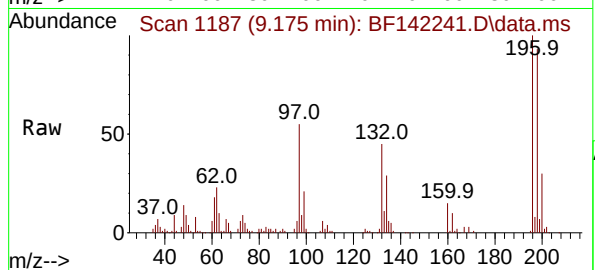
Tgt Ion:196 Resp: 66271

Ion Ratio Lower Upper

196 100

198 92.9 77.4 116.2

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 9.009 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Tgt Ion:196 Resp: 66509

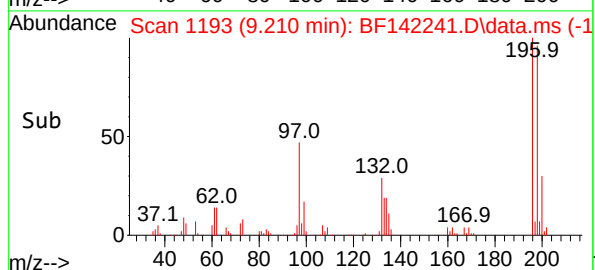
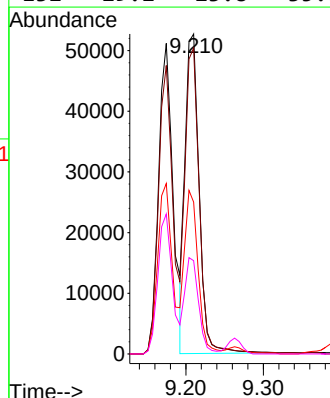
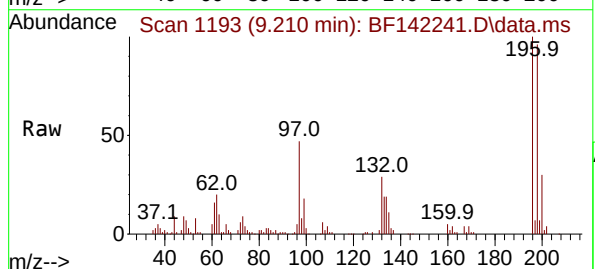
Ion Ratio Lower Upper

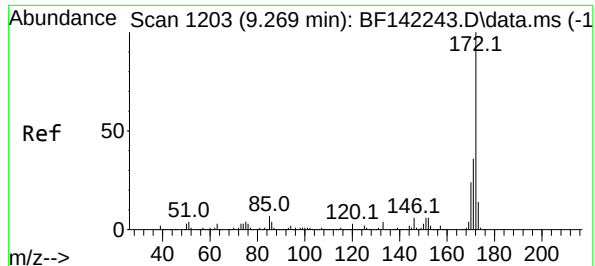
196 100

198 95.6 75.2 112.8

97 47.5 39.8 59.8

132 29.2 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 22.275 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

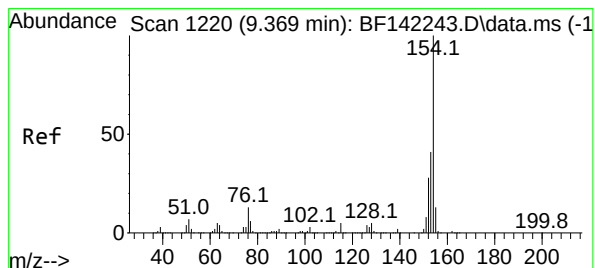
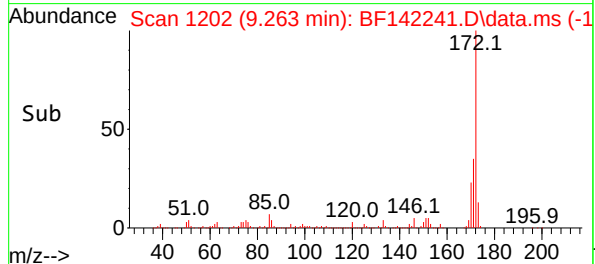
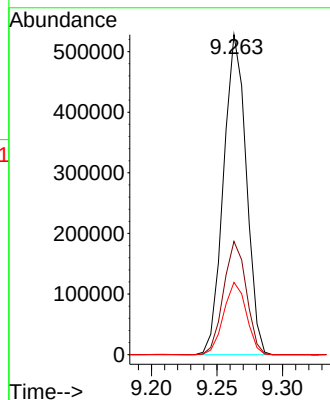
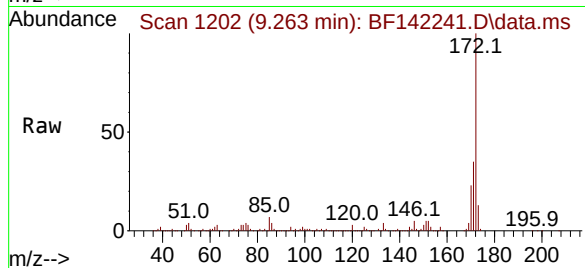
Tgt Ion:172 Resp: 636078

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.4

170 22.6 19.4 29.0



#46

1,1'-Biphenyl

Concen: 10.423 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

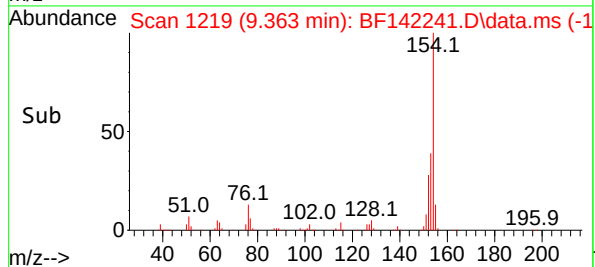
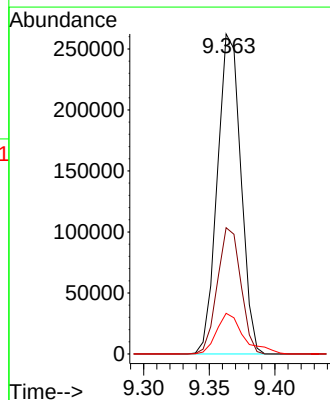
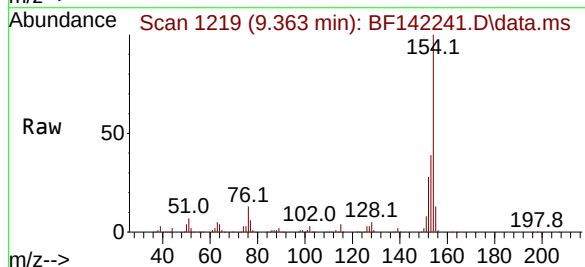
Tgt Ion:154 Resp: 326241

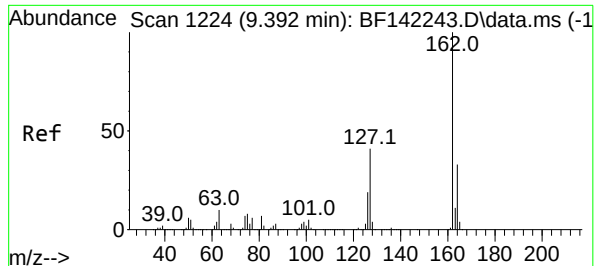
Ion Ratio Lower Upper

154 100

153 39.5 20.5 60.5

76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 10.165 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

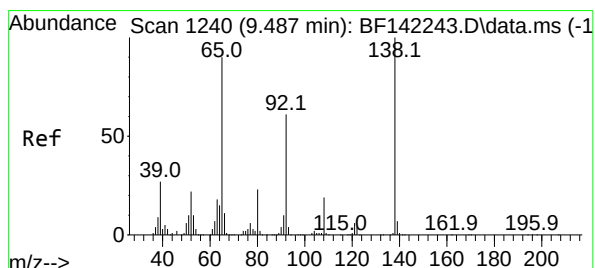
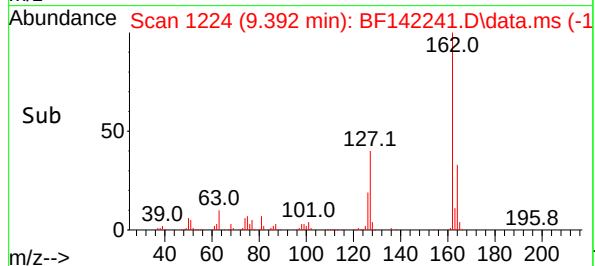
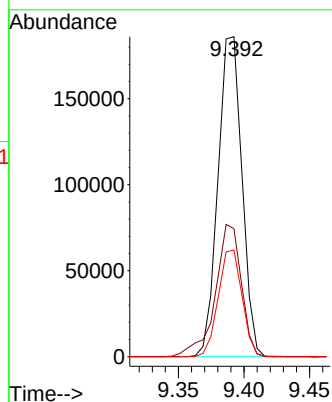
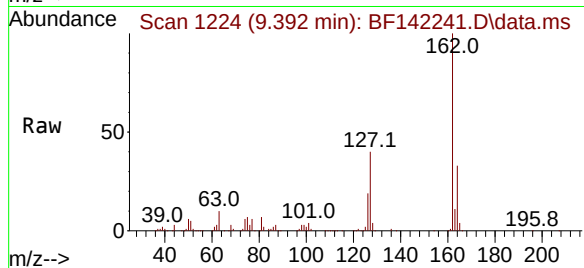
Tgt Ion:162 Resp: 236725

Ion Ratio Lower Upper

162 100

127 40.0 32.6 49.0

164 33.3 26.1 39.1



#48

2-Nitroaniline

Concen: 9.382 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.007 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

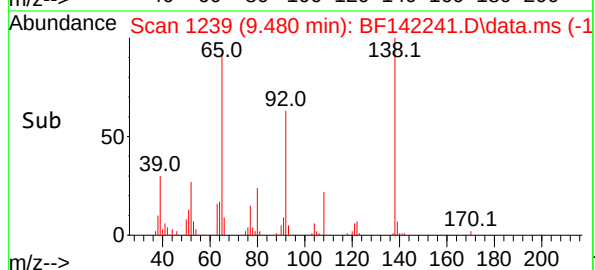
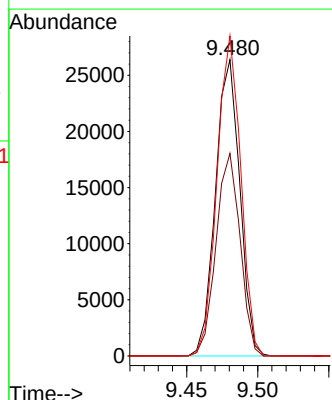
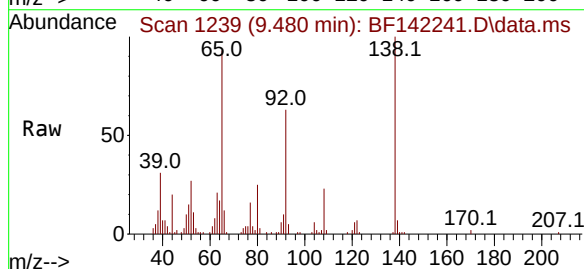
Tgt Ion: 65 Resp: 31455

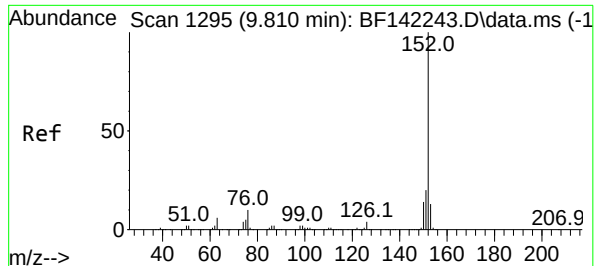
Ion Ratio Lower Upper

65 100

92 68.4 54.3 81.5

138 108.0 88.6 133.0





#49

Acenaphthylene

Concen: 10.373 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

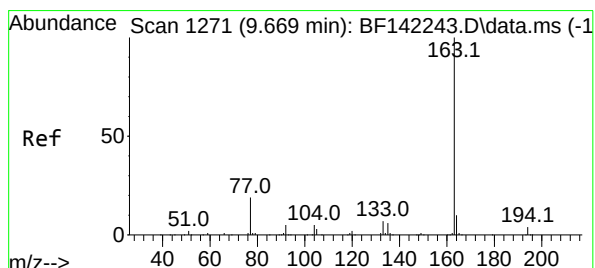
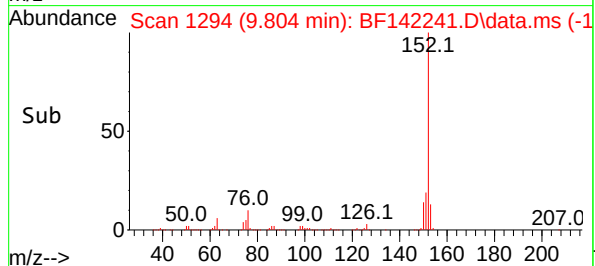
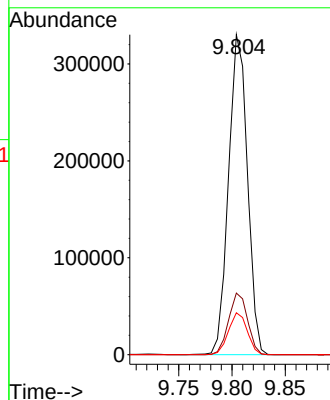
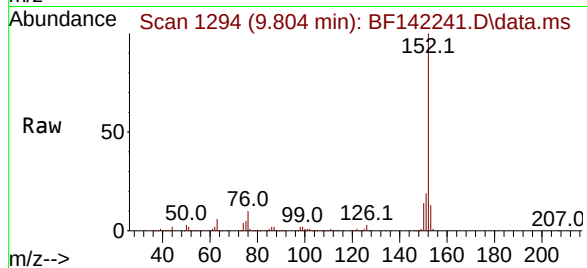
Tgt Ion:152 Resp: 407630

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 10.036 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

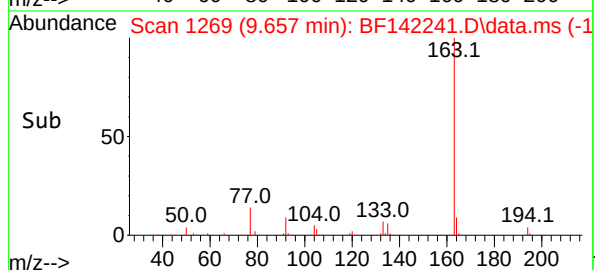
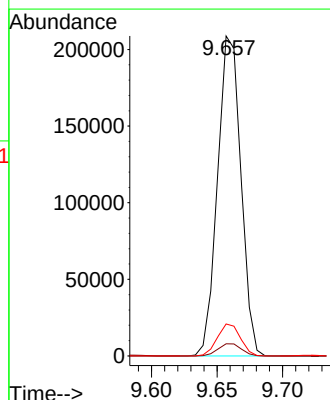
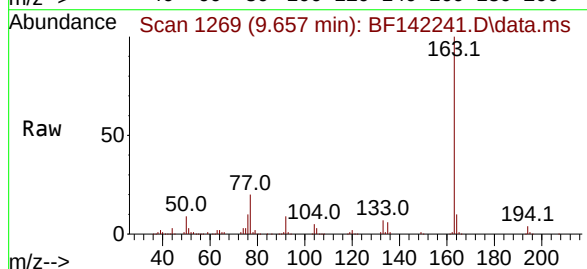
Tgt Ion:163 Resp: 258512

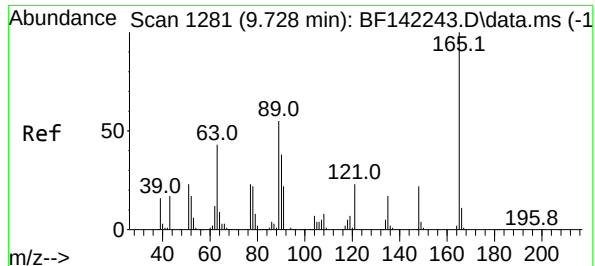
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 9.147 ng

RT: 9.722 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

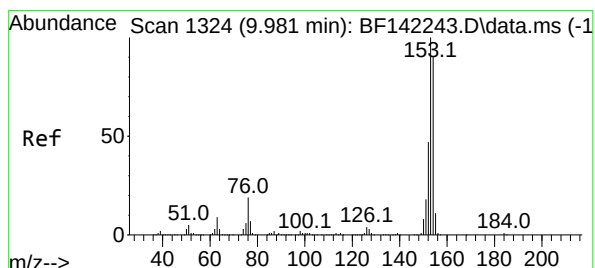
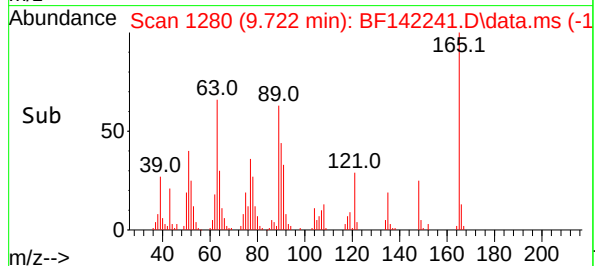
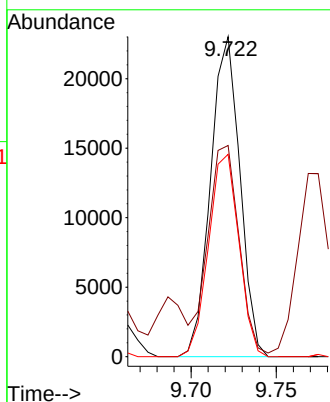
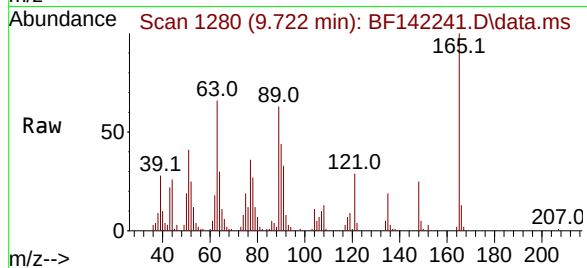
Tgt Ion:165 Resp: 27624

Ion Ratio Lower Upper

165 100

63 66.0 48.5 72.7

89 63.2 43.9 65.9



#52

Acenaphthene

Concen: 10.305 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

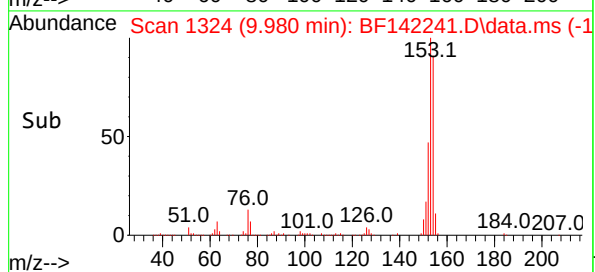
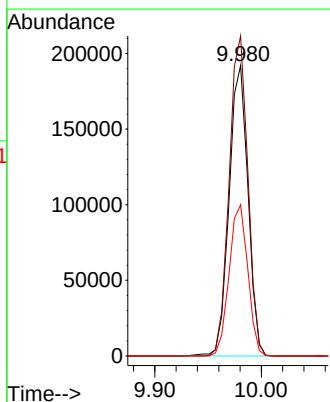
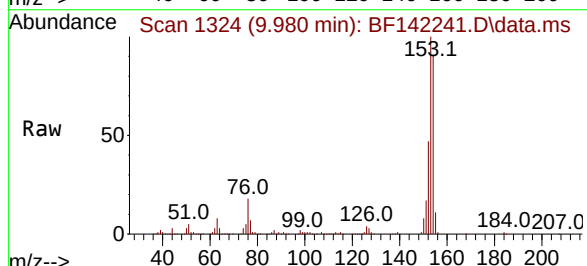
Tgt Ion:154 Resp: 236444

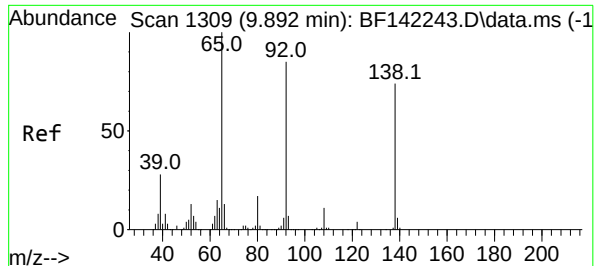
Ion Ratio Lower Upper

154 100

153 110.2 88.6 133.0

152 52.1 42.1 63.1

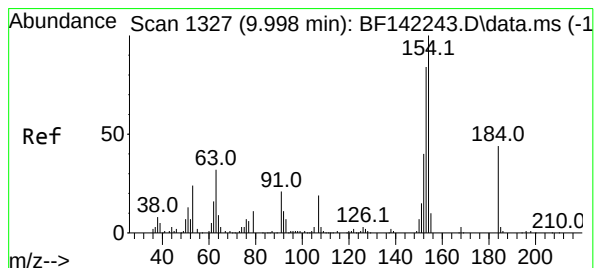
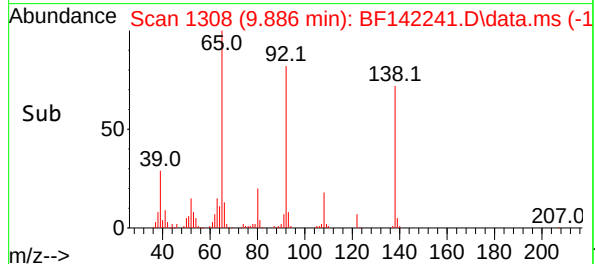
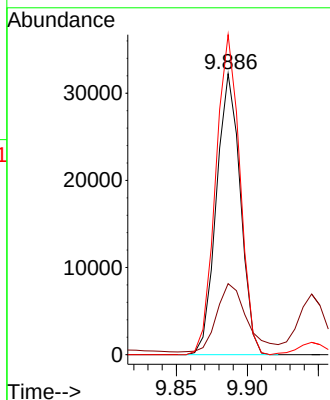
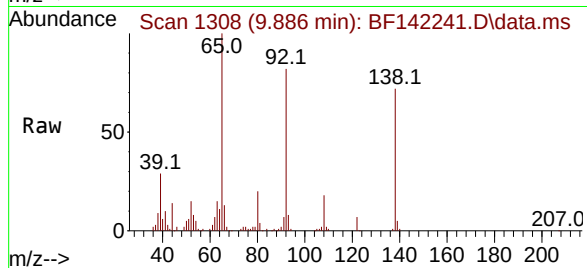




#53
3-Nitroaniline
Concen: 9.049 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

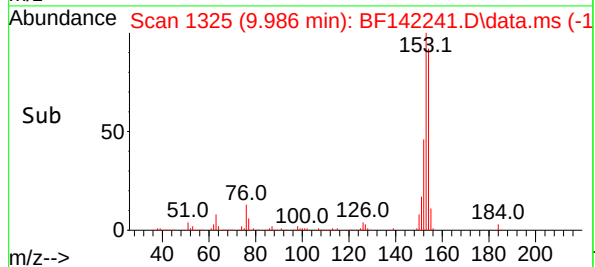
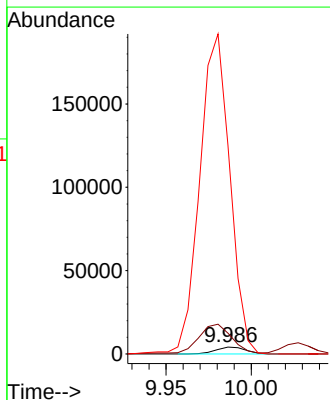
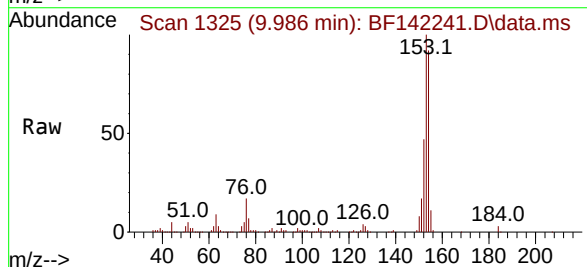
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

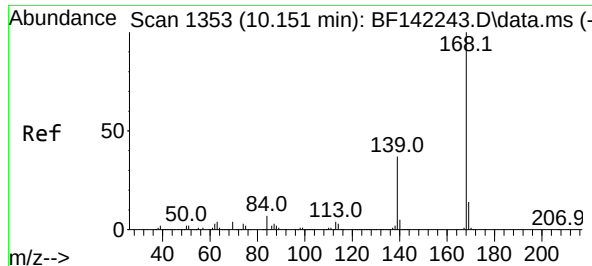
Tgt Ion:138 Resp: 37727
Ion Ratio Lower Upper
138 100
108 25.3 11.7 17.5#
92 113.9 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 11.362 ng
RT: 9.986 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:184 Resp: 4993
Ion Ratio Lower Upper
184 100
63 302.8 69.2 103.8#
154 3030.9 271.4 407.2#





#55

Dibenzenofuran

Concen: 10.392 ng

RT: 10.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

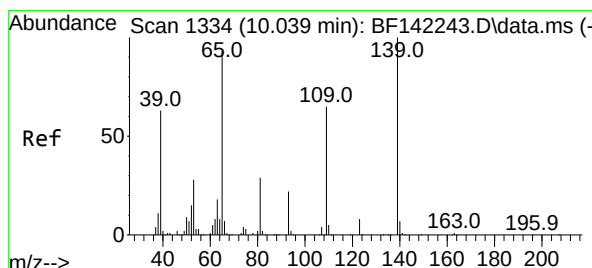
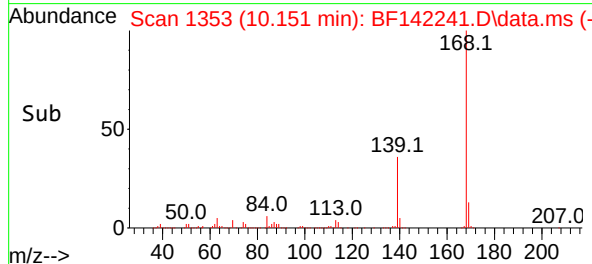
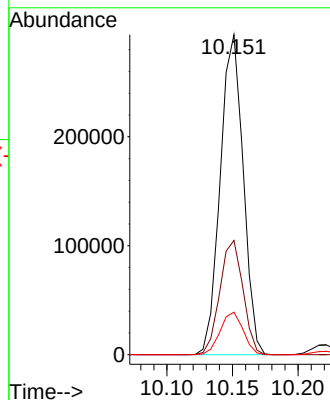
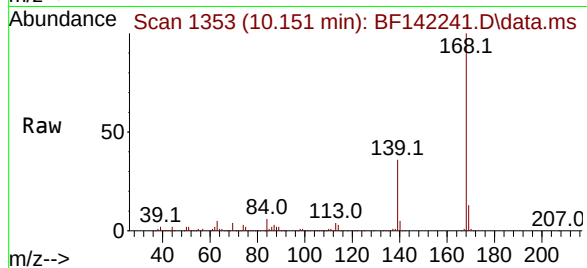
Tgt Ion:168 Resp: 357431

Ion Ratio Lower Upper

168 100

139 35.7 29.4 44.0

169 13.3 11.0 16.4



#56

4-Nitrophenol

Concen: 6.520 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

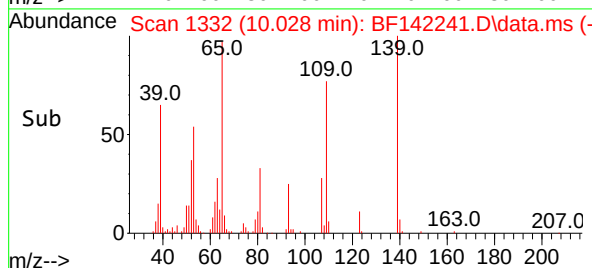
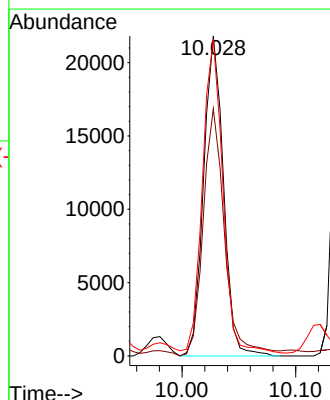
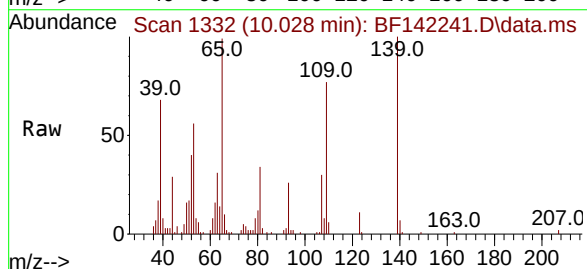
Tgt Ion:139 Resp: 26399

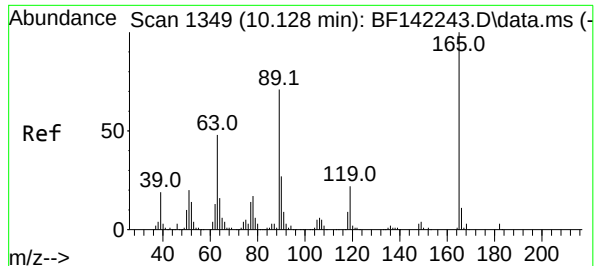
Ion Ratio Lower Upper

139 100

109 77.2 44.9 84.9

65 99.0 74.7 114.7

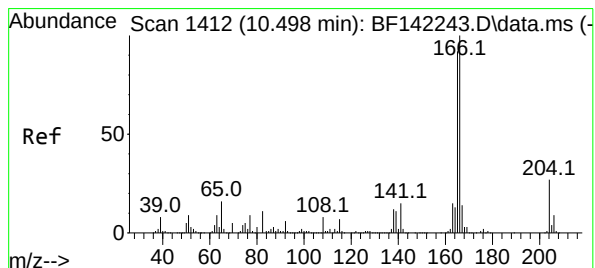
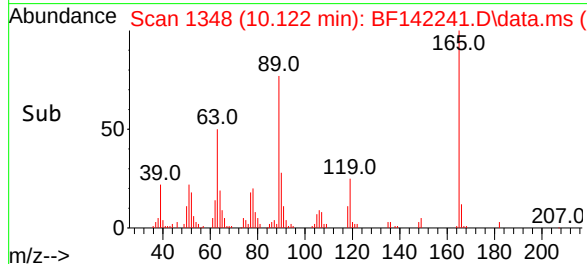
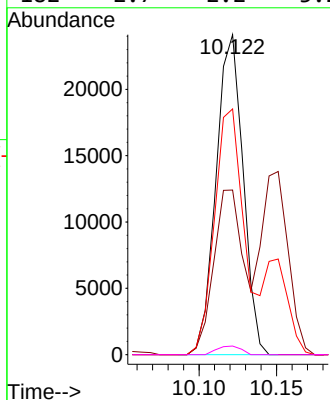
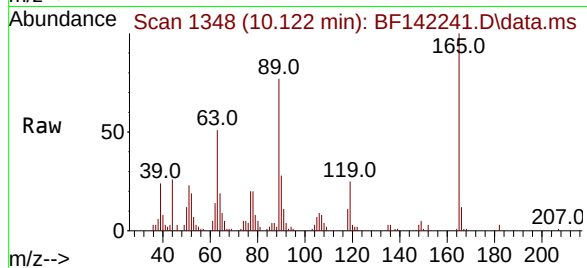




#57
2,4-Dinitrotoluene
Concen: 9.405 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

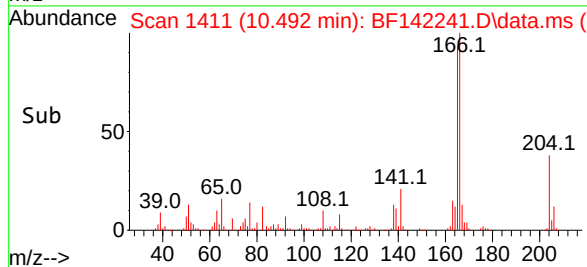
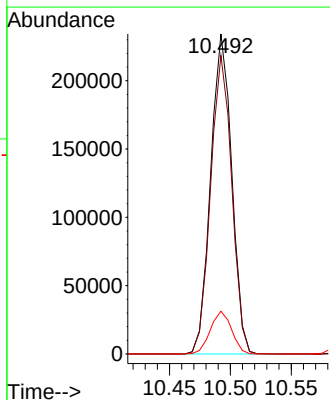
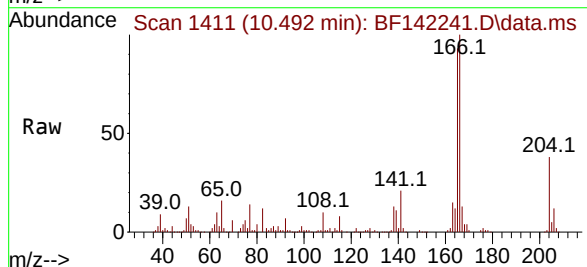
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

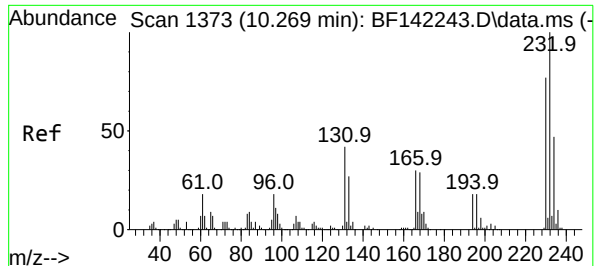
Tgt Ion:	165	Resp:	29245
Ion	Ratio	Lower	Upper
165	100		
63	51.5	38.8	58.2
89	76.8	57.1	85.7
182	2.7	2.2	3.2



#58
Fluorene
Concen: 10.800 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:	166	Resp:	282449
Ion	Ratio	Lower	Upper
166	100		
165	93.3	73.9	110.9
167	13.4	10.8	16.2

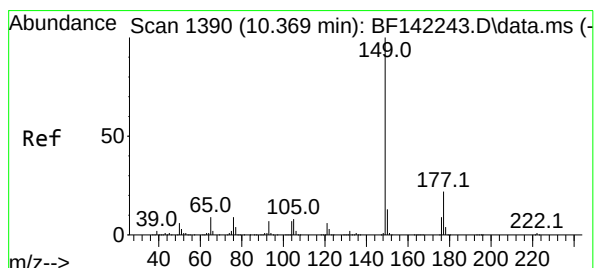
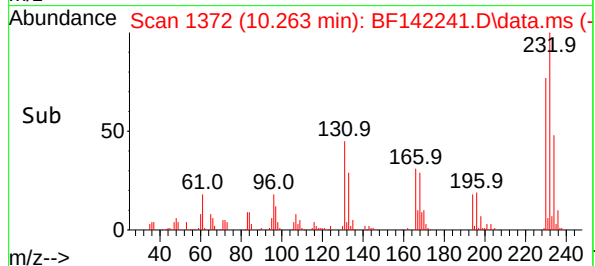
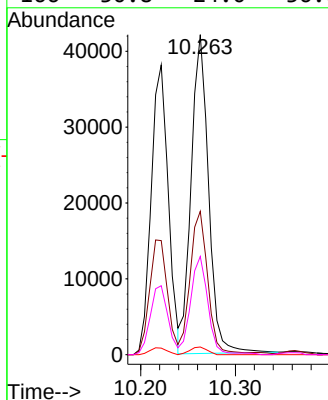
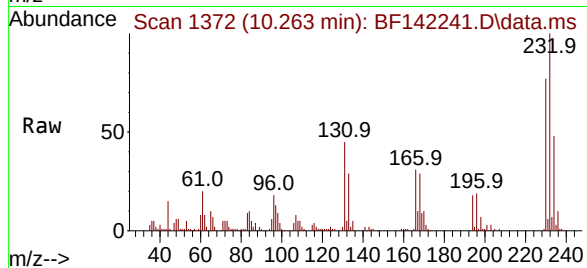




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.775 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

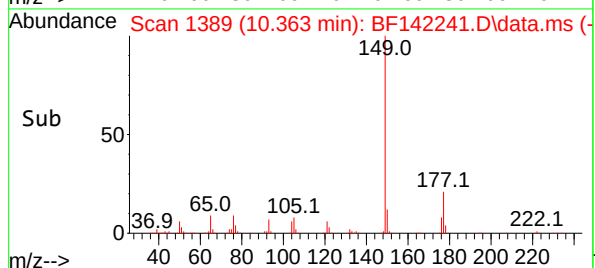
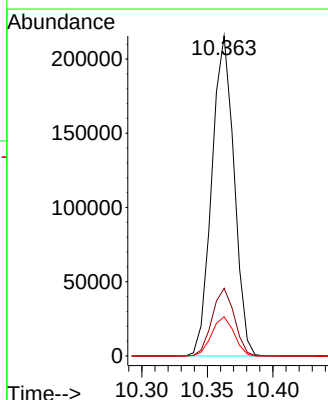
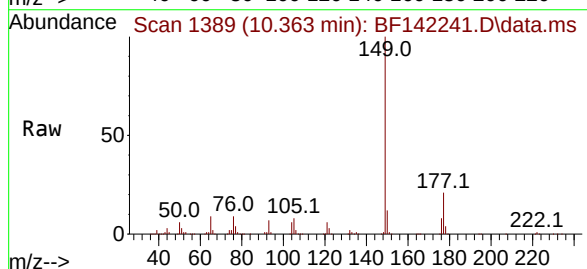
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

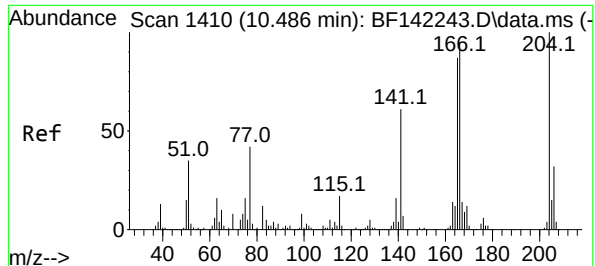
Tgt Ion:232 Resp: 53660
Ion Ratio Lower Upper
232 100
131 44.3 35.9 53.9
130 2.4 1.8 2.6
166 30.8 24.0 36.0



#60
Diethylphthalate
Concen: 10.003 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 254431
Ion Ratio Lower Upper
149 100
177 21.2 17.6 26.4
150 12.3 10.2 15.2

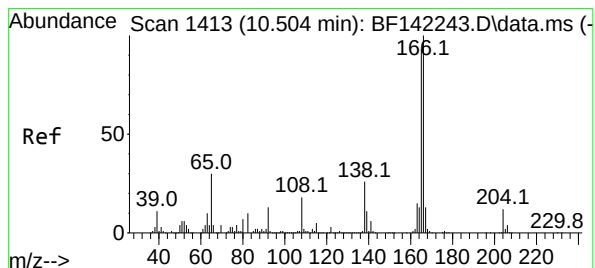
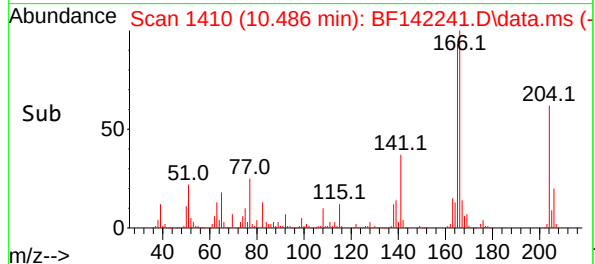
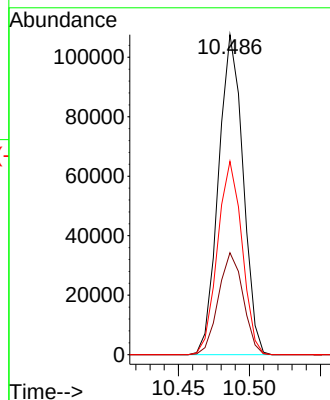
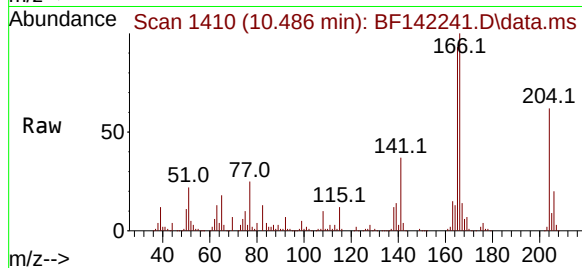




#61
4-Chlorophenyl-phenylether
Concen: 10.398 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

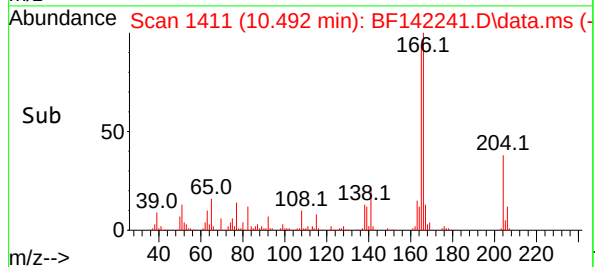
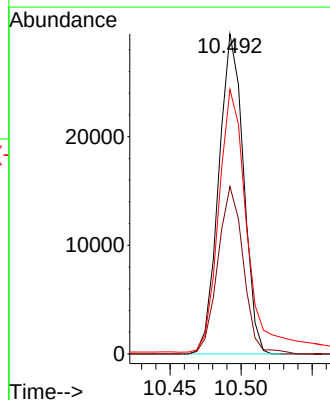
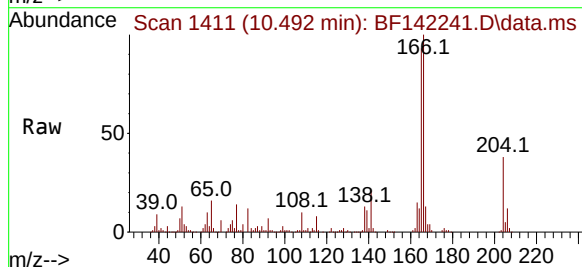
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

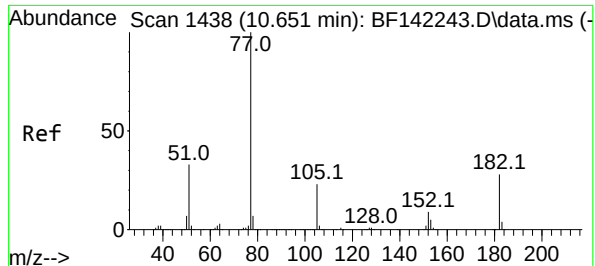
Tgt Ion:204 Resp: 129149
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 60.4 48.9 73.3



#62
4-Nitroaniline
Concen: 8.911 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:138 Resp: 35703
Ion Ratio Lower Upper
138 100
92 52.3 29.2 69.2
108 82.7 49.1 89.1

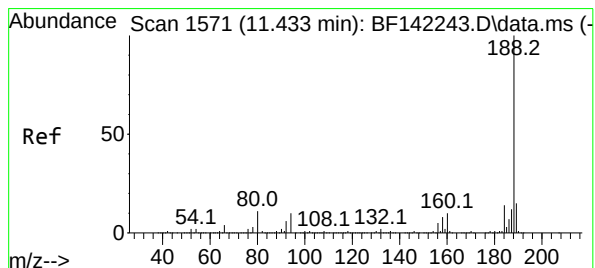
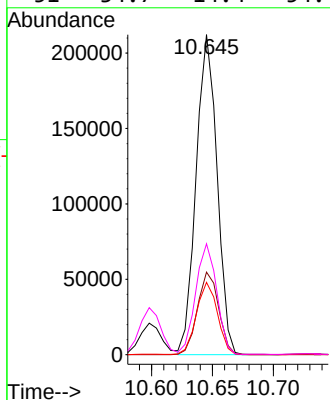
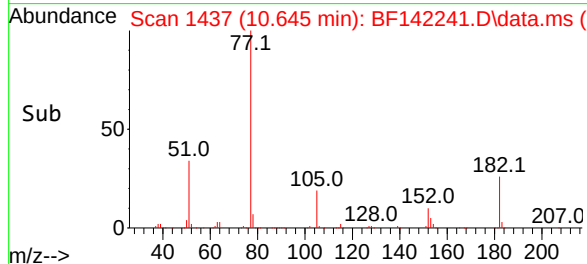
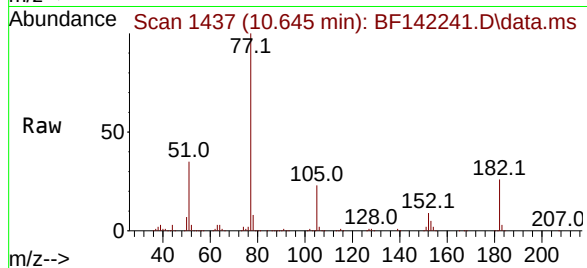




#63
Azobenzene
Concen: 10.102 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

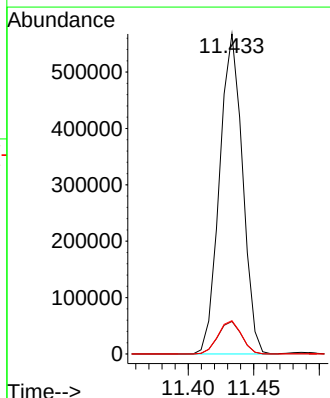
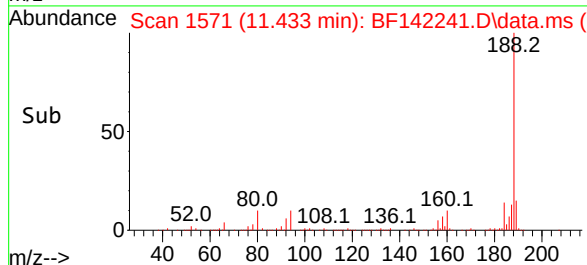
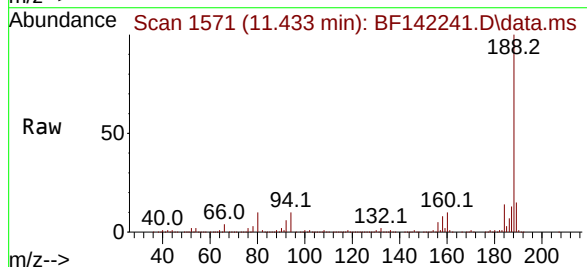
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

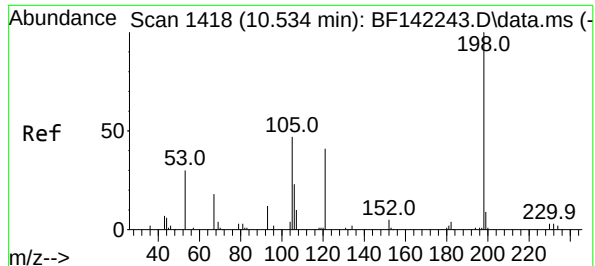
Tgt Ion: 77 Resp: 253731
Ion Ratio Lower Upper
77 100
182 25.8 7.3 47.3
105 22.6 2.5 42.5
51 34.7 14.4 54.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion: 188 Resp: 692116
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.4 8.6 12.8

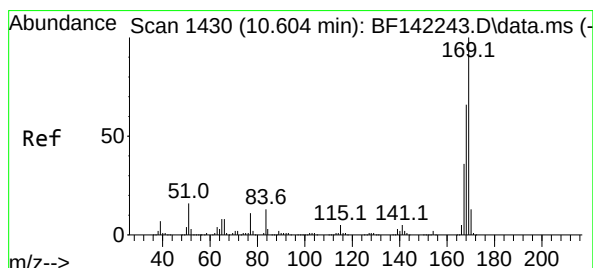
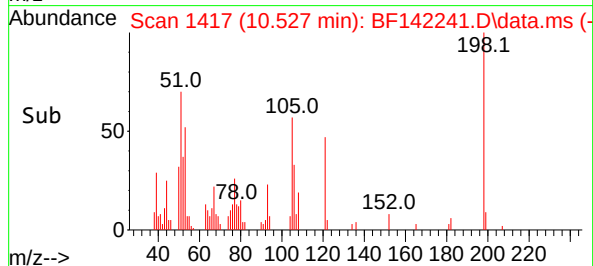
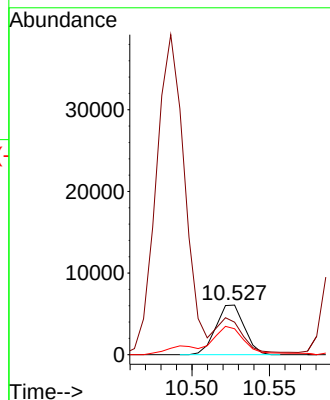
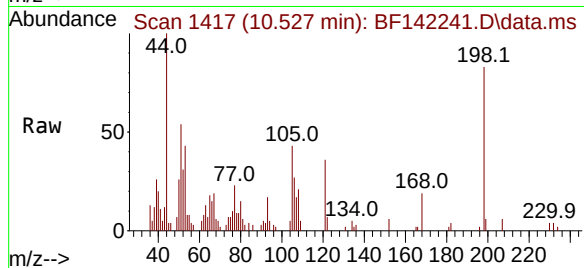




#65
4,6-Dinitro-2-methylphenol
Concen: 13.263 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.007 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

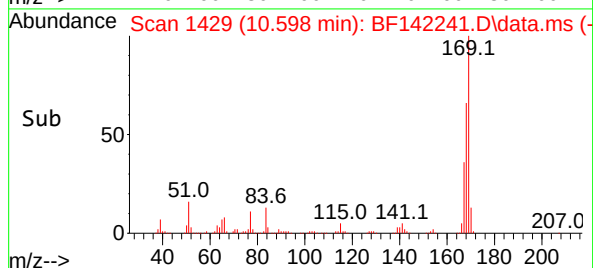
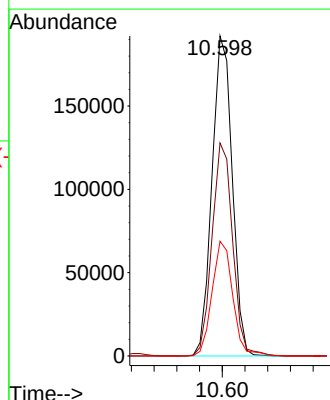
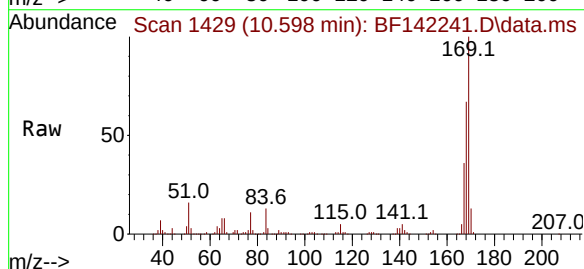
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

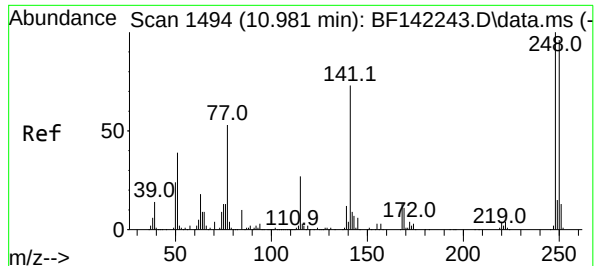
Tgt Ion:198 Resp: 7762
Ion Ratio Lower Upper
198 100
51 65.4 40.6 80.6
105 52.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 10.042 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:169 Resp: 237471
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.9 28.8 43.2

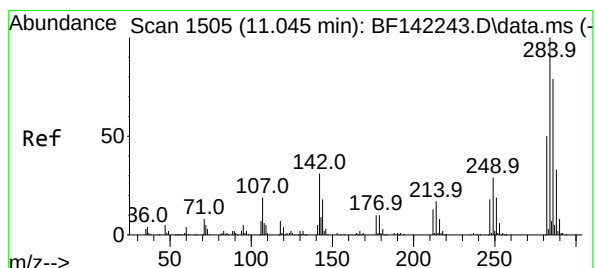
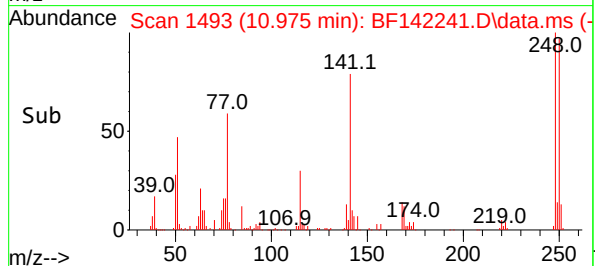
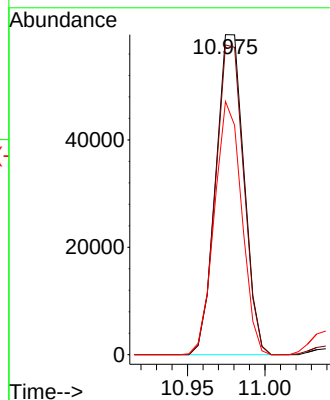
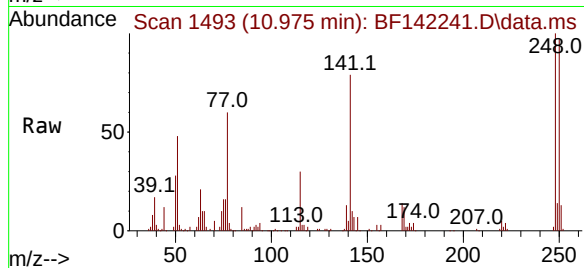




#67
4-Bromophenyl-phenylether
Concen: 9.820 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

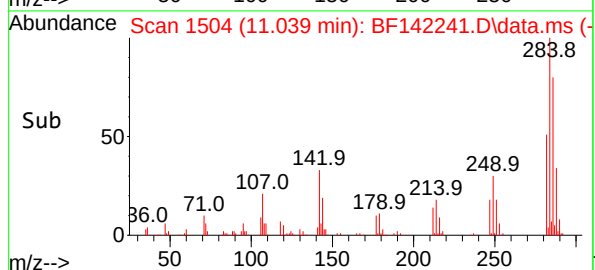
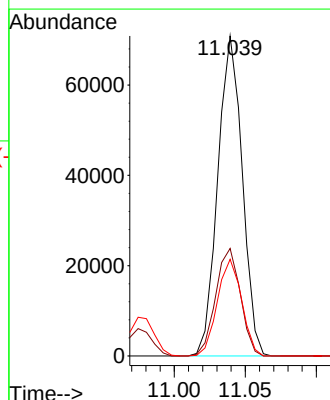
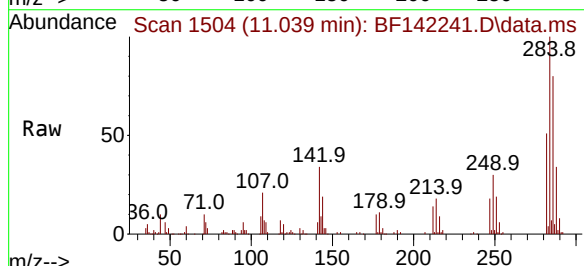
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

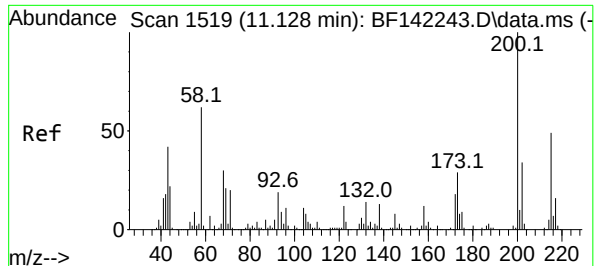
Tgt Ion:248 Resp: 75692
Ion Ratio Lower Upper
248 100
250 96.8 77.2 115.8
141 79.1 58.4 87.6



#68
Hexachlorobenzene
Concen: 9.832 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:284 Resp: 84881
Ion Ratio Lower Upper
284 100
142 33.6 24.6 37.0
249 30.2 23.2 34.8





#69

Atrazine

Concen: 9.554 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

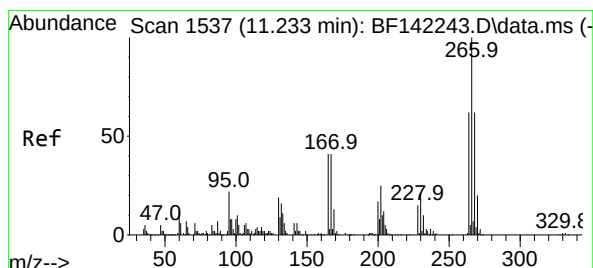
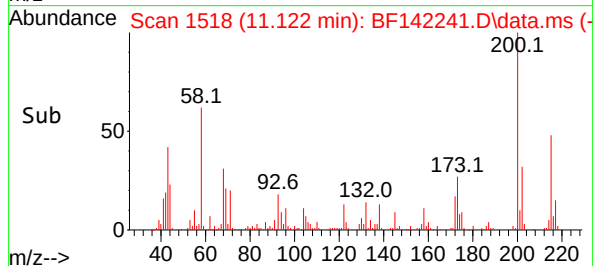
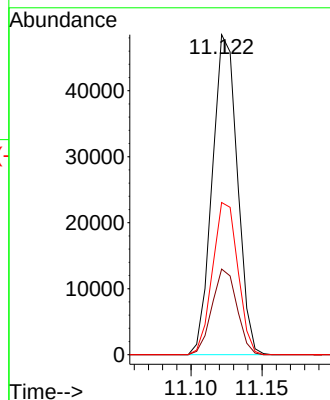
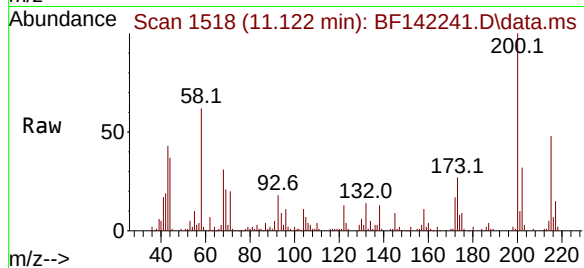
Tgt Ion:200 Resp: 59553

Ion Ratio Lower Upper

200 100

173 26.8 8.6 48.6

215 47.6 28.5 68.5



#70

Pentachlorophenol

Concen: 7.029 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

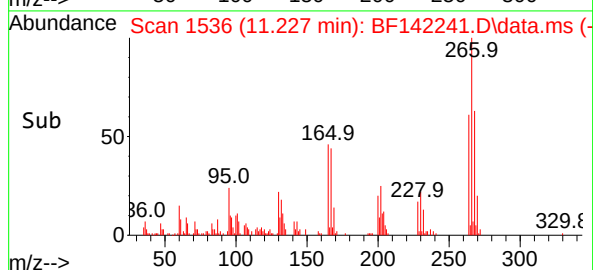
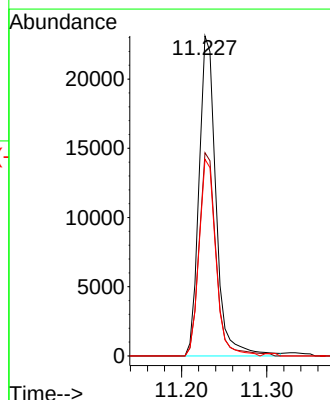
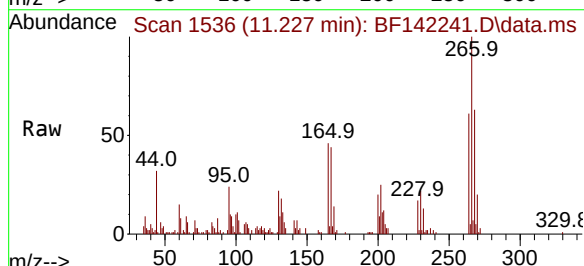
Tgt Ion:266 Resp: 32058

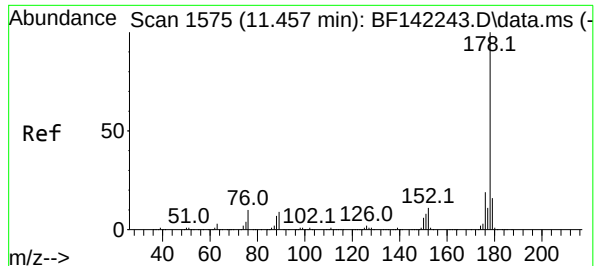
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 61.4 49.3 73.9

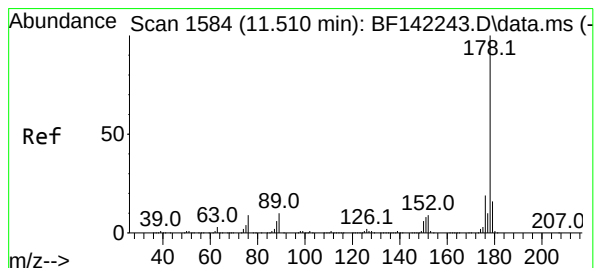
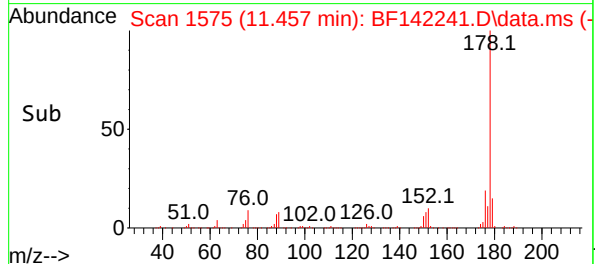
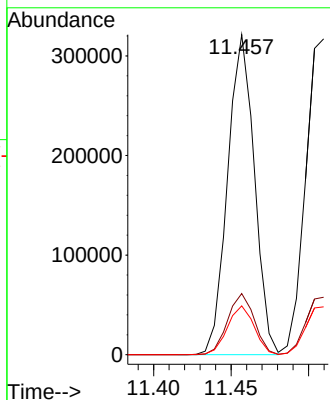
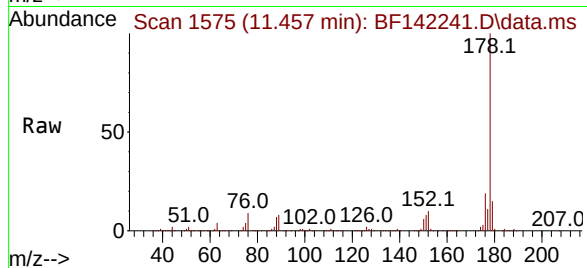




#71
Phenanthrene
Concen: 10.316 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

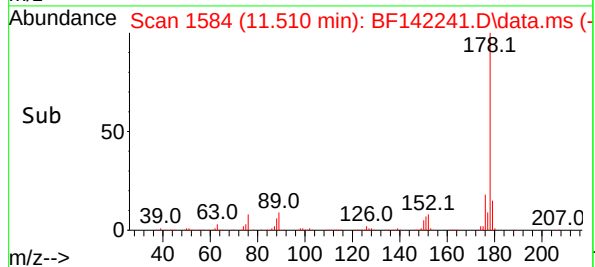
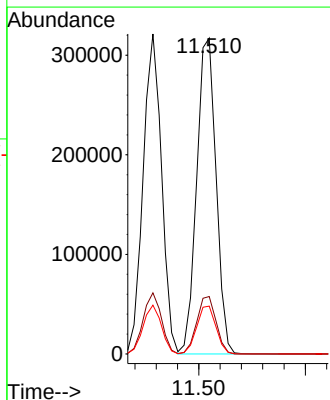
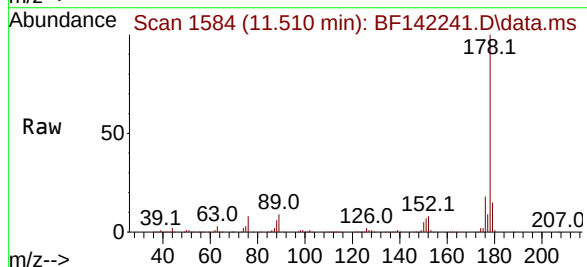
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

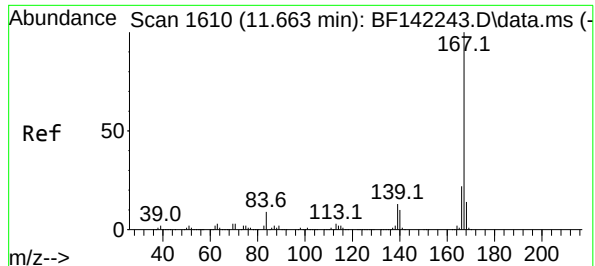
Tgt Ion:178 Resp: 385677
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.6 19.0



#72
Anthracene
Concen: 10.509 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:178 Resp: 401700
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 15.1 12.7 19.1

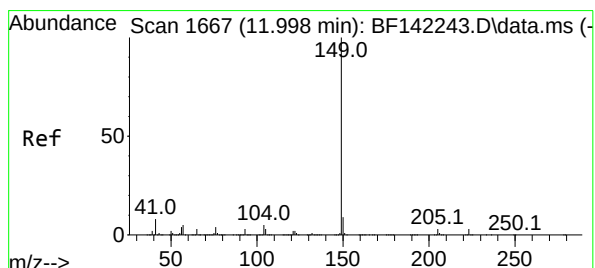
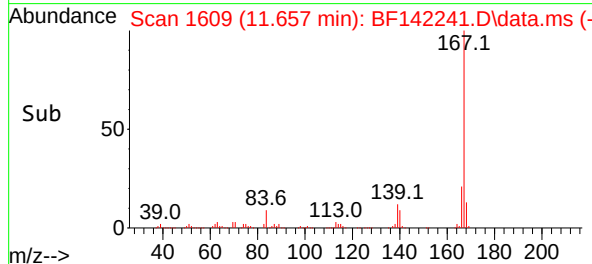
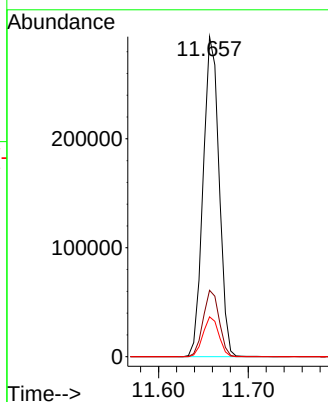
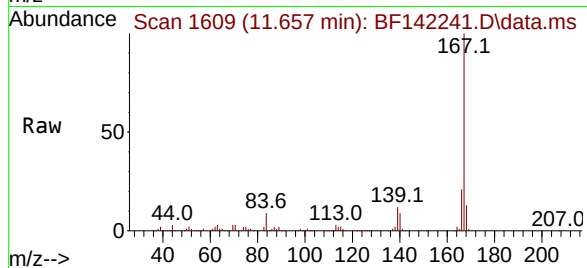




#73
Carbazole
Concen: 10.389 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

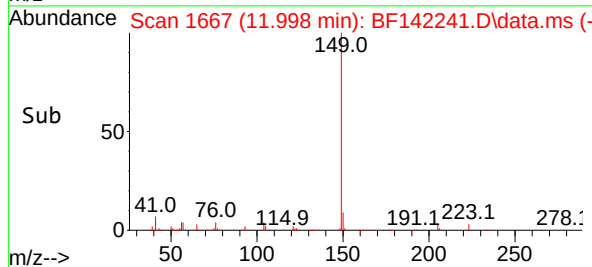
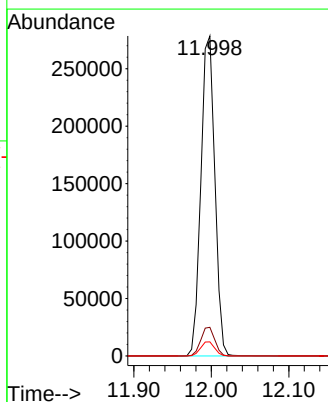
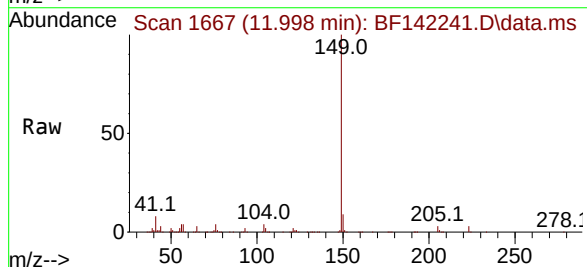
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

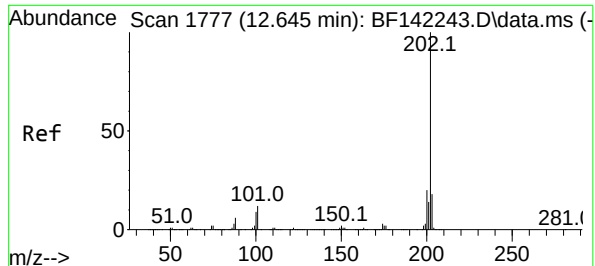
Tgt Ion:167 Resp: 362249
Ion Ratio Lower Upper
167 100
166 20.7 17.3 25.9
139 12.5 10.3 15.5



#74
Di-n-butylphthalate
Concen: 9.927 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:149 Resp: 348111
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.4 3.6 5.4

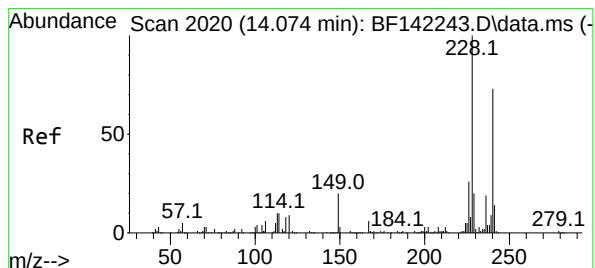
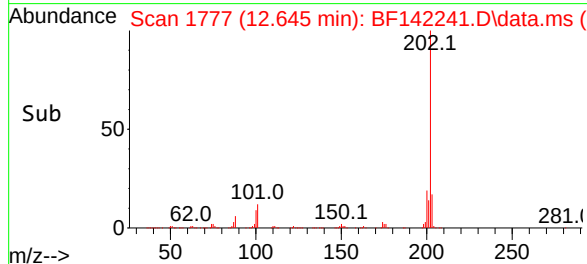
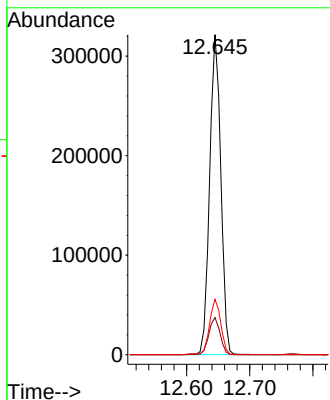
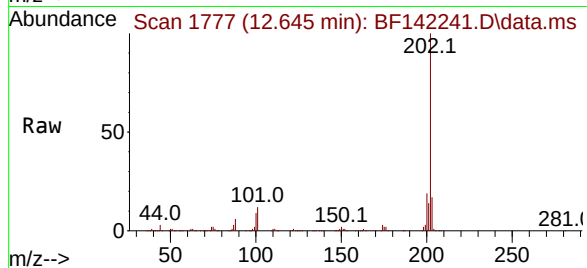




#75
Fluoranthene
Concen: 10.709 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

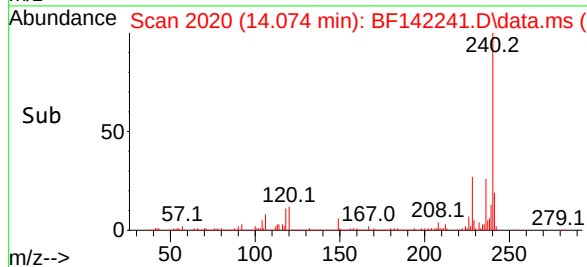
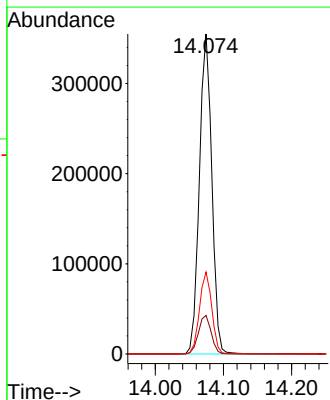
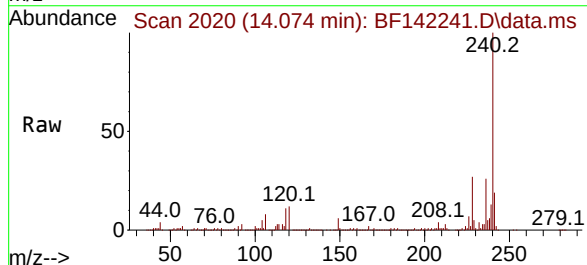
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

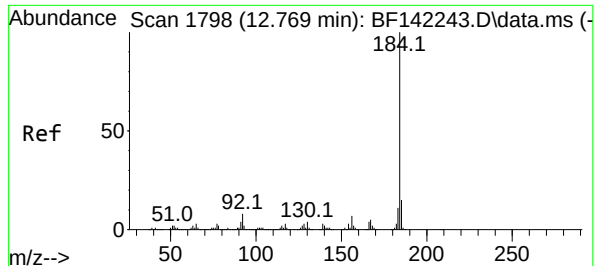
Tgt Ion:202 Resp: 395757
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:240 Resp: 449534
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 25.6 20.5 30.7

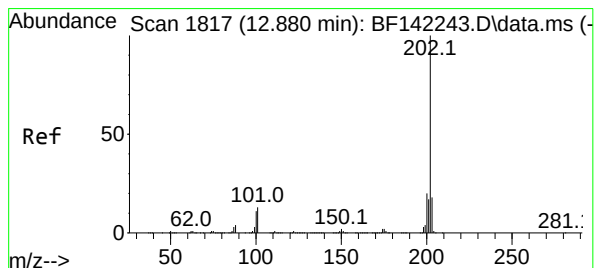
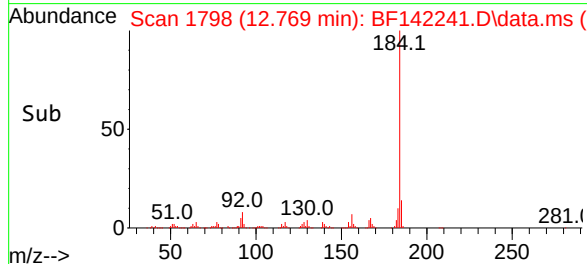
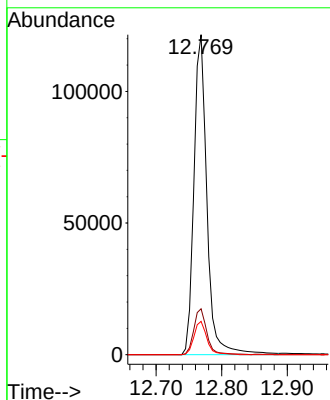
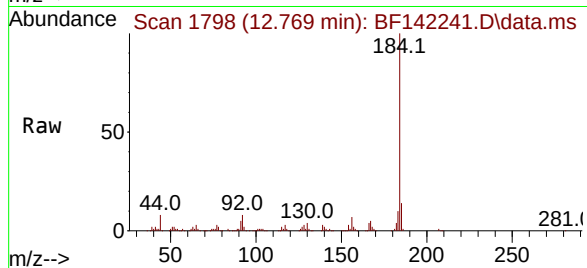




#77
Benzidine
Concen: 8.797 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

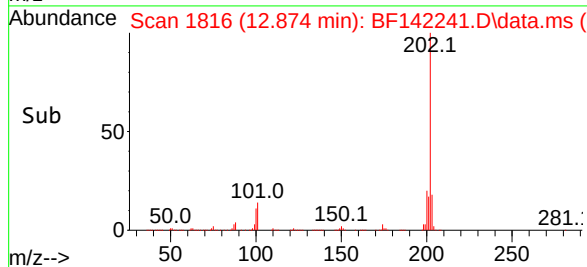
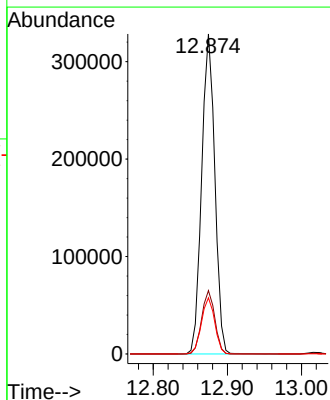
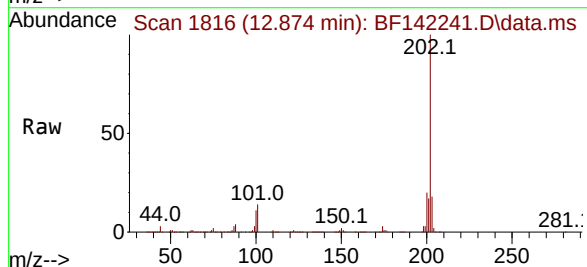
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

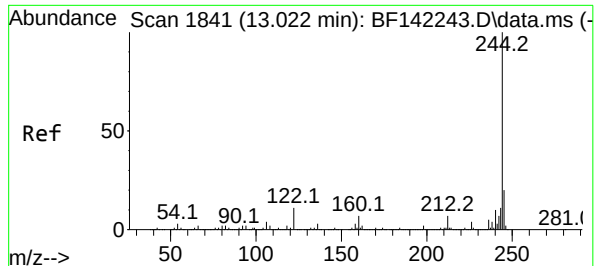
Tgt Ion:184 Resp: 168038
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 10.4 8.9 13.3



#78
Pyrene
Concen: 9.763 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:202 Resp: 404860
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 20.552 ng

RT: 13.016 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

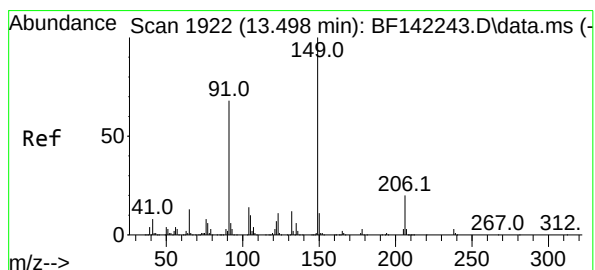
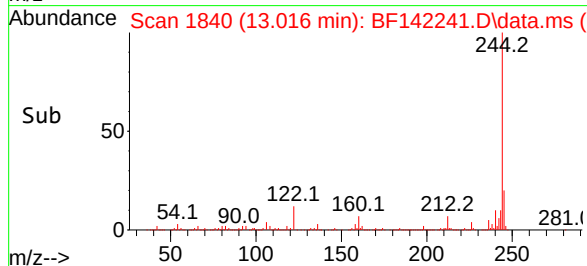
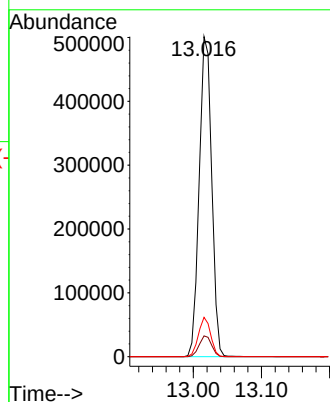
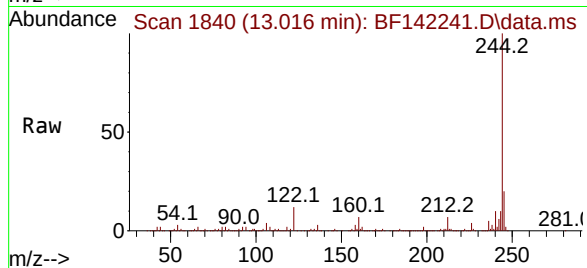
Tgt Ion:244 Resp: 635233

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 12.3 9.1 13.7



#80

Butylbenzylphthalate

Concen: 9.084 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

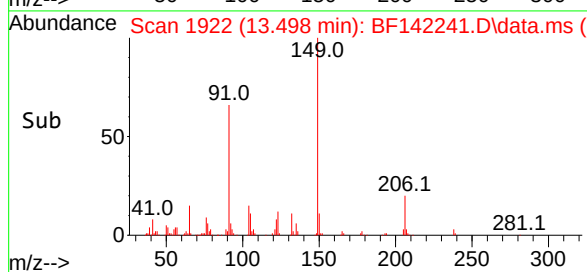
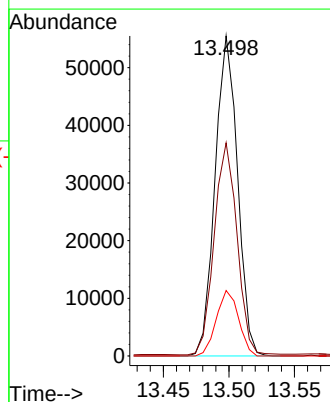
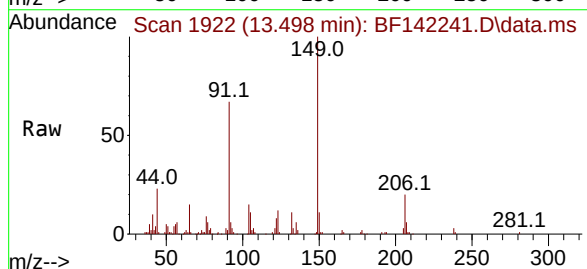
Tgt Ion:149 Resp: 65964

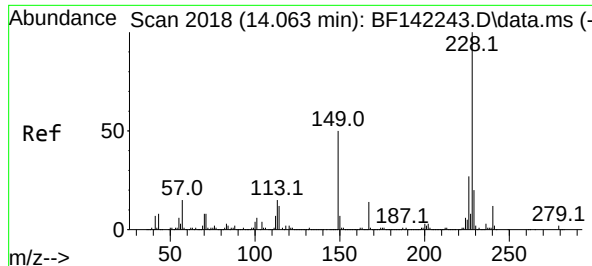
Ion Ratio Lower Upper

149 100

91 66.6 54.4 81.6

206 20.5 15.9 23.9

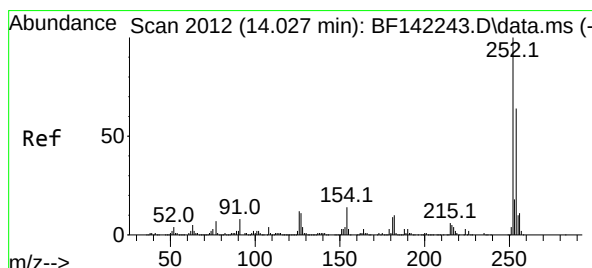
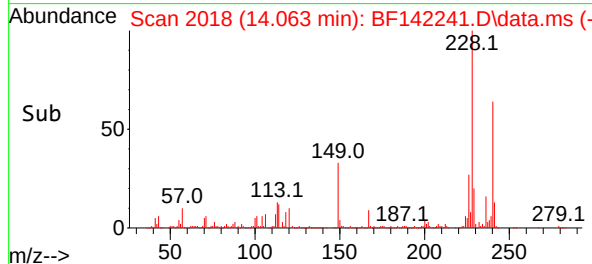
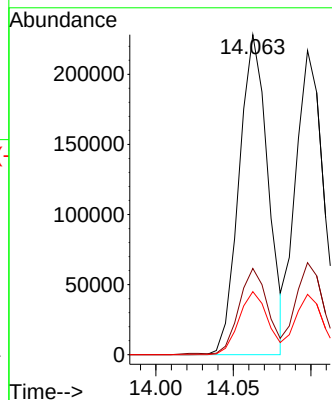
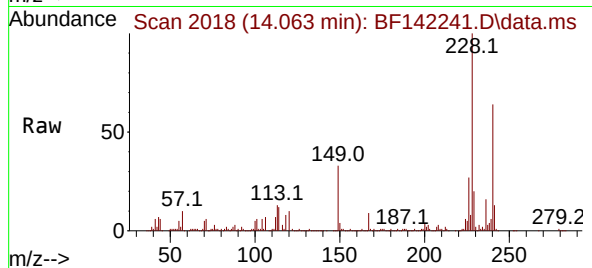




#81
Benzo(a)anthracene
Concen: 9.832 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

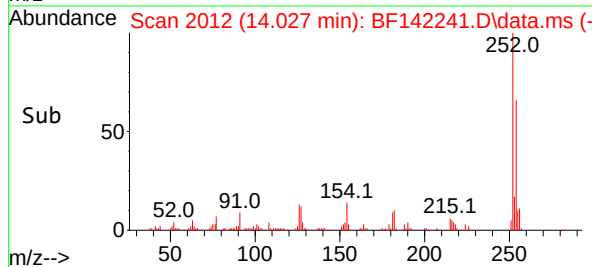
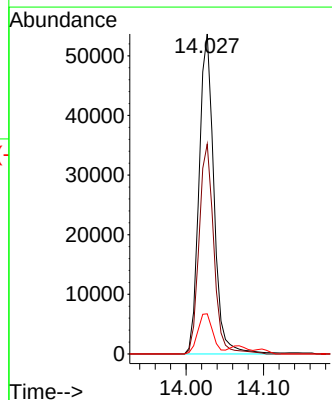
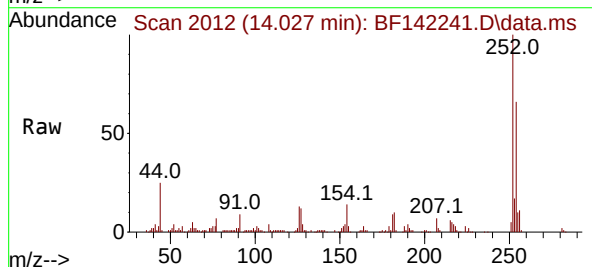
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

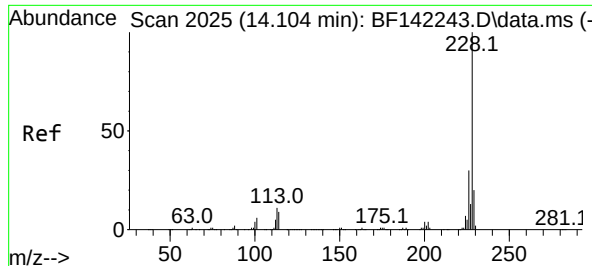
Tgt Ion:228 Resp: 296710
Ion Ratio Lower Upper
228 100
226 27.0 21.9 32.9
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 8.046 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:252 Resp: 71321
Ion Ratio Lower Upper
252 100
254 65.6 51.0 76.6
126 12.5 9.4 14.2





#83

Chrysene

Concen: 9.897 ng

RT: 14.098 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

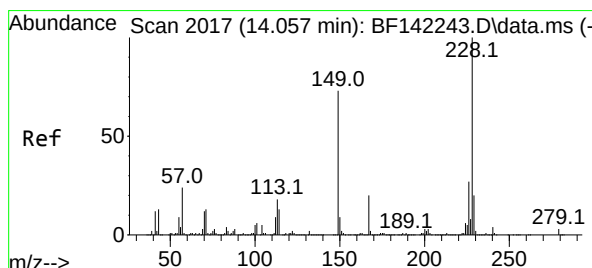
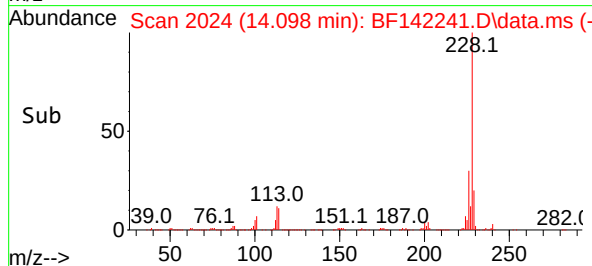
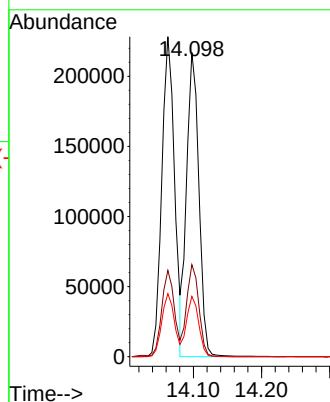
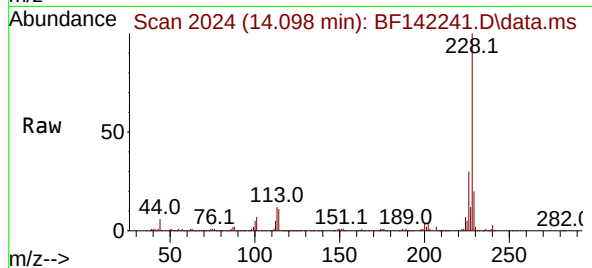
Tgt Ion:228 Resp: 271875

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.409 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

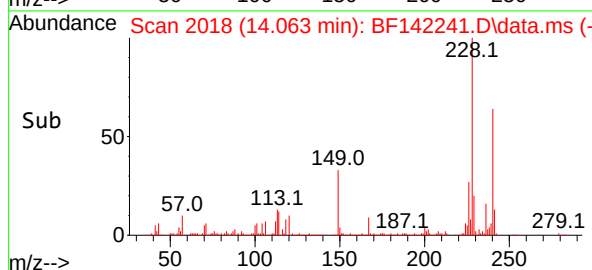
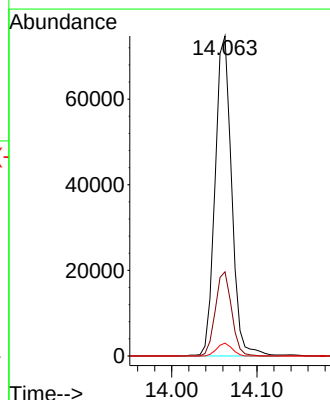
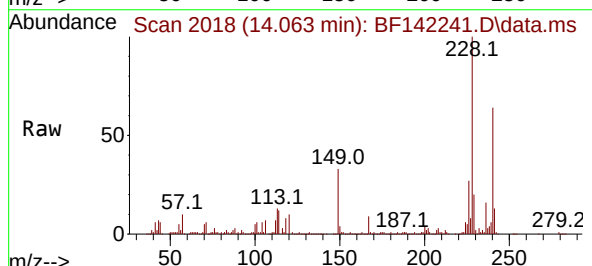
Tgt Ion:149 Resp: 100777

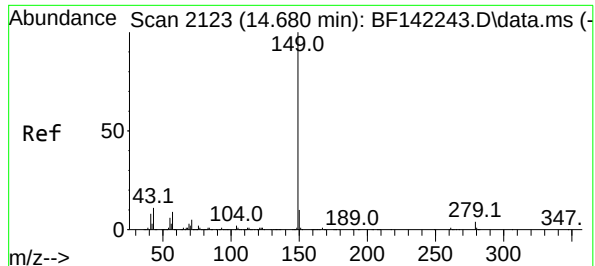
Ion Ratio Lower Upper

149 100

167 26.3 21.7 32.5

279 4.0 3.0 4.4

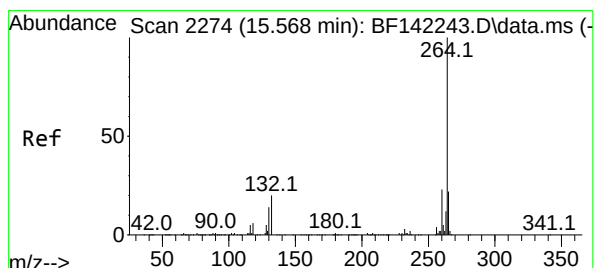
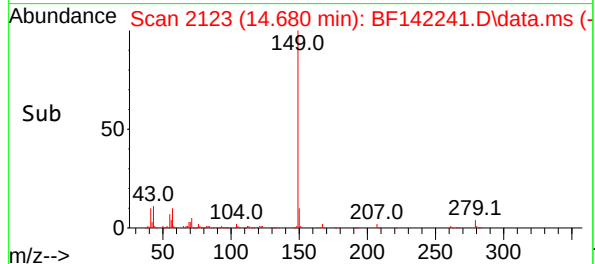
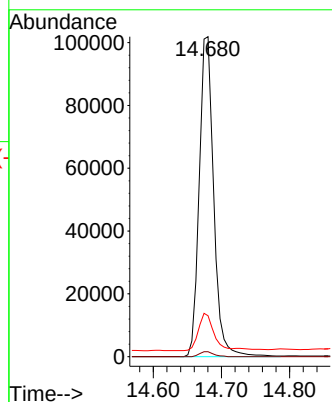
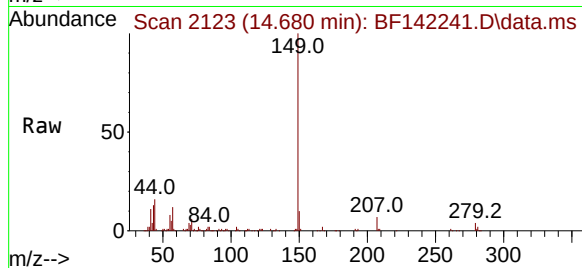




#85
Di-n-octyl phthalate
Concen: 10.622 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

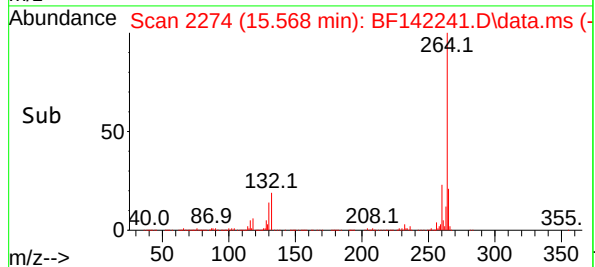
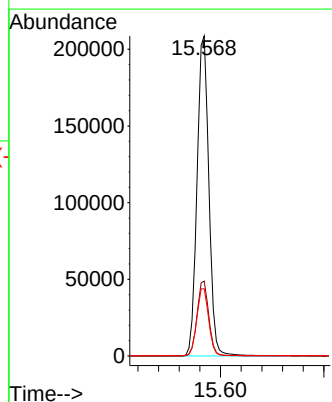
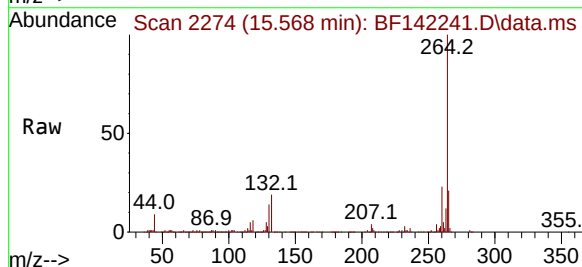
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

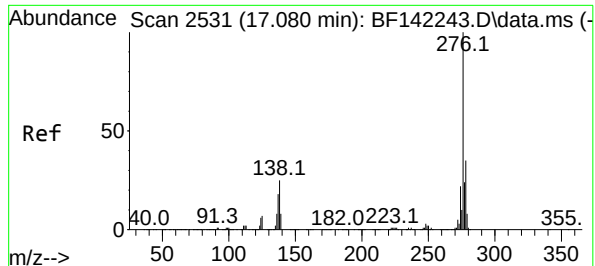
Tgt Ion:149 Resp: 150072
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.1 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:264 Resp: 332067
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.0 17.3 25.9

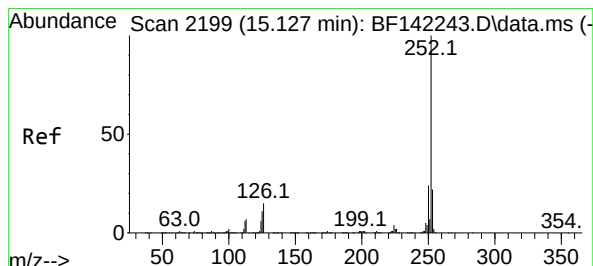
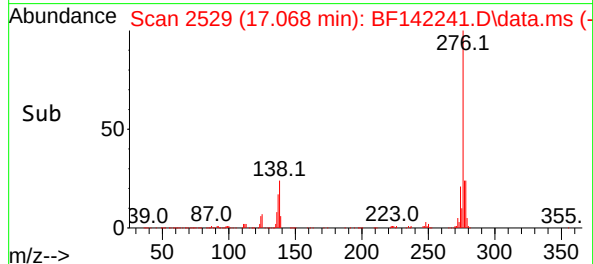
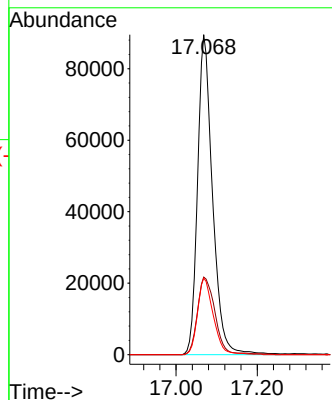
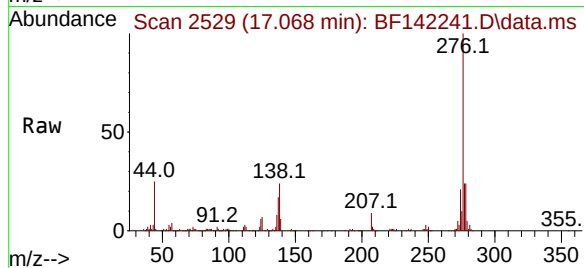




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.449 ng
RT: 17.068 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

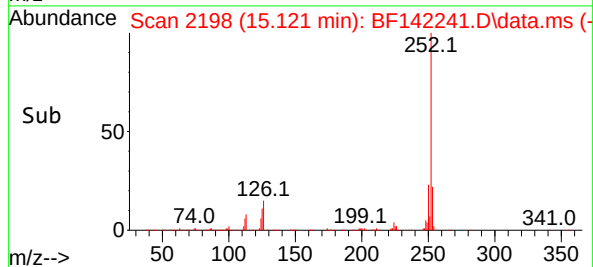
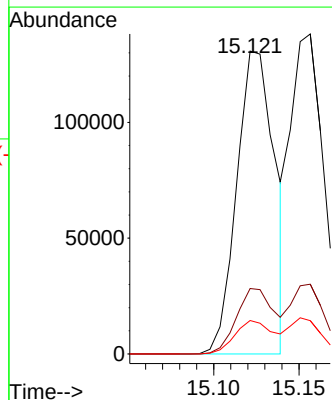
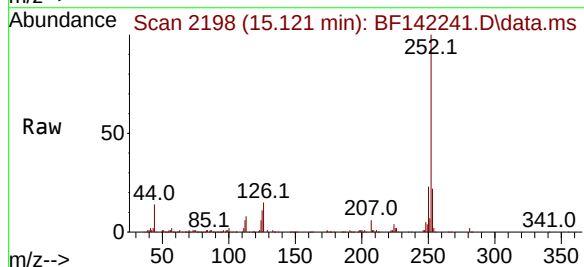
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

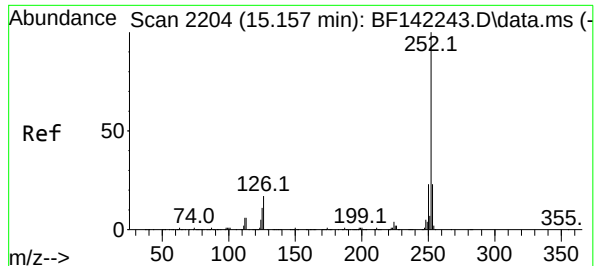
Tgt Ion:276 Resp: 229818
Ion Ratio Lower Upper
276 100
138 28.5 22.6 33.8
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 9.823 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142241.D
Acq: 30 Apr 2025 12:20

Tgt Ion:252 Resp: 202615
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.1 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 10.203 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

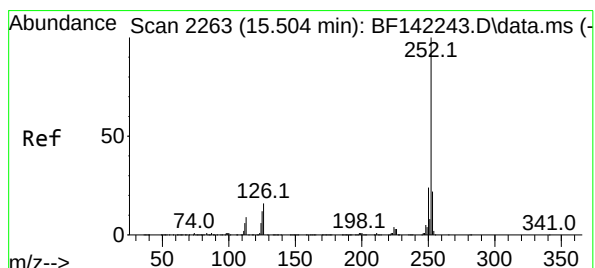
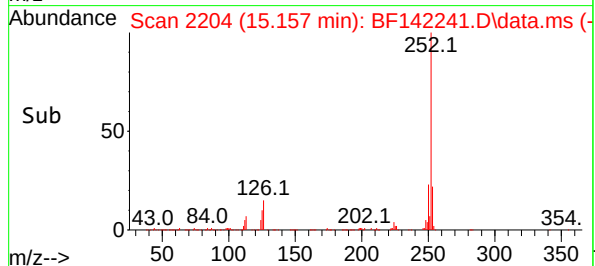
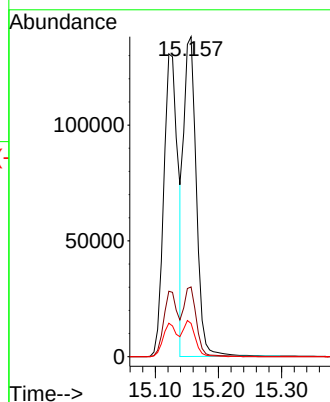
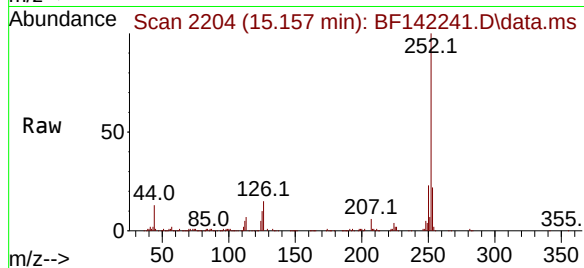
Tgt Ion:252 Resp: 192500

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.4 9.0 13.6



#90

Benzo(a)pyrene

Concen: 9.651 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

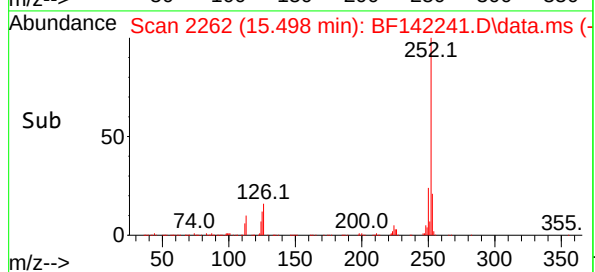
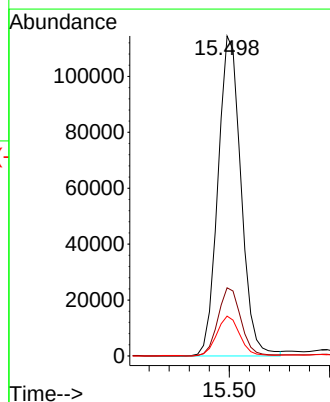
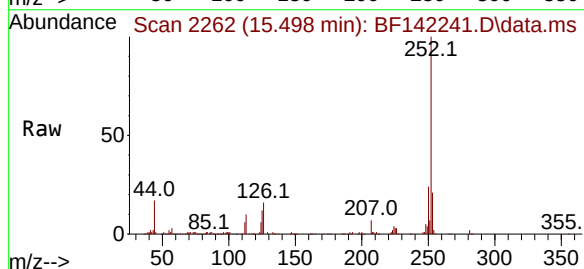
Tgt Ion:252 Resp: 182258

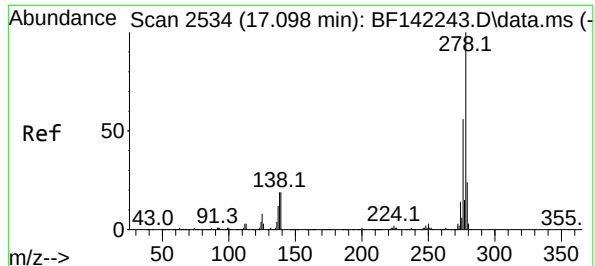
Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 12.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 9.513 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

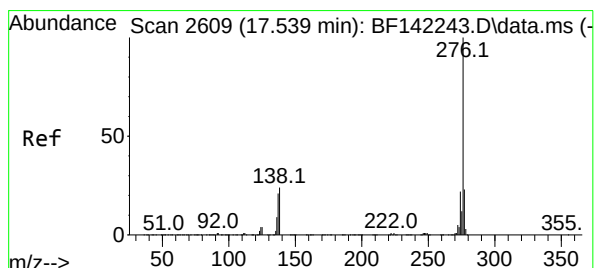
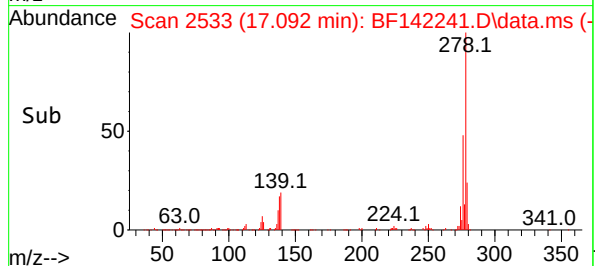
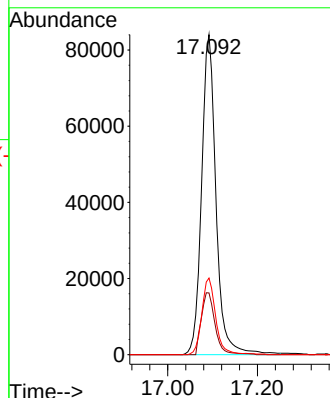
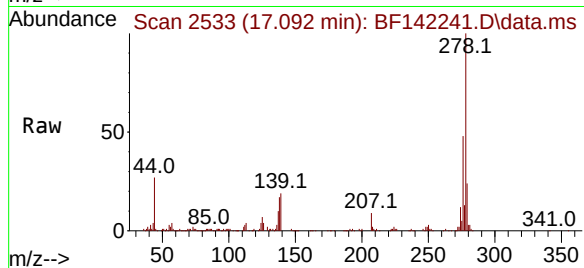
Tgt Ion:278 Resp: 187788

Ion Ratio Lower Upper

278 100

139 19.3 15.2 22.8

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 9.518 ng

RT: 17.521 min Scan# 2606

Delta R.T. -0.018 min

Lab File: BF142241.D

Acq: 30 Apr 2025 12:20

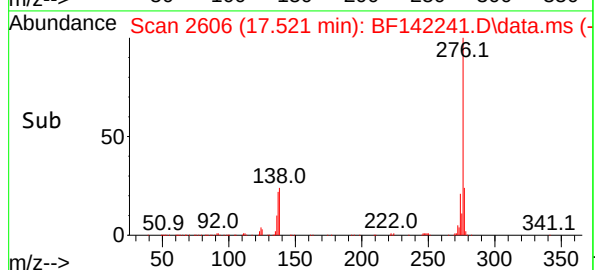
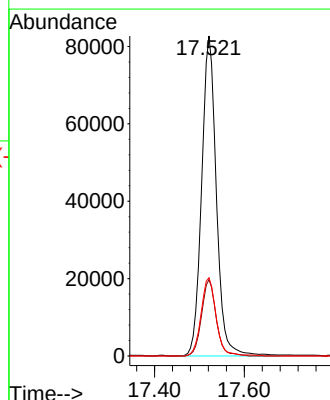
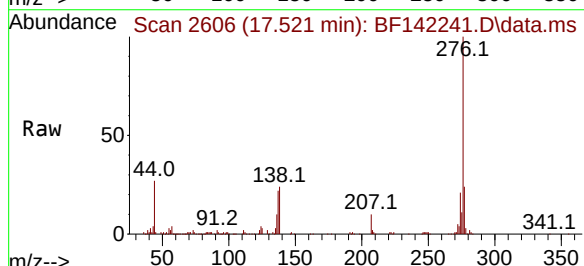
Tgt Ion:276 Resp: 188891

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 24.4 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 15:28:40 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	64656m	19.412	ng	
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142242.D
 Acq On : 30 Apr 2025 12:49
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:42:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng	99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng	99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng	98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng	97
49) Acenaphthylene	9.810	152	807654	20.749	ng	99
50) Dimethylphthalate	9.663	163	518802	20.334	ng	100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng	93
52) Acenaphthene	9.981	154	460927	20.281	ng	100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng	# 95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng	# 1
55) Dibenzofuran	10.151	168	698155	20.493	ng	100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng	97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng	95
58) Fluorene	10.492	166	538647	20.793	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng	99
60) Diethylphthalate	10.363	149	519294	20.611	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng	99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng	97
63) Azobenzene	10.645	77	508482	20.438	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng	98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng	99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng	97
69) Atrazine	11.128	200	126444	20.665	ng	99
70) Pentachlorophenol	11.228	266	81929	18.301	ng	99
71) Phenanthrene	11.457	178	760476	20.723	ng	99
72) Anthracene	11.510	178	782215	20.848	ng	99
73) Carbazole	11.657	167	720775	21.059	ng	99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng	99
75) Fluoranthene	12.645	202	784880	21.636	ng	100
77) Benzidine	12.769	184	381034	20.837	ng	99
78) Pyrene	12.875	202	795806	20.046	ng	100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng	99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng	100
83) Chrysene	14.098	228	537388	20.435	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng	100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng	99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng	98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng	98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng	98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng	100

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

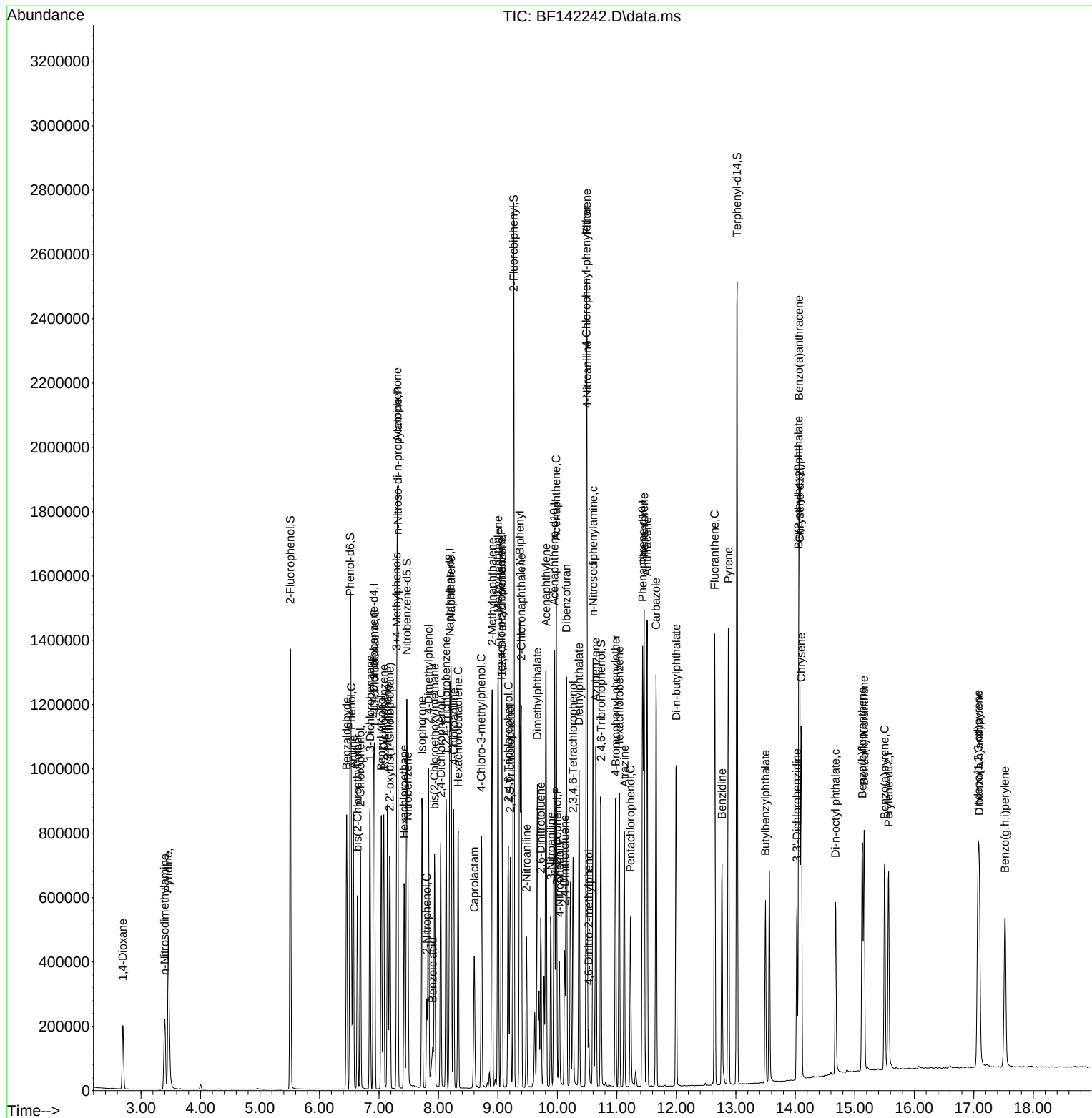
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

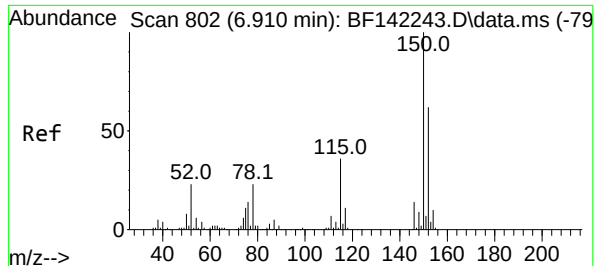
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

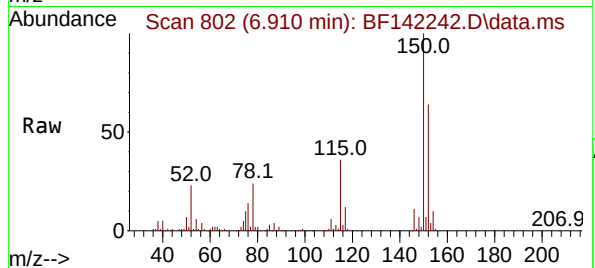
Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

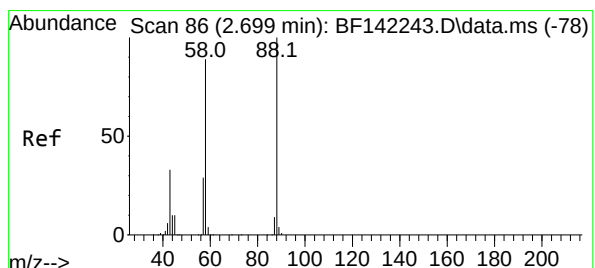
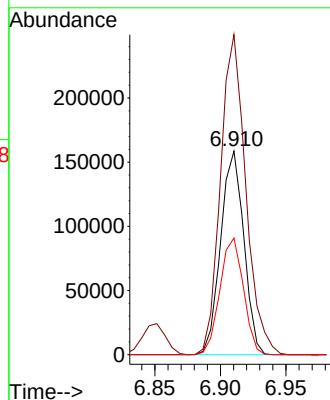
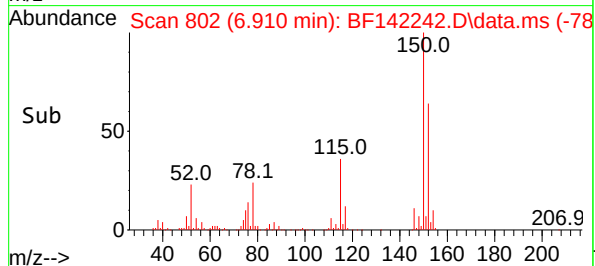
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 19464
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 57.3 47.0 70.4

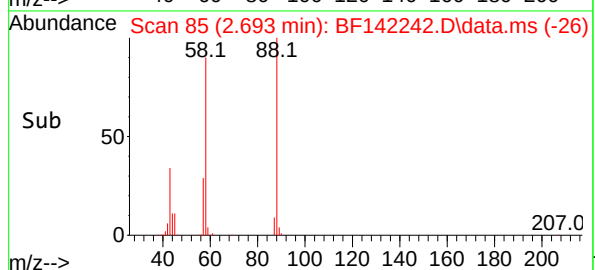
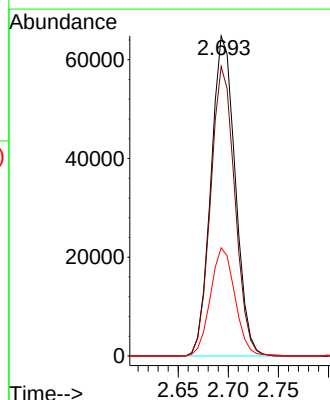
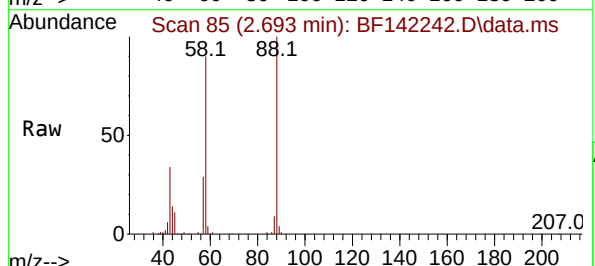
Manual Integrations
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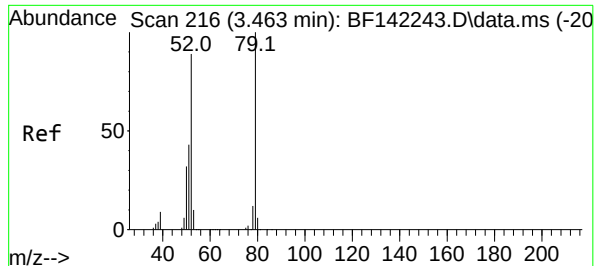
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 20.062 ng
RT: 2.693 min Scan# 85
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion: 88 Resp: 109201
Ion Ratio Lower Upper
88 100
58 90.0 72.2 108.2
43 34.2 27.0 40.6





#3

Pyridine

Concen: 20.004 ng

RT: 3.458 min Scan# 216

Delta R.T. -0.006 min

Lab File: BF142242.D

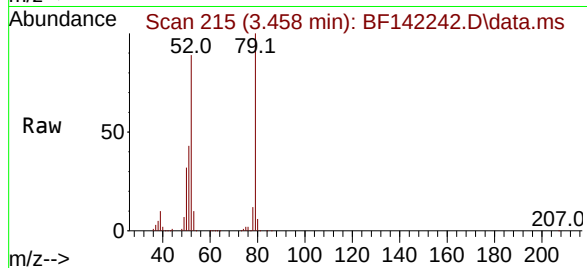
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



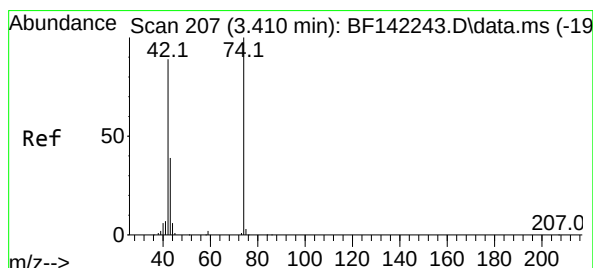
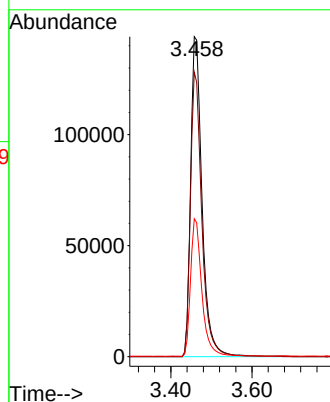
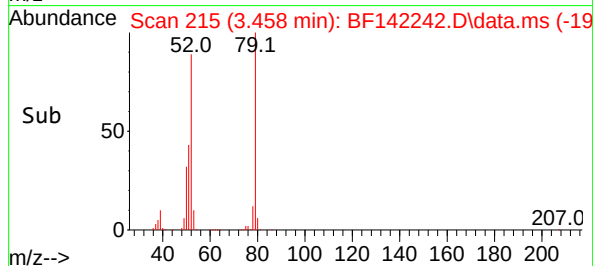
Tgt Ion:	79	Resp:	28298
Ion	Ratio	Lower	Upper
79	100		
52	89.0	71.5	107.3
51	43.1	34.5	51.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

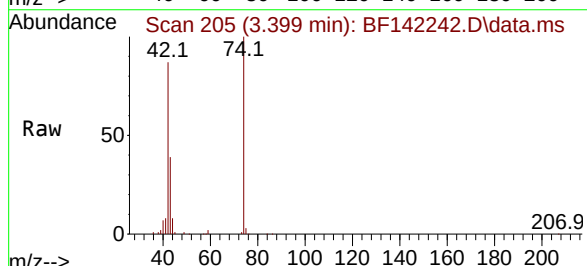
Concen: 19.361 ng

RT: 3.399 min Scan# 205

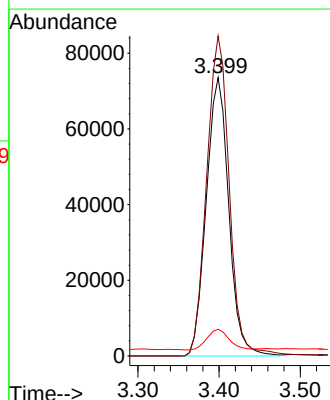
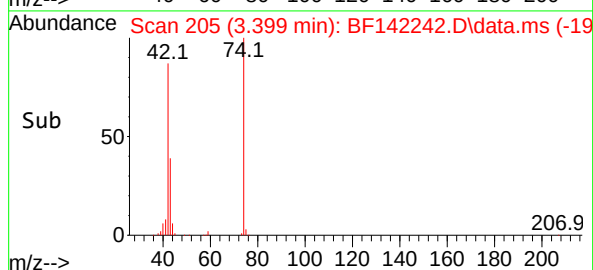
Delta R.T. -0.012 min

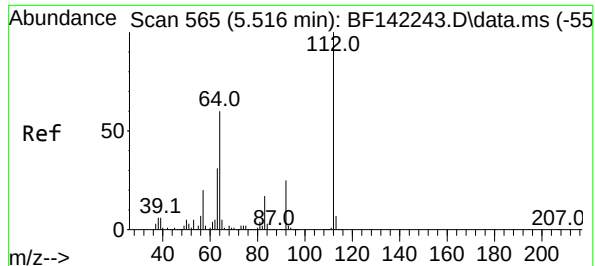
Lab File: BF142242.D

Acq: 30 Apr 2025 12:49



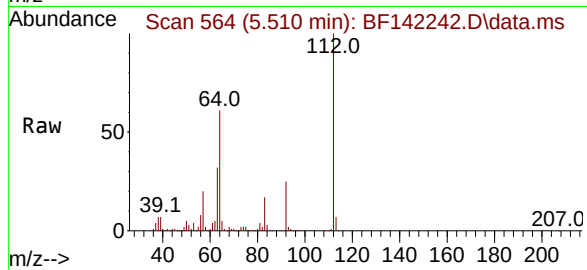
Tgt Ion:	42	Resp:	141737
Ion	Ratio	Lower	Upper
42	100		
74	114.9	89.5	134.3
44	9.6	6.6	9.8





#5
2-Fluorophenol
Concen: 40.399 ng
RT: 5.510 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

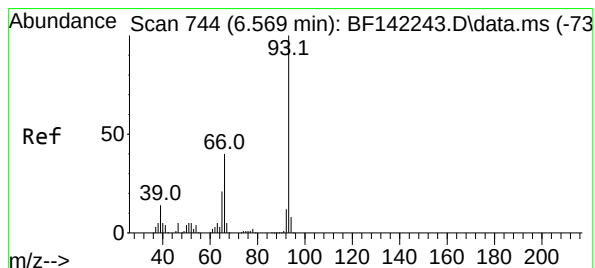
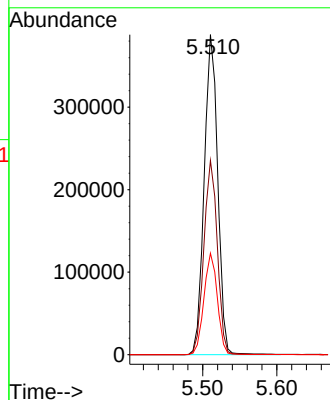
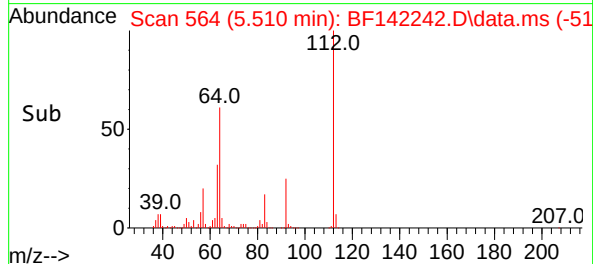
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 492350
Ion Ratio Lower Upper
112 100
64 60.7 48.4 72.6
63 31.7 24.8 37.2

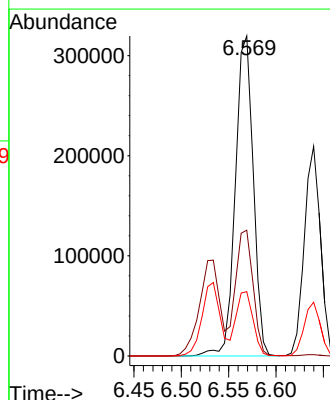
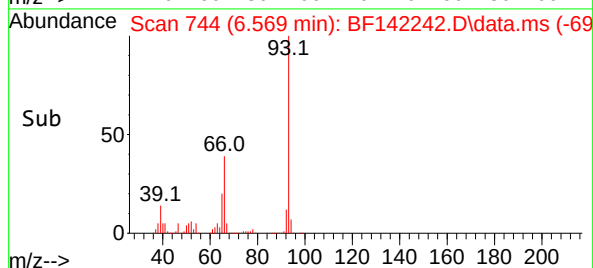
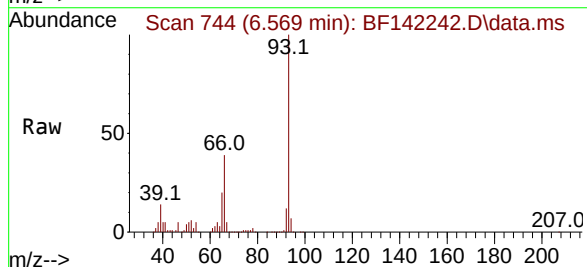
Manual Integrations
APPROVED

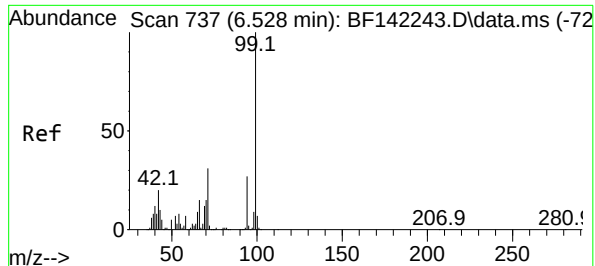
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 20.152 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

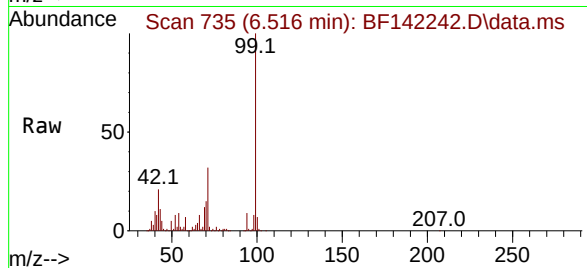
Tgt Ion: 93 Resp: 419797
Ion Ratio Lower Upper
93 100
66 39.3 32.1 48.1
65 20.1 16.6 24.8





#7
Phenol-d6
Concen: 40.580 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

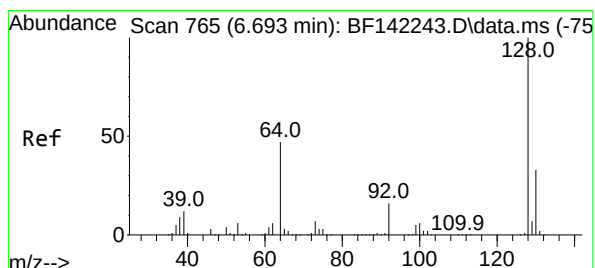
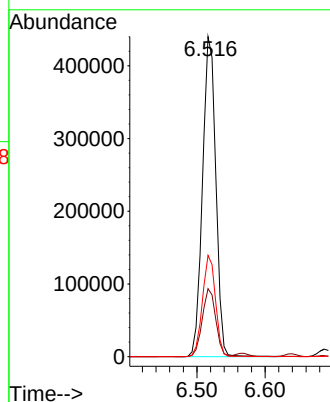
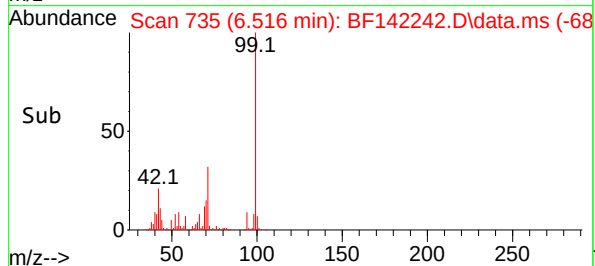
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



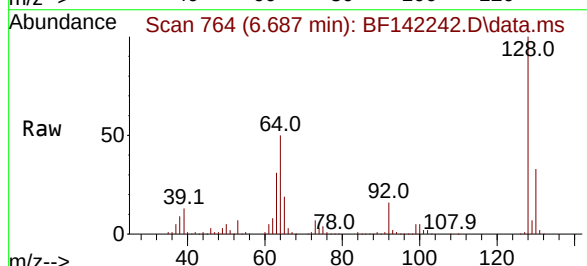
Tgt Ion: 99 Resp: 59722
Ion Ratio Lower Upper
99 100
42 21.3 16.3 24.5
71 31.6 25.0 37.4

Manual Integrations
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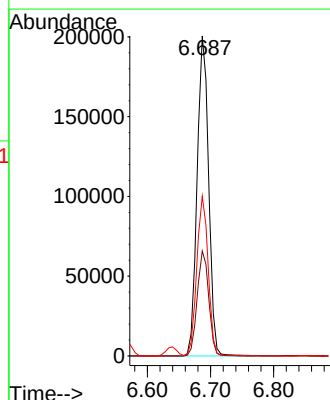
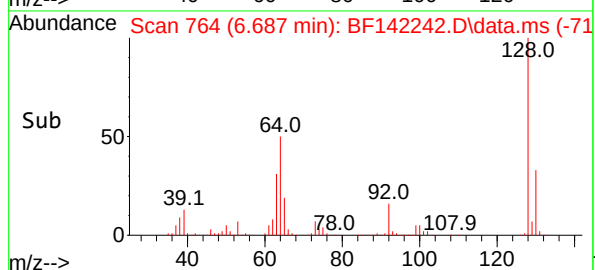
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

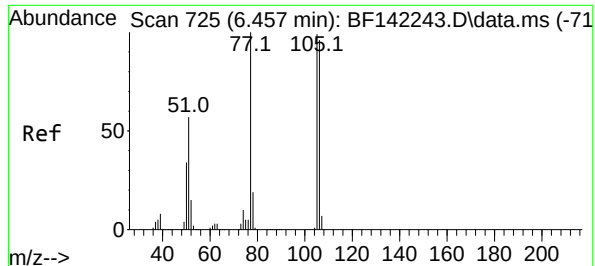


#8
2-Chlorophenol
Concen: 20.156 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:128 Resp: 253840
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 50.0 28.6 68.6





#9

Benzaldehyde

Concen: 20.712 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 213052

Ion Ratio Lower Upper

77 100

105 101.1 79.1 119.1

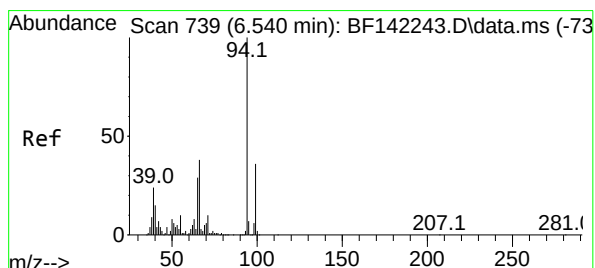
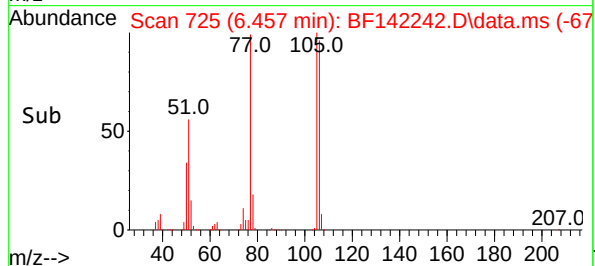
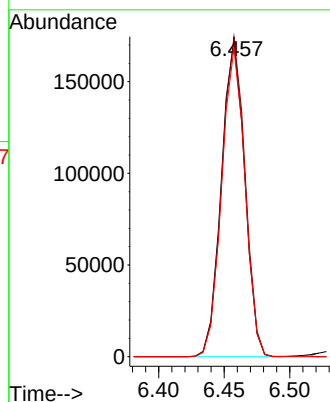
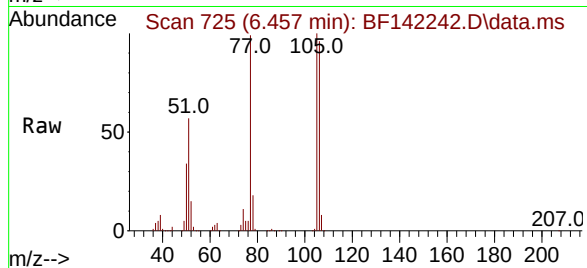
106 97.4 76.0 116.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 20.352 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

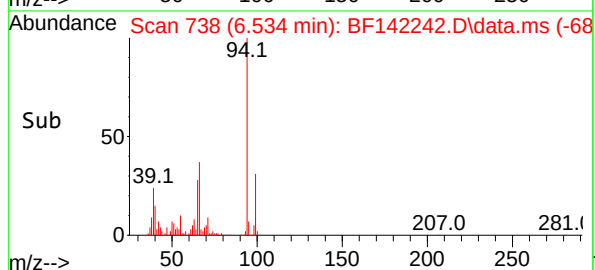
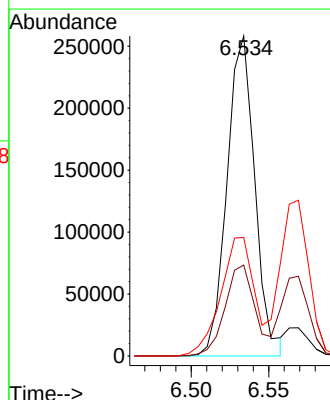
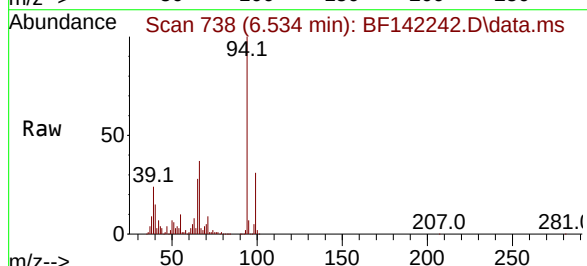
Tgt Ion: 94 Resp: 322435

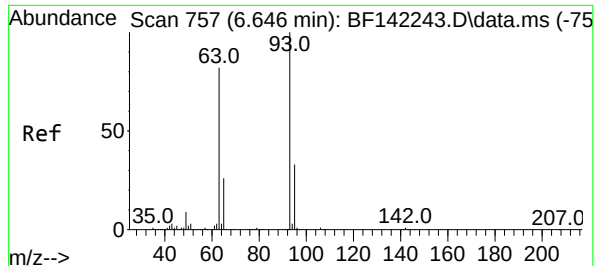
Ion Ratio Lower Upper

94 100

65 28.4 8.9 48.9

66 37.1 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 20.132 ng

RT: 6.640 min Scan# 757

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 247179

Ion Ratio Lower Upper

93 100

63 83.3 62.2 102.2

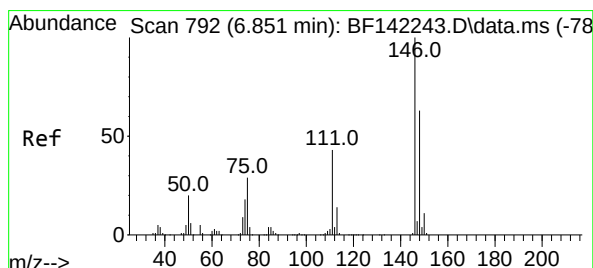
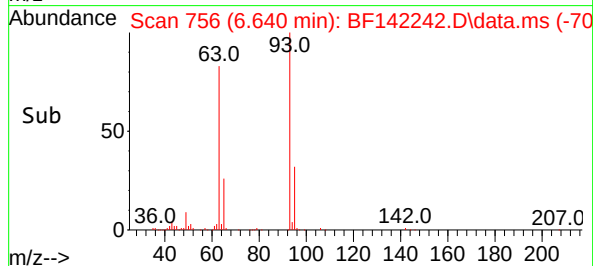
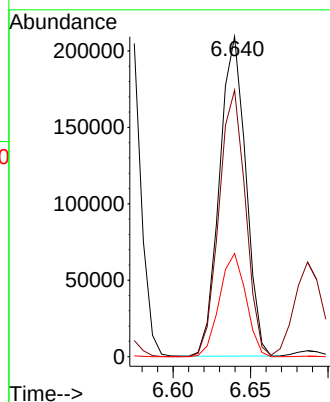
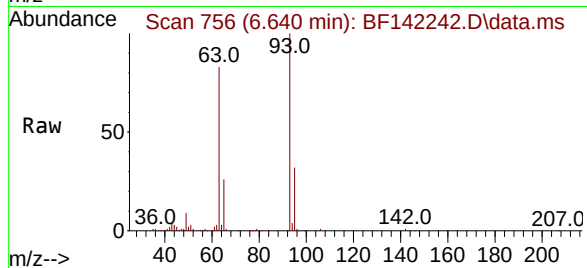
95 32.3 12.7 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#12

1,3-Dichlorobenzene

Concen: 20.294 ng

RT: 6.851 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

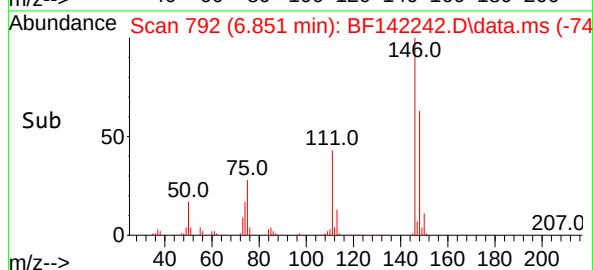
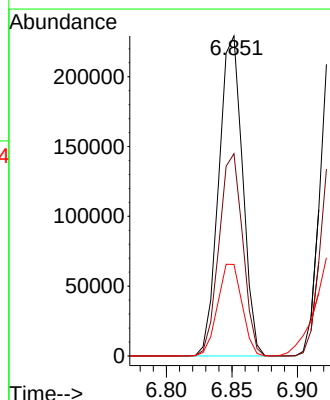
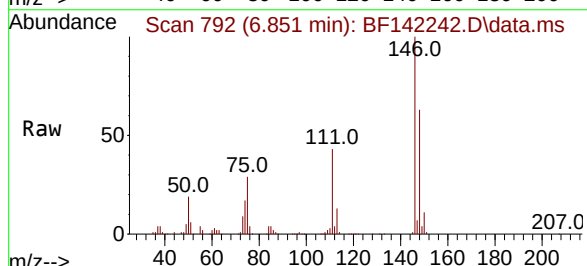
Tgt Ion:146 Resp: 289129

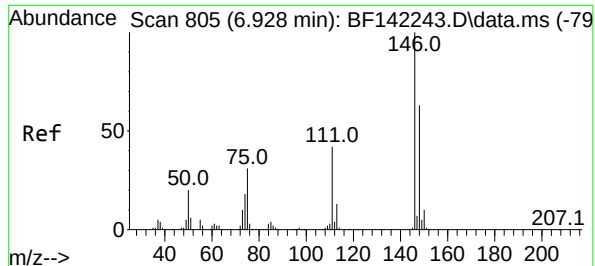
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 28.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 20.268 ng

RT: 6.928 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 29092

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

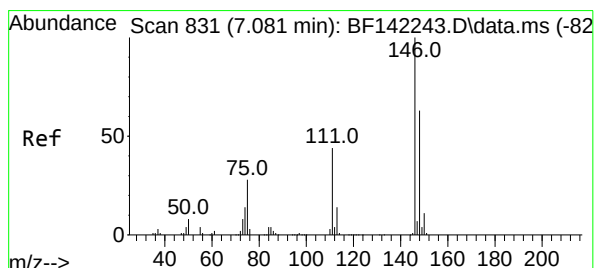
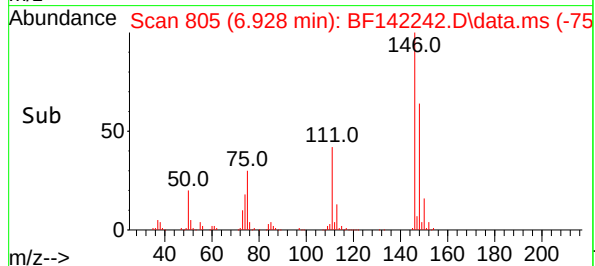
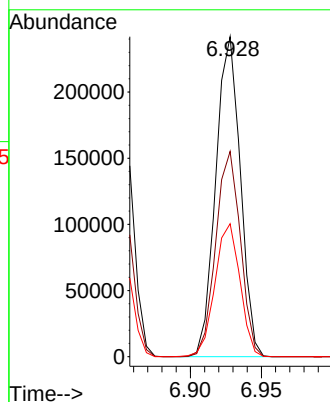
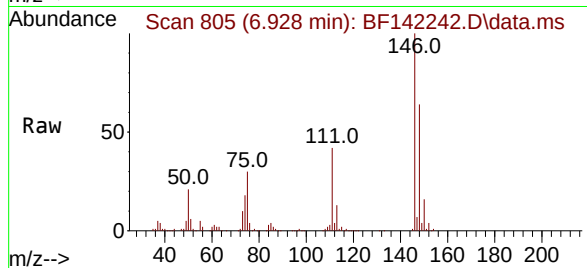
111 41.6 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 20.331 ng

RT: 7.081 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

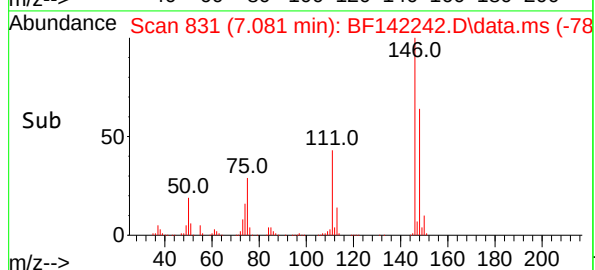
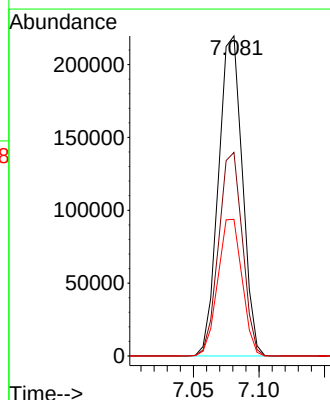
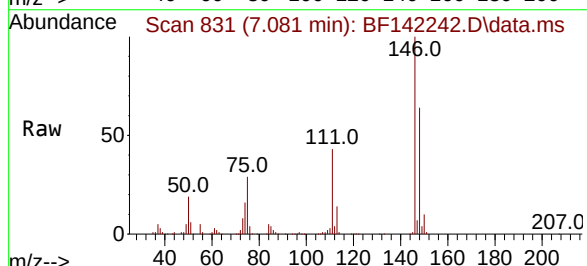
Tgt Ion:146 Resp: 278592

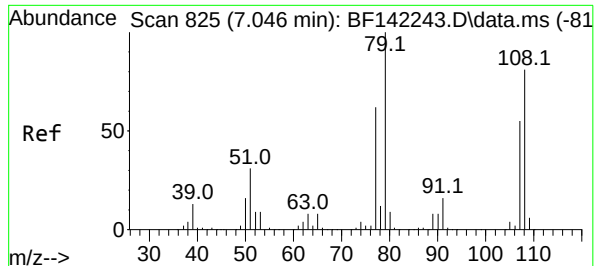
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

111 42.7 34.9 52.3





#15

Benzyl Alcohol

Concen: 19.835 ng

RT: 7.040 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 20704

Ion Ratio Lower Upper

79 100

108 81.7 64.5 96.7

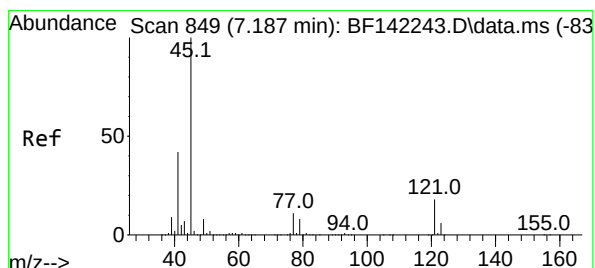
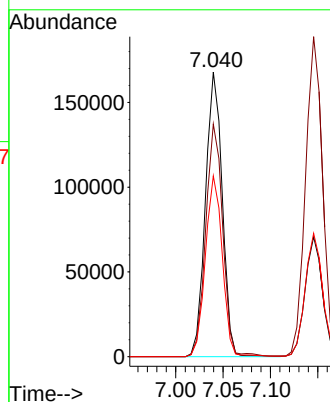
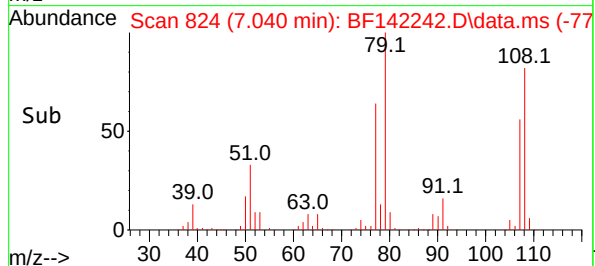
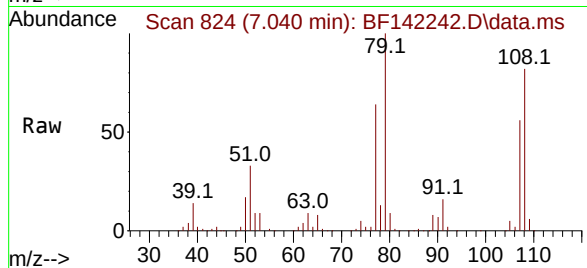
77 63.5 49.2 73.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.218 ng

RT: 7.181 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

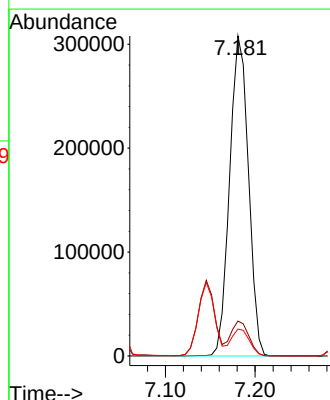
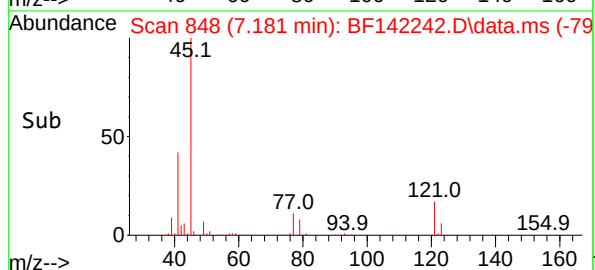
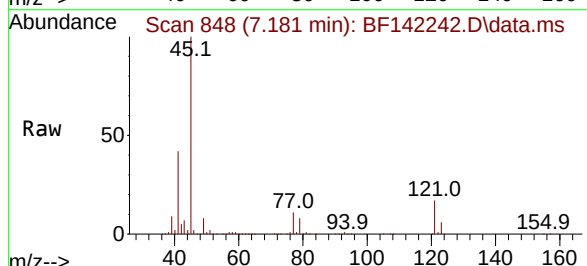
Tgt Ion: 45 Resp: 448250

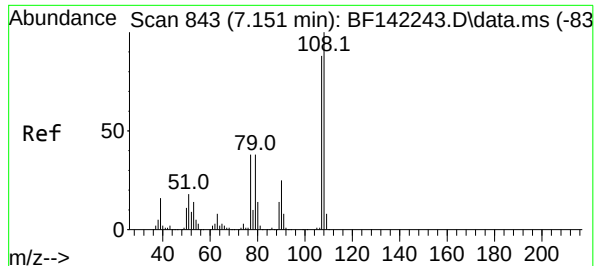
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.3

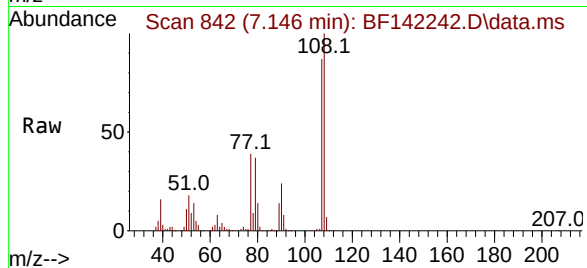
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 20.157 ng
RT: 7.146 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

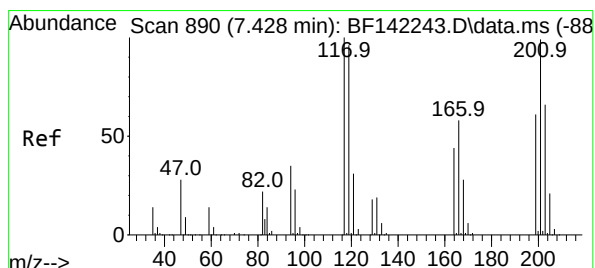
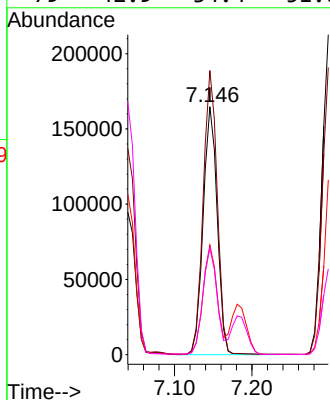
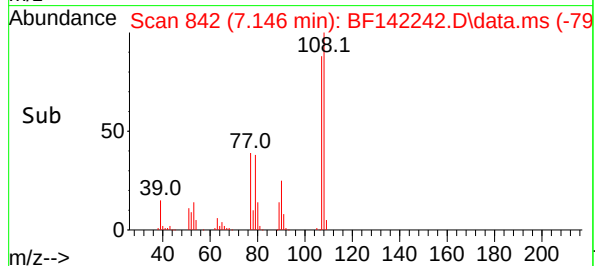
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 20795
Ion Ratio Lower Upper
107 100
108 114.6 91.0 136.4
77 44.2 34.4 51.6
79 42.9 34.4 51.6

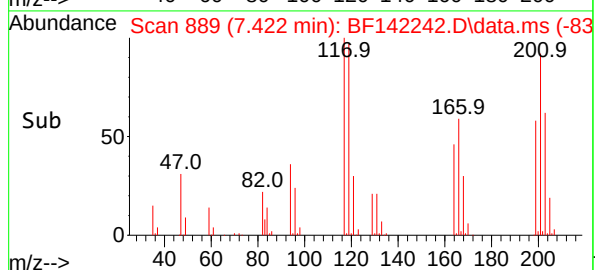
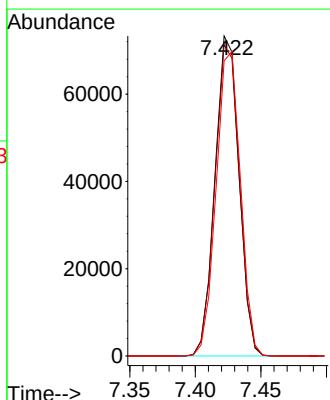
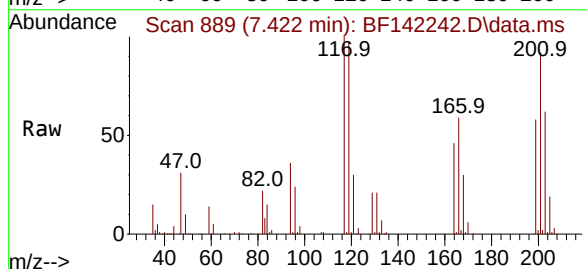
Manual Integrations
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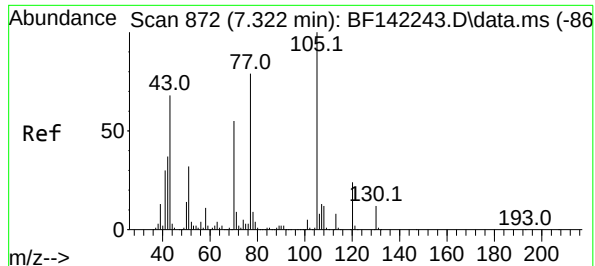
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 19.917 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:117 Resp: 93572
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
201 92.2 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.318 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 184770

Ion Ratio Lower Upper

70 100

42 67.2 53.4 80.2

101 9.2 7.7 11.5

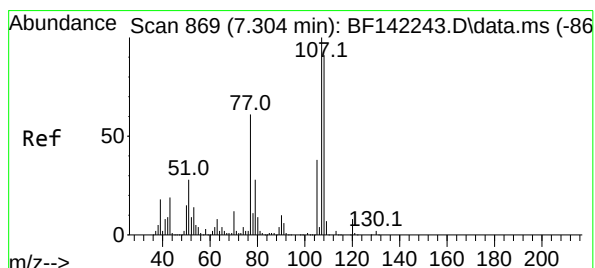
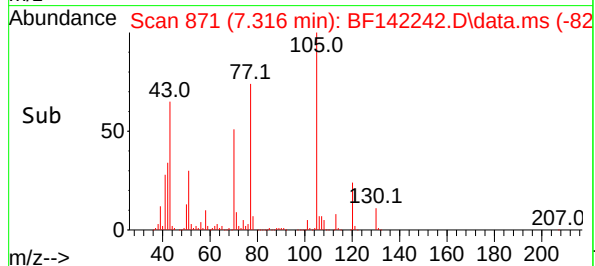
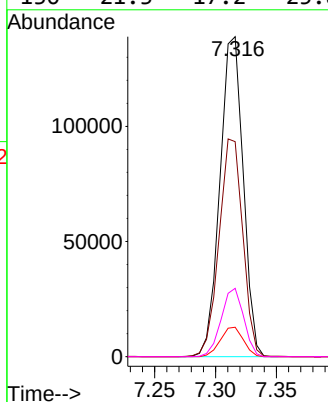
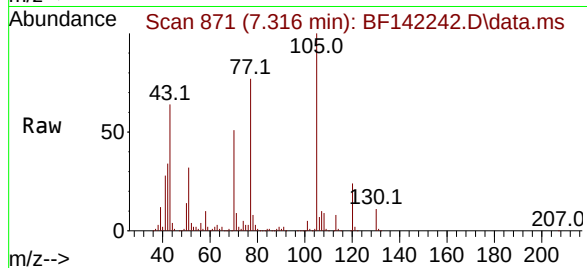
130 21.3 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 20.700 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 267057

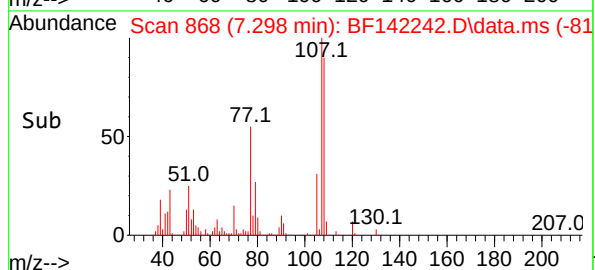
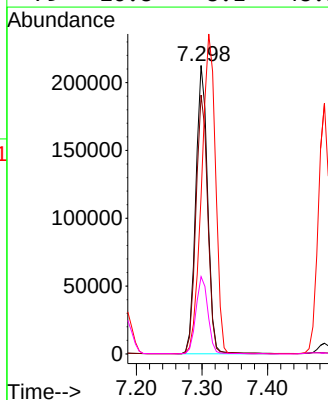
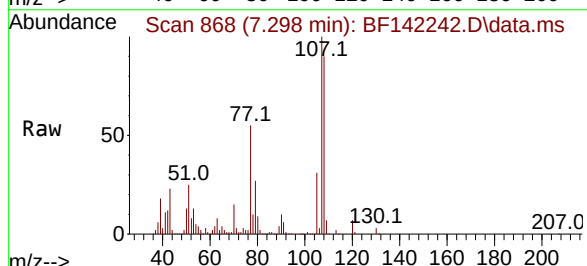
Ion Ratio Lower Upper

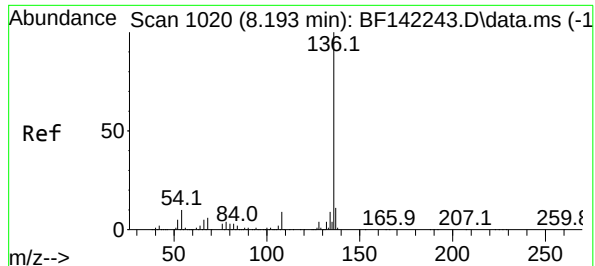
107 100

108 89.7 71.2 111.2

77 54.6 41.1 81.1

79 26.8 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.193 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF142242.D

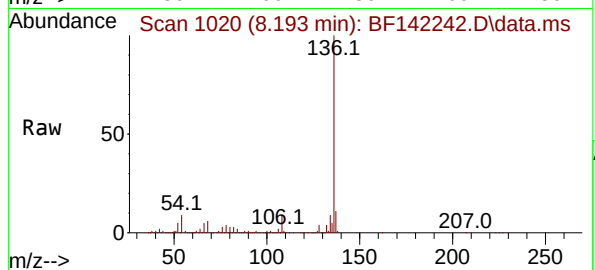
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:136 Resp: 74656

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 7.7 11.5

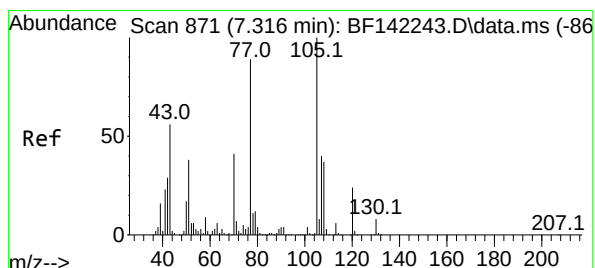
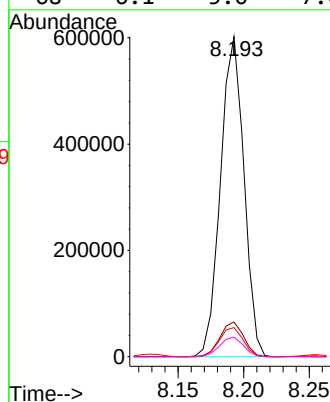
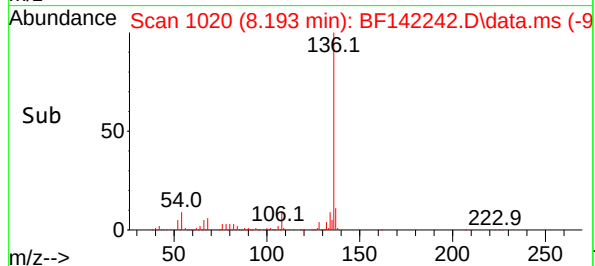
68 6.1 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#22

Acetophenone

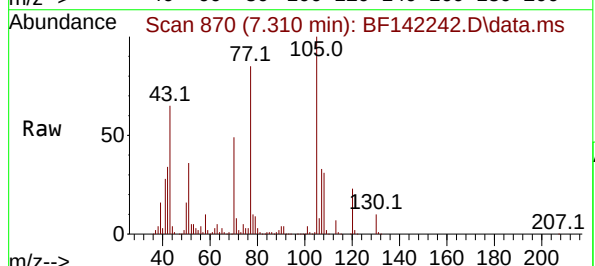
Concen: 20.872 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49



Tgt Ion:105 Resp: 360484

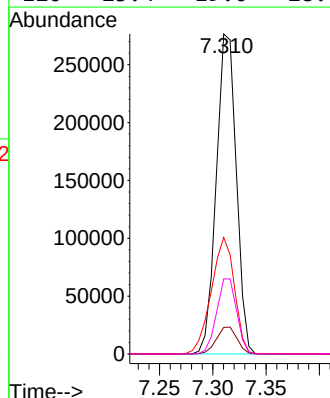
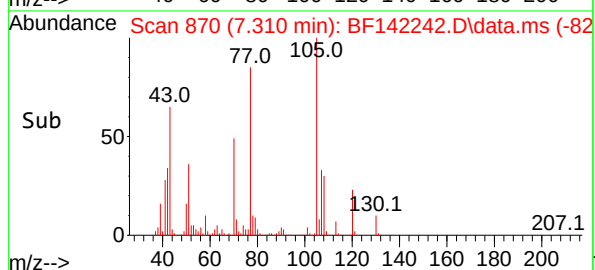
Ion Ratio Lower Upper

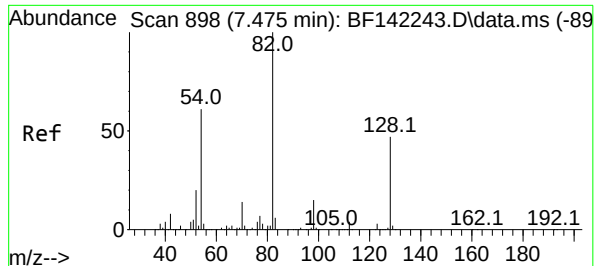
105 100

71 8.3 5.7 8.5

51 36.4 30.1 45.1

120 23.4 19.0 28.4





#23

Nitrobenzene-d5

Concen: 39.673 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 45083

Ion Ratio Lower Upper

82 100

128 44.3 37.0 55.6

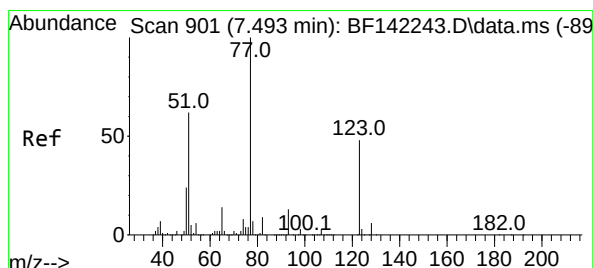
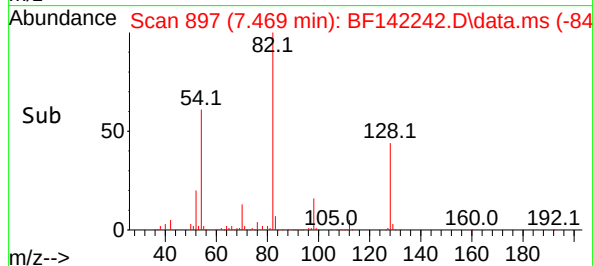
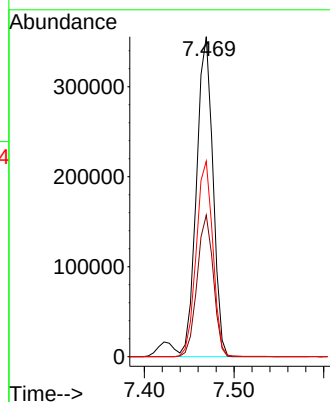
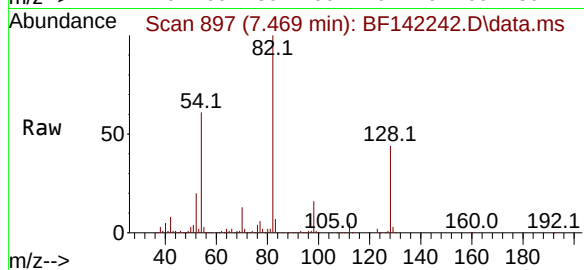
54 61.1 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 19.865 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

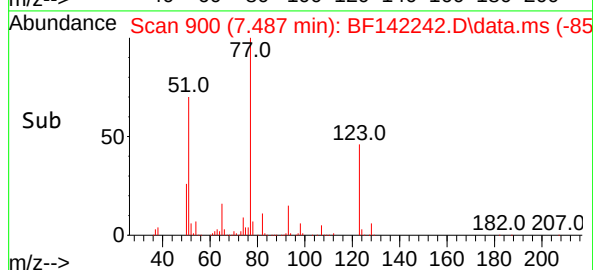
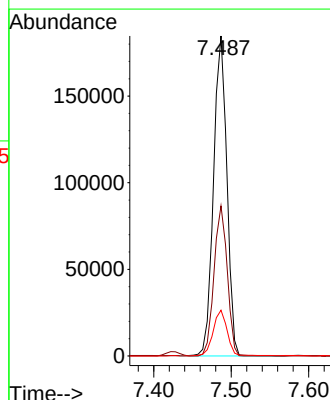
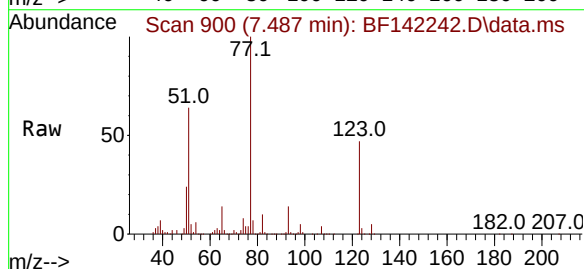
Tgt Ion: 77 Resp: 221499

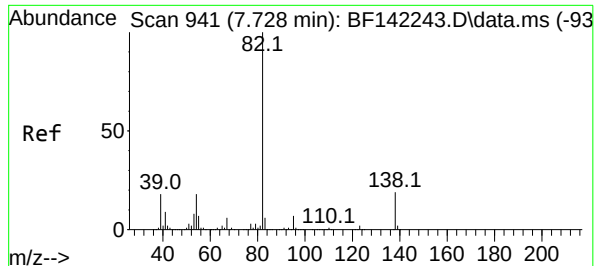
Ion Ratio Lower Upper

77 100

123 46.9 38.6 58.0

65 14.3 11.5 17.3





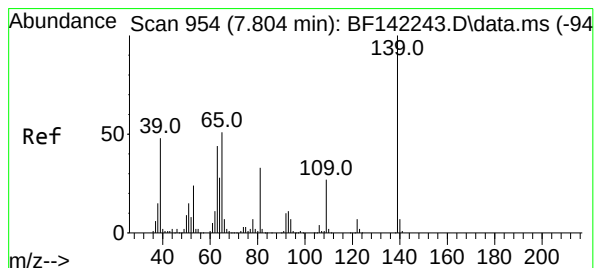
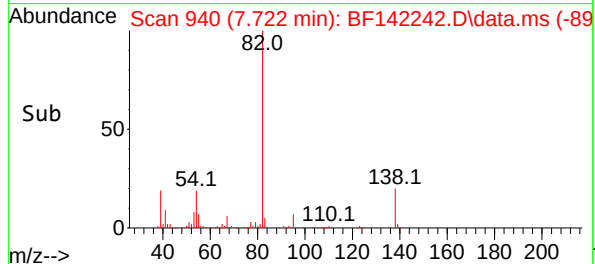
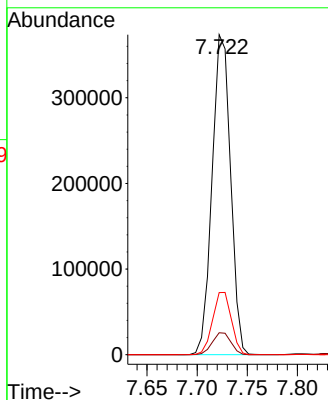
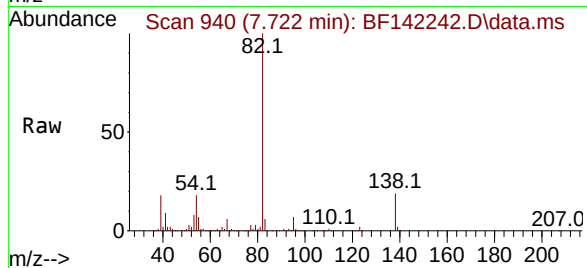
#25
Isophorone
Concen: 20.088 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 479090
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.4 15.3 22.9

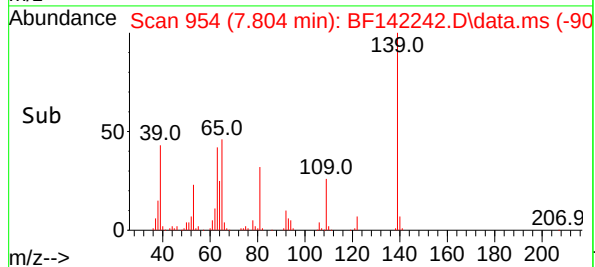
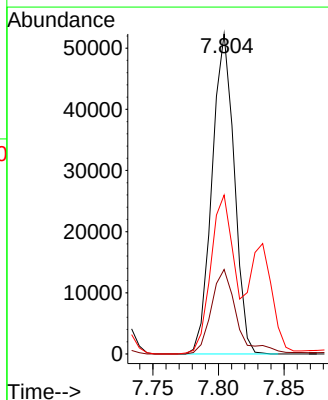
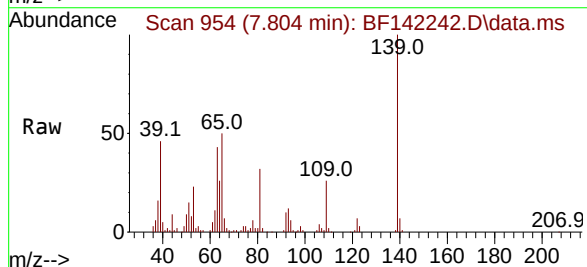
Manual Integrations
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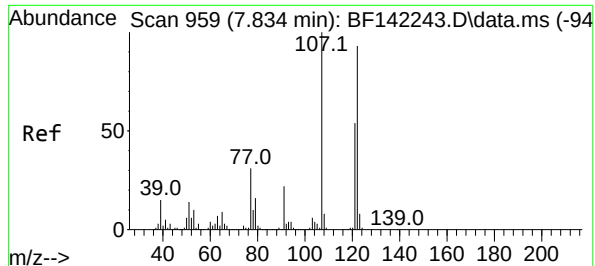
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 17.893 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:139 Resp: 61615
Ion Ratio Lower Upper
139 100
109 26.4 21.8 32.8
65 49.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 20.696 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 248864

Ion Ratio Lower Upper

122 100

107 104.1 86.0 129.0

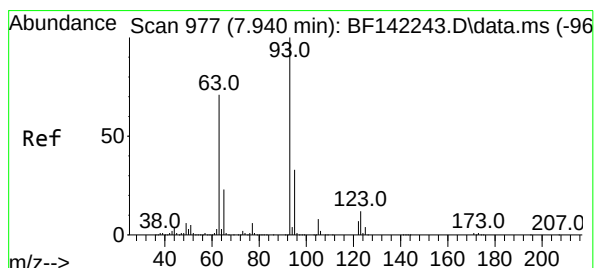
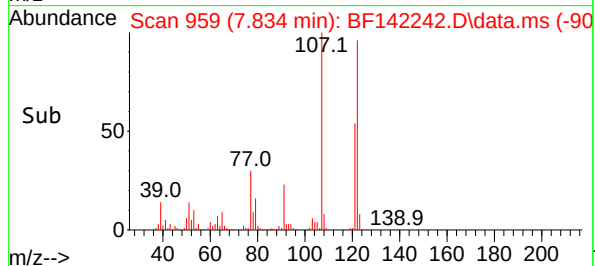
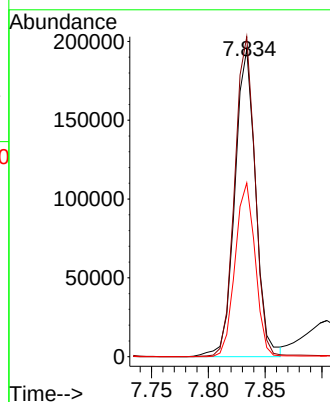
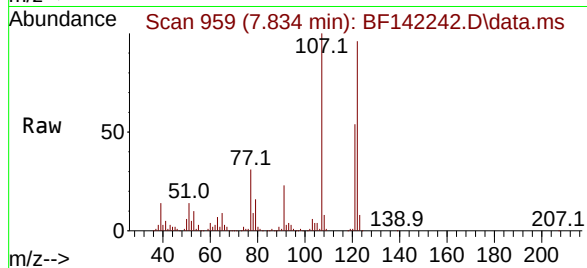
121 56.5 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.549 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

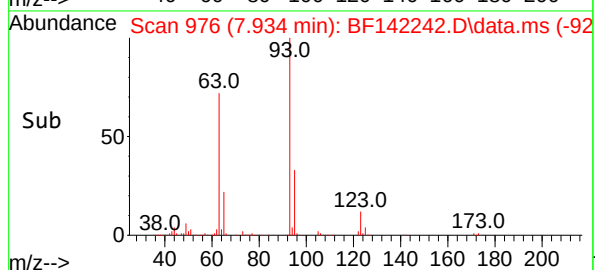
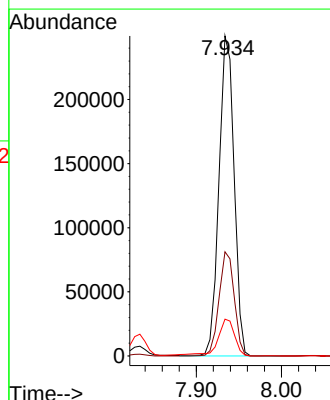
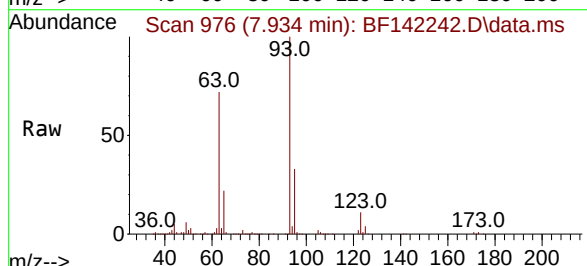
Tgt Ion: 93 Resp: 309073

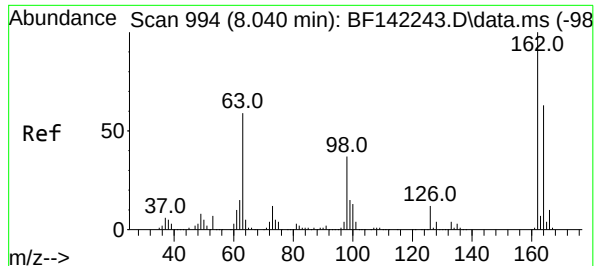
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 20.374 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142242.D

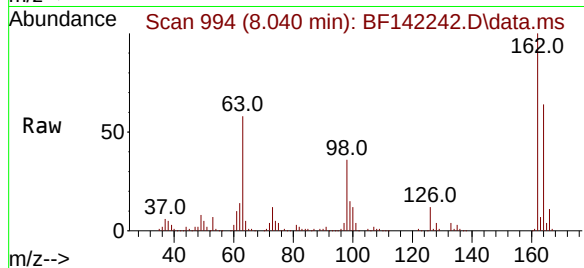
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 20482

Ion Ratio Lower Upper

162 100

164 64.3 43.0 83.0

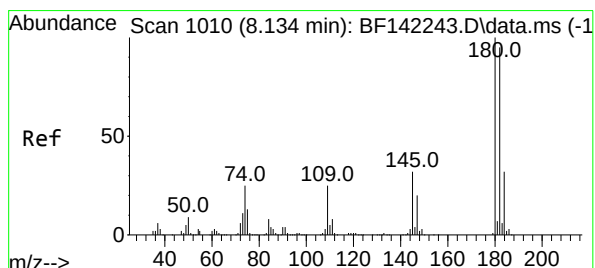
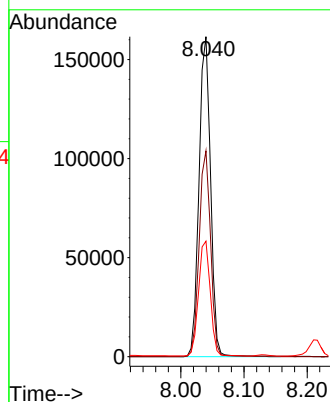
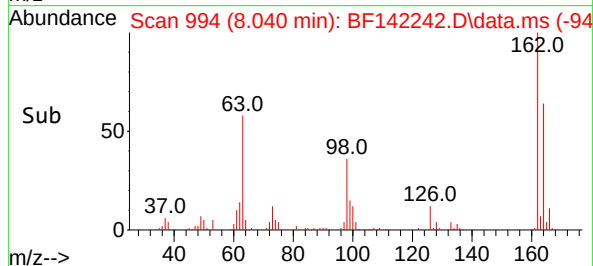
98 36.1 16.7 56.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.315 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

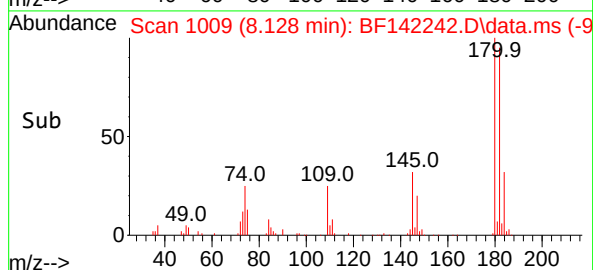
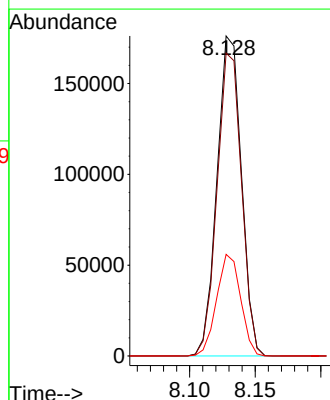
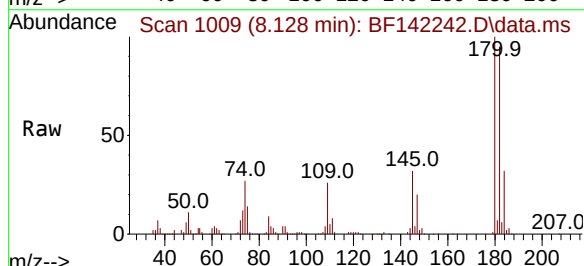
Tgt Ion:180 Resp: 227898

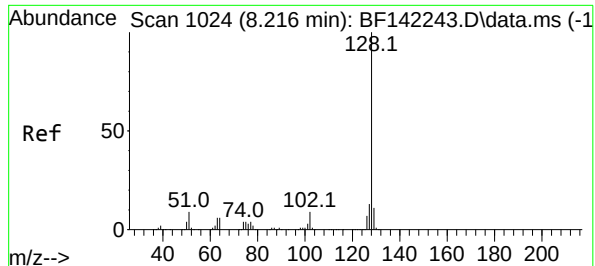
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 31.7 25.4 38.0





#31

Naphthalene

Concen: 20.758 ng

RT: 8.210 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 772839

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

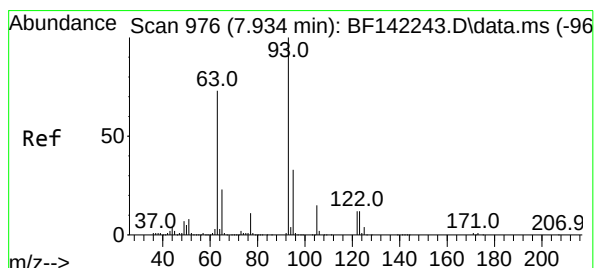
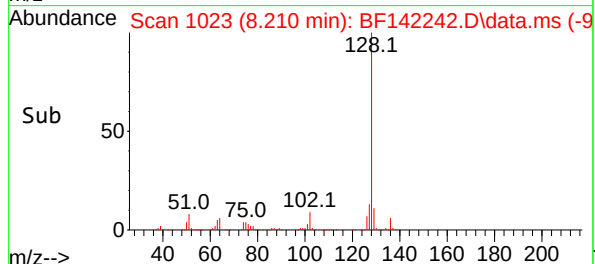
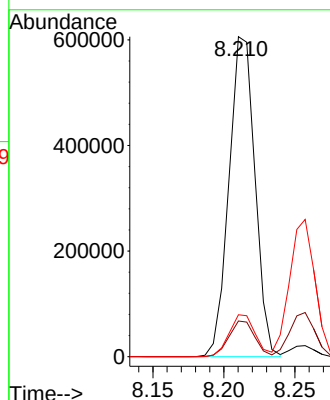
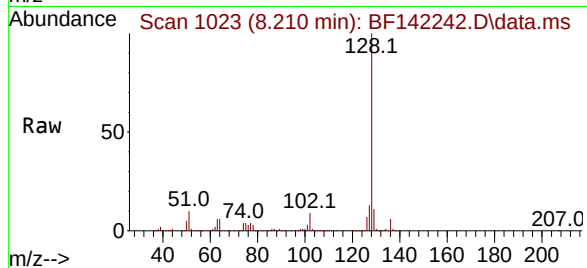
127 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#32

Benzoic acid

Concen: 19.412 ng m

RT: 7.904 min Scan# 971

Delta R.T. -0.030 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

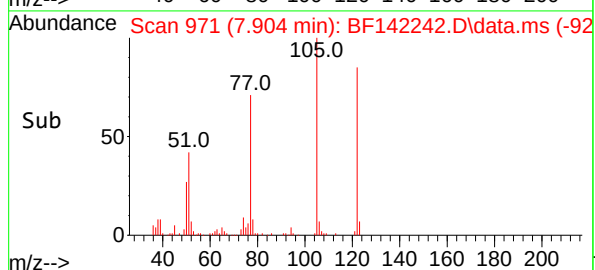
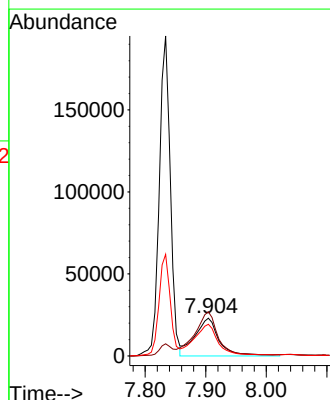
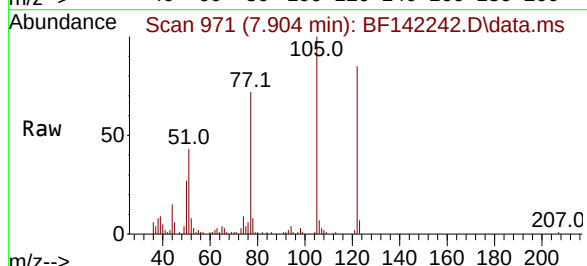
Tgt Ion:122 Resp: 64656

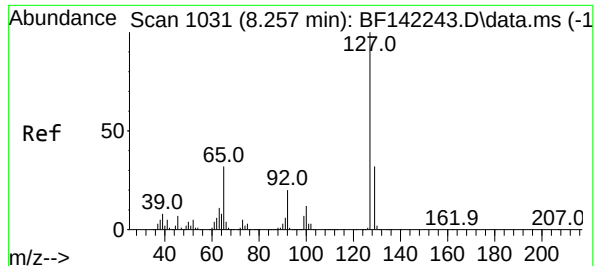
Ion Ratio Lower Upper

122 100

105 117.1 98.2 138.2

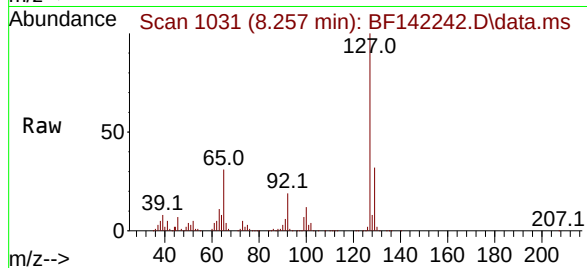
77 84.0 66.8 106.8





#33
4-Chloroaniline
Concen: 20.654 ng
RT: 8.257 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

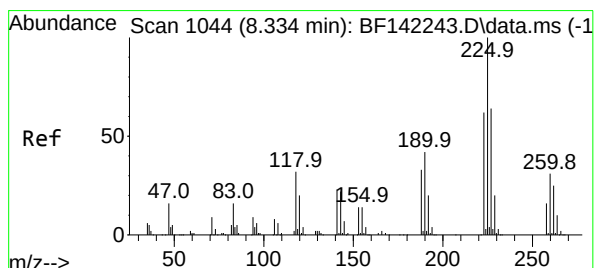
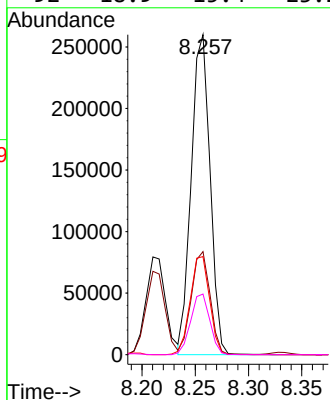
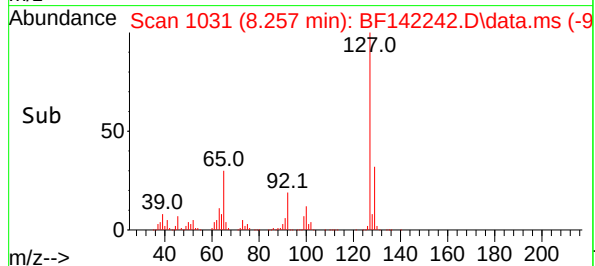
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 320218
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 30.7 25.5 38.3
92 18.9 15.4 23.2

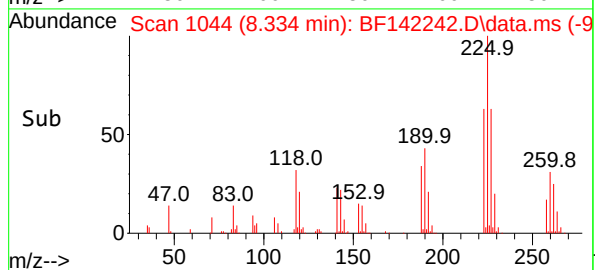
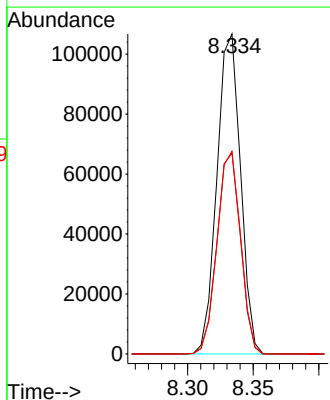
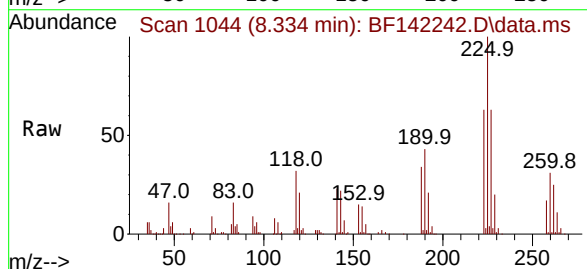
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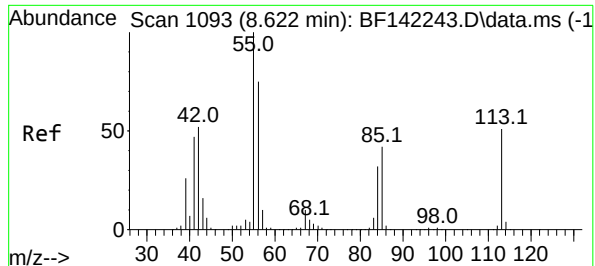
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 20.393 ng
RT: 8.334 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:225 Resp: 133474
Ion Ratio Lower Upper
225 100
223 62.8 49.7 74.5
227 63.4 51.0 76.4





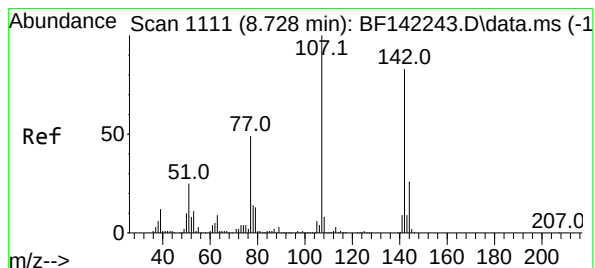
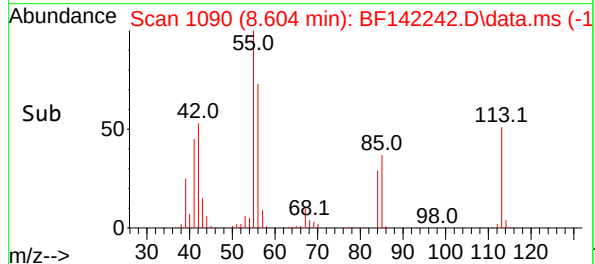
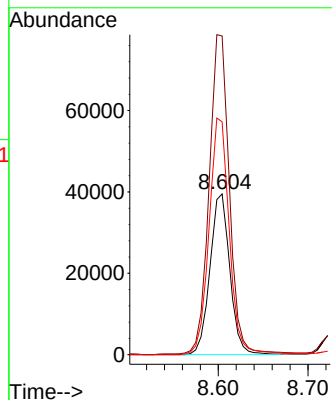
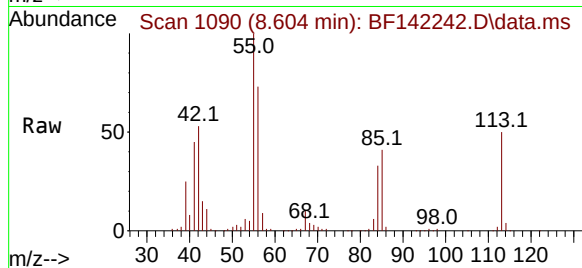
#35
Caprolactam
Concen: 20.118 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.018 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 6079
Ion Ratio Lower Upper
113 100
55 198.2 177.7 217.7
56 144.8 127.1 167.1

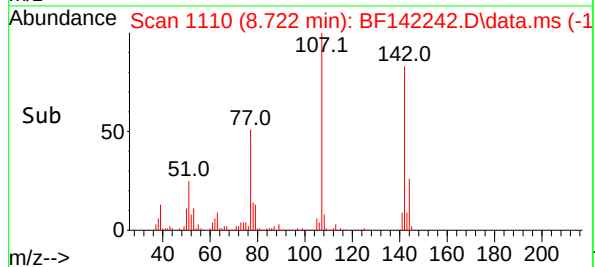
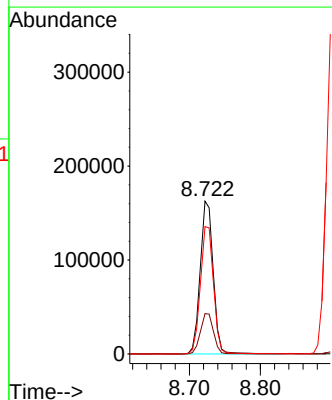
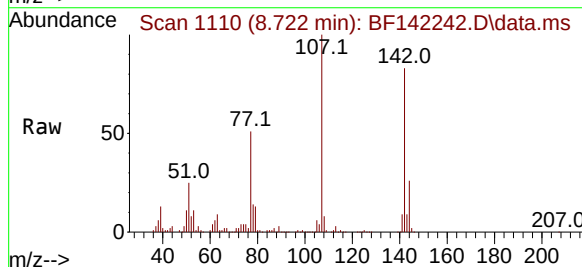
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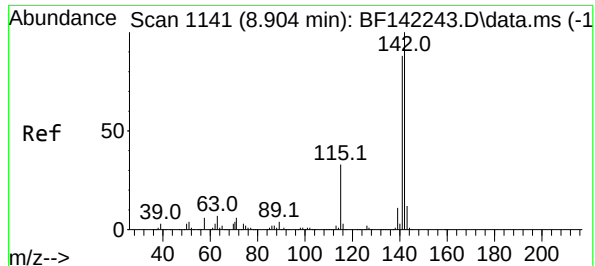
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#36
4-Chloro-3-methylphenol
Concen: 20.190 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:107 Resp: 208419
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 83.4 66.1 99.1





#37

2-Methylnaphthalene

Concen: 20.658 ng

RT: 8.904 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:142 Resp: 472890

Ion Ratio Lower Upper

142 100

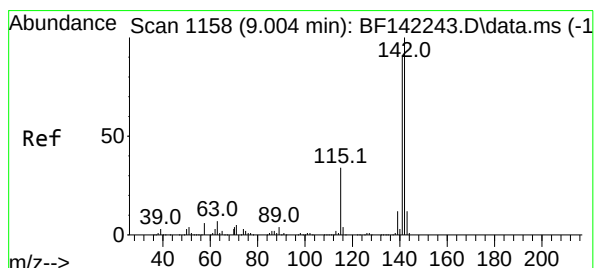
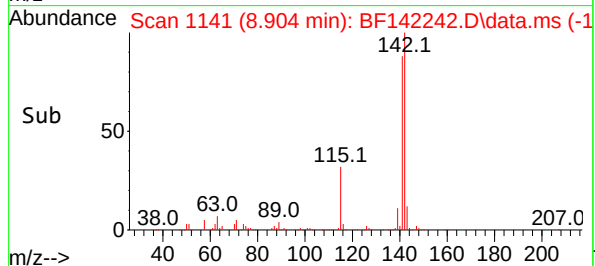
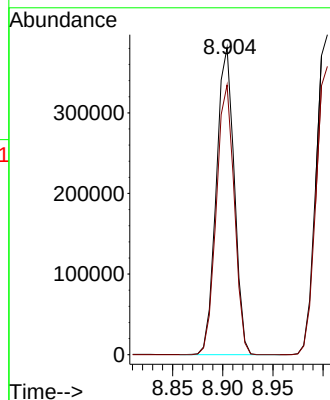
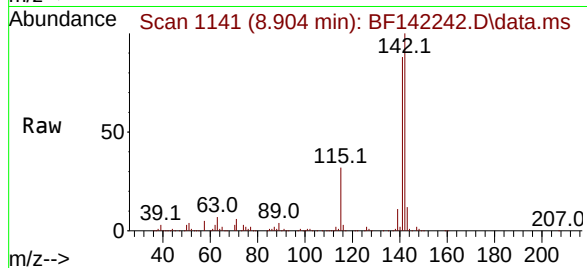
141 87.8 70.5 105.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 20.985 ng

RT: 9.004 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF142242.D

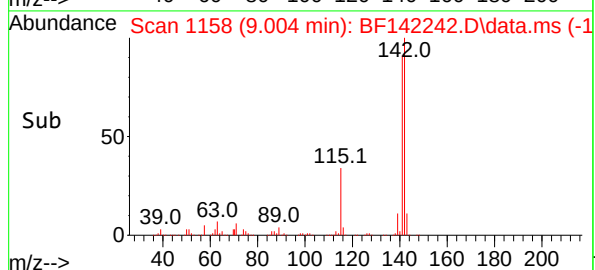
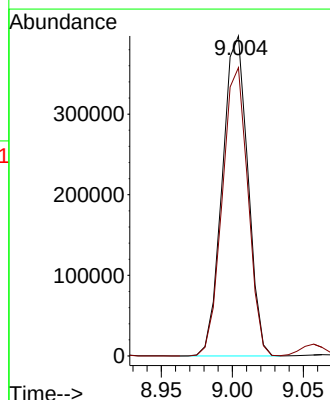
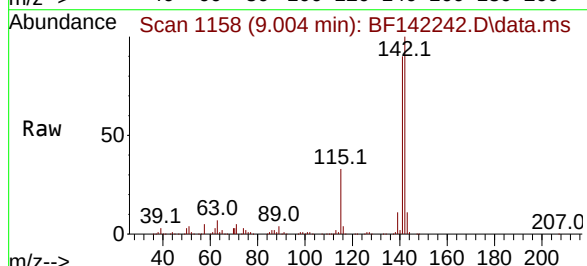
Acq: 30 Apr 2025 12:49

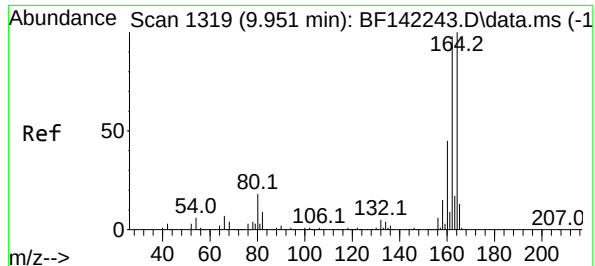
Tgt Ion:142 Resp: 497635

Ion Ratio Lower Upper

142 100

141 90.1 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

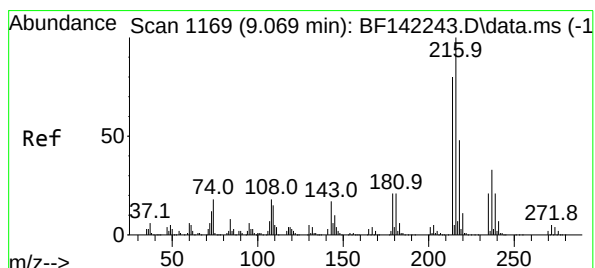
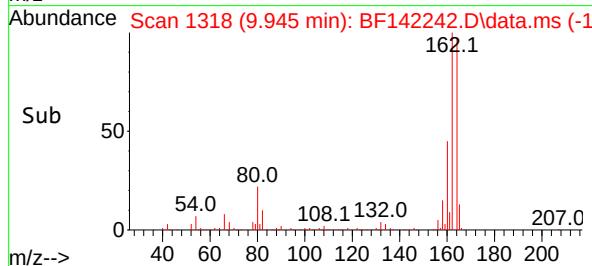
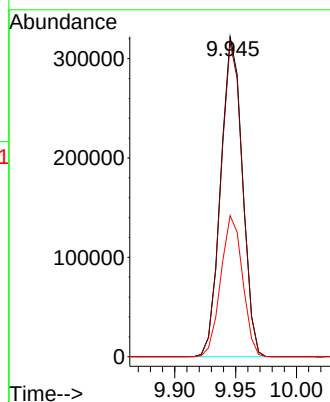
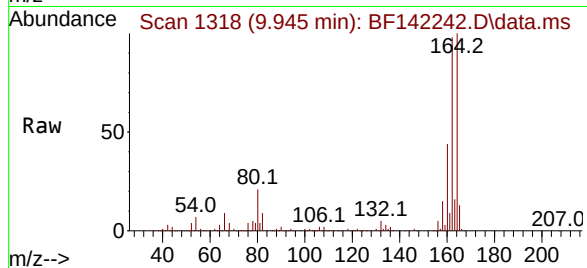
SSTDICC020

Tgt Ion:164 Resp: 398805
Ion Ratio Lower Upper
164 100
162 98.3 78.6 117.8
160 44.1 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.342 ng

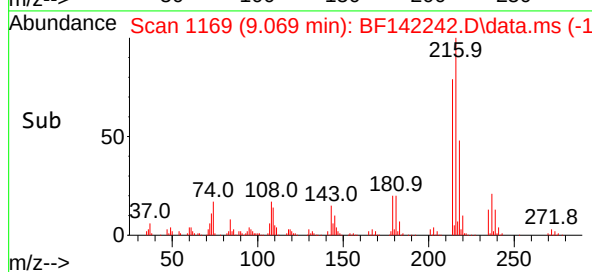
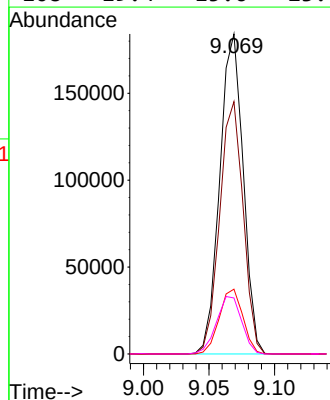
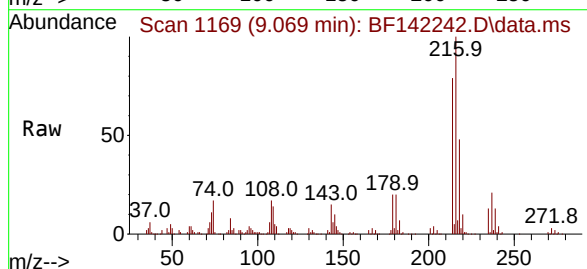
RT: 9.069 min Scan# 1169

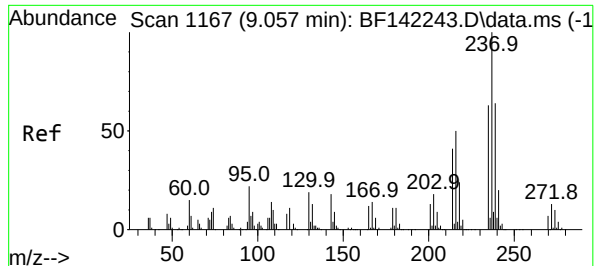
Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:216 Resp: 228311
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 20.5 16.7 25.1
108 19.4 15.6 23.4





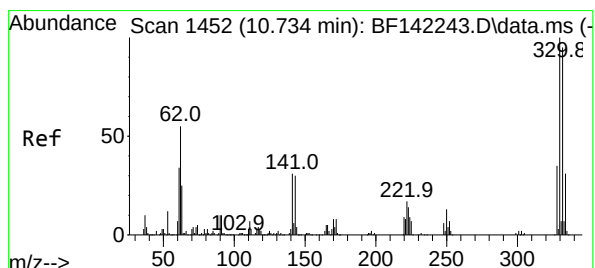
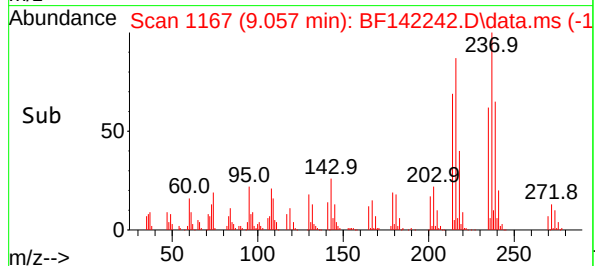
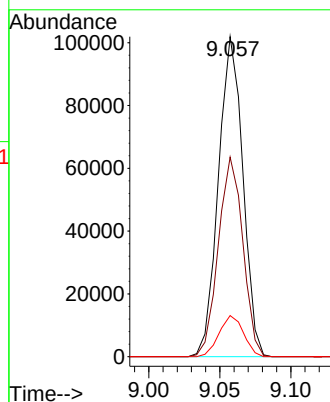
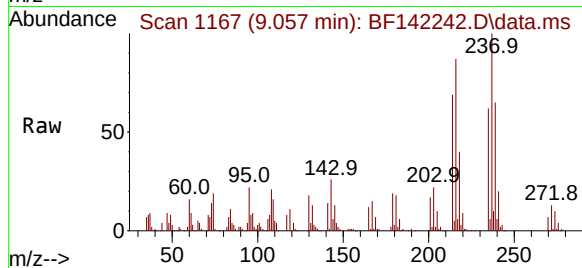
#41
Hexachlorocyclopentadiene
Concen: 19.145 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 12195
Ion Ratio Lower Upper
237 100
235 62.4 43.5 83.5
272 12.8 0.0 32.9

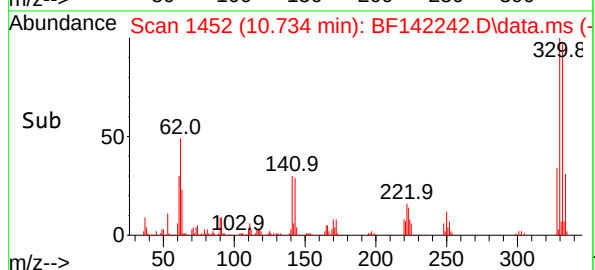
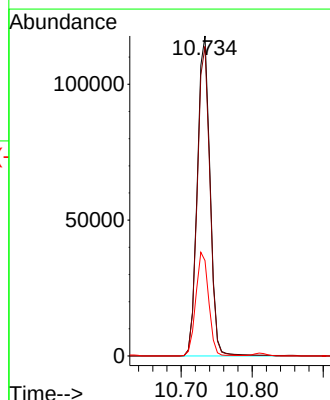
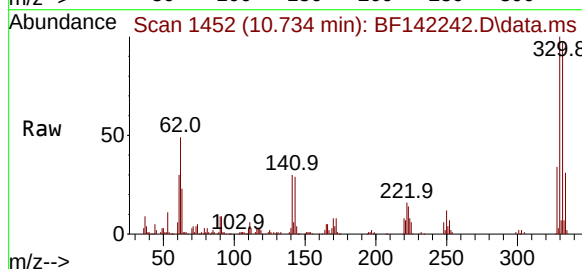
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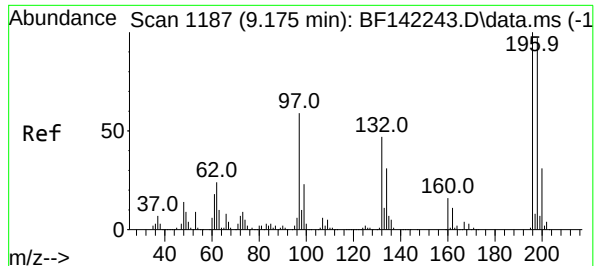
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#42
2,4,6-Tribromophenol
Concen: 40.372 ng
RT: 10.734 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:330 Resp: 146779
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 32.8 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 20.246 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 14080

Ion Ratio Lower Upper

196 100

198 96.4 77.4 116.2

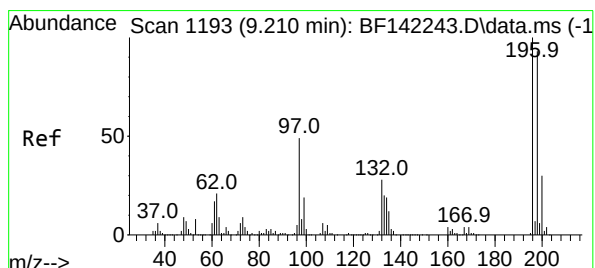
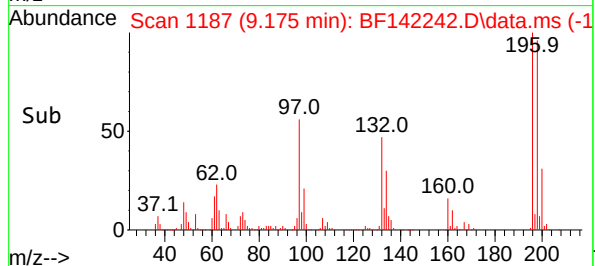
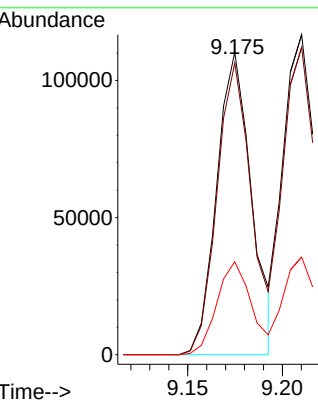
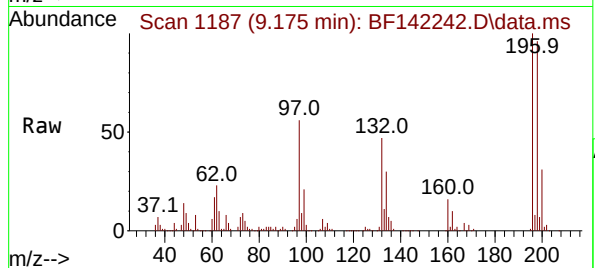
200 30.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

Concen: 19.756 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Tgt Ion:196 Resp: 144462

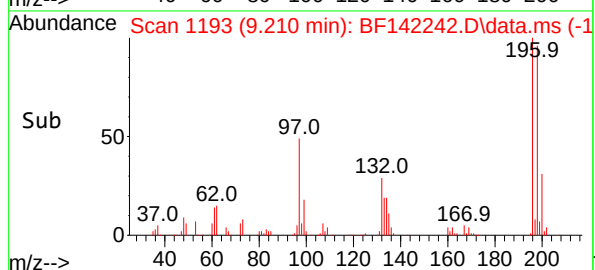
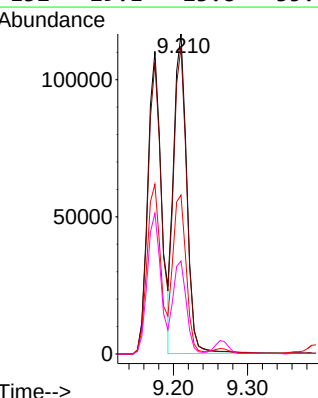
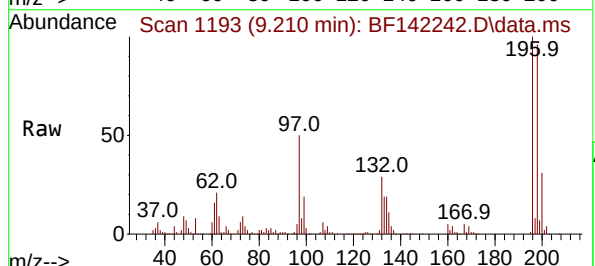
Ion Ratio Lower Upper

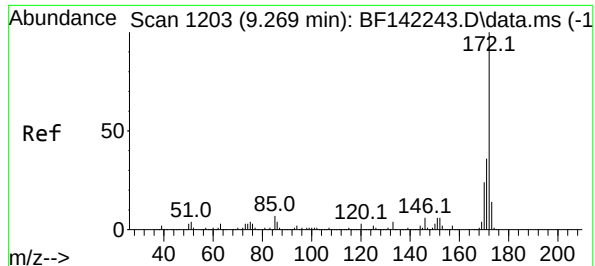
196 100

198 96.1 75.2 112.8

97 49.7 39.8 59.8

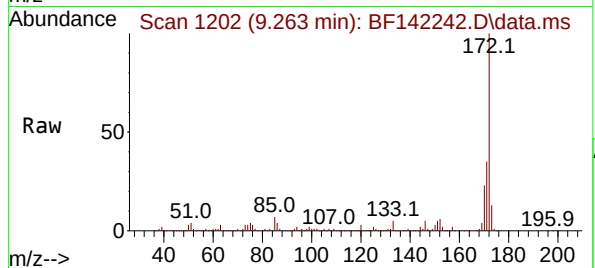
132 29.1 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 42.876 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

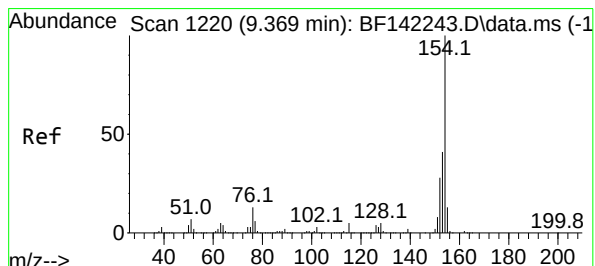
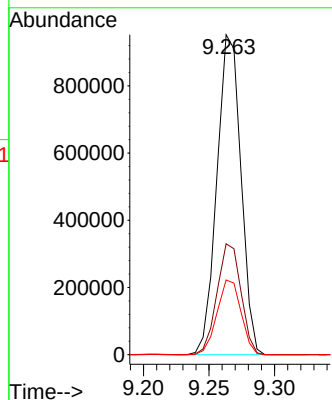
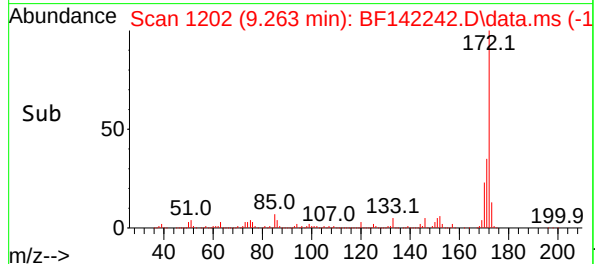
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 121274
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.4
170 23.3 19.4 29.0

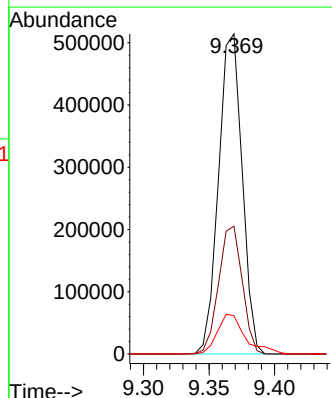
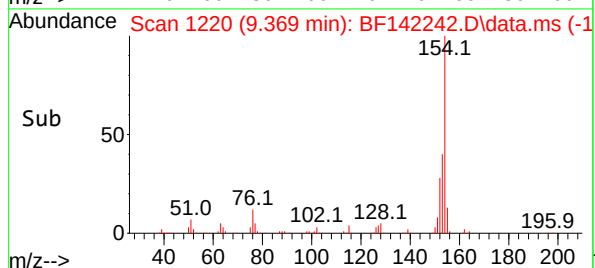
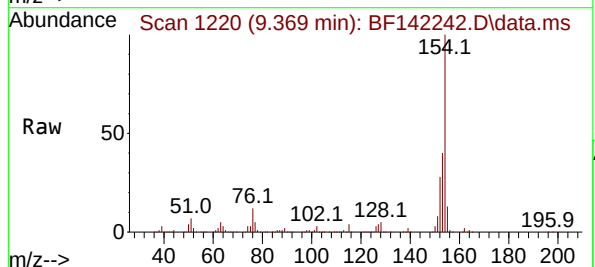
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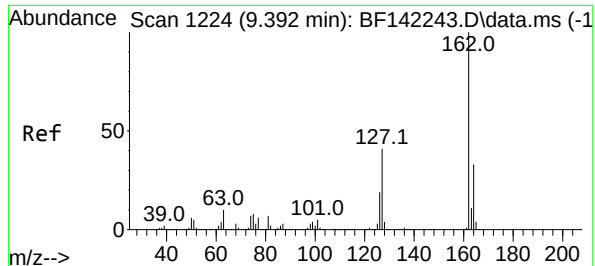
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#46
1,1'-Biphenyl
Concen: 20.740 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:154 Resp: 643017
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 12.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 20.588 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 47489

Ion Ratio Lower Upper

162 100

127 39.1 32.6 49.0

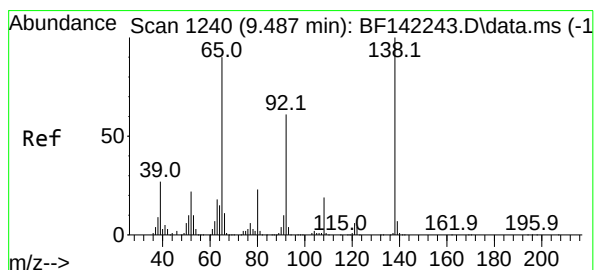
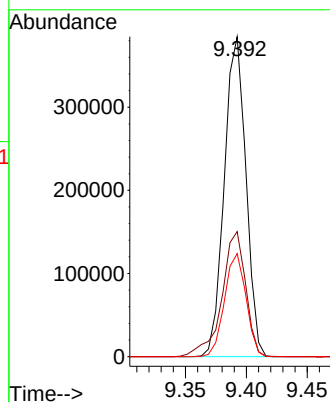
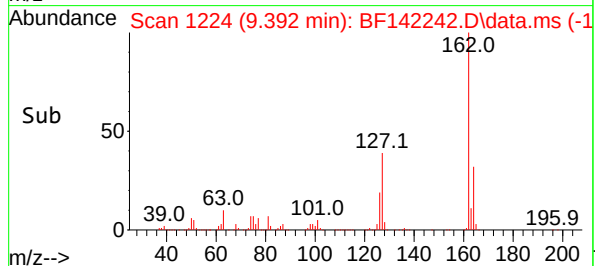
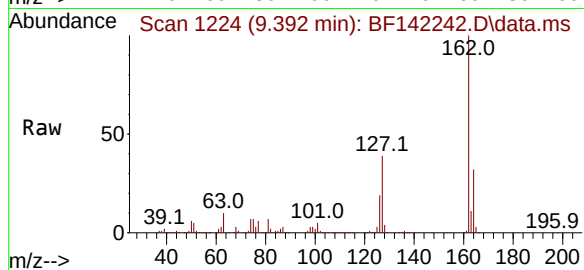
164 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 18.213 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

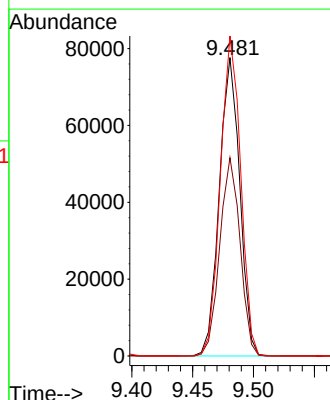
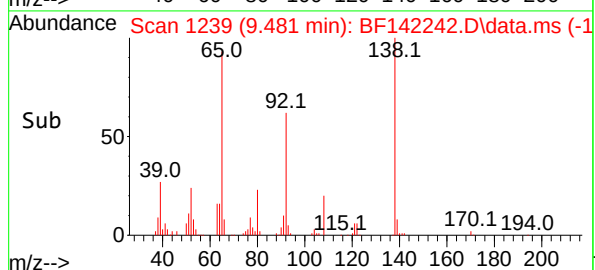
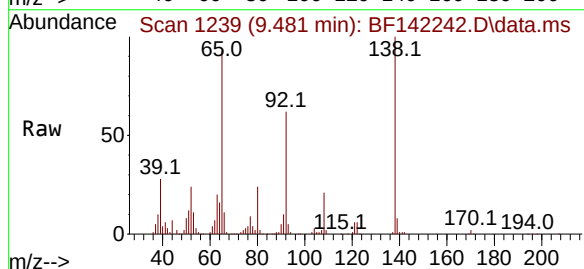
Tgt Ion: 65 Resp: 90798

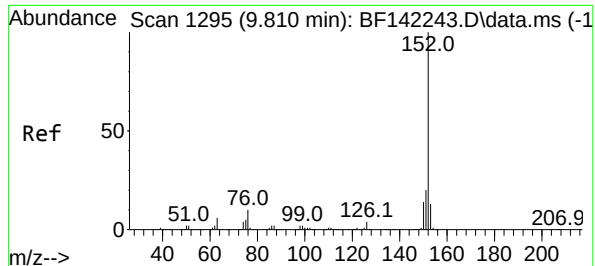
Ion Ratio Lower Upper

65 100

92 66.4 54.3 81.5

138 107.2 88.6 133.0





#49

Acenaphthylene

Concen: 20.749 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142242.D

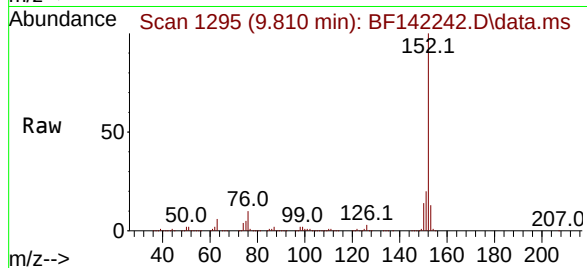
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 807654

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

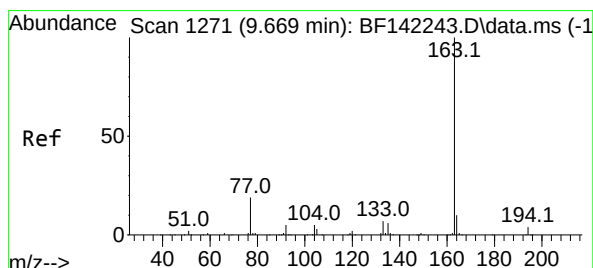
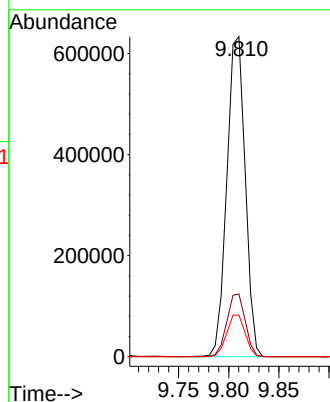
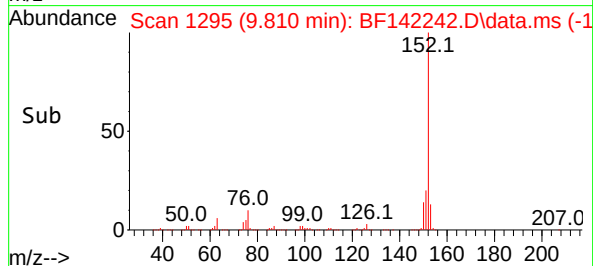
153 13.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

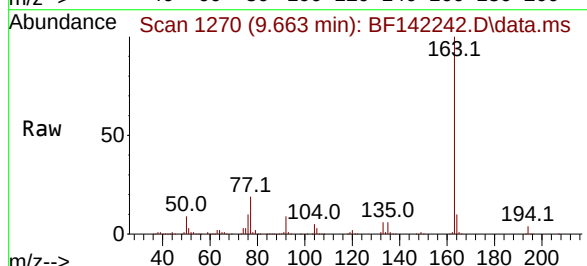
Concen: 20.334 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49



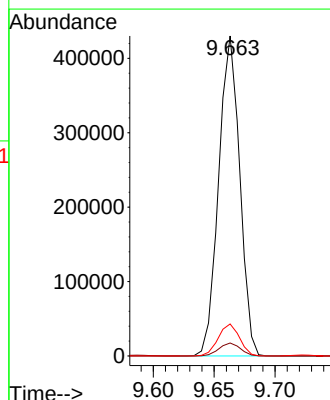
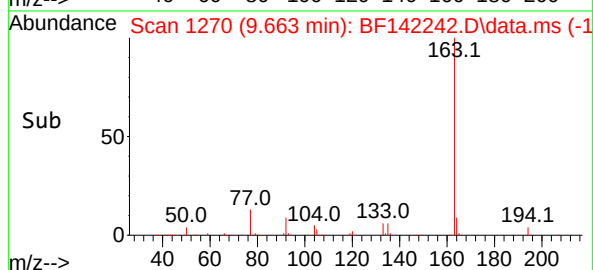
Tgt Ion:163 Resp: 518802

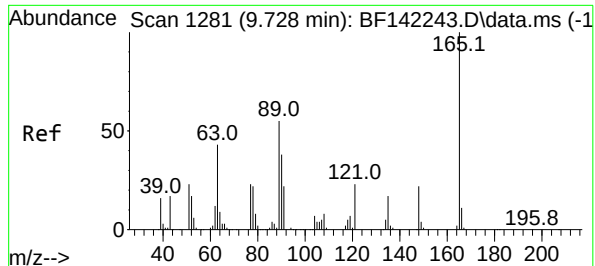
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.0 8.2 12.2





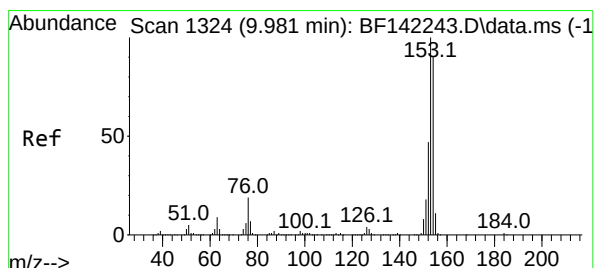
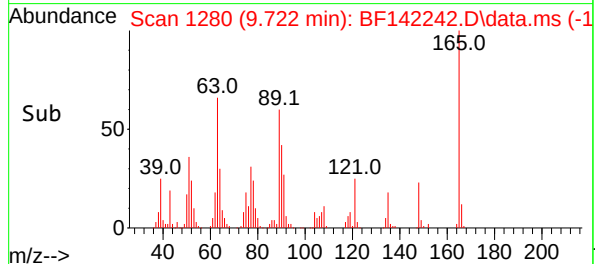
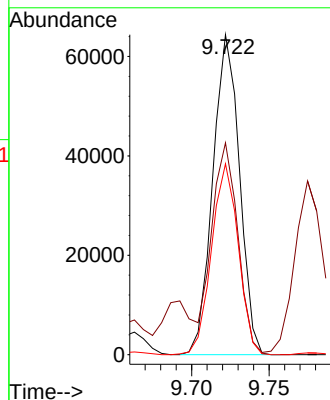
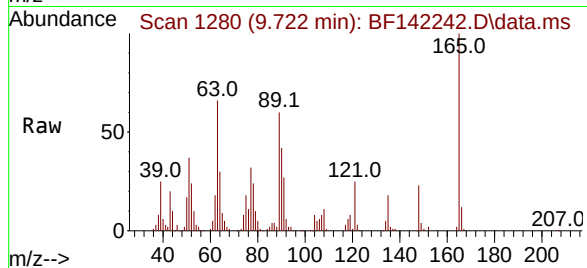
#51
2,6-Dinitrotoluene
Concen: 18.432 ng
RT: 9.722 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 7695
Ion Ratio Lower Upper
165 100
63 66.2 48.5 72.7
89 59.6 43.9 65.9

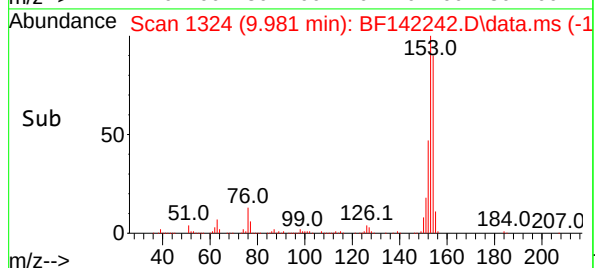
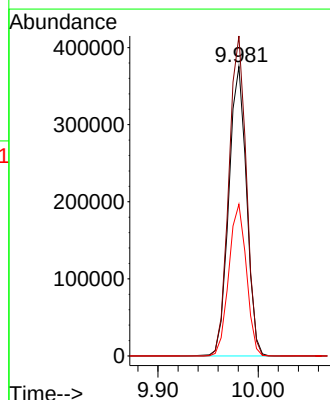
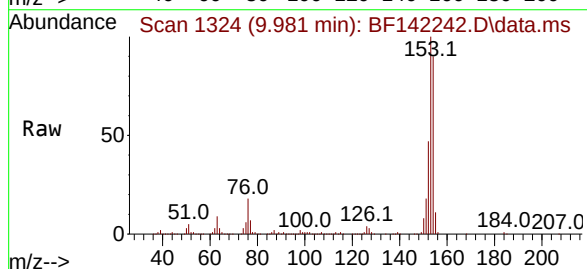
Manual Integrations
APPROVED

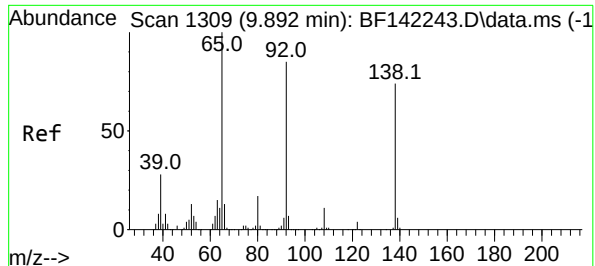
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 20.281 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

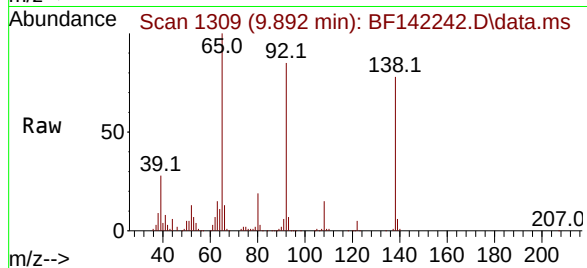
Tgt Ion:154 Resp: 460927
Ion Ratio Lower Upper
154 100
153 110.6 88.6 133.0
152 52.4 42.1 63.1





#53
3-Nitroaniline
Concen: 18.959 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

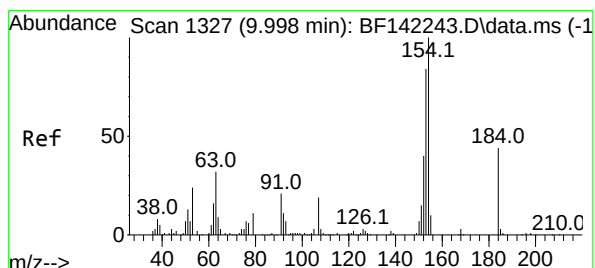
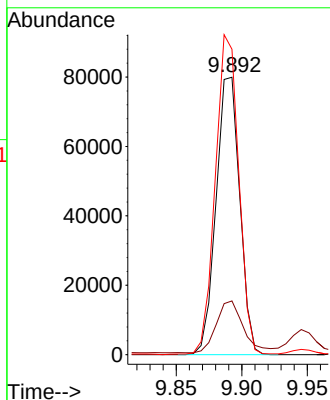
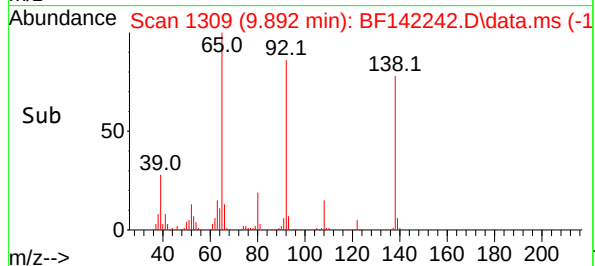
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 100560
Ion Ratio Lower Upper
138 100
108 19.4 11.7 17.5
92 110.1 91.2 136.8

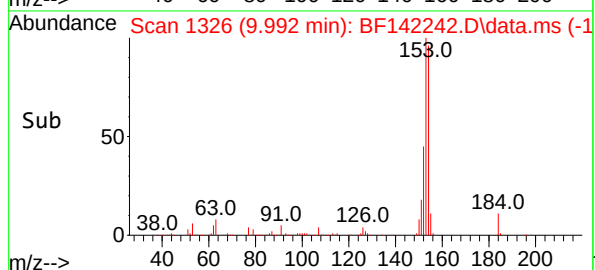
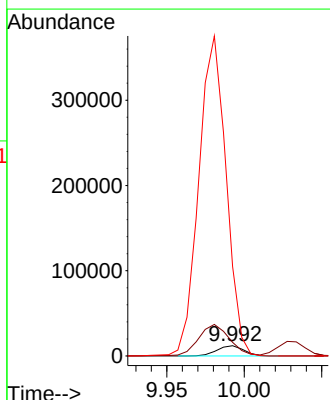
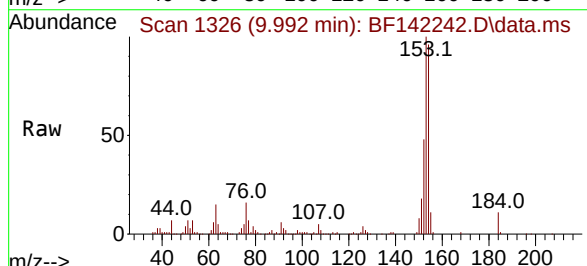
Manual Integrations
APPROVED

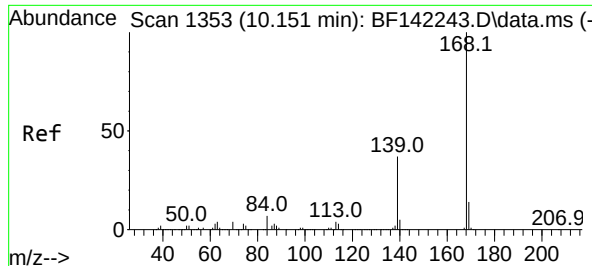
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 18.804 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:184 Resp: 14553
Ion Ratio Lower Upper
184 100
63 131.7 69.2 103.8#
154 869.6 271.4 407.2#





#55

Dibenzenofuran

Concen: 20.493 ng

RT: 10.151 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 69815

Ion Ratio Lower Upper

168 100

139 36.8 29.4 44.0

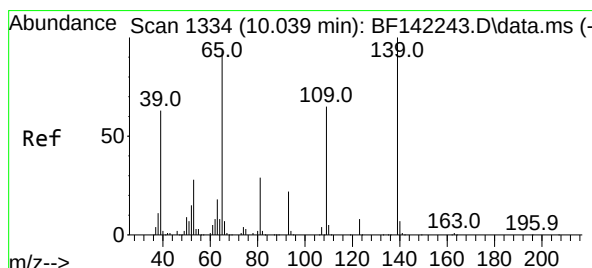
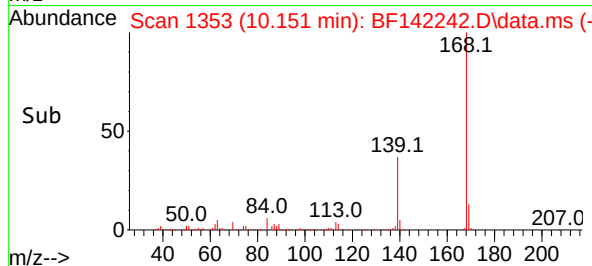
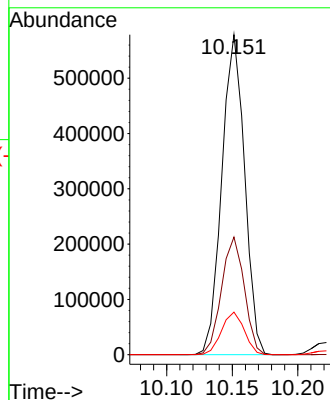
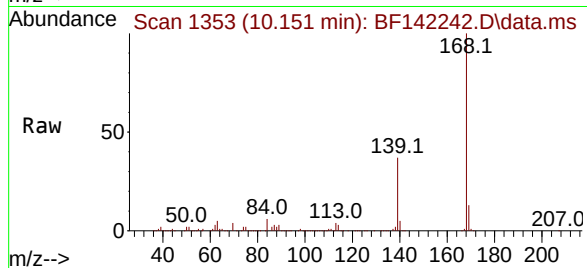
169 13.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 17.561 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

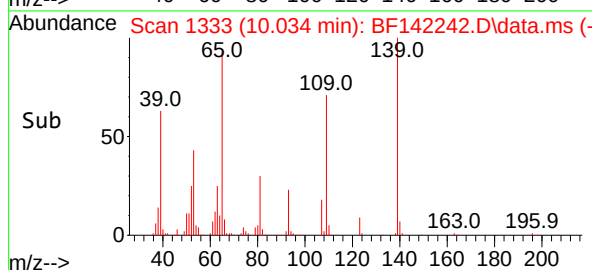
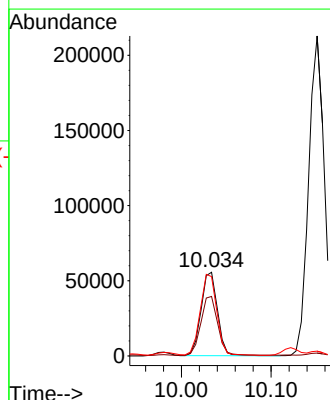
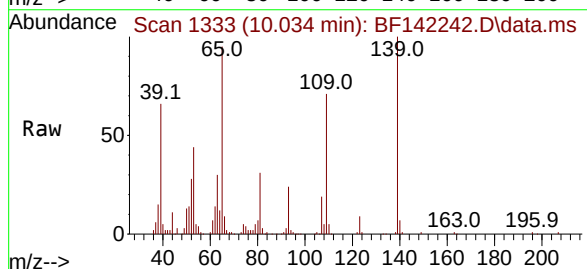
Tgt Ion:139 Resp: 70423

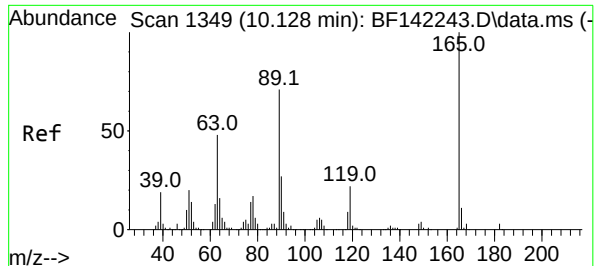
Ion Ratio Lower Upper

139 100

109 71.2 44.9 84.9

65 94.8 74.7 114.7





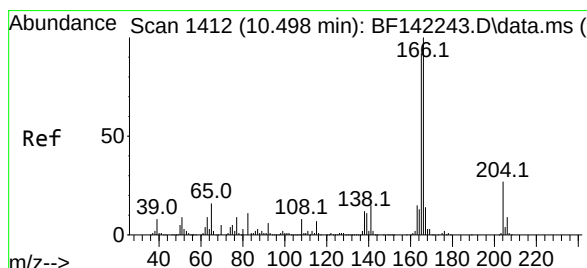
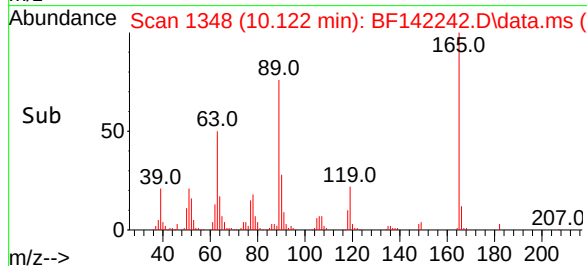
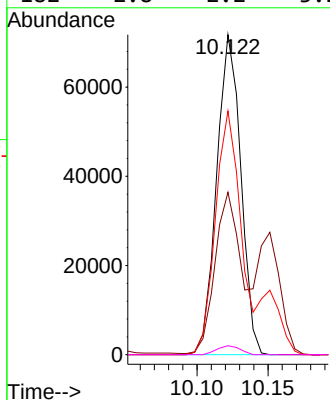
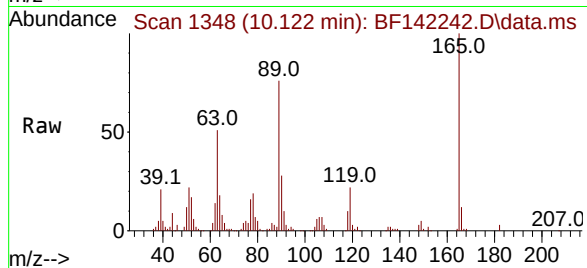
#57
2,4-Dinitrotoluene
Concen: 17.844 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 8481
Ion Ratio Lower Upper
165 100
63 50.7 38.8 58.2
89 76.2 57.1 85.7
182 2.8 2.2 3.2

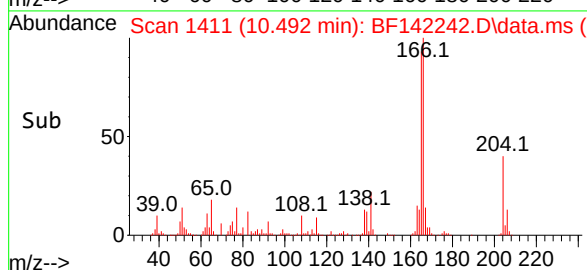
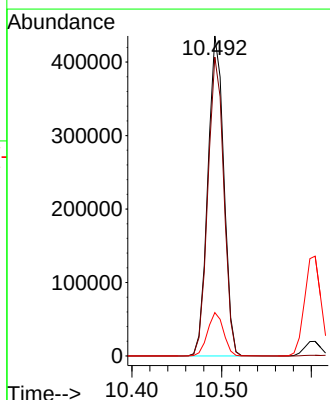
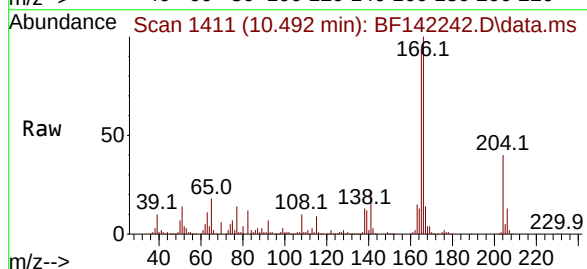
Manual Integrations
APPROVED

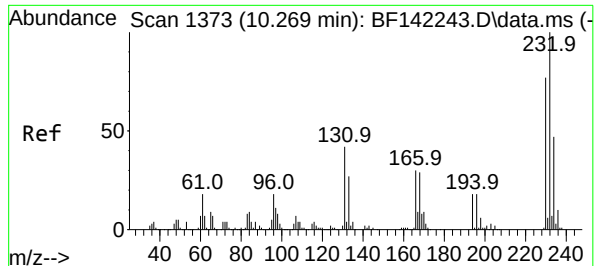
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#58
Fluorene
Concen: 20.793 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

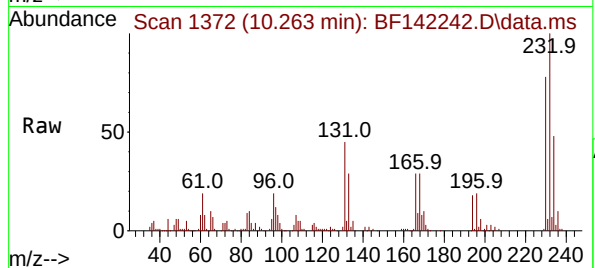
Tgt Ion:166 Resp: 538647
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.530 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

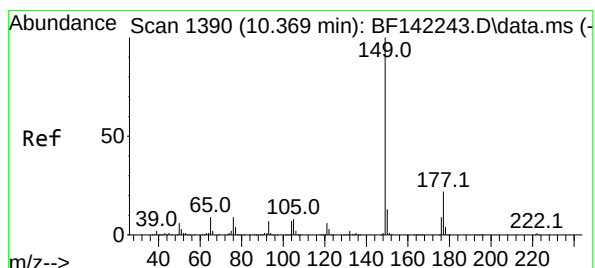
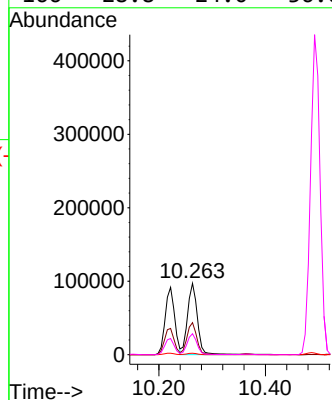
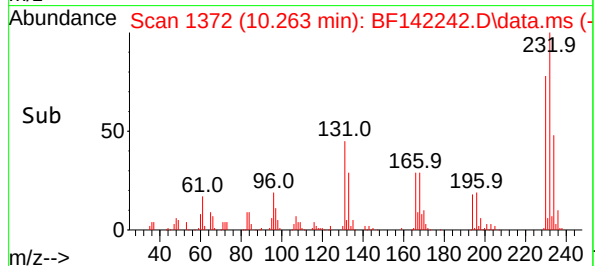
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



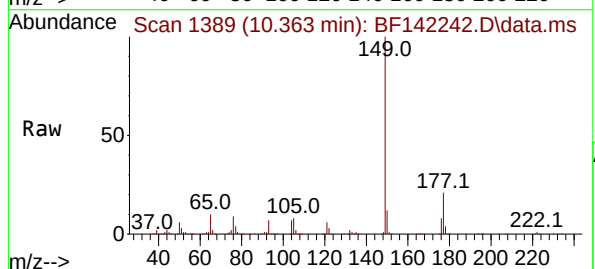
Tgt Ion:232 Resp: 12435
Ion Ratio Lower Upper
232 100
131 45.0 35.9 53.9
130 2.1 1.8 2.6
166 28.8 24.0 36.0

Manual Integrations
APPROVED

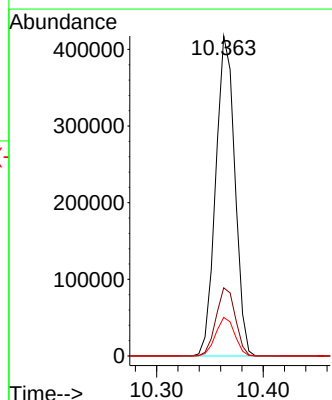
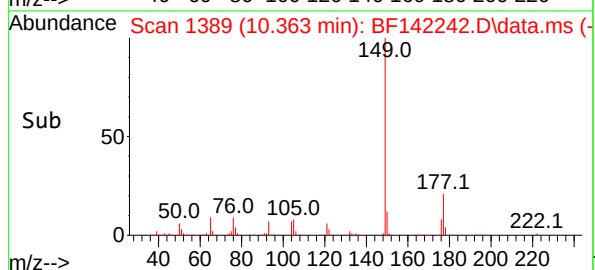
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

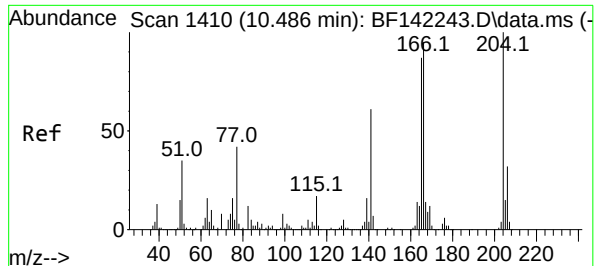


#60
Diethylphthalate
Concen: 20.611 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



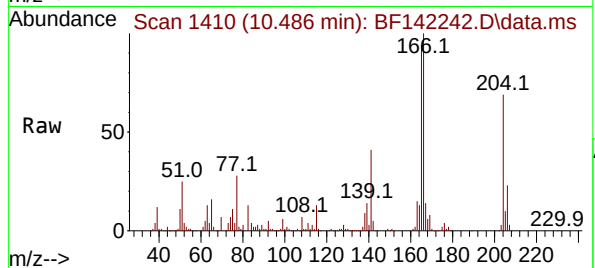
Tgt Ion:149 Resp: 519294
Ion Ratio Lower Upper
149 100
177 21.3 17.6 26.4
150 12.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 20.502 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

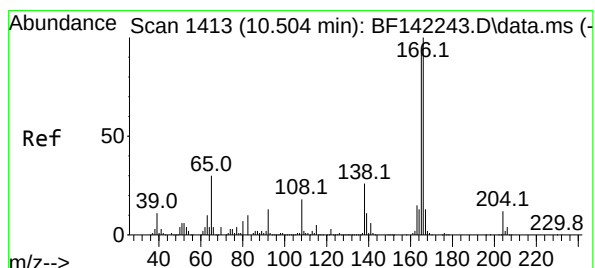
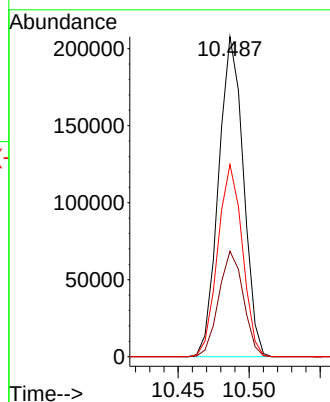
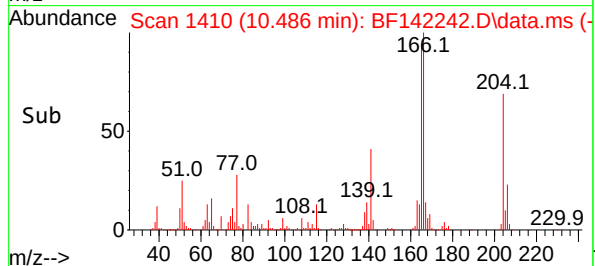
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



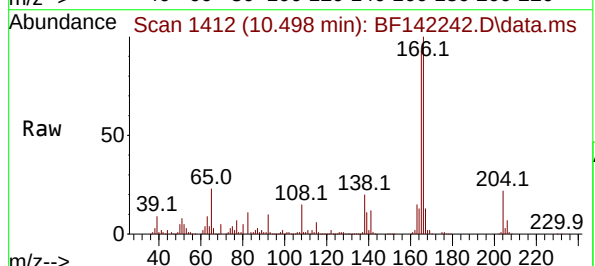
Tgt Ion:204 Resp: 25221
Ion Ratio Lower Upper
204 100
206 33.0 25.6 38.4
141 60.1 48.9 73.3

Manual Integrations
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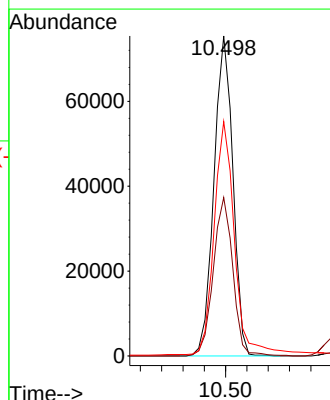
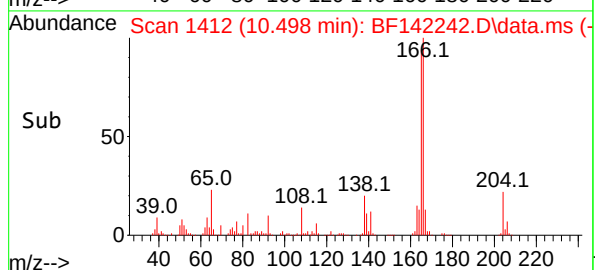
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

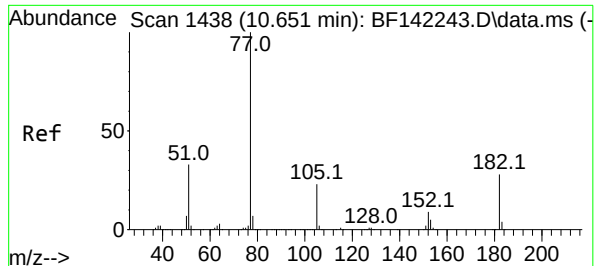


#62
4-Nitroaniline
Concen: 18.933 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:138 Resp: 92884
Ion Ratio Lower Upper
138 100
92 49.5 29.2 69.2
108 73.2 49.1 89.1





#63
Azobenzene
Concen: 20.438 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

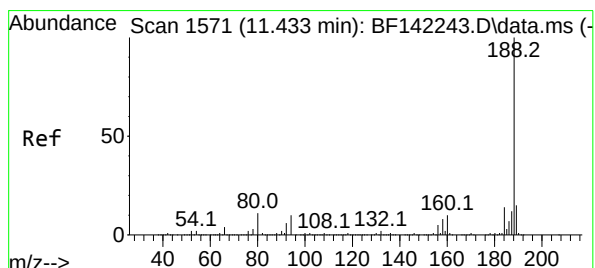
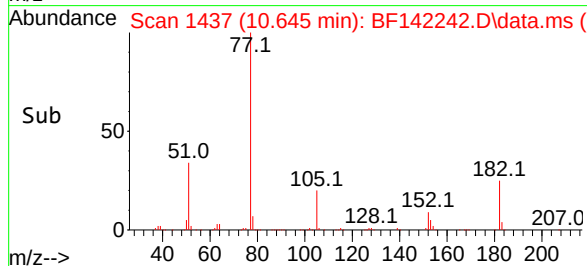
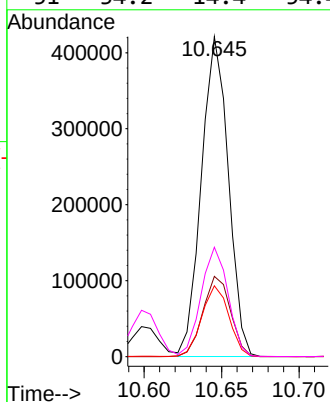
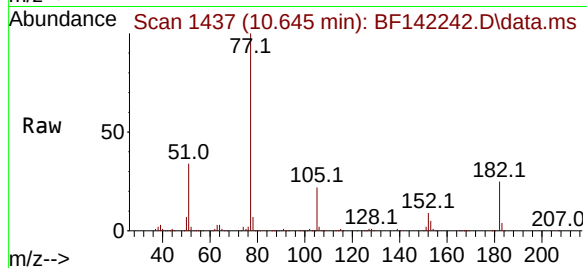
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.3	47.3
105	22.2	2.5	42.5
51	34.2	14.4	54.4

Manual Integrations

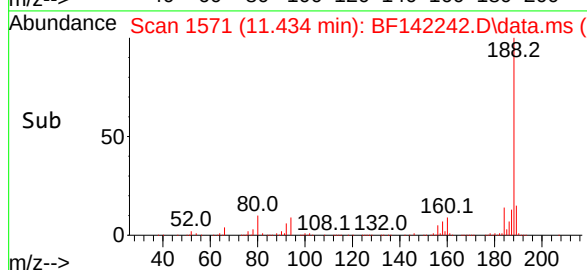
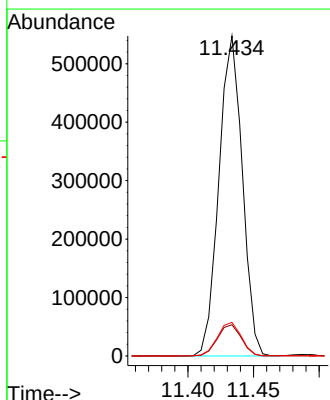
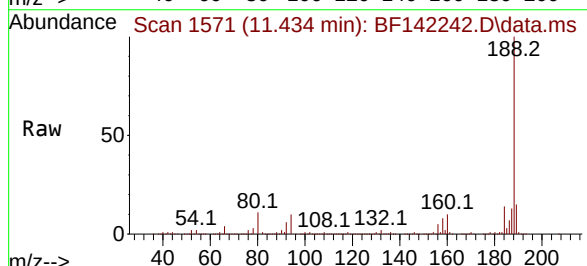
APPROVED

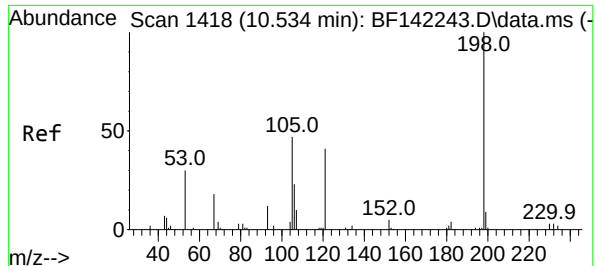
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.434 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

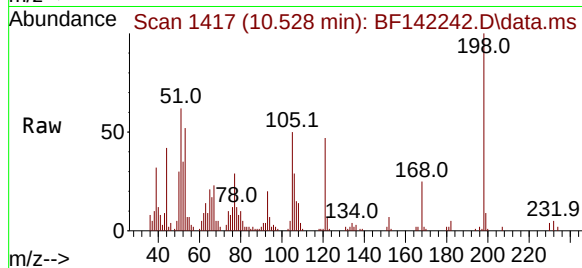
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.5	8.6	12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 18.756 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

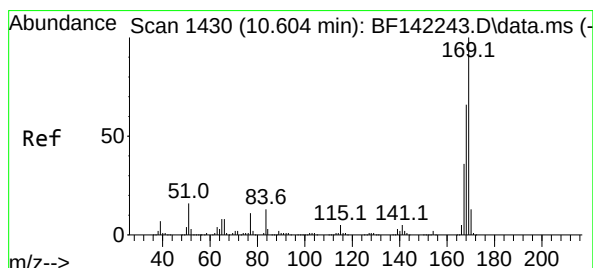
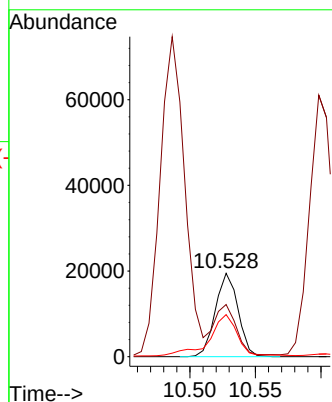
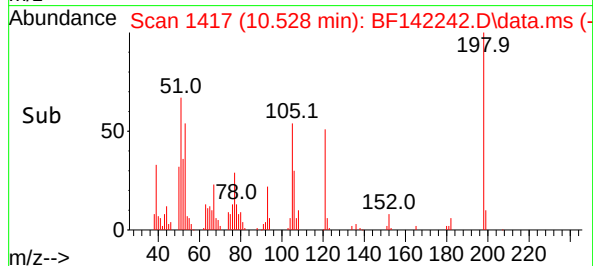
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



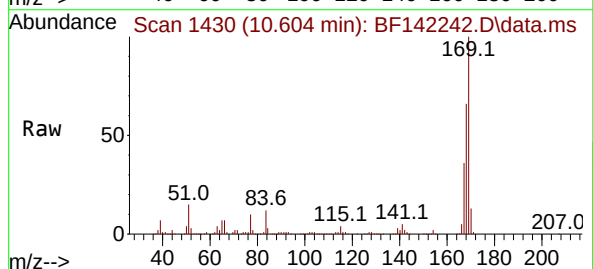
Tgt Ion:198 Resp: 23400
Ion Ratio Lower Upper
198 100
51 62.5 40.6 80.6
105 50.4 29.2 69.2

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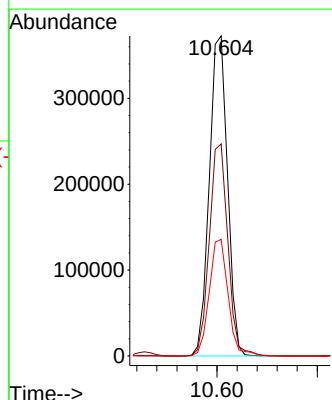
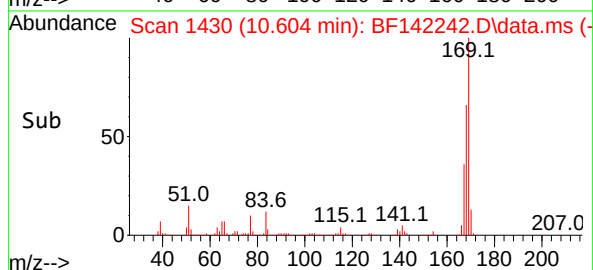
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

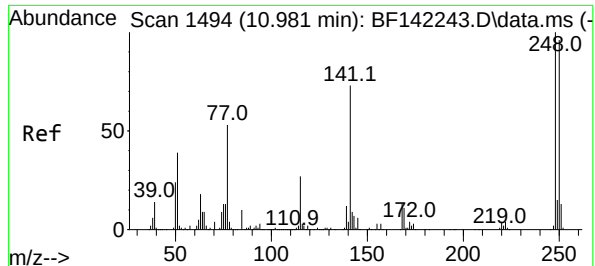


#66
n-Nitrosodiphenylamine
Concen: 20.280 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



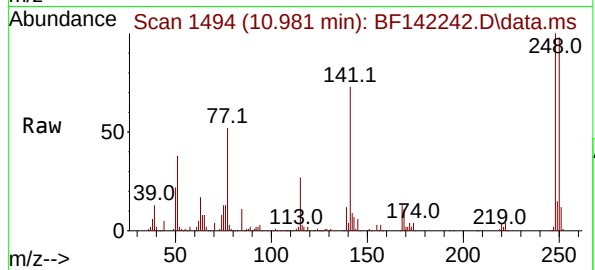
Tgt Ion:169 Resp: 470767
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.4 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 20.053 ng
RT: 10.981 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

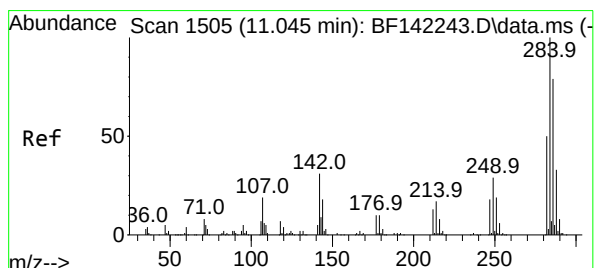
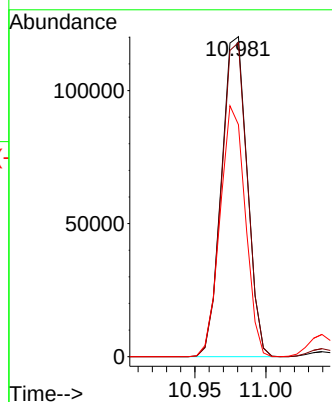
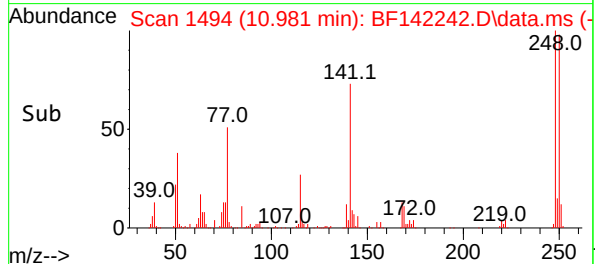
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



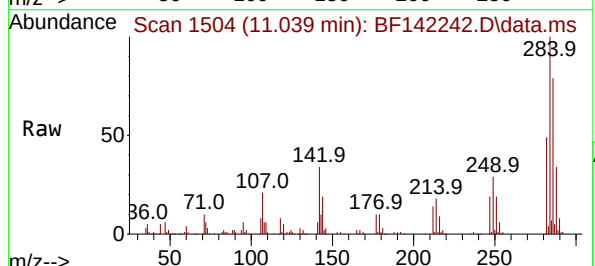
Tgt Ion:248 Resp: 151720
Ion Ratio Lower Upper
248 100
250 98.1 77.2 115.8
141 72.5 58.4 87.6

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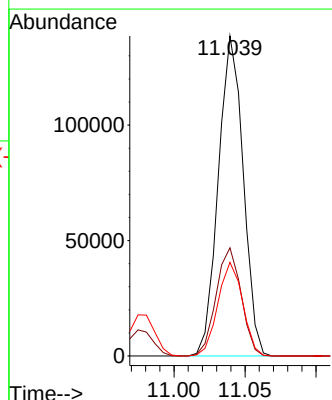
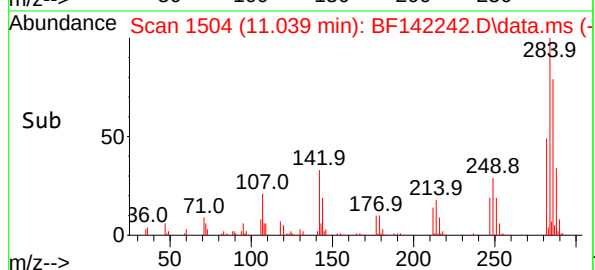
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

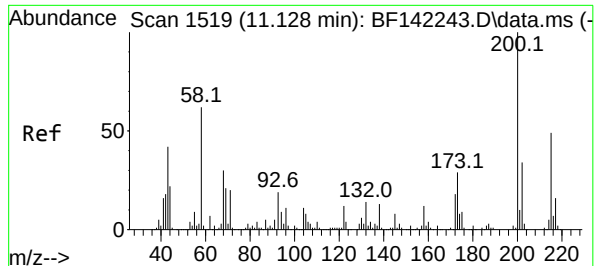


#68
Hexachlorobenzene
Concen: 19.916 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



Tgt Ion:284 Resp: 168767
Ion Ratio Lower Upper
284 100
142 33.8 24.6 37.0
249 29.3 23.2 34.8





#69

Atrazine

Concen: 20.665 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 12644

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

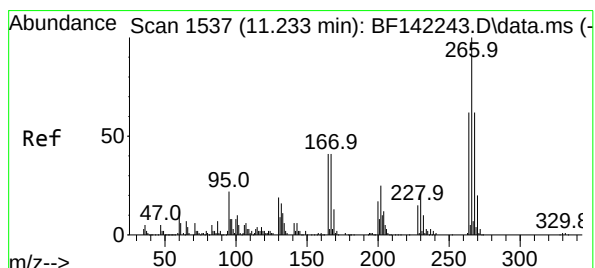
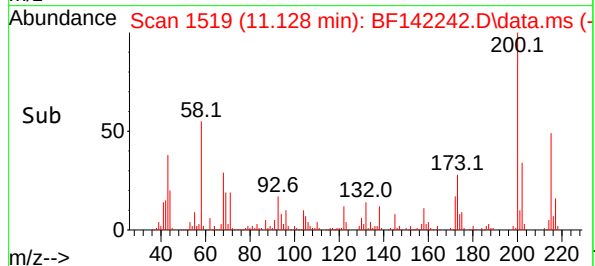
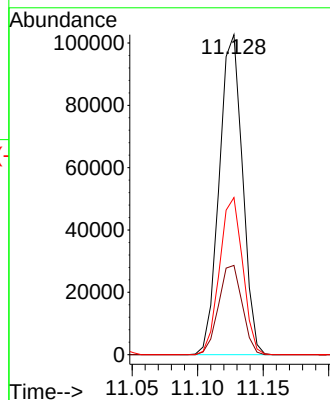
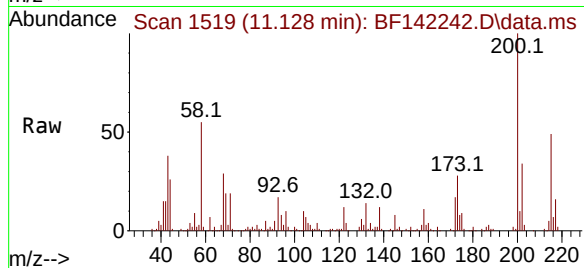
215 49.1 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 18.301 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.005 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

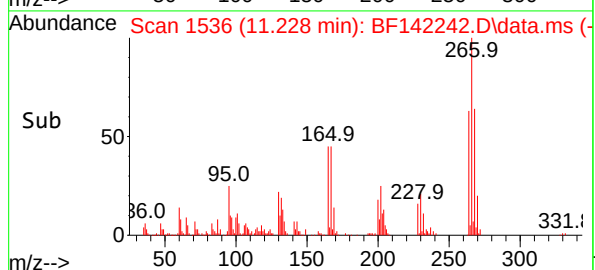
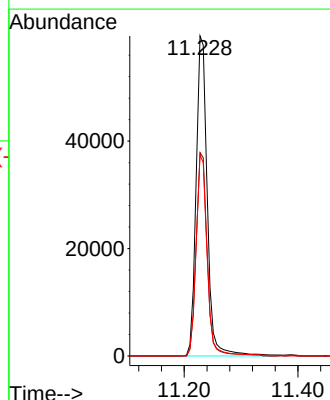
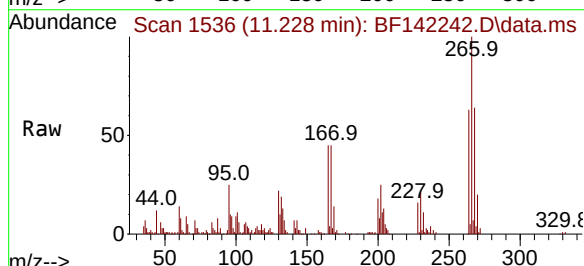
Tgt Ion:266 Resp: 81929

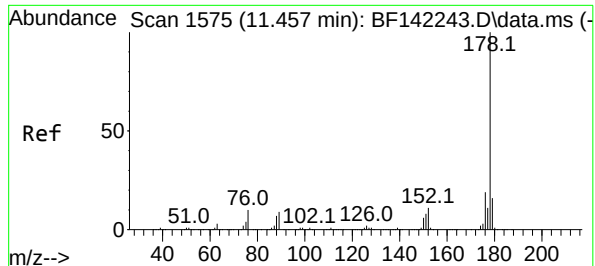
Ion Ratio Lower Upper

266 100

268 63.6 50.0 75.0

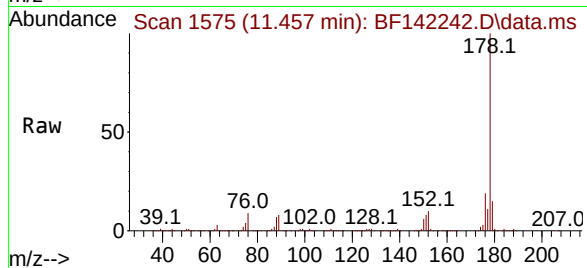
264 62.8 49.3 73.9





#71
Phenanthrene
Concen: 20.723 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

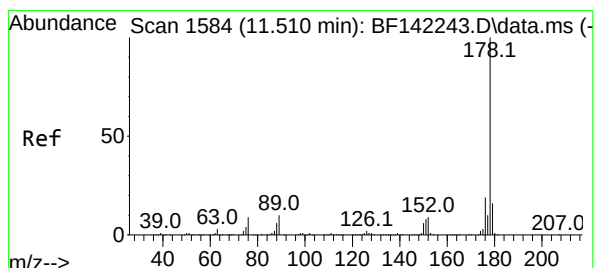
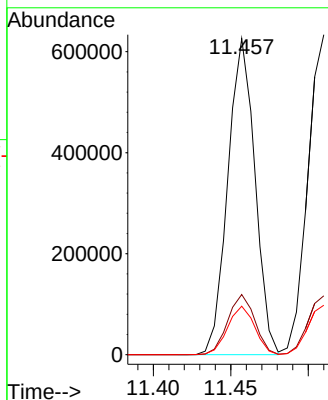
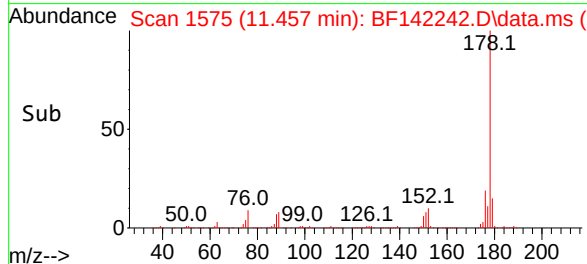
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



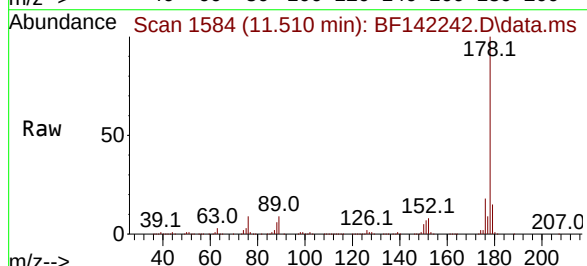
Tgt Ion:178 Resp: 760470
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.6 19.0

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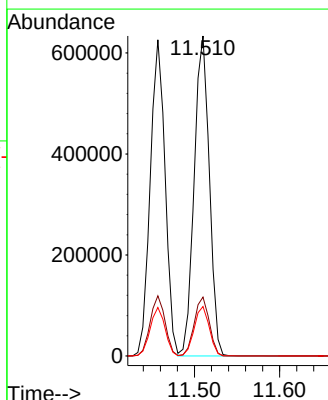
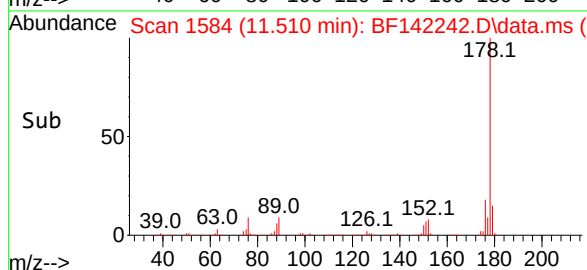
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

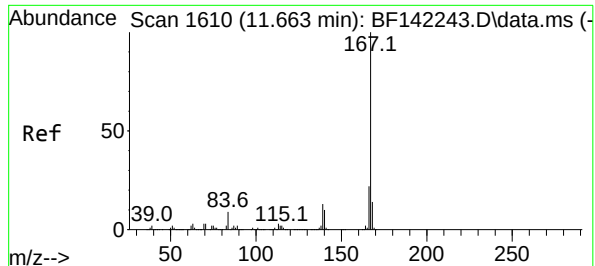


#72
Anthracene
Concen: 20.848 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



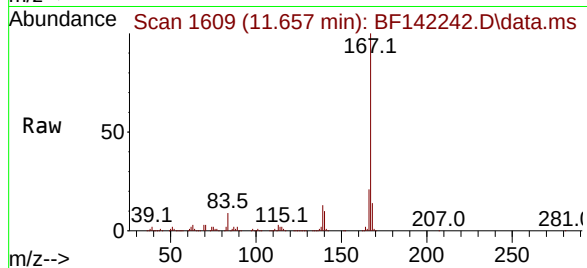
Tgt Ion:178 Resp: 782215
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 15.5 12.7 19.1





#73
Carbazole
Concen: 21.059 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

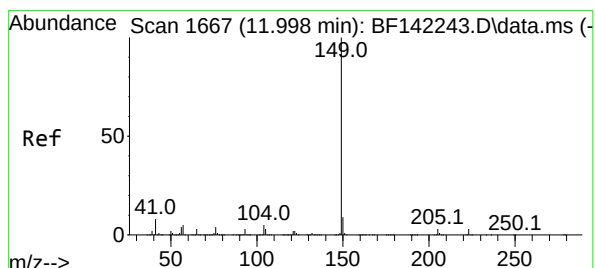
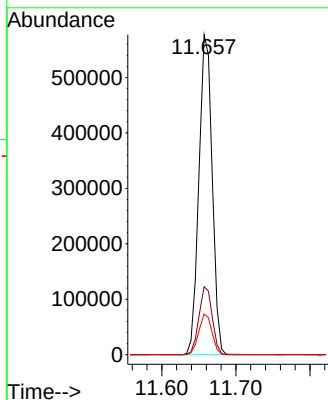
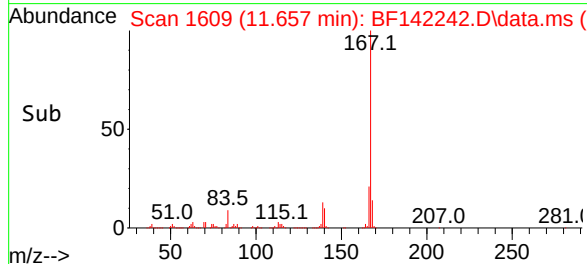
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



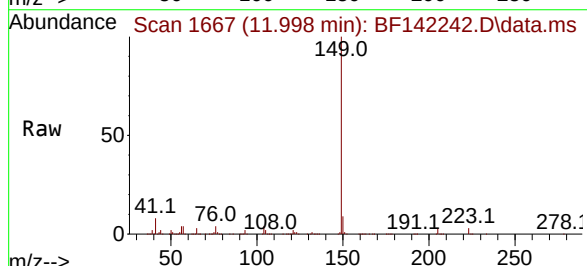
Tgt Ion:167 Resp: 720775
Ion Ratio Lower Upper
167 100
166 21.2 17.3 25.9
139 12.7 10.3 15.5

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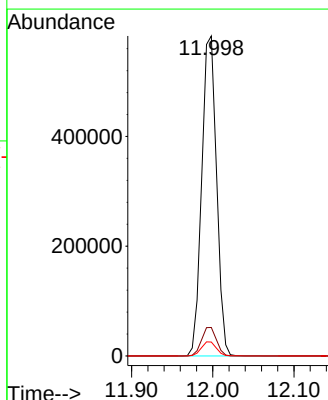
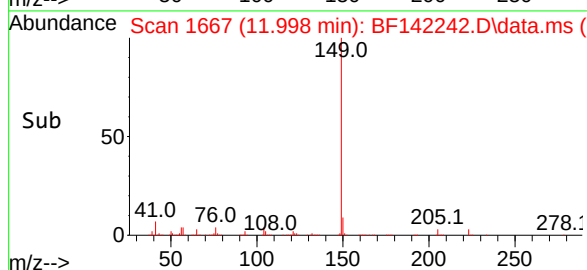
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

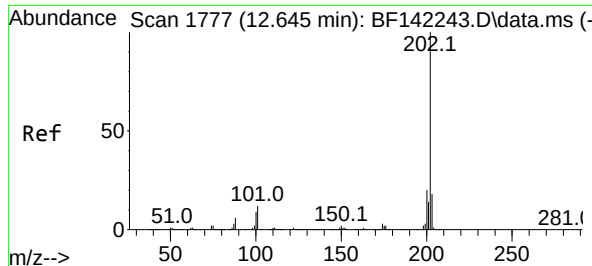


#74
Di-n-butylphthalate
Concen: 21.469 ng
RT: 11.998 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



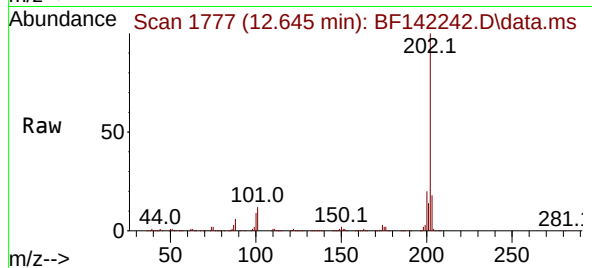
Tgt Ion:149 Resp: 739011
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 21.636 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

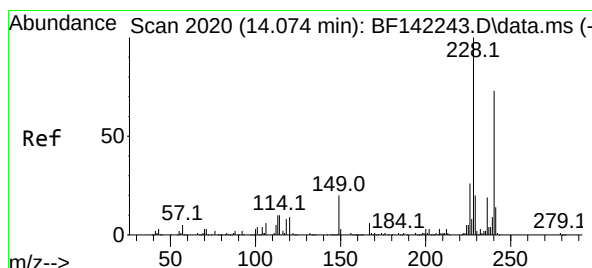
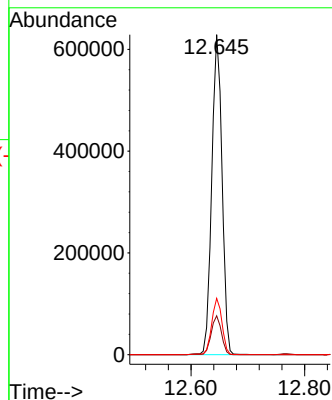
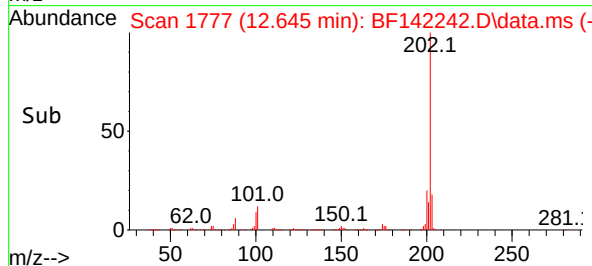
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



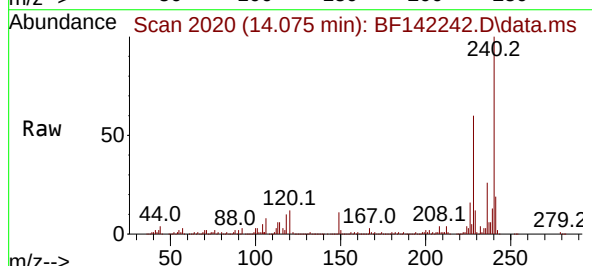
Tgt Ion:202 Resp: 784880
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.4
203 17.6 0.0 37.5

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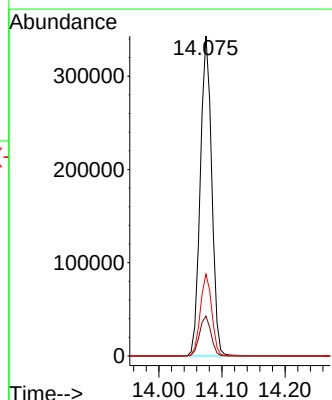
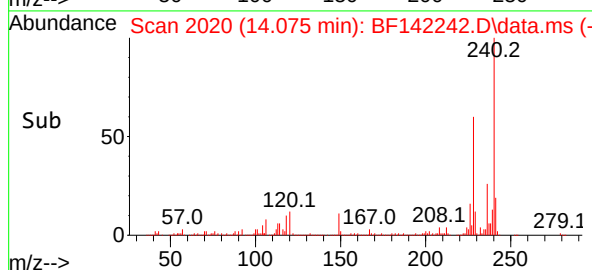
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

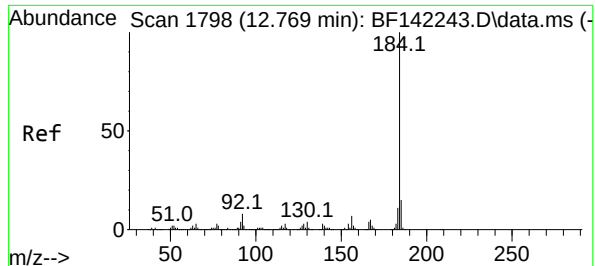


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



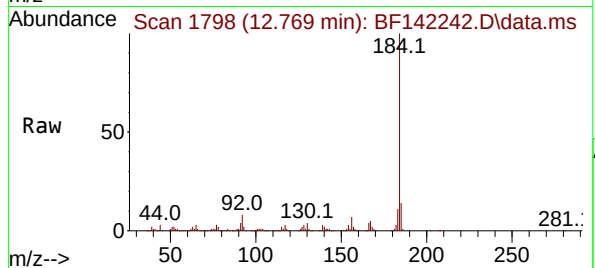
Tgt Ion:240 Resp: 430351
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 20.837 ng
RT: 12.769 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

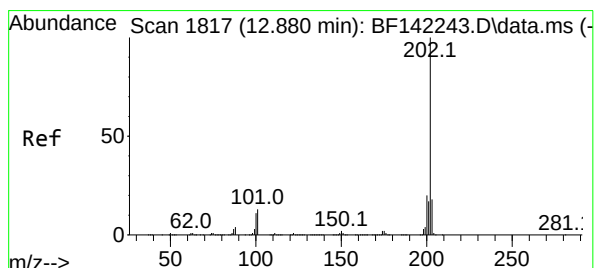
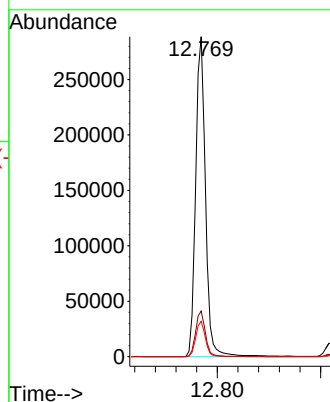
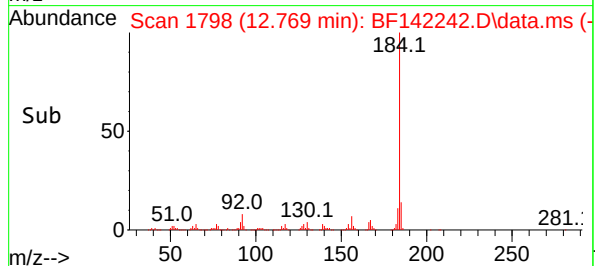
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 381034
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.1 8.9 13.3

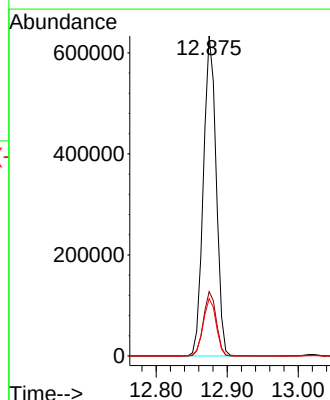
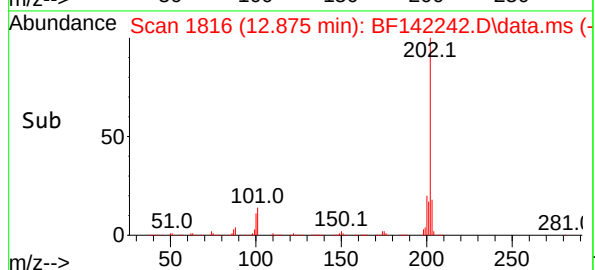
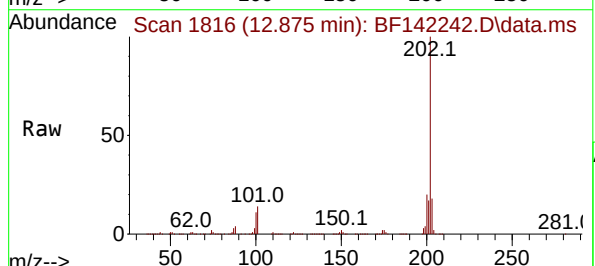
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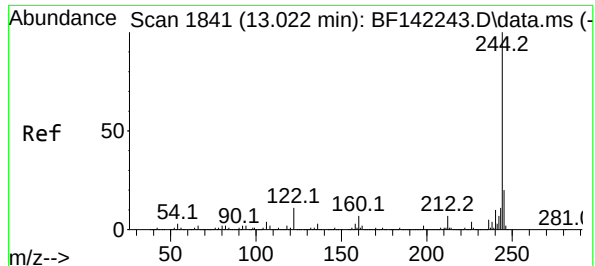
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 20.046 ng
RT: 12.875 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:202 Resp: 795806
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 41.357 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF142242.D

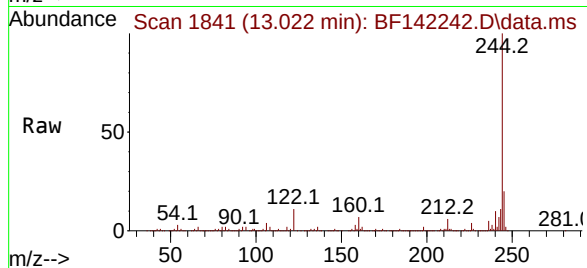
Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 122373

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

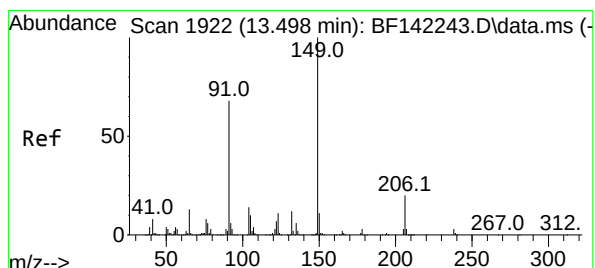
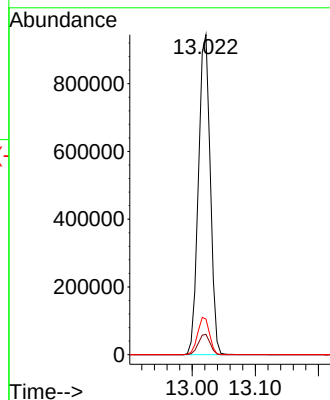
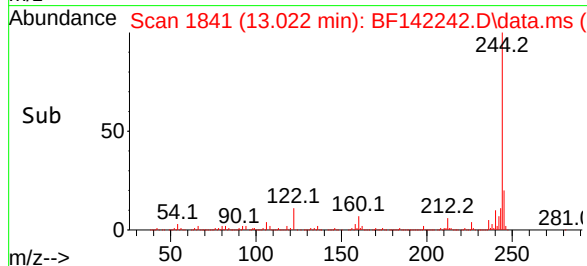
122 11.1 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#80

Butylbenzylphthalate

Concen: 18.529 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

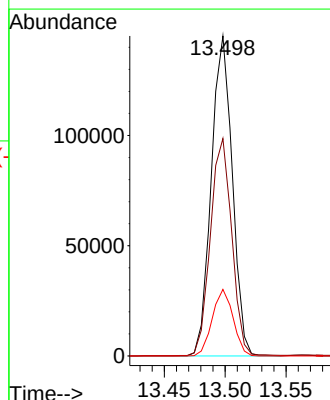
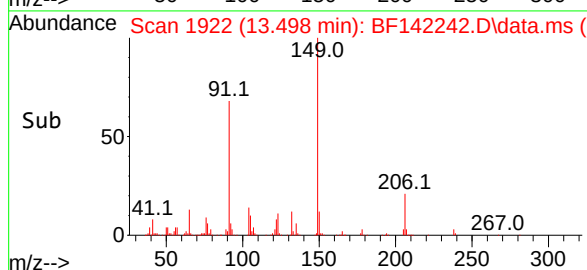
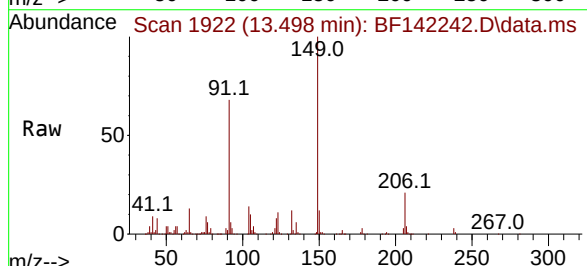
Tgt Ion:149 Resp: 174268

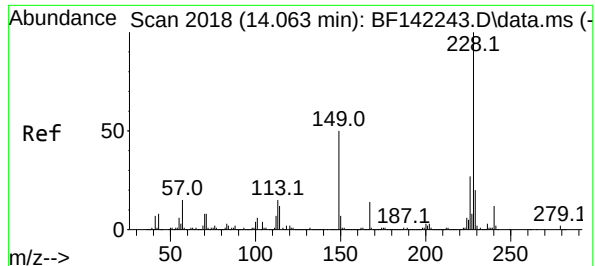
Ion Ratio Lower Upper

149 100

91 67.9 54.4 81.6

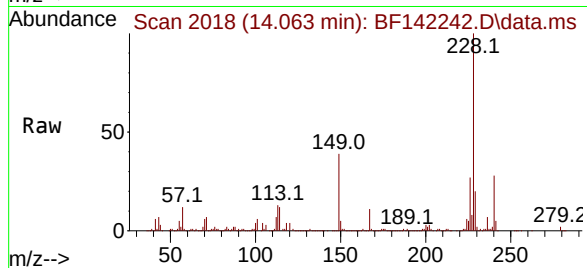
206 20.8 15.9 23.9





#81
Benzo(a)anthracene
Concen: 19.849 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

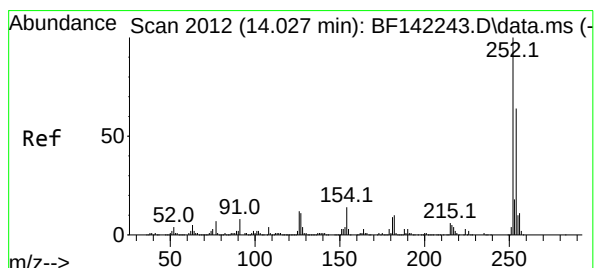
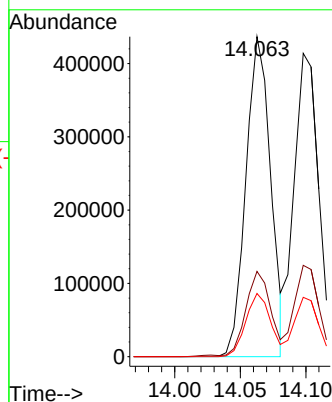
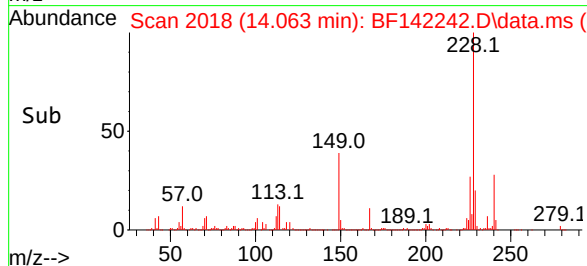
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



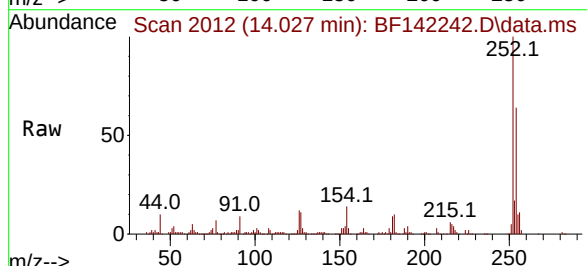
Tgt Ion:228 Resp: 573438
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.7 16.0 24.0

Manual Integrations
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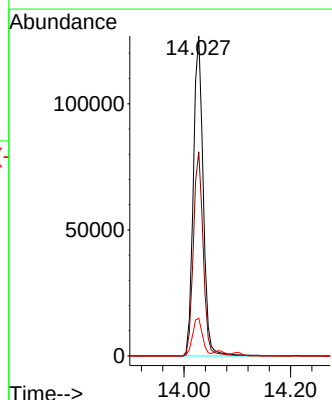
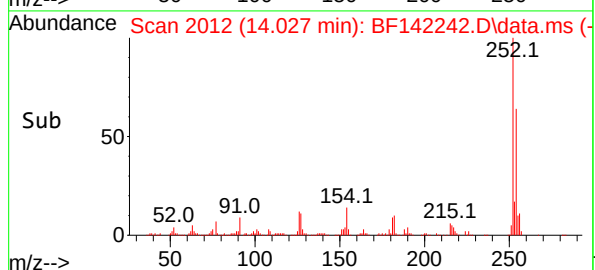
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

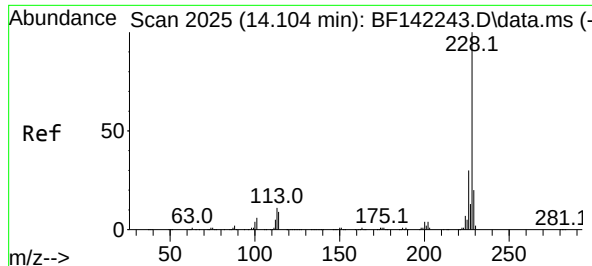


#82
3,3'-Dichlorobenzidine
Concen: 19.251 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49



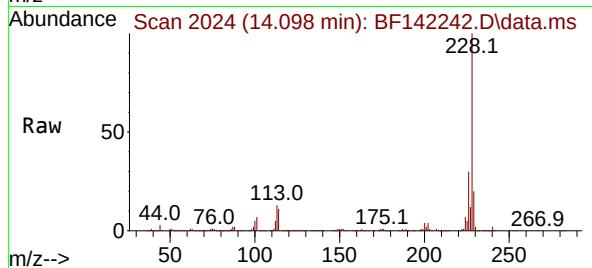
Tgt Ion:252 Resp: 163359
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 11.8 9.4 14.2





#83
Chrysene
Concen: 20.435 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

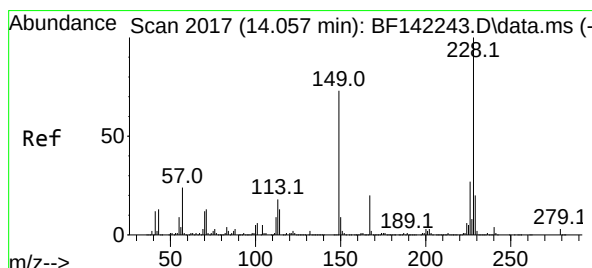
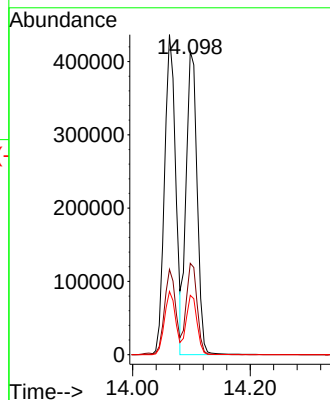
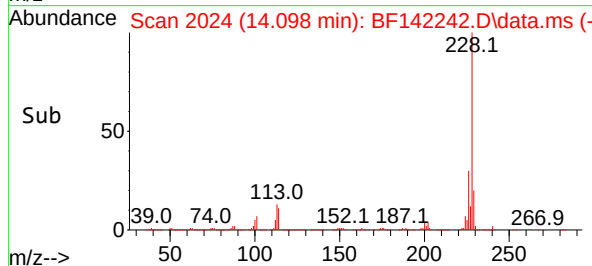
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 537388
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.6 15.7 23.5

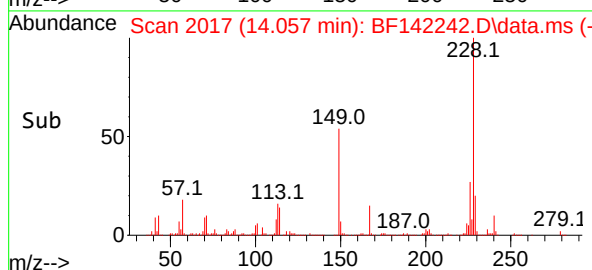
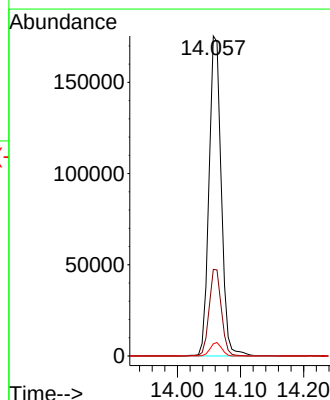
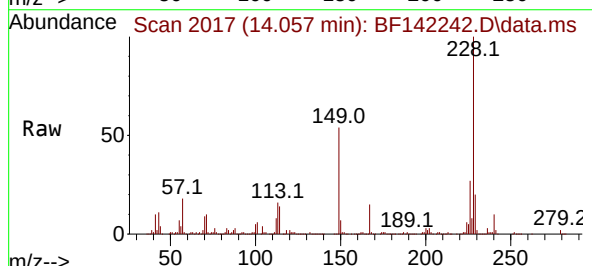
Manual Integrations
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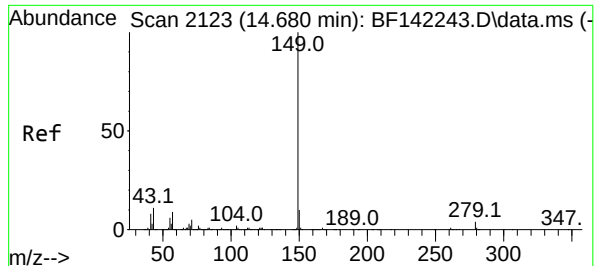
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.042 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

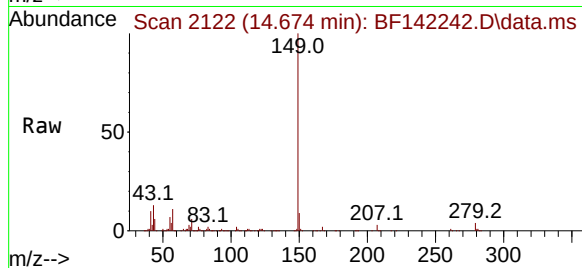
Tgt Ion:149 Resp: 236325
Ion Ratio Lower Upper
149 100
167 27.1 21.7 32.5
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 17.998 ng
RT: 14.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

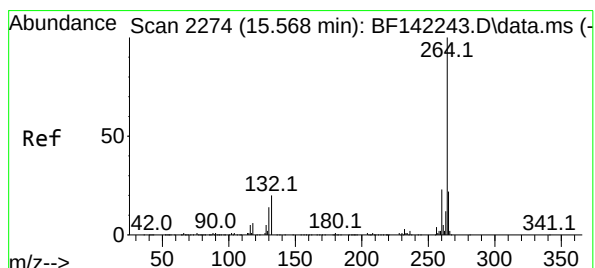
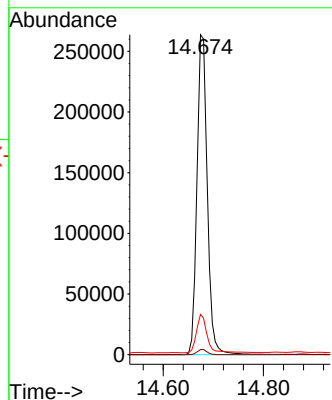
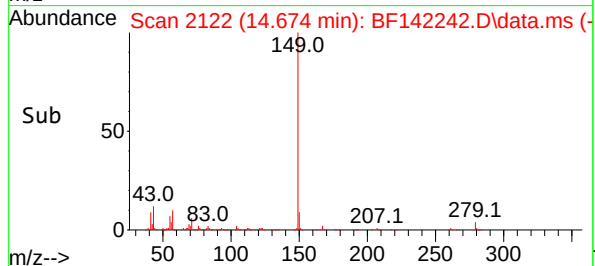
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 376362
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.4 9.3 13.9

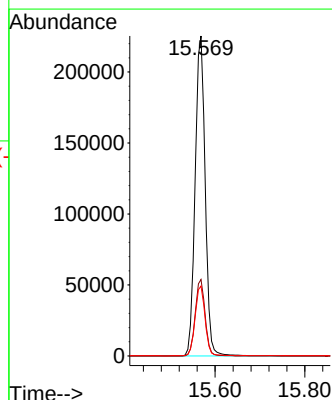
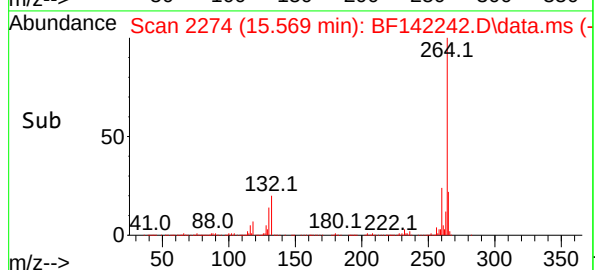
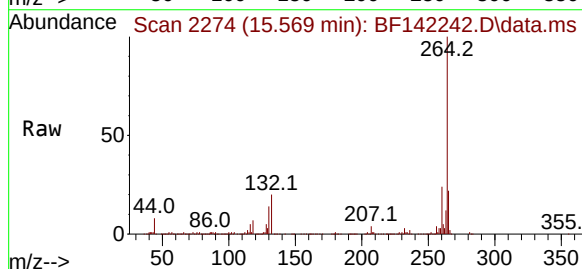
Manual Integrations
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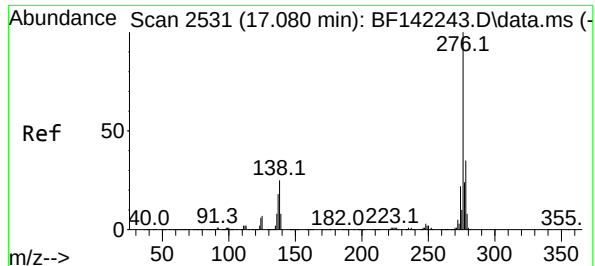
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.569 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:264 Resp: 350840
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.021 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 514490

Ion Ratio Lower Upper

276 100

138 28.9 22.6 33.8

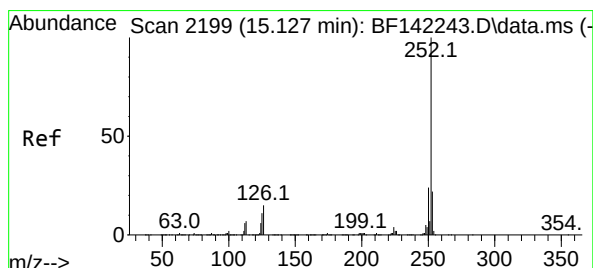
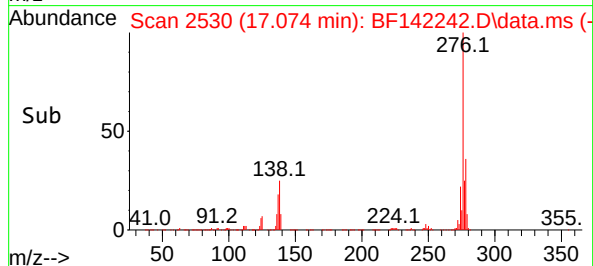
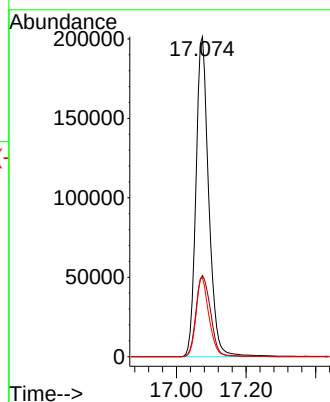
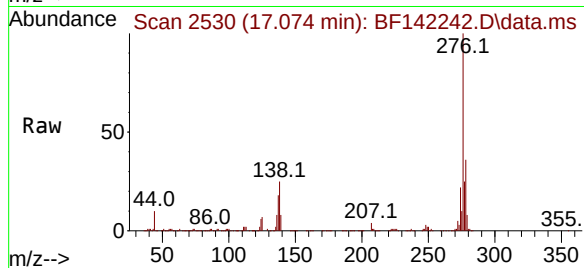
277 25.1 20.1 30.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 19.442 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

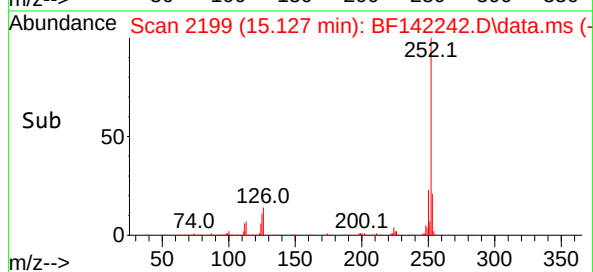
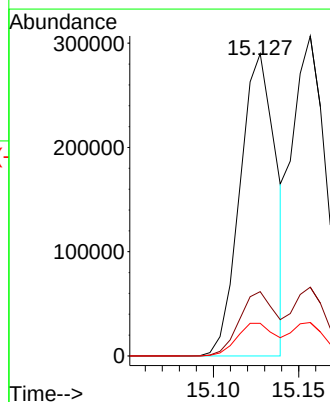
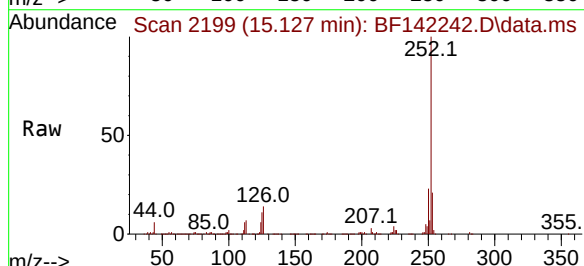
Tgt Ion:252 Resp: 423694

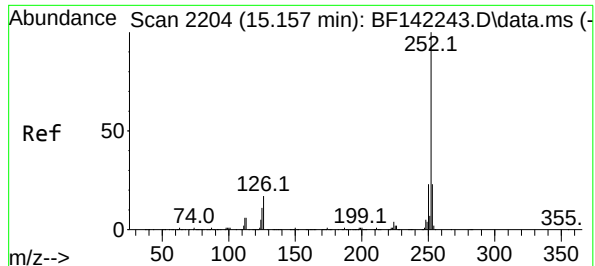
Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

125 10.8 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 21.504 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 428640

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

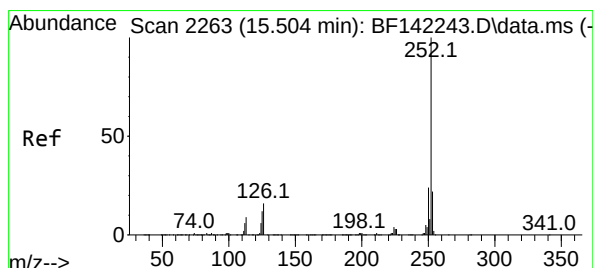
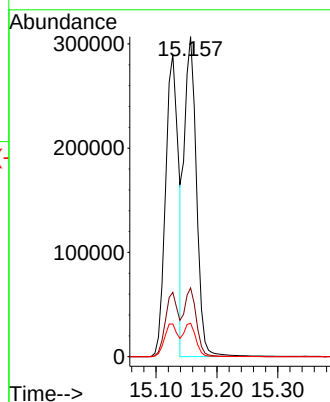
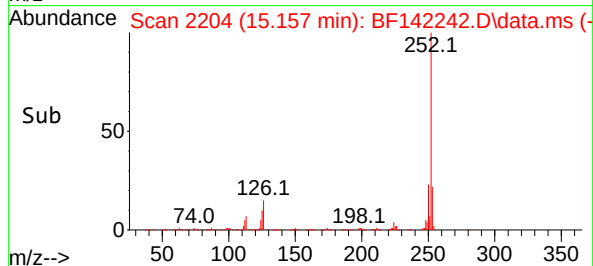
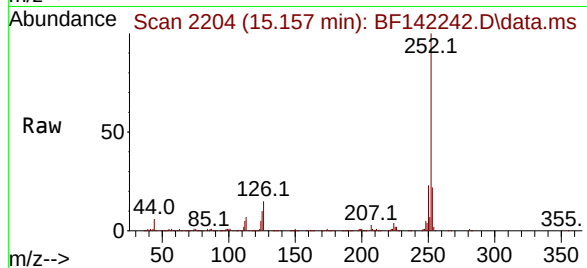
125 10.5 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 20.154 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142242.D

Acq: 30 Apr 2025 12:49

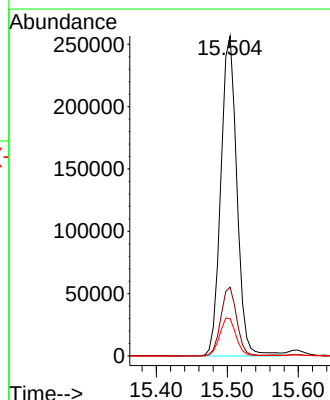
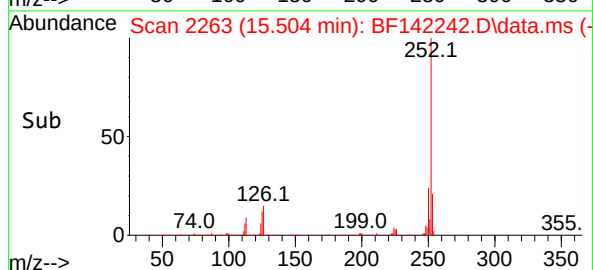
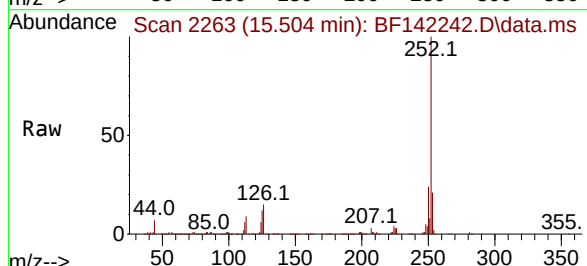
Tgt Ion:252 Resp: 402101

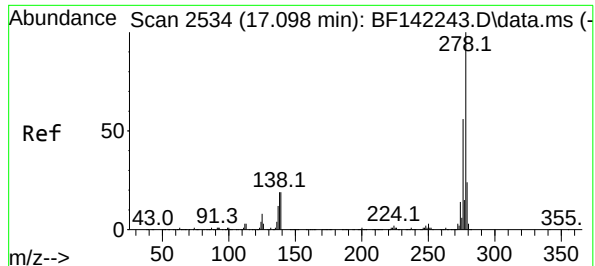
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

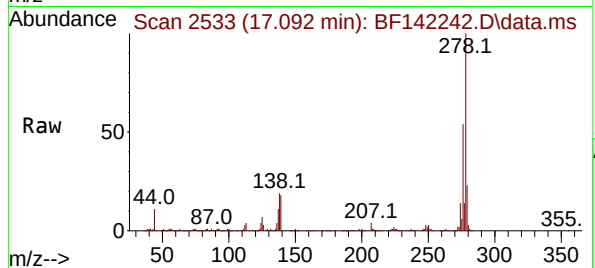
125 11.7 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 20.139 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

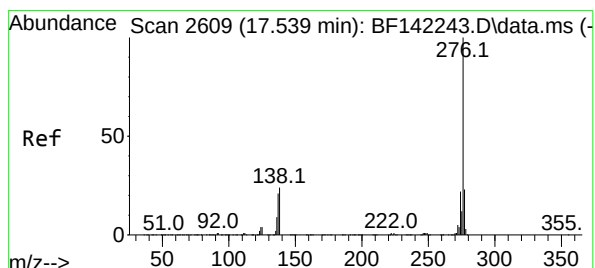
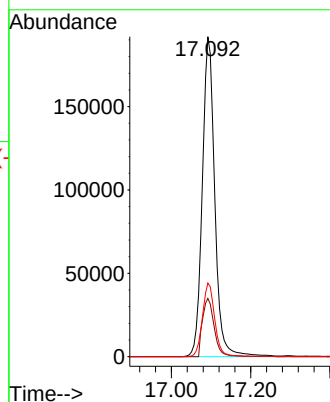
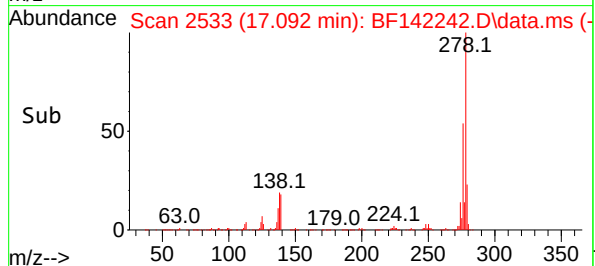
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 420029
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.0 19.0 28.6

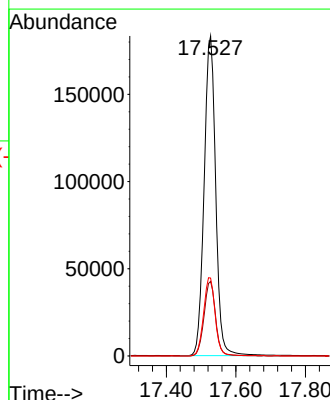
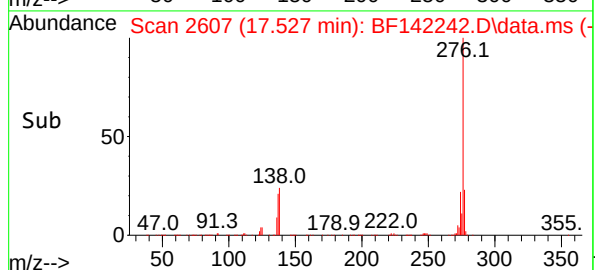
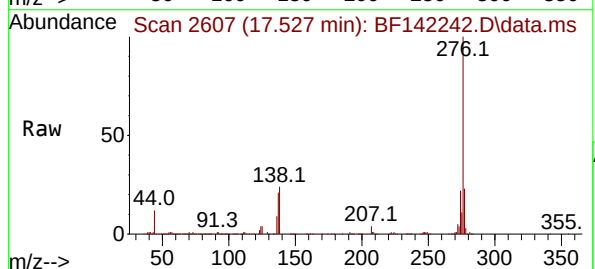
Manual Integrations
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Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 20.150 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142242.D
Acq: 30 Apr 2025 12:49

Tgt Ion:276 Resp: 422497
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 24.4 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142243.D
 Acq On : 30 Apr 2025 13:17
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180007	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	706244	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	370869	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	616408	20.000	ng	0.00
76) Chrysene-d12	14.074	240	331192	20.000	ng	0.00
86) Perylene-d12	15.568	264	328405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	946150	83.944	ng	0.00
7) Phenol-d6	6.528	99	1146926	84.267	ng	0.00
23) Nitrobenzene-d5	7.475	82	961009	89.396	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	302223	89.389	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2089707	79.446	ng	0.00
79) Terphenyl-d14	13.022	244	1962470	86.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	213029	42.319	ng	100
3) Pyridine	3.463	79	547989	41.886	ng	100
4) n-Nitrosodimethylamine	3.410	42	290357	42.887	ng	100
6) Aniline	6.569	93	808338	41.959	ng	100
8) 2-Chlorophenol	6.693	128	496290	42.612	ng	100
9) Benzaldehyde	6.457	77	402047	42.263	ng	100
10) Phenol	6.540	94	617257	42.128	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	474404	41.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	551813	41.881	ng	100
13) 1,4-Dichlorobenzene	6.928	146	556691	41.937	ng	100
14) 1,2-Dichlorobenzene	7.081	146	530895	41.892	ng	100
15) Benzyl Alcohol	7.046	79	413830	42.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.187	45	858875	41.888	ng	100
17) 2-Methylphenol	7.151	107	403467	42.287	ng	100
18) Hexachloroethane	7.428	117	183881	42.322	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	348288	41.410	ng	100
20) 3+4-Methylphenols	7.304	107	503856	42.229	ng	100
22) Acetophenone	7.316	105	660959	40.454	ng	100
24) Nitrobenzene	7.493	77	463357	43.929	ng	100
25) Isophorone	7.728	82	931763	41.299	ng	100
26) 2-Nitrophenol	7.804	139	162563	38.737	ng	100
27) 2,4-Dimethylphenol	7.834	122	476186	41.862	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	586887	41.247	ng	100
29) 2,4-Dichlorophenol	8.040	162	410487	43.163	ng	100
30) 1,2,4-Trichlorobenzene	8.134	180	440825	41.539	ng	100
31) Naphthalene	8.216	128	1441240	40.920	ng	100
32) Benzoic acid	7.934	122	184052m	37.083	ng	
33) 4-Chloroaniline	8.257	127	606136	41.328	ng	100
34) Hexachlorobutadiene	8.334	225	260821	42.125	ng	100
35) Caprolactam	8.622	113	122598	42.889	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	417126	42.715	ng	100
37) 2-Methylnaphthalene	8.904	142	880315	40.652	ng	100
38) 1-Methylnaphthalene	9.004	142	920983	41.054	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	427286	40.938	ng	100
41) Hexachlorocyclopentadiene	9.057	237	260979	44.056	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	274555	42.450	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142243.D
 Acq On : 30 Apr 2025 13:17
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

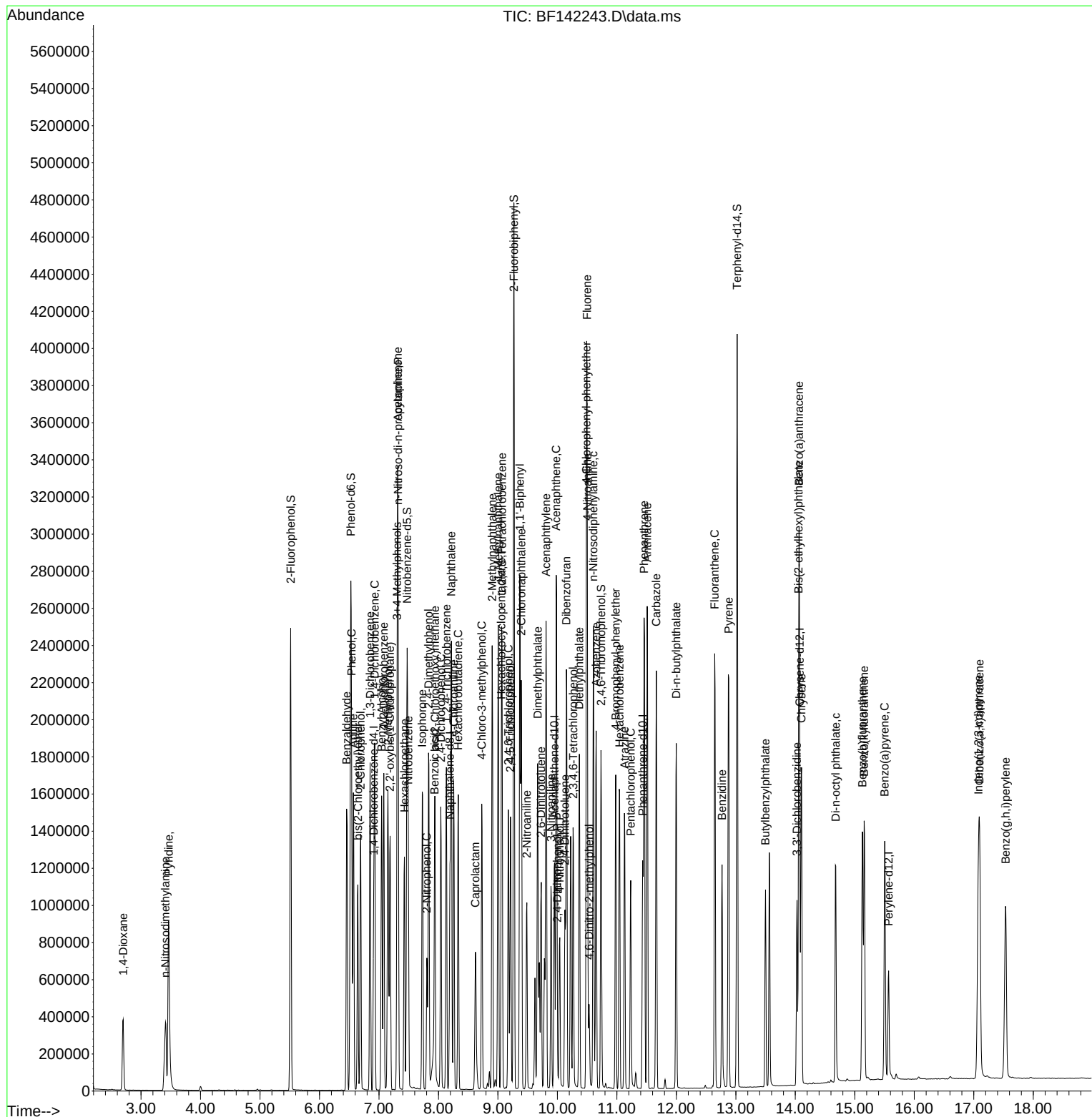
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	ng	100
50) Dimethylphthalate	9.669	163	980172	41.312	ng	100
51) 2,6-Dinitrotoluene	9.728	165	178867	40.034	ng	100
52) Acenaphthene	9.981	154	869604	41.145	ng	100
53) 3-Nitroaniline	9.892	138	221168	40.485	ng	100
54) 2,4-Dinitrophenol	9.998	184	42260	38.466	ng	100
55) Dibenzofuran	10.151	168	1293035	40.813	ng	100
56) 4-Nitrophenol	10.039	139	159989	42.900	ng	100
57) 2,4-Dinitrotoluene	10.128	165	211218	39.352	ng	100
58) Fluorene	10.498	166	976948	40.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	247655	43.967	ng	100
60) Diethylphthalate	10.369	149	974036	41.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	468898	40.986	ng	100
62) 4-Nitroaniline	10.504	138	201491	40.498	ng	100
63) Azobenzene	10.651	77	948440	40.994	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	67678	36.574	ng	100
66) n-Nitrosodiphenylamine	10.604	169	877338	41.656	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	291063	42.400	ng	100
68) Hexachlorobenzene	11.045	284	321448	41.809	ng	100
69) Atrazine	11.128	200	234825	42.299	ng	100
70) Pentachlorophenol	11.233	266	177755	43.764	ng	100
71) Phenanthrene	11.457	178	1371009	41.176	ng	100
72) Anthracene	11.510	178	1390308	40.840	ng	100
73) Carbazole	11.663	167	1273184	40.999	ng	100
74) Di-n-butylphthalate	11.998	149	1317363	42.180	ng	100
75) Fluoranthene	12.645	202	1338006	40.652	ng	100
77) Benzidine	12.769	184	638142	45.346	ng	100
78) Pyrene	12.880	202	1341800	43.920	ng	100
80) Butylbenzylphthalate	13.498	149	334175	40.624	ng	100
81) Benzo(a)anthracene	14.063	228	952290	42.831	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	292958	44.859	ng	100
83) Chrysene	14.104	228	816041	40.321	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	460074	40.356	ng	100
85) Di-n-octyl phthalate	14.680	149	836078	40.504	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1059591	44.049	ng	100
88) Benzo(b)fluoranthene	15.127	252	854971	41.912	ng	100
89) Benzo(k)fluoranthene	15.157	252	752135	40.310	ng	100
90) Benzo(a)pyrene	15.504	252	790330	42.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	861783	44.142	ng	100
92) Benzo(g,h,i)perylene	17.539	276	858804	43.758	ng	100

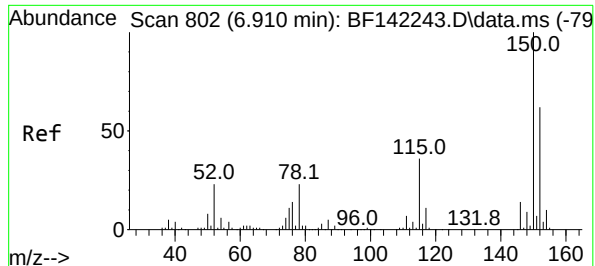
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

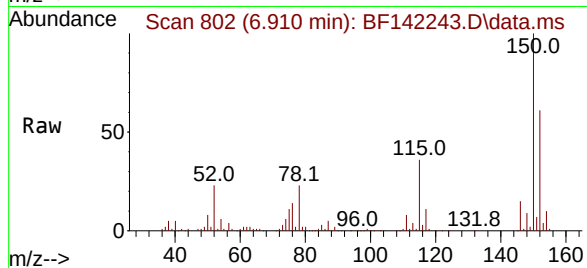
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

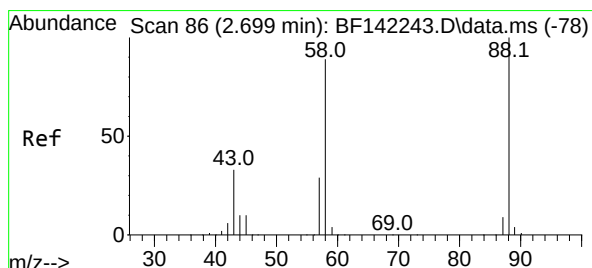
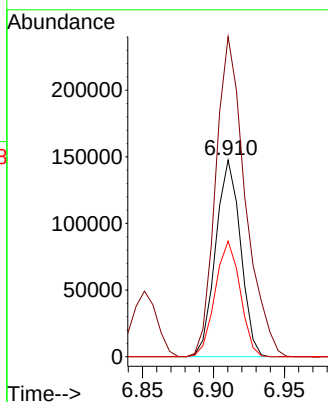
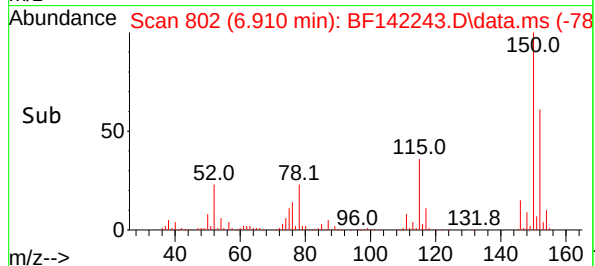
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 180000
Ion Ratio Lower Upper
152 100
150 162.7 130.2 195.2
115 58.7 47.0 70.4

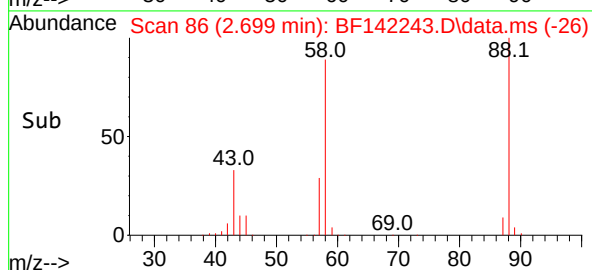
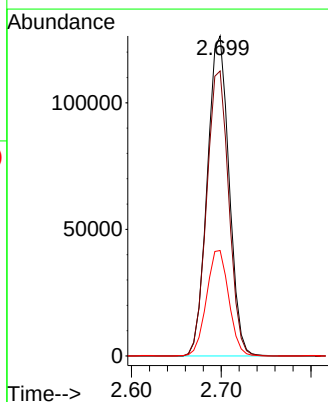
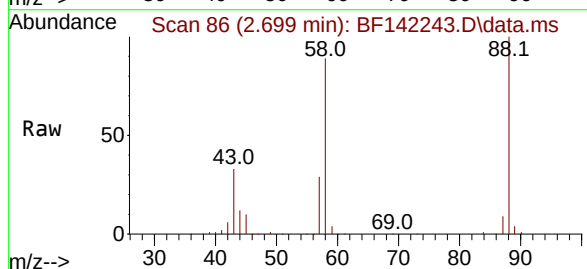
Manual Integrations
APPROVED

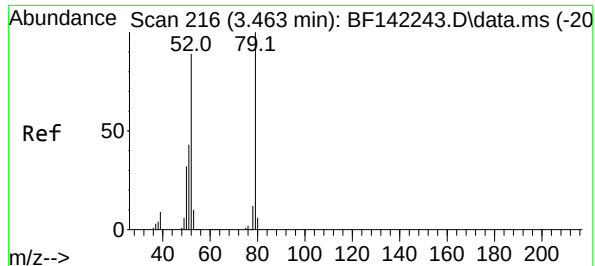
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 42.319 ng
RT: 2.699 min Scan# 86
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

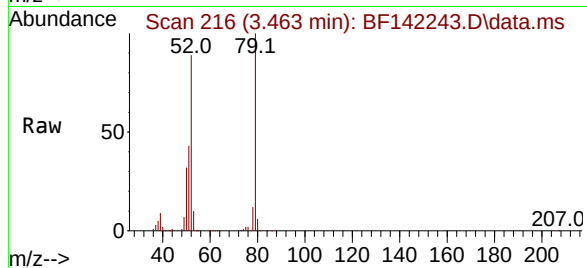
Tgt Ion: 88 Resp: 213029
Ion Ratio Lower Upper
88 100
58 90.2 72.2 108.2
43 33.8 27.0 40.6





#3
Pyridine
Concen: 41.886 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

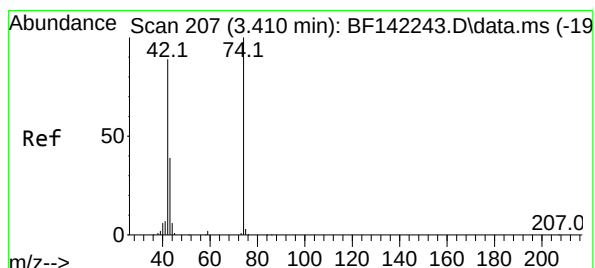
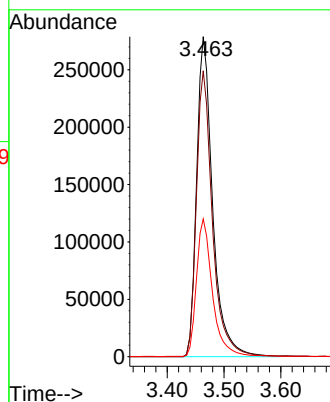
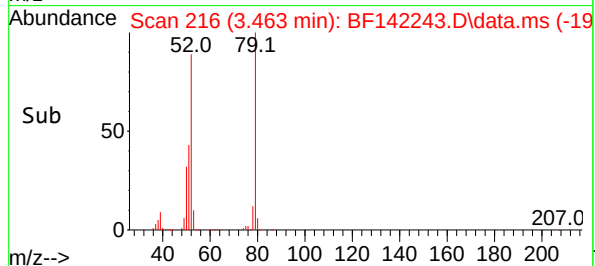
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 547989
Ion Ratio Lower Upper
79 100
52 89.4 71.5 107.3
51 43.1 34.5 51.7

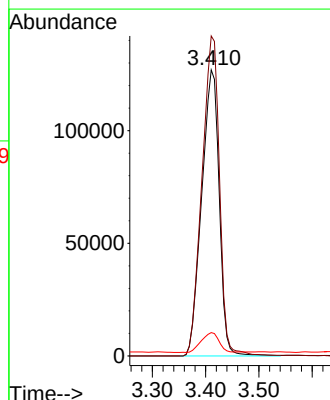
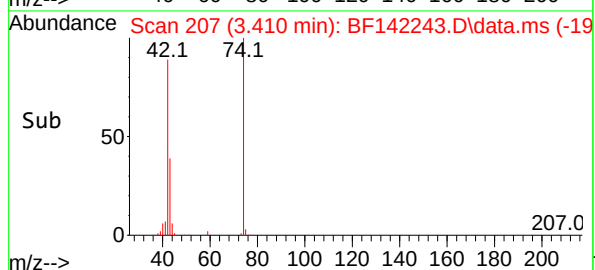
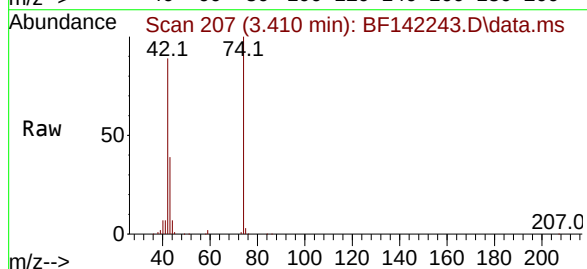
Manual Integrations
APPROVED

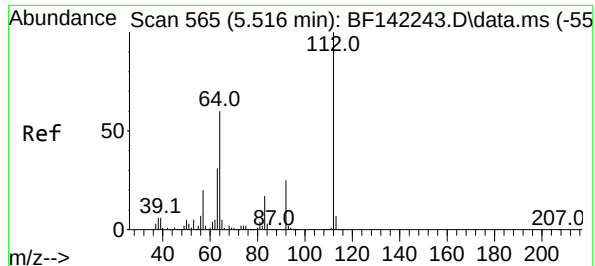
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#4
n-Nitrosodimethylamine
Concen: 42.887 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

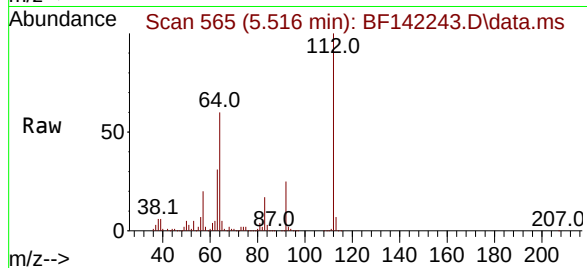
Tgt Ion: 42 Resp: 290357
Ion Ratio Lower Upper
42 100
74 111.9 89.5 134.3
44 8.2 6.6 9.8





#5
2-Fluorophenol
Concen: 83.944 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

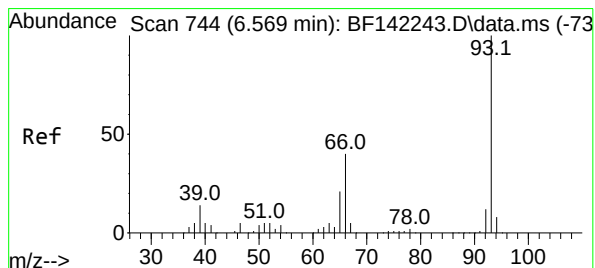
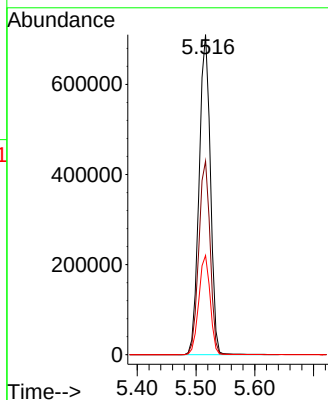
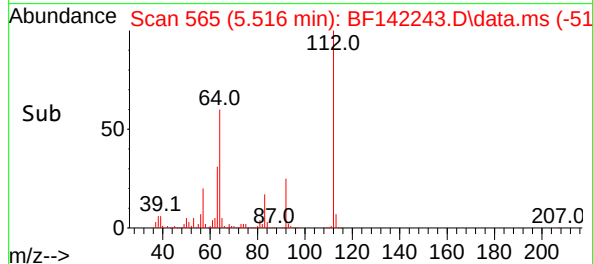
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 946150
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.0 24.8 37.2

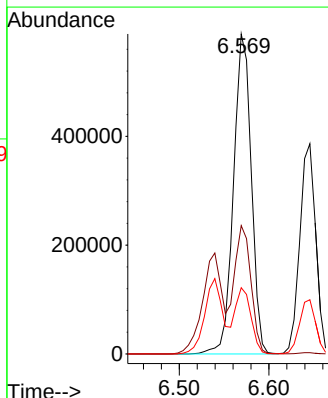
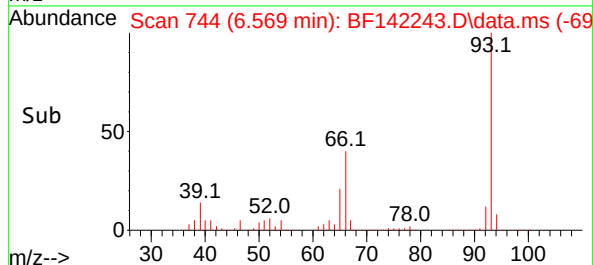
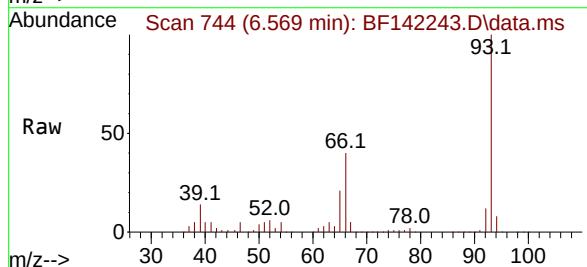
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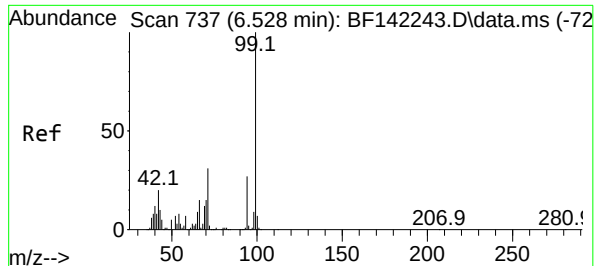
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 41.959 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 93 Resp: 808338
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 84.267 ng

RT: 6.528 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 1146920

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

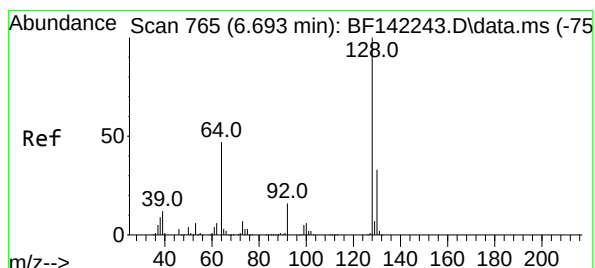
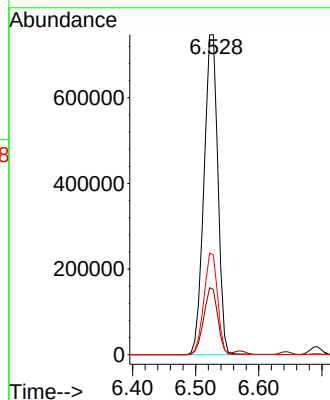
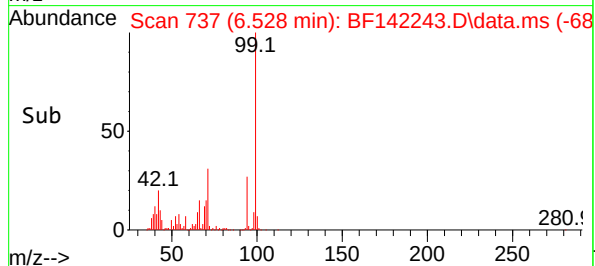
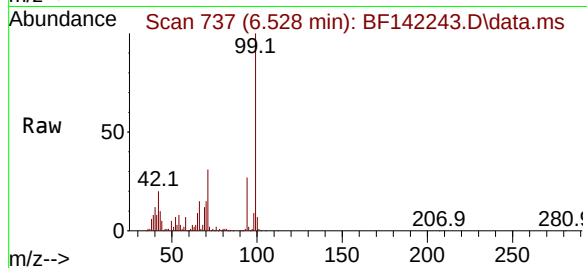
71 31.2 25.0 37.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#8

2-Chlorophenol

Concen: 42.612 ng

RT: 6.693 min Scan# 765

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

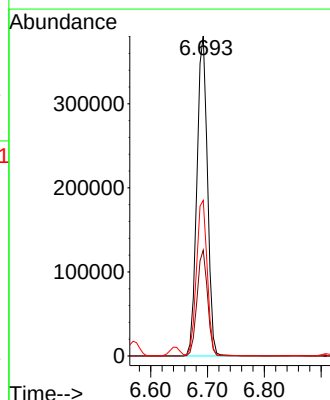
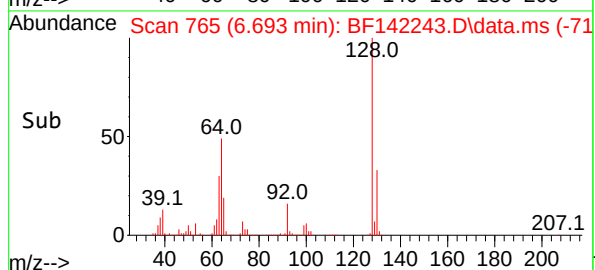
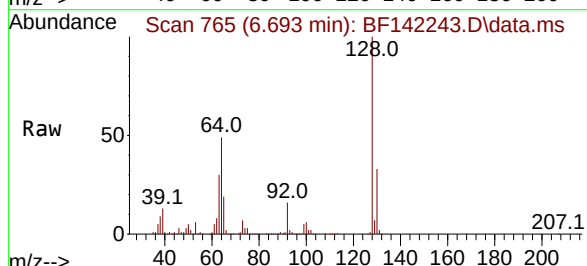
Tgt Ion:128 Resp: 496290

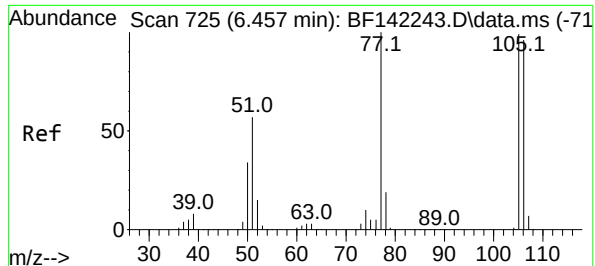
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 48.6 28.6 68.6





#9

Benzaldehyde

Concen: 42.263 ng

RT: 6.457 min Scan# 725

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 40204

Ion Ratio Lower Upper

77 100

105 99.1 79.1 119.1

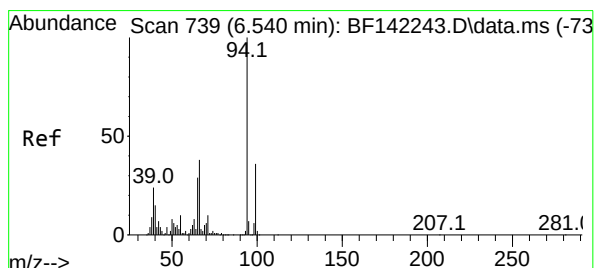
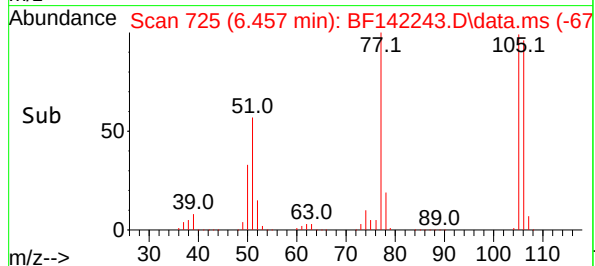
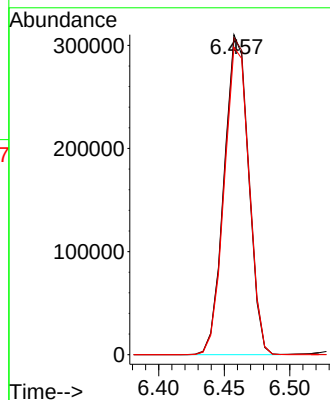
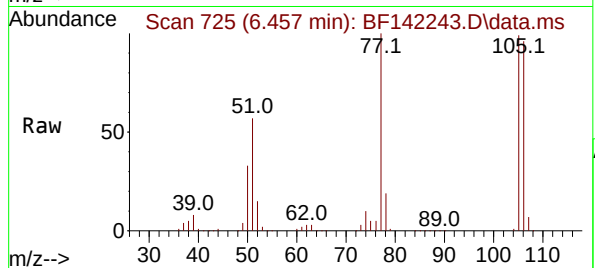
106 96.0 76.0 116.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 42.128 ng

RT: 6.540 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

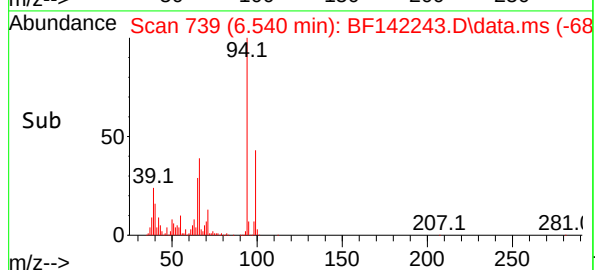
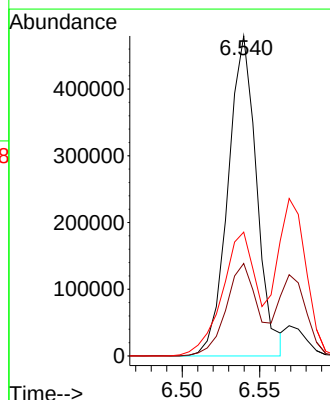
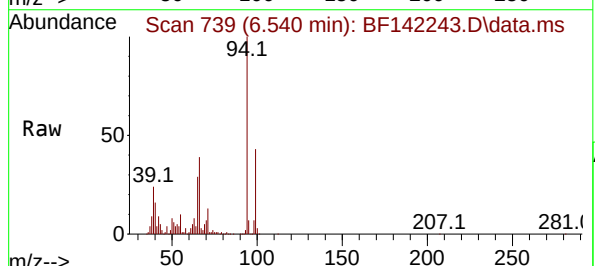
Tgt Ion: 94 Resp: 617257

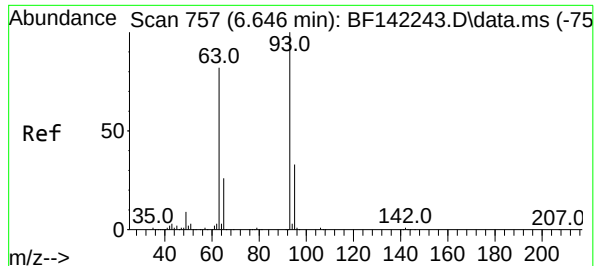
Ion Ratio Lower Upper

94 100

65 28.9 8.9 48.9

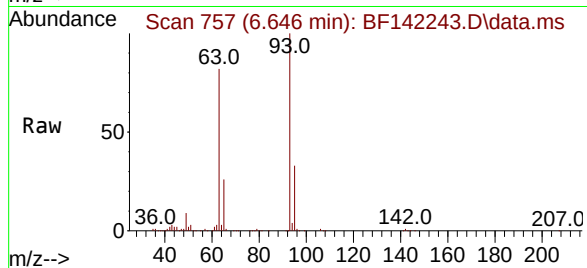
66 38.7 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 41.780 ng
RT: 6.646 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

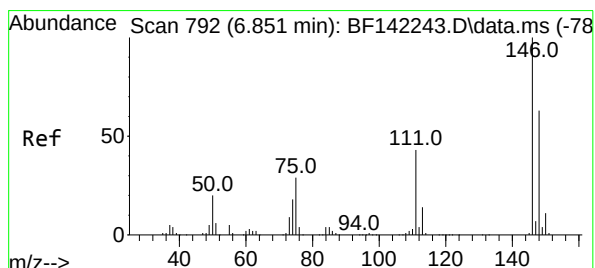
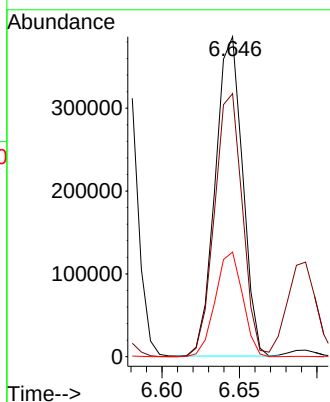
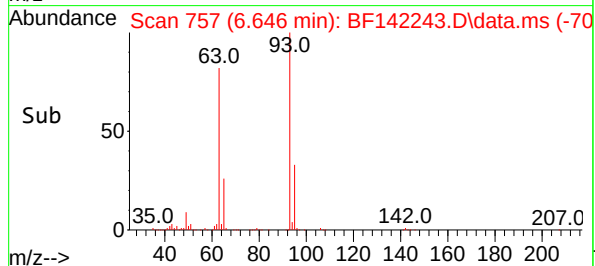
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 93 Resp: 474404
Ion Ratio Lower Upper
93 100
63 82.2 62.2 102.2
95 32.7 12.7 52.7

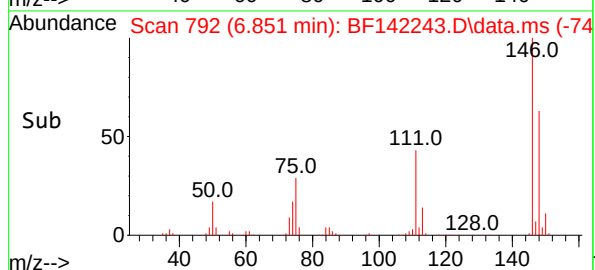
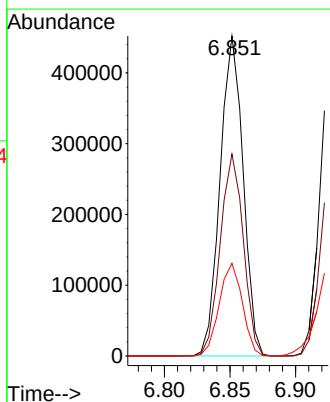
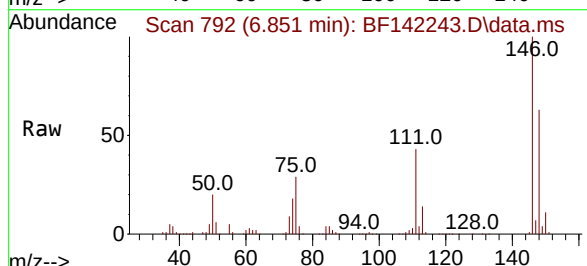
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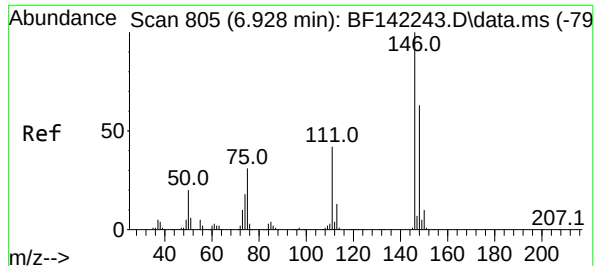
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 41.881 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:146 Resp: 551813
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 29.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.937 ng

RT: 6.928 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 55669

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

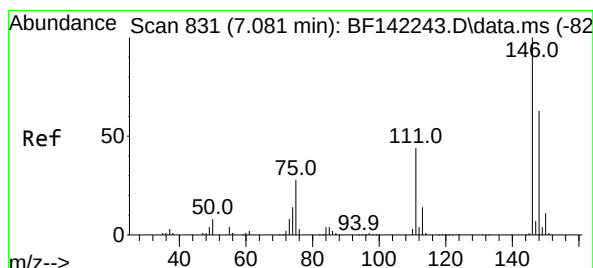
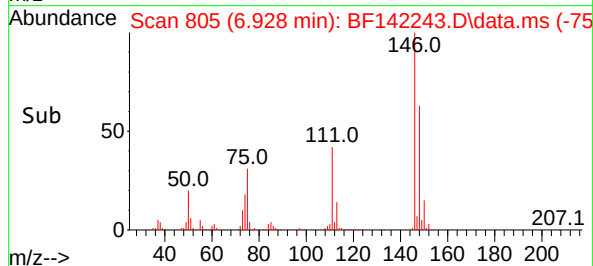
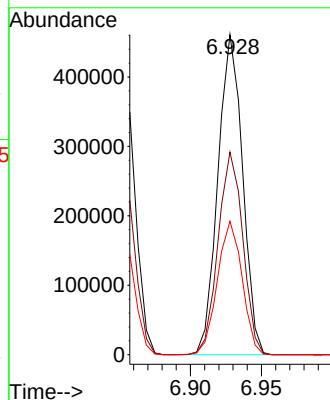
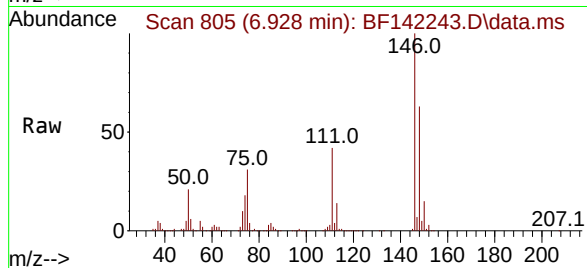
111 41.7 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 41.892 ng

RT: 7.081 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

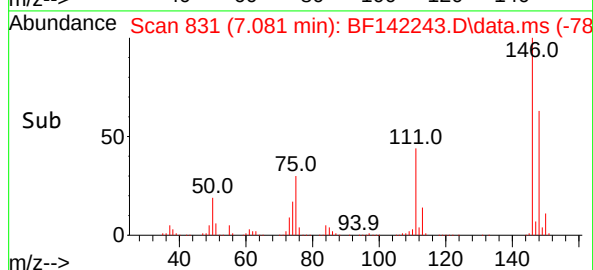
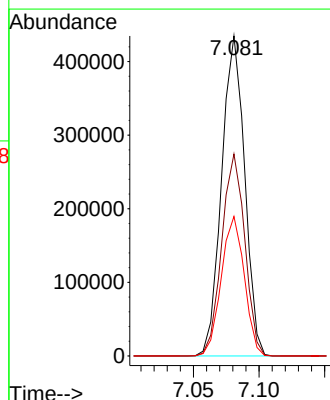
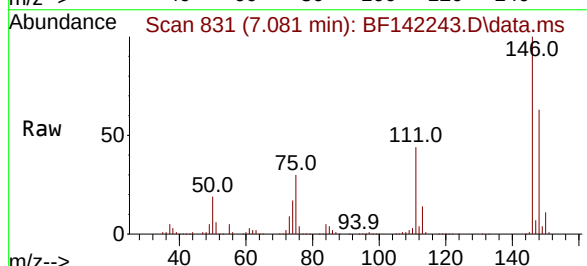
Tgt Ion:146 Resp: 530895

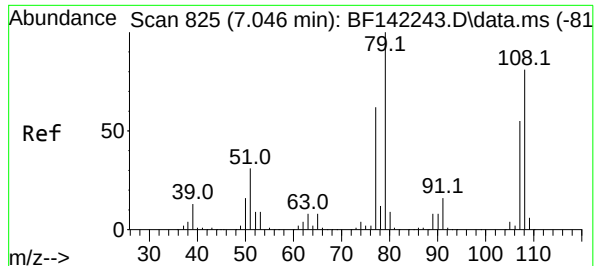
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 43.6 34.9 52.3





#15

Benzyl Alcohol

Concen: 42.870 ng

RT: 7.046 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 413830

Ion Ratio Lower Upper

79 100

108 80.6 64.5 96.7

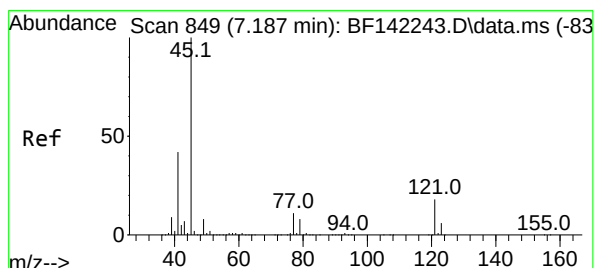
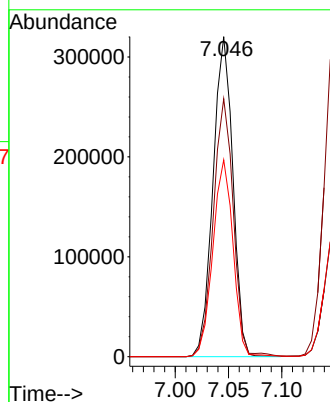
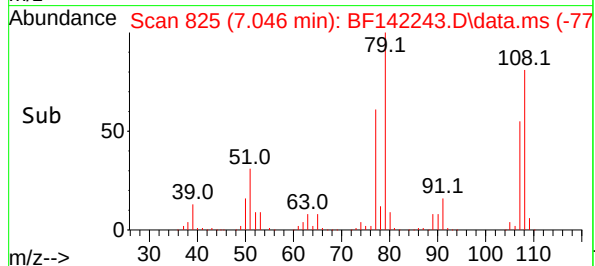
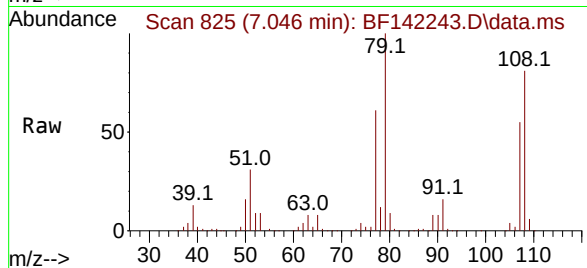
77 61.5 49.2 73.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.888 ng

RT: 7.187 min Scan# 849

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

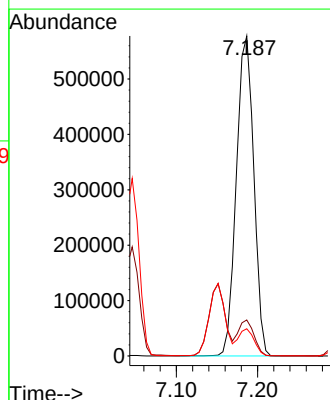
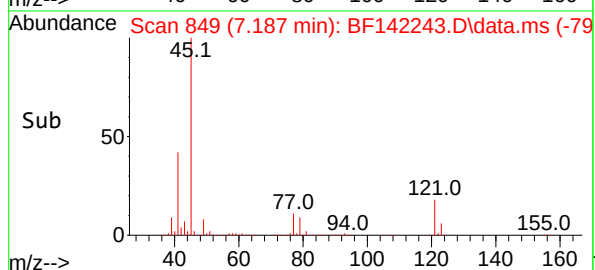
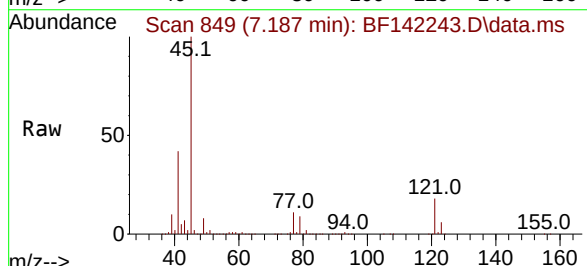
Tgt Ion: 45 Resp: 858875

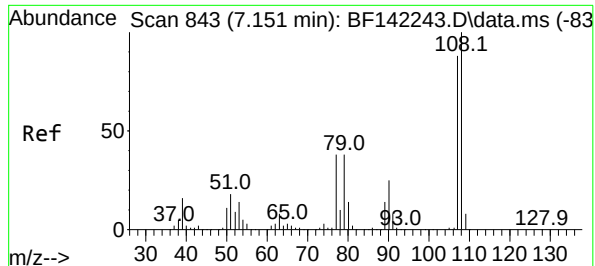
Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.3

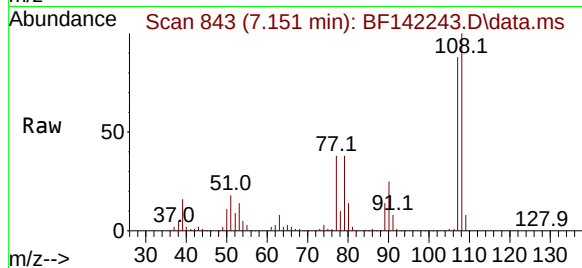
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 42.287 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

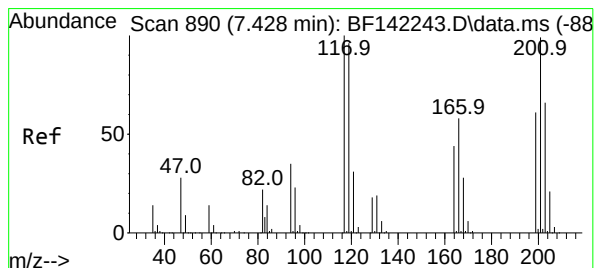
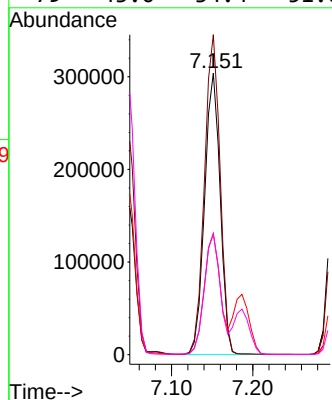
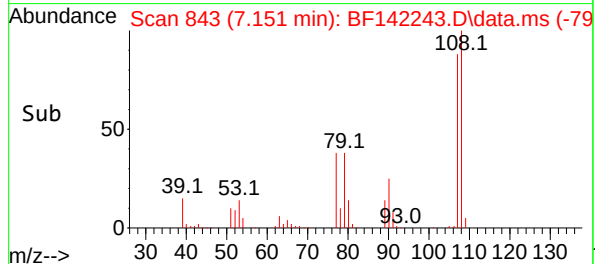
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 40346
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 43.0 34.4 51.6
79 43.0 34.4 51.6

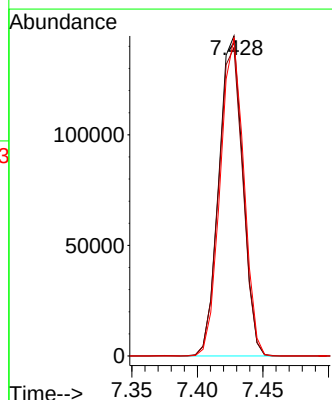
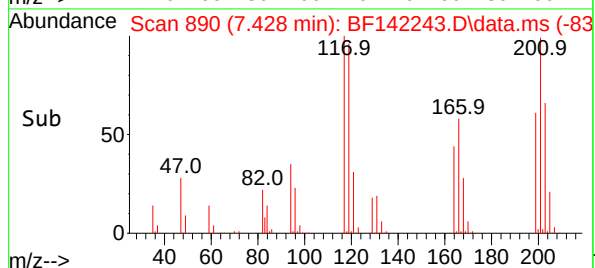
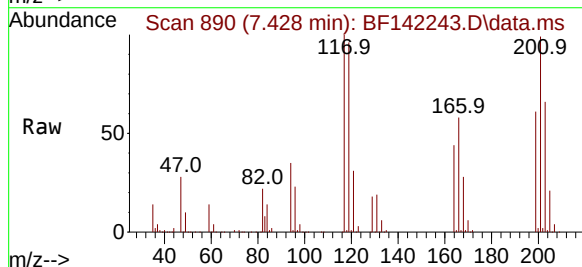
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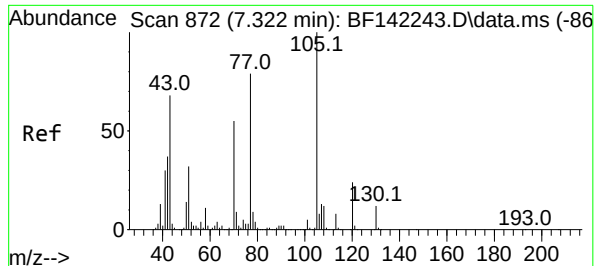
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 42.322 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:117 Resp: 183881
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 99.3 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.410 ng

RT: 7.322 min Scan# 872

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 34828

Ion Ratio Lower Upper

70 100

42 66.8 53.4 80.2

101 9.6 7.7 11.5

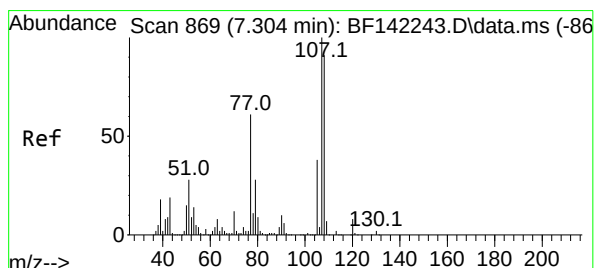
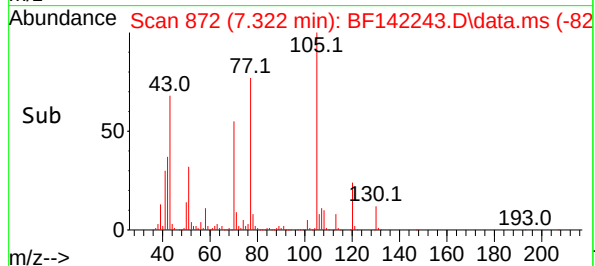
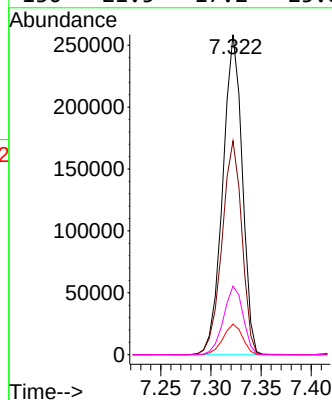
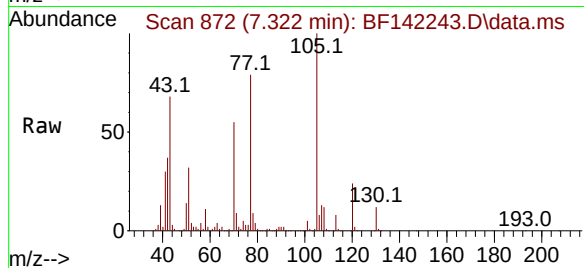
130 21.5 17.2 25.8

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 42.229 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 503856

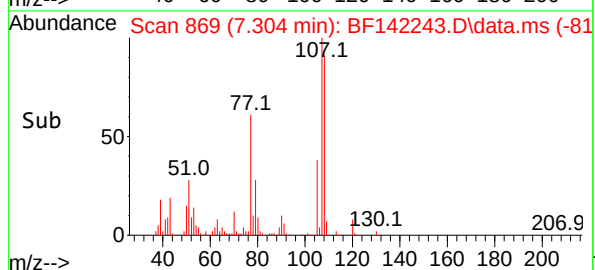
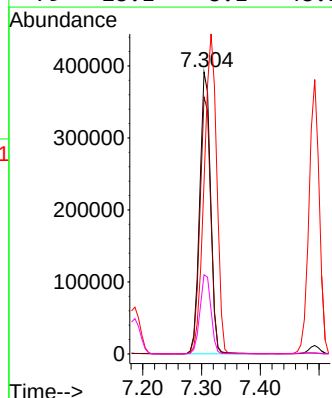
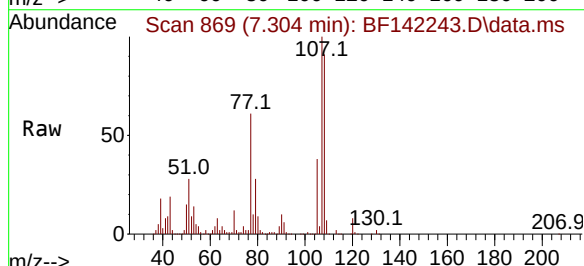
Ion Ratio Lower Upper

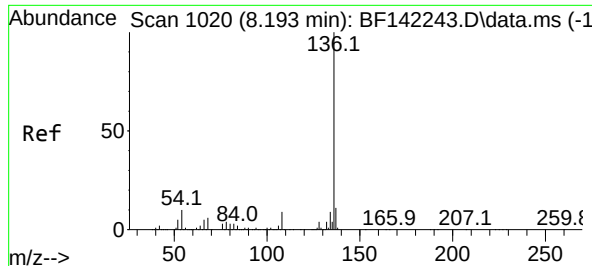
107 100

108 91.2 71.2 111.2

77 61.1 41.1 81.1

79 28.1 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.193 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 706244

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.6 7.7 11.5

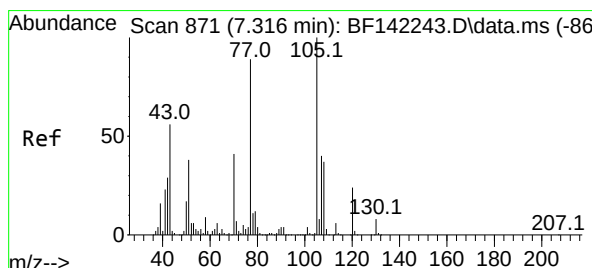
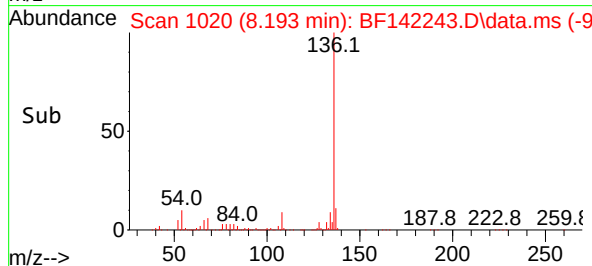
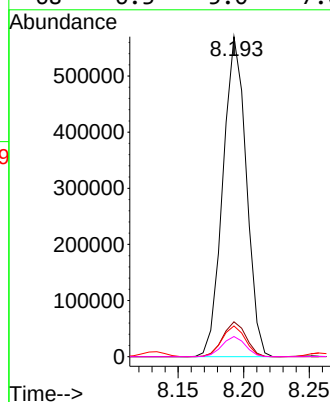
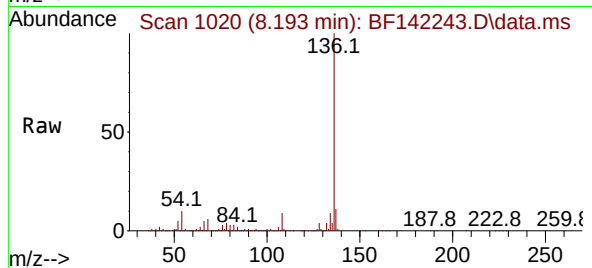
68 6.3 5.0 7.6

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#22

Acetophenone

Concen: 40.454 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:105 Resp: 660959

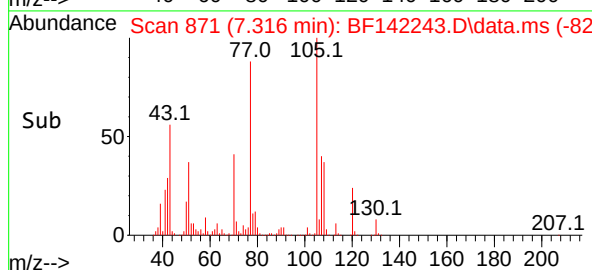
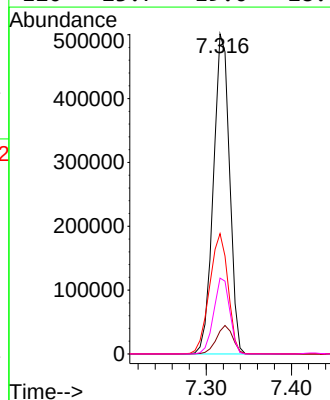
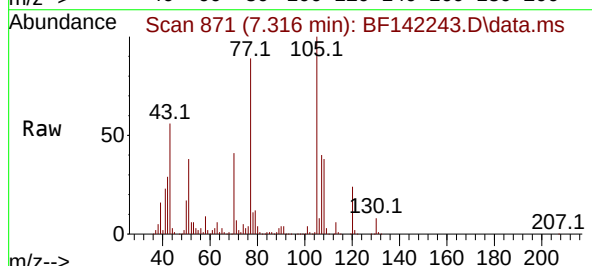
Ion Ratio Lower Upper

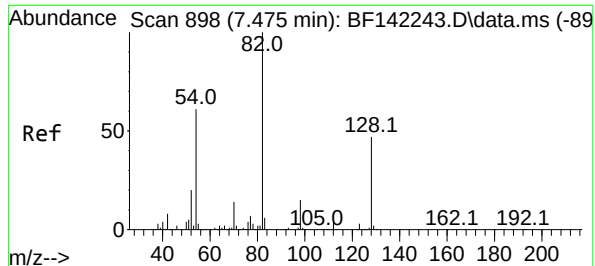
105 100

71 7.1 5.7 8.5

51 37.6 30.1 45.1

120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 89.396 ng

RT: 7.475 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 961009

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

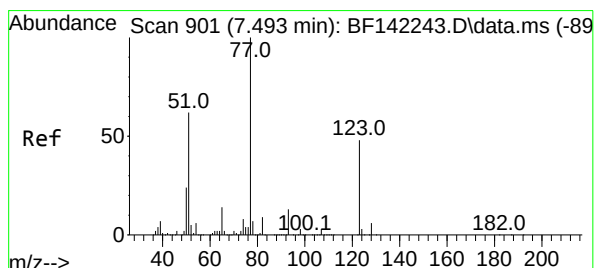
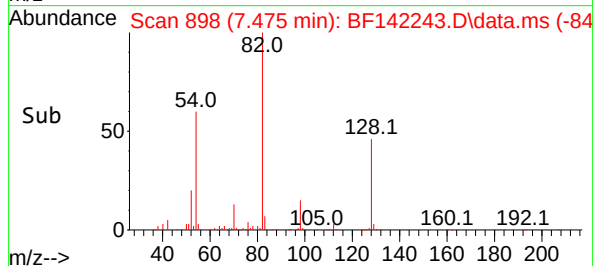
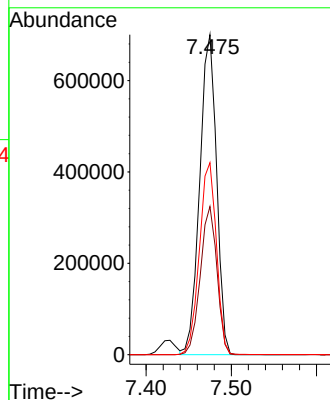
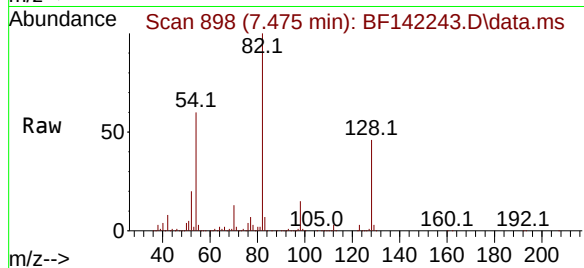
54 60.0 48.0 72.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 43.929 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

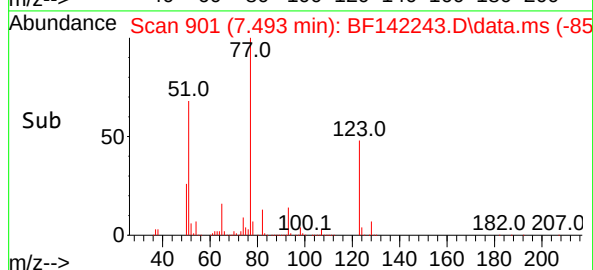
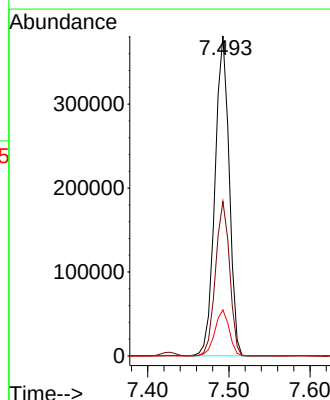
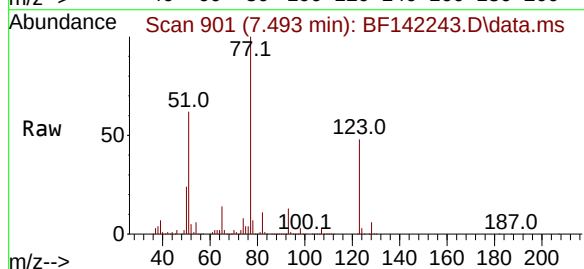
Tgt Ion: 77 Resp: 463357

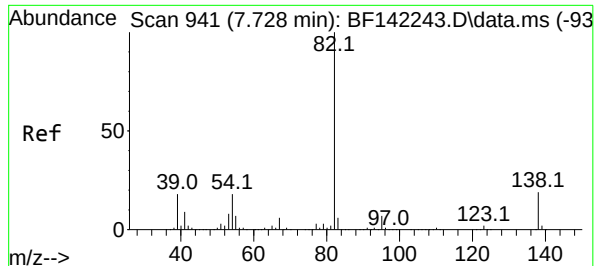
Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

65 14.4 11.5 17.3





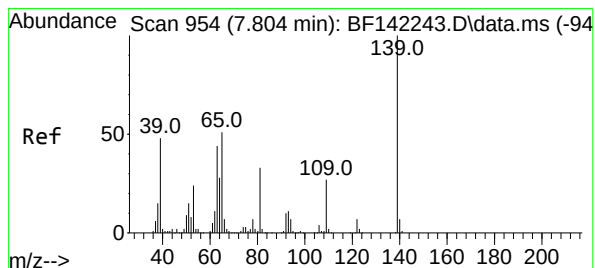
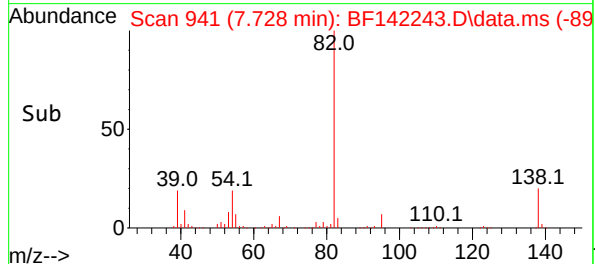
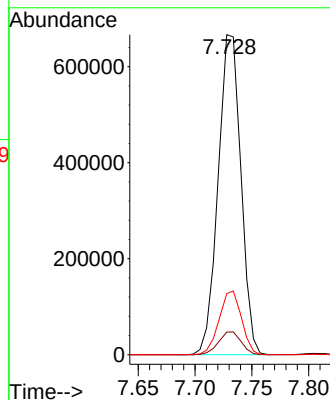
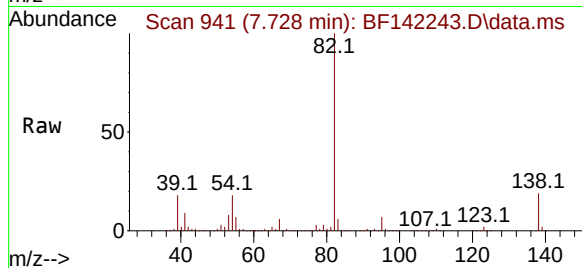
#25
Isophorone
Concen: 41.299 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 931763
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.1 15.3 22.9

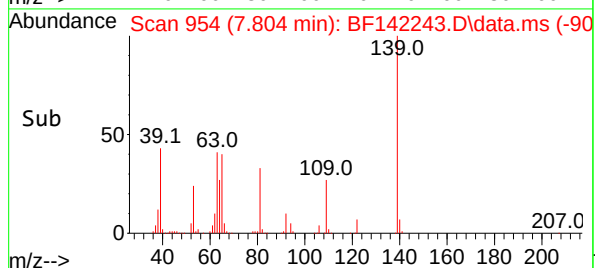
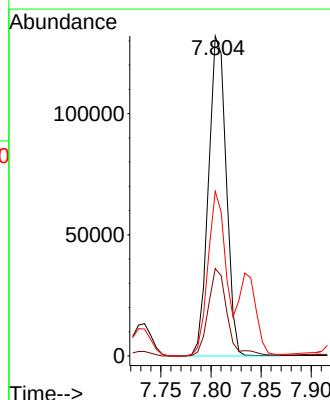
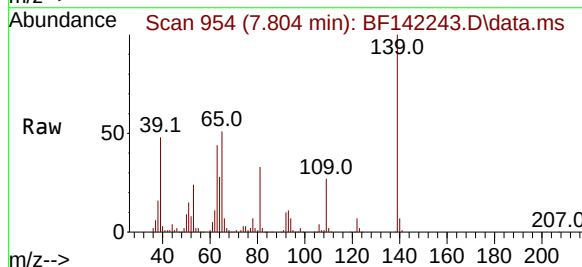
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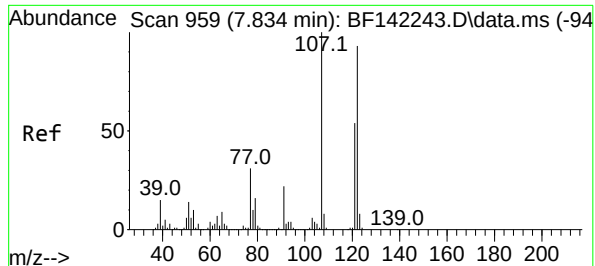
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 38.737 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:139 Resp: 162563
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.8
65 51.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.862 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 476180

Ion Ratio Lower Upper

122 100

107 107.5 86.0 129.0

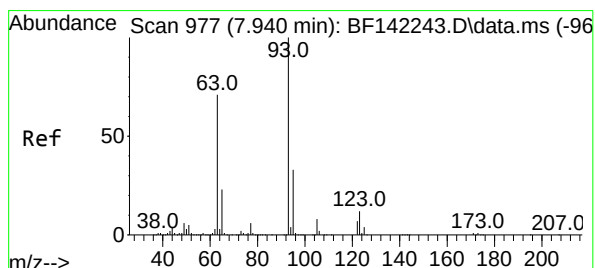
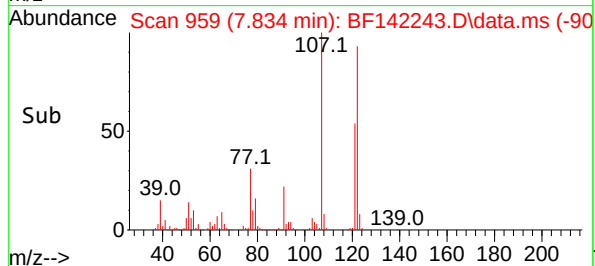
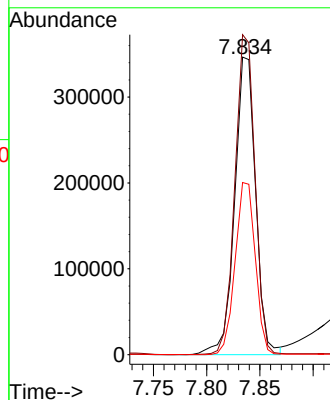
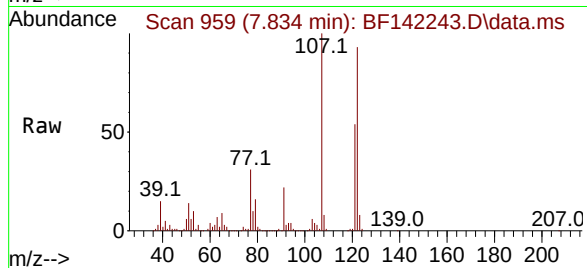
121 57.9 46.3 69.5

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.247 ng

RT: 7.940 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

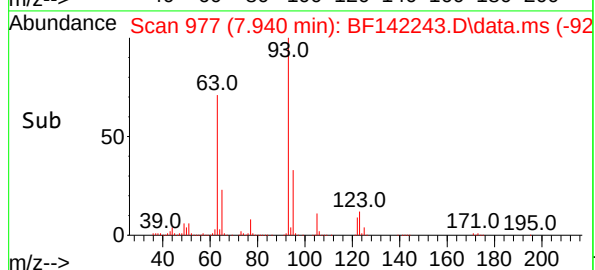
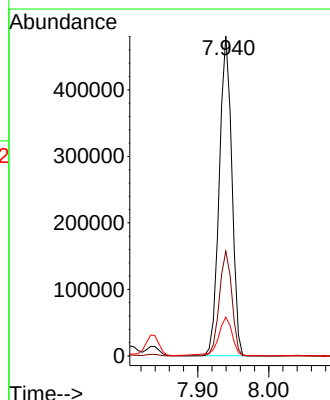
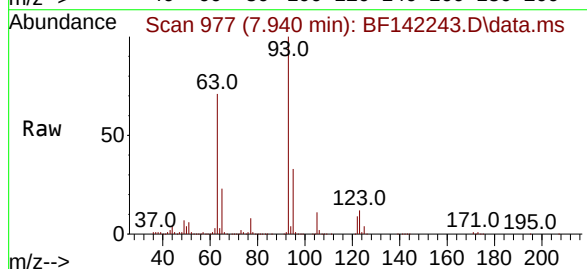
Tgt Ion: 93 Resp: 586887

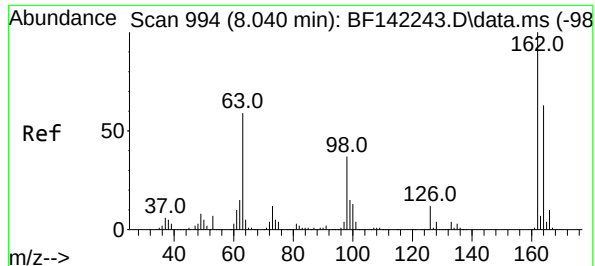
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.163 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142243.D

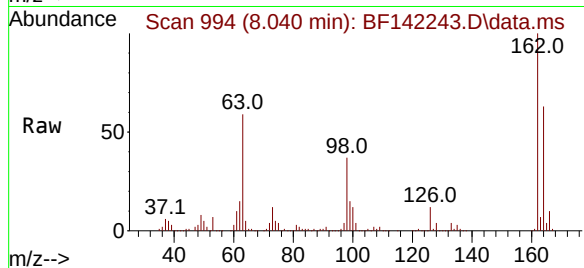
Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



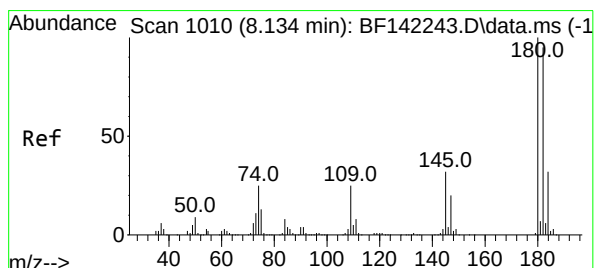
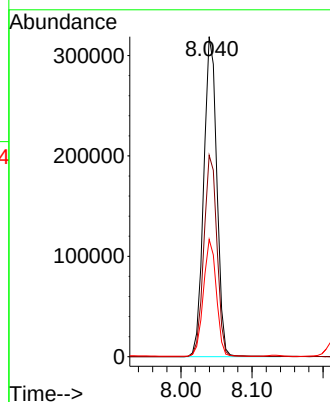
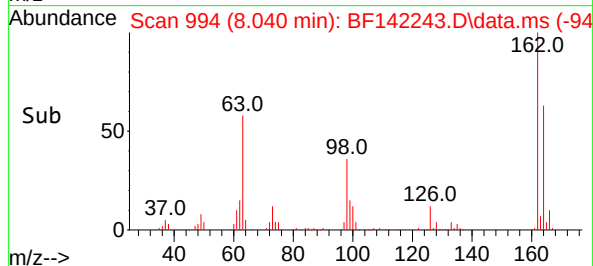
Tgt Ion:162	Resp: 41048
Ion Ratio	Lower Upper
162	100
164	63.0 43.0 83.0
98	36.7 16.7 56.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

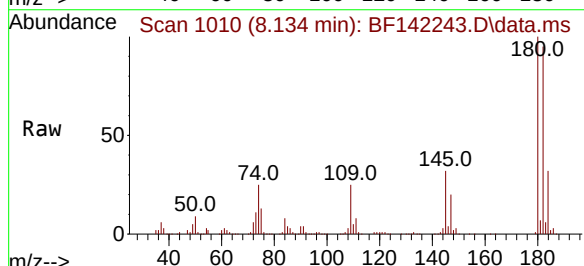
Concen: 41.539 ng

RT: 8.134 min Scan# 1010

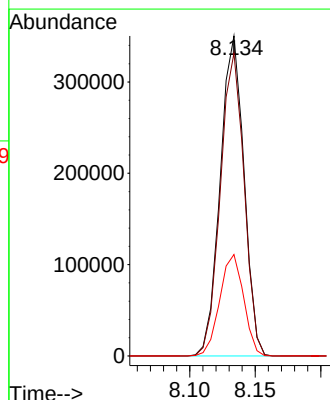
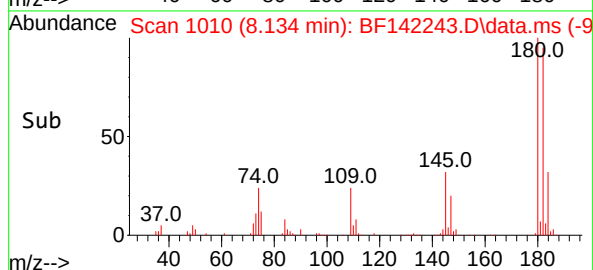
Delta R.T. 0.000 min

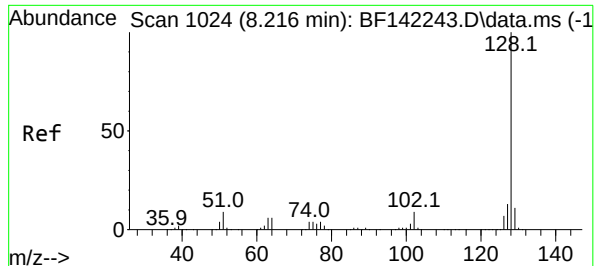
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17



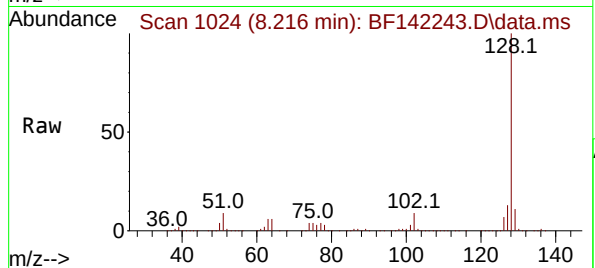
Tgt Ion:180	Resp: 440825
Ion Ratio	Lower Upper
180	100
182	94.6 75.7 113.5
145	31.7 25.4 38.0





#31
Naphthalene
Concen: 40.920 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

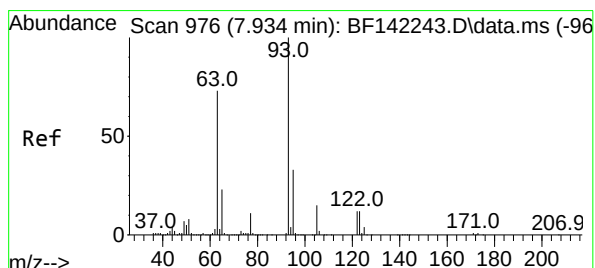
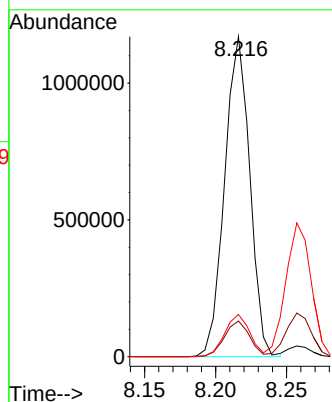
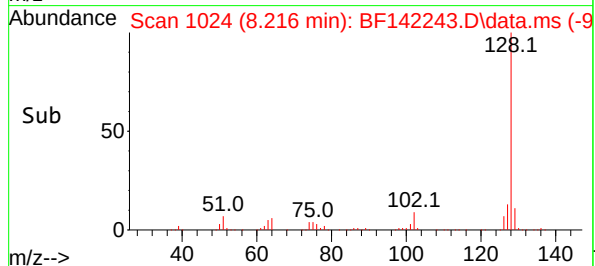
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1441240
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8

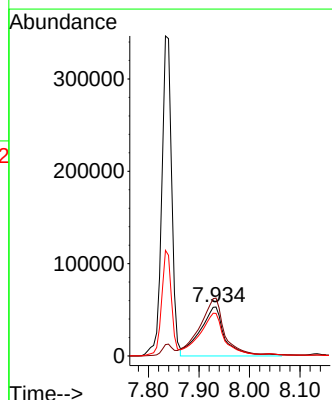
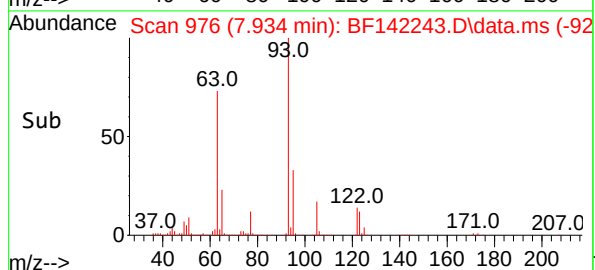
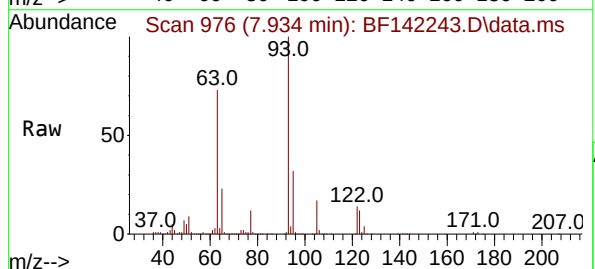
Manual Integrations
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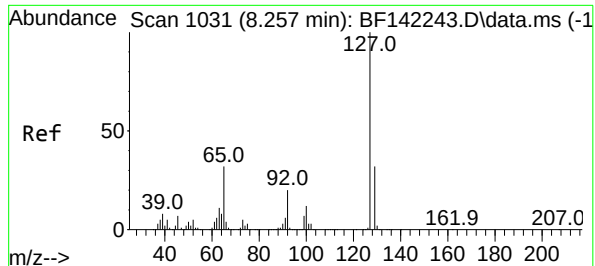
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#32
Benzoic acid
Concen: 37.083 ng m
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

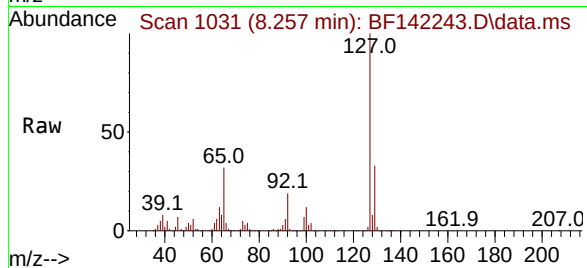
Tgt Ion:122 Resp: 184052
Ion Ratio Lower Upper
122 100
105 118.2 98.2 138.2
77 86.8 66.8 106.8





#33
4-Chloroaniline
Concen: 41.328 ng
RT: 8.257 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

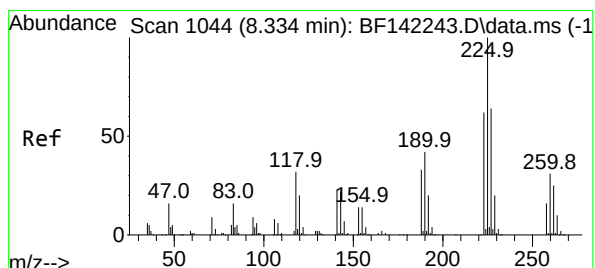
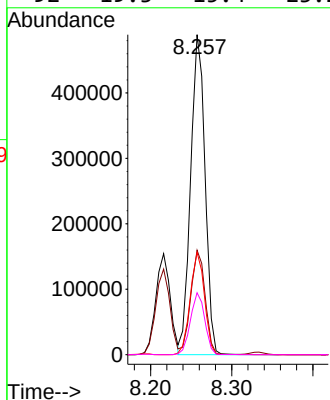
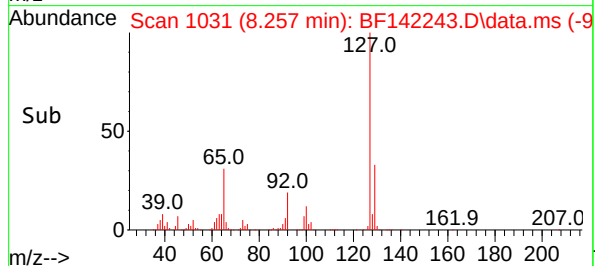
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 606130
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 31.9 25.5 38.3
92 19.3 15.4 23.2

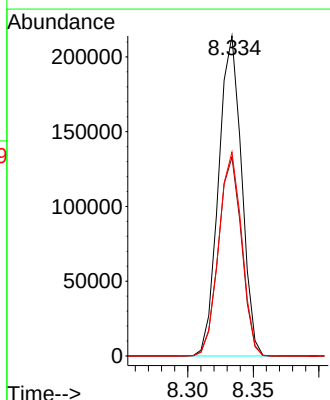
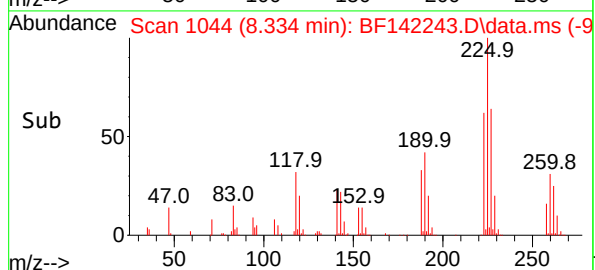
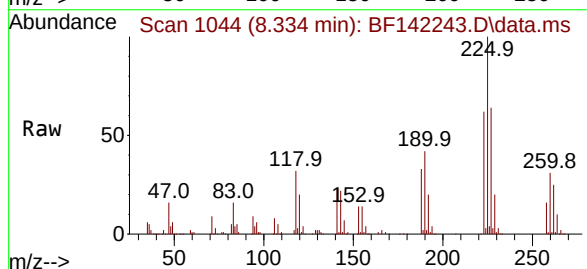
Manual Integrations
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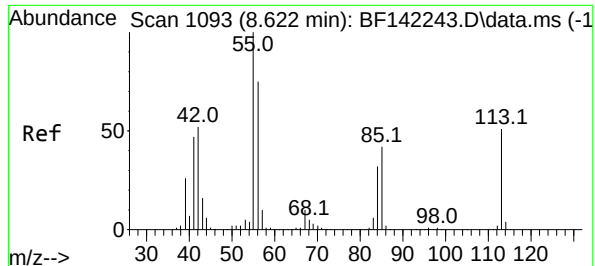
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 42.125 ng
RT: 8.334 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

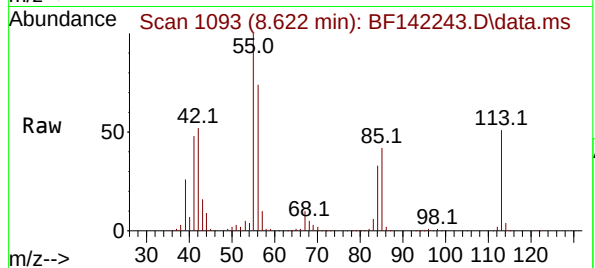
Tgt Ion:225 Resp: 260821
Ion Ratio Lower Upper
225 100
223 62.1 49.7 74.5
227 63.7 51.0 76.4





#35
Caprolactam
Concen: 42.889 ng
RT: 8.622 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

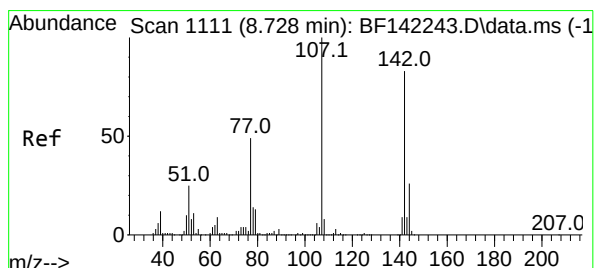
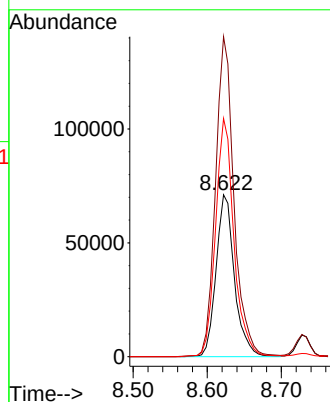
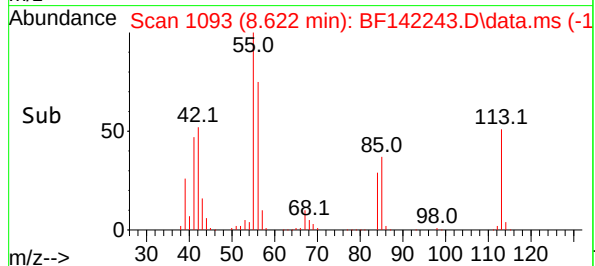
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 122598
Ion Ratio Lower Upper
113 100
55 197.7 177.7 217.7
56 147.1 127.1 167.1

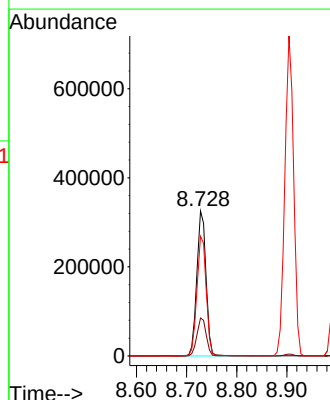
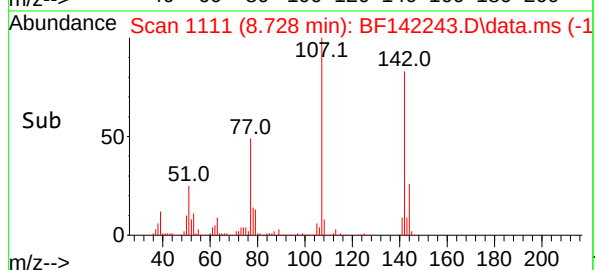
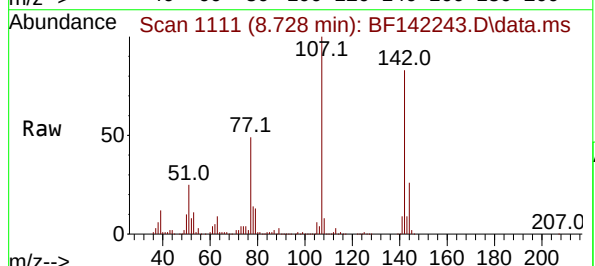
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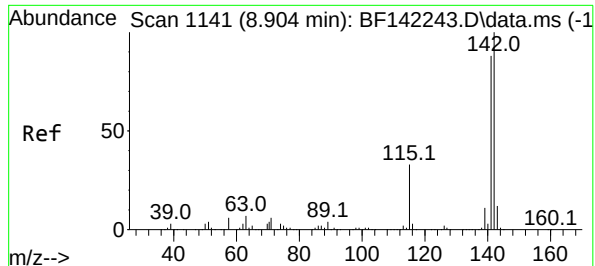
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#36
4-Chloro-3-methylphenol
Concen: 42.715 ng
RT: 8.728 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 417126
Ion Ratio Lower Upper
107 100
144 26.2 21.0 31.4
142 82.6 66.1 99.1





#37

2-Methylnaphthalene

Concen: 40.652 ng

RT: 8.904 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 880315

Ion Ratio Lower Upper

142 100

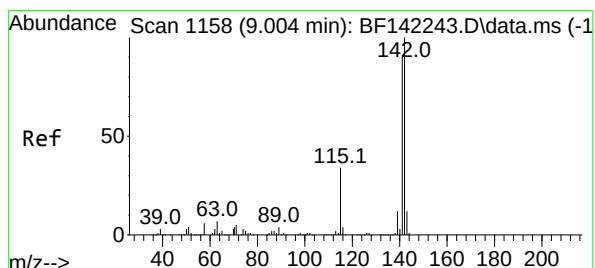
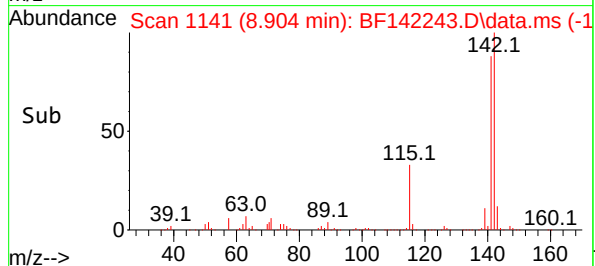
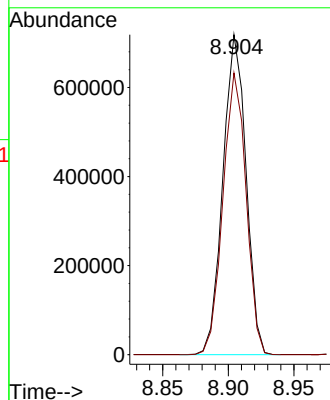
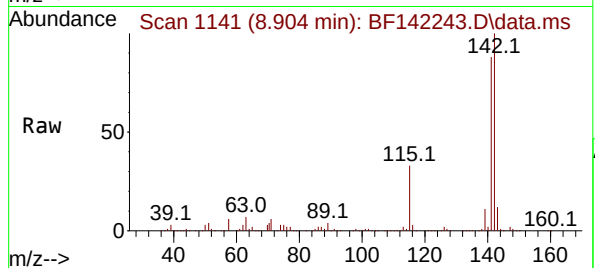
141 88.1 70.5 105.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 41.054 ng

RT: 9.004 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF142243.D

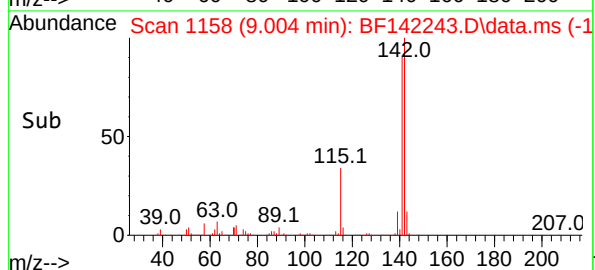
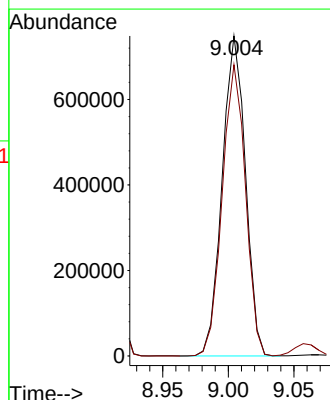
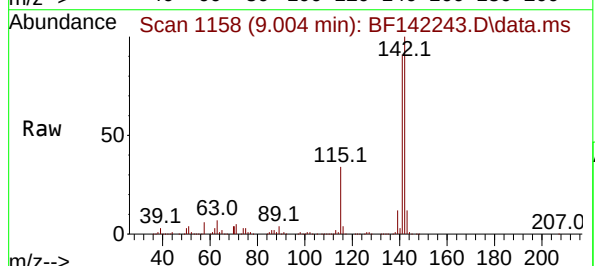
Acq: 30 Apr 2025 13:17

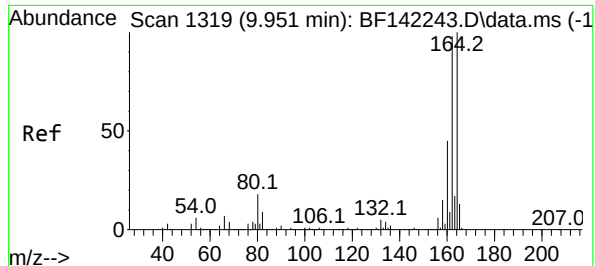
Tgt Ion:142 Resp: 920983

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142243.D

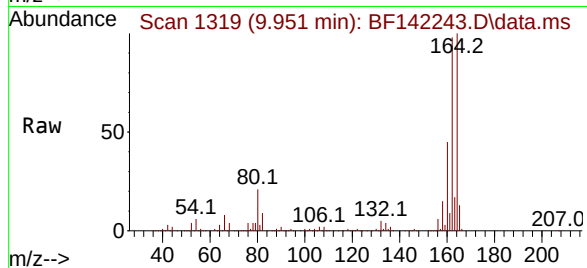
Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 370869

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

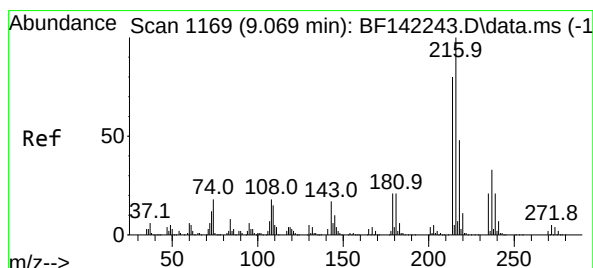
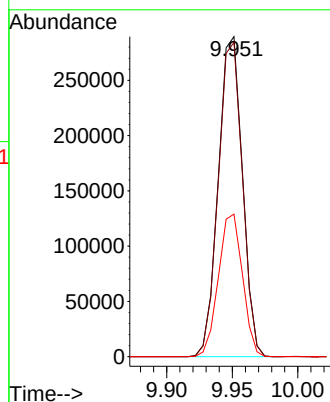
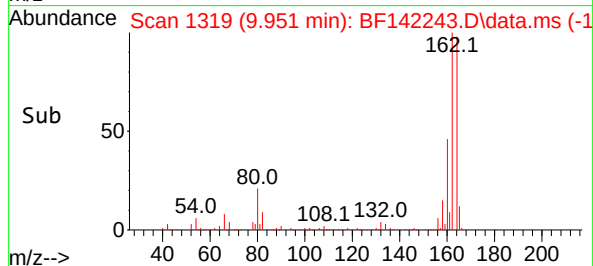
160 44.6 35.7 53.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.938 ng

RT: 9.069 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:216 Resp: 427286

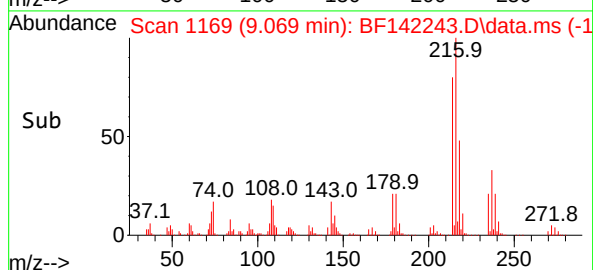
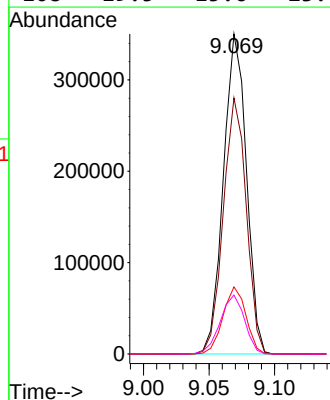
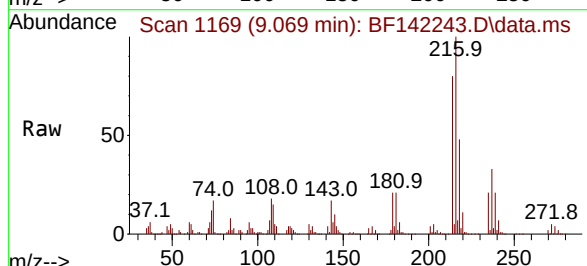
Ion Ratio Lower Upper

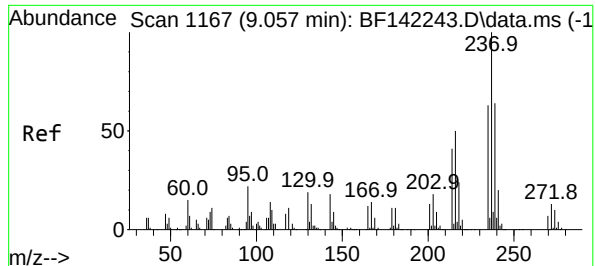
216 100

214 79.7 63.8 95.6

179 20.9 16.7 25.1

108 19.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 44.056 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

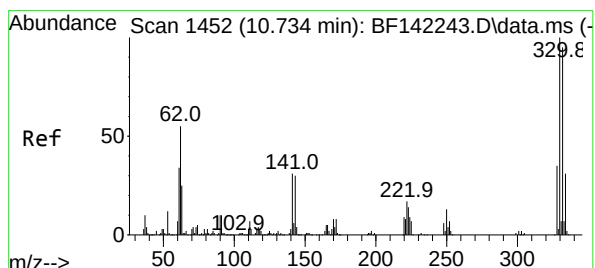
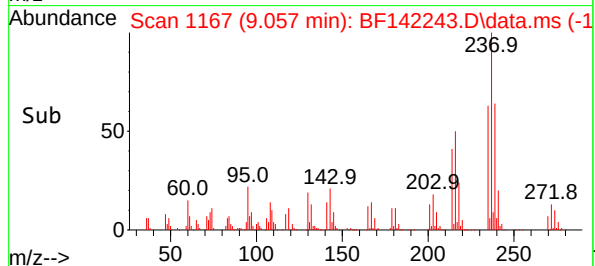
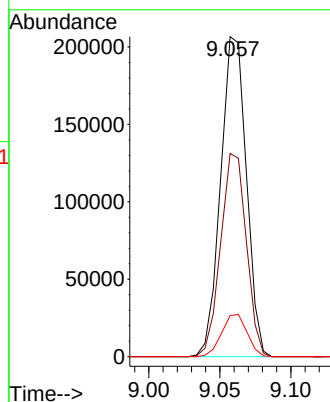
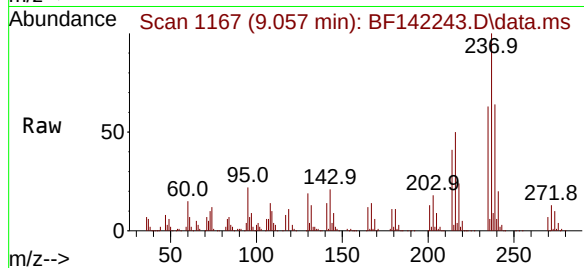
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.5	83.5
272	12.9	0.0	32.9

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#42

2,4,6-Tribromophenol

Concen: 89.389 ng

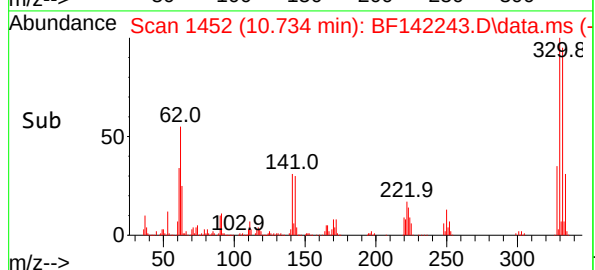
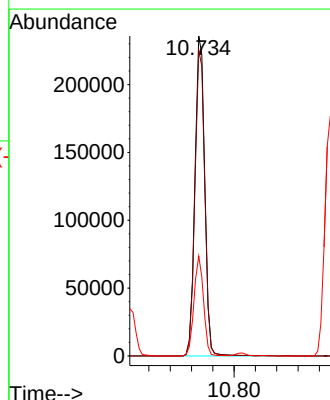
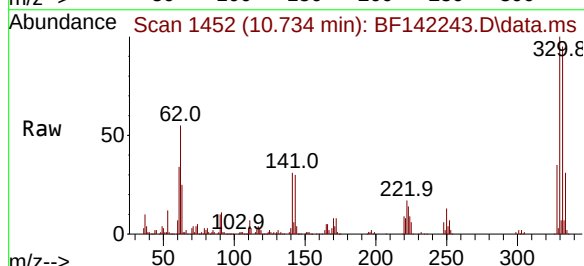
RT: 10.734 min Scan# 1452

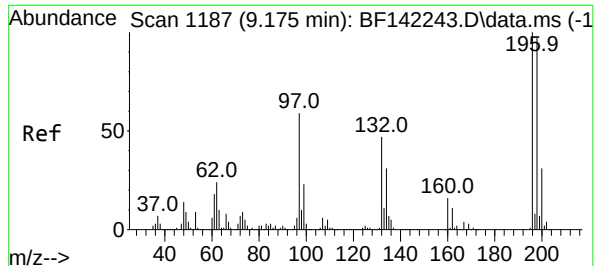
Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	30.4	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 42.450 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142243.D

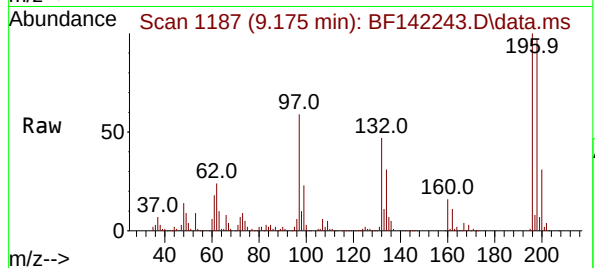
Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 27455

Ion Ratio Lower Upper

196 100

198 96.8 77.4 116.2

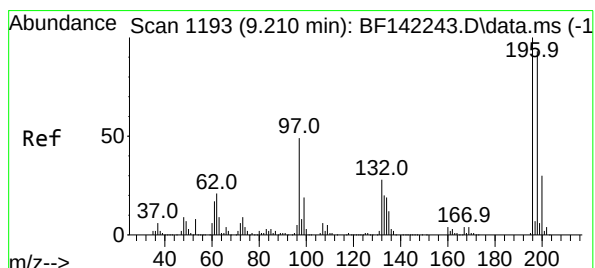
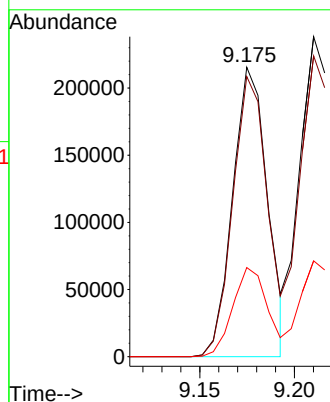
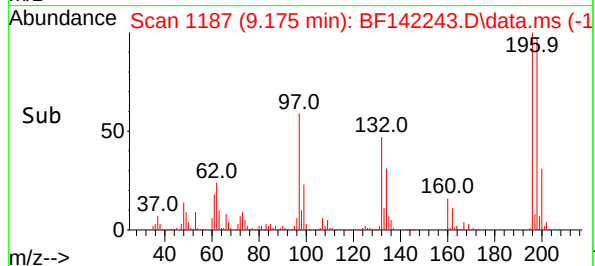
200 30.8 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

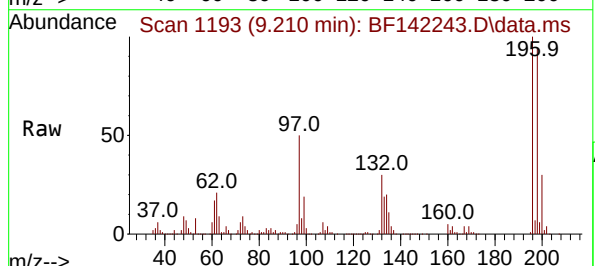
Concen: 44.113 ng

RT: 9.210 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17



Tgt Ion:196 Resp: 299967

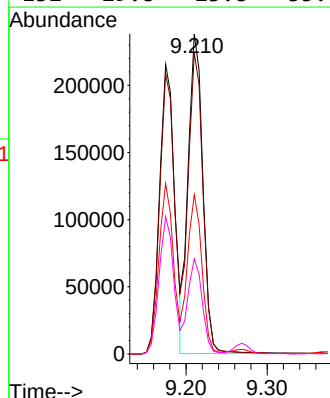
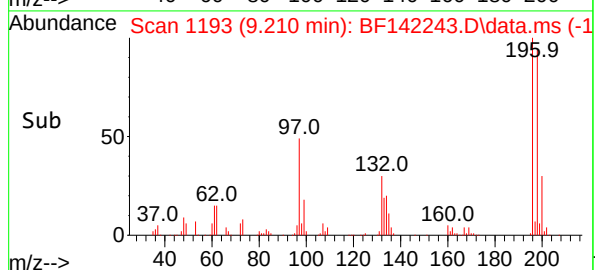
Ion Ratio Lower Upper

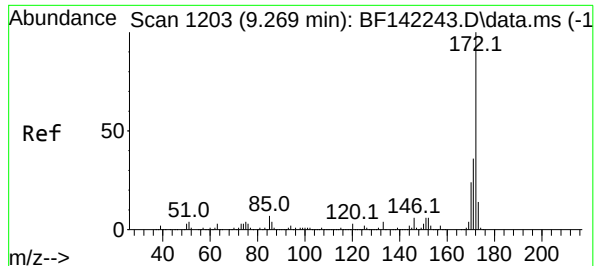
196 100

198 94.0 75.2 112.8

97 49.8 39.8 59.8

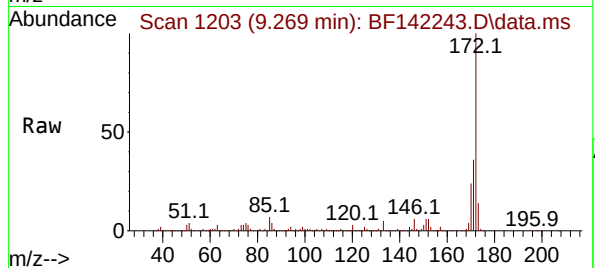
132 29.8 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 79.446 ng
RT: 9.269 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

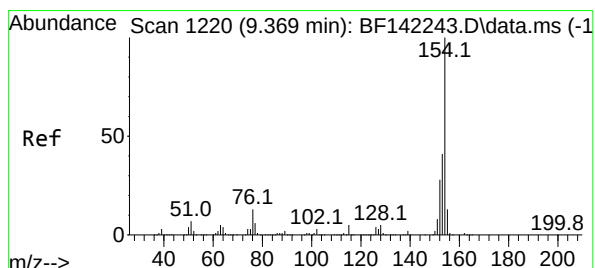
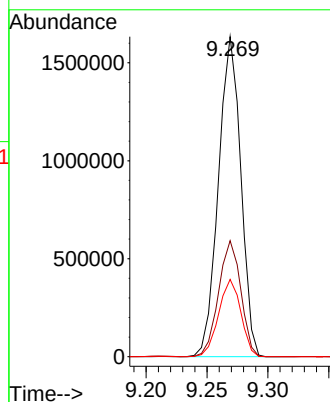
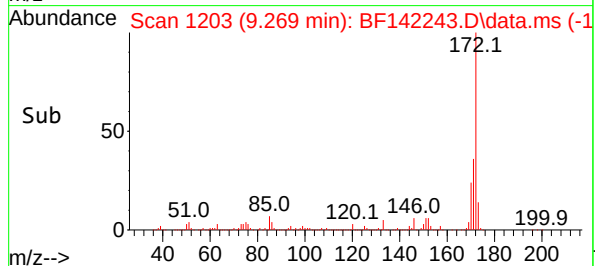
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 208970
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.2 19.4 29.0

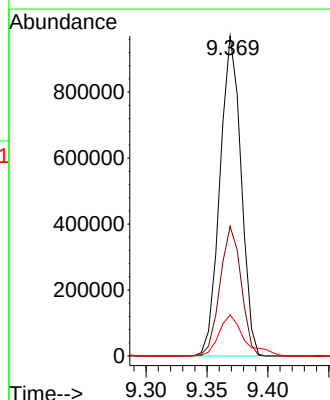
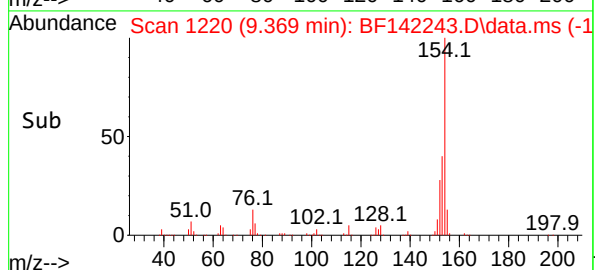
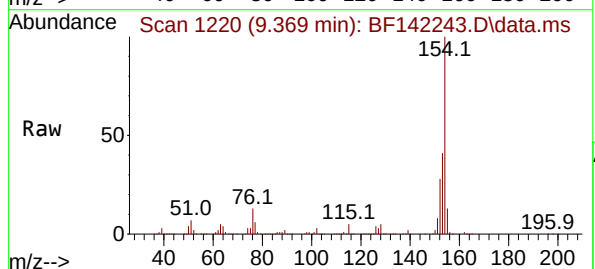
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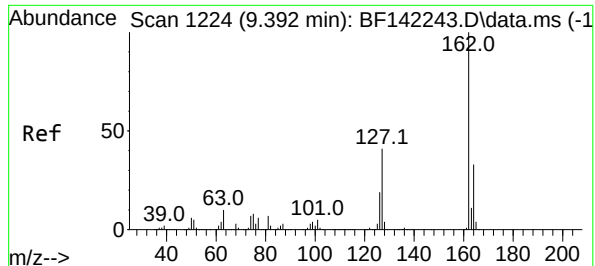
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#46
1,1'-Biphenyl
Concen: 40.664 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:154 Resp: 1172400
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.984 ng

RT: 9.392 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 879152

Ion Ratio Lower Upper

162 100

127 40.8 32.6 49.0

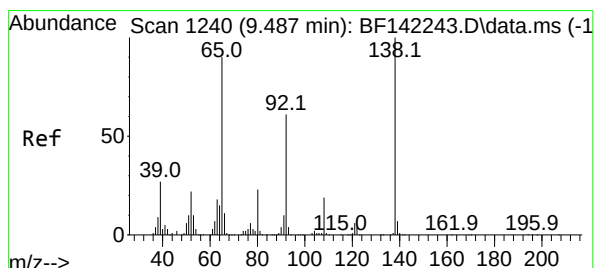
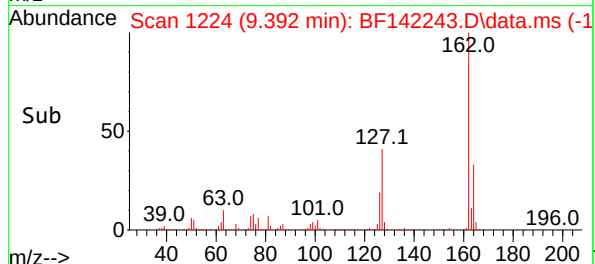
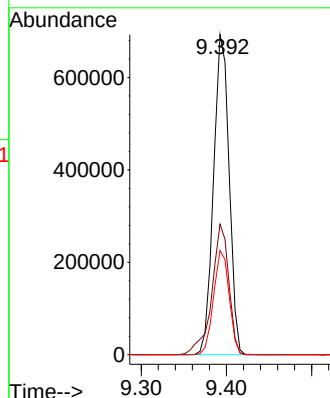
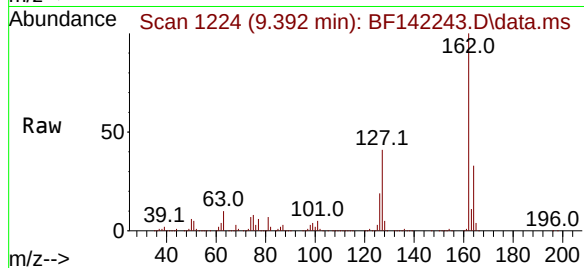
164 32.6 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 39.600 ng

RT: 9.487 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

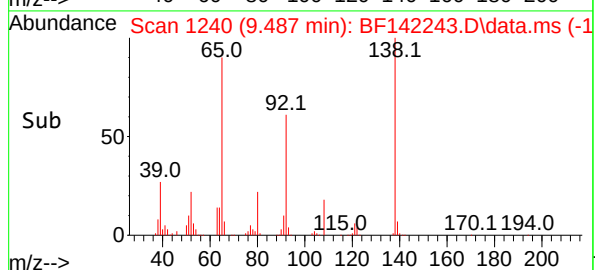
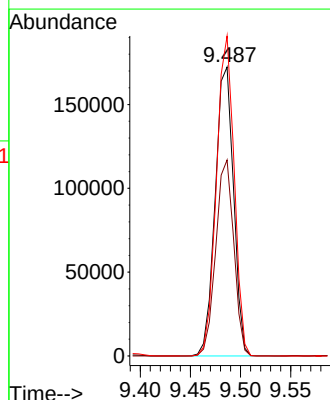
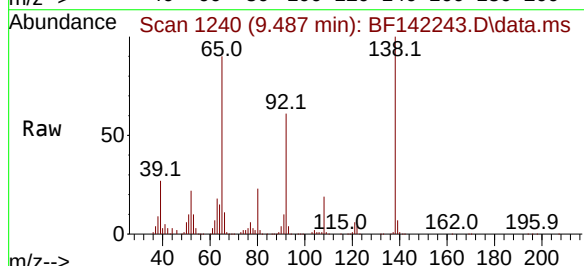
Tgt Ion: 65 Resp: 218766

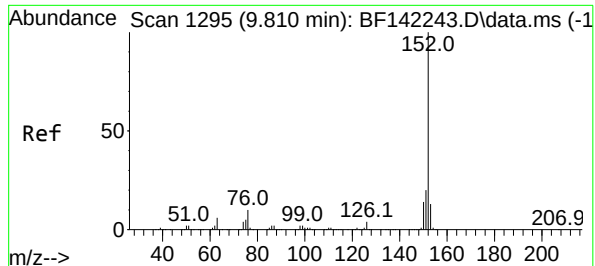
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 40.929 ng

RT: 9.810 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF142243.D

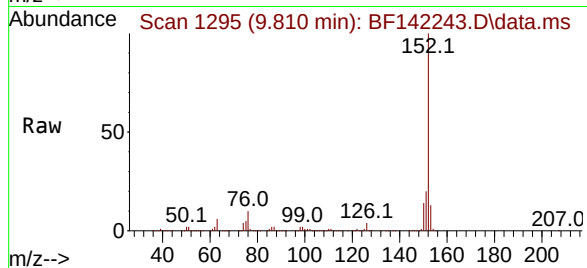
Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 148154

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

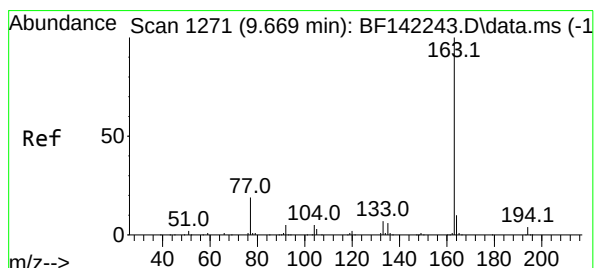
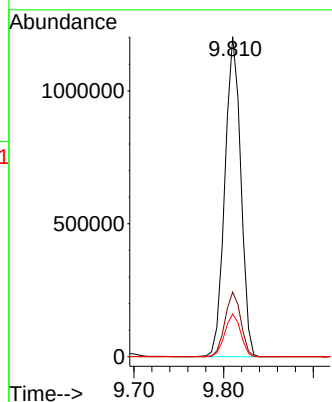
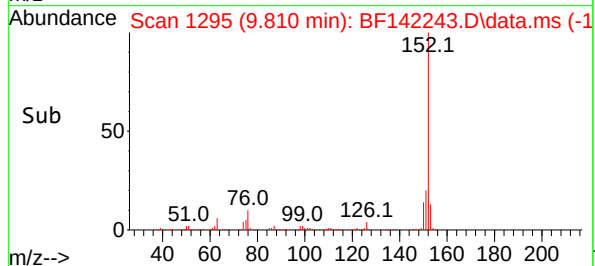
153 13.4 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

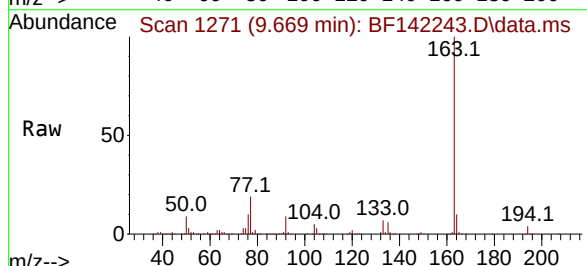
Concen: 41.312 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17



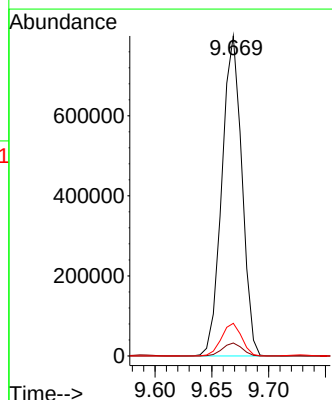
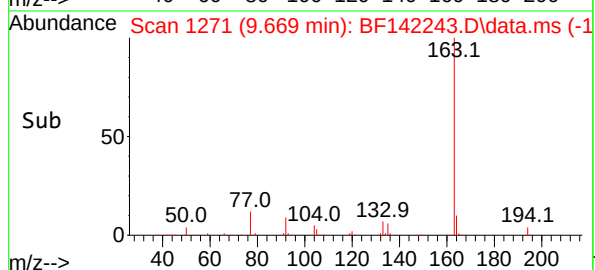
Tgt Ion:163 Resp: 980172

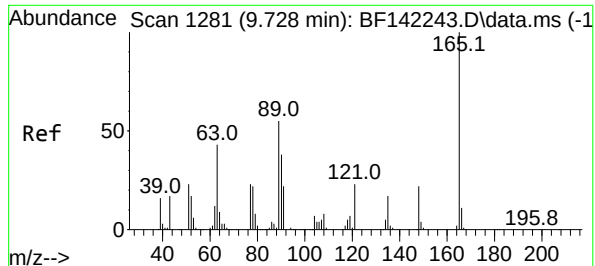
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.2 8.2 12.2





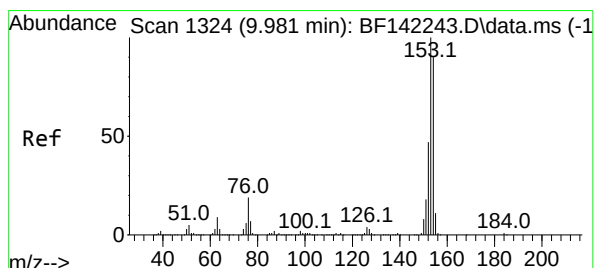
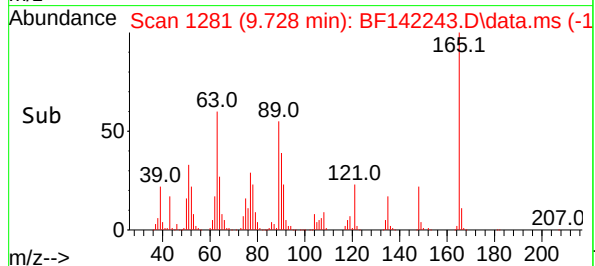
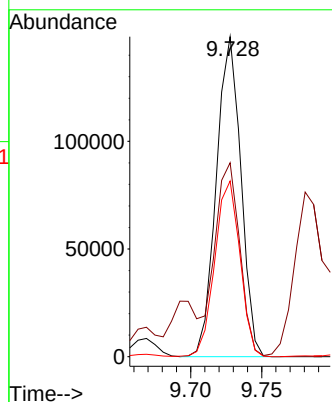
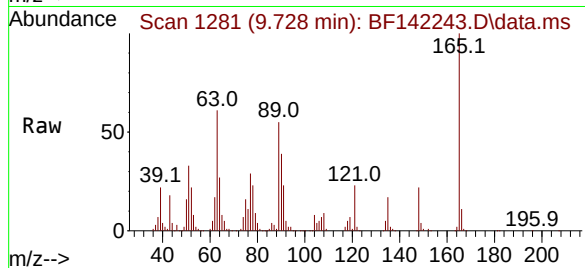
#51
2,6-Dinitrotoluene
Concen: 40.034 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 17886
Ion Ratio Lower Upper
165 100
63 60.6 48.5 72.7
89 54.9 43.9 65.9

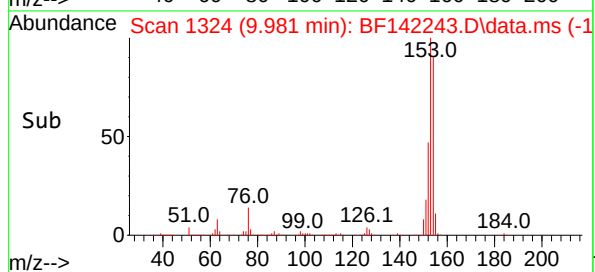
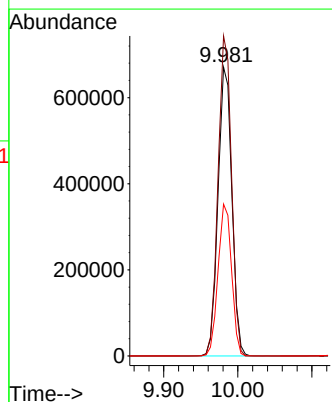
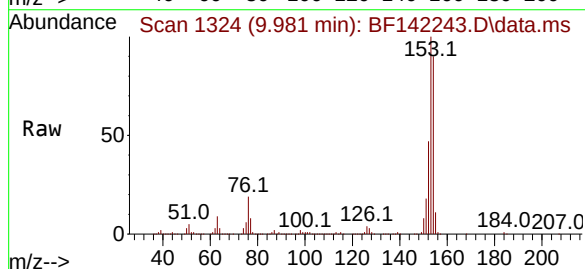
Manual Integrations
APPROVED

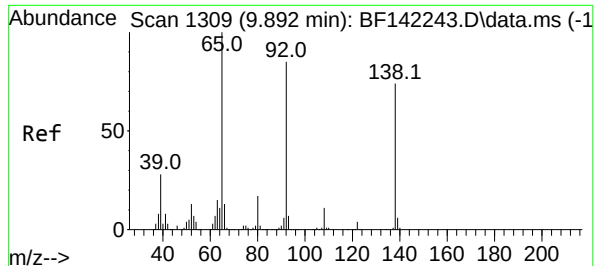
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 41.145 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

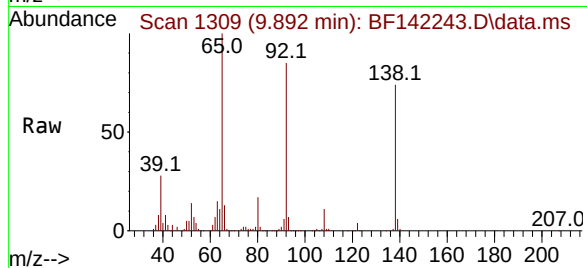
Tgt Ion:154 Resp: 869604
Ion Ratio Lower Upper
154 100
153 110.8 88.6 133.0
152 52.6 42.1 63.1





#53
3-Nitroaniline
Concen: 40.485 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

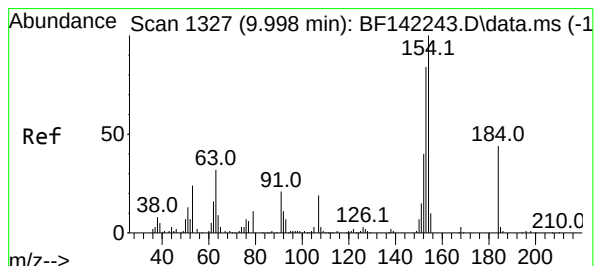
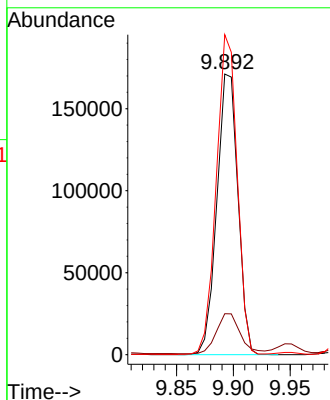
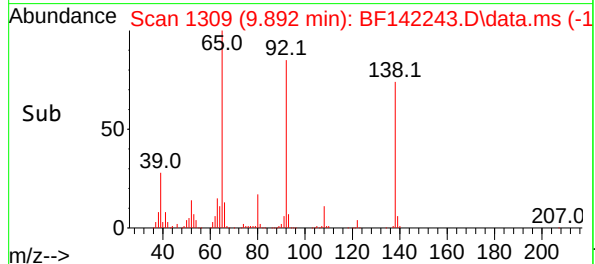
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 221168
Ion Ratio Lower Upper
138 100
108 14.6 11.7 17.5
92 114.0 91.2 136.8

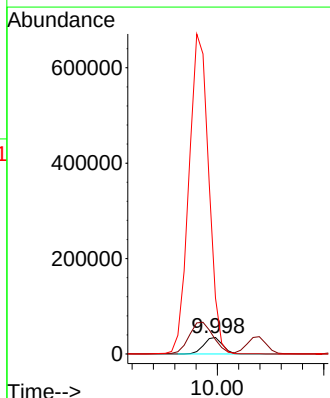
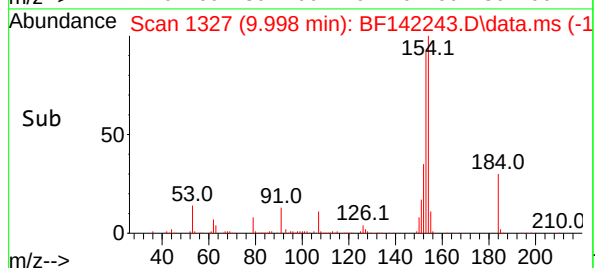
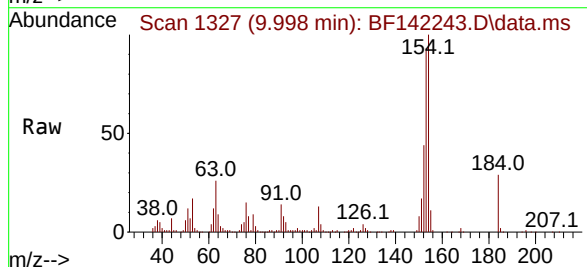
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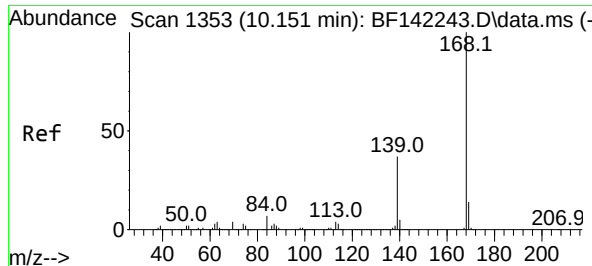
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 38.466 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:184 Resp: 42260
Ion Ratio Lower Upper
184 100
63 86.5 69.2 103.8
154 339.3 271.4 407.2





#55

Dibenzenofuran

Concen: 40.813 ng

RT: 10.151 min Scan# 1353

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 1293035

Ion Ratio Lower Upper

168 100

139 36.7 29.4 44.0

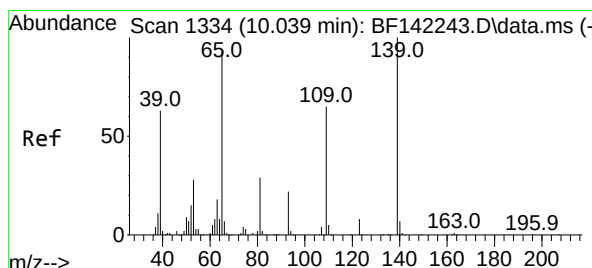
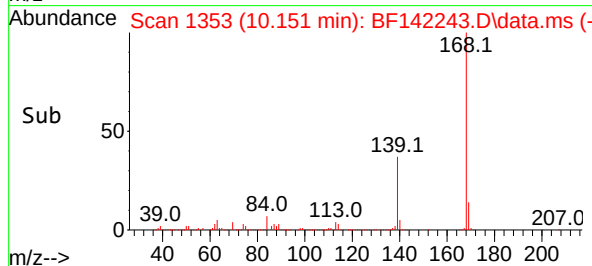
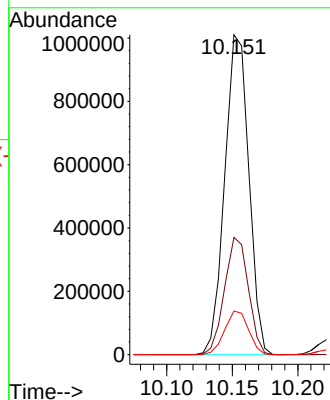
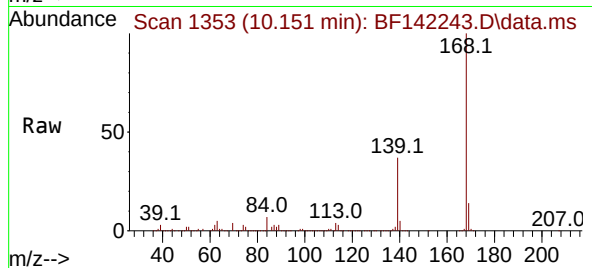
169 13.7 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 42.900 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

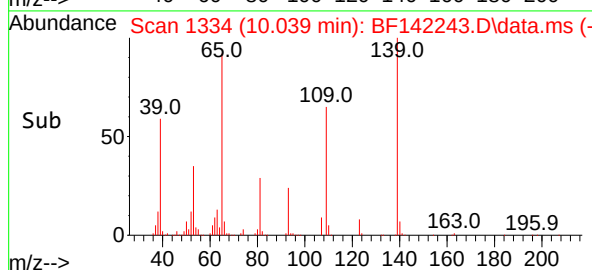
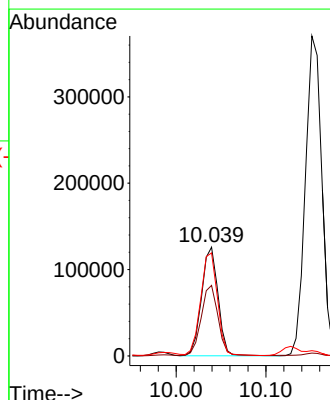
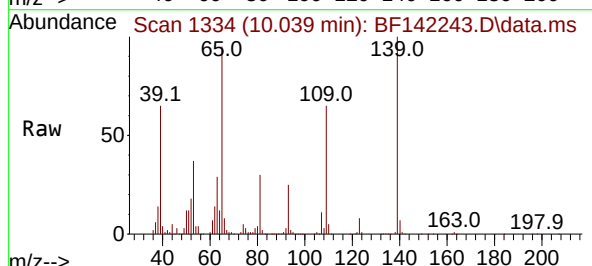
Tgt Ion:139 Resp: 159989

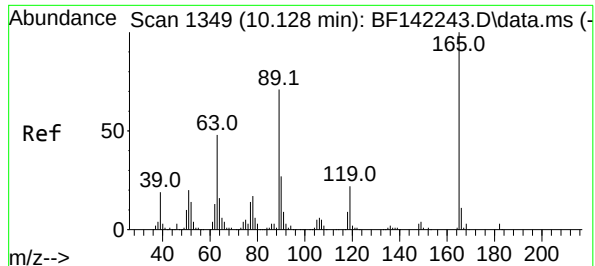
Ion Ratio Lower Upper

139 100

109 64.9 44.9 84.9

65 94.7 74.7 114.7





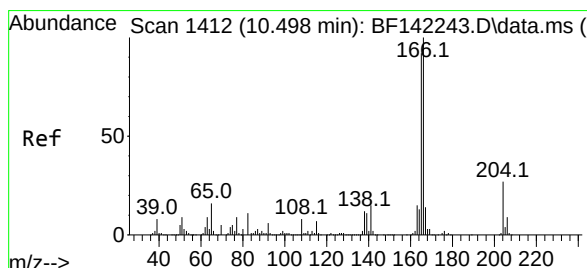
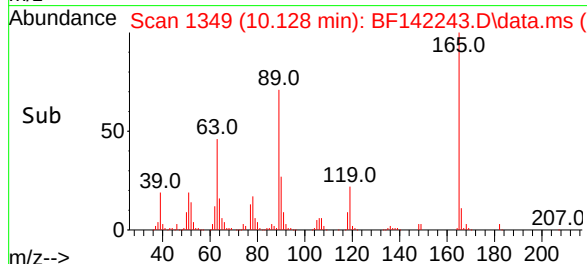
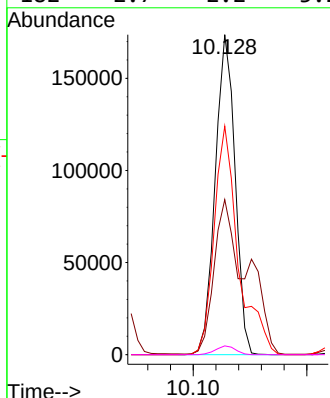
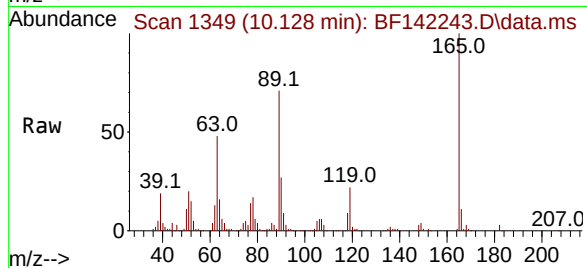
#57
2,4-Dinitrotoluene
Concen: 39.352 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 211218
Ion Ratio Lower Upper
165 100
63 48.5 38.8 58.2
89 71.4 57.1 85.7
182 2.7 2.2 3.2

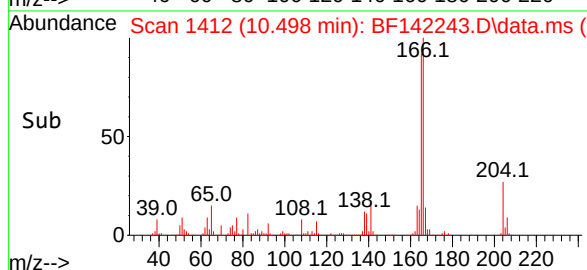
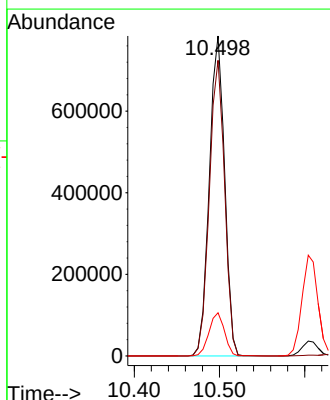
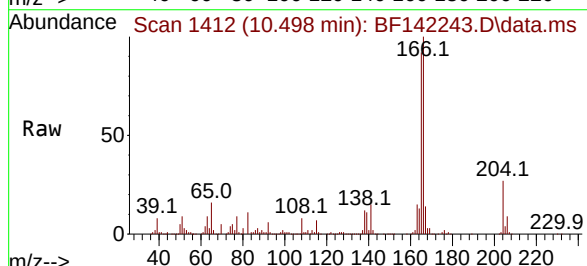
Manual Integrations
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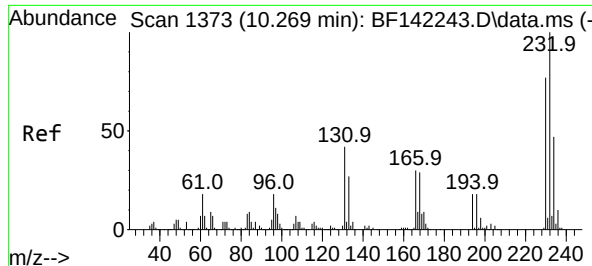
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#58
Fluorene
Concen: 40.554 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

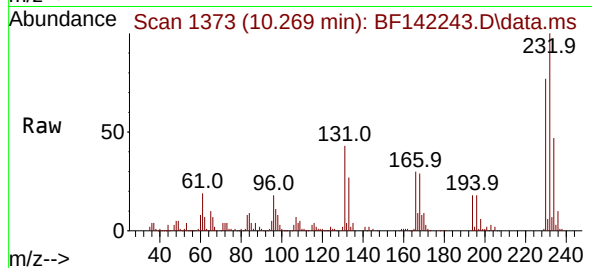
Tgt Ion:166 Resp: 976948
Ion Ratio Lower Upper
166 100
165 92.4 73.9 110.9
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.967 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

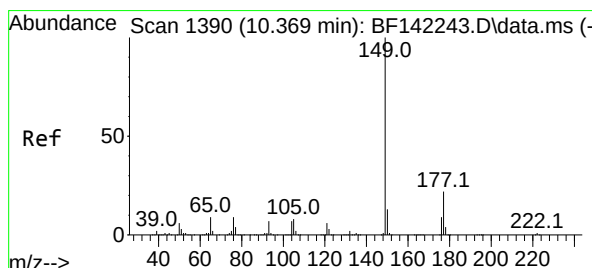
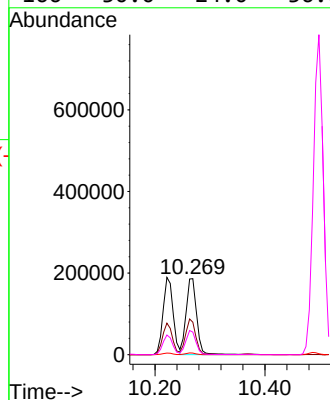
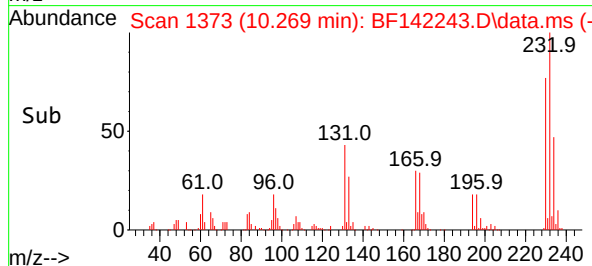
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 247651
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.2 1.8 2.6
166 30.0 24.0 36.0

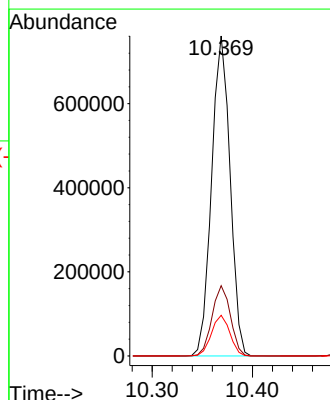
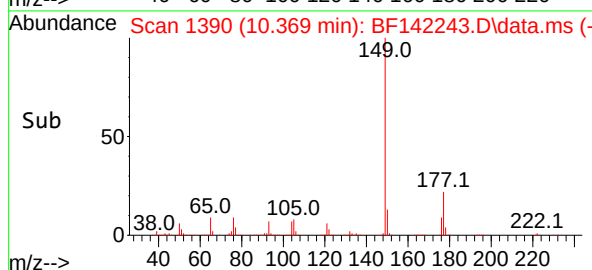
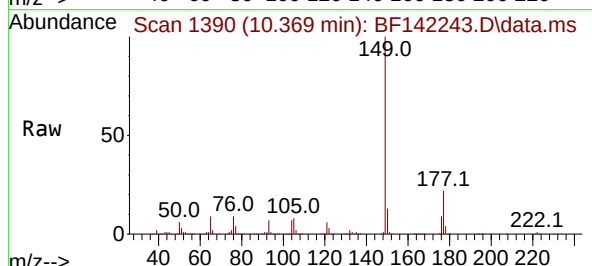
Manual Integrations
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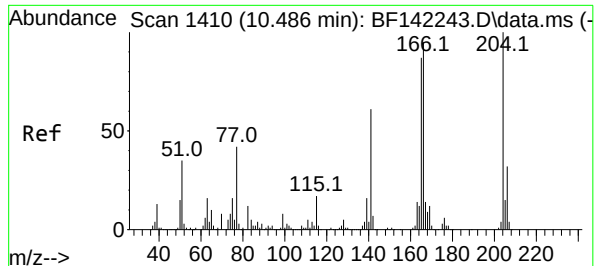
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#60
Diethylphthalate
Concen: 41.573 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

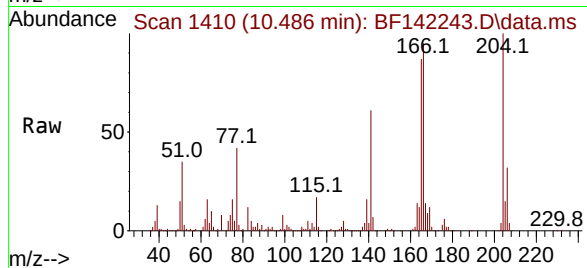
Tgt Ion:149 Resp: 974036
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.986 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

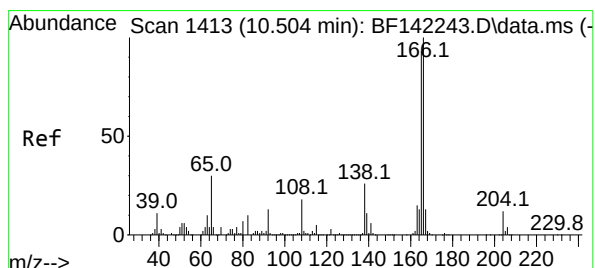
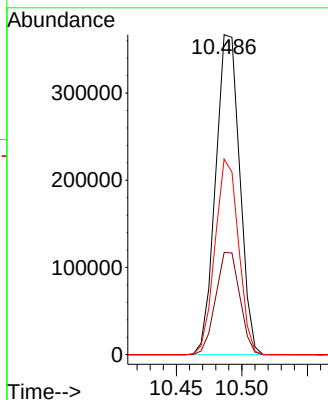
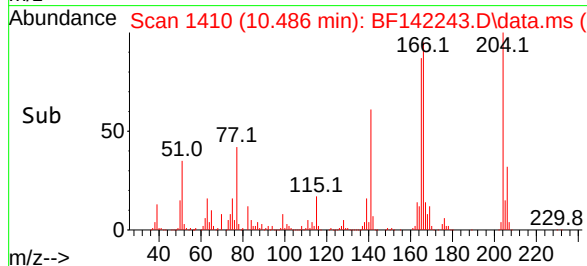
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



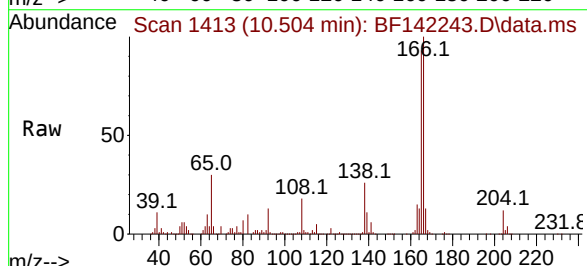
Tgt Ion:204 Resp: 468898
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 61.1 48.9 73.3

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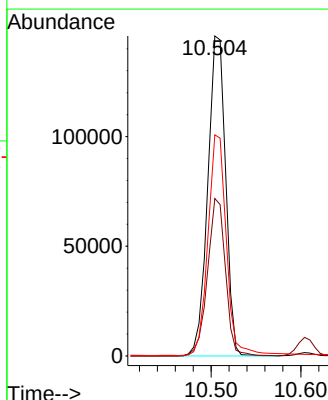
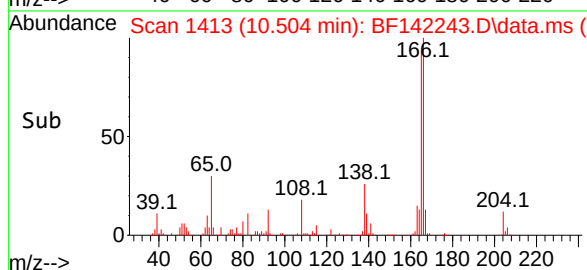
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

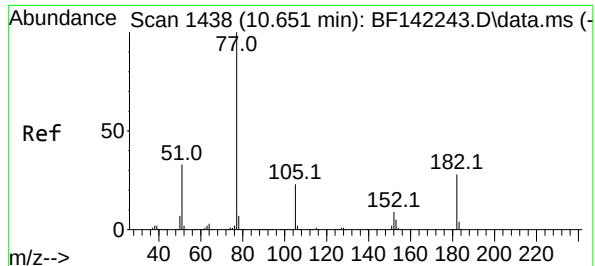


#62
4-Nitroaniline
Concen: 40.498 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



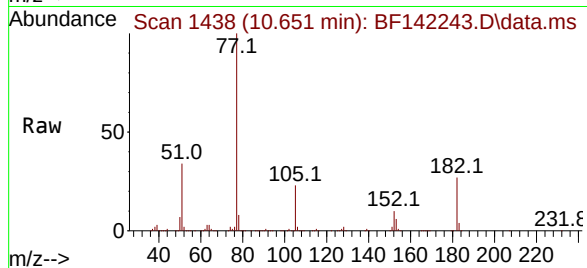
Tgt Ion:138 Resp: 201491
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 69.1 49.1 89.1





#63
Azobenzene
Concen: 40.994 ng
RT: 10.651 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

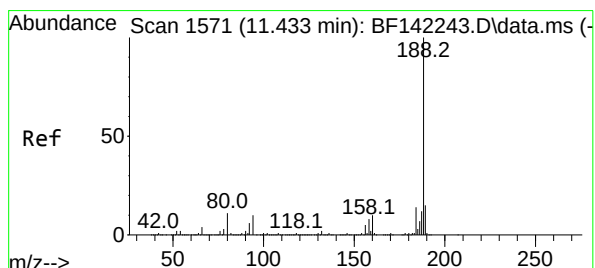
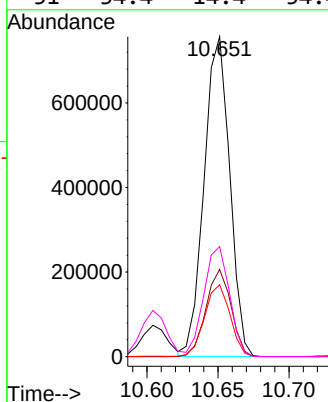
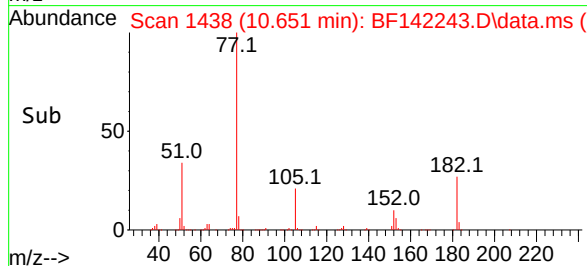
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 948440
Ion Ratio Lower Upper
77 100
182 27.3 7.3 47.3
105 22.5 2.5 42.5
51 34.4 14.4 54.4

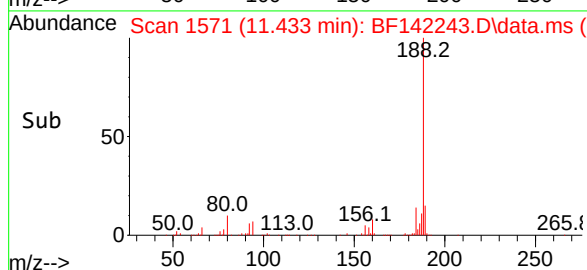
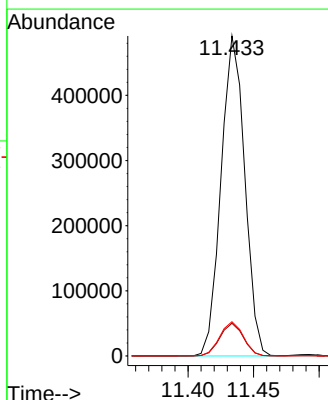
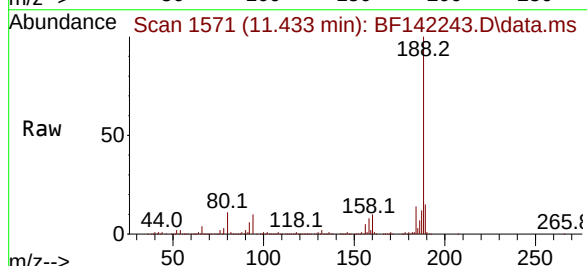
Manual Integrations
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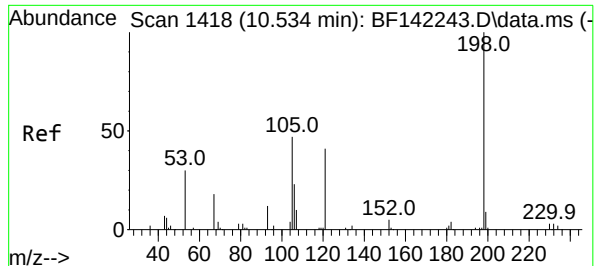
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:188 Resp: 616408
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8





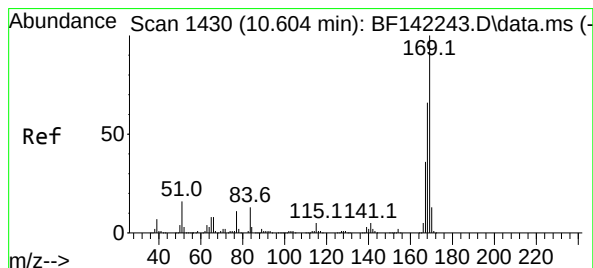
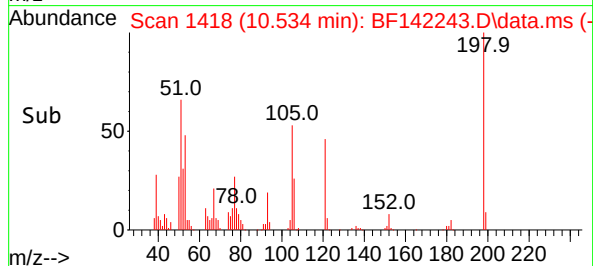
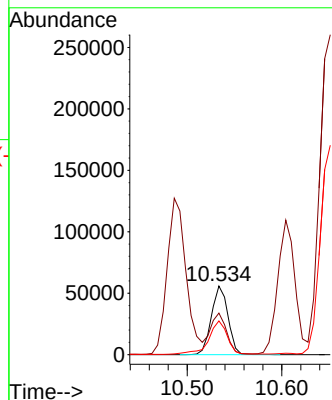
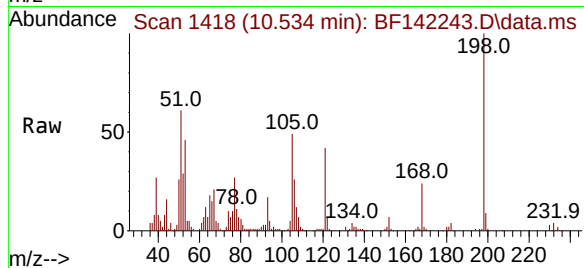
#65
4,6-Dinitro-2-methylphenol
Concen: 36.574 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 67678
Ion Ratio Lower Upper
198 100
51 60.6 40.6 80.6
105 49.2 29.2 69.2

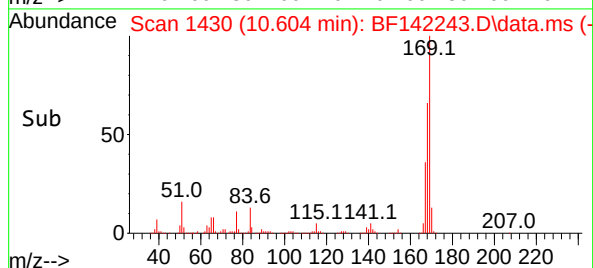
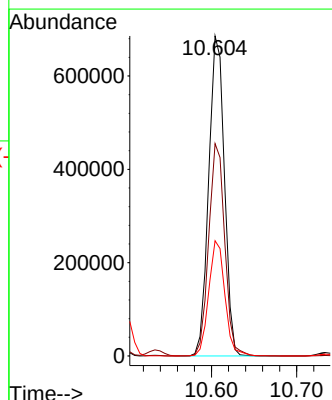
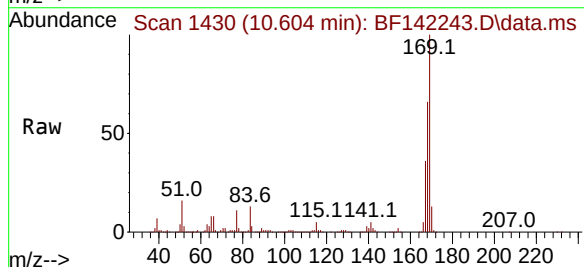
Manual Integrations
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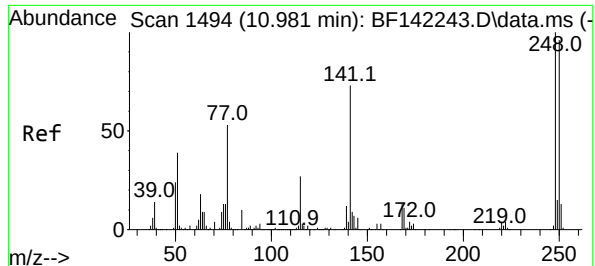
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#66
n-Nitrosodiphenylamine
Concen: 41.656 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

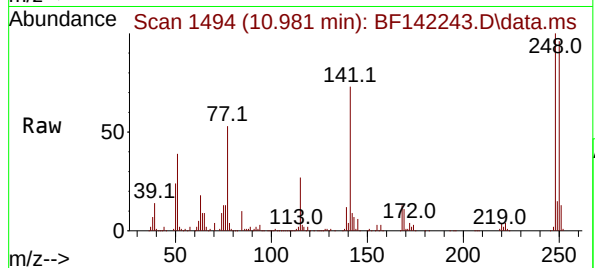
Tgt Ion:169 Resp: 877338
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.400 ng
RT: 10.981 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

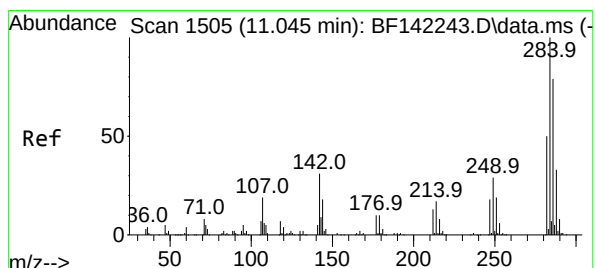
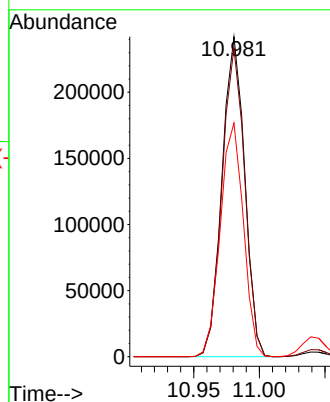
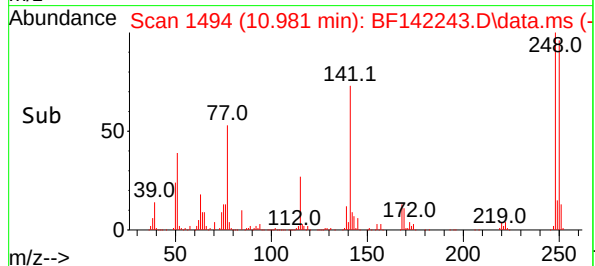
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



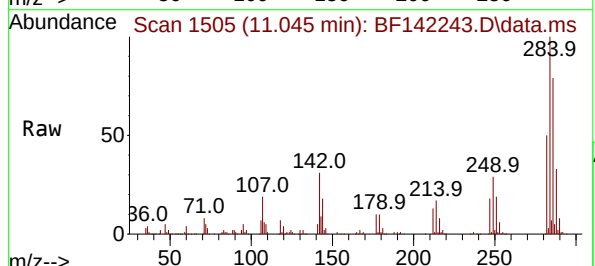
Tgt Ion:248 Resp: 291063
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 73.0 58.4 87.6

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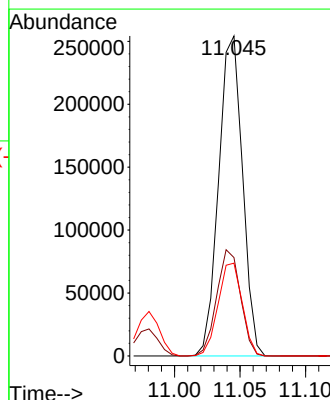
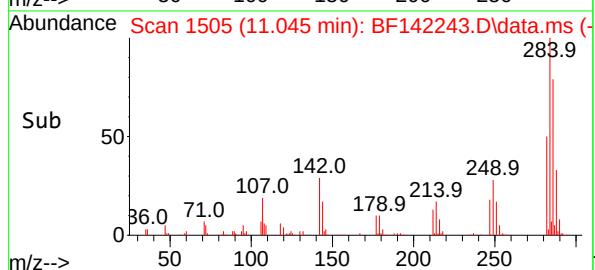
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

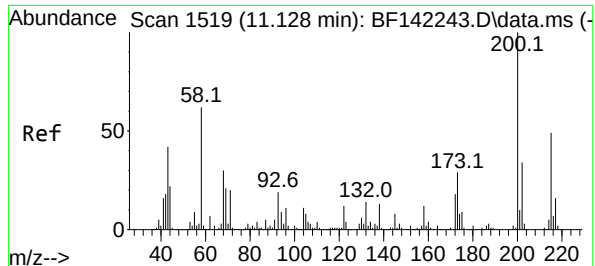


#68
Hexachlorobenzene
Concen: 41.809 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



Tgt Ion:284 Resp: 321448
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.0 23.2 34.8





#69

Atrazine

Concen: 42.299 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 234825

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

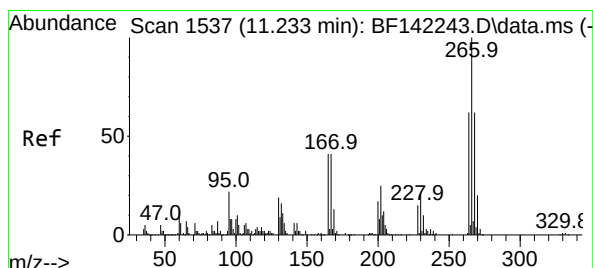
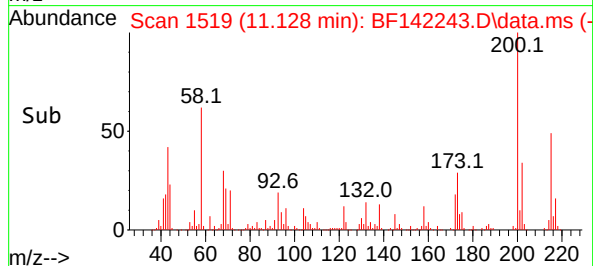
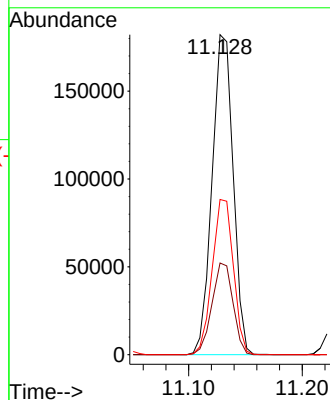
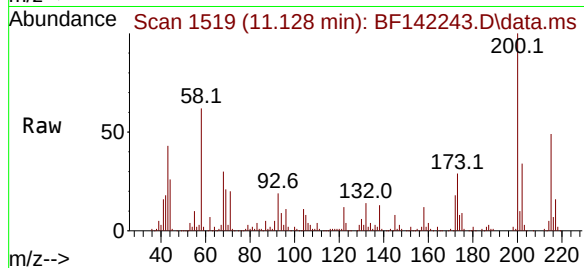
215 48.5 28.5 68.5

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 43.764 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

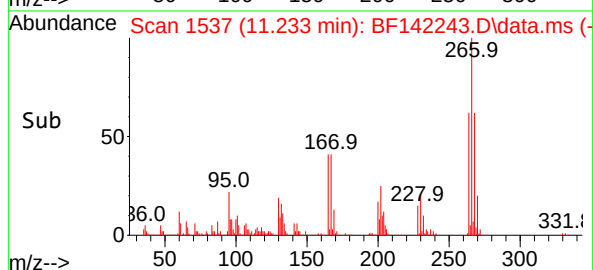
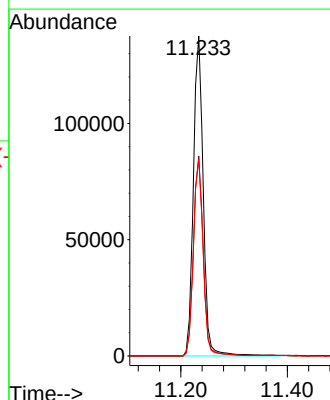
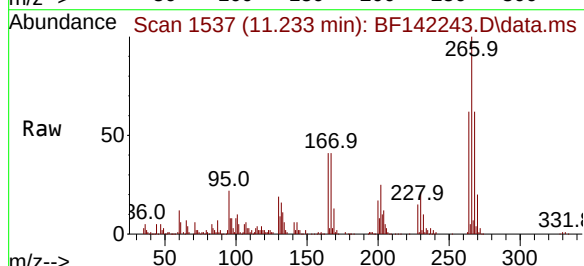
Tgt Ion:266 Resp: 177755

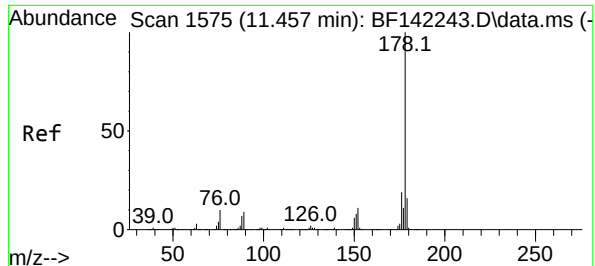
Ion Ratio Lower Upper

266 100

268 62.5 50.0 75.0

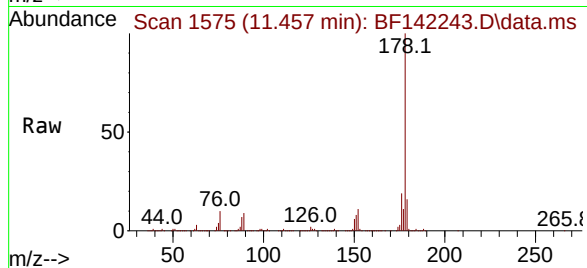
264 61.6 49.3 73.9





#71
Phenanthrene
Concen: 41.176 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

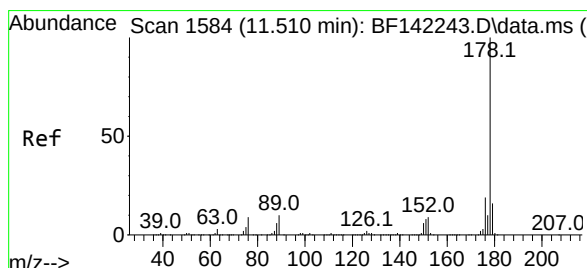
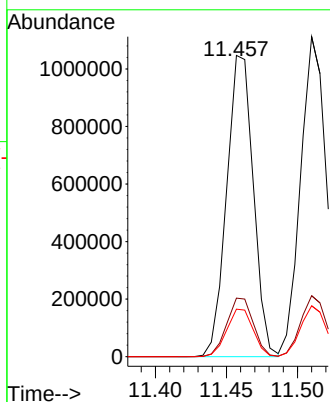
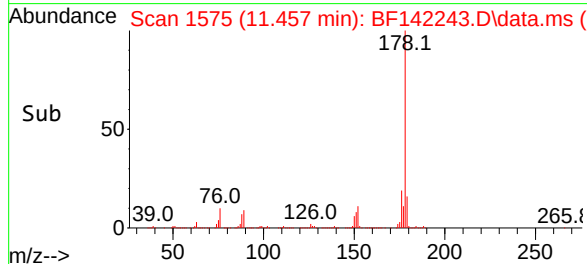
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1371009
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.6 19.0

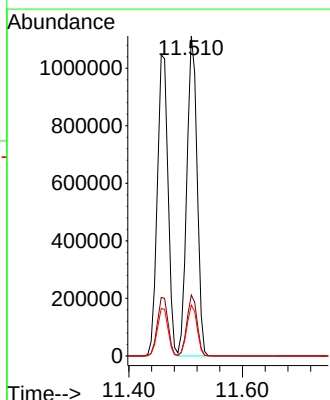
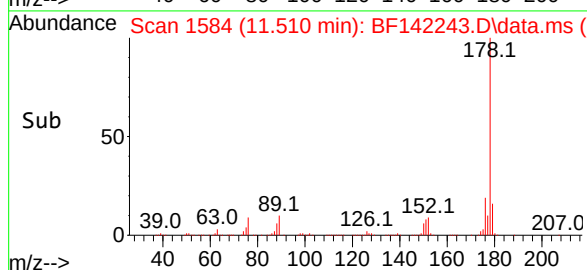
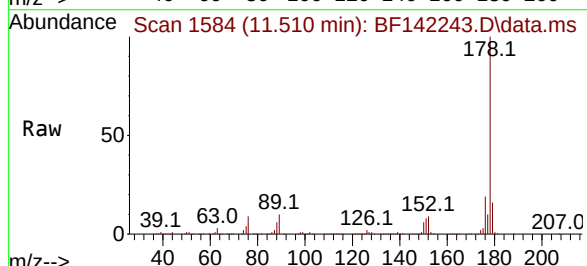
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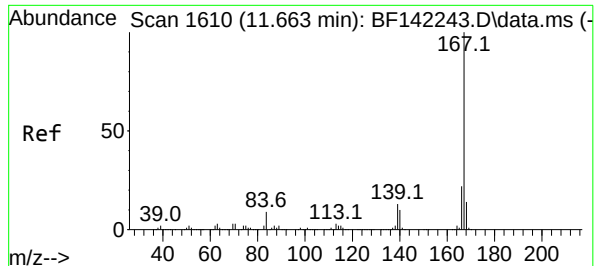
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#72
Anthracene
Concen: 40.840 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

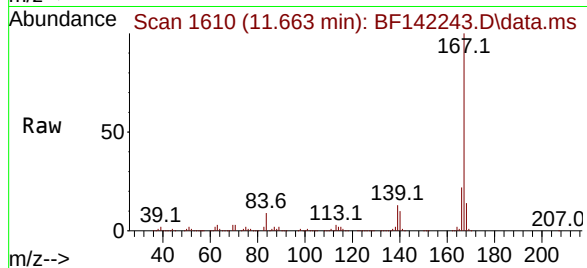
Tgt Ion:178 Resp: 1390308
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.7 19.1





#73
Carbazole
Concen: 40.999 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

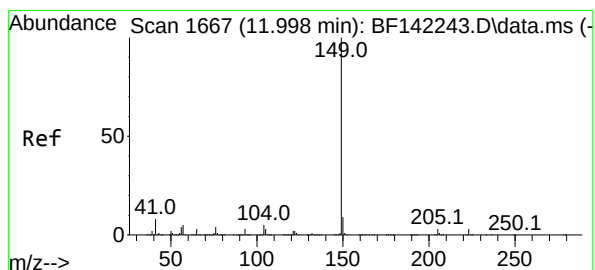
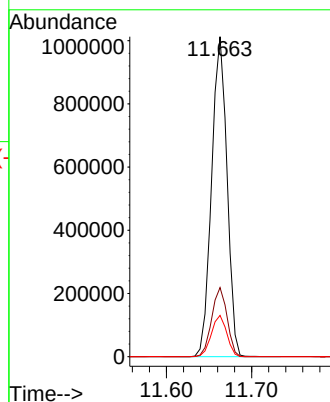
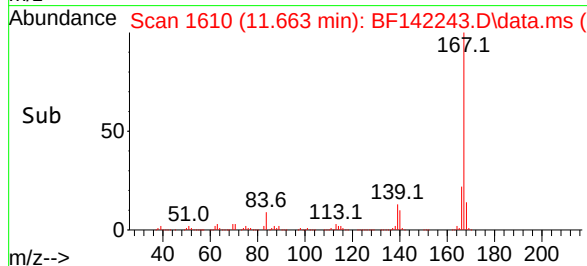
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



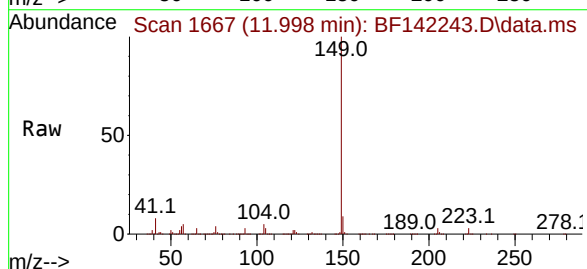
Tgt Ion:167 Resp: 1273184
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 12.9 10.3 15.5

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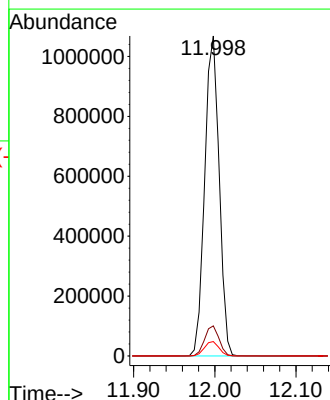
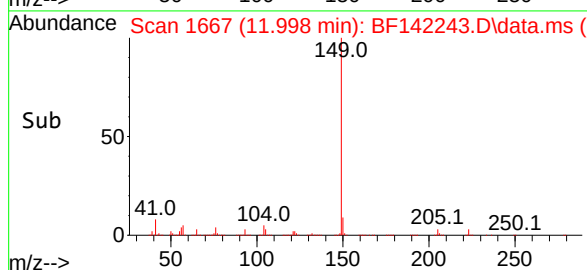
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

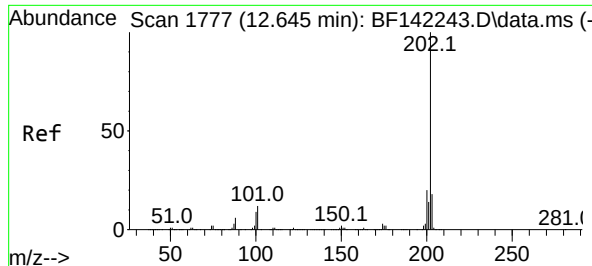


#74
Di-n-butylphthalate
Concen: 42.180 ng
RT: 11.998 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



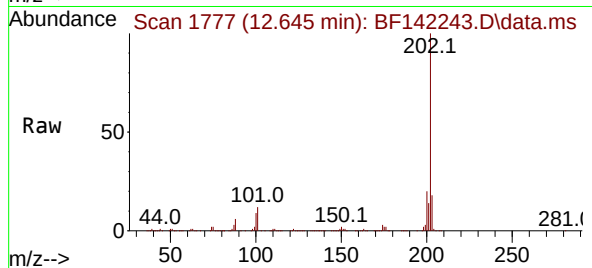
Tgt Ion:149 Resp: 1317363
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 40.652 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

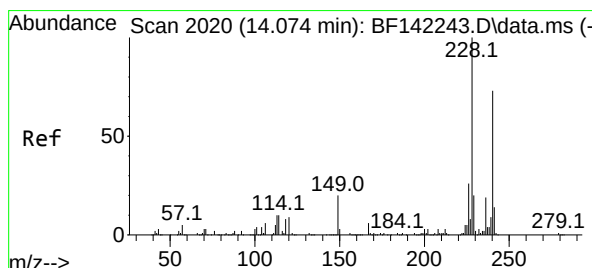
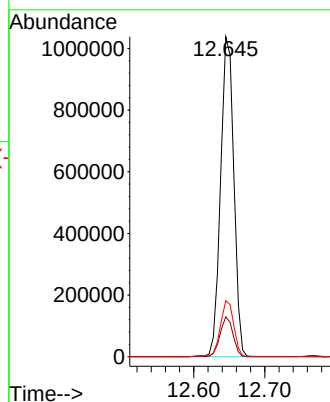
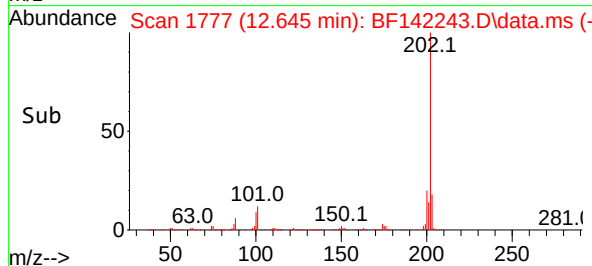
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1338000
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.4
203 17.5 0.0 37.5

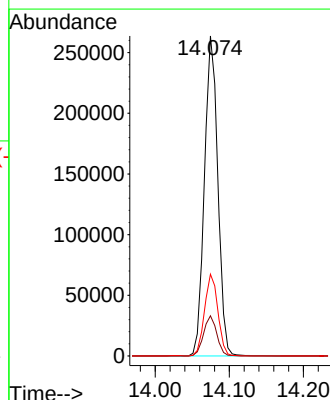
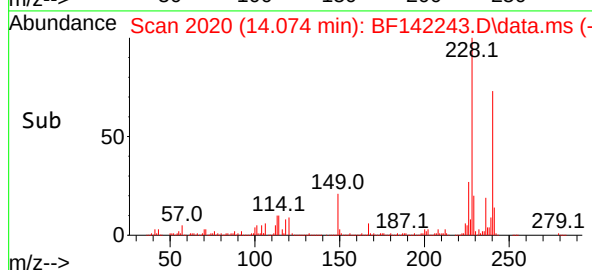
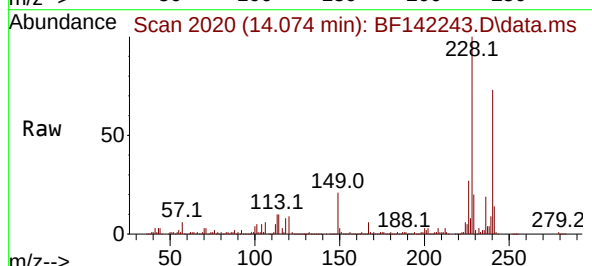
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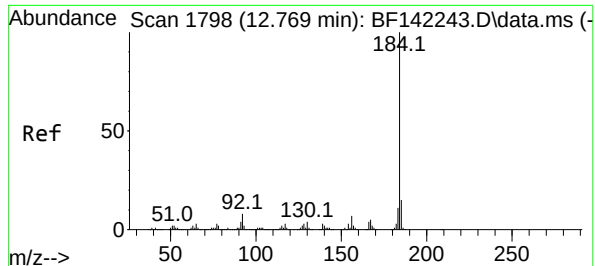
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

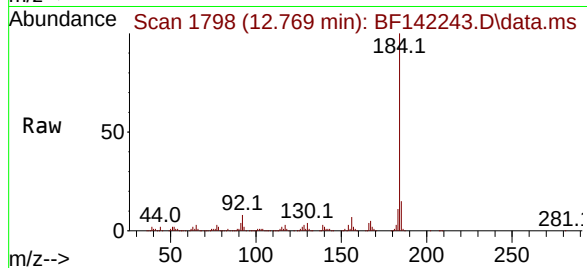
Tgt Ion:240 Resp: 331192
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.6 20.5 30.7





#77
Benzidine
Concen: 45.346 ng
RT: 12.769 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

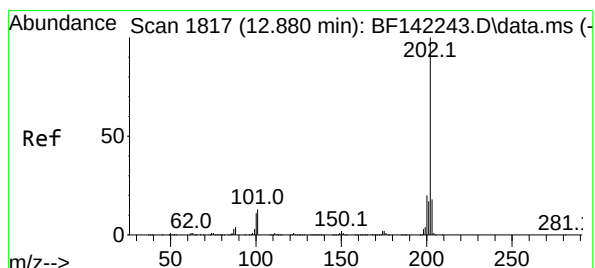
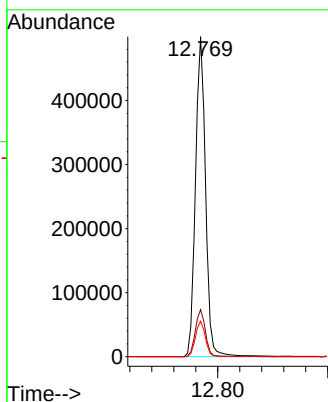
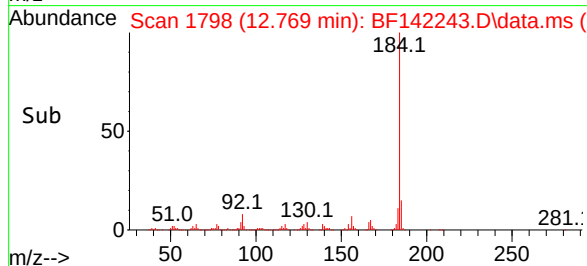
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 63814
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.1 8.9 13.3

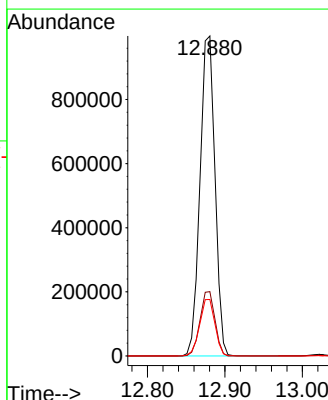
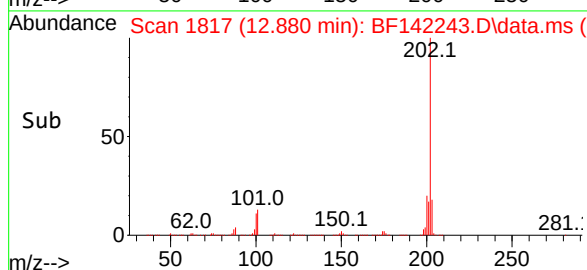
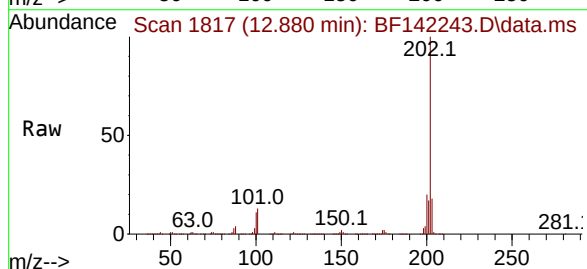
Manual Integrations
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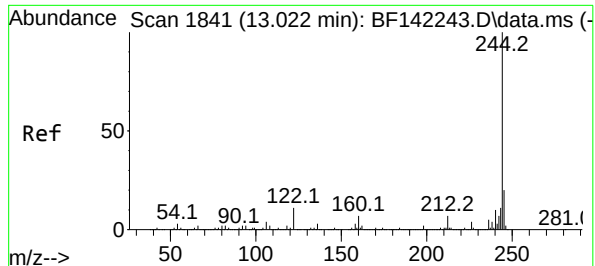
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 43.920 ng
RT: 12.880 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:202 Resp: 1341800
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 86.181 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF142243.D

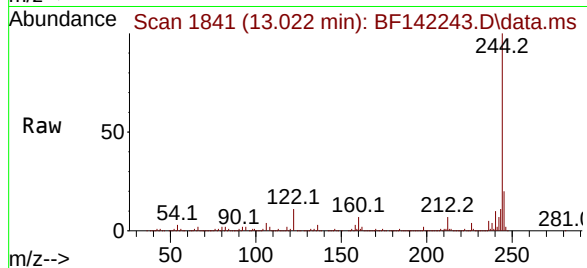
Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 1962470

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

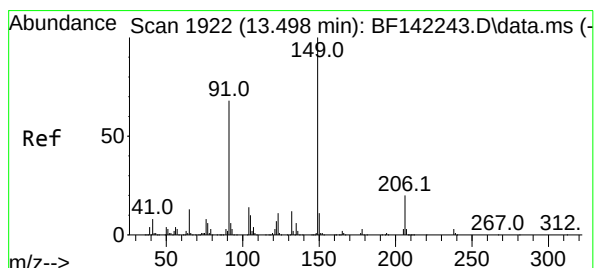
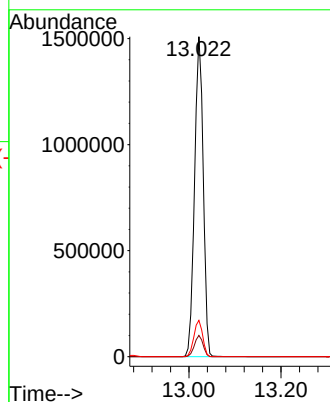
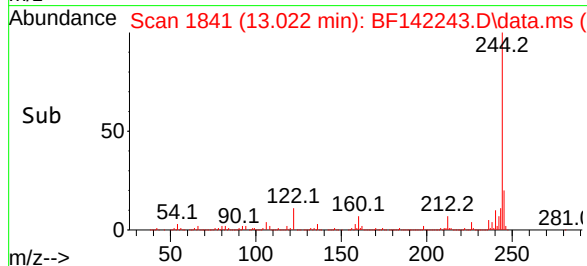
122 11.4 9.1 13.7

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#80

Butylbenzylphthalate

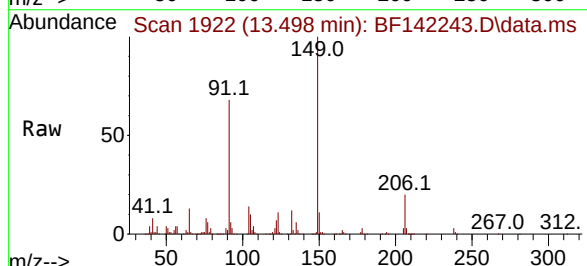
Concen: 40.624 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17



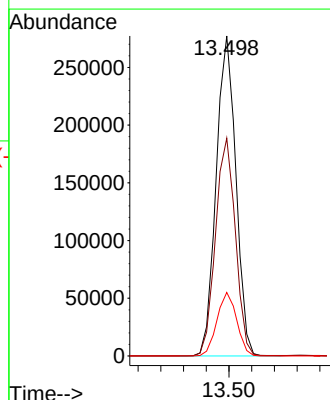
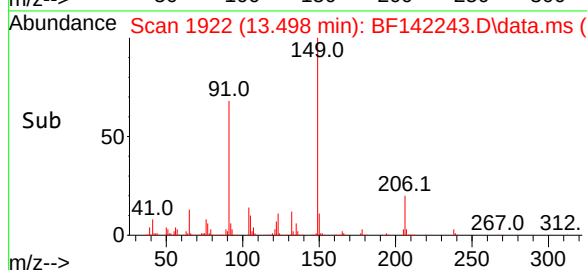
Tgt Ion:149 Resp: 334175

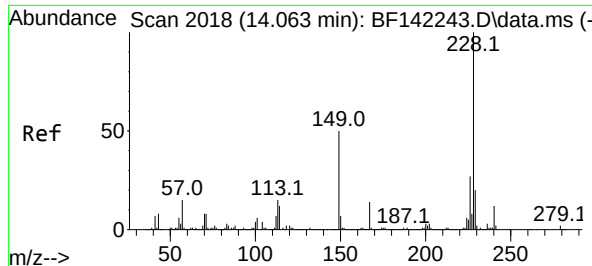
Ion Ratio Lower Upper

149 100

91 68.0 54.4 81.6

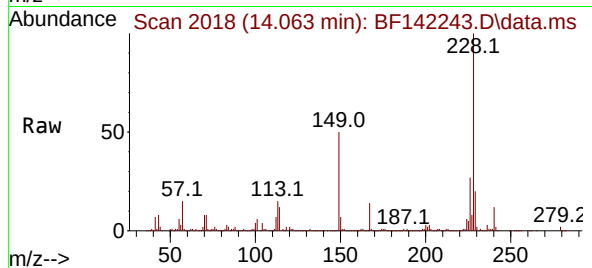
206 19.9 15.9 23.9





#81
Benzo(a)anthracene
Concen: 42.831 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

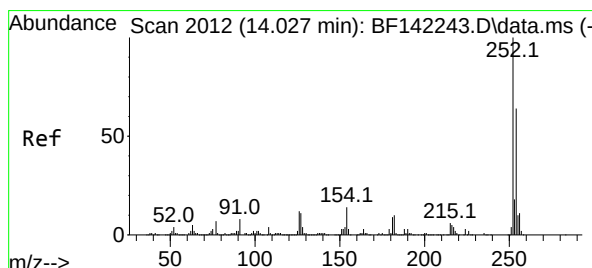
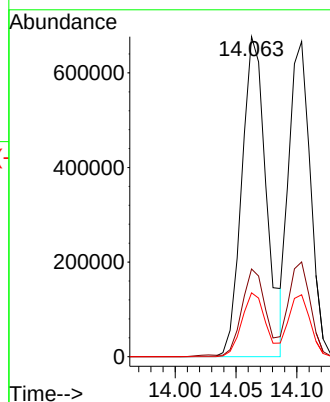
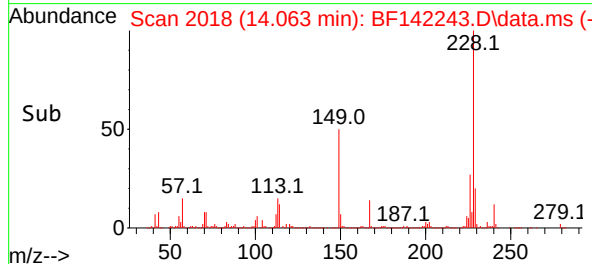
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



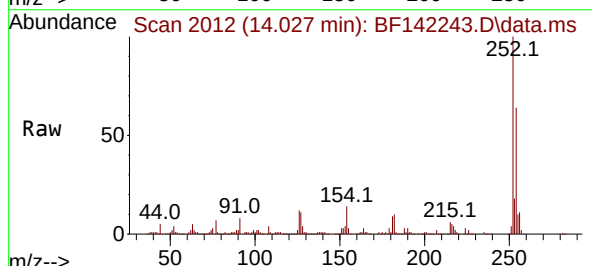
Tgt Ion:228 Resp: 952290
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 16.0 24.0

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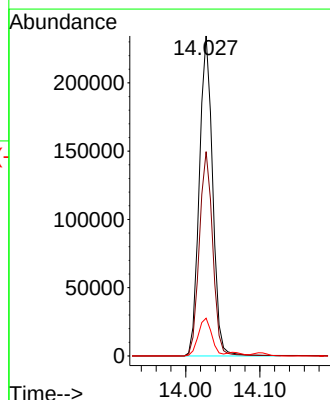
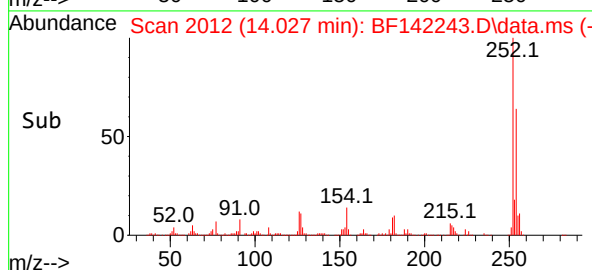
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

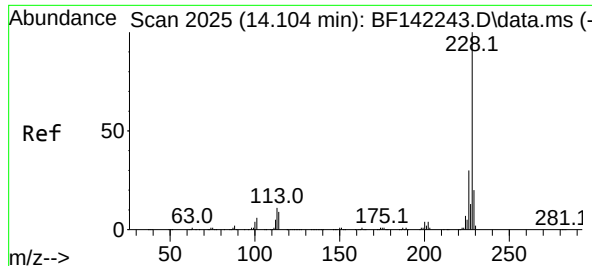


#82
3,3'-Dichlorobenzidine
Concen: 44.859 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



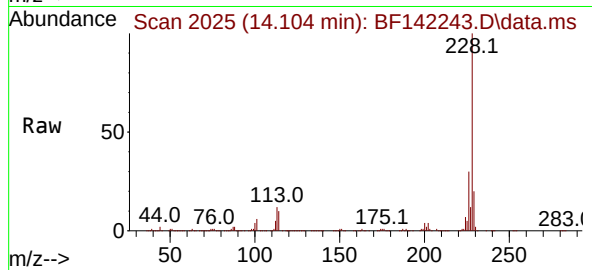
Tgt Ion:252 Resp: 292958
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 11.8 9.4 14.2





#83
Chrysene
Concen: 40.321 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

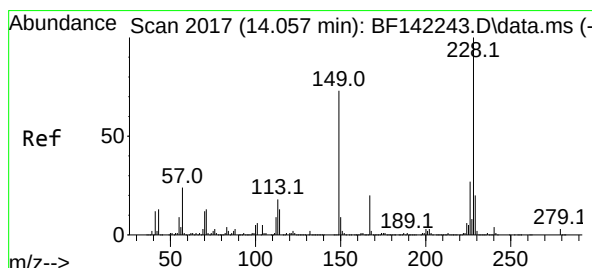
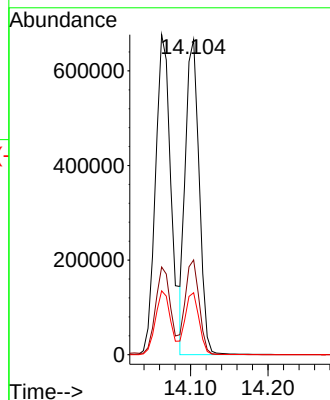
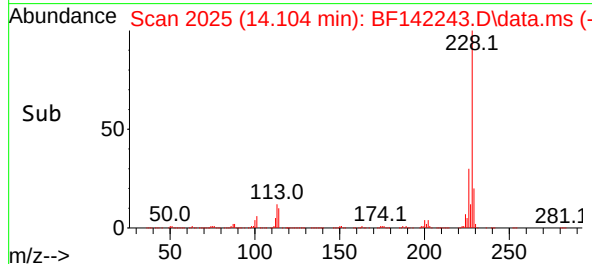
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 81604
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.6 15.7 23.5

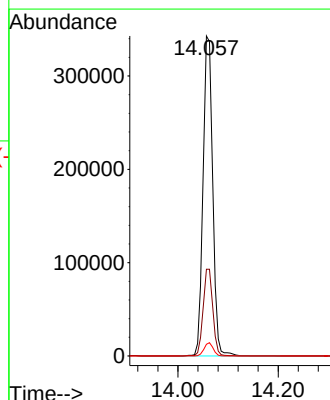
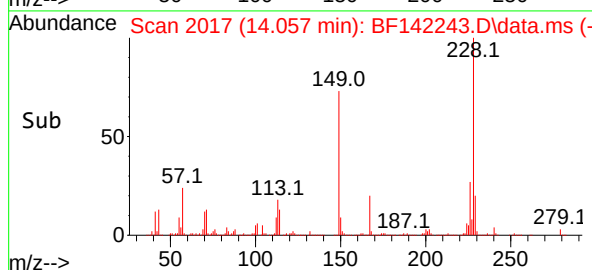
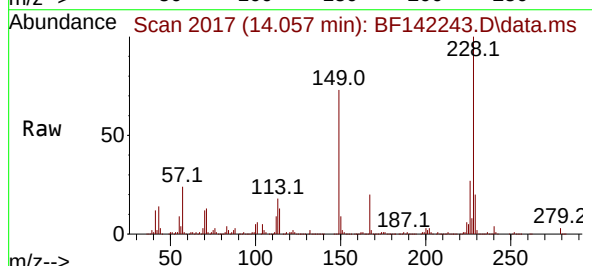
Manual Integrations
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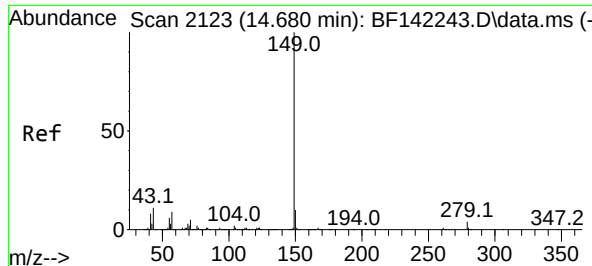
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.356 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

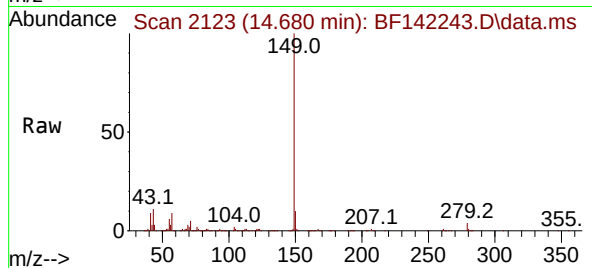
Tgt Ion:149 Resp: 460074
Ion Ratio Lower Upper
149 100
167 27.1 21.7 32.5
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 40.504 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

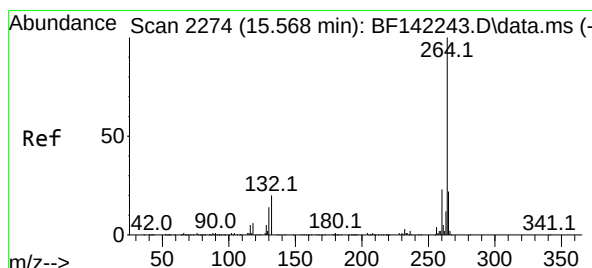
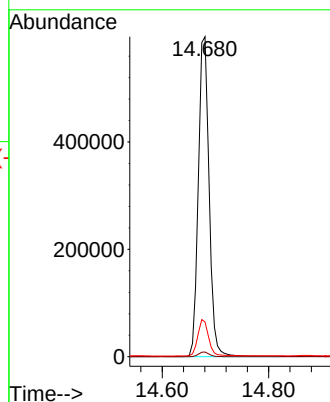
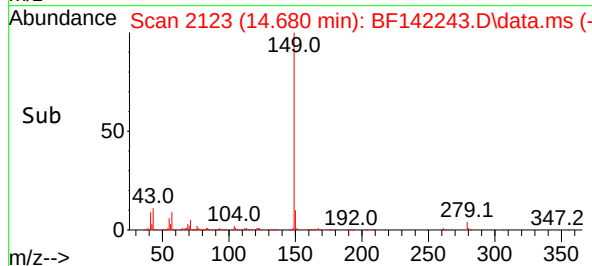
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 836078
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.6 9.3 13.9

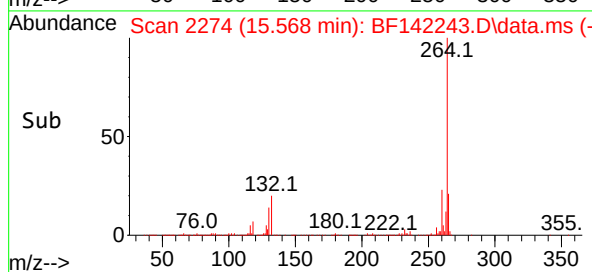
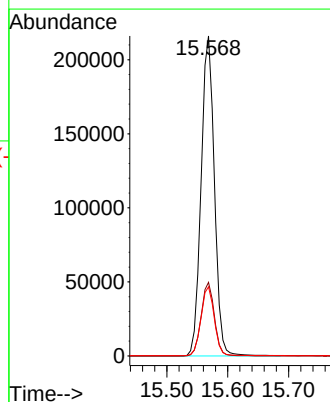
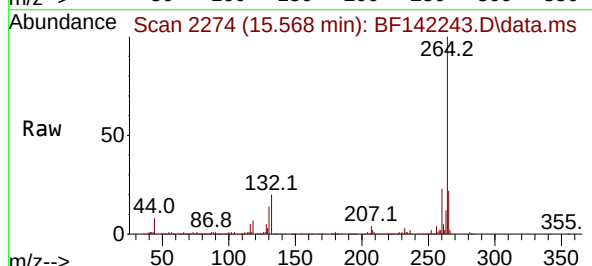
Manual Integrations
APPROVED

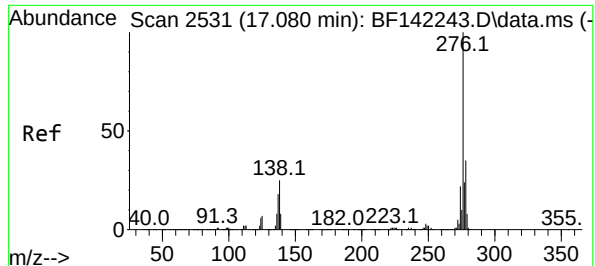
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

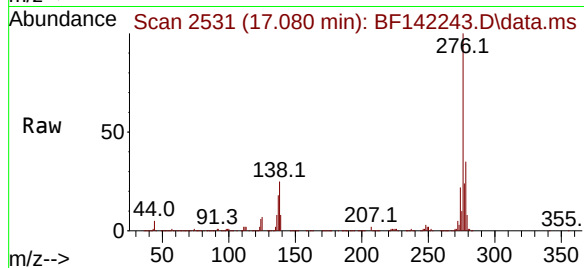
Tgt Ion:264 Resp: 328405
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.6 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.049 ng
RT: 17.080 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

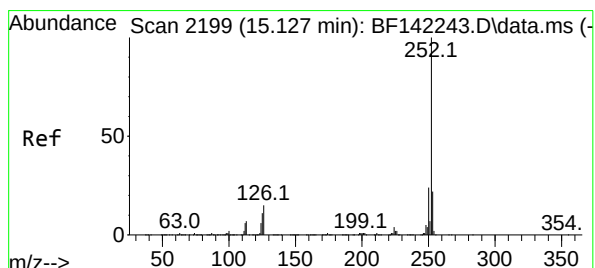
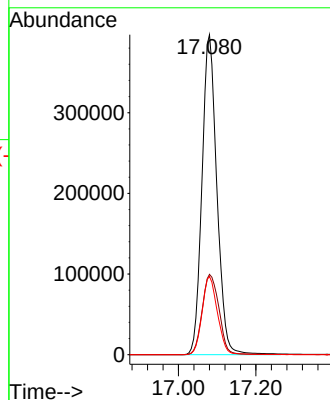
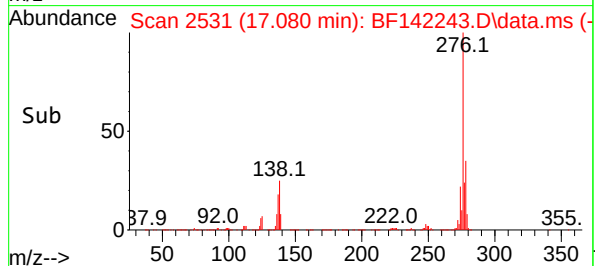
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 105959
Ion Ratio Lower Upper
276 100
138 28.2 22.6 33.8
277 25.1 20.1 30.1

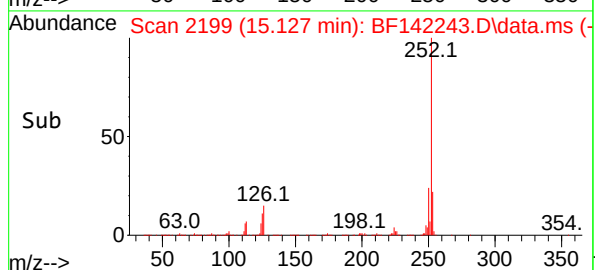
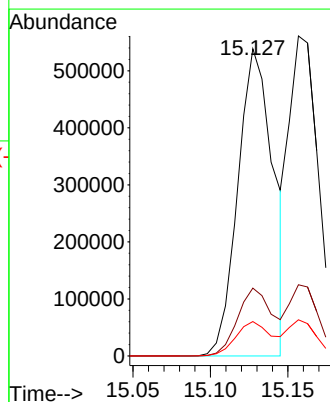
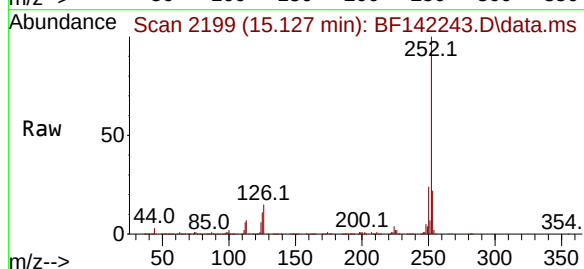
Manual Integrations
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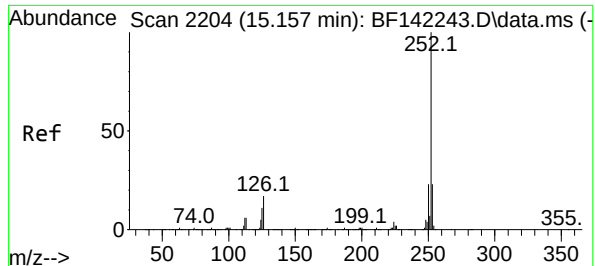
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#88
Benzo(b)fluoranthene
Concen: 41.912 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 252 Resp: 854971
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.2 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 40.310 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 752135

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

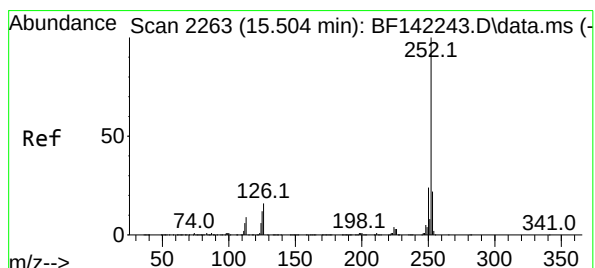
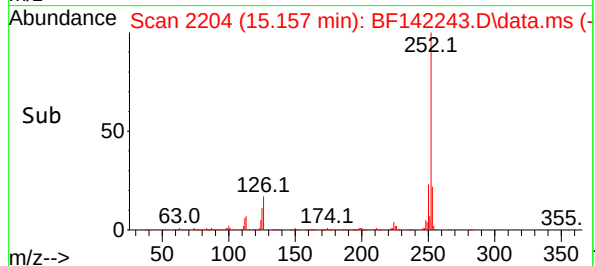
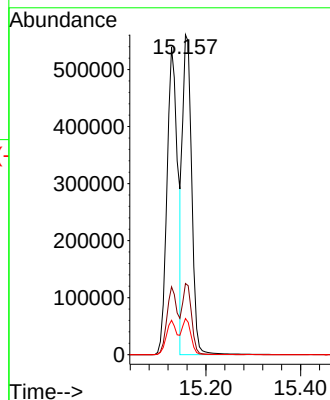
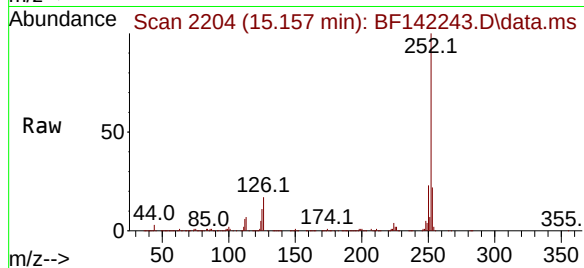
125 11.3 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 42.318 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

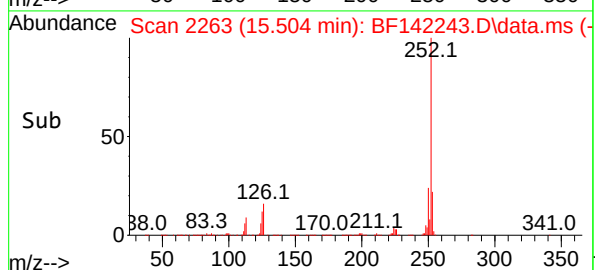
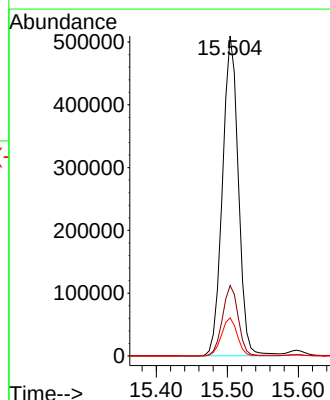
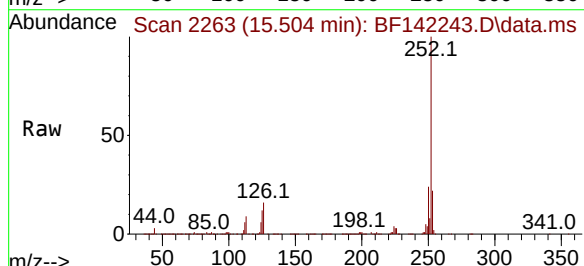
Tgt Ion:252 Resp: 790330

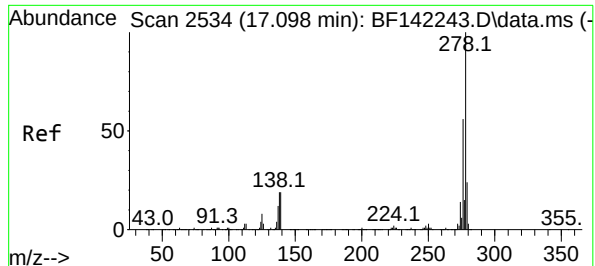
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

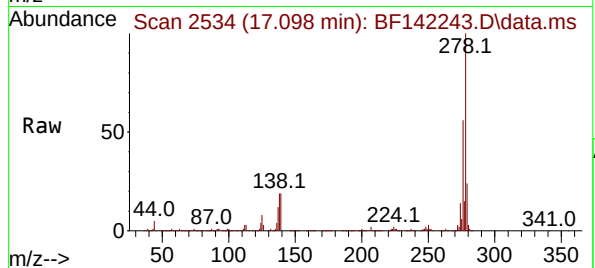
125 11.9 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 44.142 ng
RT: 17.098 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

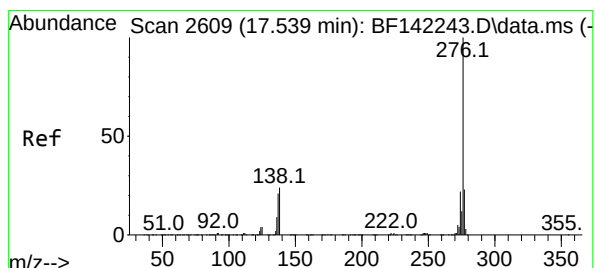
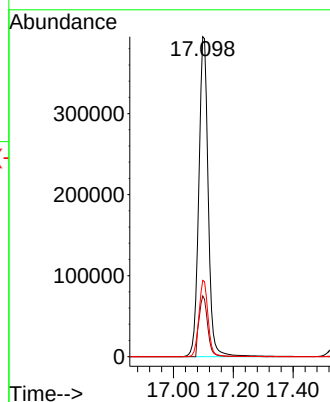
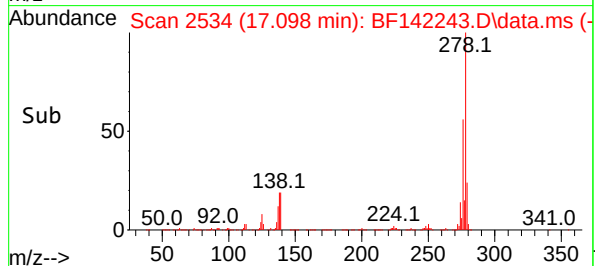
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 86178
Ion Ratio Lower Upper
278 100
139 19.0 15.2 22.8
279 23.8 19.0 28.6

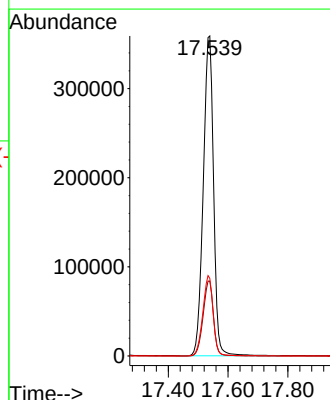
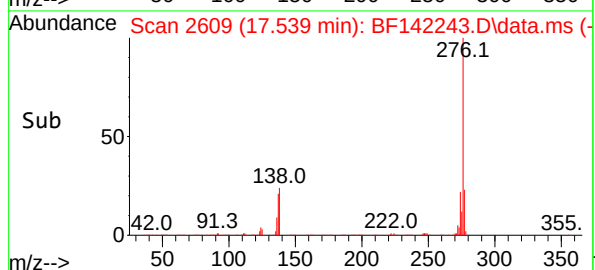
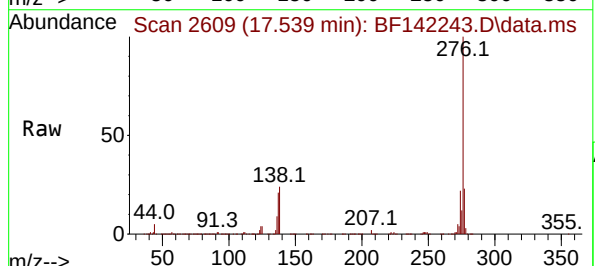
Manual Integrations
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Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 43.758 ng
RT: 17.539 min Scan# 2609
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:276 Resp: 858804
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 24.2 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	179073	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	691236	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	360144	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	604171	20.000	ng	0.00
76) Chrysene-d12	14.074	240	322957	20.000	ng	0.00
86) Perylene-d12	15.568	264	337726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1150166	102.577	ng	0.00
7) Phenol-d6	6.528	99	1387418	102.468	ng	0.00
23) Nitrobenzene-d5	7.475	82	1213856	115.369	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	369823	112.641	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2425708	94.966	ng	0.00
79) Terphenyl-d14	13.021	244	2247982	101.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	259869	51.894	ng	99
3) Pyridine	3.463	79	672711	51.688	ng	100
4) n-Nitrosodimethylamine	3.416	42	353028	52.416	ng	96
6) Aniline	6.575	93	986118	51.454	ng	99
8) 2-Chlorophenol	6.692	128	606252	52.325	ng	99
9) Benzaldehyde	6.463	77	482619	50.998	ng	98
10) Phenol	6.539	94	755326m	51.820	ng	
11) bis(2-Chloroethyl)ether	6.645	93	575347	50.934	ng	100
12) 1,3-Dichlorobenzene	6.851	146	661612	50.476	ng	99
13) 1,4-Dichlorobenzene	6.928	146	666083	50.439	ng	99
14) 1,2-Dichlorobenzene	7.081	146	640983	50.843	ng	100
15) Benzyl Alcohol	7.045	79	504297	52.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1049319	51.444	ng	100
17) 2-Methylphenol	7.151	107	485145	51.113	ng	100
18) Hexachloroethane	7.428	117	229911	53.193	ng	97
19) n-Nitroso-di-n-propyla...	7.328	70	420535	50.261	ng	99
20) 3+4-Methylphenols	7.310	107	611404	51.510	ng	# 89
22) Acetophenone	7.322	105	796460	49.805	ng	96
24) Nitrobenzene	7.492	77	584670	56.634	ng	99
25) Isophorone	7.734	82	1129933	51.170	ng	99
26) 2-Nitrophenol	7.810	139	228021	51.526	ng	97
27) 2,4-Dimethylphenol	7.839	122	576054	51.741	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	708439	50.870	ng	99
29) 2,4-Dichlorophenol	8.045	162	494488	53.125	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	524508	50.497	ng	100
31) Naphthalene	8.216	128	1725818	50.064	ng	100
32) Benzoic acid	7.939	122	252184	47.667	ng	98
33) 4-Chloroaniline	8.257	127	730860	50.914	ng	99
34) Hexachlorobutadiene	8.333	225	307118	50.679	ng	99
35) Caprolactam	8.628	113	154579	55.251	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	505527	52.891	ng	100
37) 2-Methylnaphthalene	8.904	142	1057924	49.915	ng	100
38) 1-Methylnaphthalene	9.004	142	1107217	50.427	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	509426	50.261	ng	99
41) Hexachlorocyclopentadiene	9.063	237	331287	57.591	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	337910	53.801	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142244.D
 Acq On : 30 Apr 2025 13:46
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:43:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

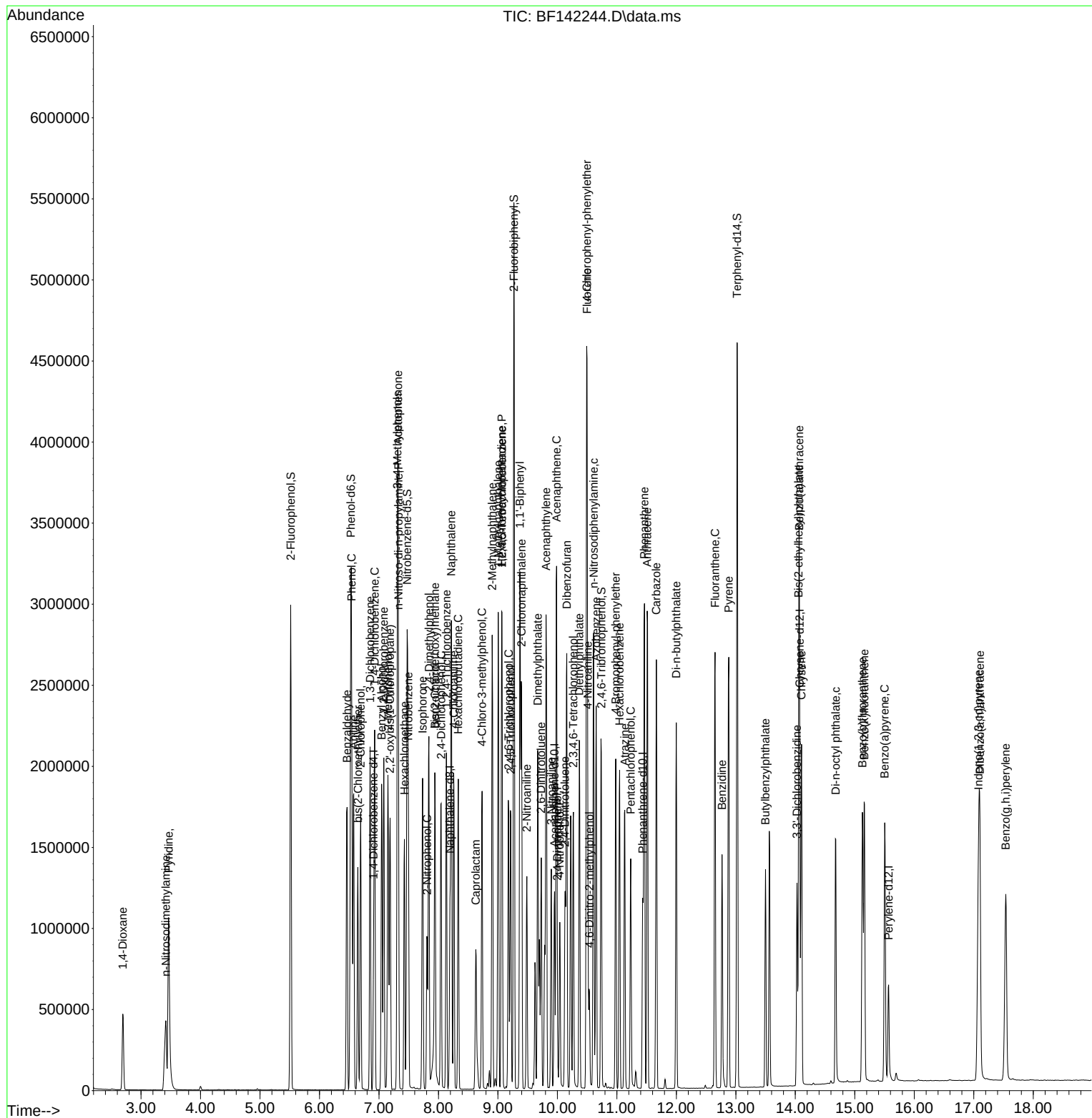
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	370489	56.106	ng	98
46) 1,1'-Biphenyl	9.369	154	1392513	49.736	ng	100
47) 2-Chloronaphthalene	9.398	162	1041842	50.015	ng	100
48) 2-Nitroaniline	9.486	65	284370	51.394	ng	100
49) Acenaphthylene	9.810	152	1769441	50.339	ng	100
50) Dimethylphthalate	9.669	163	1178638	51.156	ng	99
51) 2,6-Dinitrotoluene	9.727	165	232906	52.309	ng	99
52) Acenaphthene	9.986	154	1024409	49.912	ng	100
53) 3-Nitroaniline	9.898	138	279608	51.745	ng	97
54) 2,4-Dinitrophenol	9.998	184	62086	50.725	ng	98
55) Dibenzofuran	10.157	168	1542097	50.123	ng	100
56) 4-Nitrophenol	10.039	139	210153	58.029	ng	99
57) 2,4-Dinitrotoluene	10.127	165	280193	51.918	ng	98
58) Fluorene	10.498	166	1146269	49.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	300782	54.989	ng	99
60) Diethylphthalate	10.369	149	1170793	51.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	553271	49.802	ng	98
62) 4-Nitroaniline	10.510	138	258117	52.547	ng	100
63) Azobenzene	10.651	77	1150899	51.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	98114	49.012	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1041277	50.442	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	340298	50.576	ng	97
68) Hexachlorobenzene	11.045	284	384807	51.064	ng	99
69) Atrazine	11.133	200	287405	52.819	ng	100
70) Pentachlorophenol	11.233	266	219414	55.114	ng	98
71) Phenanthrene	11.463	178	1607091	49.244	ng	99
72) Anthracene	11.510	178	1659788	49.744	ng	100
73) Carbazole	11.663	167	1504715	49.436	ng	100
74) Di-n-butylphthalate	11.998	149	1578769	51.573	ng	100
75) Fluoranthene	12.651	202	1563998	48.481	ng	99
77) Benzidine	12.768	184	762858	55.590	ng	99
78) Pyrene	12.880	202	1563568	52.484	ng	100
80) Butylbenzylphthalate	13.498	149	423529	51.685	ng	100
81) Benzo(a)anthracene	14.068	228	1120699	51.691	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	363124	57.021	ng	98
83) Chrysene	14.104	228	990991	50.214	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	585800	51.638	ng	100
85) Di-n-octyl phthalate	14.680	149	1065626	51.078	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1313336	53.091	ng	99
88) Benzo(b)fluoranthene	15.127	252	1073096	51.153	ng	100
89) Benzo(k)fluoranthene	15.162	252	967248	50.408	ng	98
90) Benzo(a)pyrene	15.504	252	996599	51.890	ng	100
91) Dibenzo(a,h)anthracene	17.103	278	1073246	53.457	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1069402	52.984	ng	98

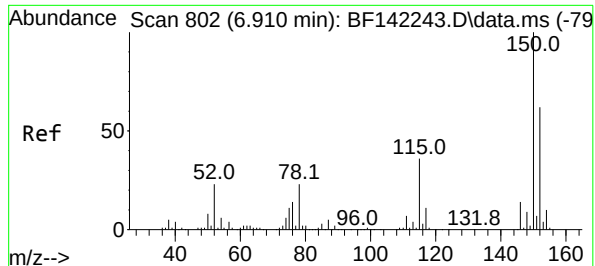
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

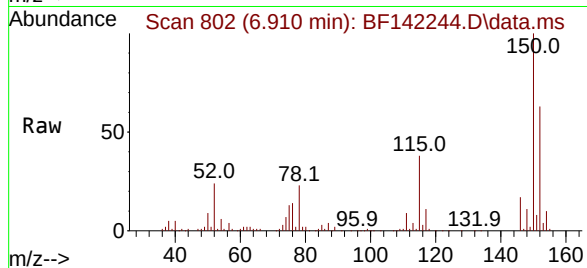
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

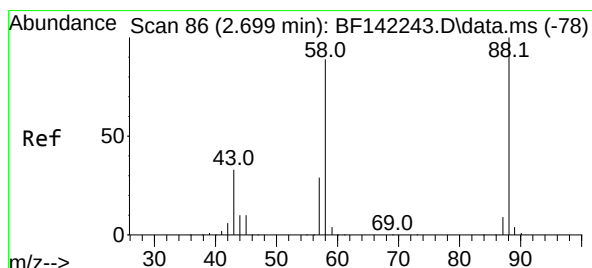
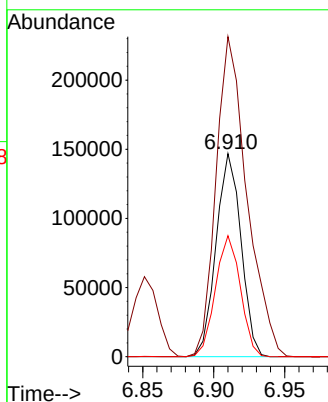
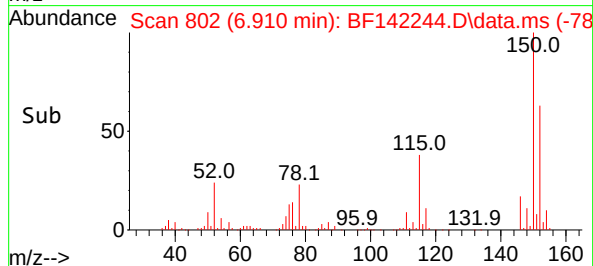
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 17907
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 59.6 47.0 70.4

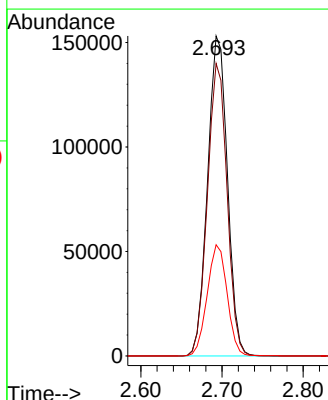
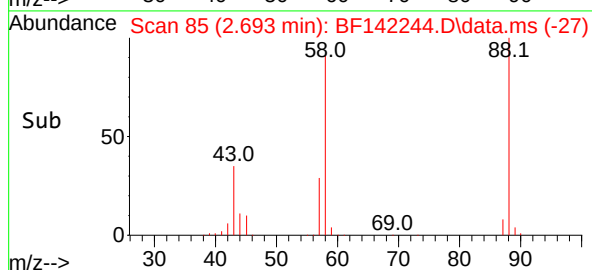
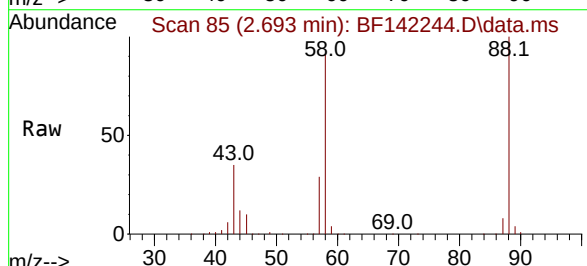
Manual Integrations
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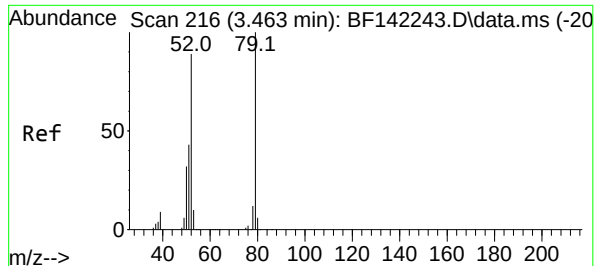
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 51.894 ng
RT: 2.693 min Scan# 85
Delta R.T. -0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion: 88 Resp: 259869
Ion Ratio Lower Upper
88 100
58 90.5 72.2 108.2
43 35.0 27.0 40.6





#3

Pyridine

Concen: 51.688 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.000 min

Lab File: BF142244.D

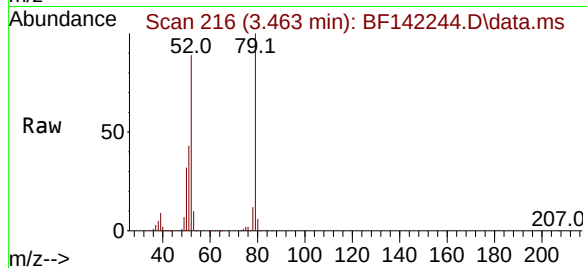
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 67271

Ion Ratio Lower Upper

79 100

52 89.2 71.5 107.3

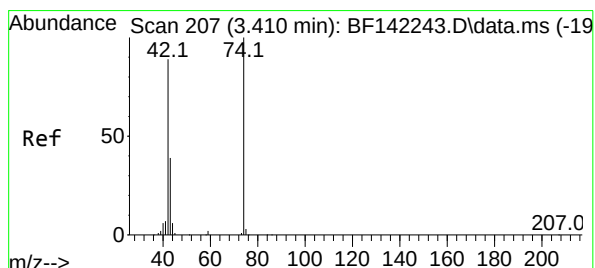
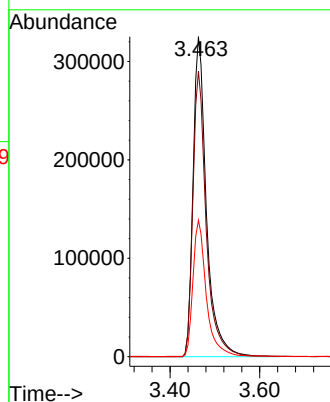
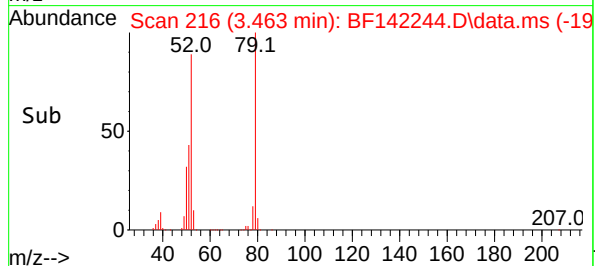
51 42.6 34.5 51.7

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

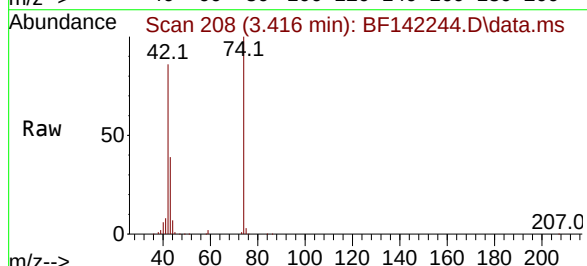
Concen: 52.416 ng

RT: 3.416 min Scan# 208

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46



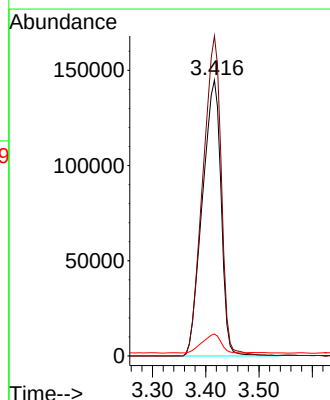
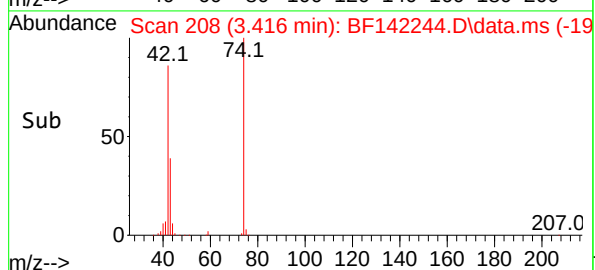
Tgt Ion: 42 Resp: 353028

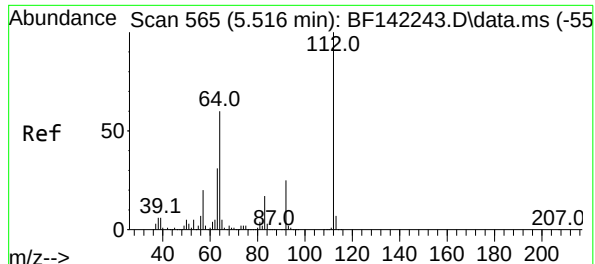
Ion Ratio Lower Upper

42 100

74 116.0 89.5 134.3

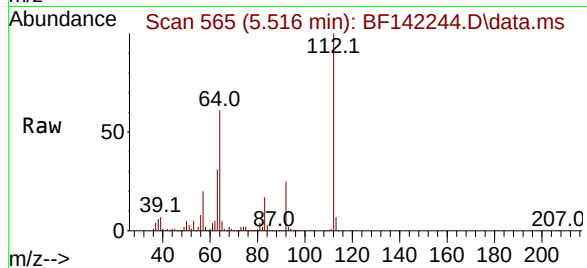
44 7.9 6.6 9.8





#5
2-Fluorophenol
Concen: 102.577 ng
RT: 5.516 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

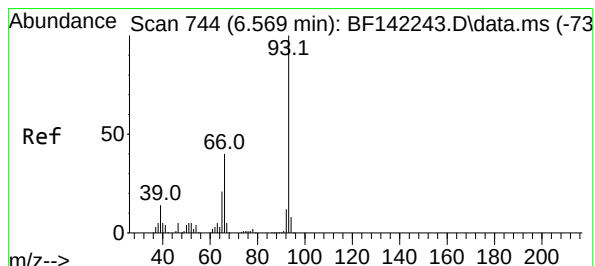
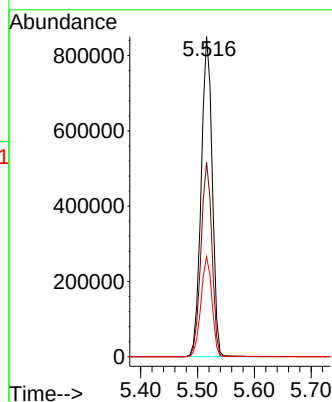
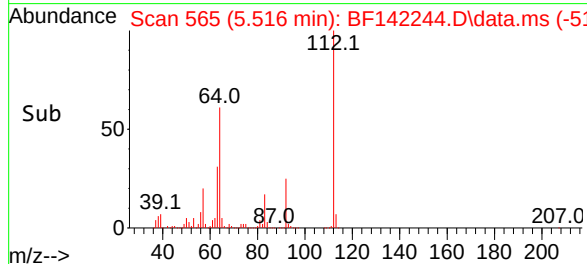
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 115016
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.3 24.8 37.2

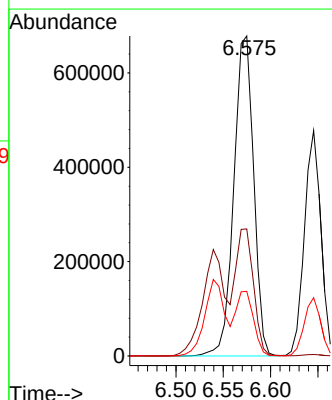
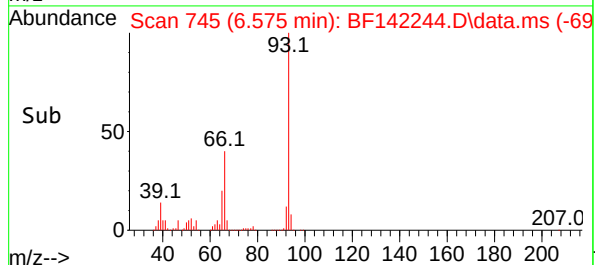
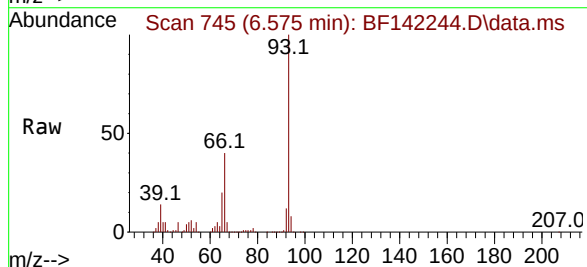
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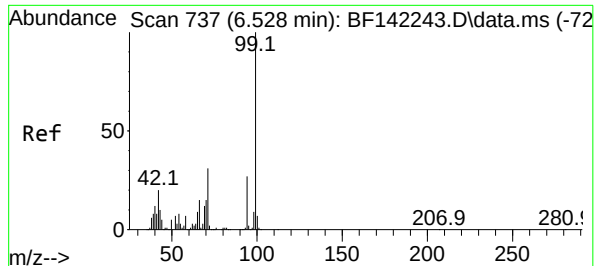
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 51.454 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

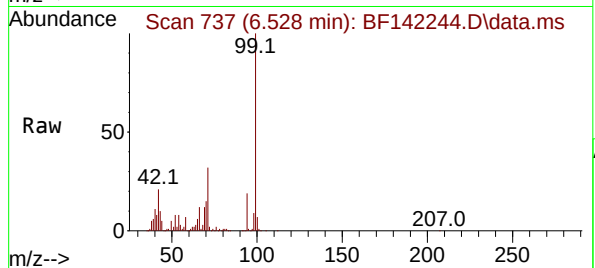
Tgt Ion: 93 Resp: 986118
Ion Ratio Lower Upper
93 100
66 39.7 32.1 48.1
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 102.468 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

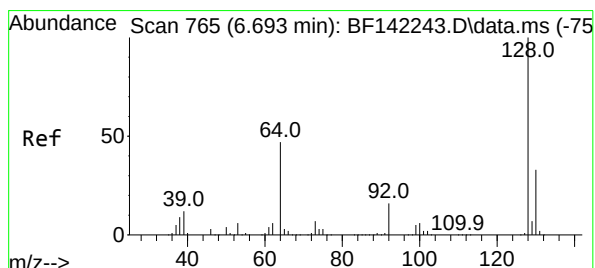
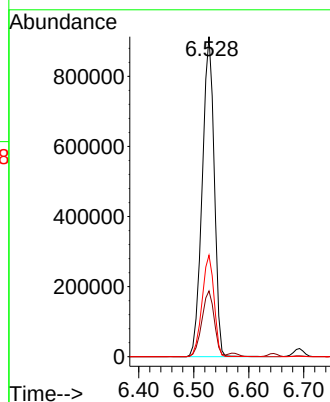
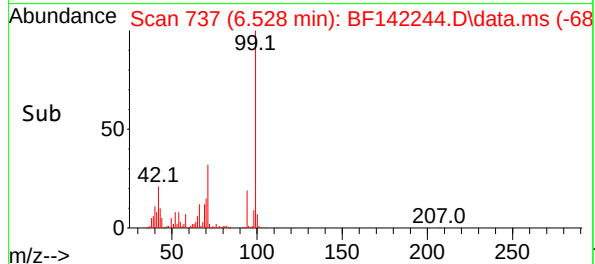
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1387418
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 31.7 25.0 37.4

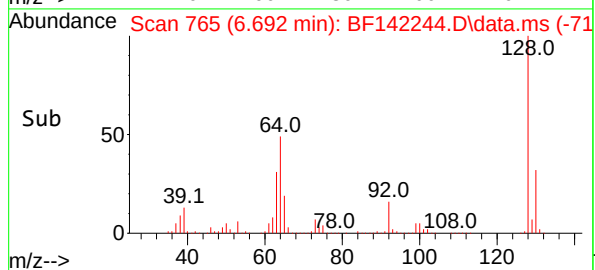
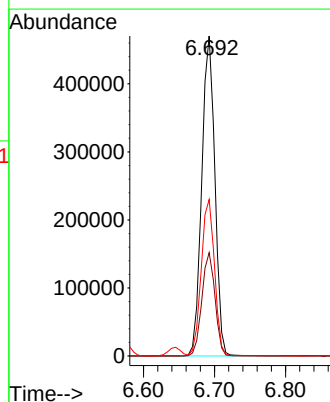
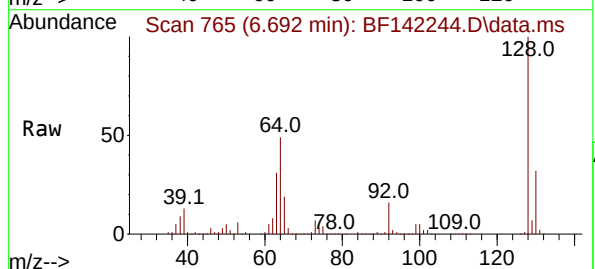
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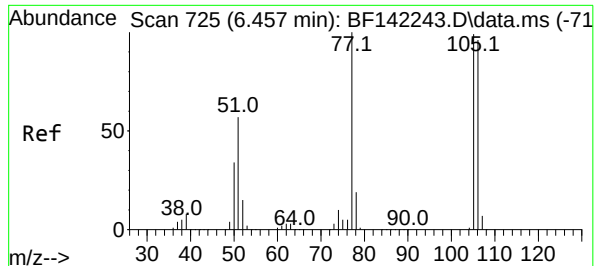
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#8
2-Chlorophenol
Concen: 52.325 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:128 Resp: 606252
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 48.9 28.6 68.6





#9

Benzaldehyde

Concen: 50.998 ng

RT: 6.463 min Scan# 726

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 482619

Ion Ratio Lower Upper

77 100

105 100.3 79.1 119.1

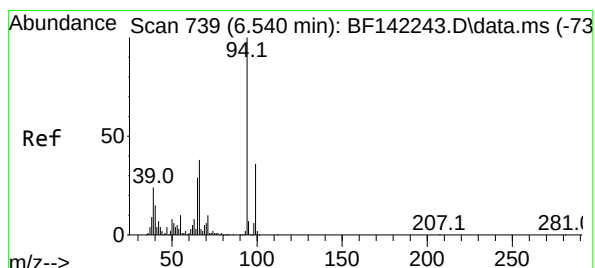
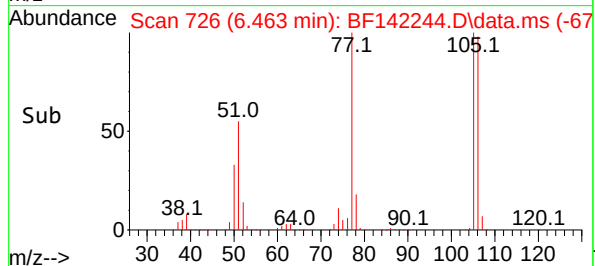
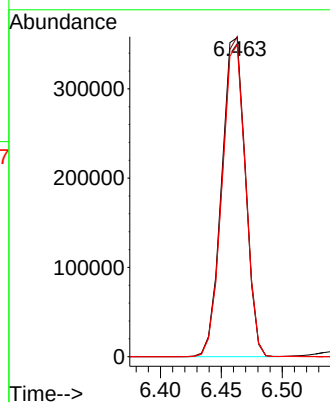
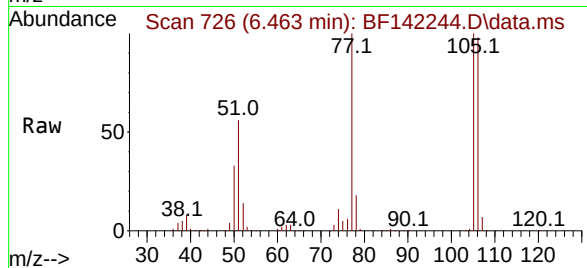
106 97.8 76.0 116.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 51.820 ng m

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

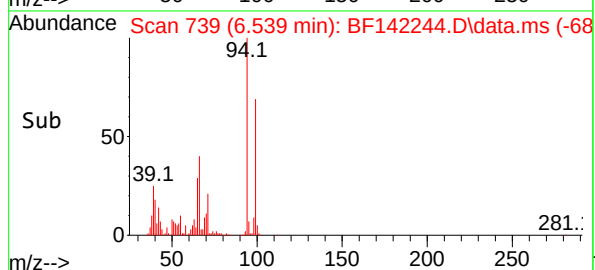
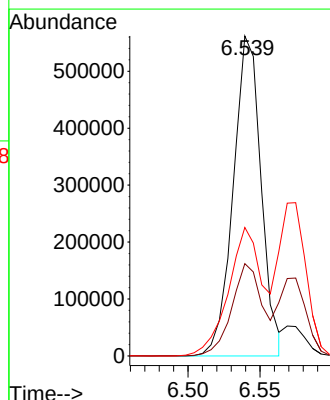
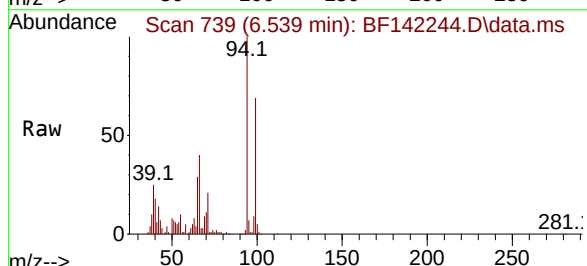
Tgt Ion: 94 Resp: 755326

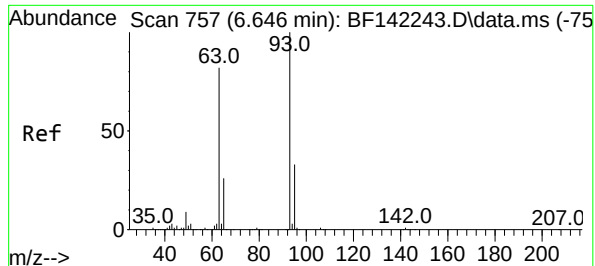
Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 40.2 18.7 58.7





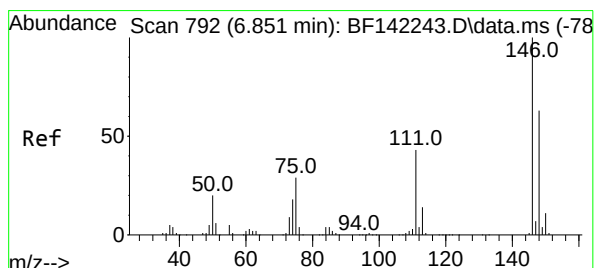
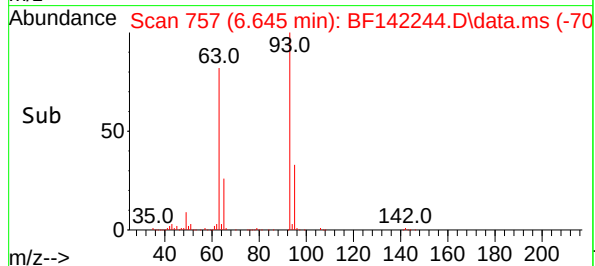
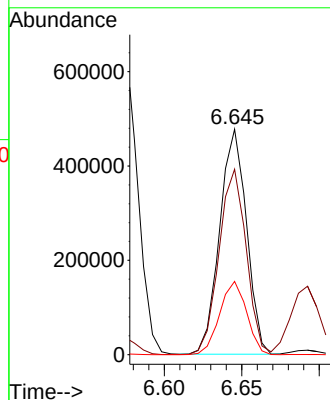
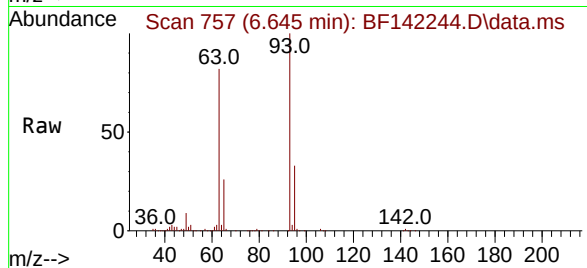
#11
bis(2-Chloroethyl)ether
Concen: 50.934 ng
RT: 6.645 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 57534
Ion Ratio Lower Upper
93 100
63 82.3 62.2 102.2
95 32.5 12.7 52.7

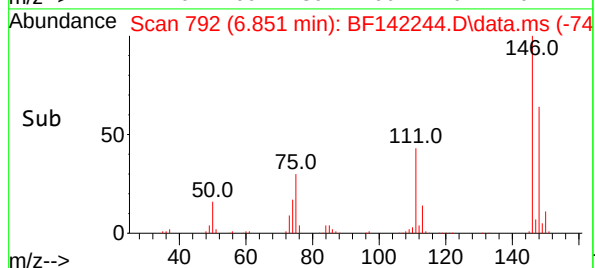
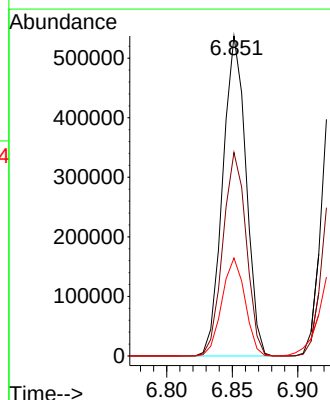
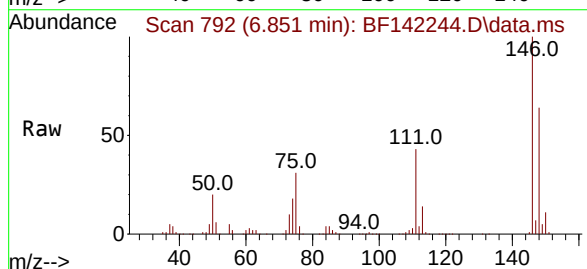
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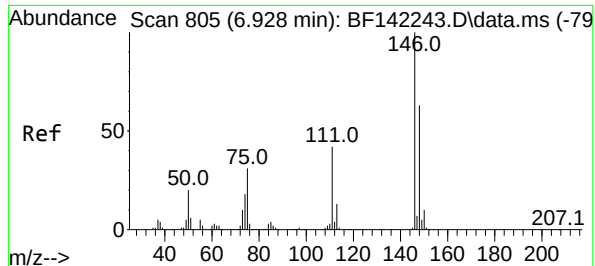
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 50.476 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:146 Resp: 661612
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 30.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 50.439 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 666083

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

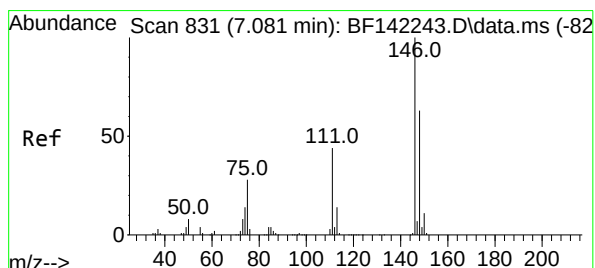
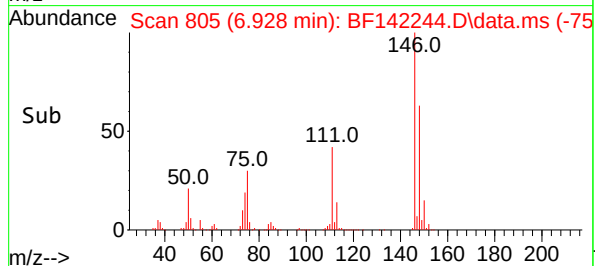
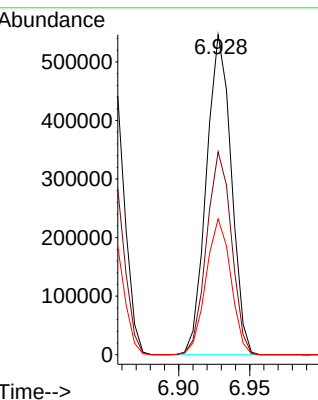
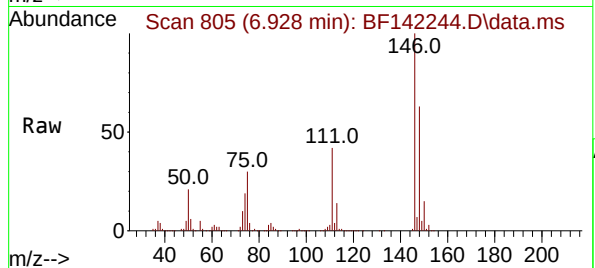
111 42.4 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 50.843 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

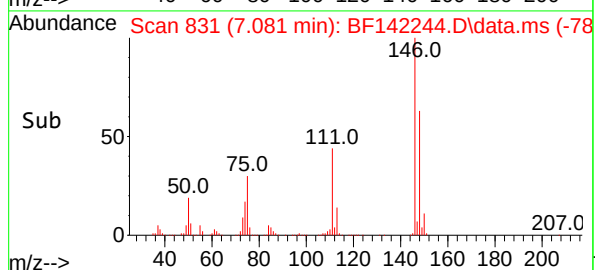
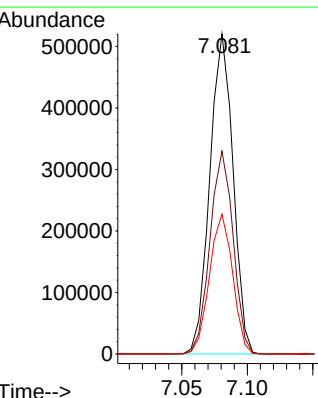
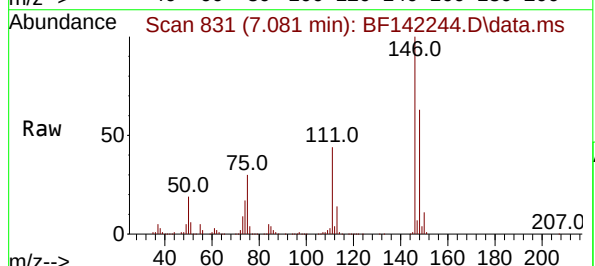
Tgt Ion:146 Resp: 640983

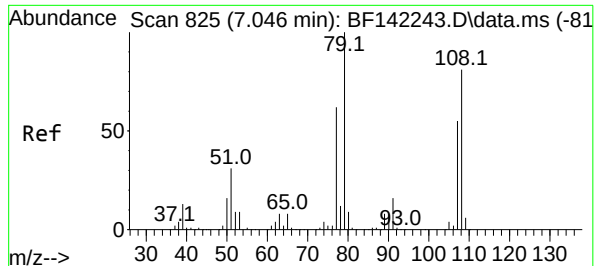
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 43.7 34.9 52.3





#15

Benzyl Alcohol

Concen: 52.514 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 50429

Ion Ratio Lower Upper

79 100

108 80.2 64.5 96.7

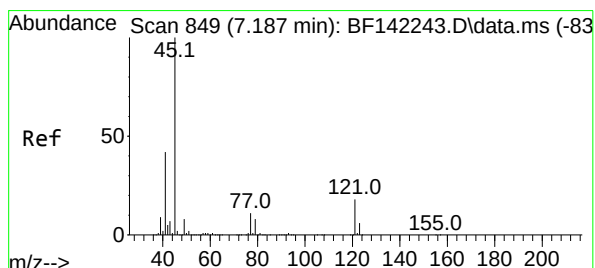
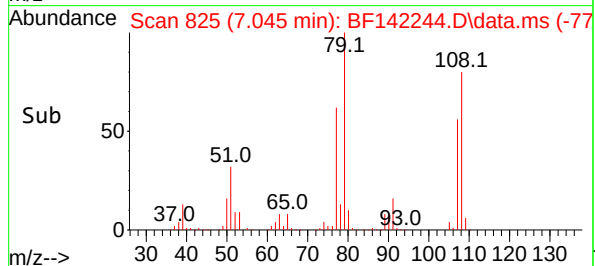
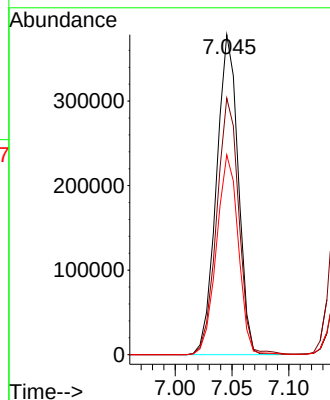
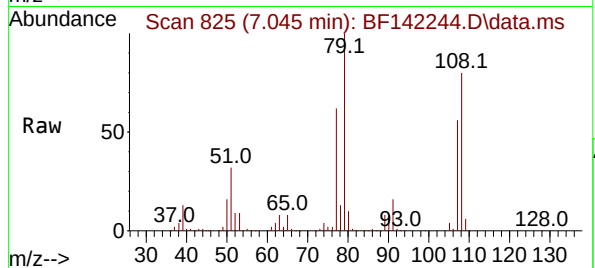
77 62.5 49.2 73.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.444 ng

RT: 7.186 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

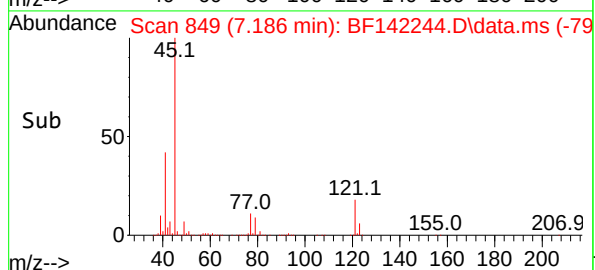
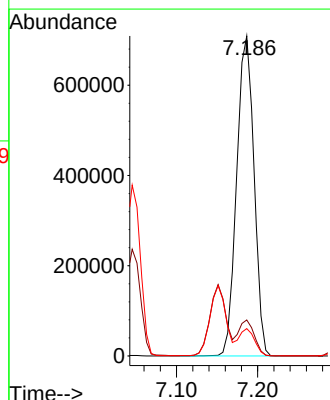
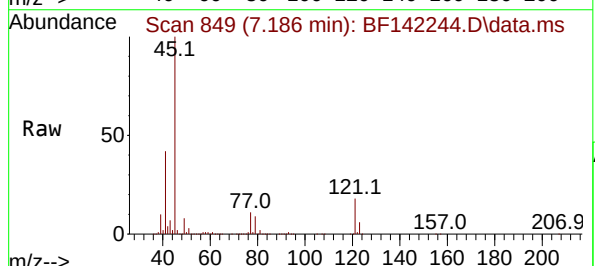
Tgt Ion: 45 Resp: 1049319

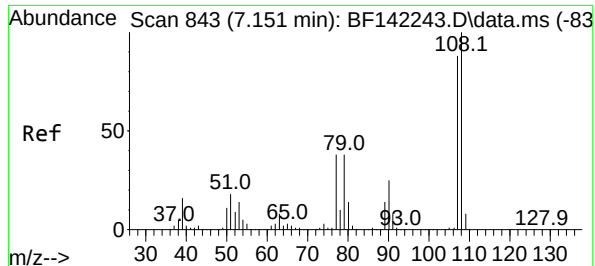
Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.3

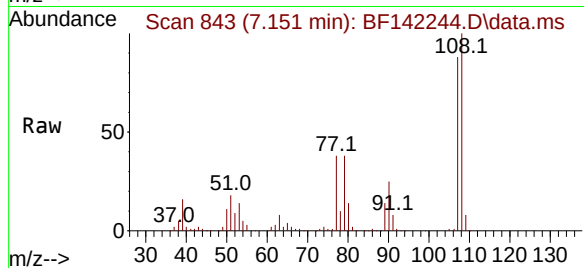
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 51.113 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

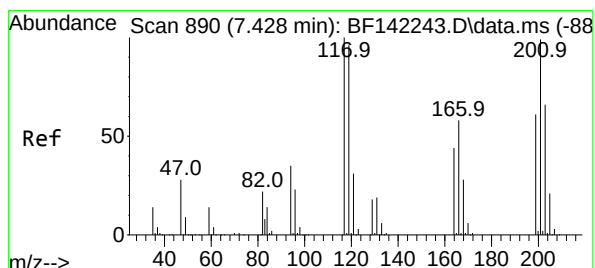
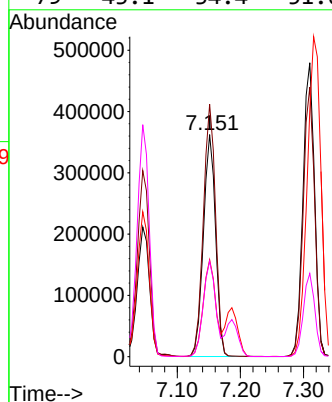
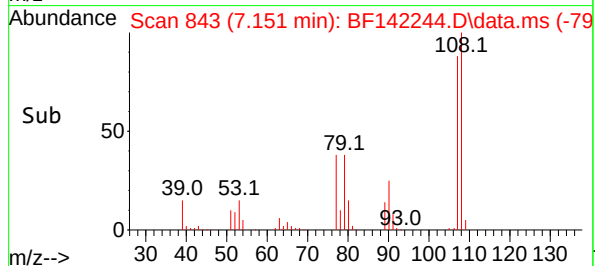
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 48514
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 43.6 34.4 51.6
79 43.1 34.4 51.6

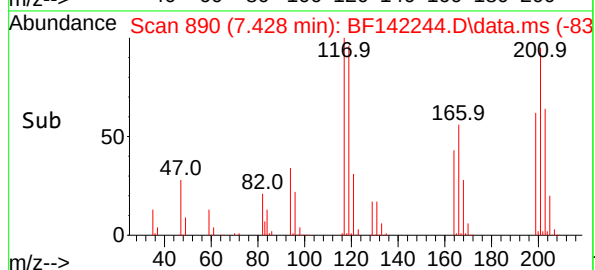
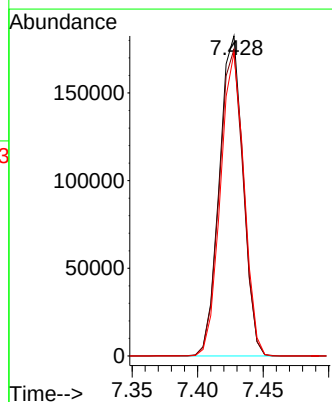
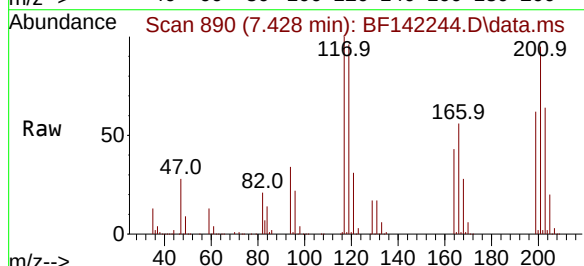
Manual Integrations
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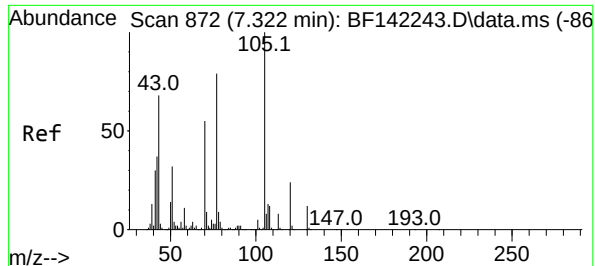
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 53.193 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:117 Resp: 229911
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
201 94.8 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 50.261 ng

RT: 7.328 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142244.D

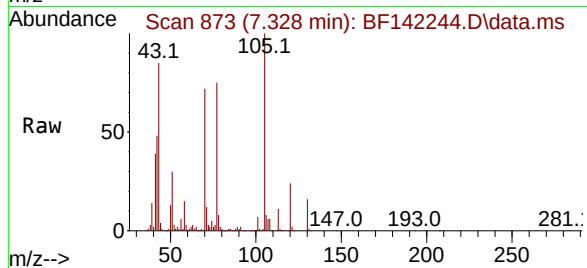
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 42053

Ion Ratio Lower Upper

70 100

42 66.4 53.4 80.2

101 9.9 7.7 11.5

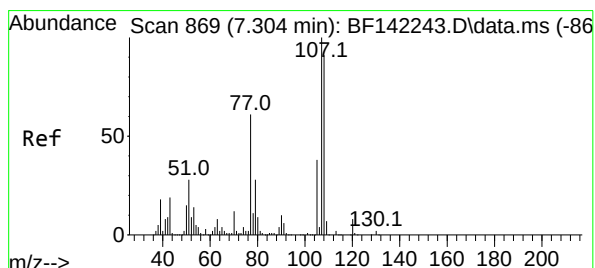
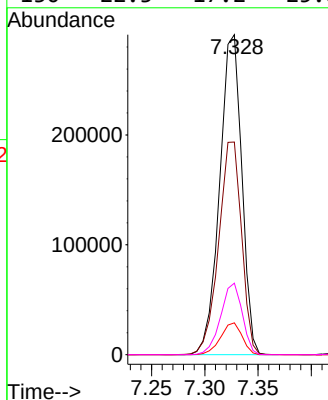
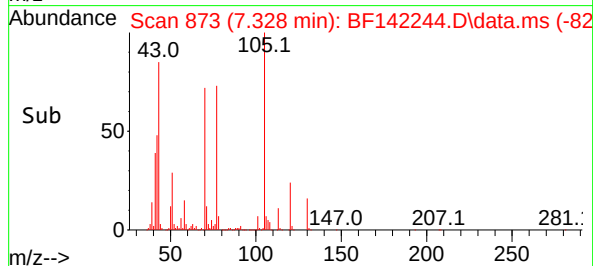
130 22.3 17.2 25.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

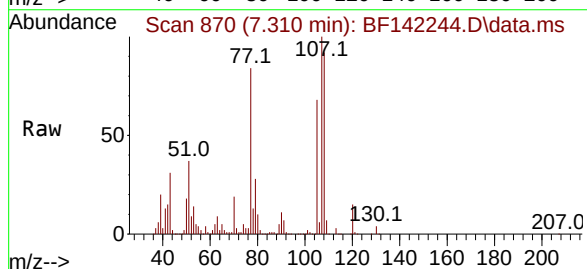
Concen: 51.510 ng

RT: 7.310 min Scan# 870

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46



Tgt Ion:107 Resp: 611404

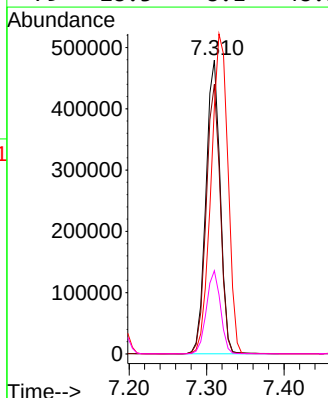
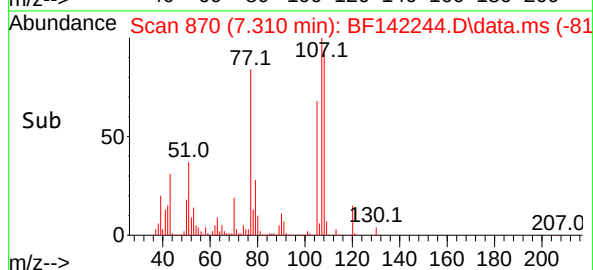
Ion Ratio Lower Upper

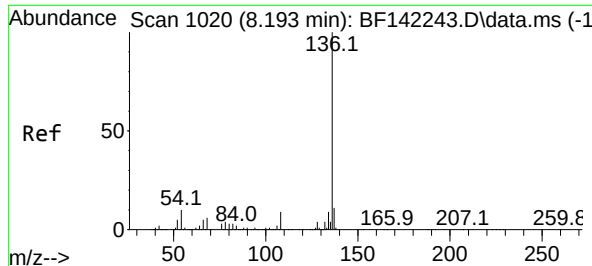
107 100

108 91.7 71.2 111.2

77 84.0 41.1 81.1

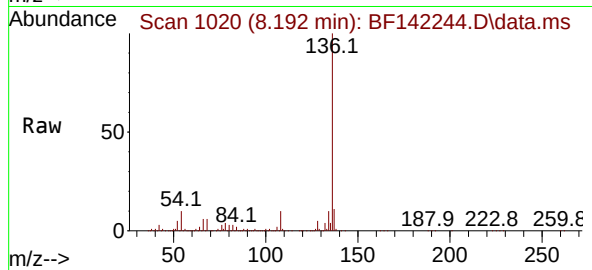
79 28.3 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

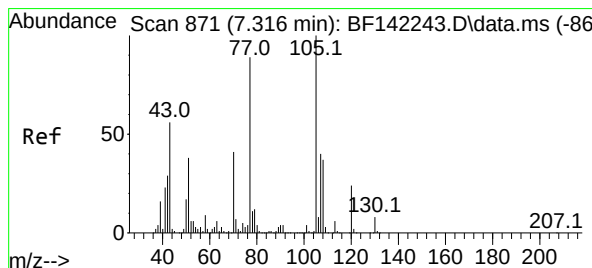
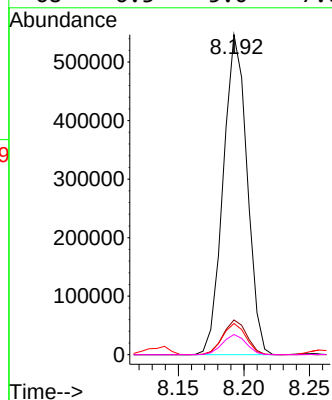
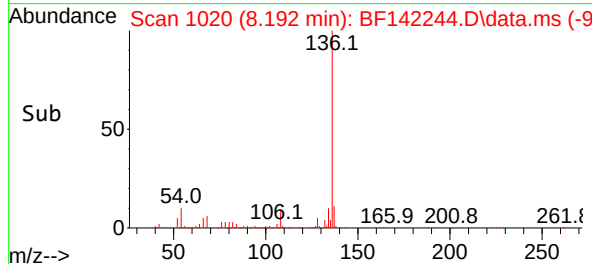
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 691230
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6

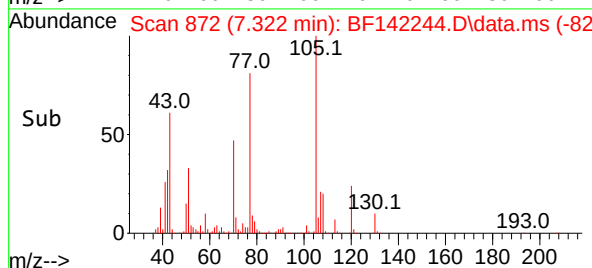
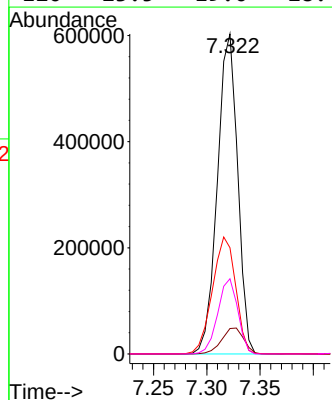
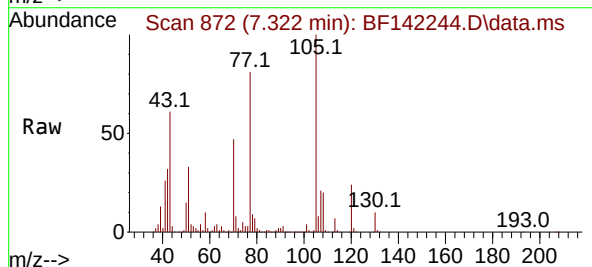
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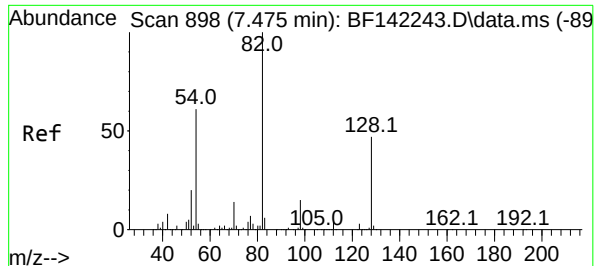
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#22
Acetophenone
Concen: 49.805 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:105 Resp: 796460
Ion Ratio Lower Upper
105 100
71 7.9 5.7 8.5
51 33.2 30.1 45.1
120 23.5 19.0 28.4





#23

Nitrobenzene-d5

Concen: 115.369 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 121385

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

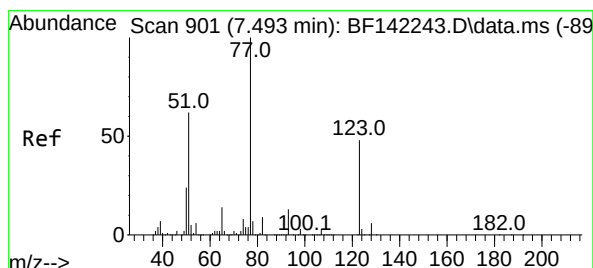
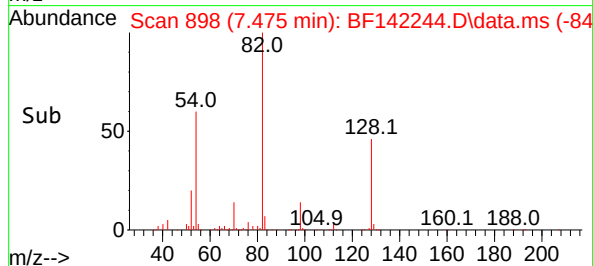
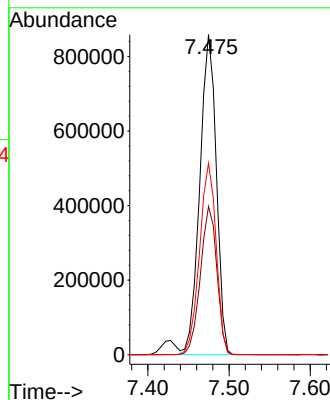
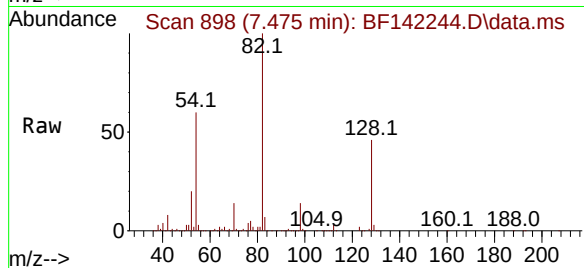
54 59.8 48.0 72.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 56.634 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

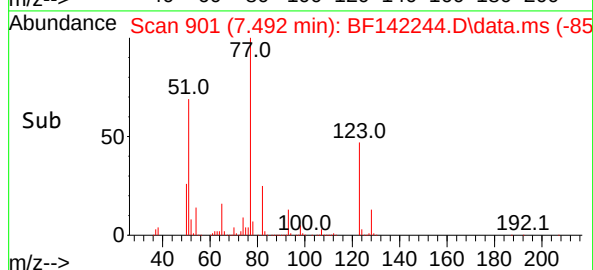
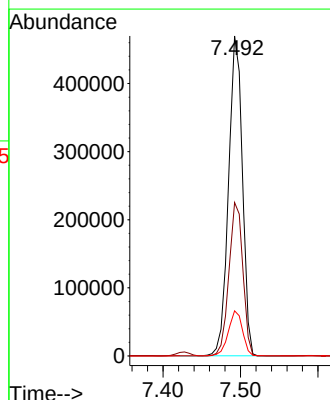
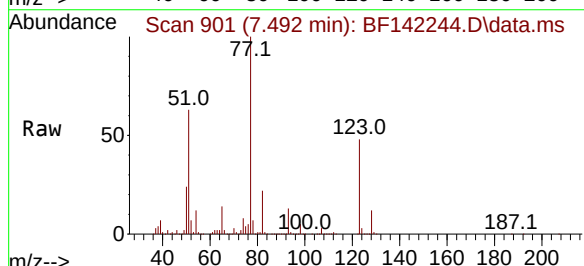
Tgt Ion: 77 Resp: 584670

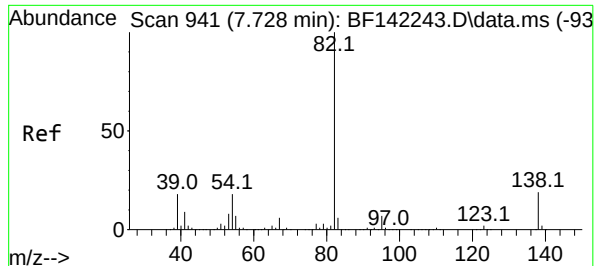
Ion Ratio Lower Upper

77 100

123 47.9 38.6 58.0

65 14.1 11.5 17.3





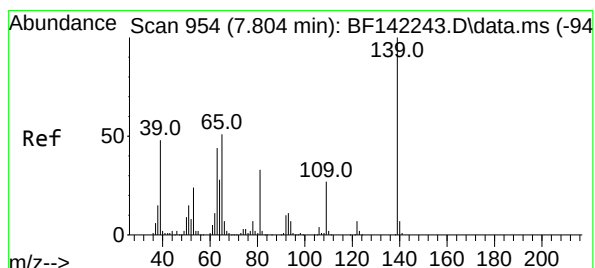
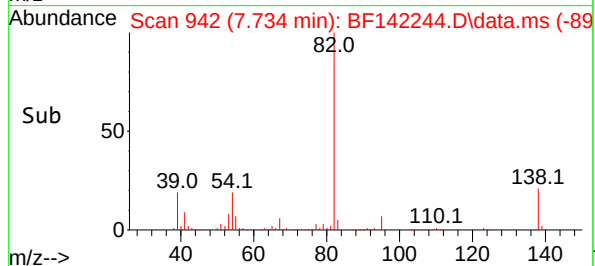
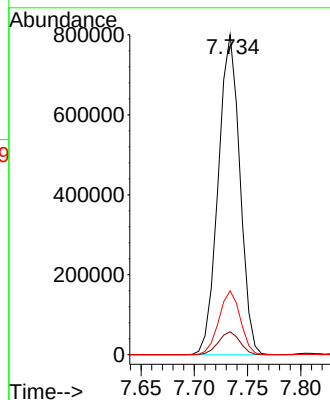
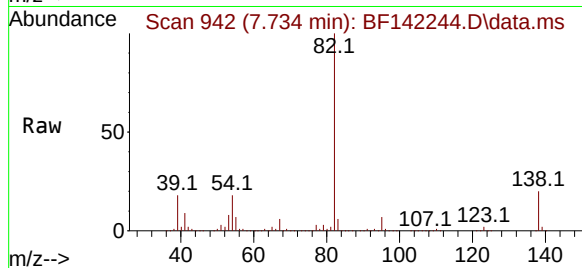
#25
Isophorone
Concen: 51.170 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 112993
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.9 15.3 22.9

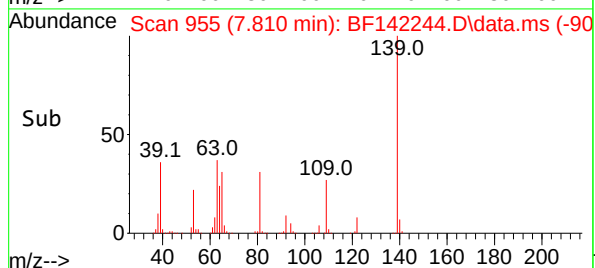
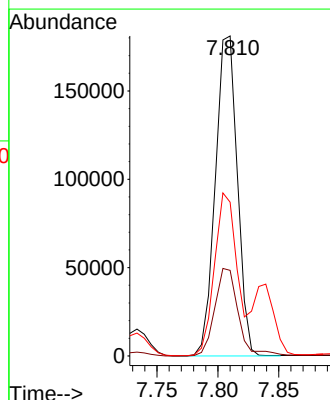
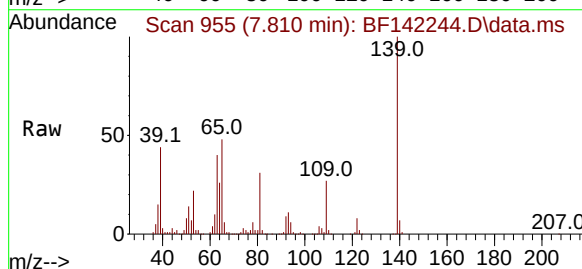
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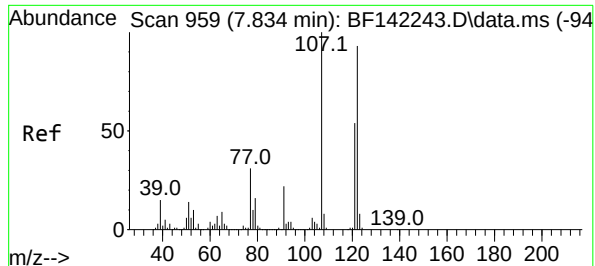
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 51.526 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:139 Resp: 228021
Ion Ratio Lower Upper
139 100
109 26.7 21.8 32.8
65 48.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 51.741 ng

RT: 7.839 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 576054

Ion Ratio Lower Upper

122 100

107 107.3 86.0 129.0

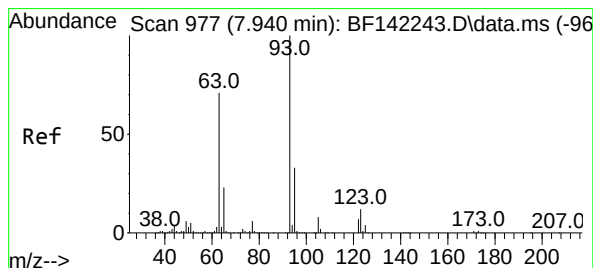
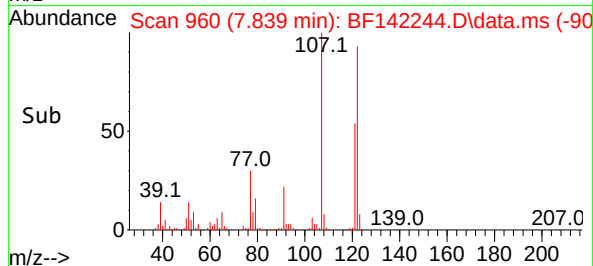
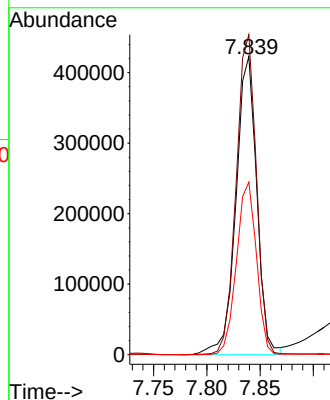
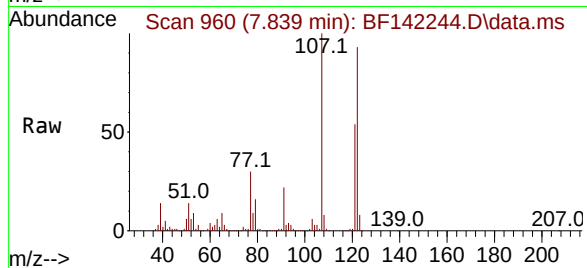
121 57.9 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.870 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

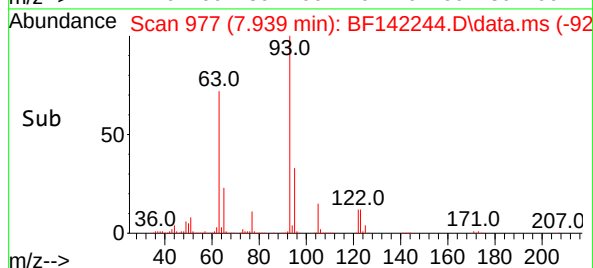
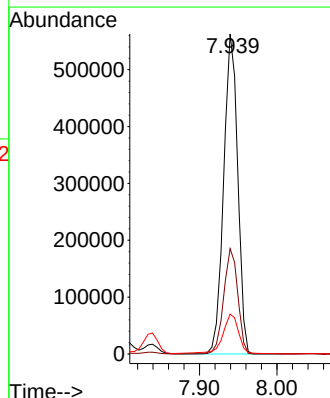
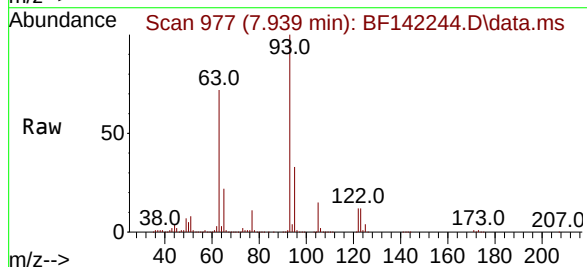
Tgt Ion: 93 Resp: 708439

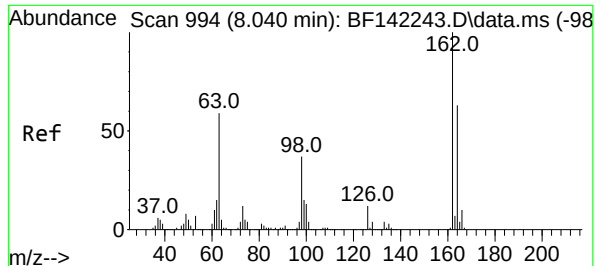
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 53.125 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 49448

Ion Ratio Lower Upper

162 100

164 64.7 43.0 83.0

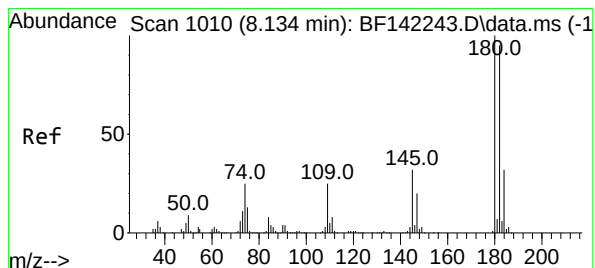
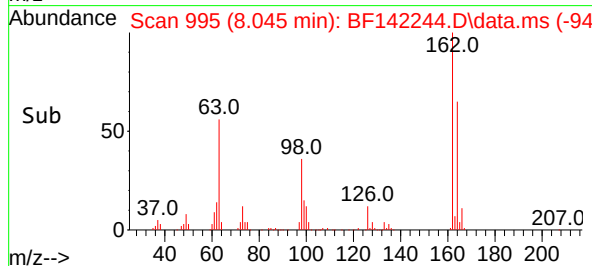
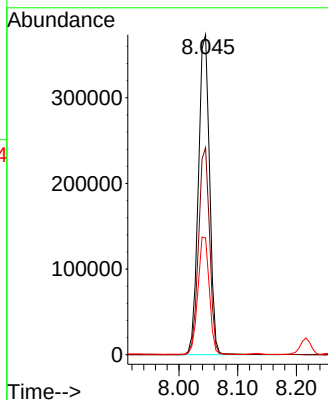
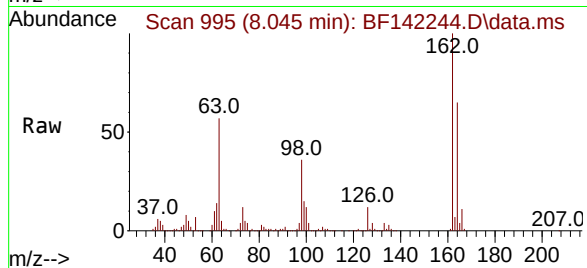
98 36.5 16.7 56.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.497 ng

RT: 8.133 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

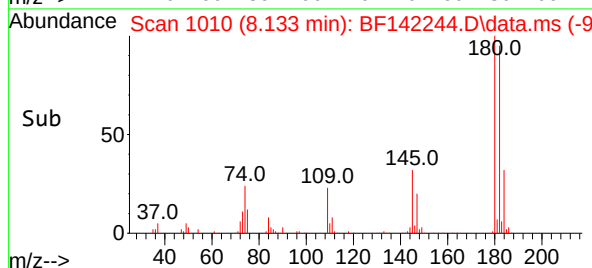
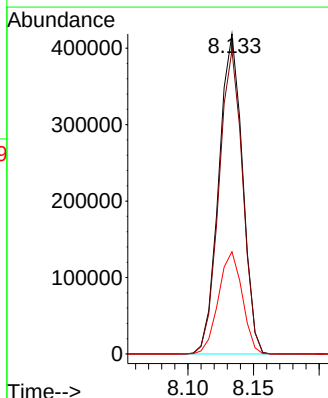
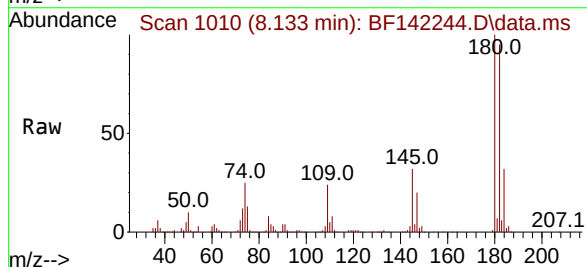
Tgt Ion:180 Resp: 524508

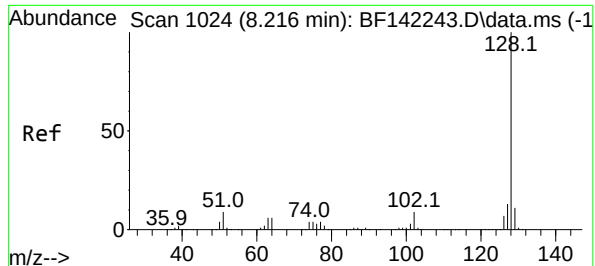
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 32.0 25.4 38.0





#31

Naphthalene

Concen: 50.064 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:128 Resp: 1725818

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

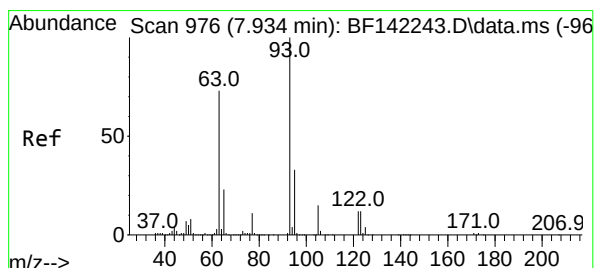
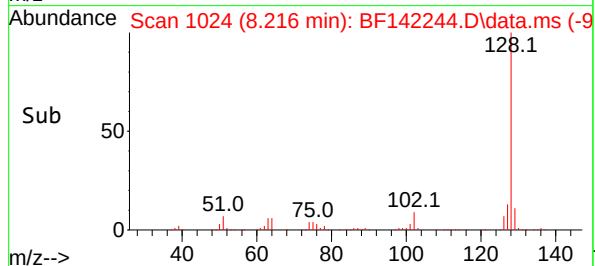
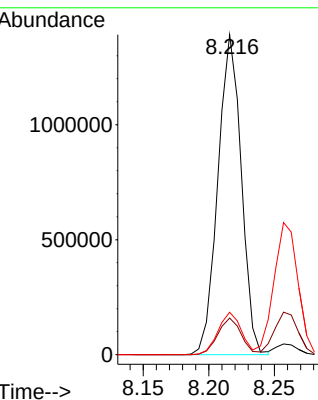
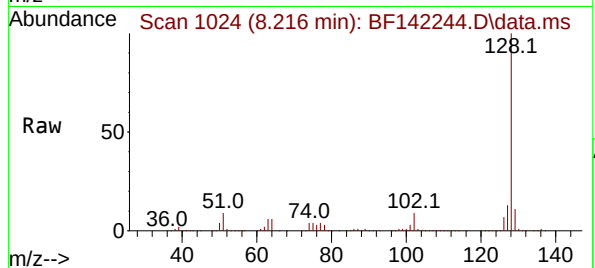
127 13.3 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#32

Benzoic acid

Concen: 47.667 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.005 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

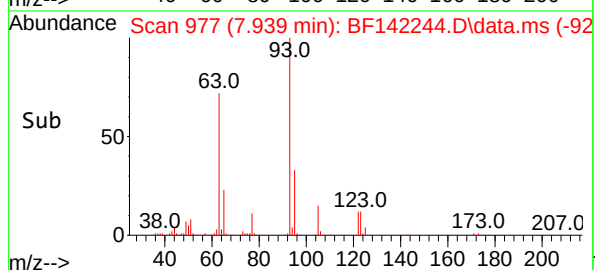
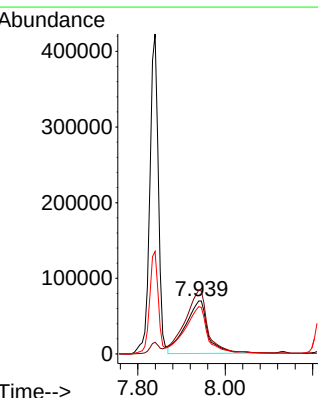
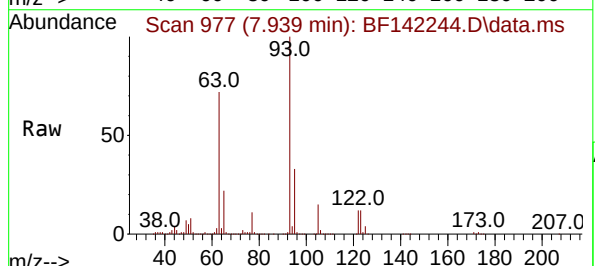
Tgt Ion:122 Resp: 252184

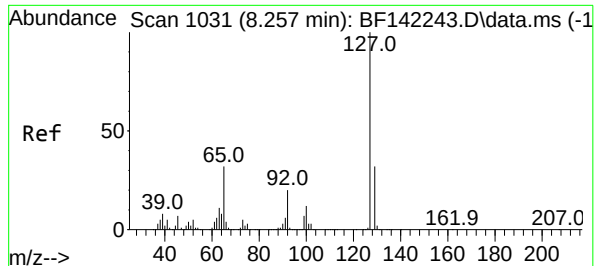
Ion Ratio Lower Upper

122 100

105 120.1 98.2 138.2

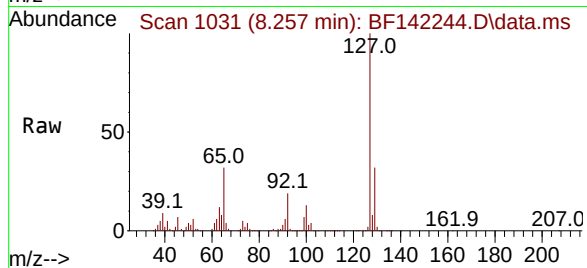
77 89.3 66.8 106.8





#33
4-Chloroaniline
Concen: 50.914 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

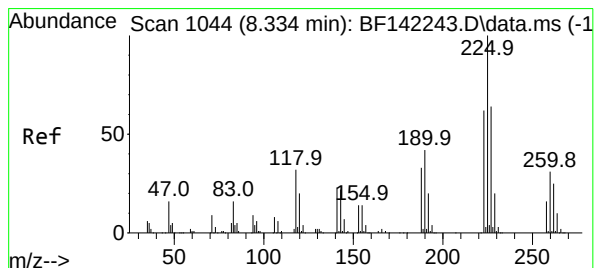
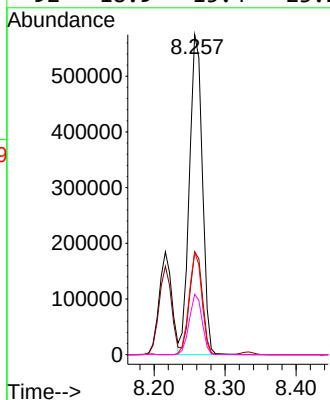
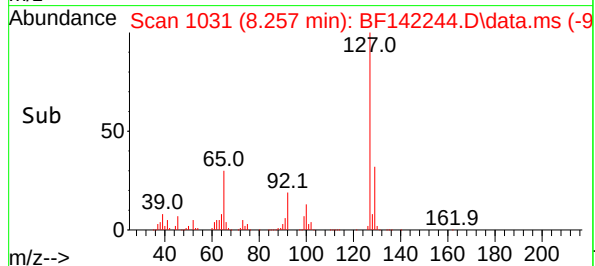
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



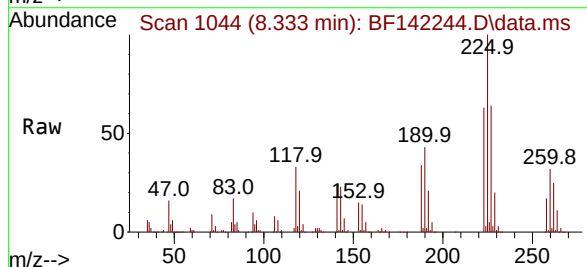
Tgt Ion:127 Resp: 730860
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1
65 32.0 25.5 38.3
92 18.9 15.4 23.2

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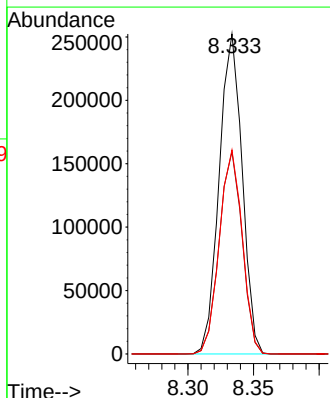
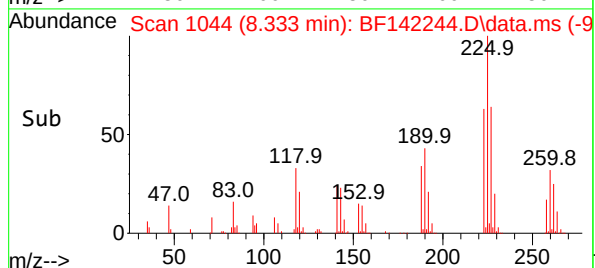
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

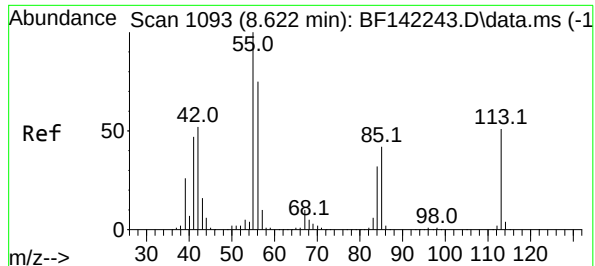


#34
Hexachlorobutadiene
Concen: 50.679 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



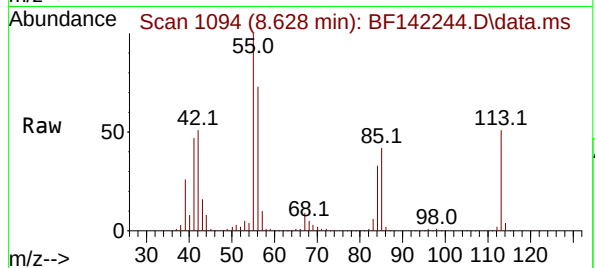
Tgt Ion:225 Resp: 307118
Ion Ratio Lower Upper
225 100
223 63.2 49.7 74.5
227 63.8 51.0 76.4





#35
Caprolactam
Concen: 55.251 ng
RT: 8.628 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

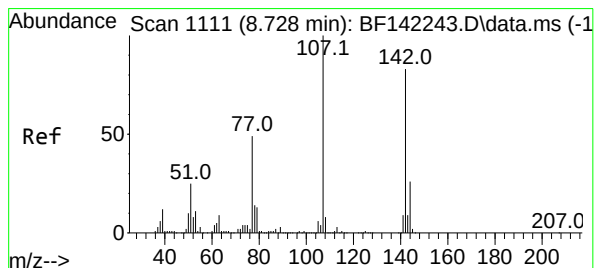
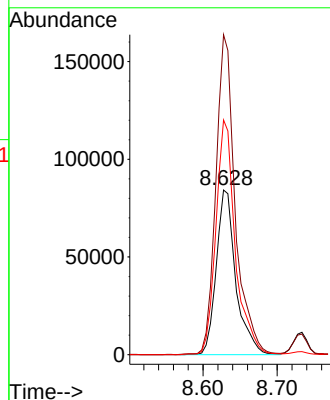
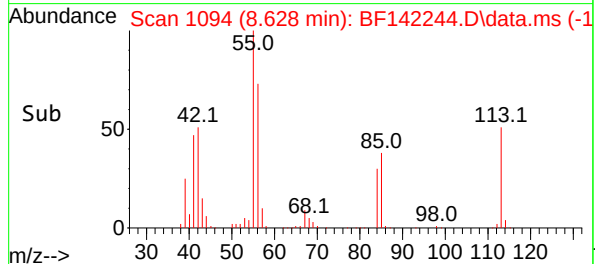
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



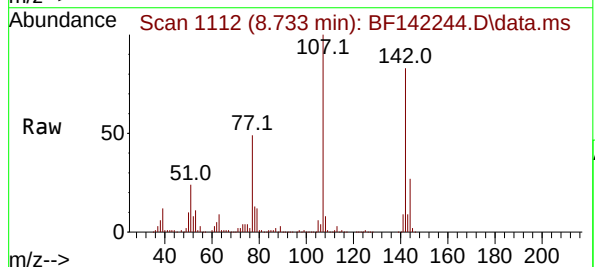
Tgt Ion:113 Resp: 154579
Ion Ratio Lower Upper
113 100
55 194.4 177.7 217.7
56 142.7 127.1 167.1

Manual Integrations
APPROVED

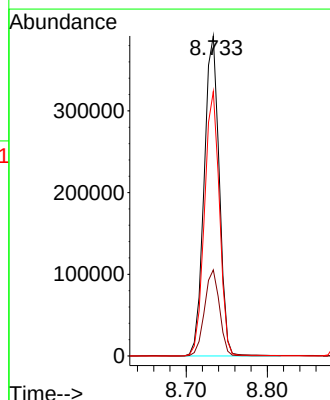
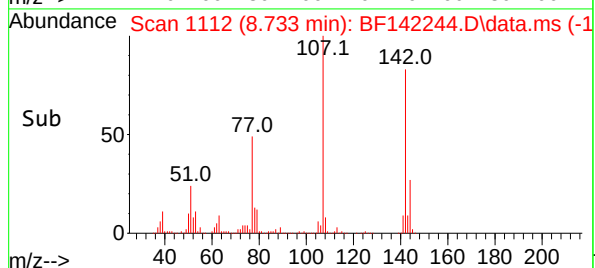
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

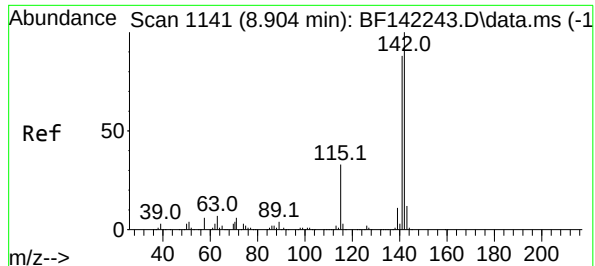


#36
4-Chloro-3-methylphenol
Concen: 52.891 ng
RT: 8.733 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:107 Resp: 505527
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.4
142 82.6 66.1 99.1





#37
2-Methylnaphthalene
Concen: 49.915 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

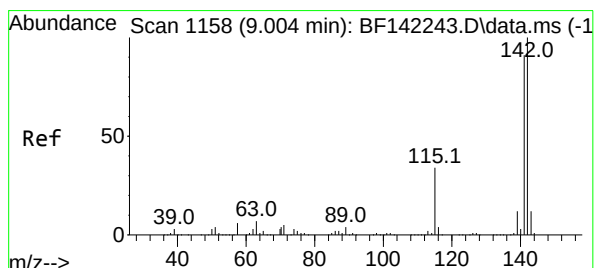
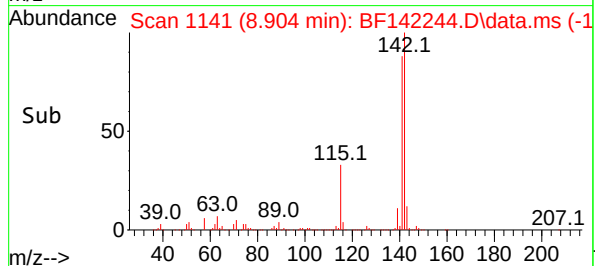
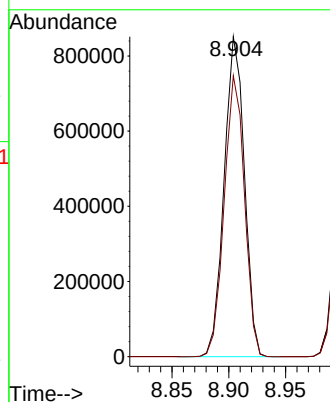
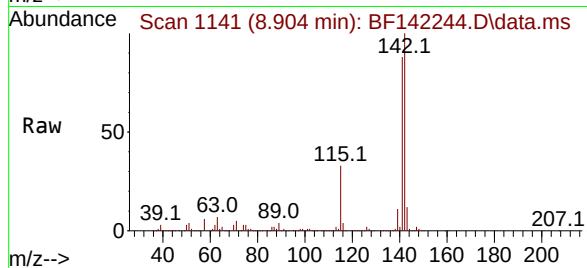
SSTDICC050

Tgt Ion:142 Resp: 1057924
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7

Manual Integrations

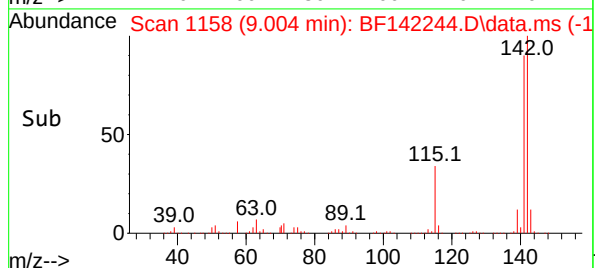
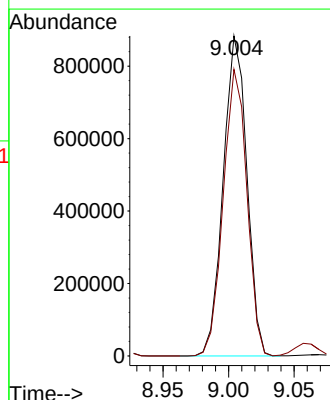
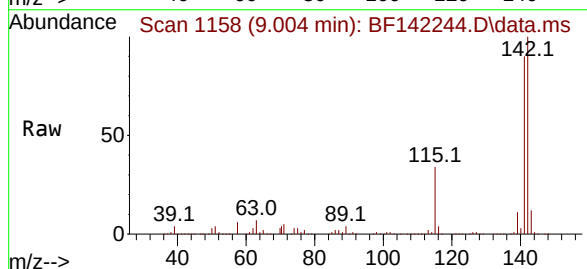
APPROVED

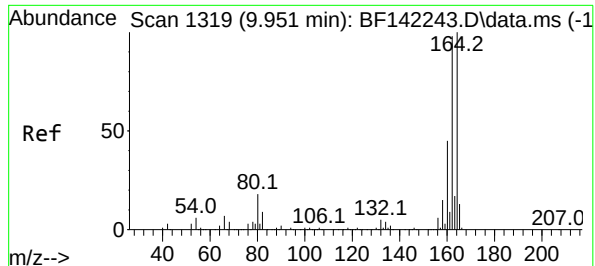
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#38
1-Methylnaphthalene
Concen: 50.427 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:142 Resp: 1107217
Ion Ratio Lower Upper
142 100
141 89.6 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142244.D

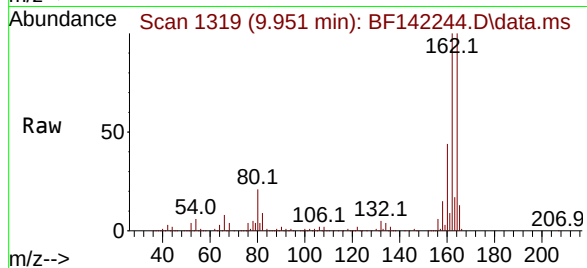
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 36014

Ion Ratio Lower Upper

164 100

162 99.8 78.6 117.8

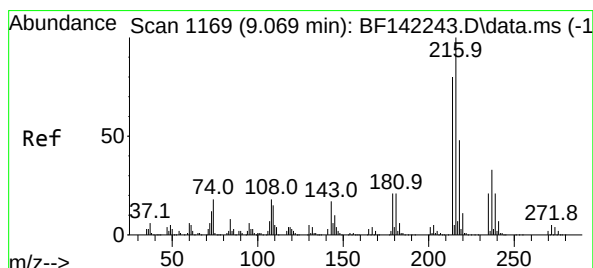
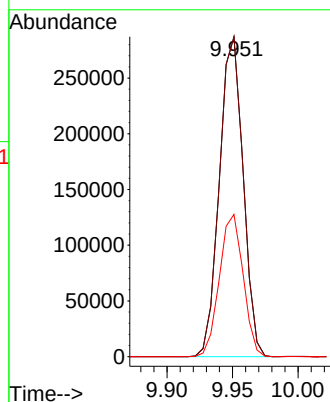
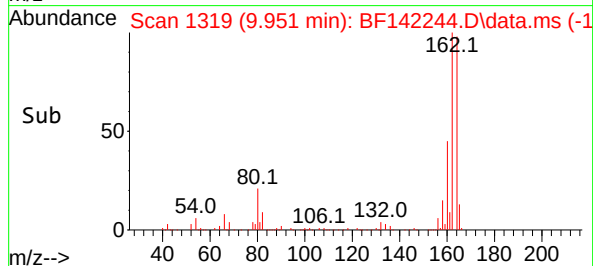
160 44.5 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.261 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Tgt Ion:216 Resp: 509426

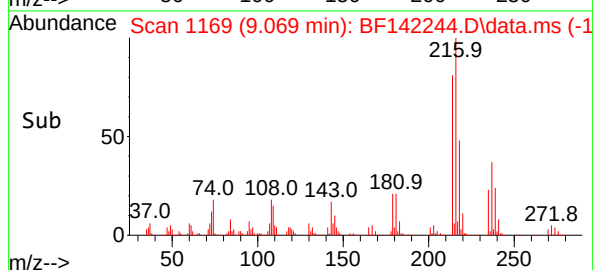
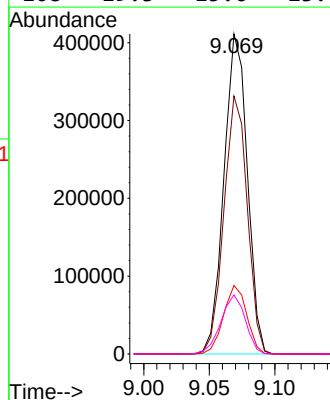
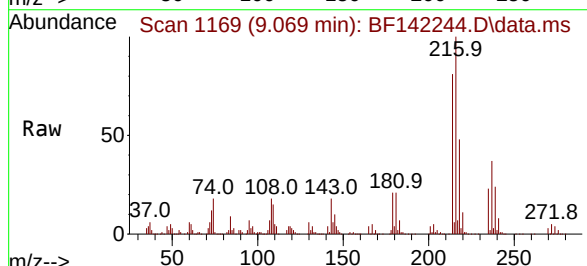
Ion Ratio Lower Upper

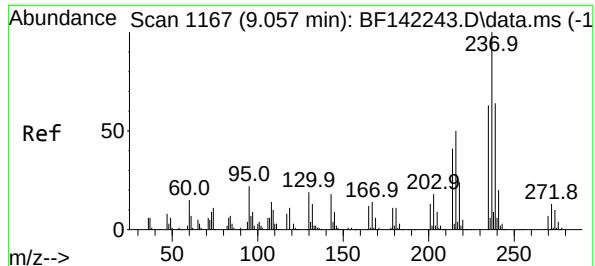
216 100

214 80.5 63.8 95.6

179 21.3 16.7 25.1

108 19.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 57.591 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:237 Resp: 33128

Ion Ratio Lower Upper

237 100

235 62.8 43.5 83.5

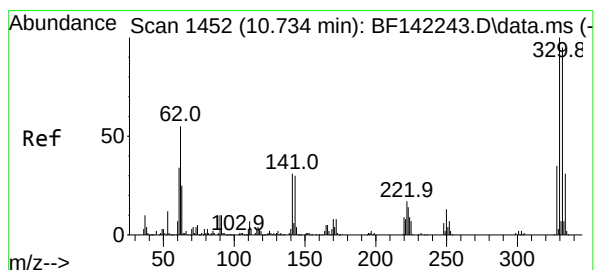
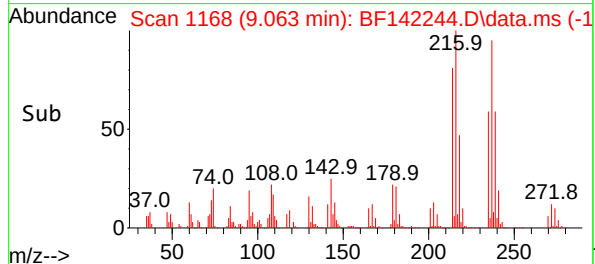
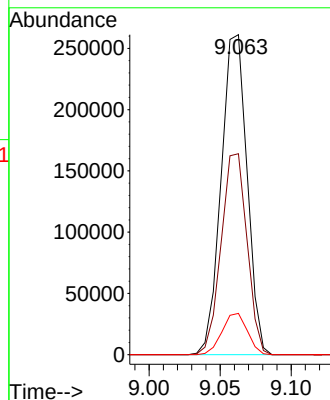
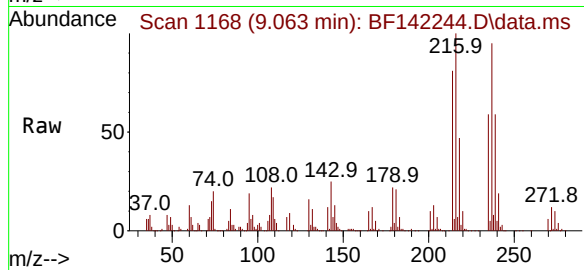
272 12.9 0.0 32.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#42

2,4,6-Tribromophenol

Concen: 112.641 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

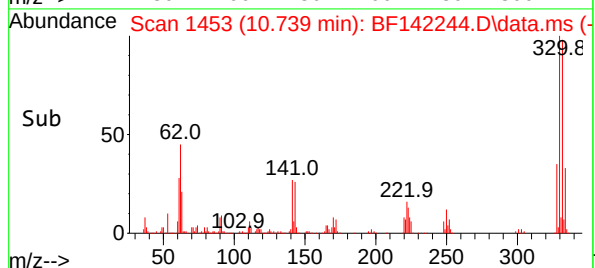
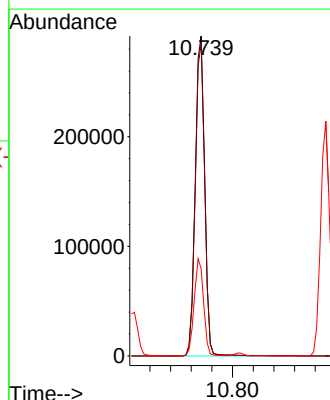
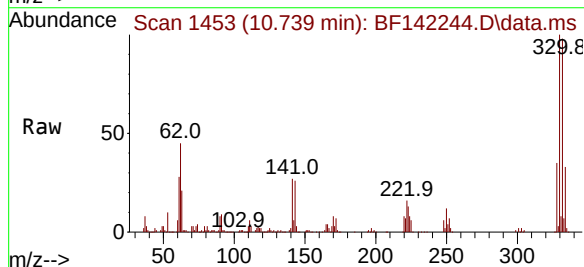
Tgt Ion:330 Resp: 369823

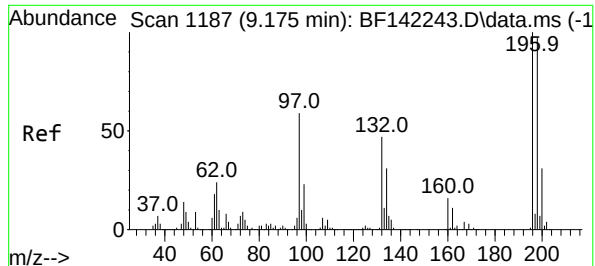
Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

141 30.5 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 53.801 ng

RT: 9.180 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF142244.D

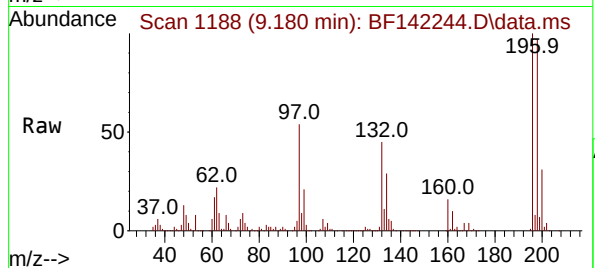
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 337910

Ion Ratio Lower Upper

196 100

198 96.7 77.4 116.2

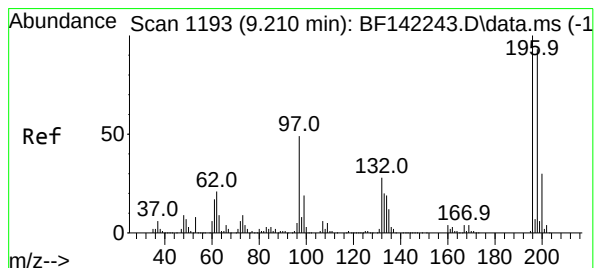
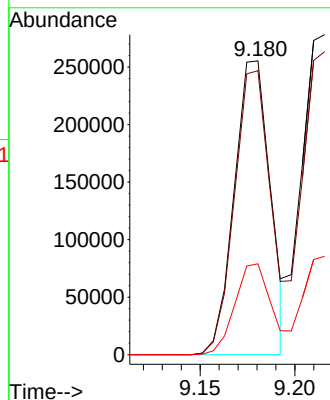
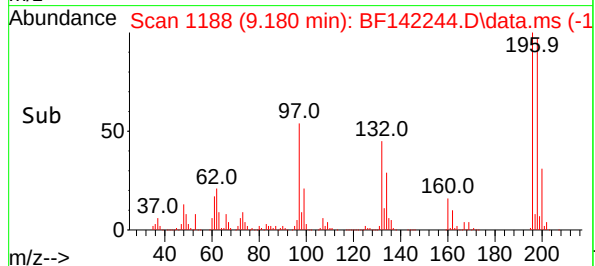
200 30.9 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

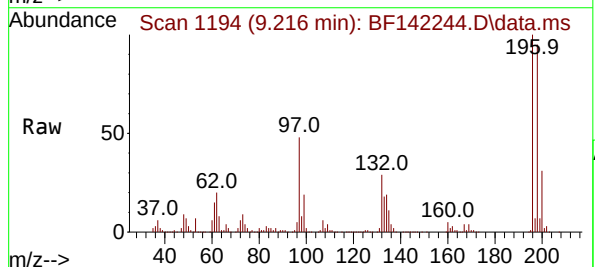
Concen: 56.106 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46



Tgt Ion:196 Resp: 370489

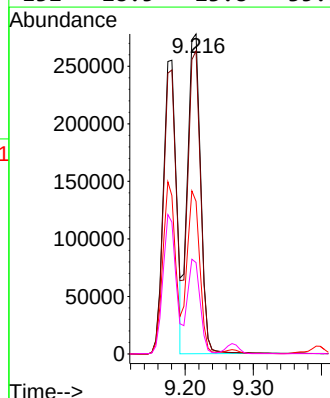
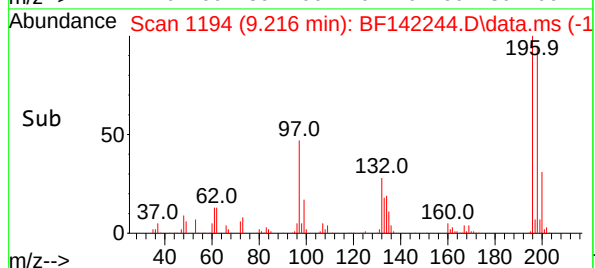
Ion Ratio Lower Upper

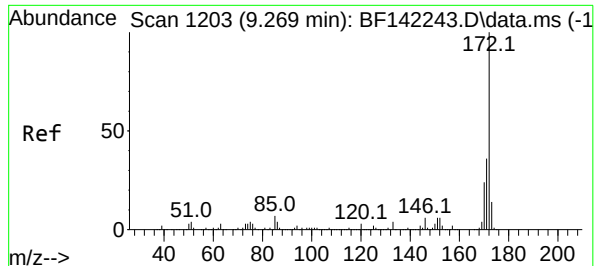
196 100

198 94.7 75.2 112.8

97 47.7 39.8 59.8

132 28.5 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 94.966 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF142244.D

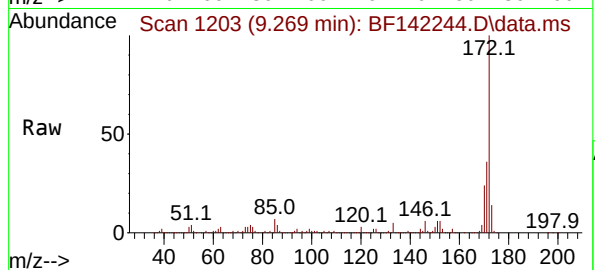
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 2425708

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

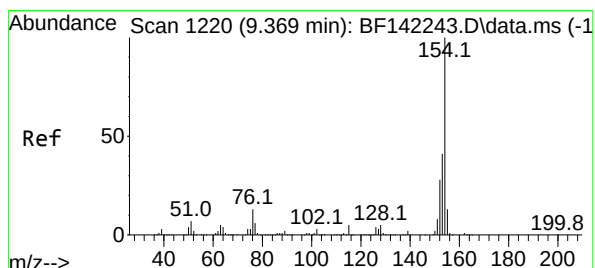
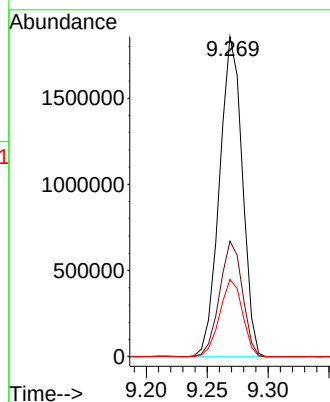
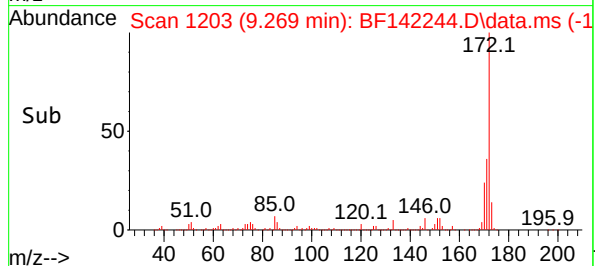
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#46

1,1'-Biphenyl

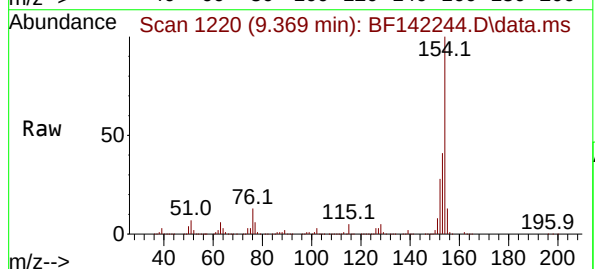
Concen: 49.736 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46



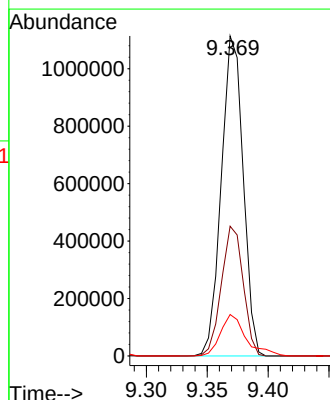
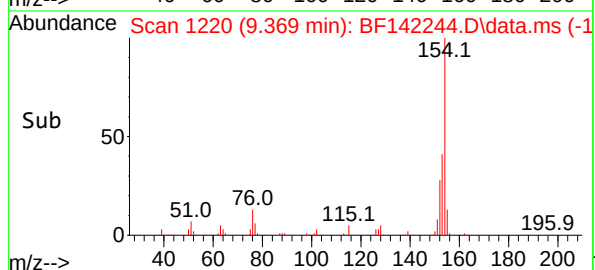
Tgt Ion:154 Resp: 1392513

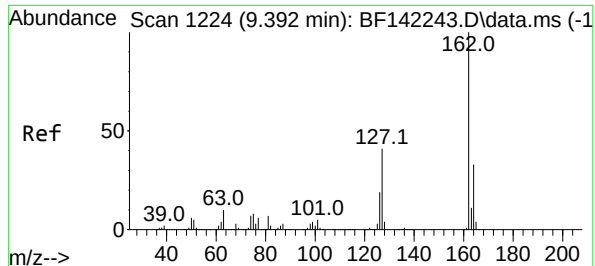
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 50.015 ng

RT: 9.398 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 104184

Ion Ratio Lower Upper

162 100

127 40.6 32.6 49.0

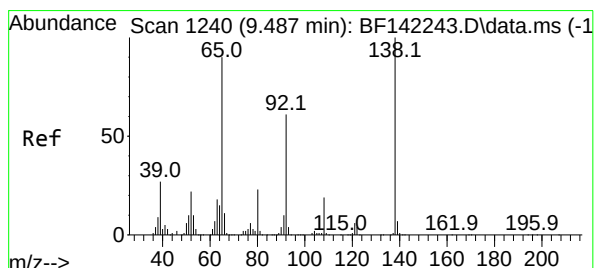
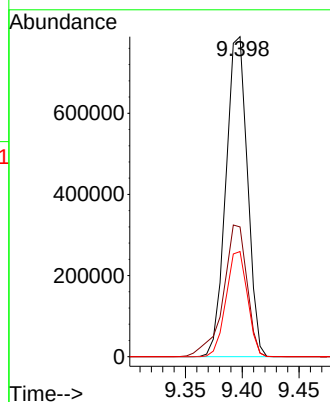
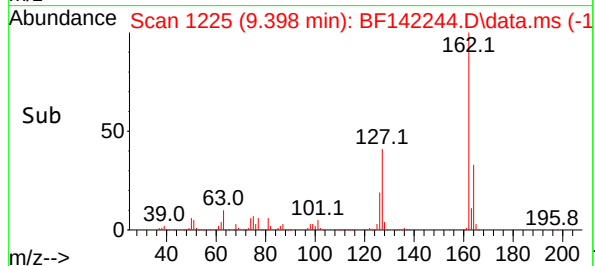
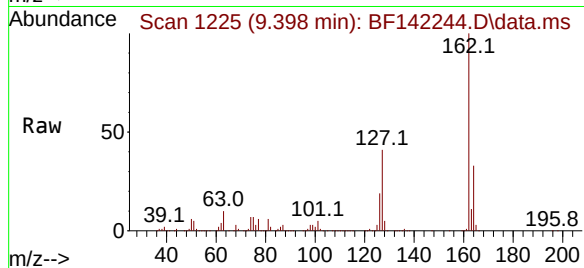
164 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 51.394 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

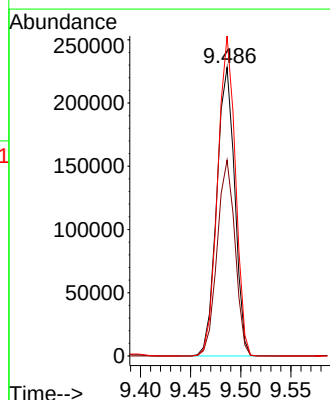
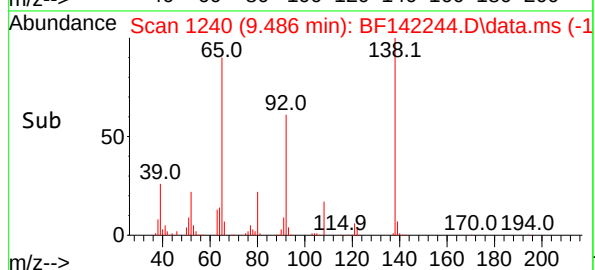
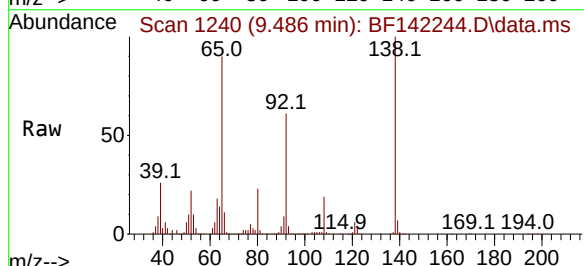
Tgt Ion: 65 Resp: 284370

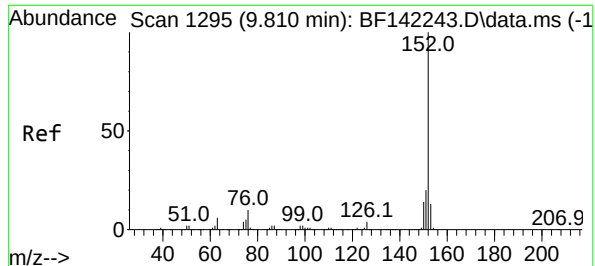
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 110.9 88.6 133.0





#49

Acenaphthylene

Concen: 50.339 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142244.D

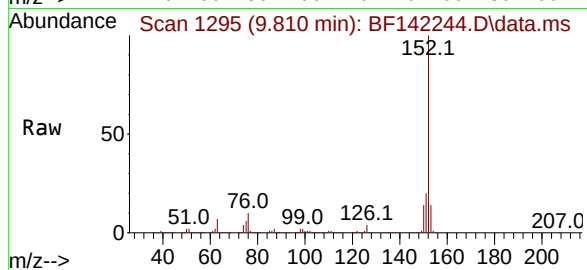
Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:152 Resp: 176944

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

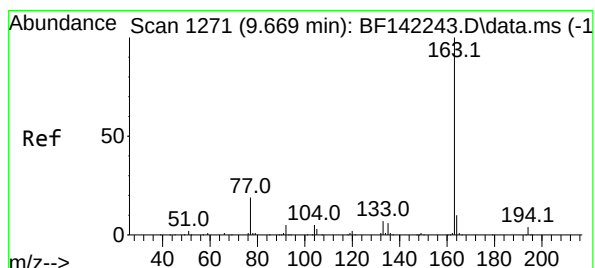
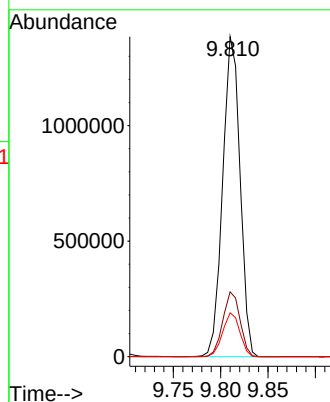
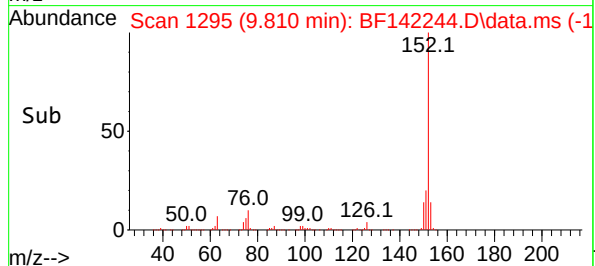
153 13.7 10.7 16.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

Concen: 51.156 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

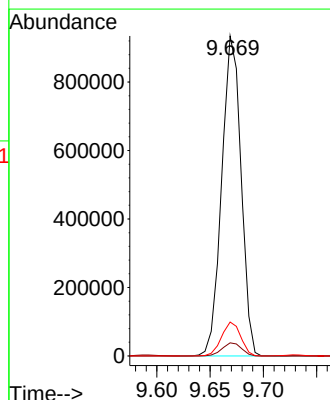
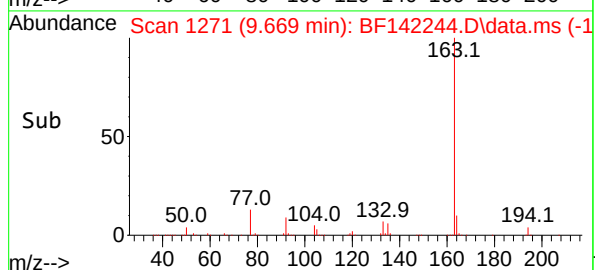
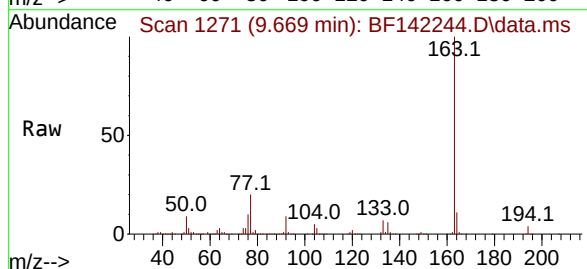
Tgt Ion:163 Resp: 1178638

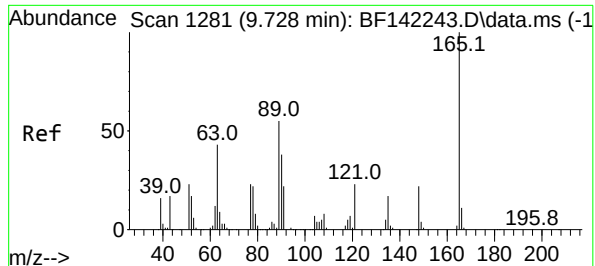
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

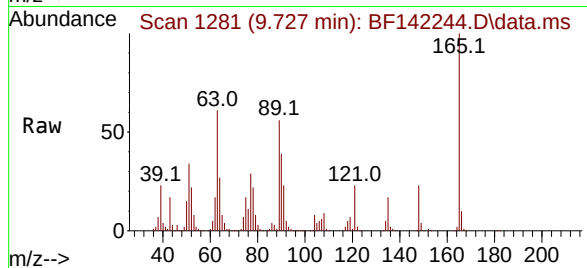
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.309 ng
RT: 9.727 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

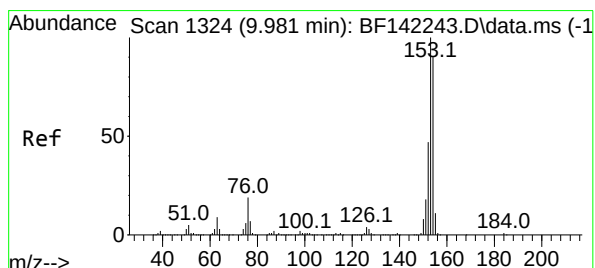
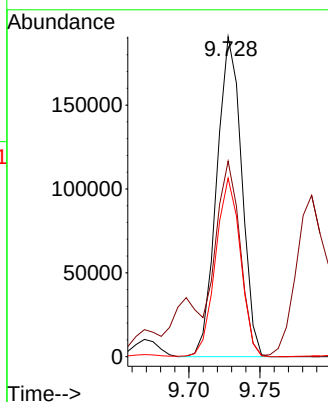
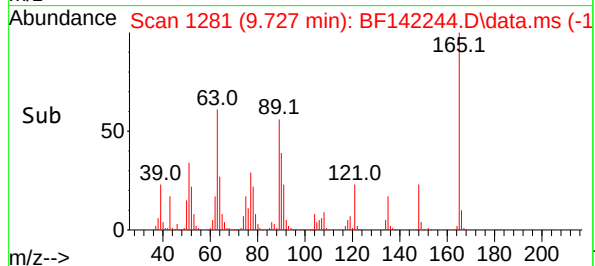
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 232900
Ion Ratio Lower Upper
165 100
63 61.1 48.5 72.7
89 55.8 43.9 65.9

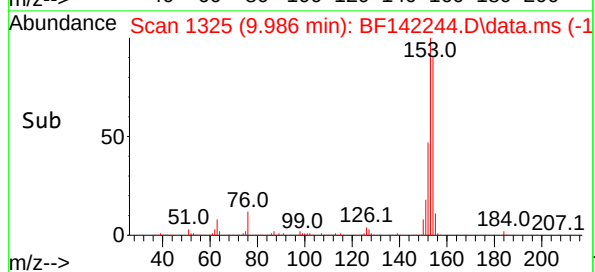
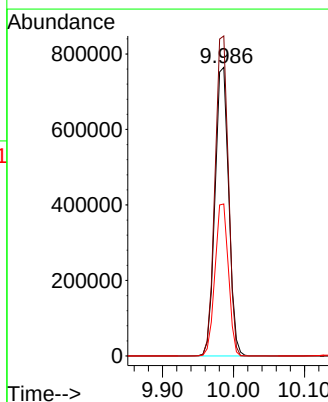
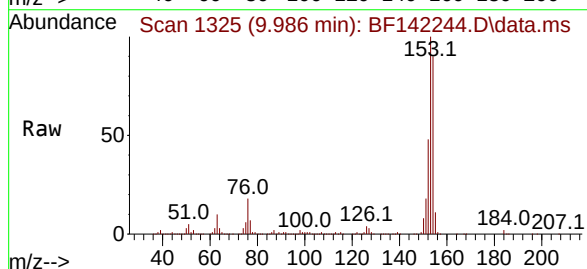
Manual Integrations
APPROVED

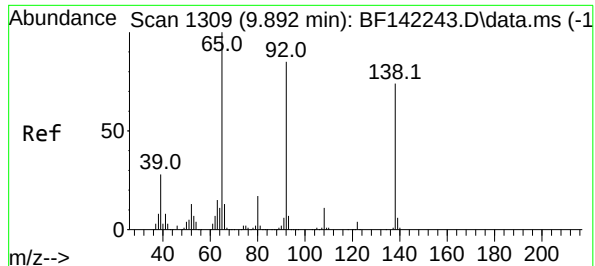
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 49.912 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

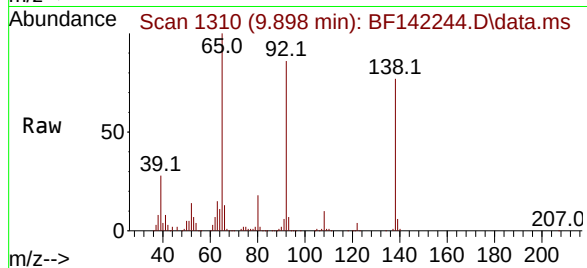
Tgt Ion:154 Resp: 1024409
Ion Ratio Lower Upper
154 100
153 110.9 88.6 133.0
152 52.7 42.1 63.1





#53
3-Nitroaniline
Concen: 51.745 ng
RT: 9.898 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

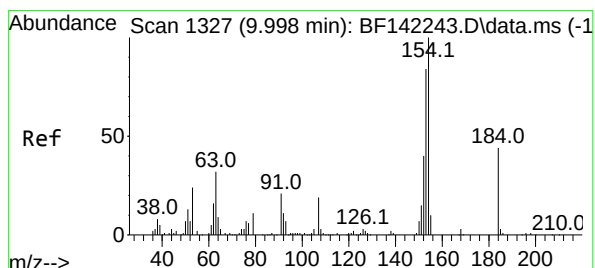
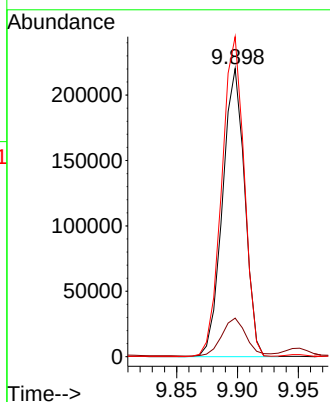
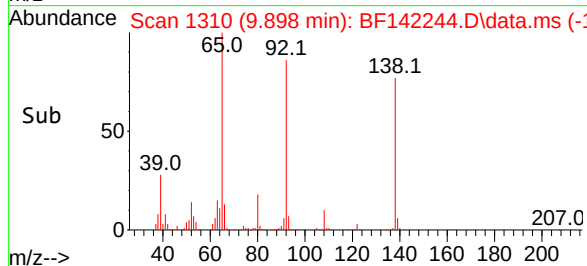
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 279608
Ion Ratio Lower Upper
138 100
108 13.4 11.7 17.5
92 111.0 91.2 136.8

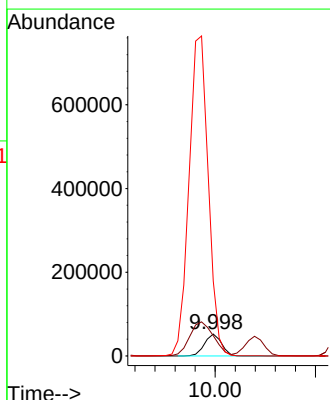
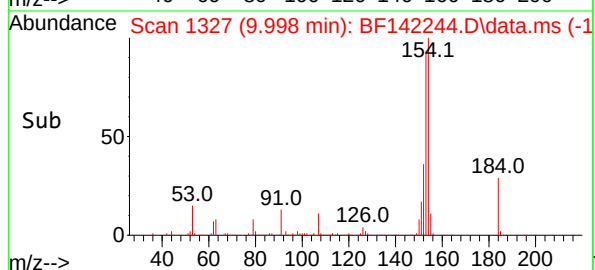
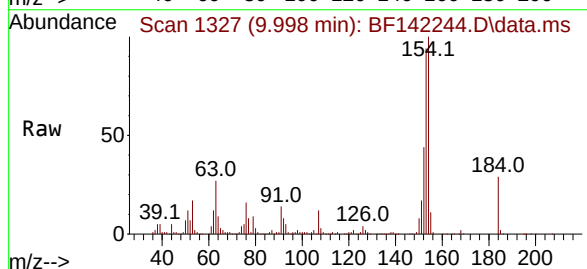
Manual Integrations
APPROVED

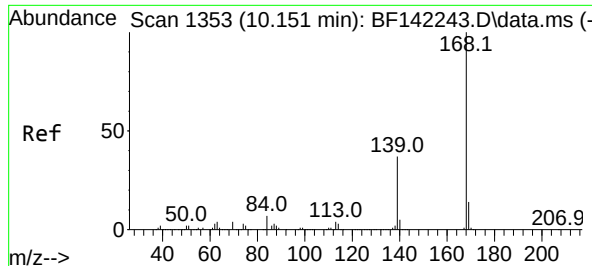
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 50.725 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:184 Resp: 62086
Ion Ratio Lower Upper
184 100
63 92.9 69.2 103.8
154 342.0 271.4 407.2





#55

Dibenzenofuran

Concen: 50.123 ng

RT: 10.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 154209

Ion Ratio Lower Upper

168 100

139 36.7 29.4 44.0

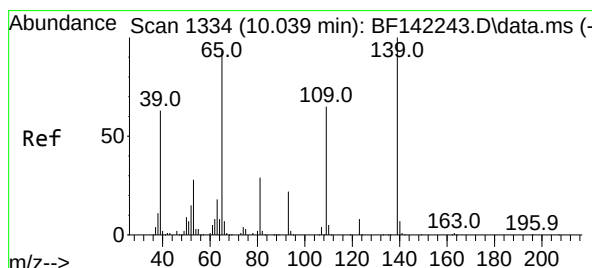
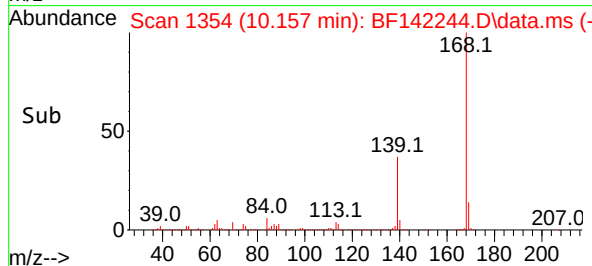
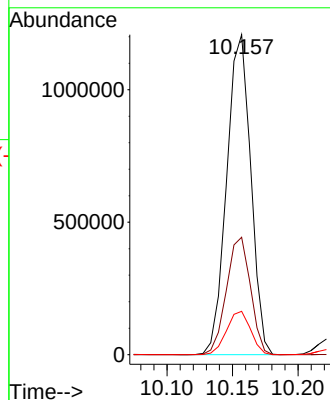
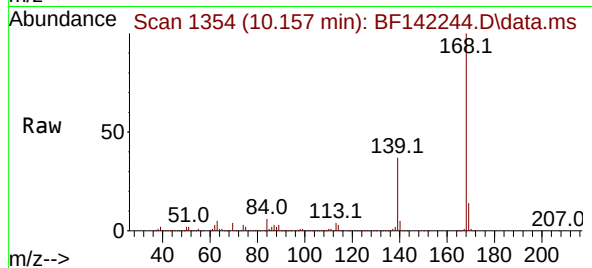
169 13.6 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 58.029 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

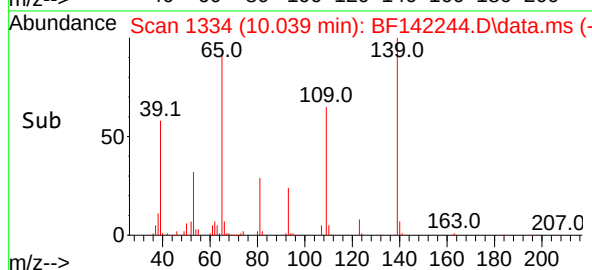
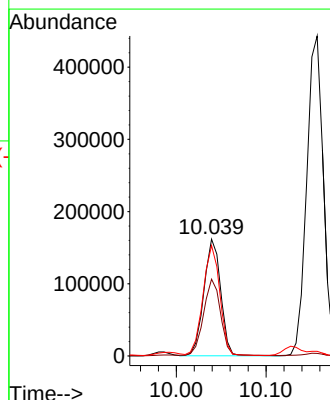
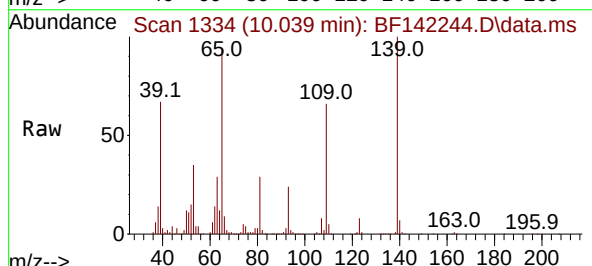
Tgt Ion:139 Resp: 210153

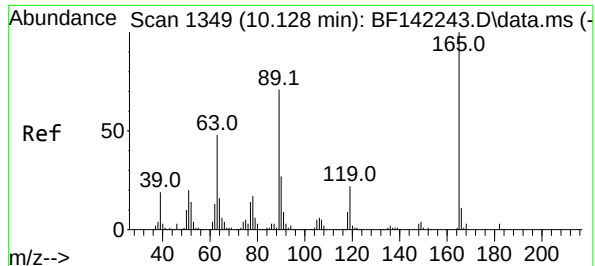
Ion Ratio Lower Upper

139 100

109 65.7 44.9 84.9

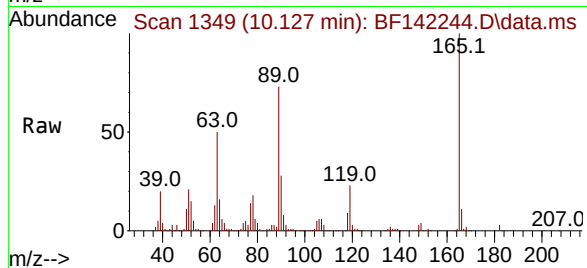
65 94.5 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 51.918 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

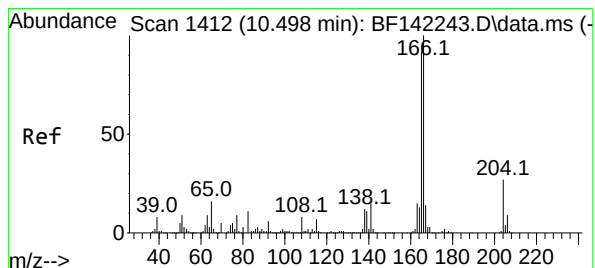
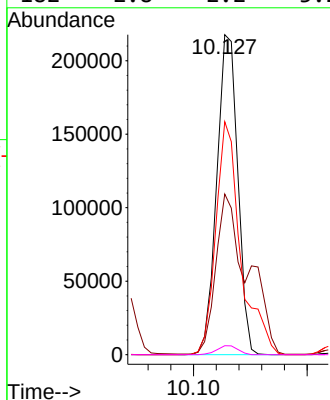
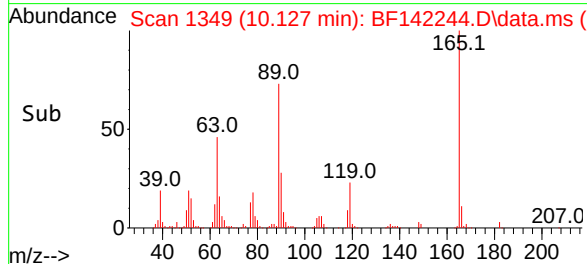
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



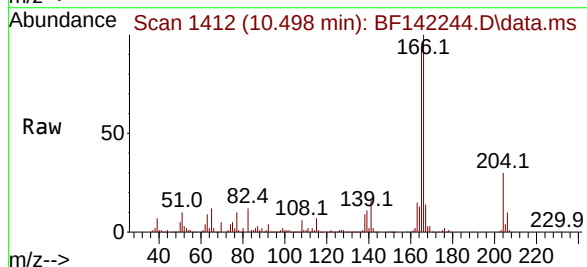
Tgt Ion:165 Resp: 28019
Ion Ratio Lower Upper
165 100
63 50.2 38.8 58.2
89 72.8 57.1 85.7
182 2.8 2.2 3.2

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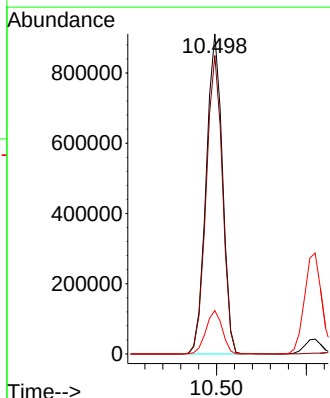
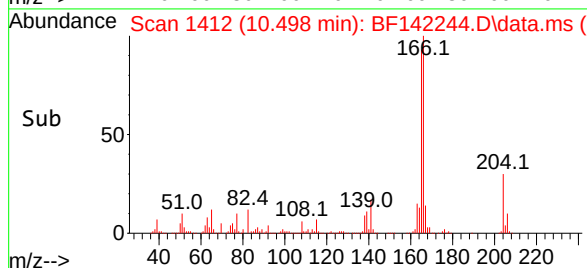
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

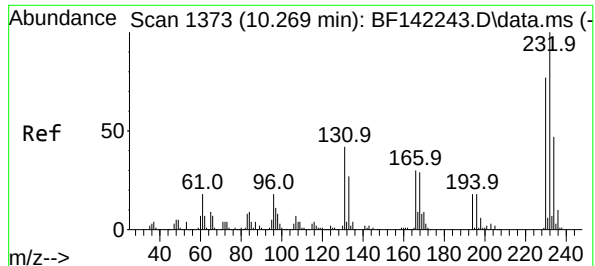


#58
Fluorene
Concen: 49.000 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



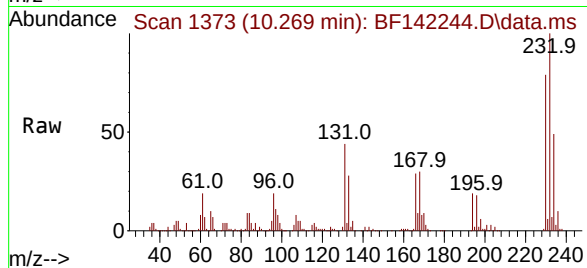
Tgt Ion:166 Resp: 1146269
Ion Ratio Lower Upper
166 100
165 93.2 73.9 110.9
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.989 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

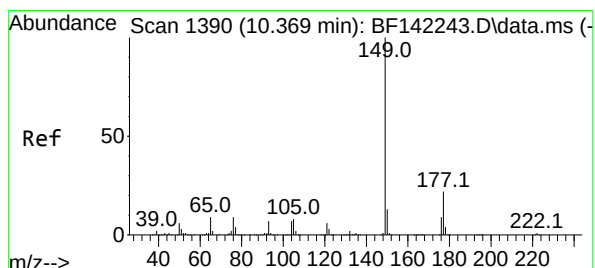
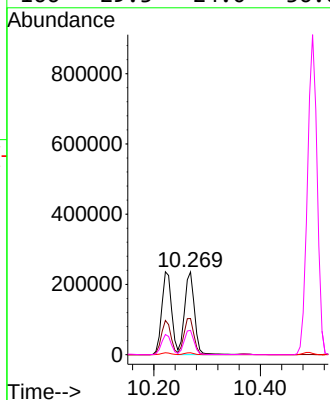
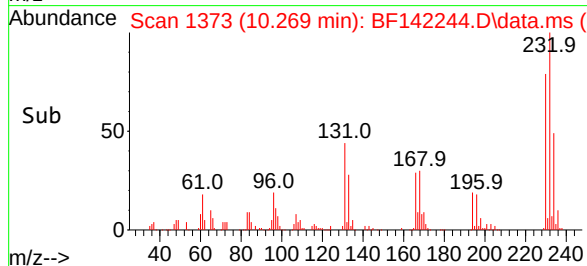
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 300781
Ion Ratio Lower Upper
232 100
131 44.4 35.9 53.9
130 2.3 1.8 2.6
166 29.3 24.0 36.0

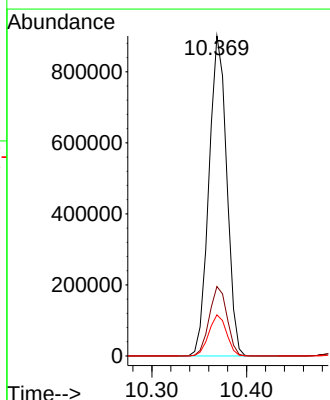
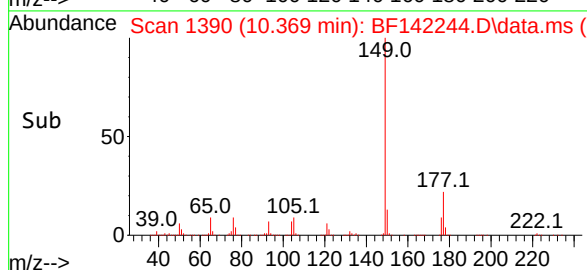
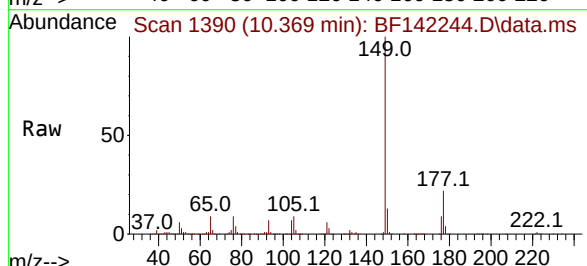
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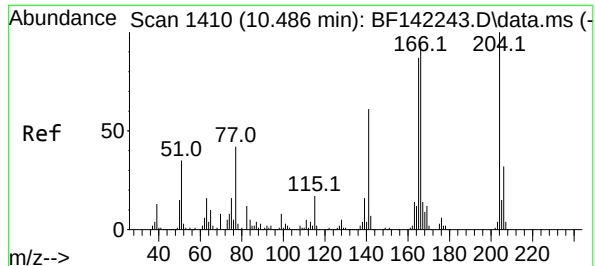
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#60
Diethylphthalate
Concen: 51.459 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:149 Resp: 1170793
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.8 10.2 15.2





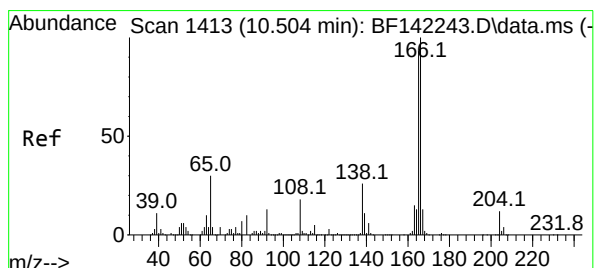
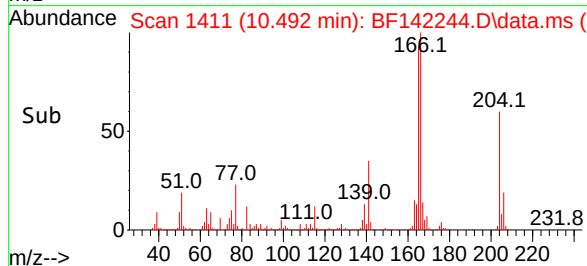
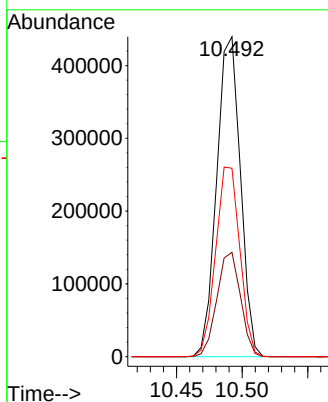
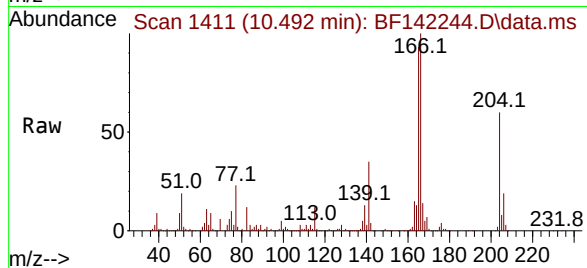
#61
4-Chlorophenyl-phenylether
Concen: 49.802 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 55327
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.9 48.9 73.3

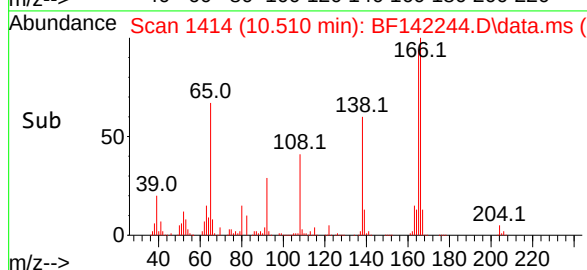
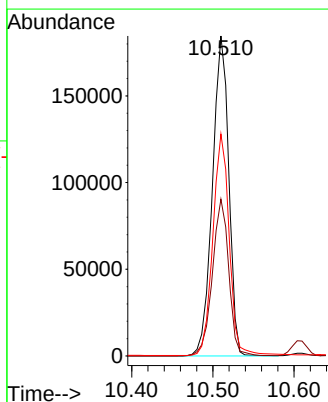
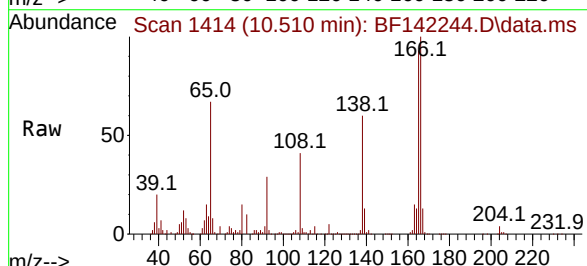
Manual Integrations
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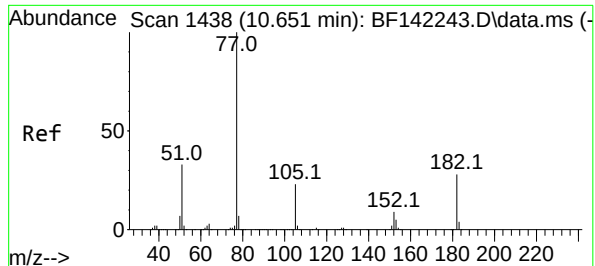
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#62
4-Nitroaniline
Concen: 52.547 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

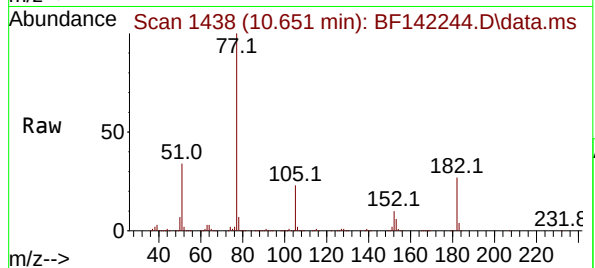
Tgt Ion:138 Resp: 258117
Ion Ratio Lower Upper
138 100
92 49.0 29.2 69.2
108 69.4 49.1 89.1





#63
Azobenzene
Concen: 51.226 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

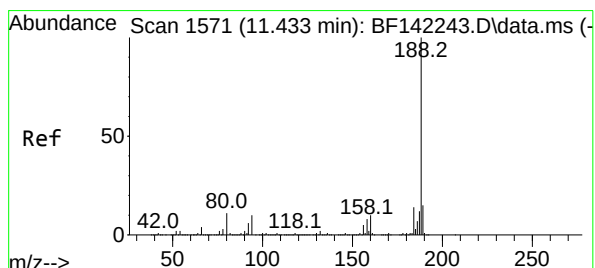
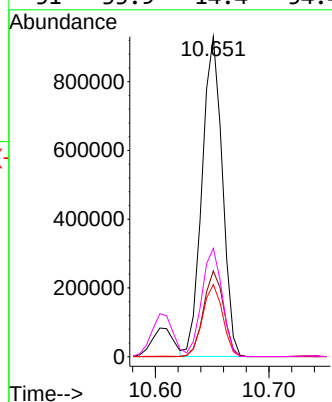
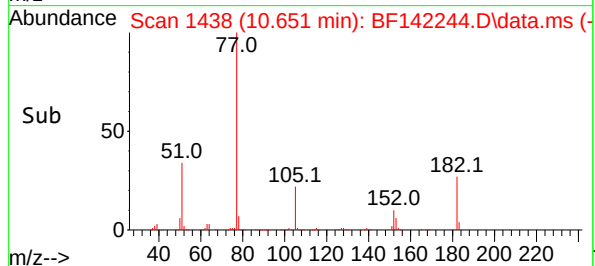
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1150899
Ion Ratio Lower Upper
77 100
182 26.8 7.3 47.3
105 22.6 2.5 42.5
51 33.9 14.4 54.4

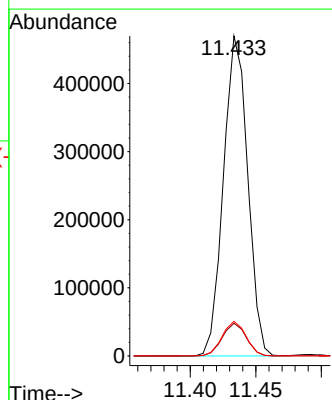
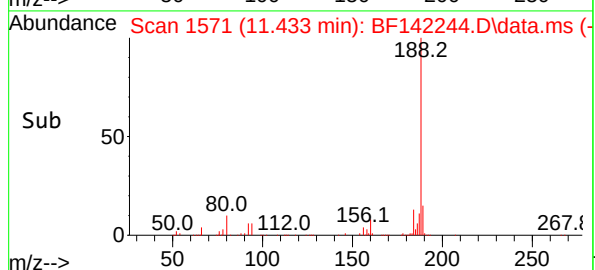
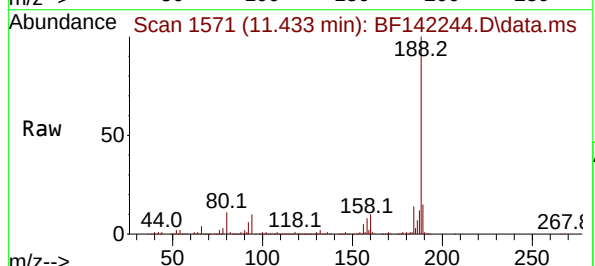
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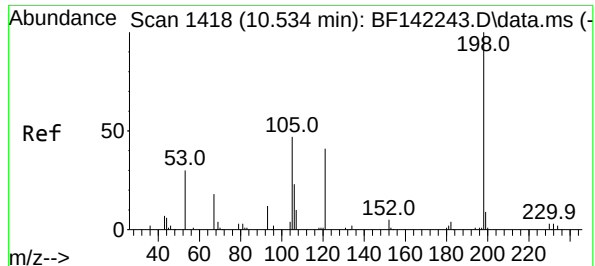
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

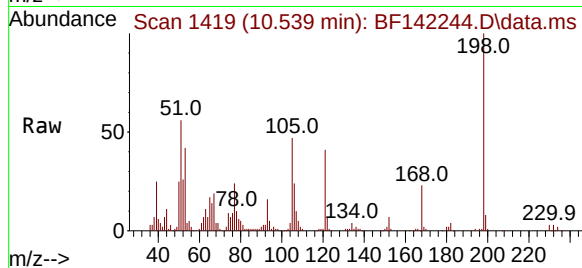
Tgt Ion:188 Resp: 604171
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.012 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

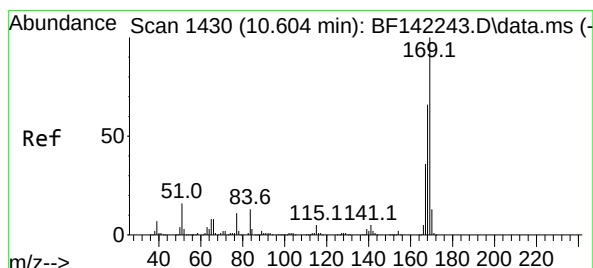
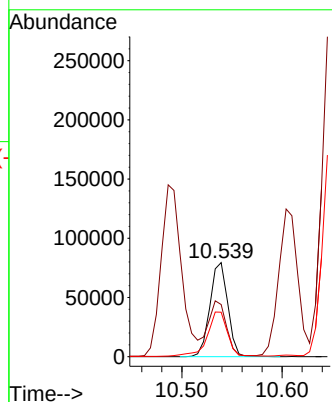
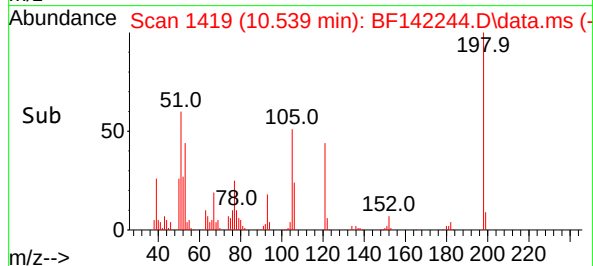
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 98114
Ion Ratio Lower Upper
198 100
51 55.5 40.6 80.6
105 47.3 29.2 69.2

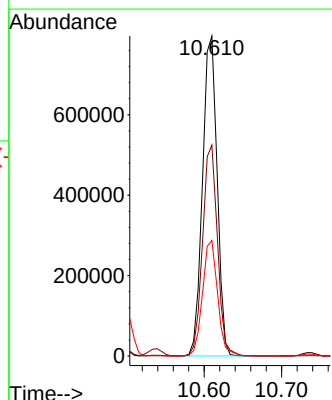
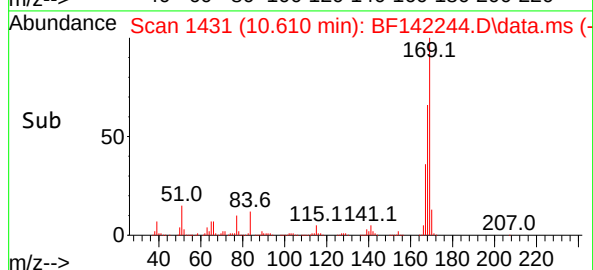
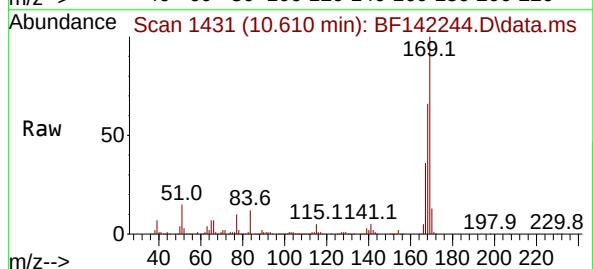
Manual Integrations
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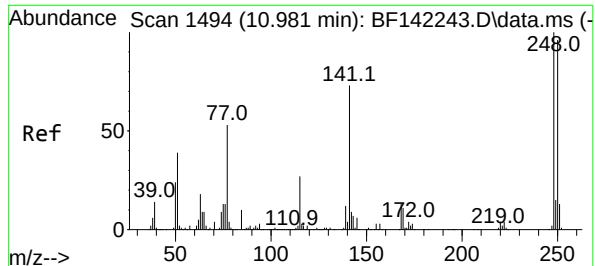
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#66
n-Nitrosodiphenylamine
Concen: 50.442 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

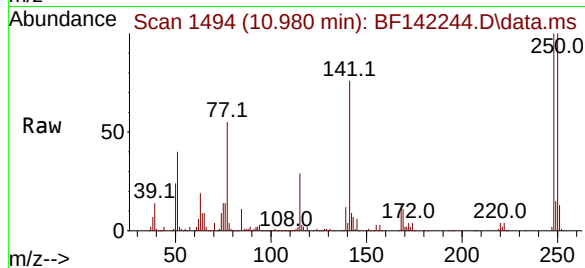
Tgt Ion:169 Resp: 1041277
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.6
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.576 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

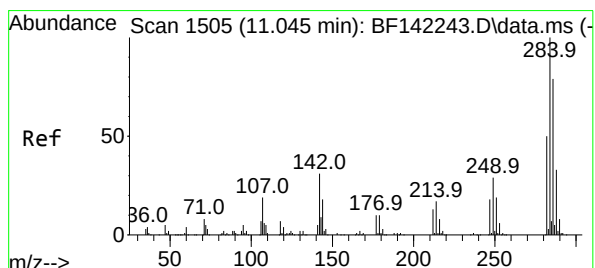
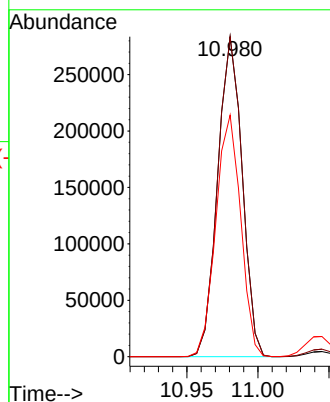
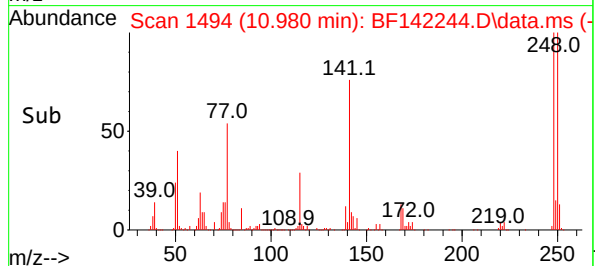
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



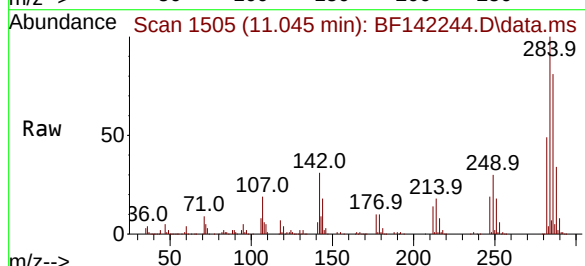
Tgt Ion:248 Resp: 340298
Ion Ratio Lower Upper
248 100
250 100.0 77.2 115.8
141 75.5 58.4 87.6

Manual Integrations
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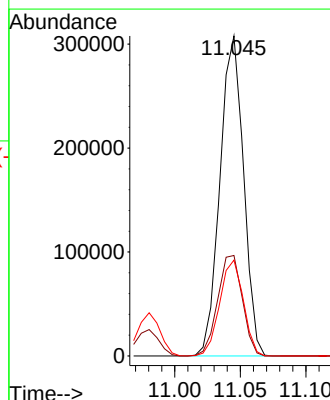
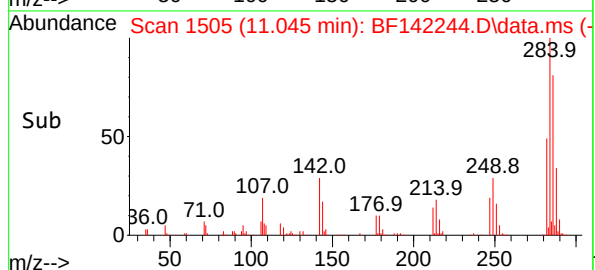
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

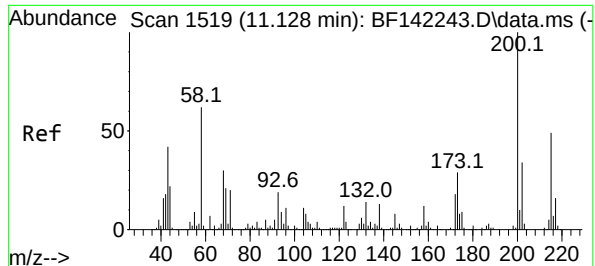


#68
Hexachlorobenzene
Concen: 51.064 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



Tgt Ion:284 Resp: 384807
Ion Ratio Lower Upper
284 100
142 31.4 24.6 37.0
249 30.0 23.2 34.8





#69

Atrazine

Concen: 52.819 ng

RT: 11.133 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 28740

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

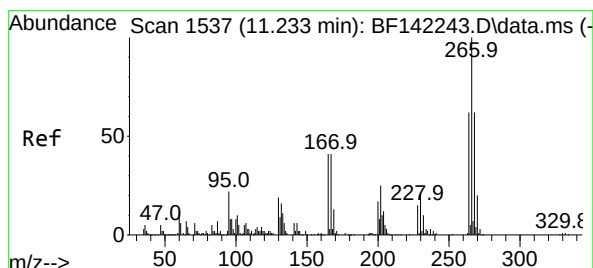
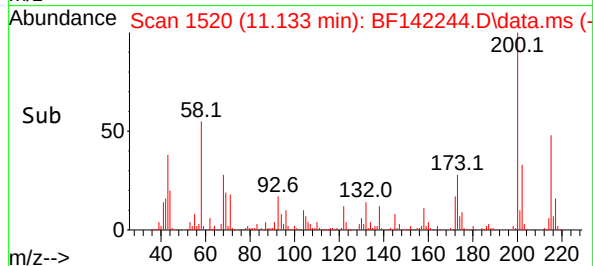
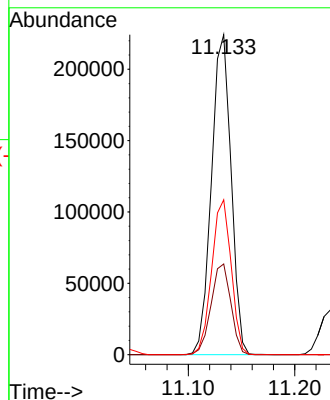
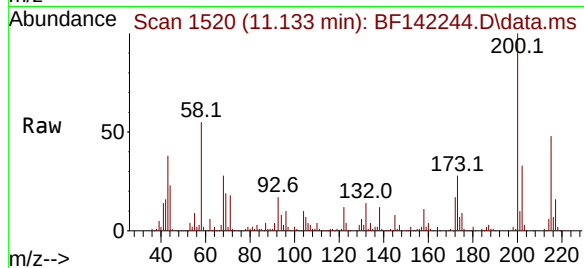
215 48.4 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 55.114 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

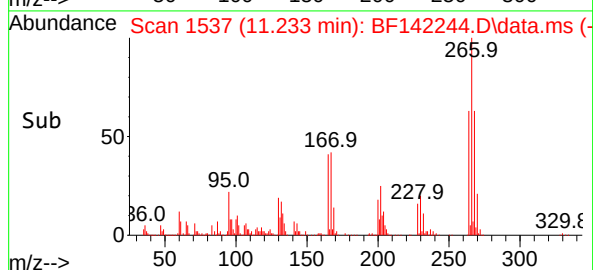
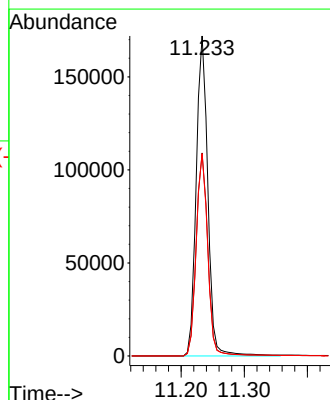
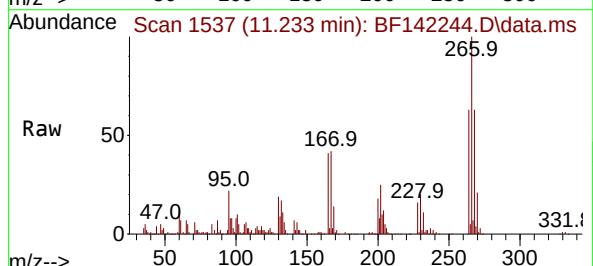
Tgt Ion:266 Resp: 219414

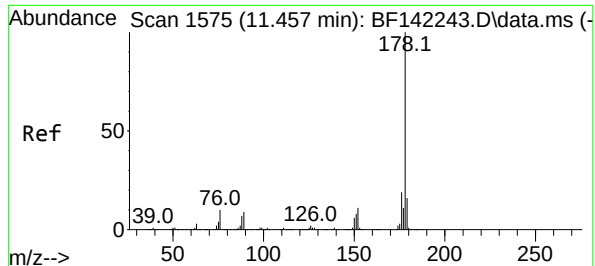
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 63.2 49.3 73.9





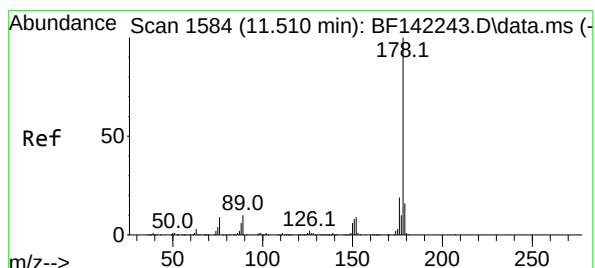
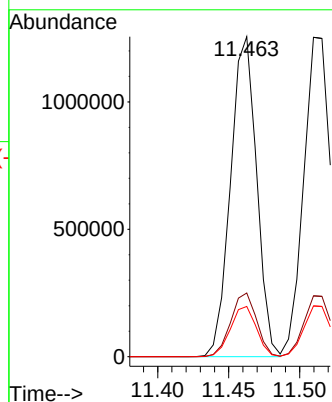
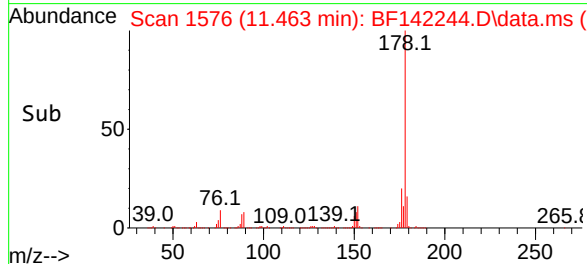
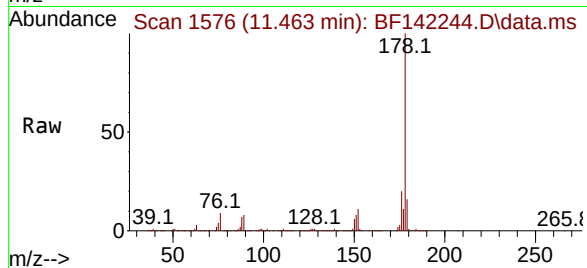
#71
Phenanthrene
Concen: 49.244 ng
RT: 11.463 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1607091
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.7 12.6 19.0

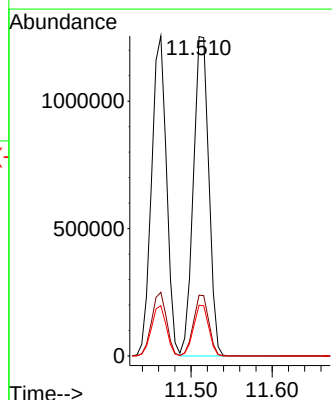
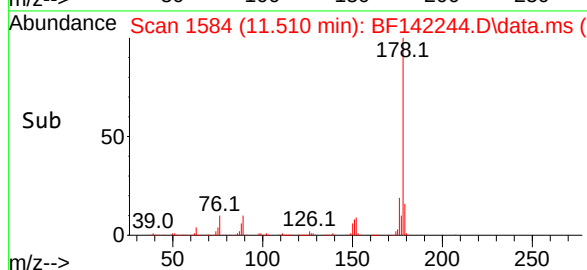
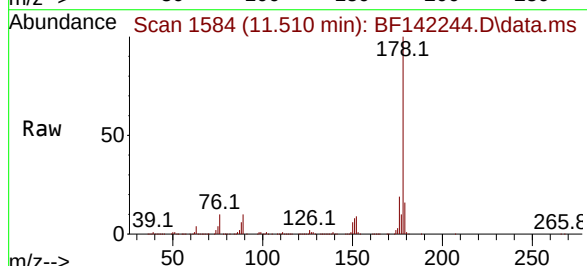
Manual Integrations
APPROVED

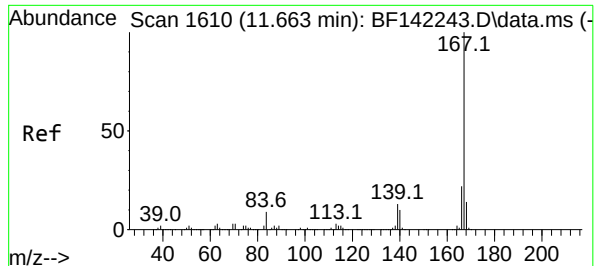
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#72
Anthracene
Concen: 49.744 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

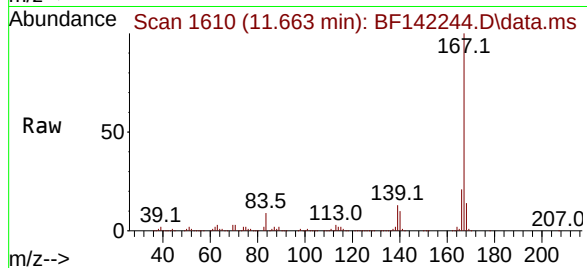
Tgt Ion:178 Resp: 1659788
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.9 12.7 19.1





#73
Carbazole
Concen: 49.436 ng
RT: 11.663 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

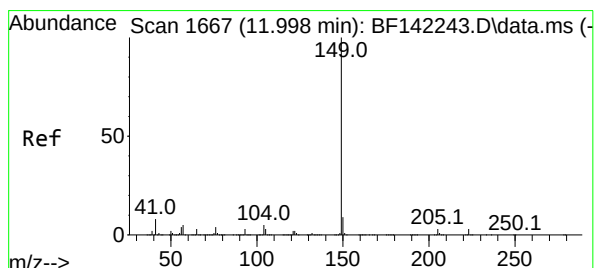
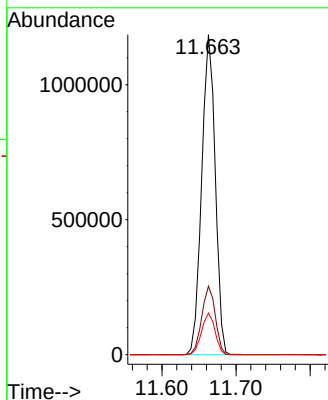
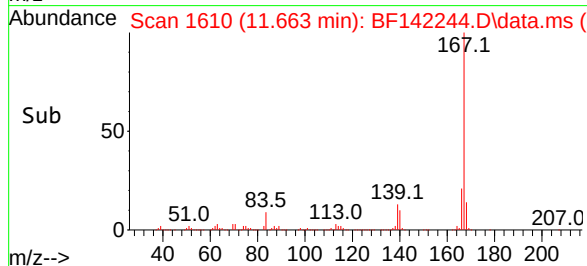
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



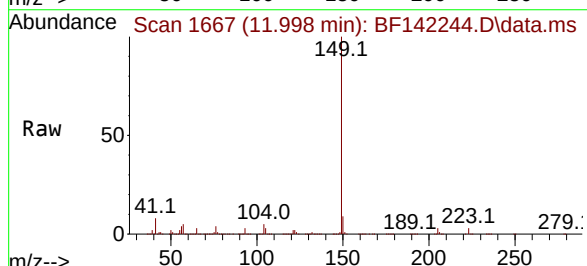
Tgt Ion:167 Resp: 1504715
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 13.0 10.3 15.5

Manual Integrations
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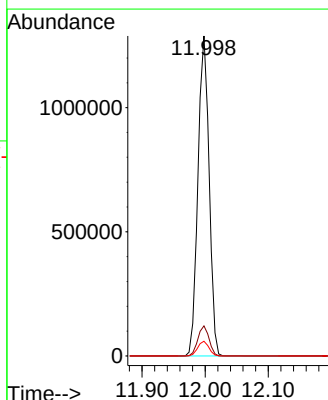
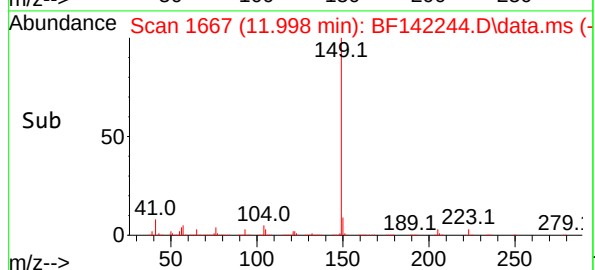
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

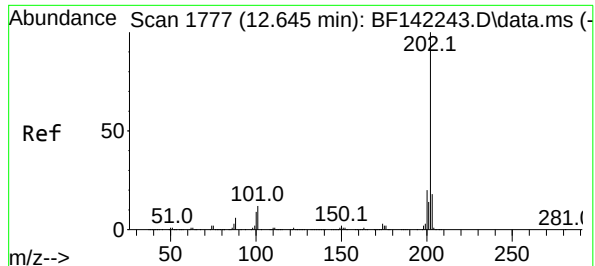


#74
Di-n-butylphthalate
Concen: 51.573 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



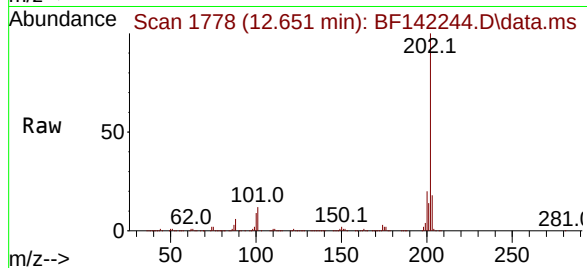
Tgt Ion:149 Resp: 1578769
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 48.481 ng
RT: 12.651 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

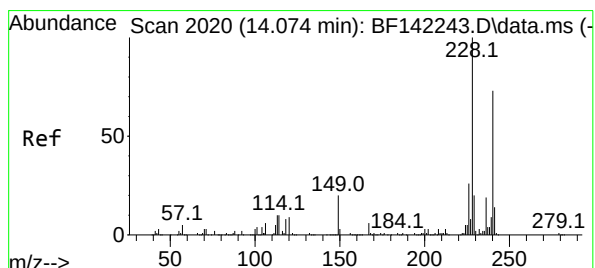
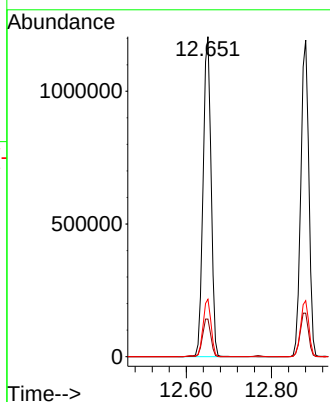
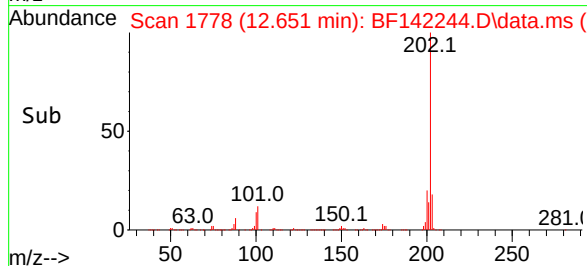
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1563998
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 17.9 0.0 37.5

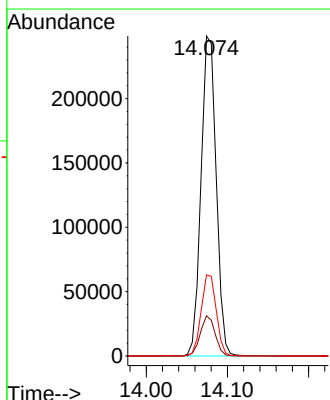
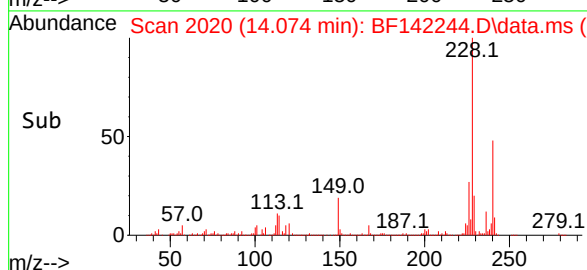
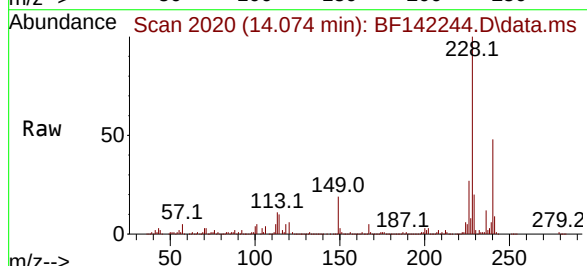
Manual Integrations
APPROVED

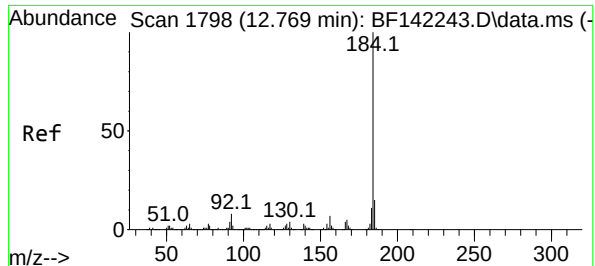
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

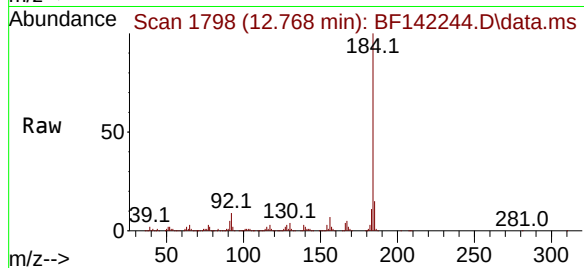
Tgt Ion:240 Resp: 322957
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.3 20.5 30.7





#77
Benzidine
Concen: 55.590 ng
RT: 12.768 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

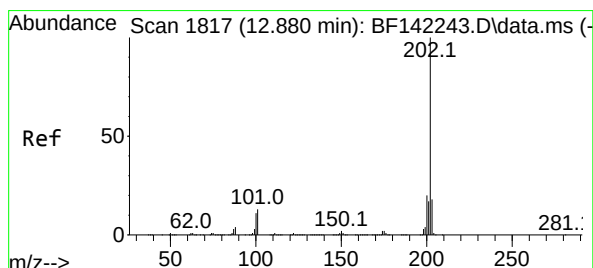
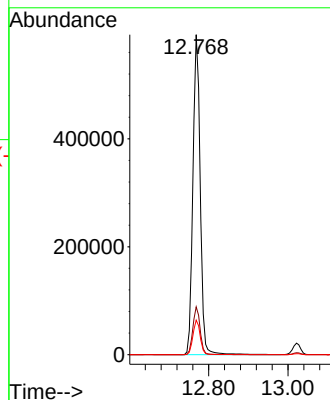
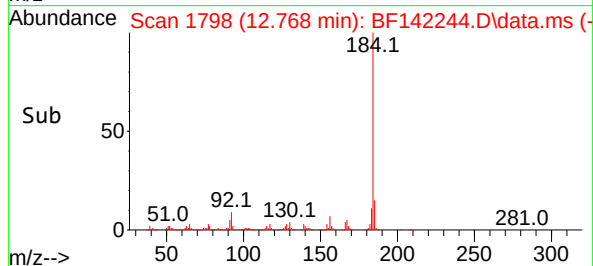
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 762858
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.6
183 10.8 8.9 13.3

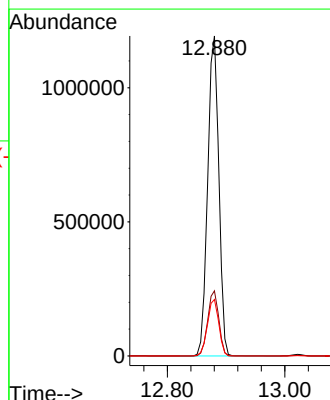
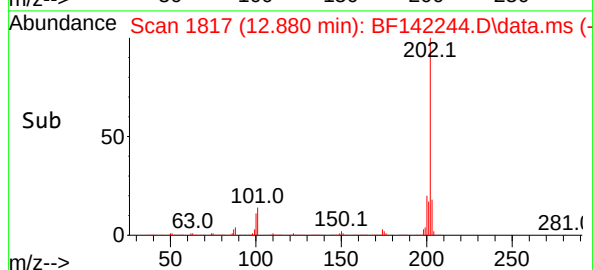
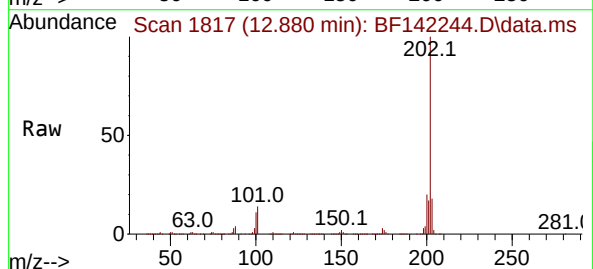
Manual Integrations
APPROVED

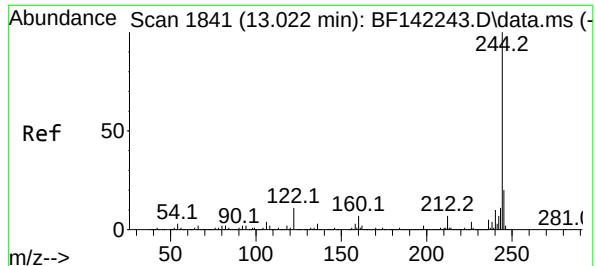
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 52.484 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

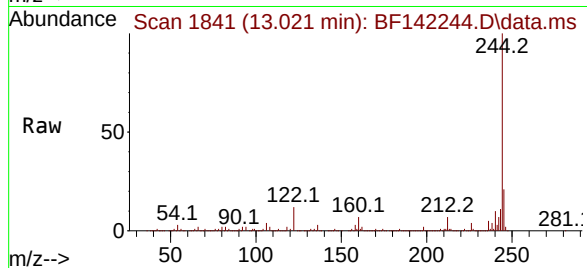
Tgt Ion:202 Resp: 1563568
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 101.236 ng
RT: 13.021 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

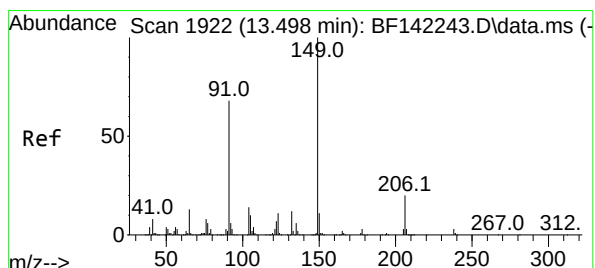
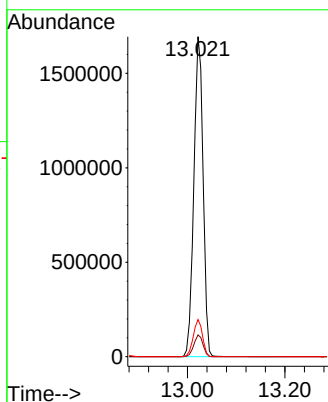
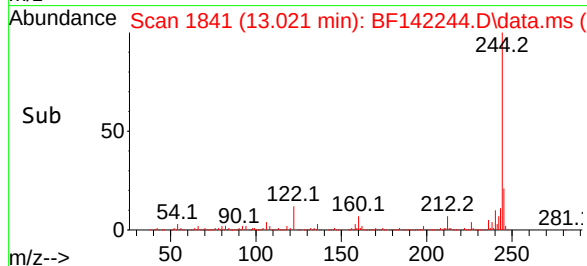
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 224798
Ion Ratio Lower Upper
244 100
212 6.8 5.3 7.9
122 11.6 9.1 13.7

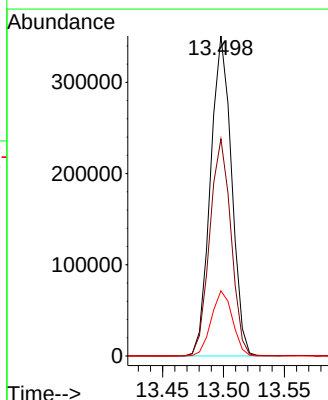
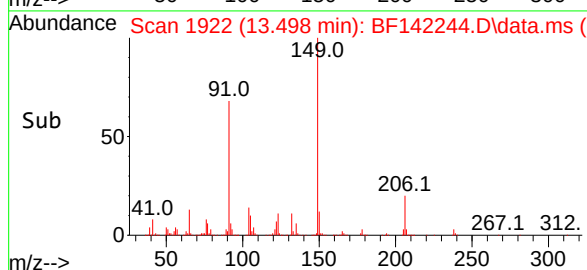
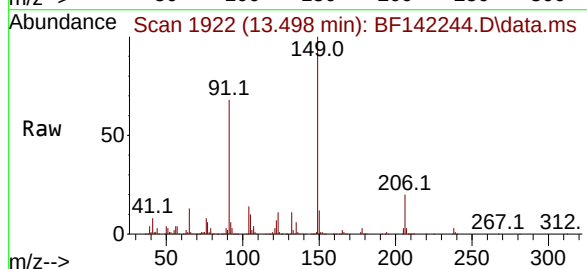
Manual Integrations
APPROVED

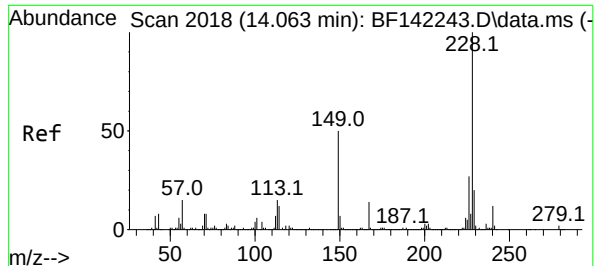
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#80
Butylbenzylphthalate
Concen: 51.685 ng
RT: 13.498 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

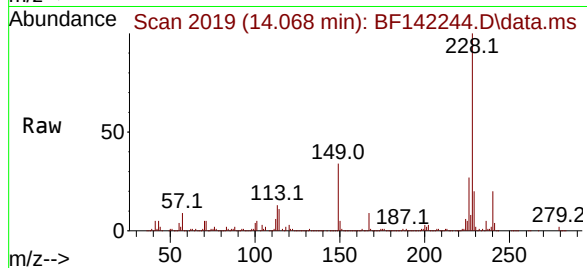
Tgt Ion:149 Resp: 423529
Ion Ratio Lower Upper
149 100
91 67.9 54.4 81.6
206 20.3 15.9 23.9





#81
Benzo(a)anthracene
Concen: 51.691 ng
RT: 14.068 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

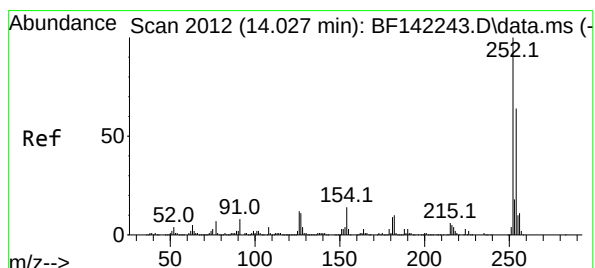
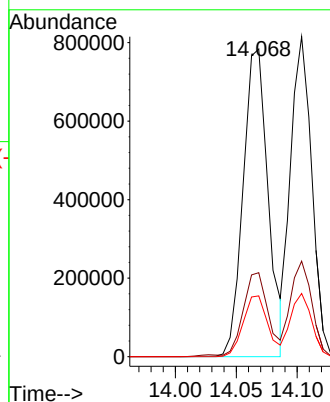
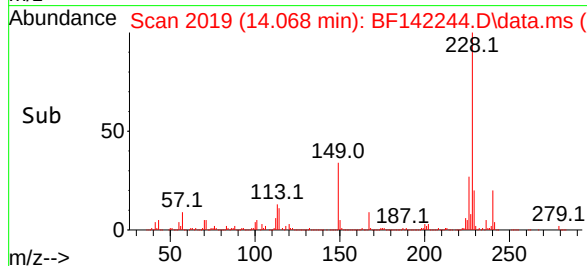
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



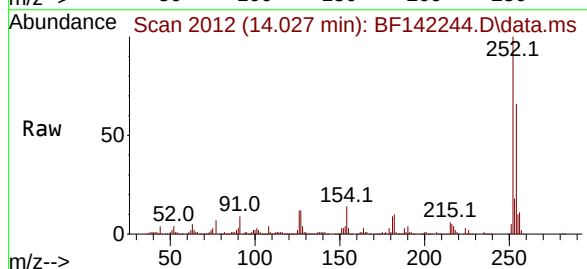
Tgt Ion:228 Resp: 1120699
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.8 16.0 24.0

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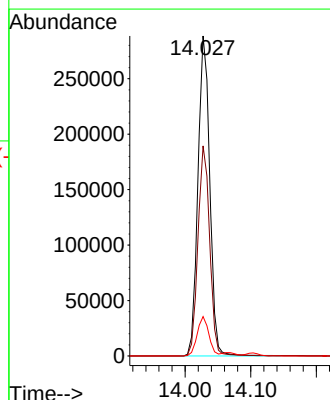
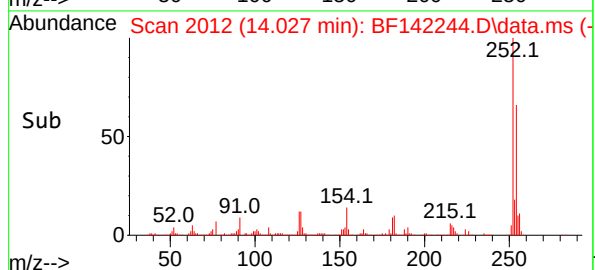
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

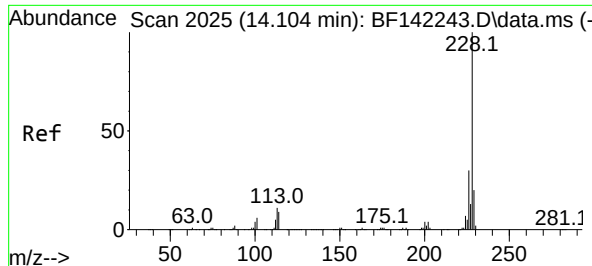


#82
3,3'-Dichlorobenzidine
Concen: 57.021 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46



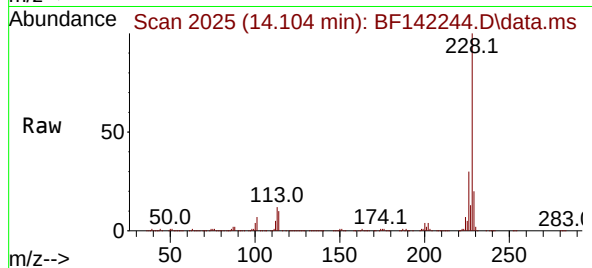
Tgt Ion:252 Resp: 363124
Ion Ratio Lower Upper
252 100
254 65.7 51.0 76.6
126 12.3 9.4 14.2





#83
Chrysene
Concen: 50.214 ng
RT: 14.104 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

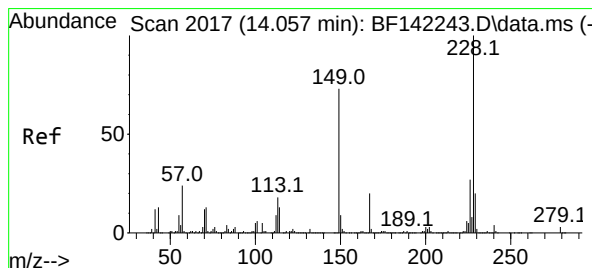
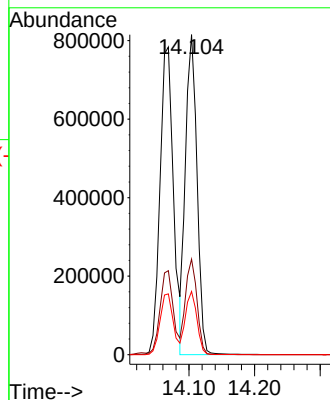
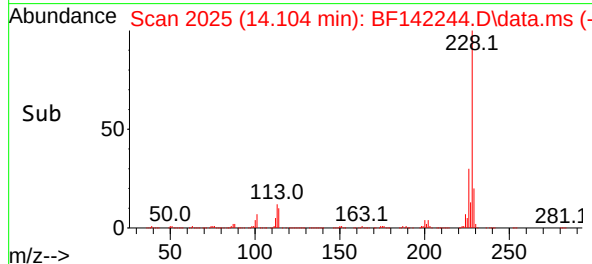
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 990991
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.7 15.7 23.5

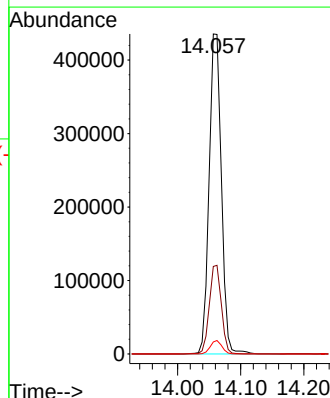
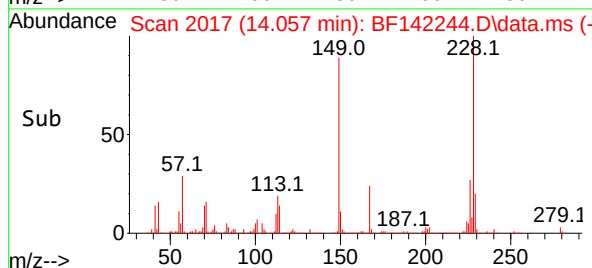
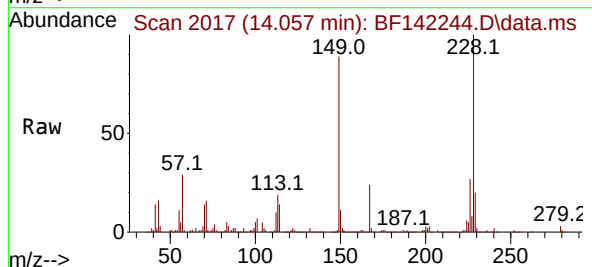
Manual Integrations
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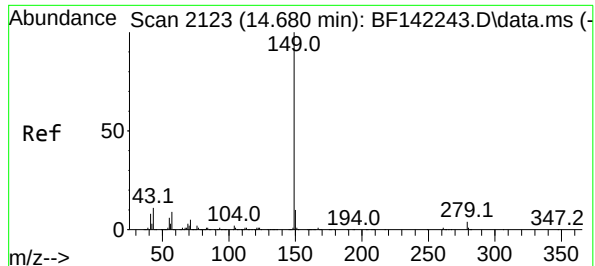
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.638 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

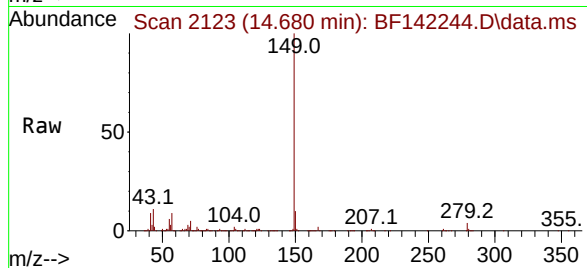
Tgt Ion:149 Resp: 585800
Ion Ratio Lower Upper
149 100
167 27.4 21.7 32.5
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 51.078 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

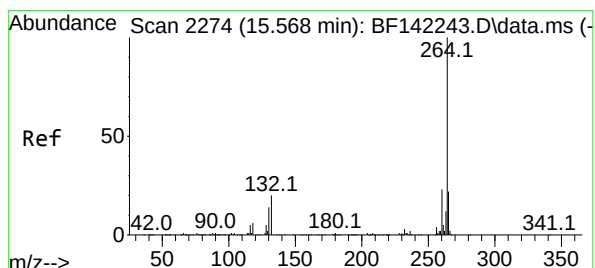
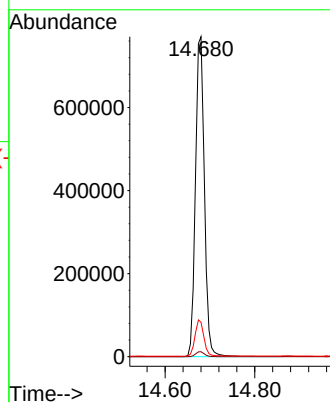
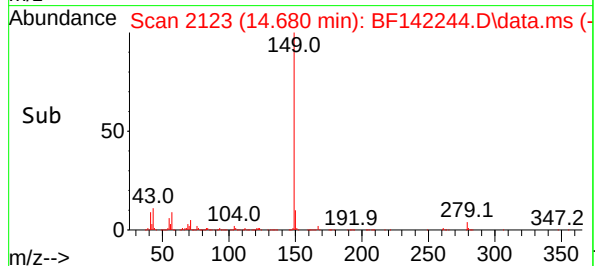
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1065620
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.3 13.9

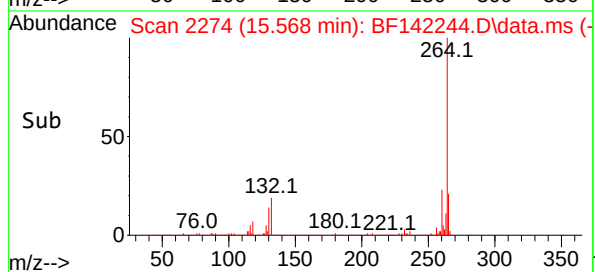
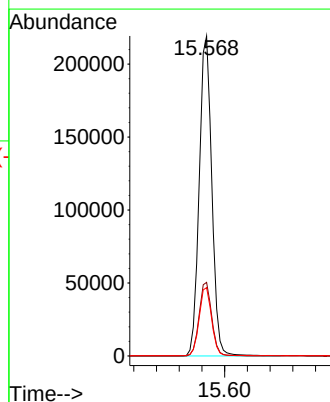
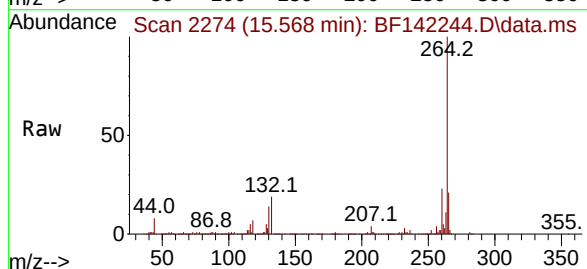
Manual Integrations
APPROVED

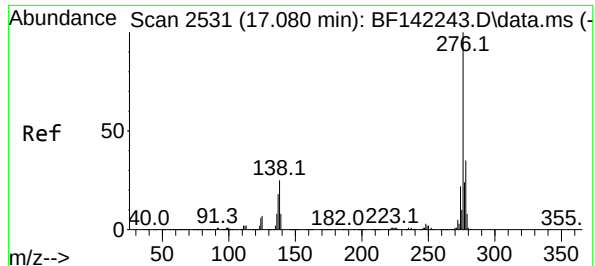
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:264 Resp: 337726
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.091 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 1313330

Ion Ratio Lower Upper

276 100

138 29.0 22.6 33.8

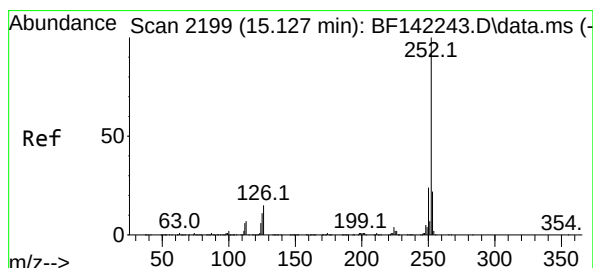
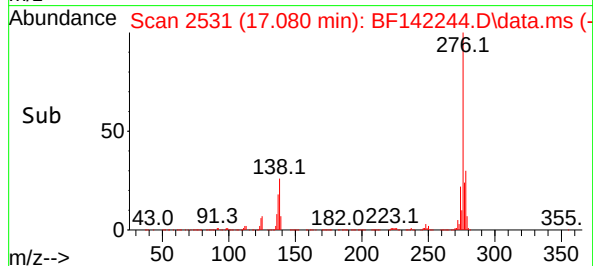
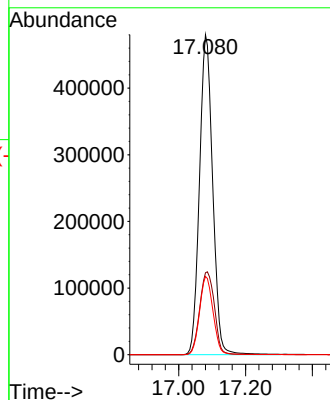
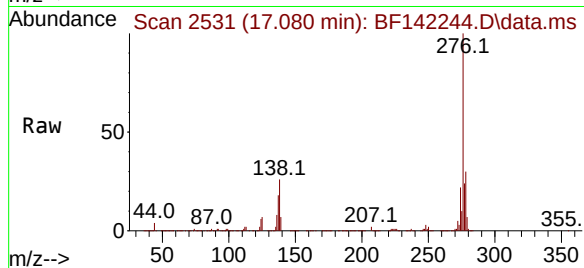
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 51.153 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

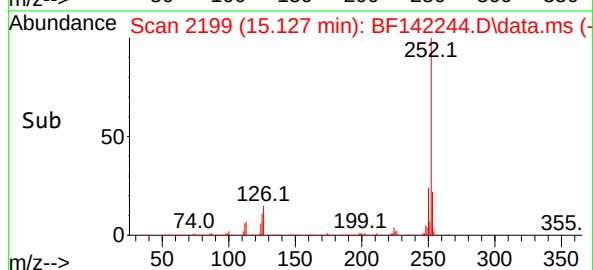
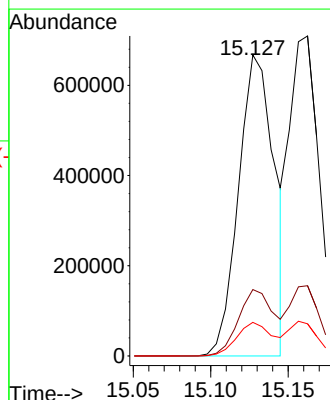
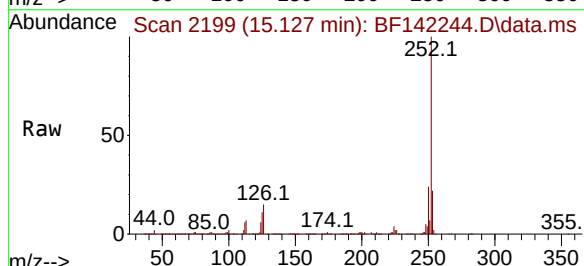
Tgt Ion:252 Resp: 1073096

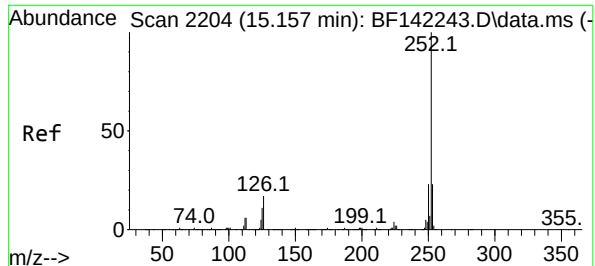
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.2 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 50.408 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 96724

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

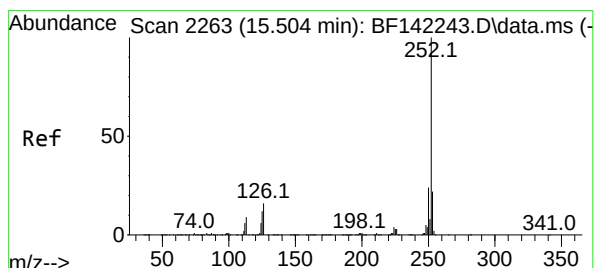
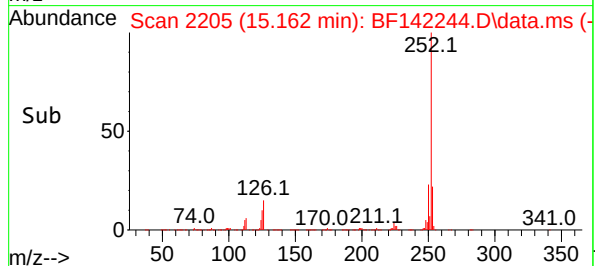
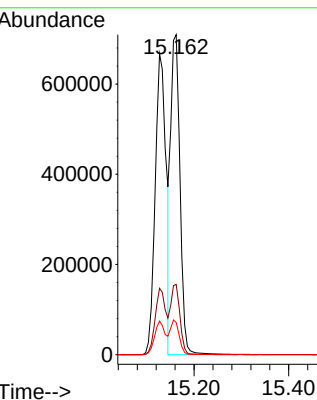
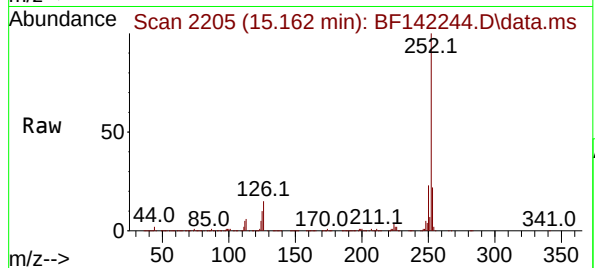
125 10.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 51.890 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142244.D

Acq: 30 Apr 2025 13:46

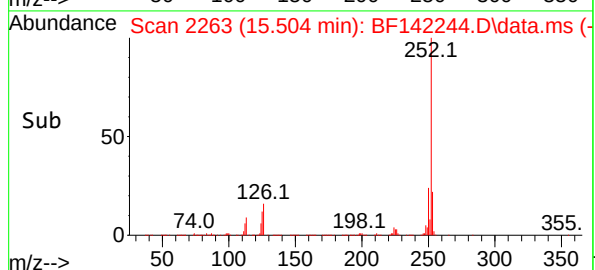
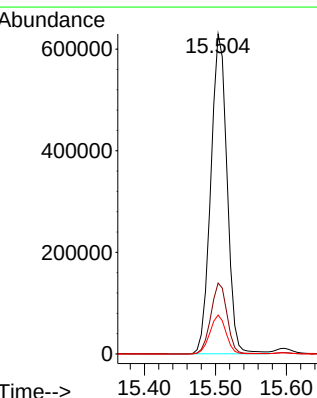
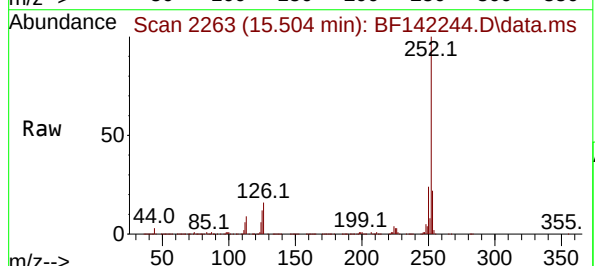
Tgt Ion:252 Resp: 996599

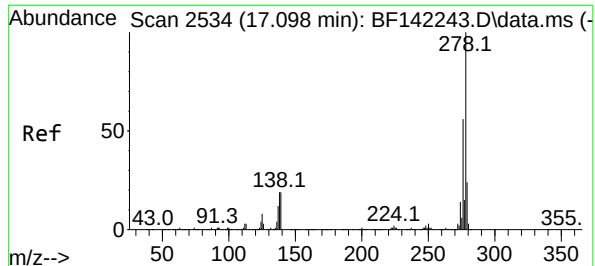
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

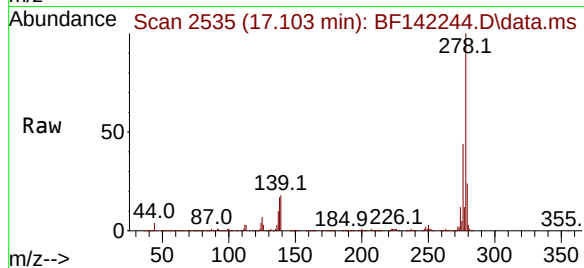
125 12.2 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 53.457 ng
RT: 17.103 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

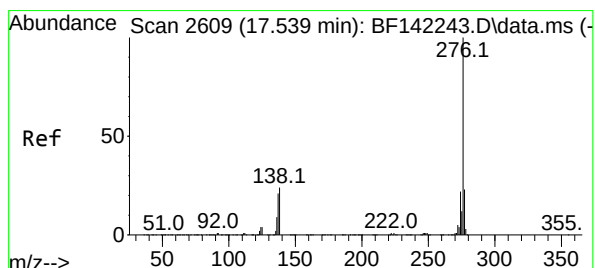
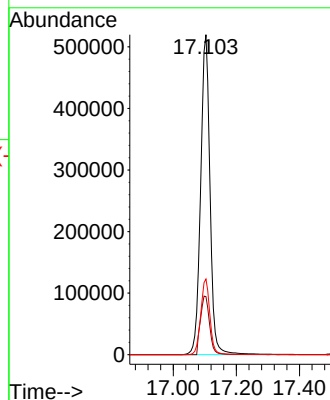
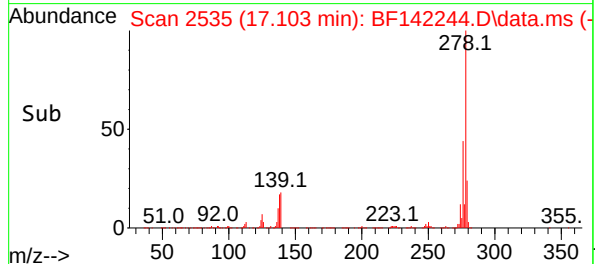
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 1073240
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.7 19.0 28.6

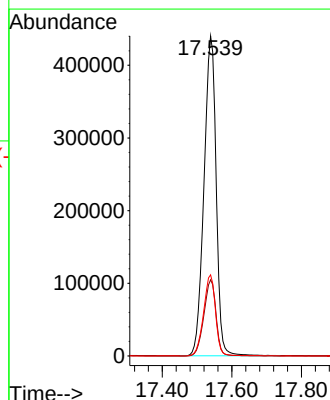
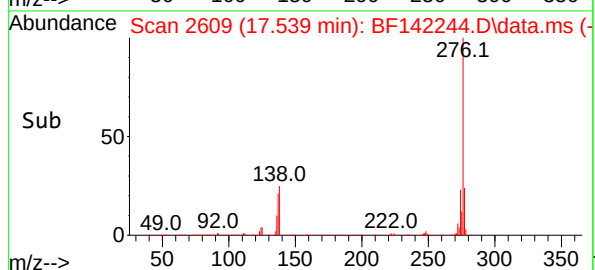
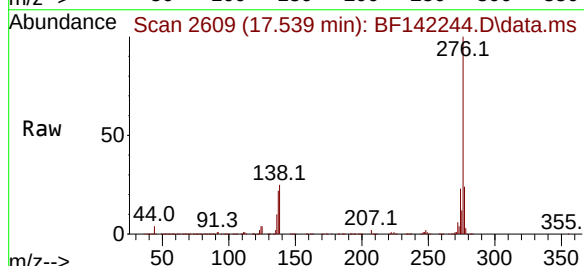
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 52.984 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142244.D
Acq: 30 Apr 2025 13:46

Tgt Ion:276 Resp: 1069402
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 25.3 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142245.D
 Acq On : 30 Apr 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187963	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730767	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	379270	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624729	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328990	20.000	ng	0.00
86) Perylene-d12	15.568	264	361305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364962	115.976	ng	0.00
7) Phenol-d6	6.528	99	1663210	117.026	ng	0.00
23) Nitrobenzene-d5	7.475	82	1488103	133.783	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	447862	129.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2777485	103.255	ng	0.00
79) Terphenyl-d14	13.022	244	2546694	112.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	312897	59.528	ng	99
3) Pyridine	3.469	79	823442	60.277	ng	98
4) n-Nitrosodimethylamine	3.422	42	431685	61.063	ng	98
6) Aniline	6.575	93	1184649	58.890	ng	100
8) 2-Chlorophenol	6.693	128	740327	60.874	ng	99
9) Benzaldehyde	6.463	77	559766	56.352	ng	98
10) Phenol	6.545	94	903976m	59.085	ng	
11) bis(2-Chloroethyl)ether	6.646	93	693997	58.532	ng	99
12) 1,3-Dichlorobenzene	6.851	146	787463	57.236	ng	99
13) 1,4-Dichlorobenzene	6.928	146	791509	57.102	ng	99
14) 1,2-Dichlorobenzene	7.081	146	764397	57.765	ng	99
15) Benzyl Alcohol	7.045	79	609871	60.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1249716	58.370	ng	100
17) 2-Methylphenol	7.151	107	592171	59.438	ng	99
18) Hexachloroethane	7.428	117	275661	60.761	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	506389	57.660	ng	100
20) 3+4-Methylphenols	7.310	107	730966	58.670	ng	94
22) Acetophenone	7.322	105	943225	55.792	ng	97
24) Nitrobenzene	7.498	77	708847	64.948	ng	99
25) Isophorone	7.734	82	1371824	58.764	ng	100
26) 2-Nitrophenol	7.810	139	299107	61.132	ng	97
27) 2,4-Dimethylphenol	7.840	122	691268	58.731	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	847188	57.543	ng	100
29) 2,4-Dichlorophenol	8.045	162	596890	60.658	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	628720	57.256	ng	100
31) Naphthalene	8.216	128	2026390	55.603	ng	99
32) Benzoic acid	7.951	122	349577	59.198	ng	99
33) 4-Chloroaniline	8.263	127	868158	57.207	ng	99
34) Hexachlorobutadiene	8.334	225	373284	58.266	ng	100
35) Caprolactam	8.639	113	186124	62.928	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	605133	59.887	ng	99
37) 2-Methylnaphthalene	8.904	142	1257822	56.136	ng	99
38) 1-Methylnaphthalene	9.004	142	1294318	55.760	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	607614	56.925	ng	100
41) Hexachlorocyclopentadiene	9.063	237	407387	67.248	ng	100
43) 2,4,6-Trichlorophenol	9.181	196	433323	65.514	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142245.D
 Acq On : 30 Apr 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	422145	60.705	ng	98
46) 1,1'-Biphenyl	9.369	154	1632628	55.372	ng	100
47) 2-Chloronaphthalene	9.398	162	1234670	56.283	ng	99
48) 2-Nitroaniline	9.486	65	357897	60.490	ng	99
49) Acenaphthylene	9.810	152	2079452	56.175	ng	99
50) Dimethylphthalate	9.675	163	1395869	57.529	ng	100
51) 2,6-Dinitrotoluene	9.728	165	289353	60.986	ng	98
52) Acenaphthene	9.986	154	1219341	56.414	ng	99
53) 3-Nitroaniline	9.898	138	352271	61.278	ng	97
54) 2,4-Dinitrophenol	9.998	184	86520	61.133	ng	83
55) Dibenzofuran	10.157	168	1798627	55.513	ng	99
56) 4-Nitrophenol	10.045	139	261987	68.694	ng	98
57) 2,4-Dinitrotoluene	10.134	165	352001	60.964	ng	98
58) Fluorene	10.498	166	1348902	54.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	367314	63.765	ng	99
60) Diethylphthalate	10.369	149	1382905	57.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	648920	55.466	ng	97
62) 4-Nitroaniline	10.516	138	319292	61.243	ng	99
63) Azobenzene	10.651	77	1362906	57.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132189	60.646	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1224189	57.351	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	413069	59.371	ng	100
68) Hexachlorobenzene	11.045	284	457317	58.689	ng	99
69) Atrazine	11.133	200	340471	60.513	ng	99
70) Pentachlorophenol	11.233	266	270497	65.710	ng	98
71) Phenanthrene	11.463	178	1864413	55.249	ng	100
72) Anthracene	11.516	178	1920817	55.673	ng	100
73) Carbazole	11.663	167	1751538	55.651	ng	100
74) Di-n-butylphthalate	11.998	149	1852105	58.511	ng	100
75) Fluoranthene	12.651	202	1794425	53.793	ng	98
77) Benzidine	12.769	184	883568	63.206	ng	99
78) Pyrene	12.880	202	1809576	59.627	ng	99
80) Butylbenzylphthalate	13.498	149	516723	61.167	ng	99
81) Benzo(a)anthracene	14.069	228	1299270	58.829	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	444901	68.582	ng	99
83) Chrysene	14.104	228	1181729	58.781	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	712716	61.002	ng	99
85) Di-n-octyl phthalate	14.680	149	1329733	61.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1614650	61.012	ng	100
88) Benzo(b)fluoranthene	15.127	252	1275552	56.836	ng	99
89) Benzo(k)fluoranthene	15.163	252	1202952	58.601	ng	99
90) Benzo(a)pyrene	15.510	252	1232454	59.982	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	1292219	60.163	ng	99
92) Benzo(g,h,i)perylene	17.545	276	1315066	60.904	ng	99

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

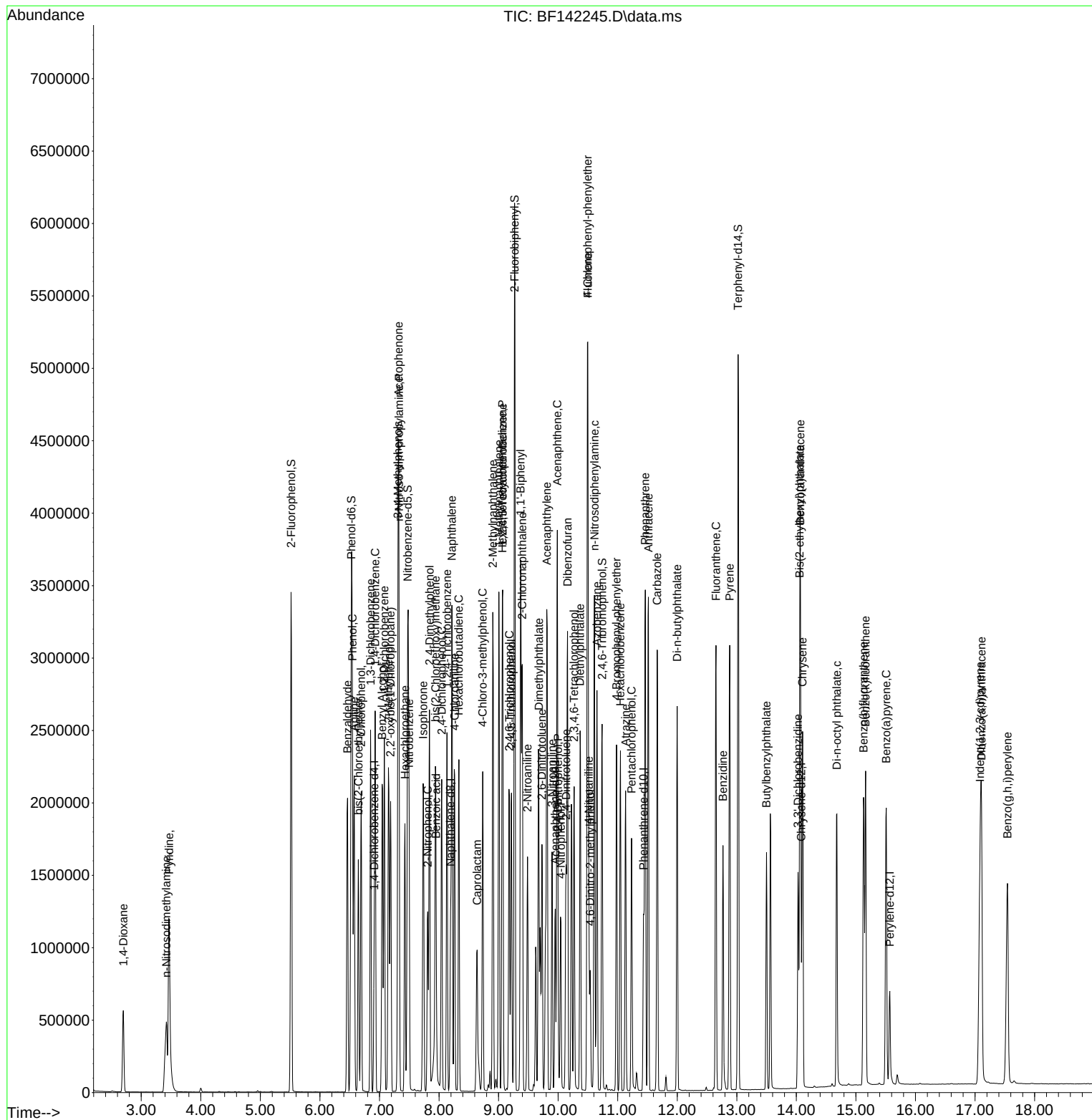
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142245.D
Acq On : 30 Apr 2025 14:15
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

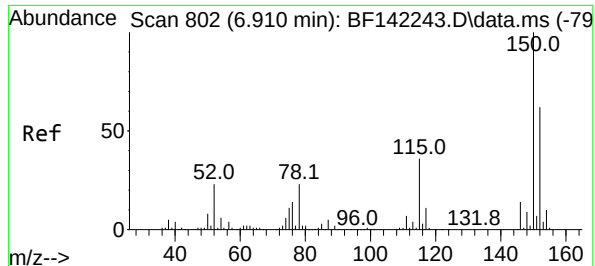
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

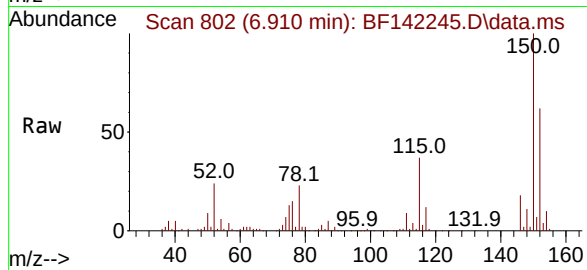
Quant Time: Apr 30 15:46:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

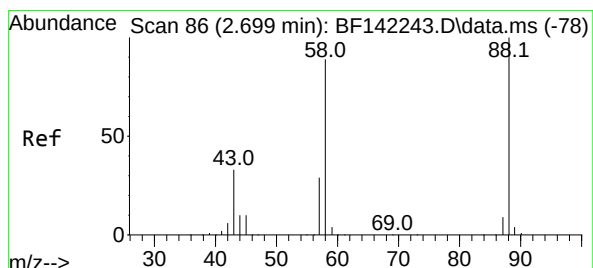
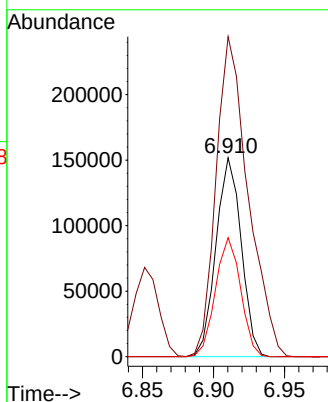
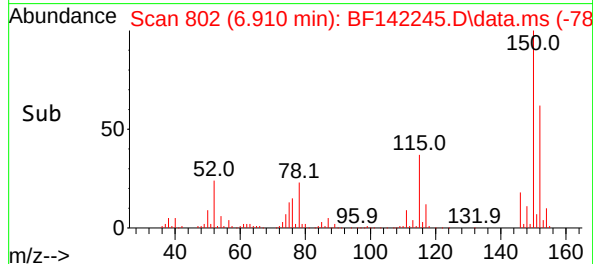
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 18796
Ion Ratio Lower Upper
152 100
150 160.9 130.2 195.2
115 59.8 47.0 70.4

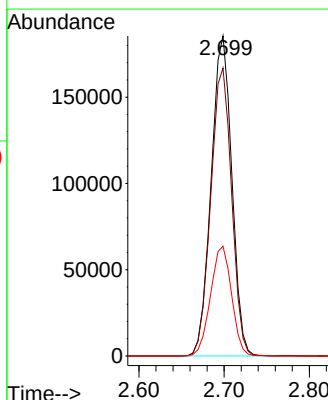
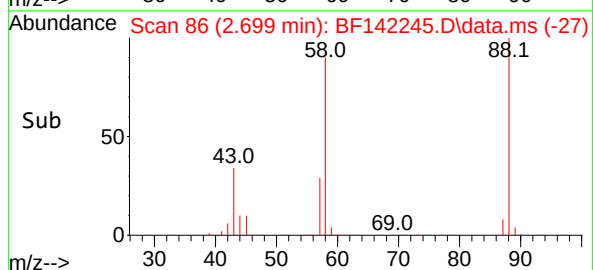
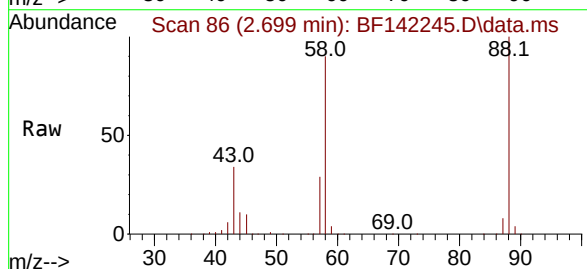
Manual Integrations
APPROVED

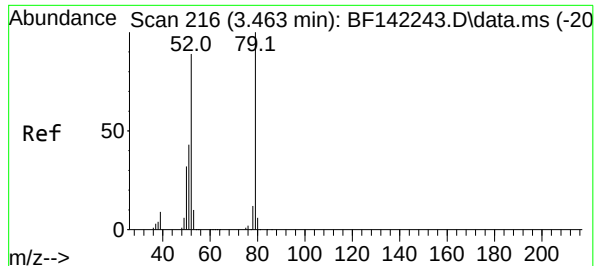
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 59.528 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 88 Resp: 312897
Ion Ratio Lower Upper
88 100
58 90.8 72.2 108.2
43 35.0 27.0 40.6





#3

Pyridine

Concen: 60.277 ng

RT: 3.469 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF142245.D

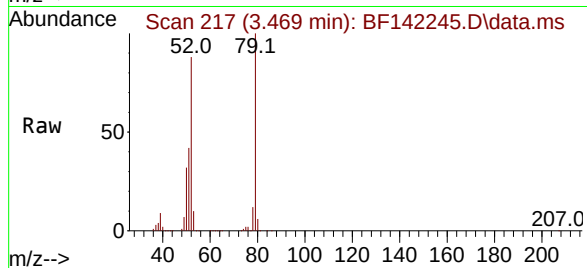
Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



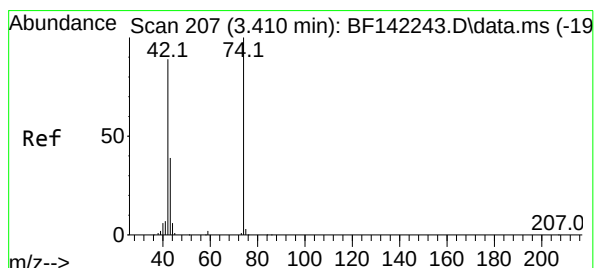
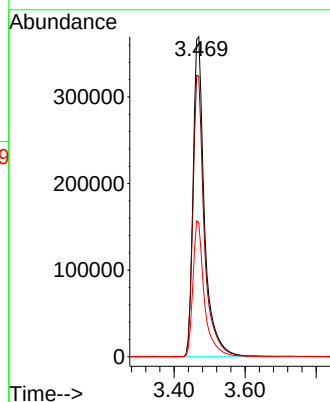
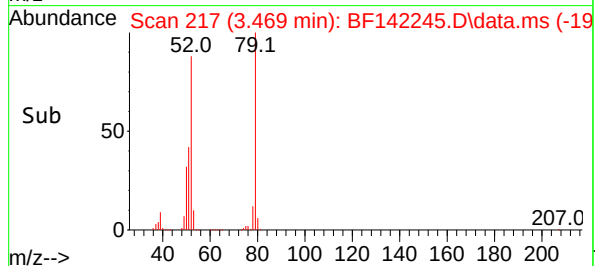
Tgt Ion:	79	Resp:	82344
Ion	Ratio	Lower	Upper
79	100		
52	87.7	71.5	107.3
51	41.9	34.5	51.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

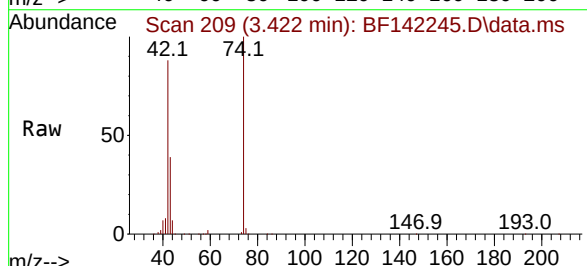
Concen: 61.063 ng

RT: 3.422 min Scan# 209

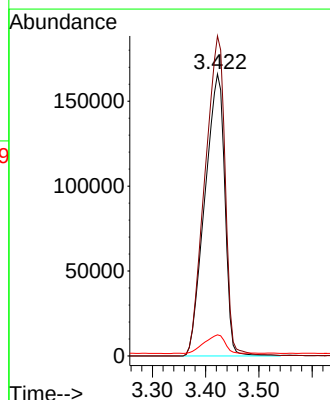
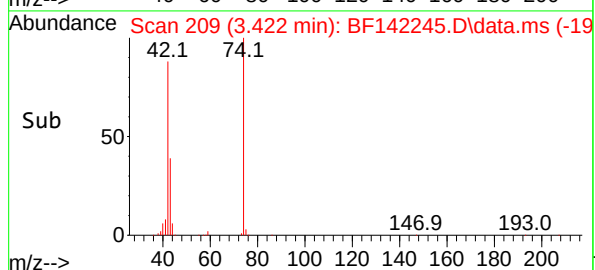
Delta R.T. 0.012 min

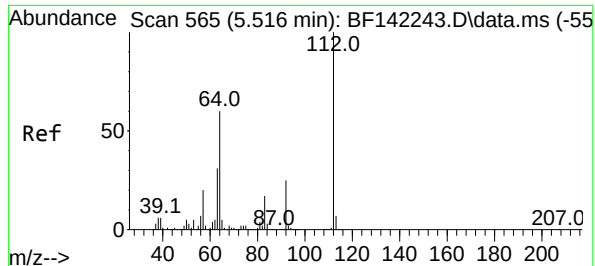
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15



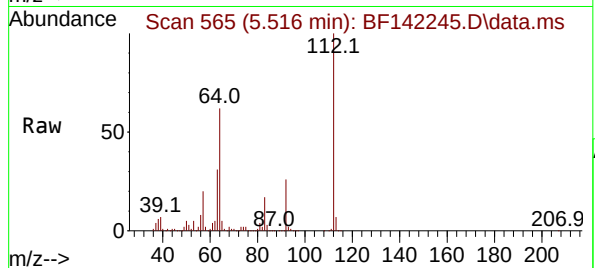
Tgt Ion:	42	Resp:	431685
Ion	Ratio	Lower	Upper
42	100		
74	113.5	89.5	134.3
44	7.5	6.6	9.8





#5
2-Fluorophenol
Concen: 115.976 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

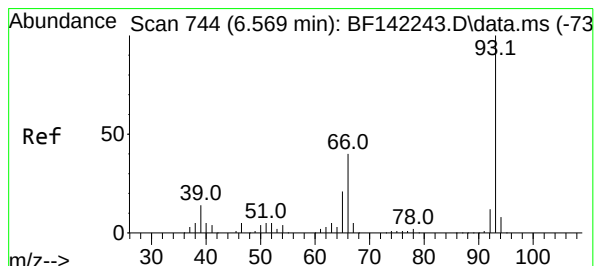
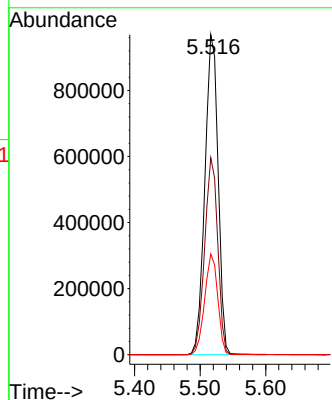
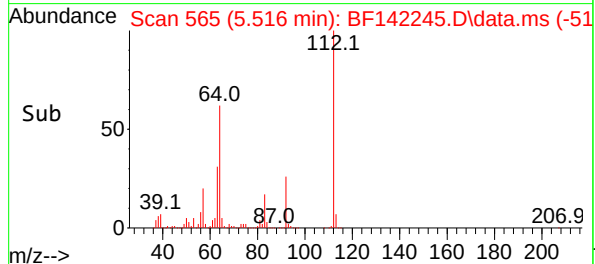
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:112 Resp: 1364962
Ion Ratio Lower Upper
112 100
64 61.6 48.4 72.6
63 31.5 24.8 37.2

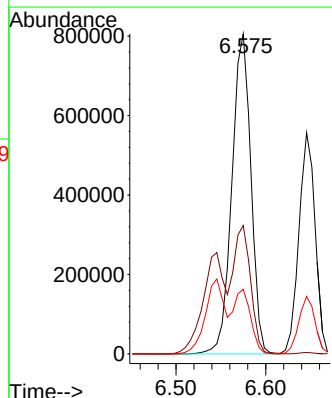
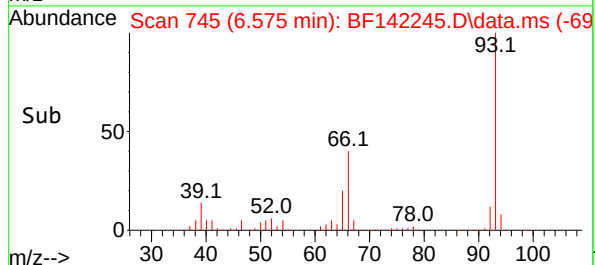
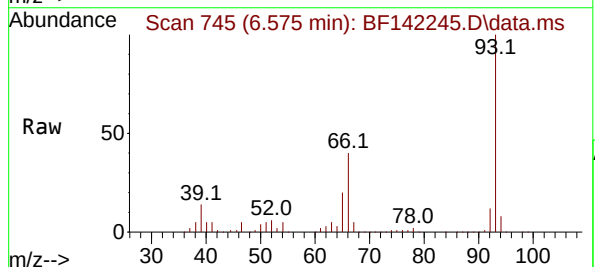
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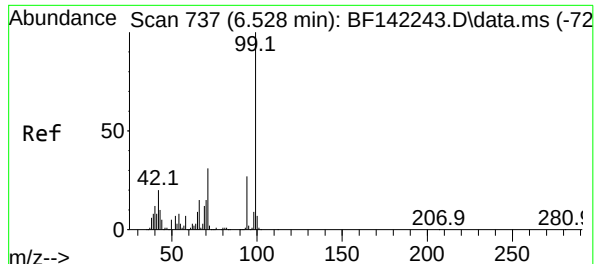
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 58.890 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

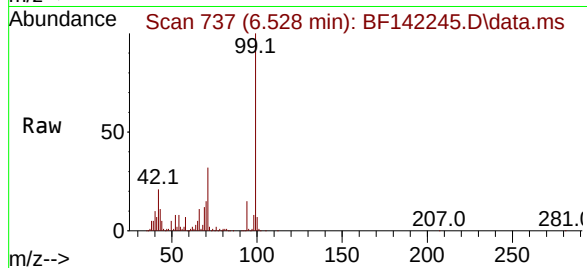
Tgt Ion: 93 Resp: 1184649
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 117.026 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

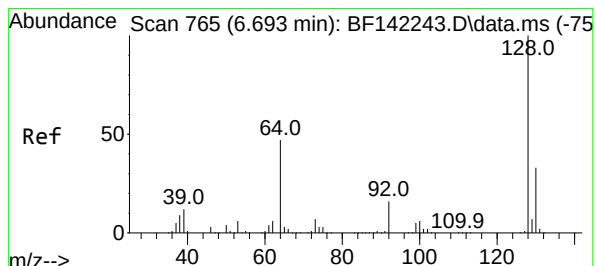
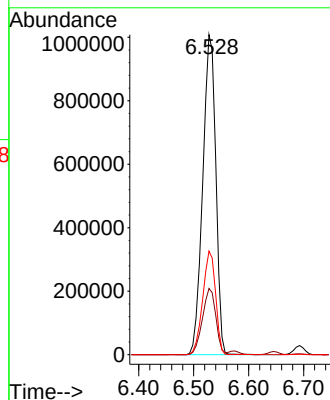
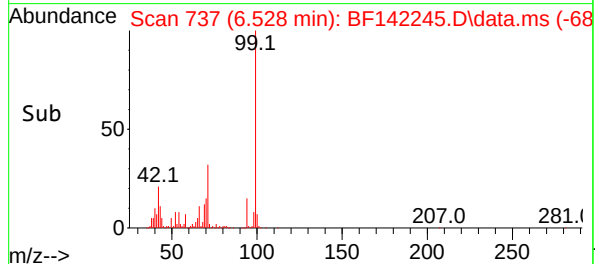
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 1663210
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.3 25.0 37.4

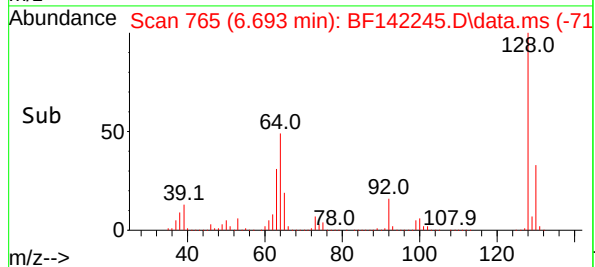
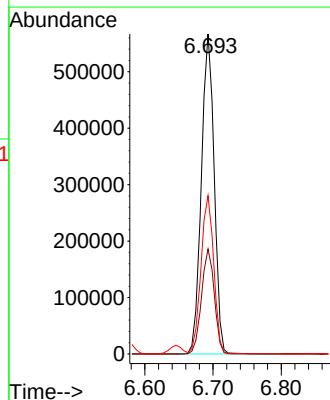
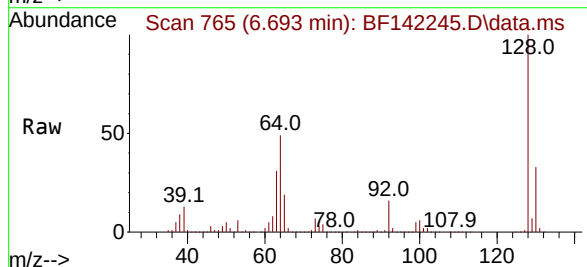
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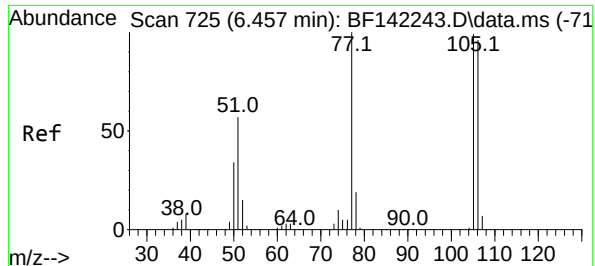
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#8
2-Chlorophenol
Concen: 60.874 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:128 Resp: 740327
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 49.4 28.6 68.6





#9

Benzaldehyde

Concen: 56.352 ng

RT: 6.463 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 55976

Ion Ratio Lower Upper

77 100

105 100.6 79.1 119.1

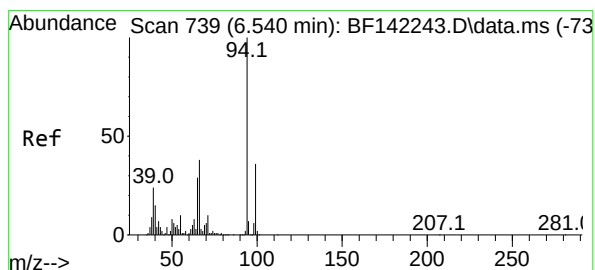
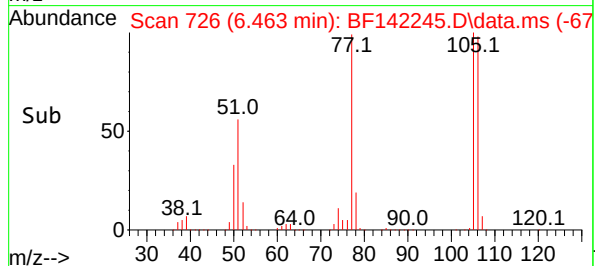
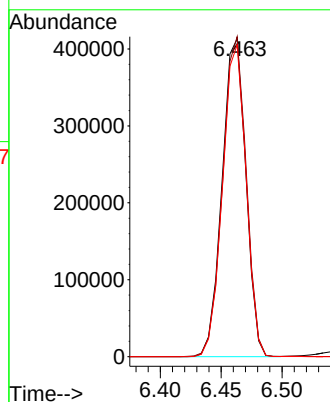
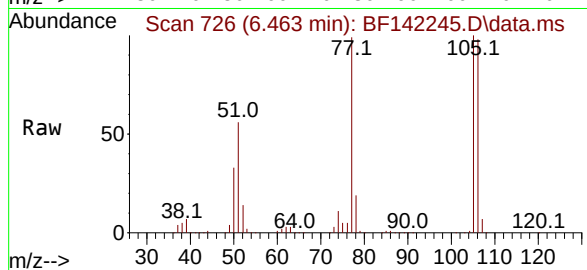
106 98.1 76.0 116.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 59.085 ng m

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

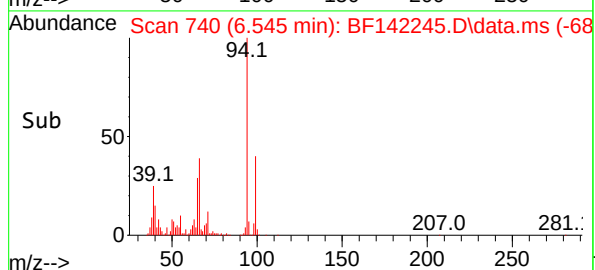
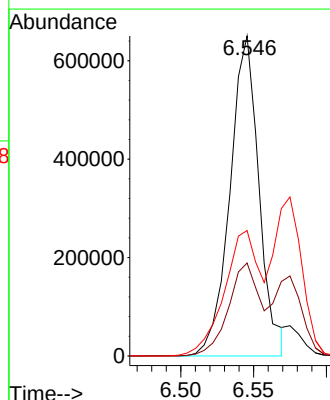
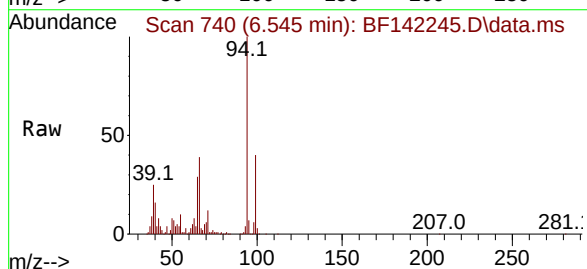
Tgt Ion: 94 Resp: 903976

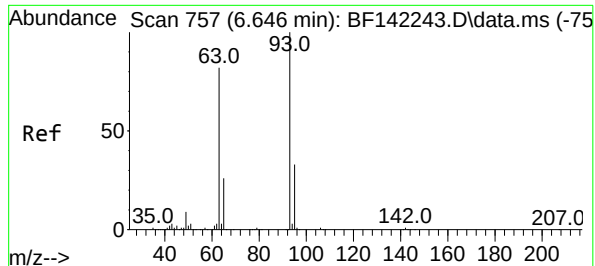
Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

66 39.2 18.7 58.7





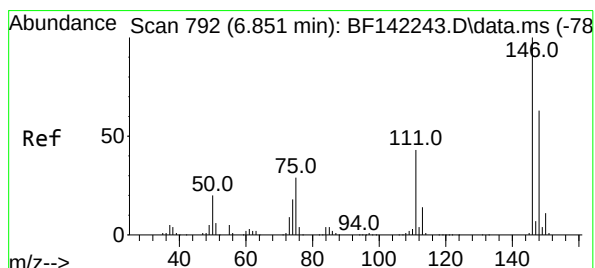
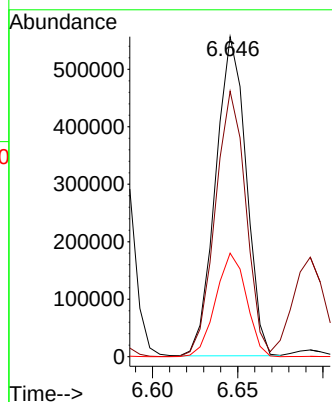
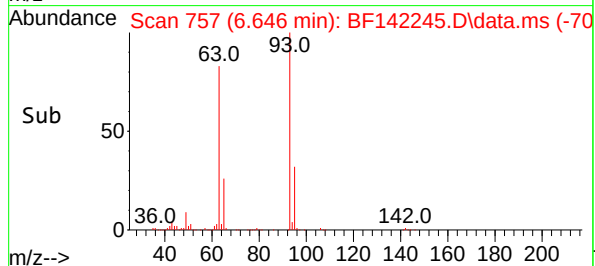
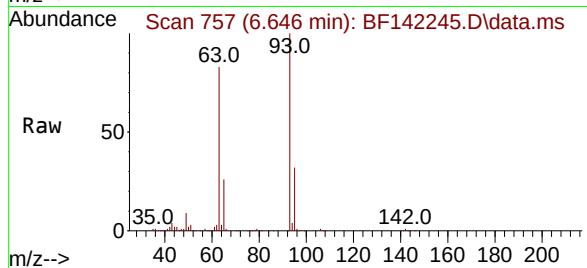
#11
bis(2-Chloroethyl)ether
Concen: 58.532 ng
RT: 6.646 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 693997
Ion Ratio Lower Upper
93 100
63 83.0 62.2 102.2
95 32.3 12.7 52.7

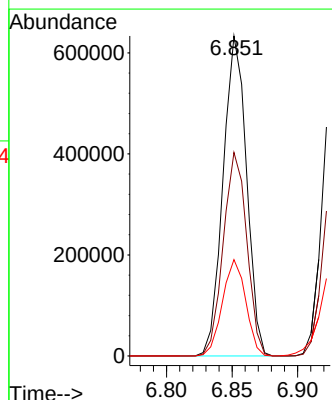
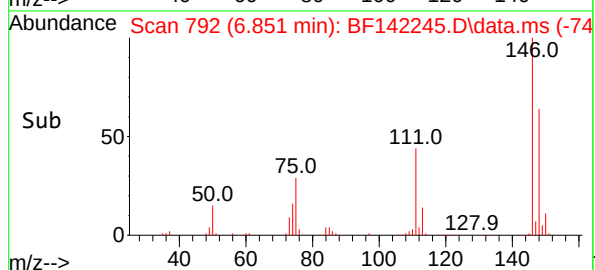
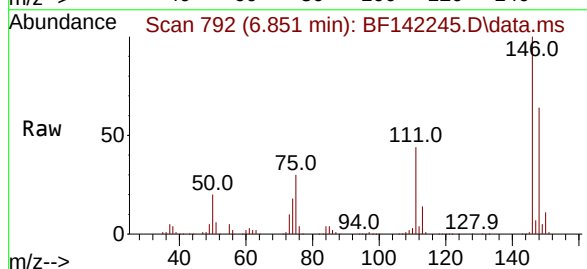
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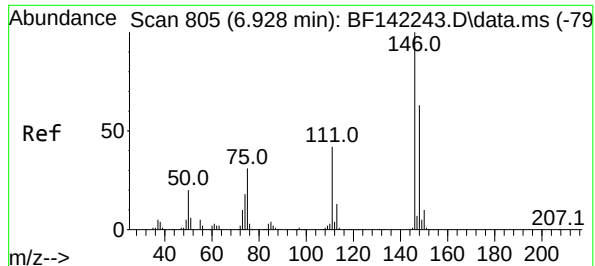
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 57.236 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:146 Resp: 787463
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 30.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 57.102 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 791509

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

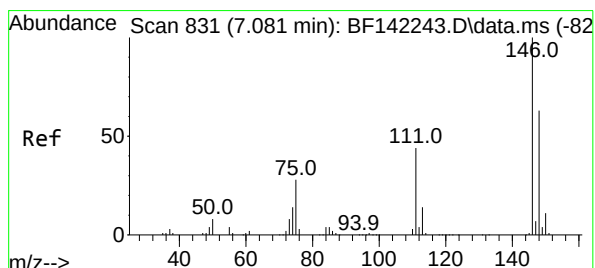
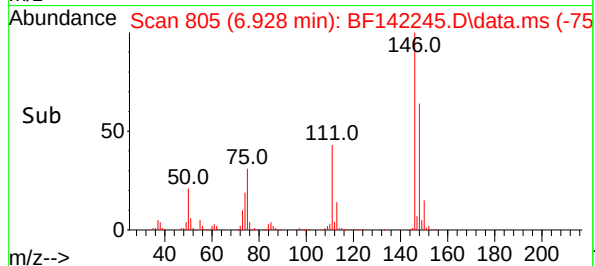
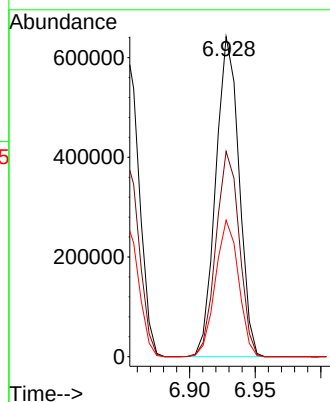
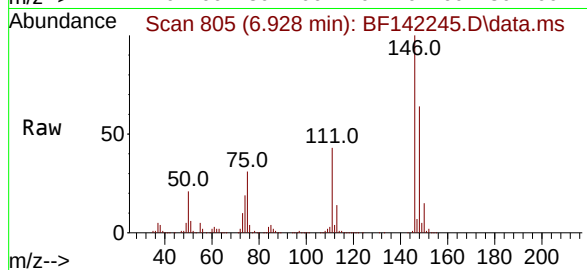
111 42.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 57.765 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

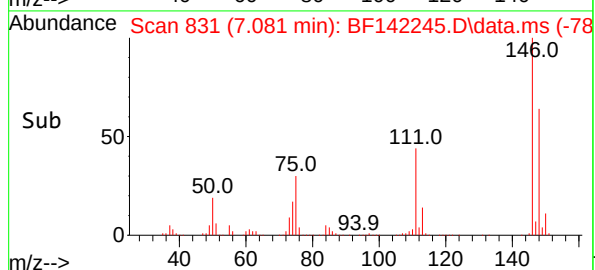
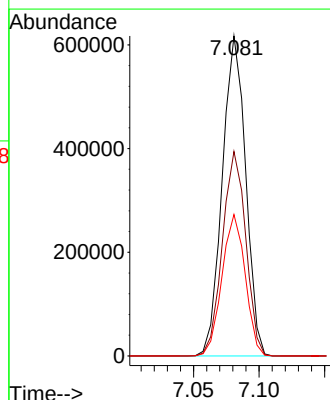
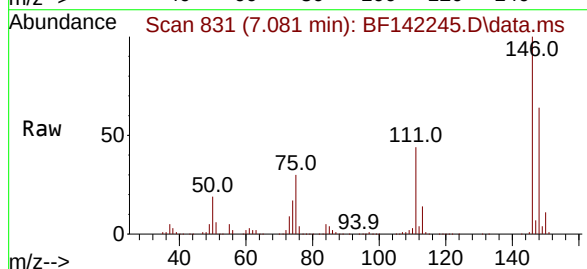
Tgt Ion:146 Resp: 764397

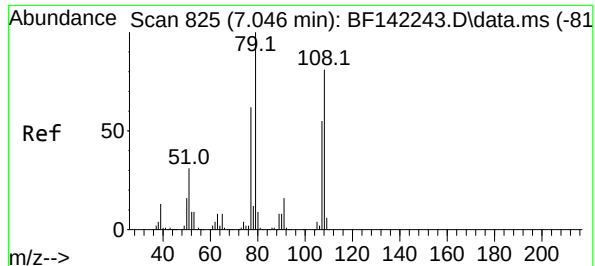
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

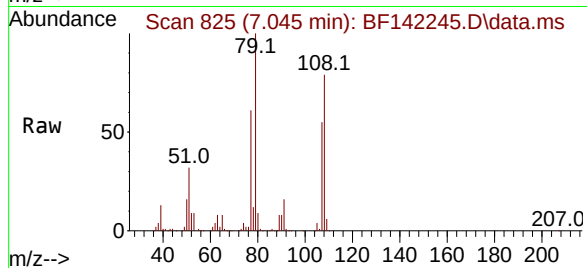
111 44.2 34.9 52.3





#15
Benzyl Alcohol
Concen: 60.504 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

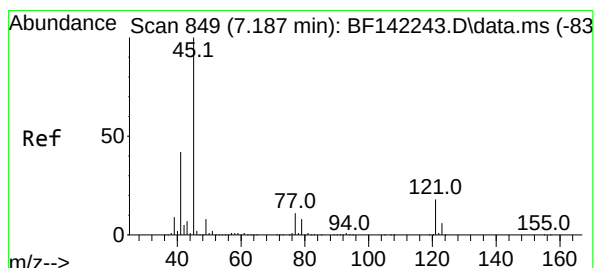
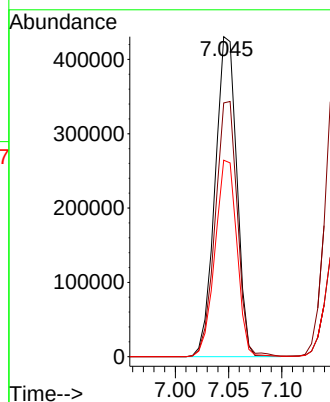
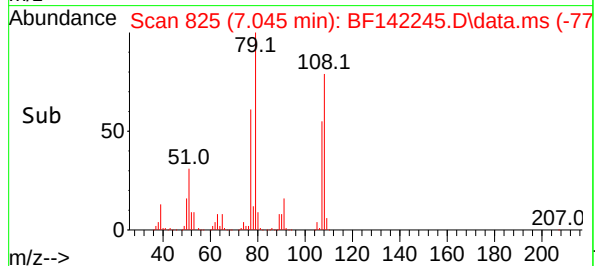
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 60987
Ion Ratio Lower Upper
79 100
108 79.3 64.5 96.7
77 61.4 49.2 73.8

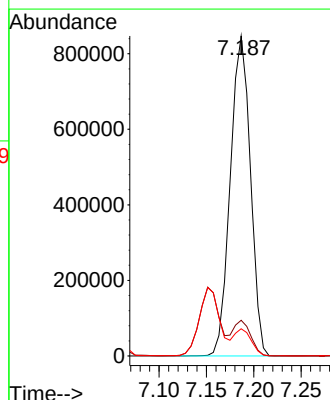
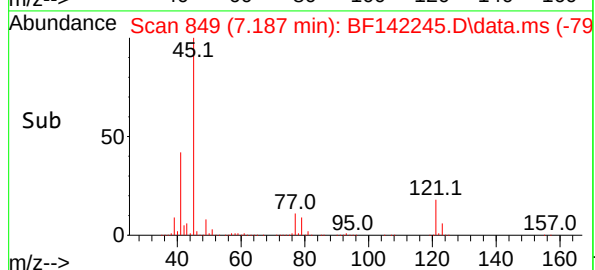
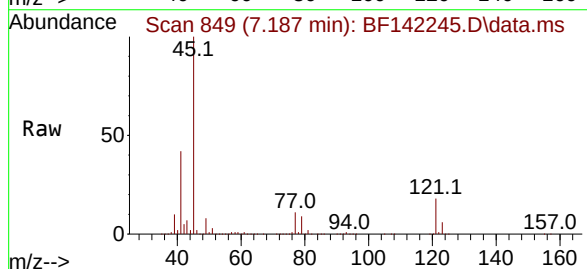
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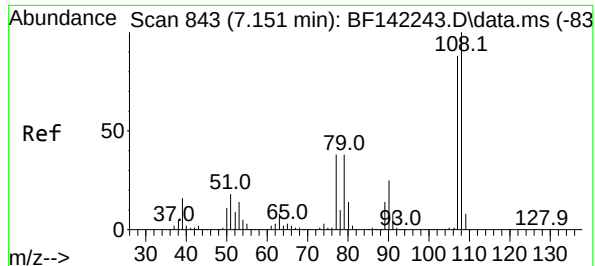
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.370 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

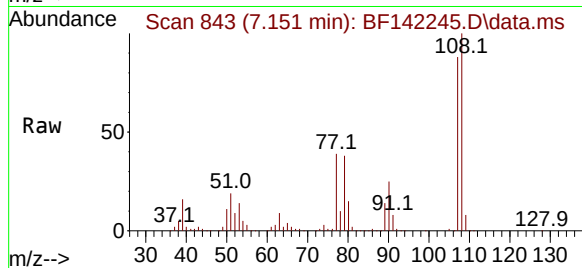
Tgt Ion: 45 Resp: 1249716
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.3
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 59.438 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

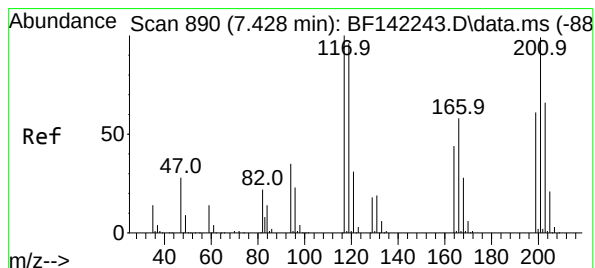
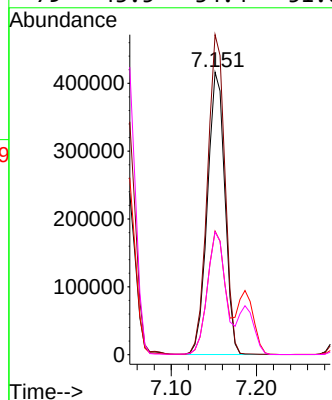
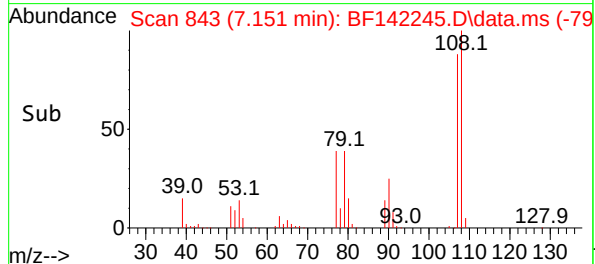
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 59217
Ion Ratio Lower Upper
107 100
108 113.3 91.0 136.4
77 43.7 34.4 51.6
79 43.5 34.4 51.6

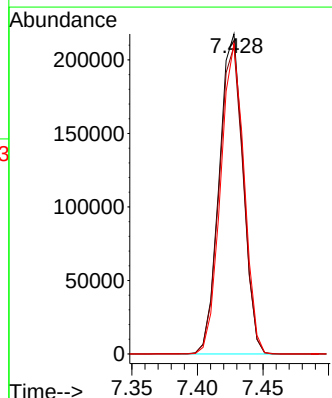
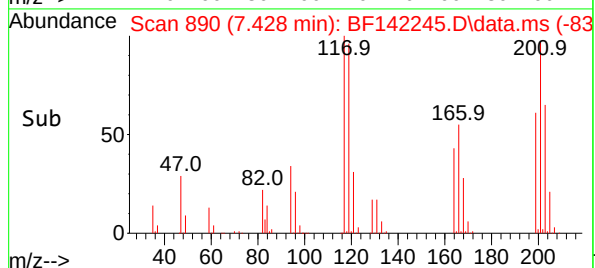
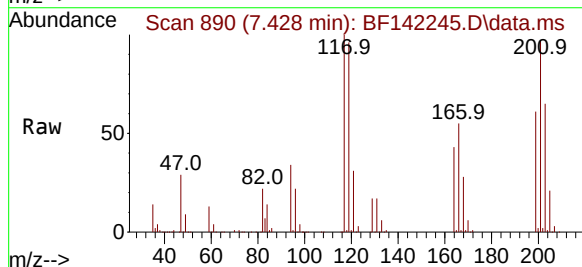
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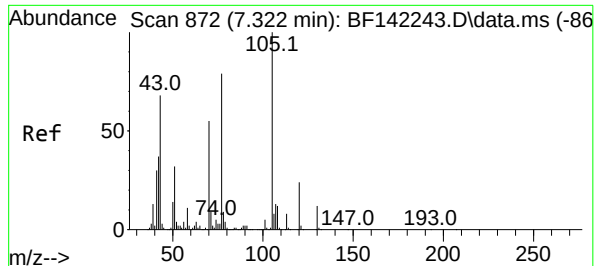
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 60.761 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:117 Resp: 275661
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 97.0 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 57.660 ng

RT: 7.328 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 506389

Ion Ratio Lower Upper

70 100

42 66.9 53.4 80.2

101 10.0 7.7 11.5

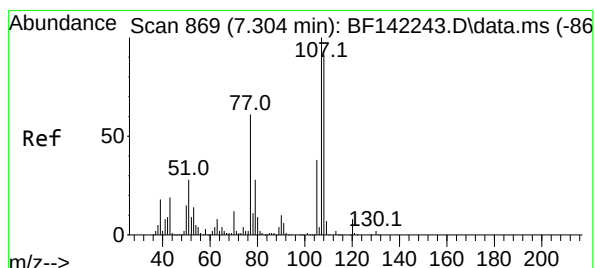
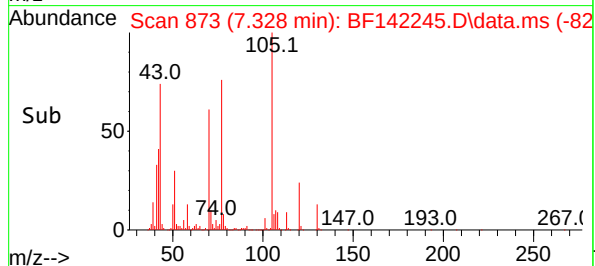
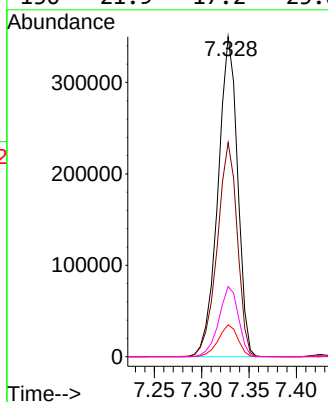
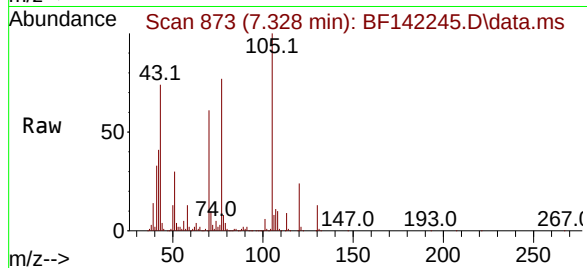
130 21.9 17.2 25.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 58.670 ng

RT: 7.310 min Scan# 870

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Tgt Ion:107 Resp: 730966

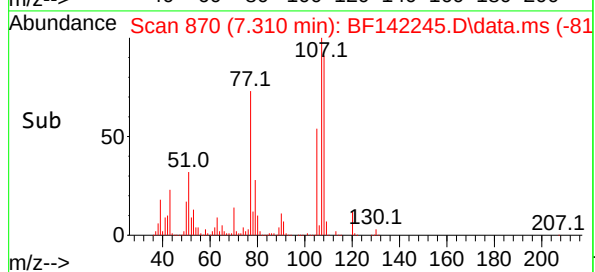
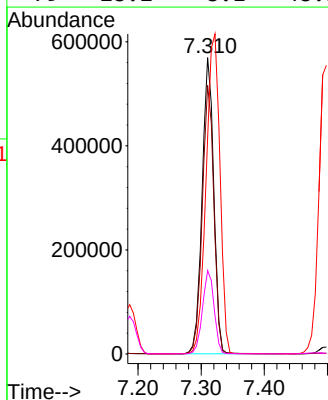
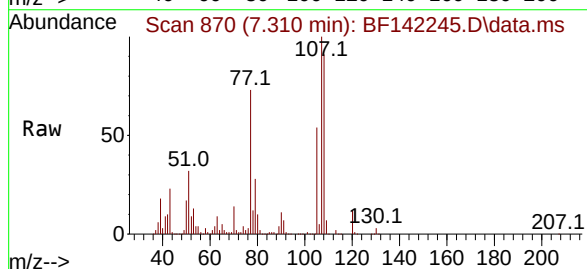
Ion Ratio Lower Upper

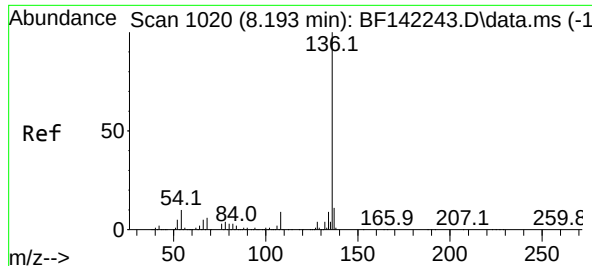
107 100

108 90.6 71.2 111.2

77 73.0 41.1 81.1

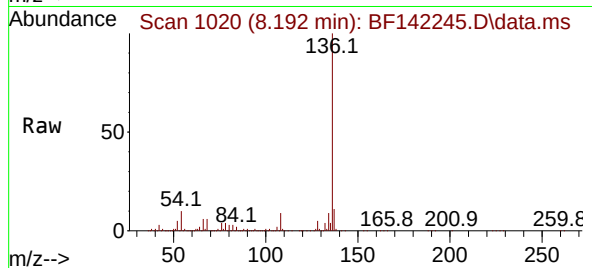
79 28.2 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

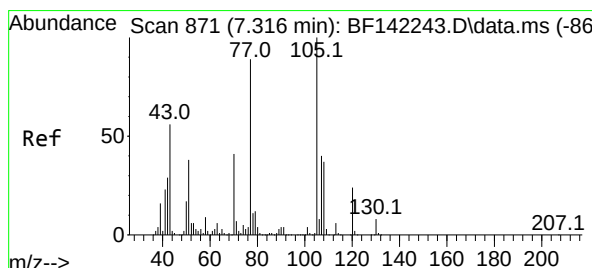
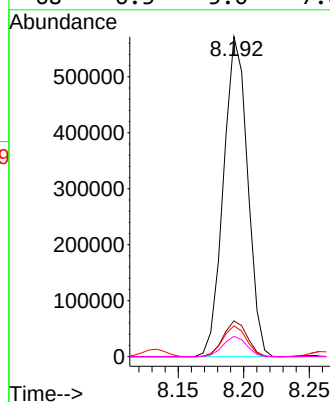
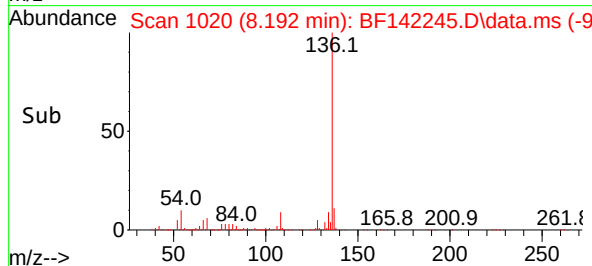
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



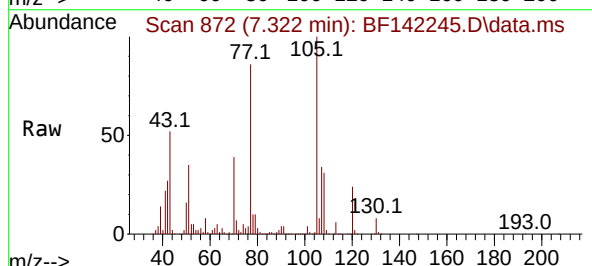
Tgt Ion:136 Resp: 73076
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6

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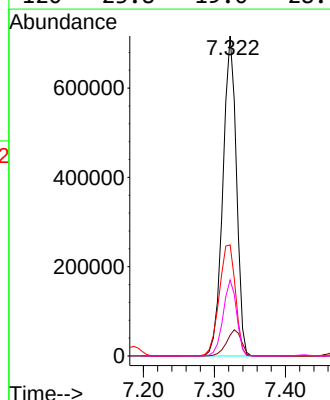
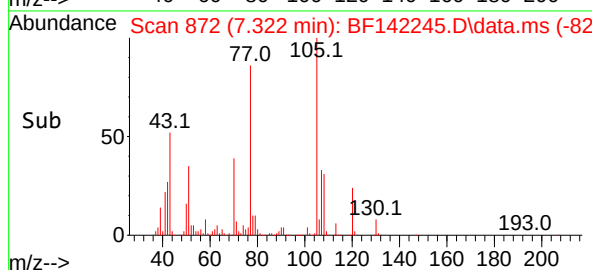
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

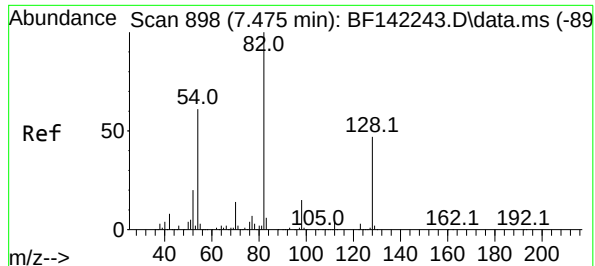


#22
Acetophenone
Concen: 55.792 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:105 Resp: 943225
Ion Ratio Lower Upper
105 100
71 6.5 5.7 8.5
51 34.7 30.1 45.1
120 23.8 19.0 28.4





#23

Nitrobenzene-d5

Concen: 133.783 ng

RT: 7.475 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 148810

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

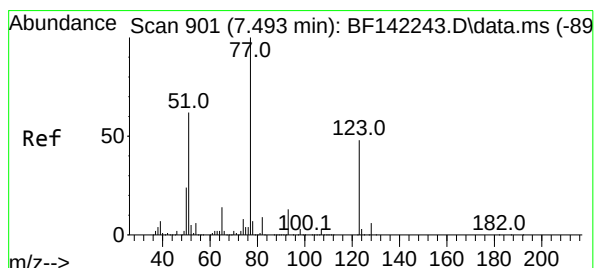
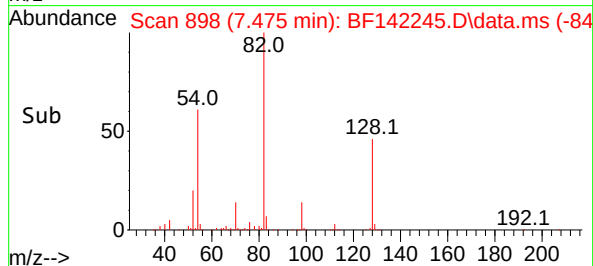
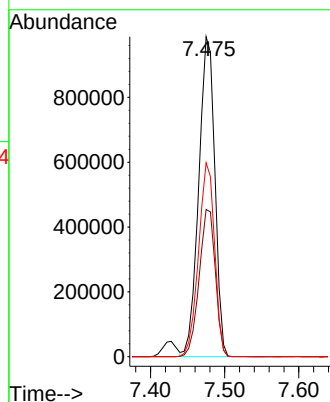
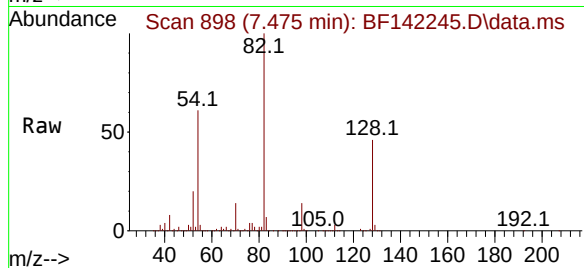
54 60.6 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 64.948 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

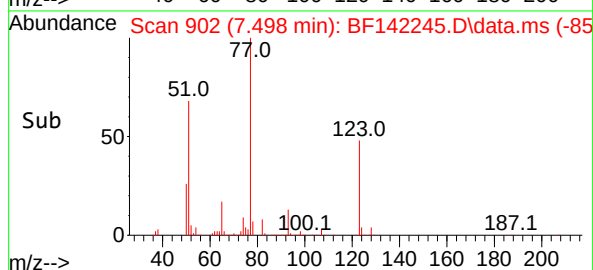
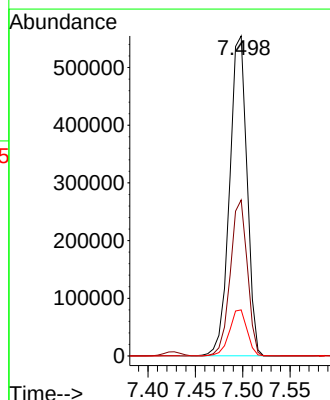
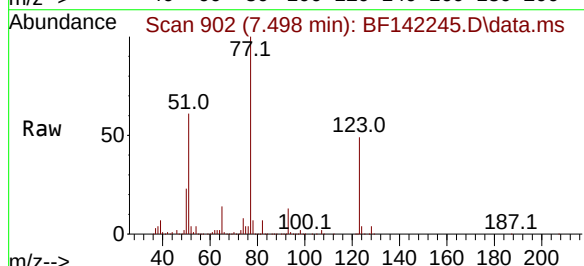
Tgt Ion: 77 Resp: 708847

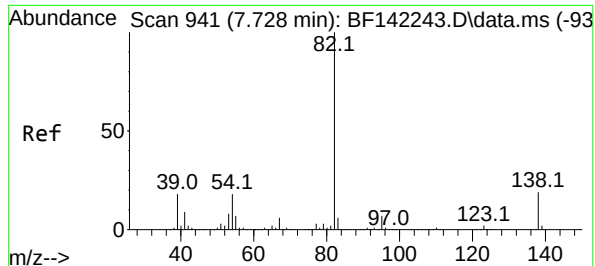
Ion Ratio Lower Upper

77 100

123 48.8 38.6 58.0

65 14.4 11.5 17.3





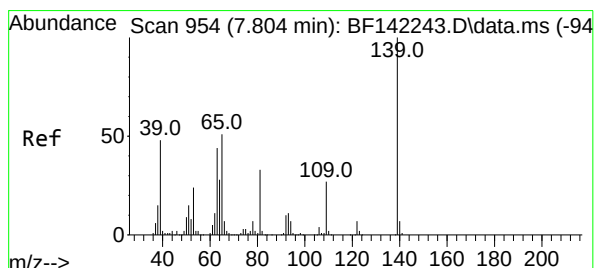
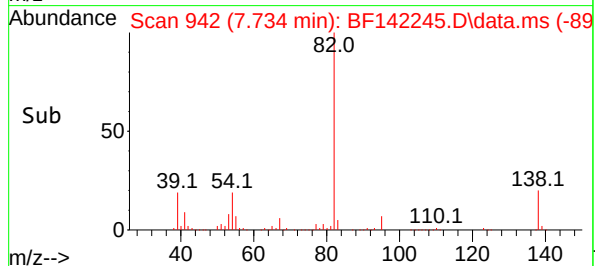
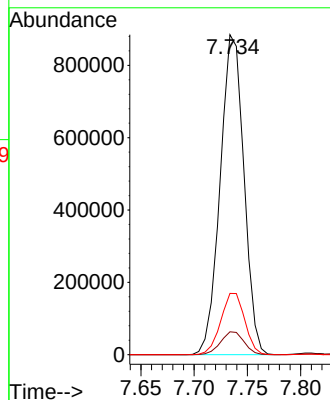
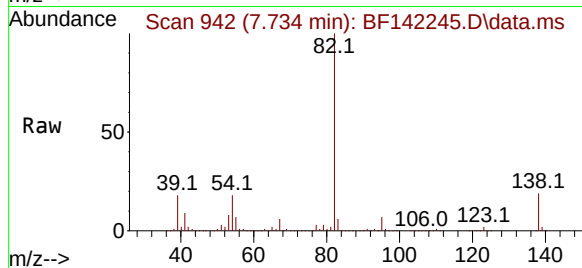
#25
Isophorone
Concen: 58.764 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1371824
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.2 15.3 22.9

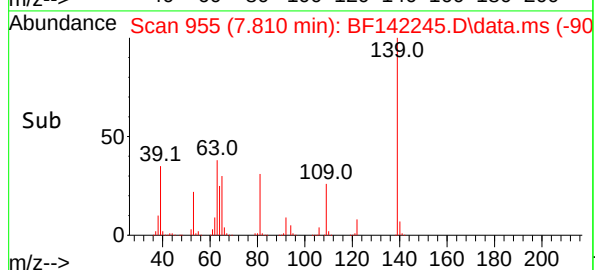
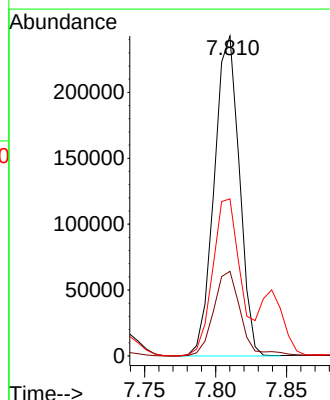
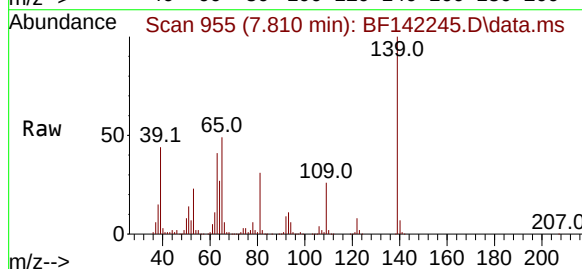
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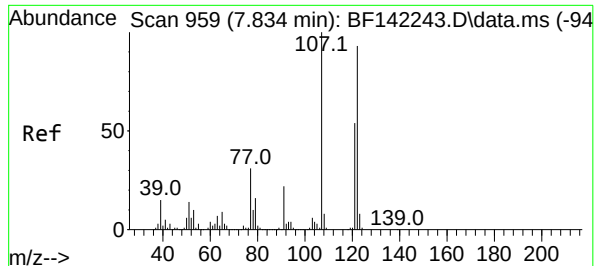
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 61.132 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:139 Resp: 299107
Ion Ratio Lower Upper
139 100
109 26.5 21.8 32.8
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 58.731 ng

RT: 7.840 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 691268

Ion Ratio Lower Upper

122 100

107 107.8 86.0 129.0

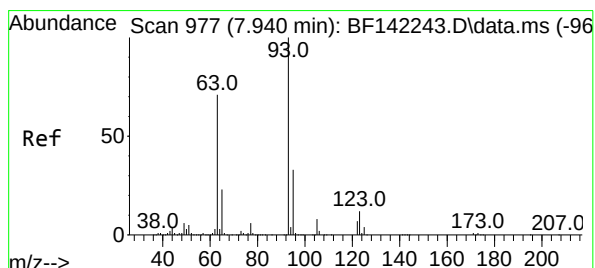
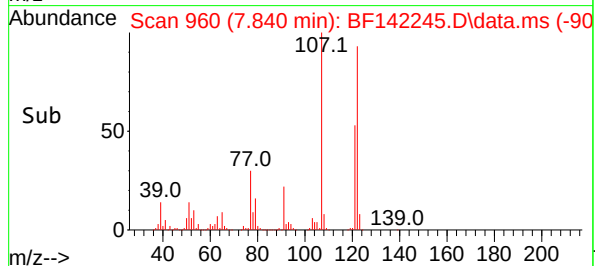
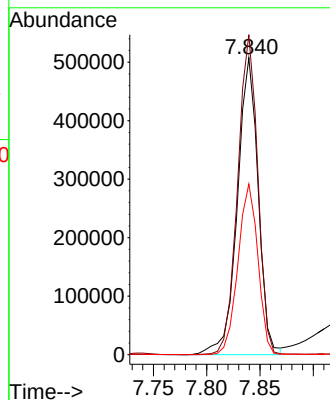
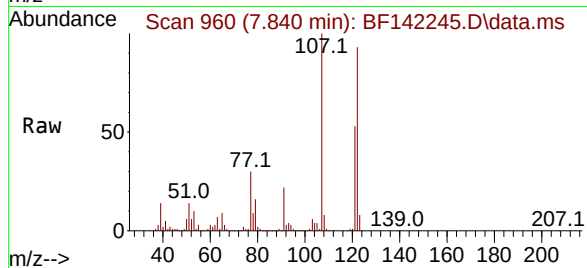
121 57.5 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.543 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

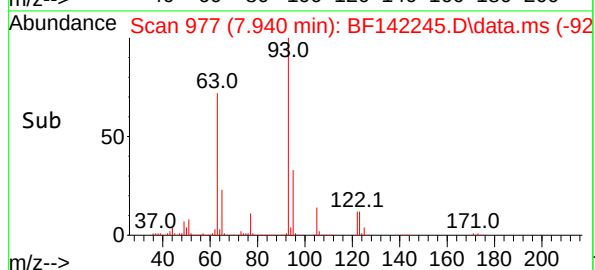
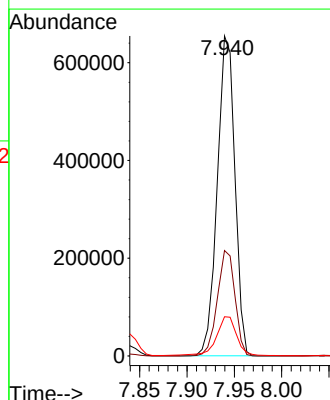
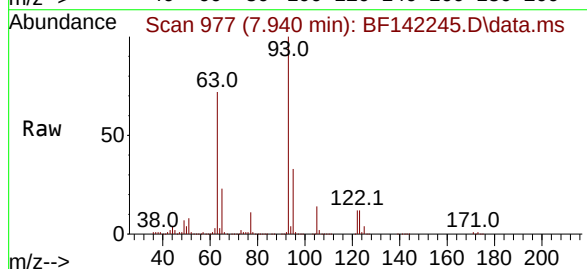
Tgt Ion: 93 Resp: 847188

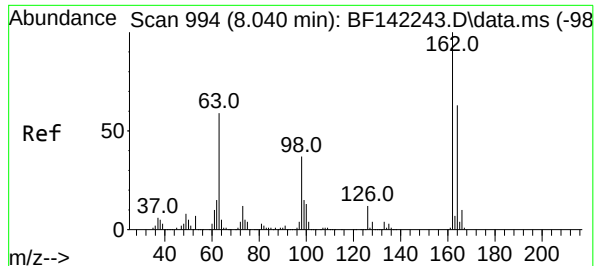
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 60.658 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 596890

Ion Ratio Lower Upper

162 100

164 64.4 43.0 83.0

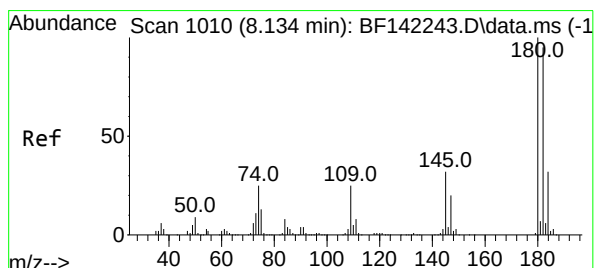
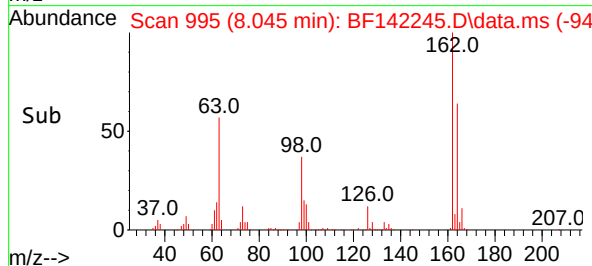
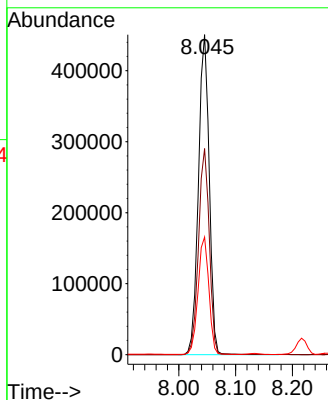
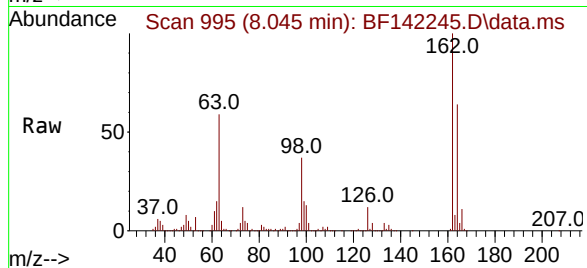
98 36.7 16.7 56.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 57.256 ng

RT: 8.134 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

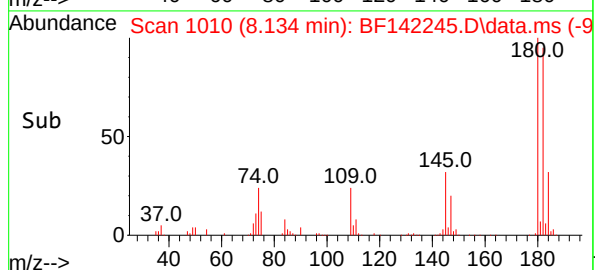
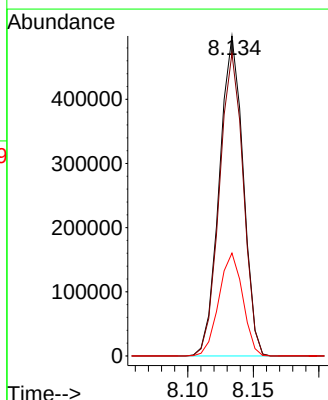
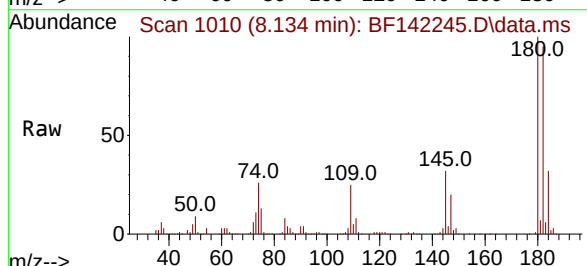
Tgt Ion:180 Resp: 628720

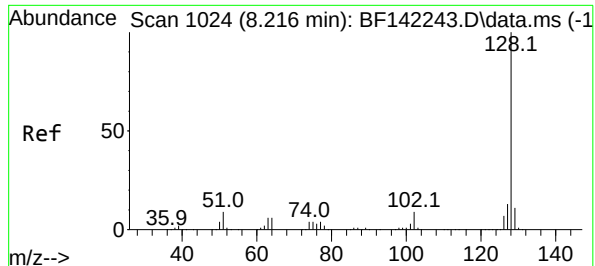
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 32.1 25.4 38.0





#31

Naphthalene

Concen: 55.603 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 2026390

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

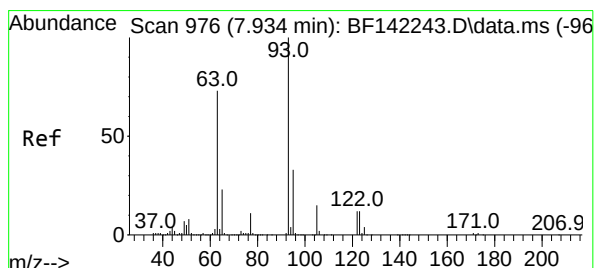
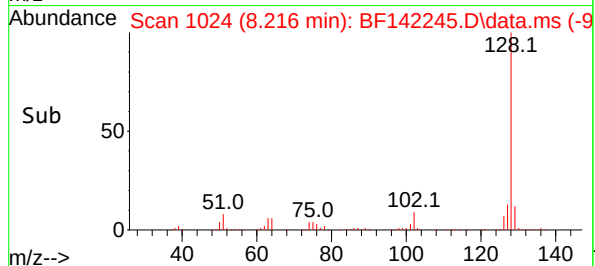
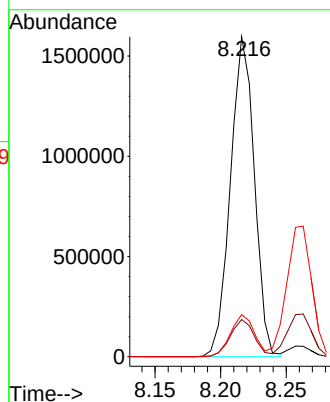
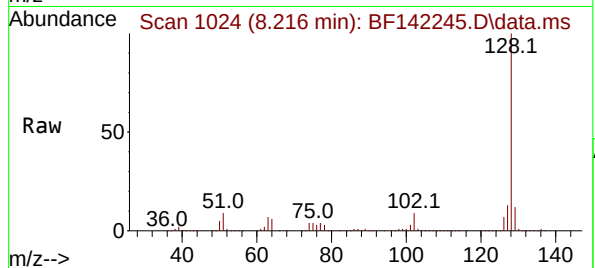
127 13.2 10.6 15.8

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#32

Benzoic acid

Concen: 59.198 ng

RT: 7.951 min Scan# 979

Delta R.T. 0.017 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

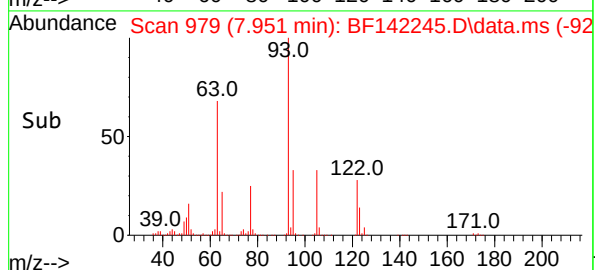
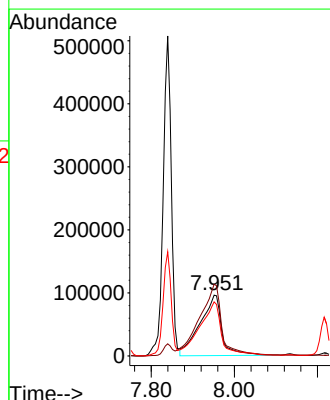
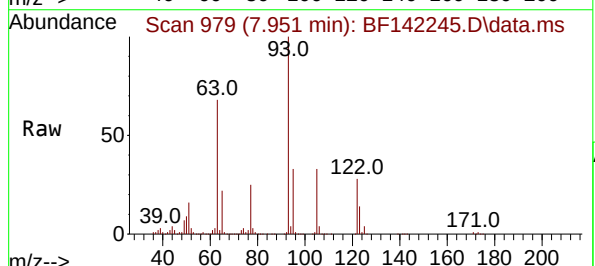
Tgt Ion:122 Resp: 349577

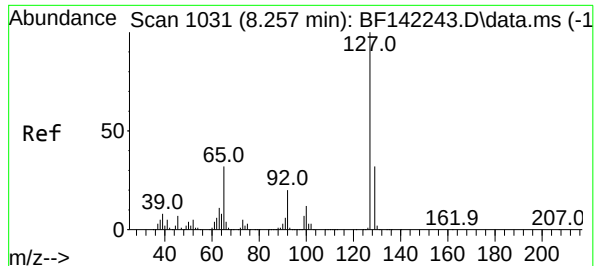
Ion Ratio Lower Upper

122 100

105 118.0 98.2 138.2

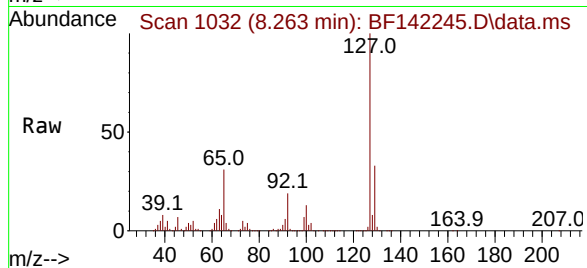
77 88.8 66.8 106.8





#33
4-Chloroaniline
Concen: 57.207 ng
RT: 8.263 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

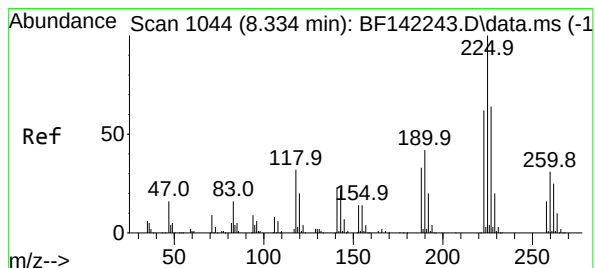
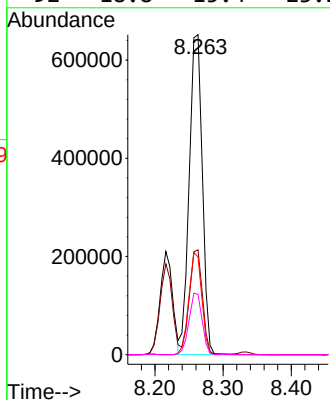
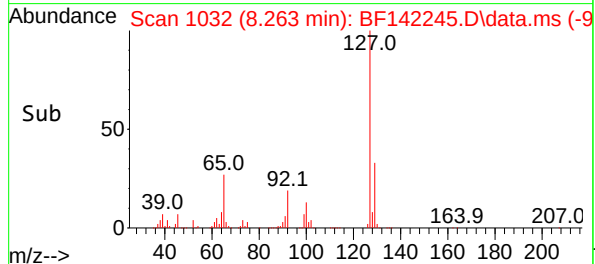
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 86815
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 30.5 25.5 38.3
92 18.8 15.4 23.2

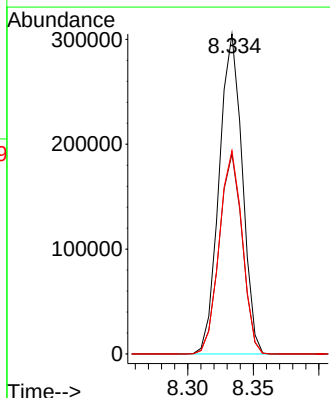
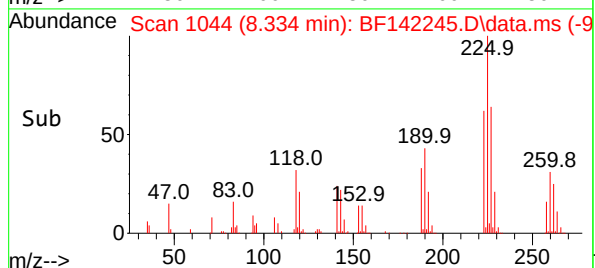
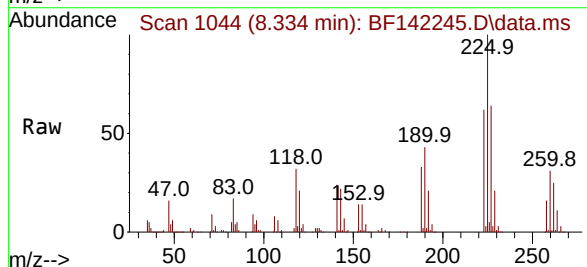
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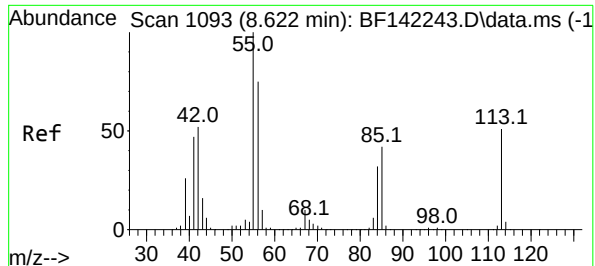
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 58.266 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

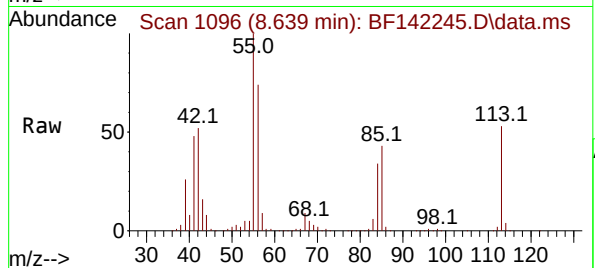
Tgt Ion:225 Resp: 373284
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 63.6 51.0 76.4





#35
Caprolactam
Concen: 62.928 ng
RT: 8.639 min Scan# 1096
Delta R.T. 0.018 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

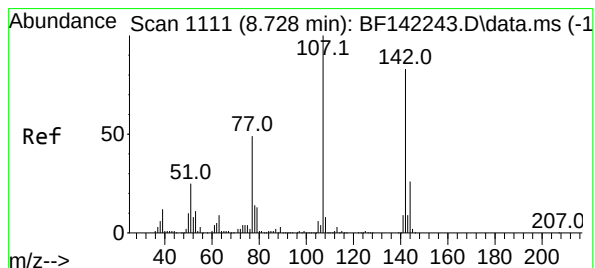
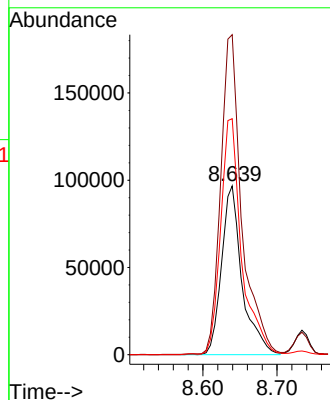
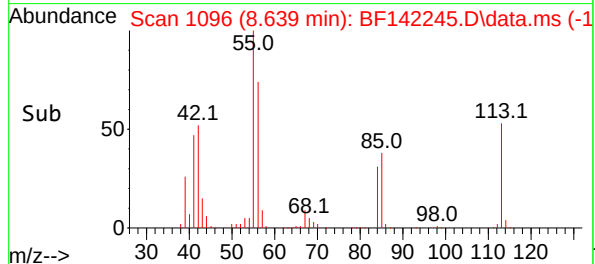
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 186124
Ion Ratio Lower Upper
113 100
55 189.5 177.7 217.7
56 139.8 127.1 167.1

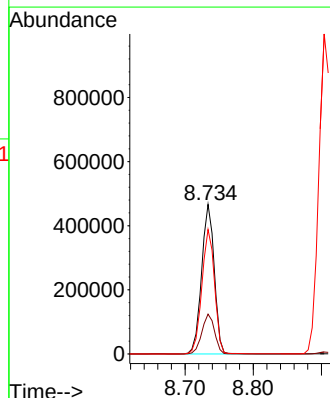
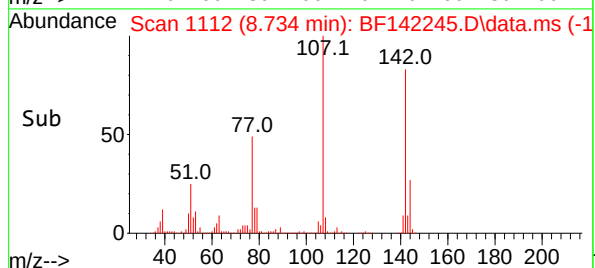
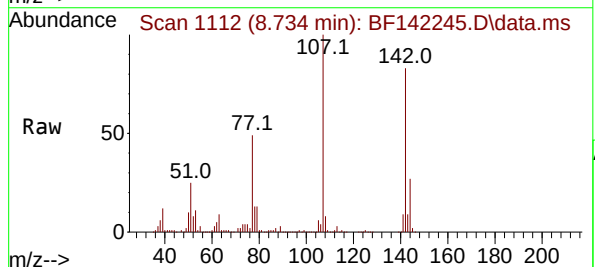
Manual Integrations
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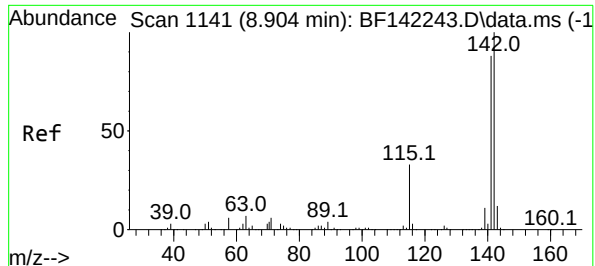
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#36
4-Chloro-3-methylphenol
Concen: 59.887 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:107 Resp: 605133
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.4
142 83.2 66.1 99.1





#37

2-Methylnaphthalene

Concen: 56.136 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 125782

Ion Ratio Lower Upper

142 100

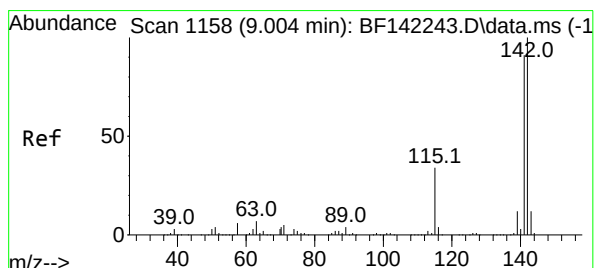
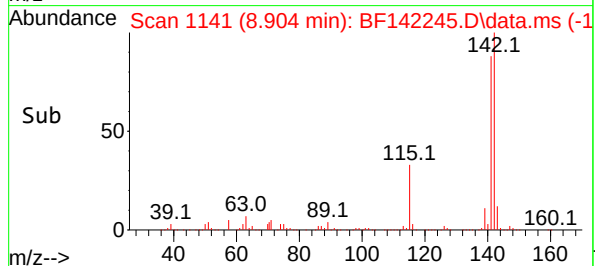
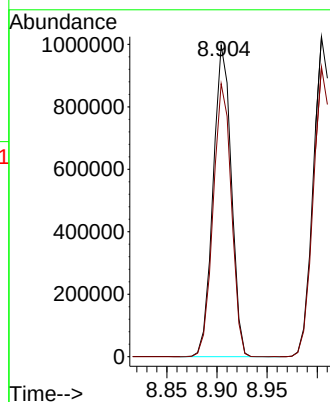
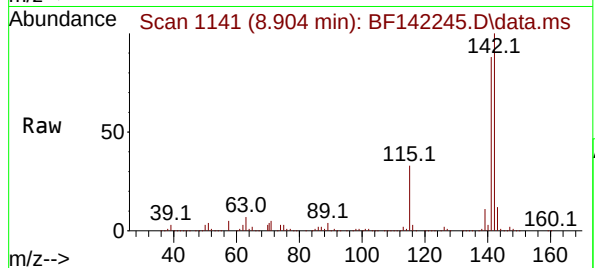
141 87.6 70.5 105.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 55.760 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142245.D

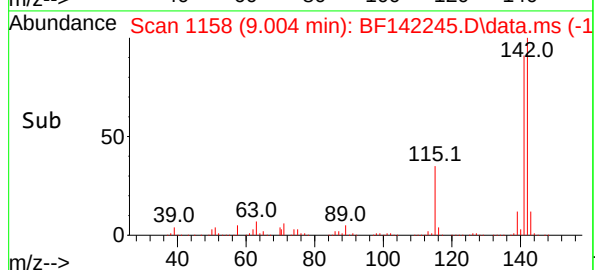
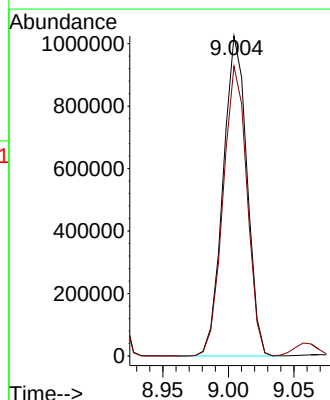
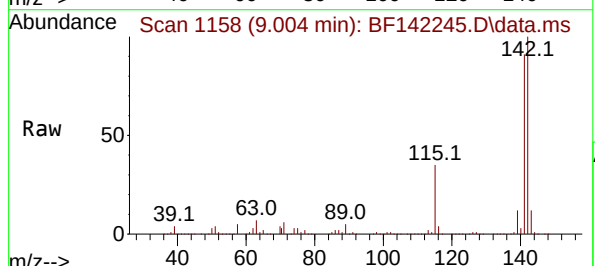
Acq: 30 Apr 2025 14:15

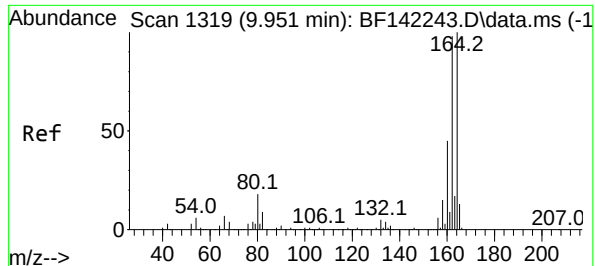
Tgt Ion:142 Resp: 1294318

Ion Ratio Lower Upper

142 100

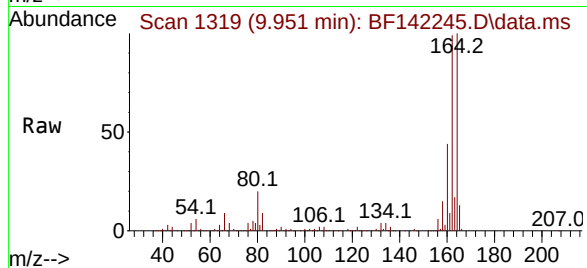
141 90.6 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

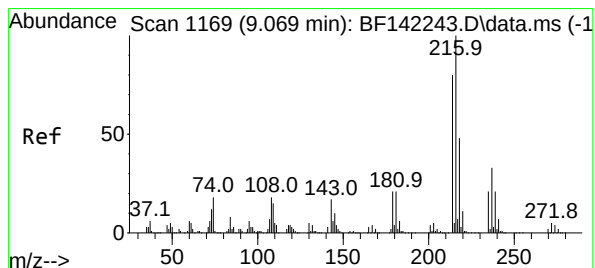
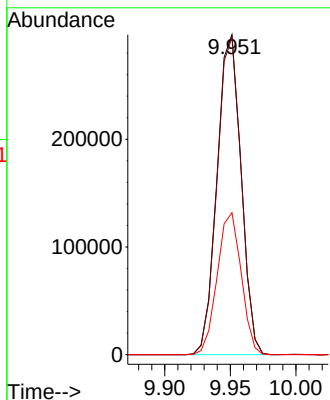
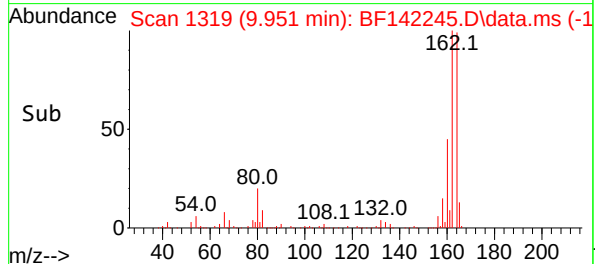
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 379270
Ion Ratio Lower Upper
164 100
162 99.2 78.6 117.8
160 44.3 35.7 53.5

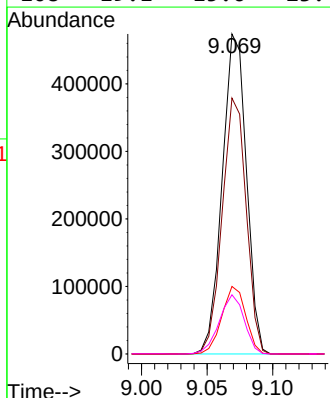
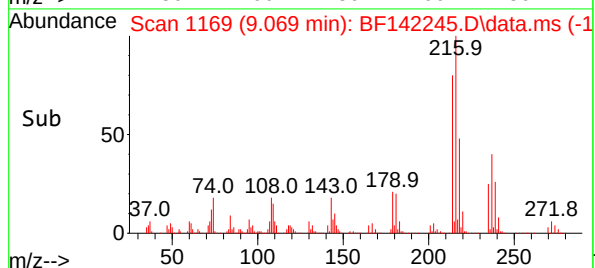
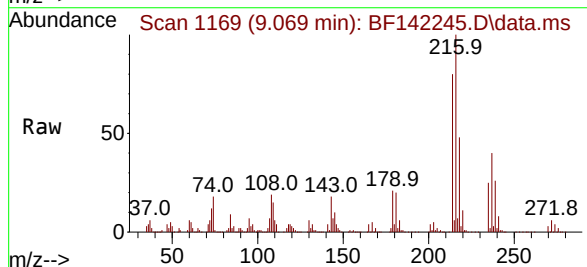
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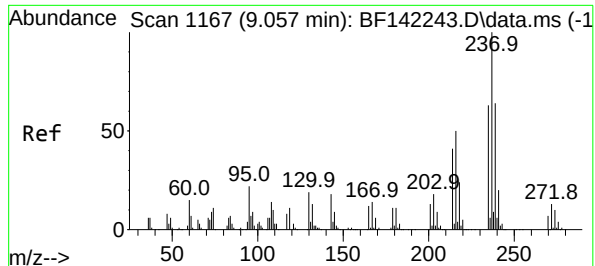
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.925 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:216 Resp: 607614
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 20.9 16.7 25.1
108 19.1 15.6 23.4





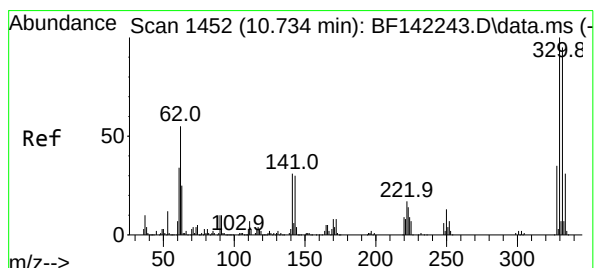
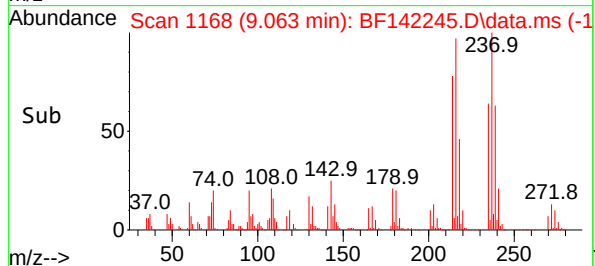
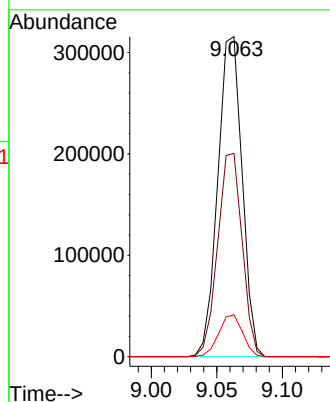
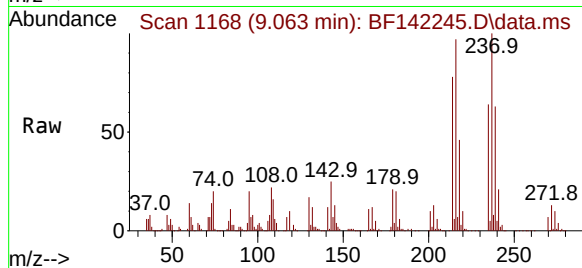
#41
Hexachlorocyclopentadiene
Concen: 67.248 ng
RT: 9.063 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 40738
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.1 0.0 32.9

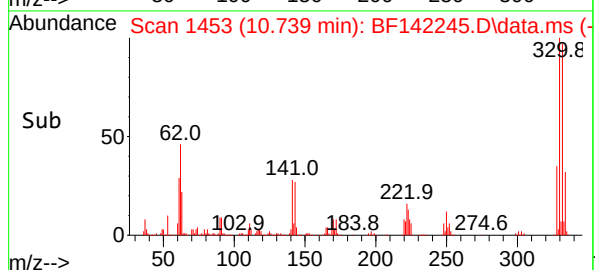
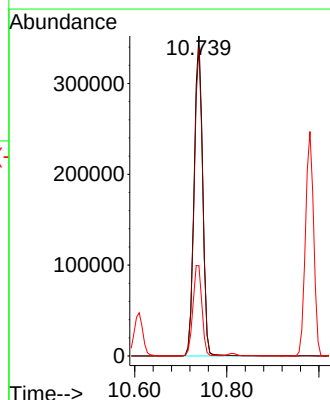
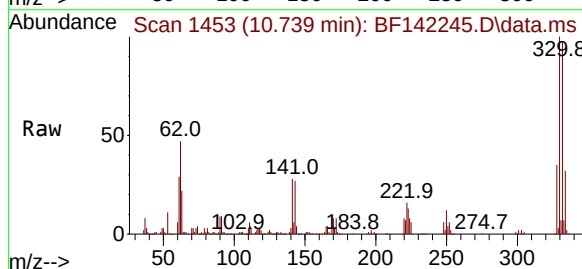
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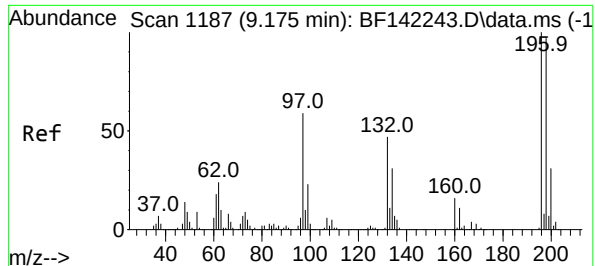
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#42
2,4,6-Tribromophenol
Concen: 129.531 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:330 Resp: 447862
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 29.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 65.514 ng

RT: 9.181 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF142245.D

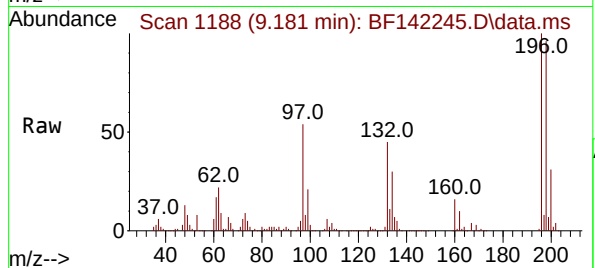
Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 43332

Ion Ratio Lower Upper

196 100

198 95.9 77.4 116.2

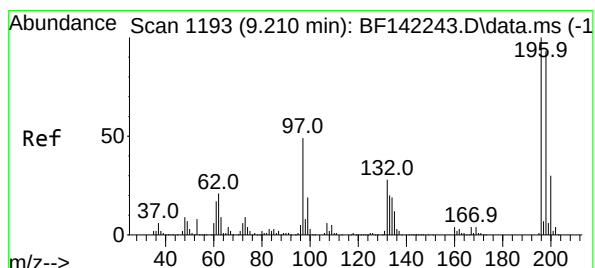
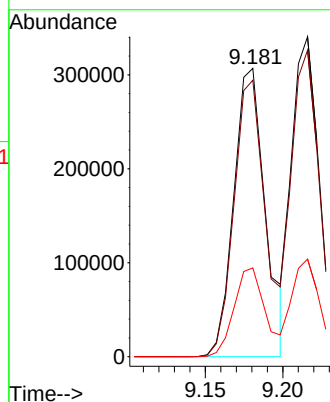
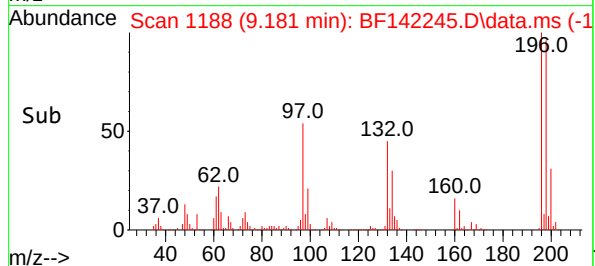
200 30.8 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

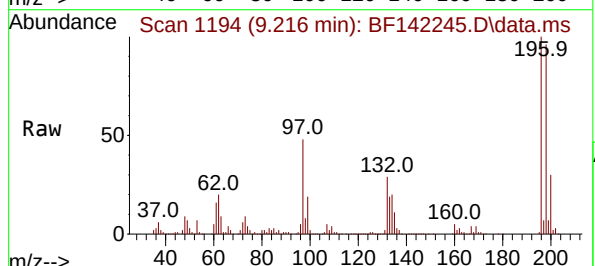
Concen: 60.705 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15



Tgt Ion:196 Resp: 422145

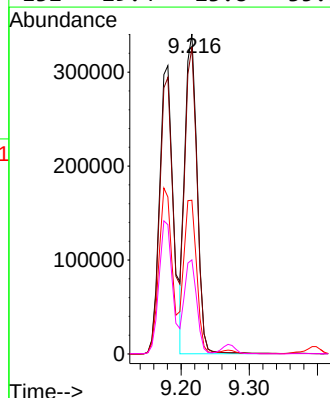
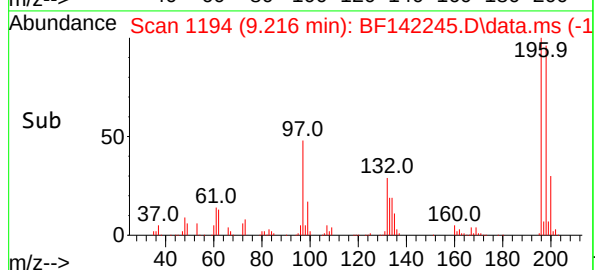
Ion Ratio Lower Upper

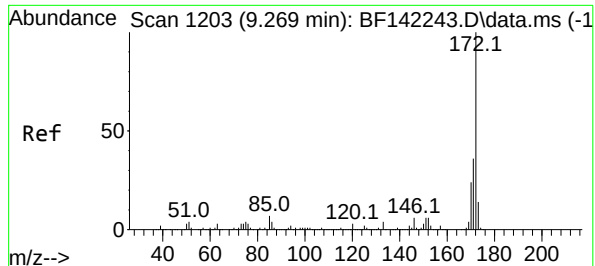
196 100

198 95.8 75.2 112.8

97 48.1 39.8 59.8

132 29.4 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 103.255 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 277748

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

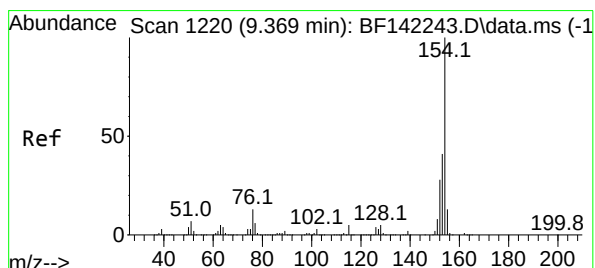
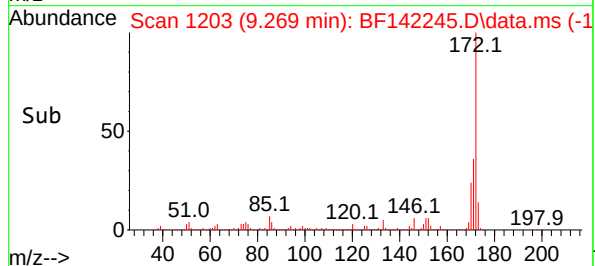
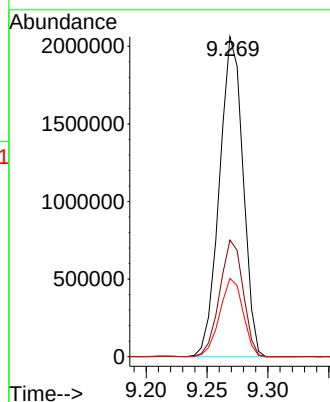
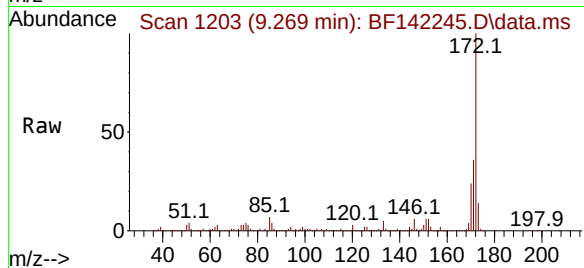
170 24.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#46

1,1'-Biphenyl

Concen: 55.372 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

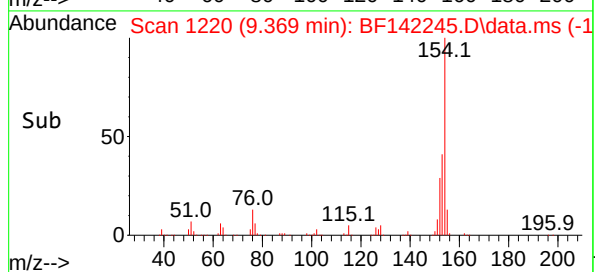
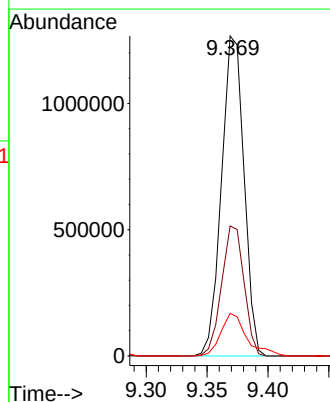
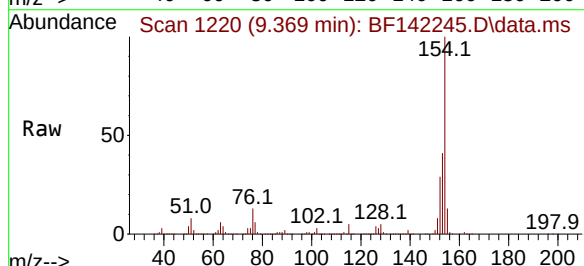
Tgt Ion:154 Resp: 1632628

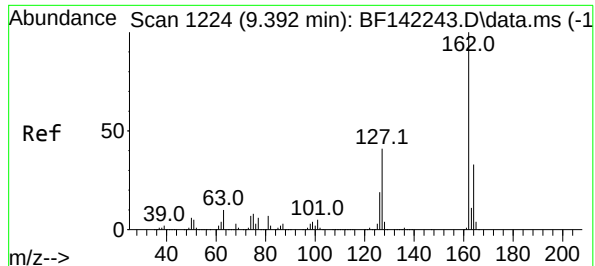
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 13.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 56.283 ng

RT: 9.398 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1234670

Ion Ratio Lower Upper

162 100

127 41.6 32.6 49.0

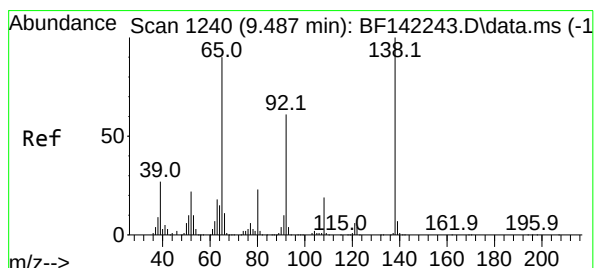
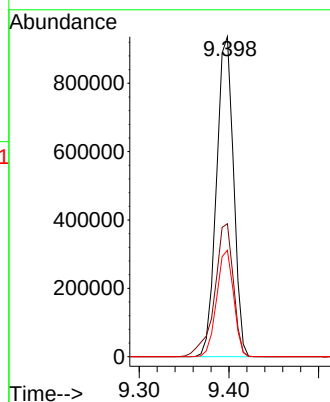
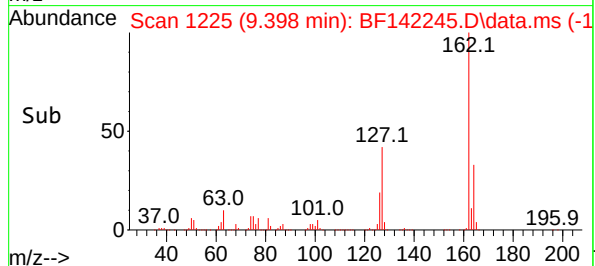
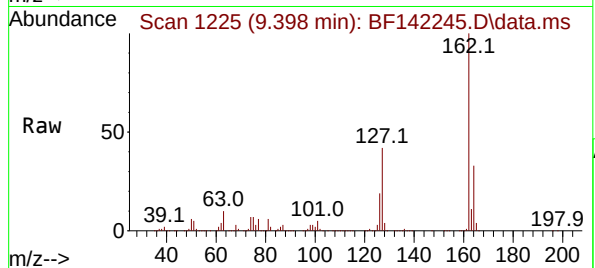
164 33.2 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 60.490 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

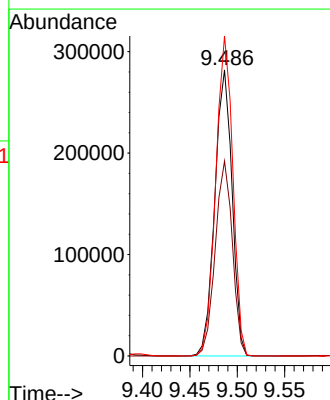
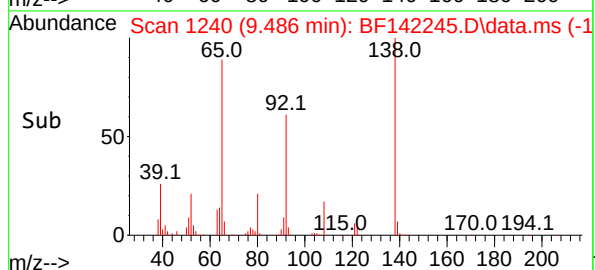
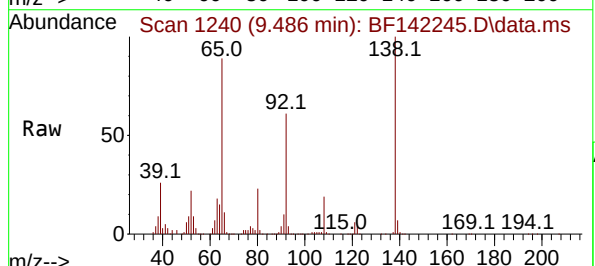
Tgt Ion: 65 Resp: 357897

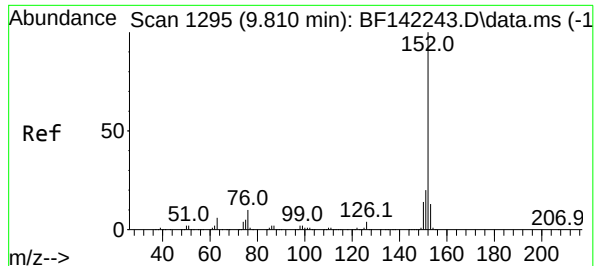
Ion Ratio Lower Upper

65 100

92 68.1 54.3 81.5

138 111.9 88.6 133.0





#49

Acenaphthylene

Concen: 56.175 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142245.D

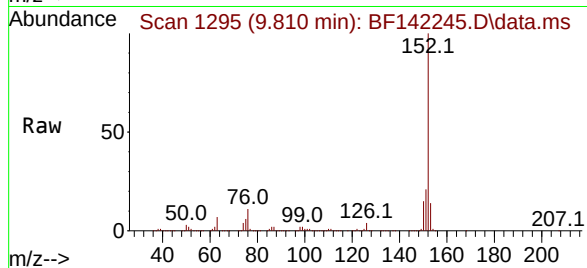
Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 207945

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

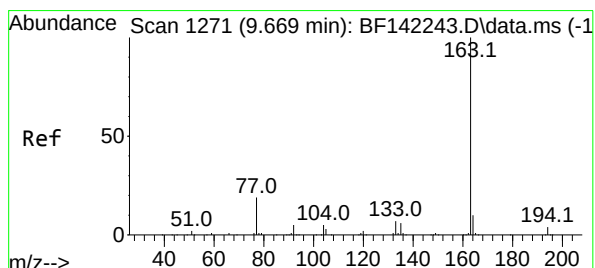
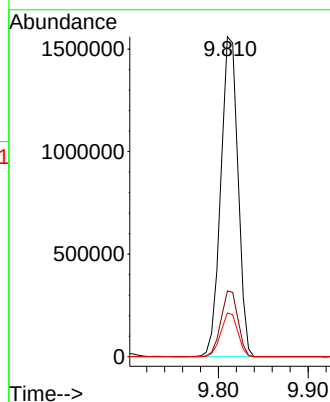
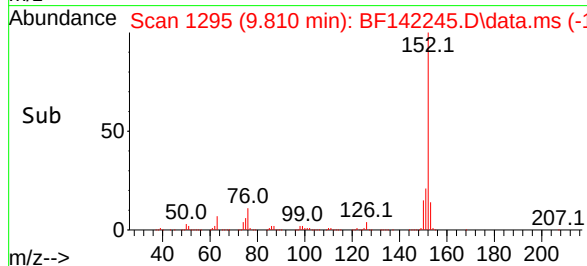
153 13.6 10.7 16.1

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

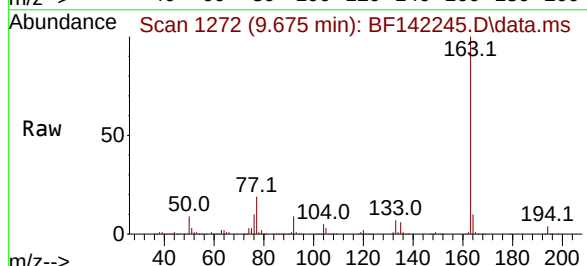
Concen: 57.529 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15



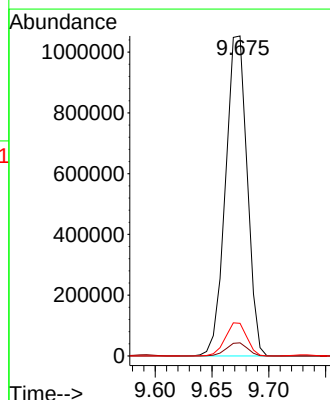
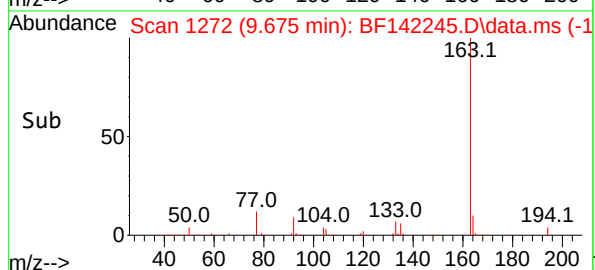
Tgt Ion:163 Resp: 1395869

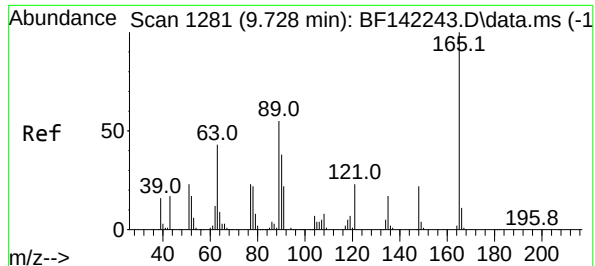
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

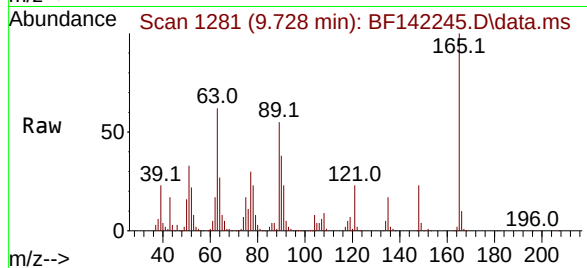
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.986 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

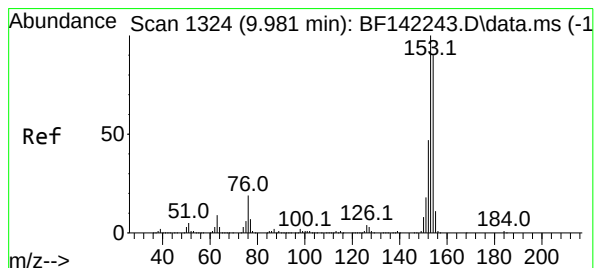
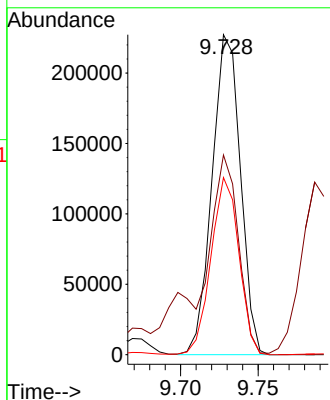
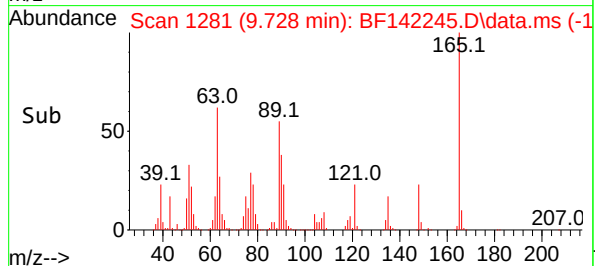
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



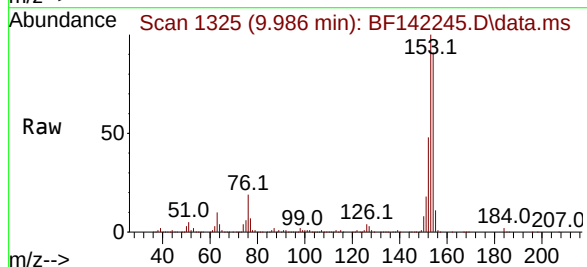
Tgt Ion:165 Resp: 28935
Ion Ratio Lower Upper
165 100
63 62.4 48.5 72.7
89 55.4 43.9 65.9

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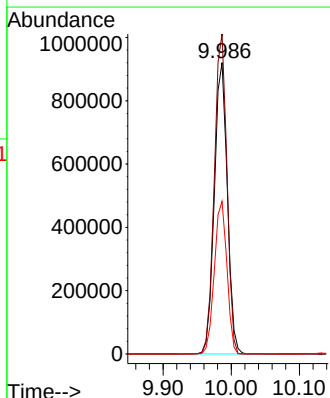
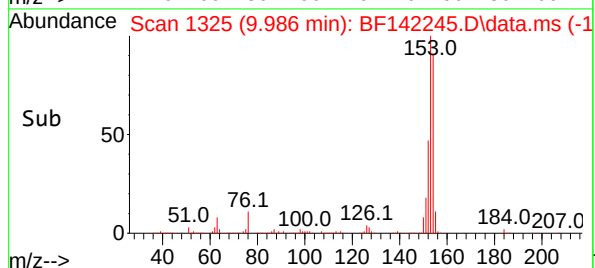
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

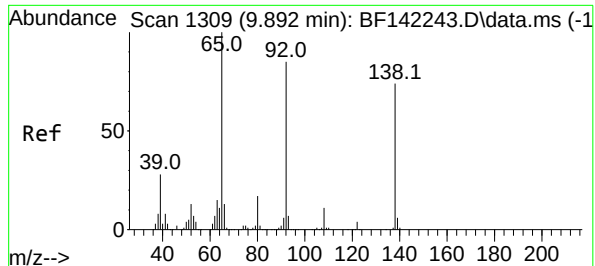


#52
Acenaphthene
Concen: 56.414 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



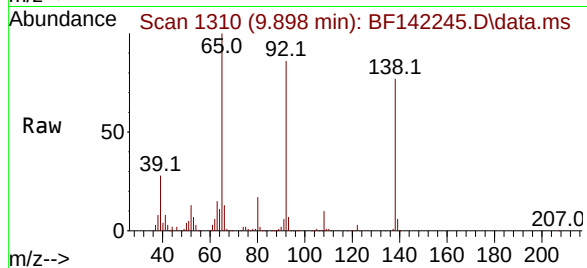
Tgt Ion:154 Resp: 1219341
Ion Ratio Lower Upper
154 100
153 109.8 88.6 133.0
152 52.4 42.1 63.1





#53
3-Nitroaniline
Concen: 61.278 ng
RT: 9.898 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

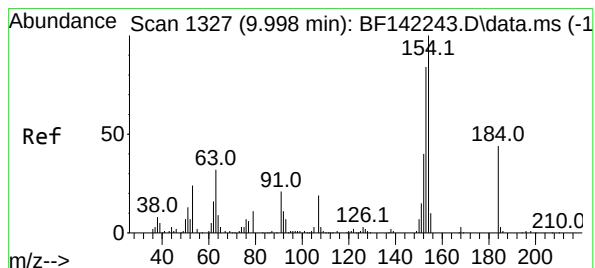
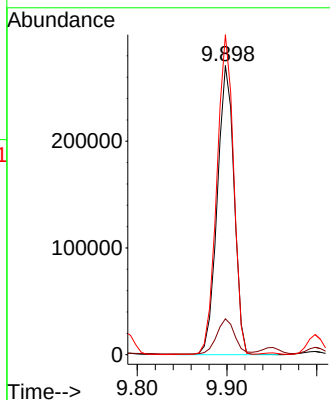
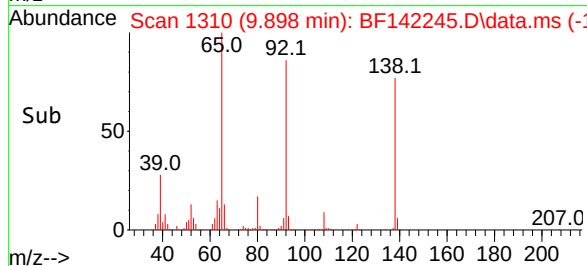
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 35227
Ion Ratio Lower Upper
138 100
108 12.4 11.7 17.5
92 110.7 91.2 136.8

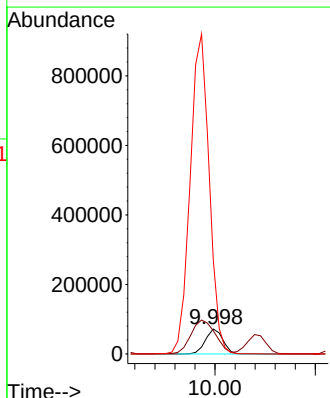
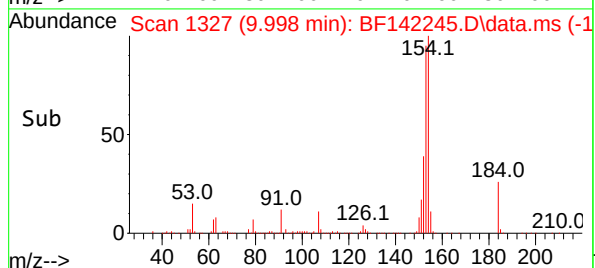
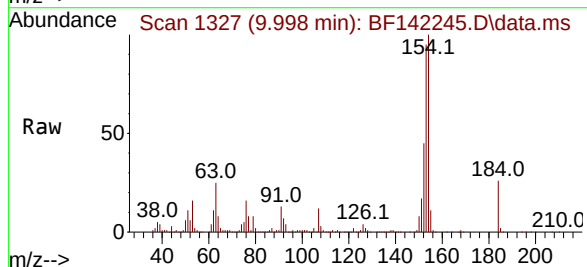
Manual Integrations
APPROVED

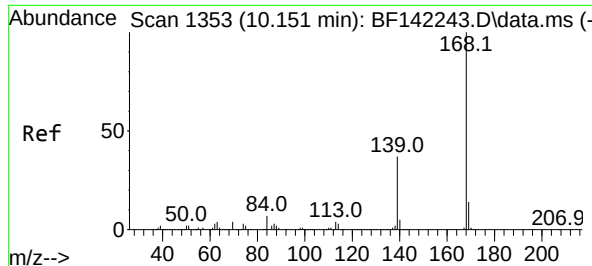
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 61.133 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:184 Resp: 86520
Ion Ratio Lower Upper
184 100
63 93.7 69.2 103.8
154 379.9 271.4 407.2





#55

Dibenzenofuran

Concen: 55.513 ng

RT: 10.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 179862

Ion Ratio Lower Upper

168 100

139 37.1 29.4 44.0

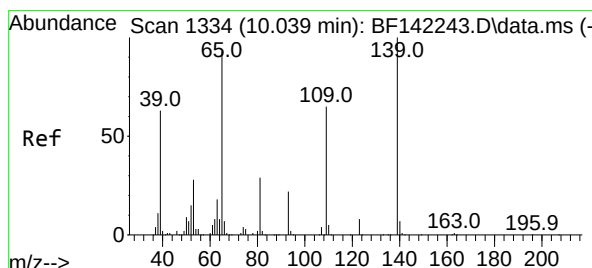
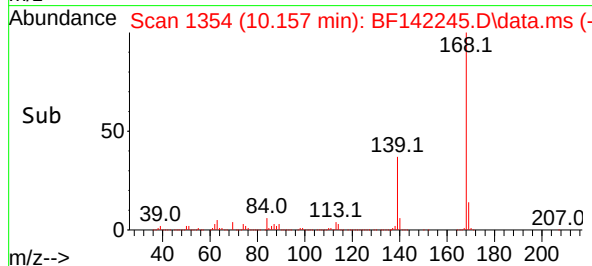
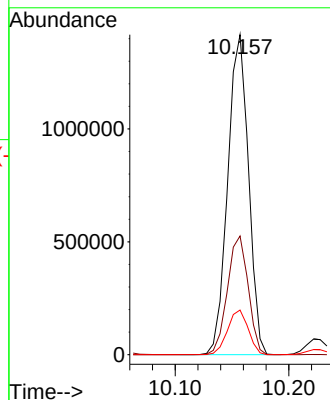
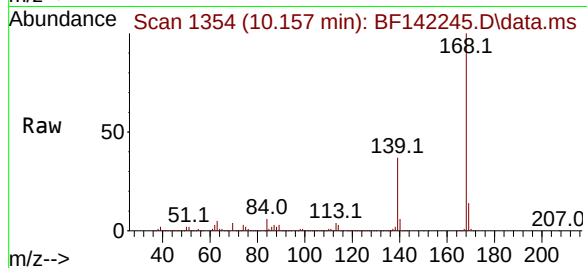
169 13.9 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 68.694 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

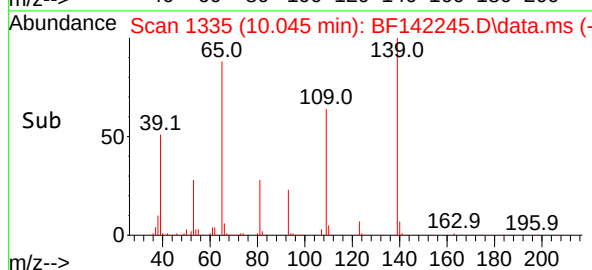
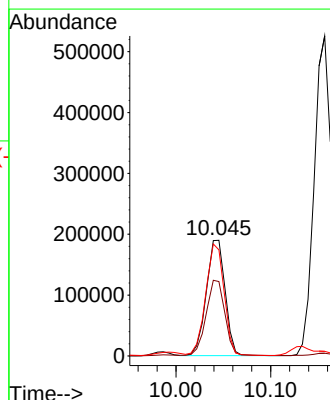
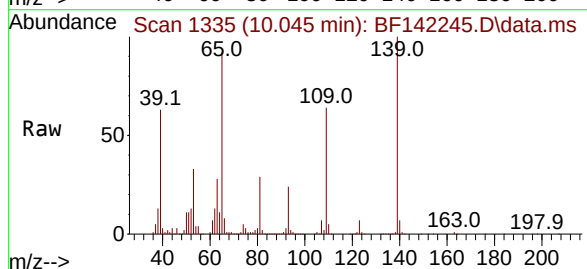
Tgt Ion:139 Resp: 261987

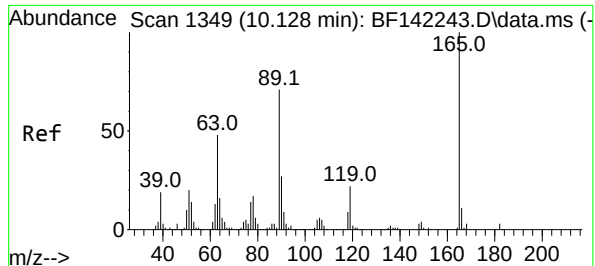
Ion Ratio Lower Upper

139 100

109 64.4 44.9 84.9

65 91.8 74.7 114.7





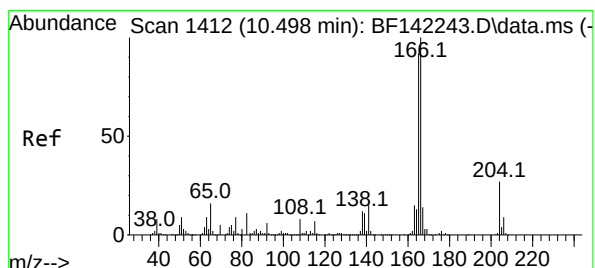
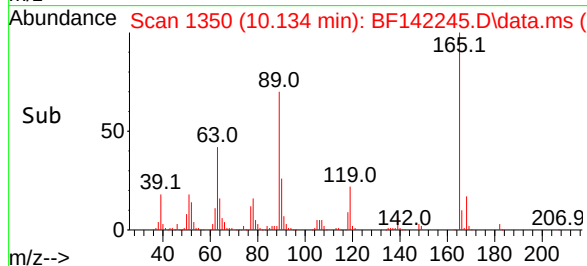
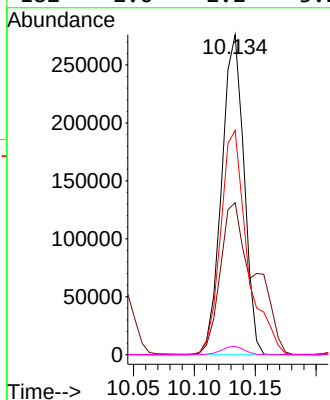
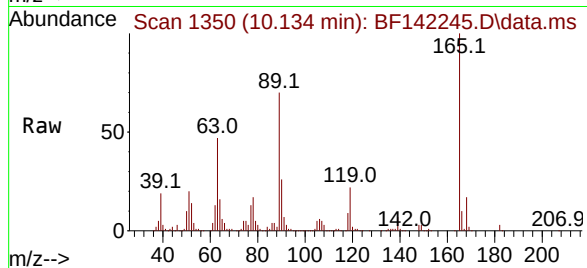
#57
2,4-Dinitrotoluene
Concen: 60.964 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 352000
Ion Ratio Lower Upper
165 100
63 47.5 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2

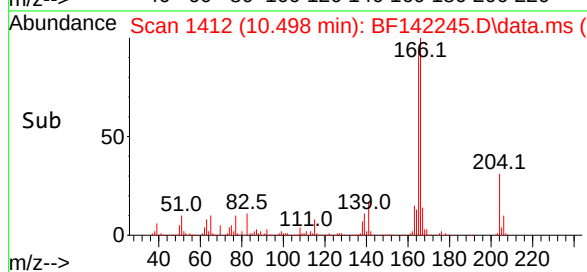
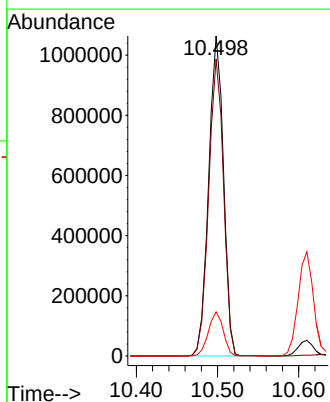
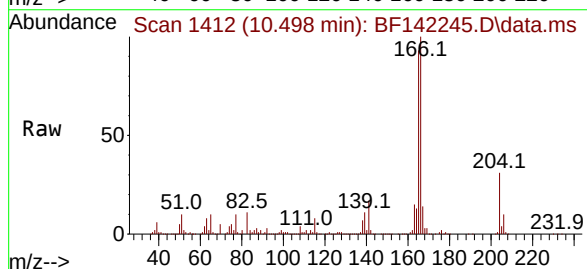
Manual Integrations
APPROVED

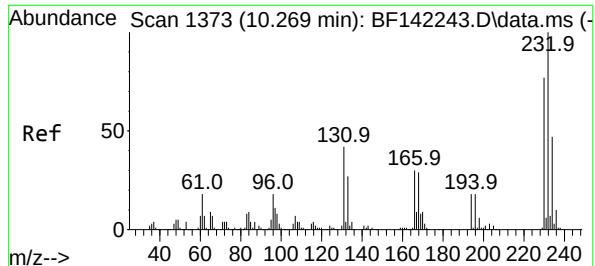
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#58
Fluorene
Concen: 54.754 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

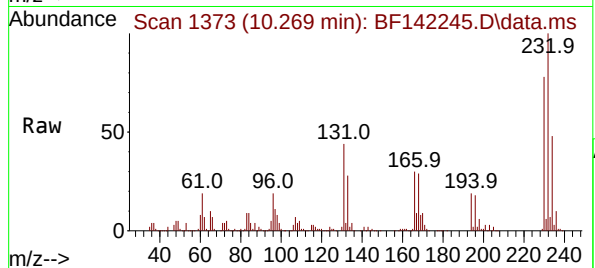
Tgt Ion:166 Resp: 1348902
Ion Ratio Lower Upper
166 100
165 92.8 73.9 110.9
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.765 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

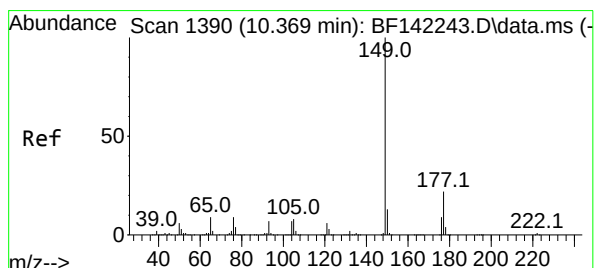
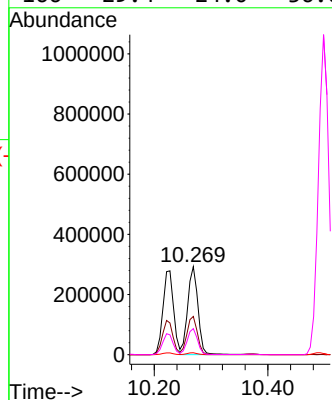
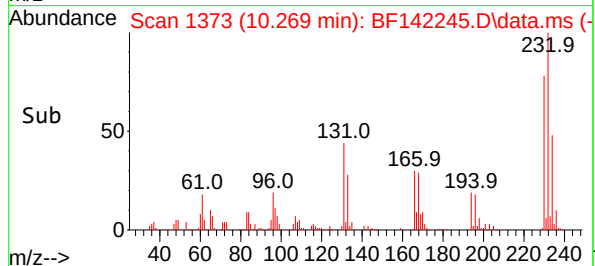
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



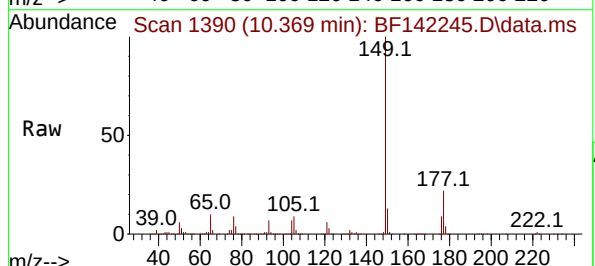
Tgt Ion:232 Resp: 367314
Ion Ratio Lower Upper
232 100
131 44.2 35.9 53.9
130 2.2 1.8 2.6
166 29.4 24.0 36.0

Manual Integrations
APPROVED

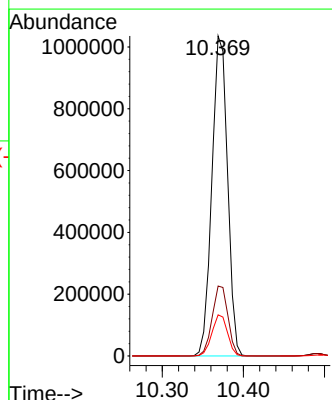
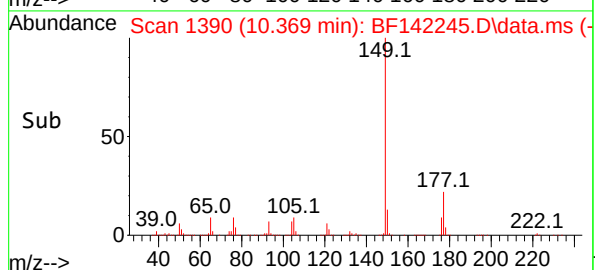
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

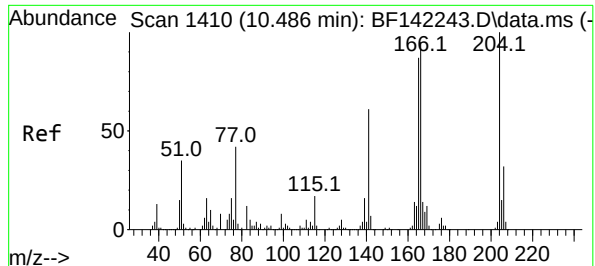


#60
Diethylphthalate
Concen: 57.717 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



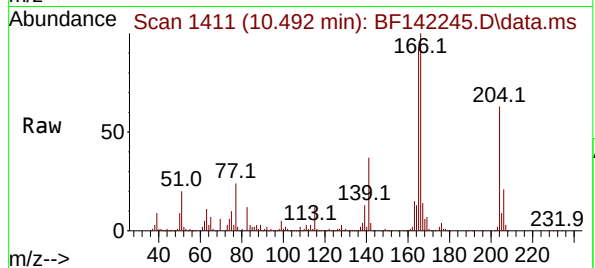
Tgt Ion:149 Resp: 1382905
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 55.466 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

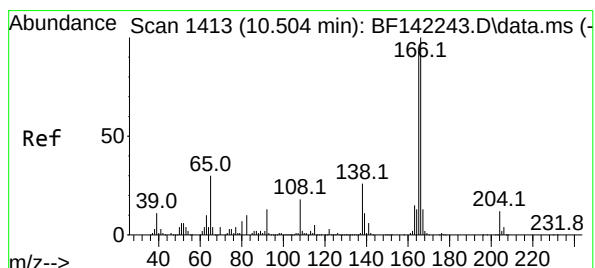
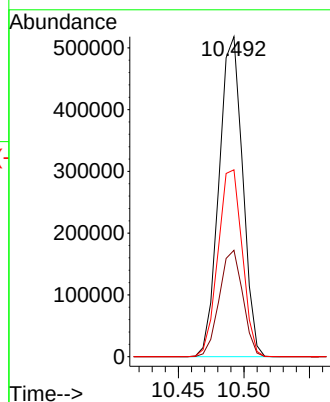
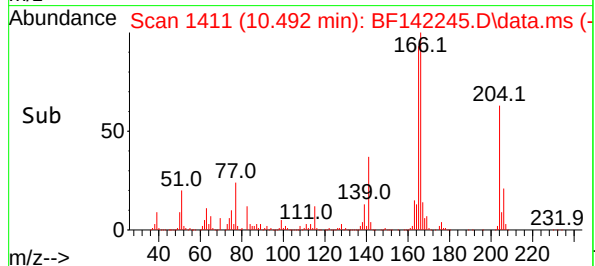
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



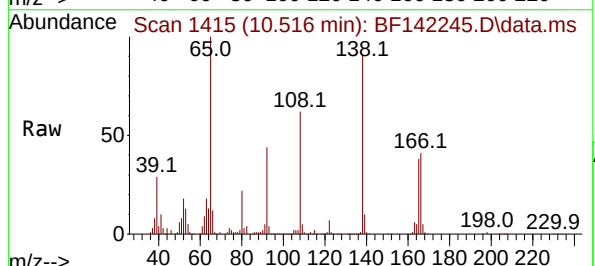
Tgt Ion:204 Resp: 648920
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 58.4 48.9 73.3

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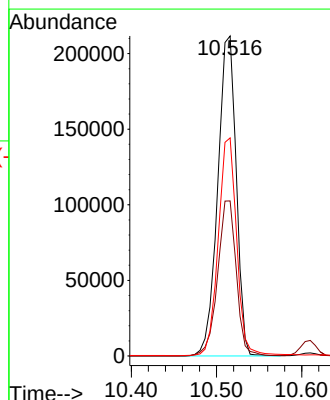
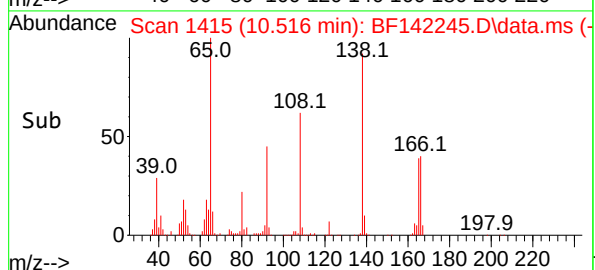
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

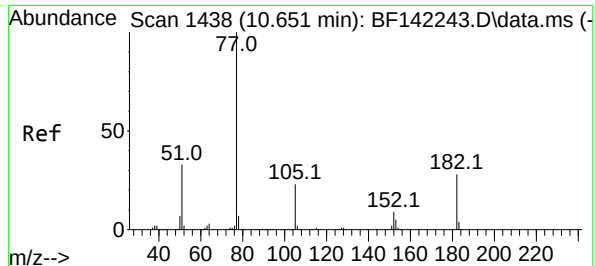


#62
4-Nitroaniline
Concen: 61.243 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



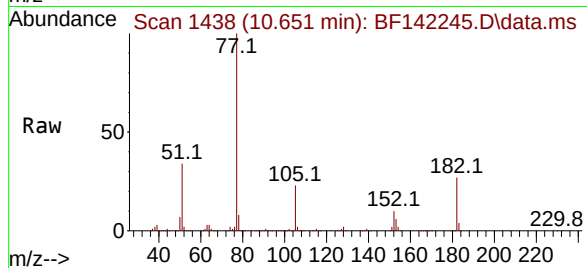
Tgt Ion:138 Resp: 319292
Ion Ratio Lower Upper
138 100
92 48.4 29.2 69.2
108 68.2 49.1 89.1





#63
Azobenzene
Concen: 57.603 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

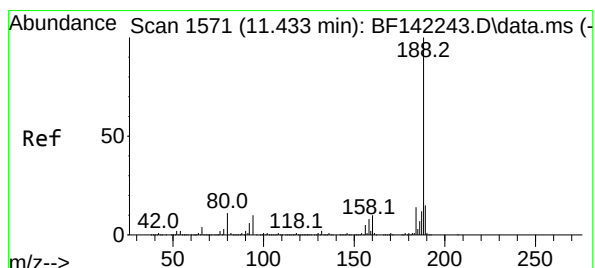
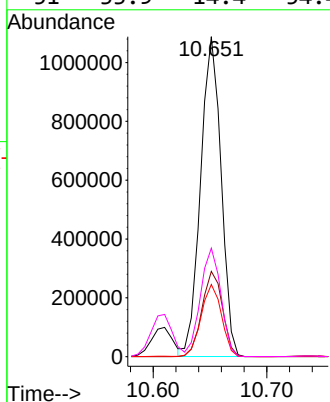
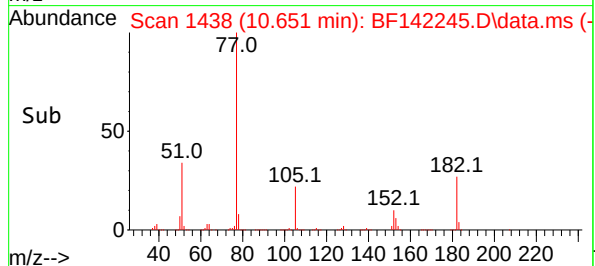
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 1362900
Ion Ratio Lower Upper
77 100
182 26.7 7.3 47.3
105 22.5 2.5 42.5
51 33.9 14.4 54.4

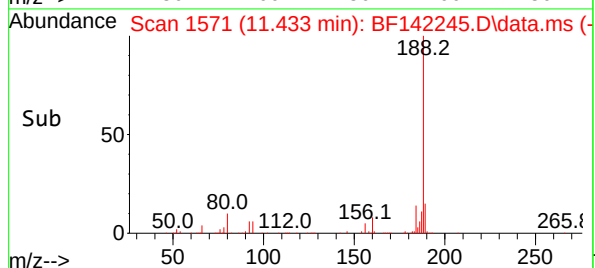
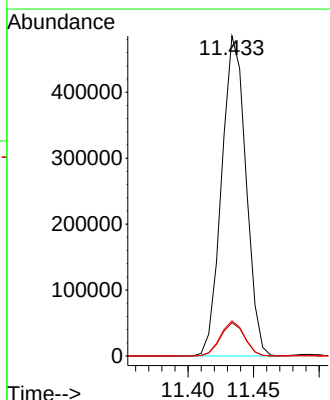
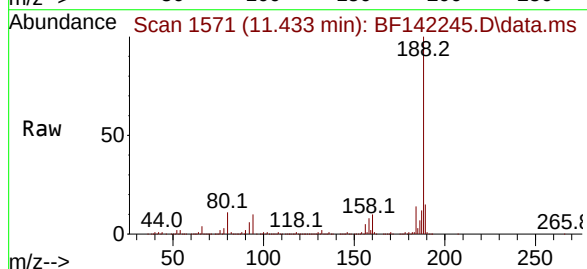
Manual Integrations
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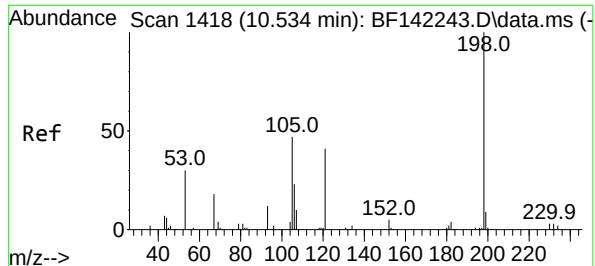
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:188 Resp: 624729
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 11.0 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 60.646 ng

RT: 10.539 min Scan# 1418

Delta R.T. 0.005 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:198 Resp: 132189

Ion Ratio Lower Upper

198 100

51 57.5 40.6 80.6

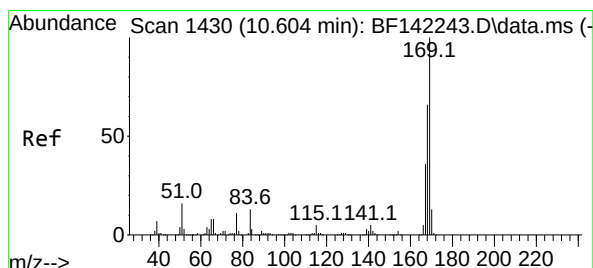
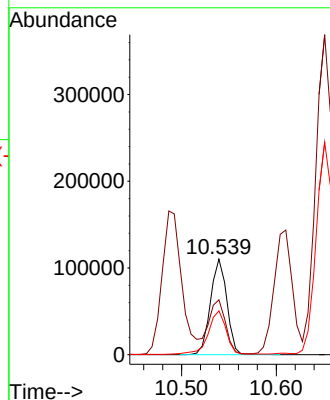
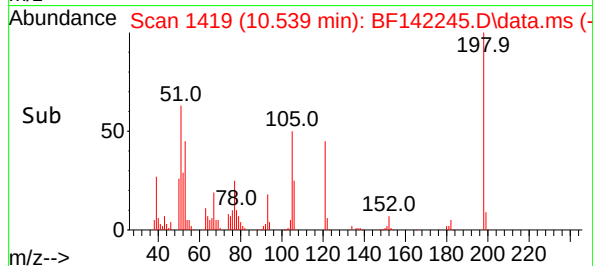
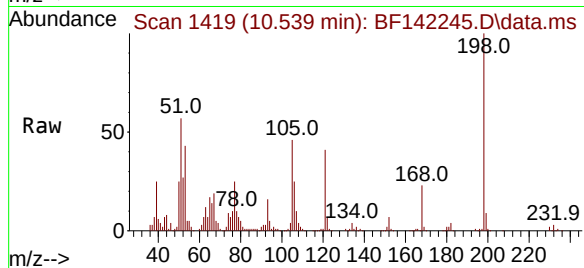
105 45.8 29.2 69.2

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#66

n-Nitrosodiphenylamine

Concen: 57.351 ng

RT: 10.610 min Scan# 1431

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

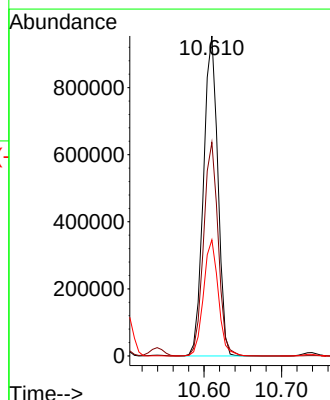
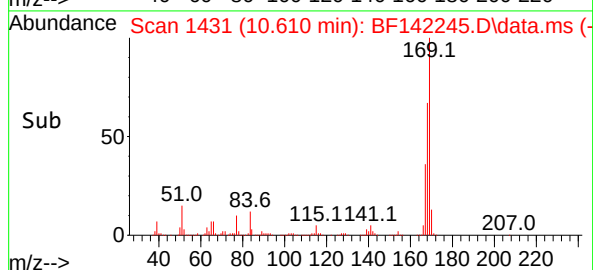
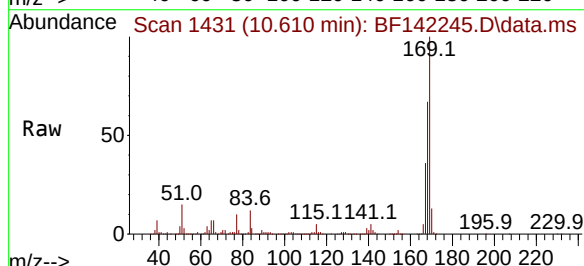
Tgt Ion:169 Resp: 1224189

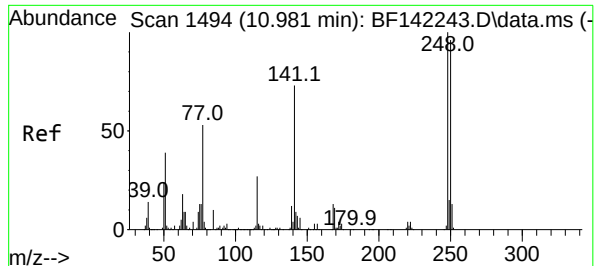
Ion Ratio Lower Upper

169 100

168 66.7 53.0 79.6

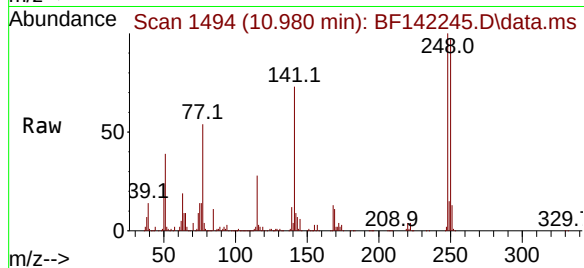
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 59.371 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

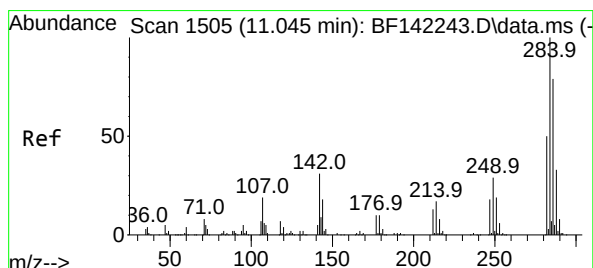
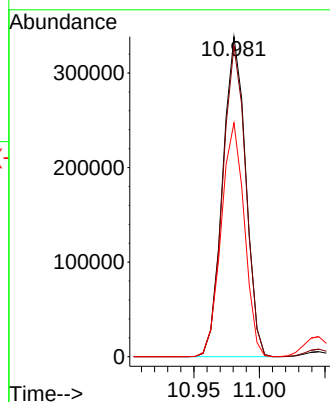
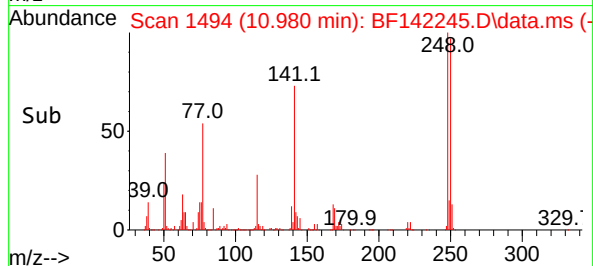
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



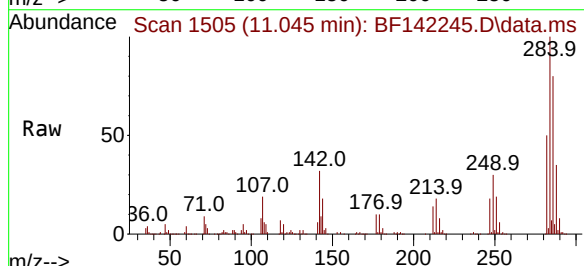
Tgt Ion:248 Resp: 413069
Ion Ratio Lower Upper
248 100
250 97.0 77.2 115.8
141 73.0 58.4 87.6

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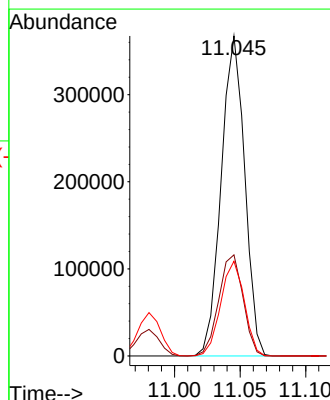
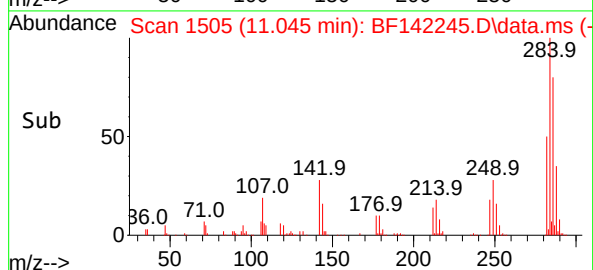
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

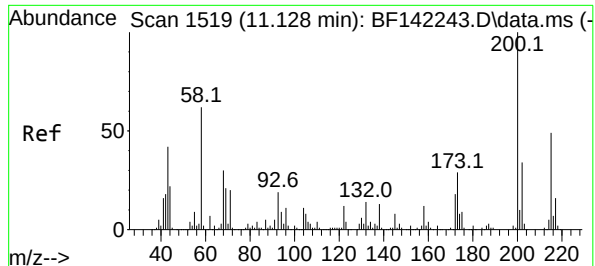


#68
Hexachlorobenzene
Concen: 58.689 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:284 Resp: 457317
Ion Ratio Lower Upper
284 100
142 31.6 24.6 37.0
249 29.6 23.2 34.8





#69

Atrazine

Concen: 60.513 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 34047

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

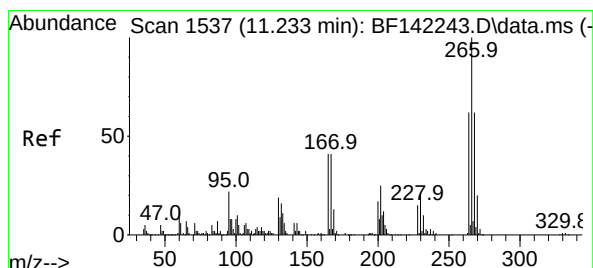
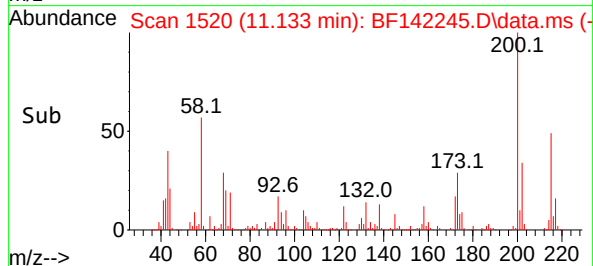
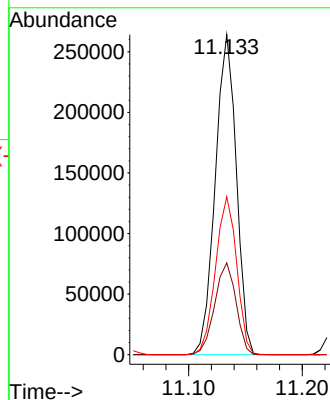
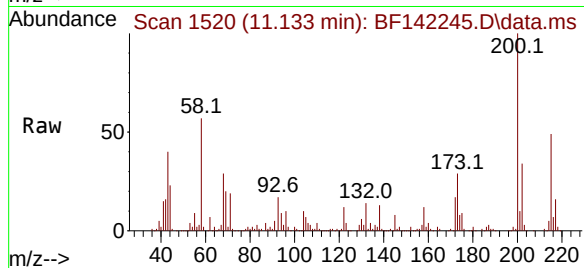
215 49.3 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 65.710 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

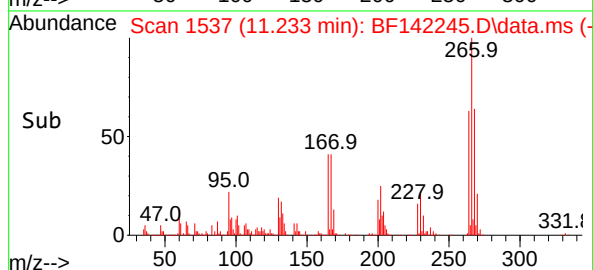
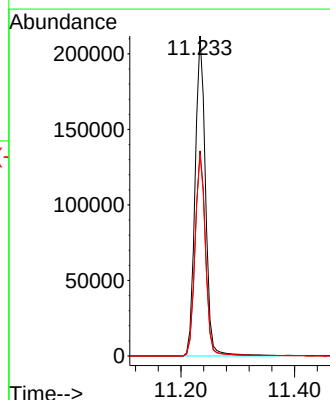
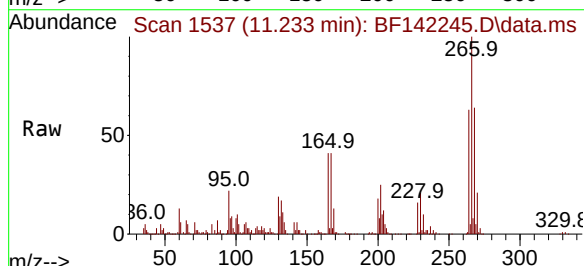
Tgt Ion:266 Resp: 270497

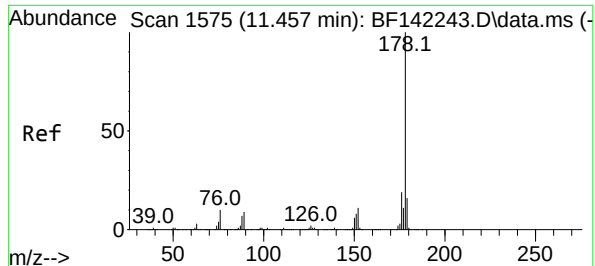
Ion Ratio Lower Upper

266 100

268 64.1 50.0 75.0

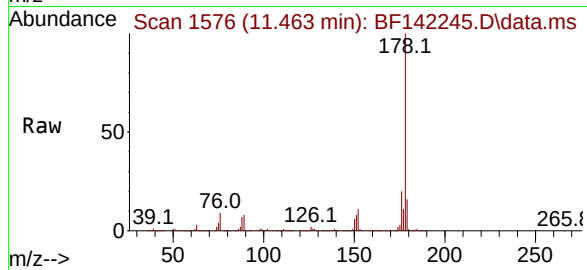
264 63.1 49.3 73.9





#71
Phenanthrene
Concen: 55.249 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

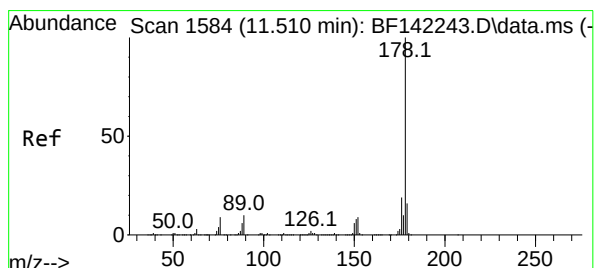
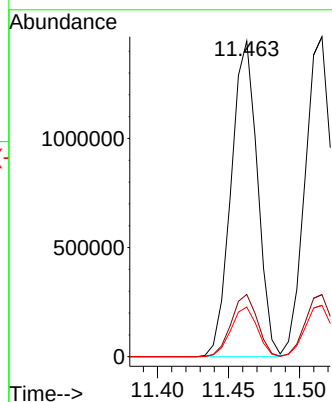
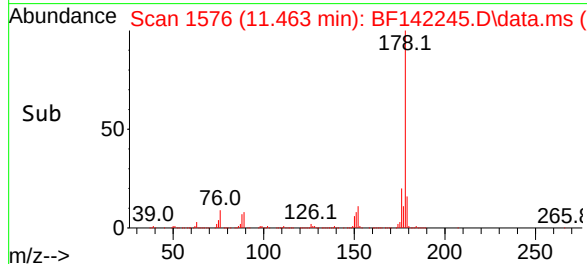
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1864411
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.6 19.0

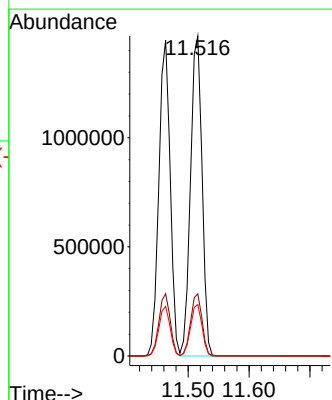
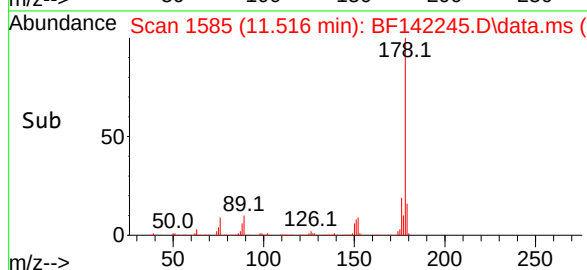
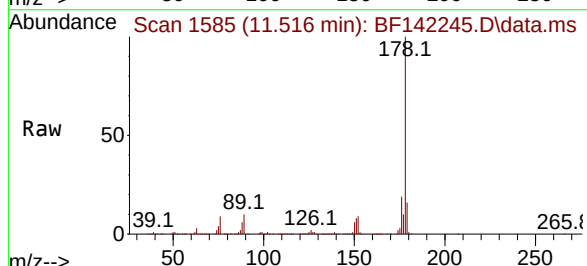
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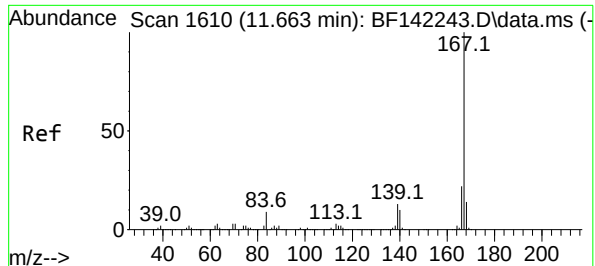
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#72
Anthracene
Concen: 55.673 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

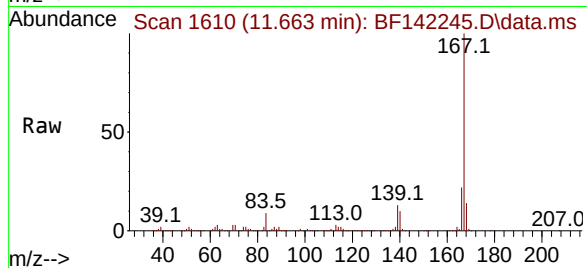
Tgt Ion:178 Resp: 1920817
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 16.0 12.7 19.1





#73
Carbazole
Concen: 55.651 ng
RT: 11.663 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

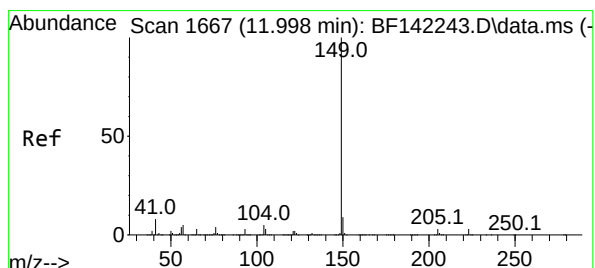
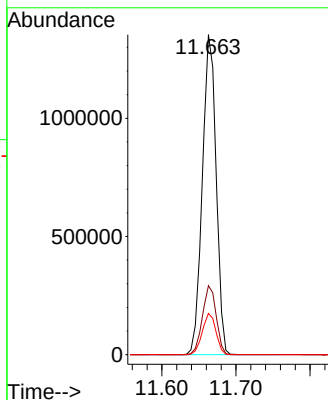
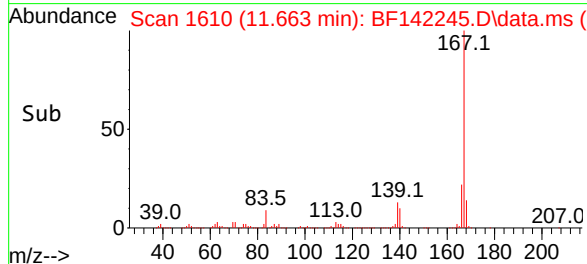
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



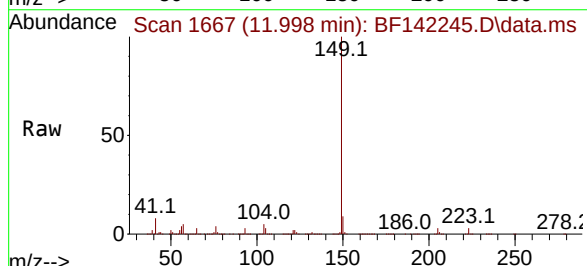
Tgt Ion:167 Resp: 1751538
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 12.9 10.3 15.5

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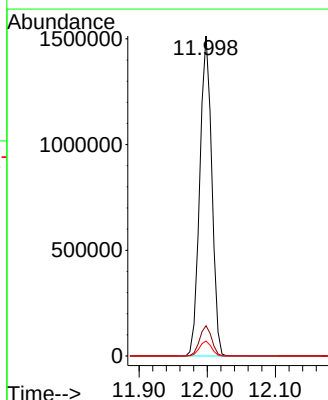
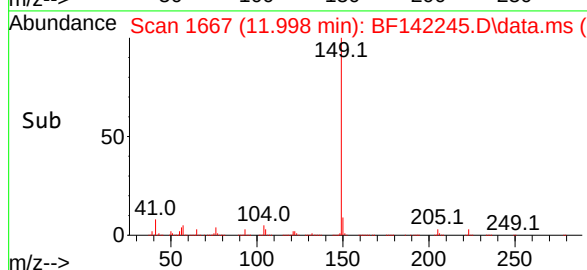
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

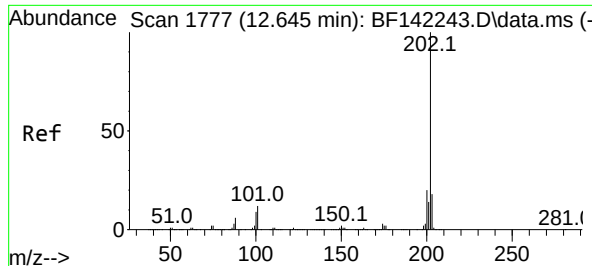


#74
Di-n-butylphthalate
Concen: 58.511 ng
RT: 11.998 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



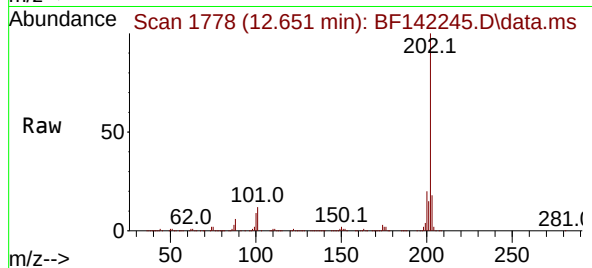
Tgt Ion:149 Resp: 1852105
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 53.793 ng
RT: 12.651 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

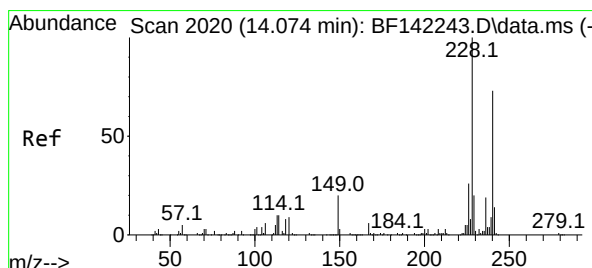
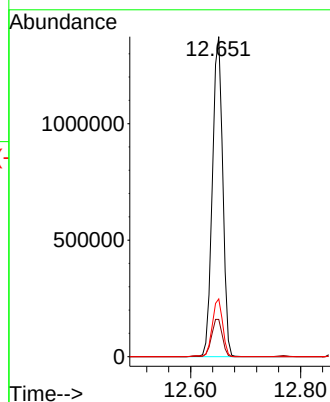
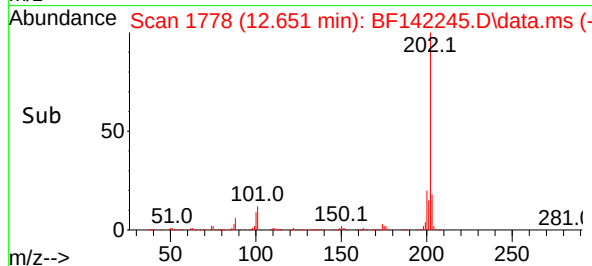
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 1794425
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 18.0 0.0 37.5

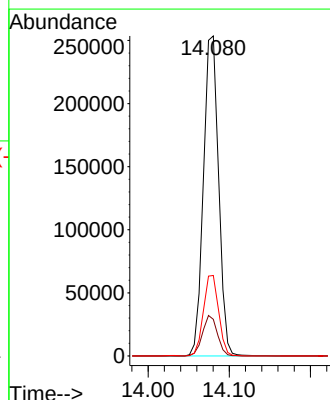
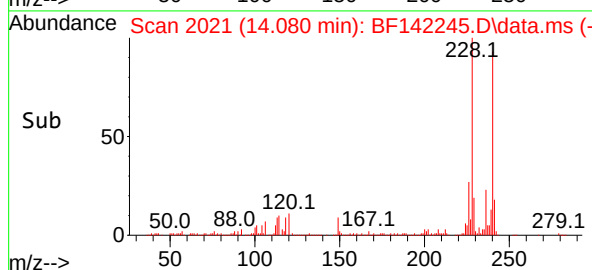
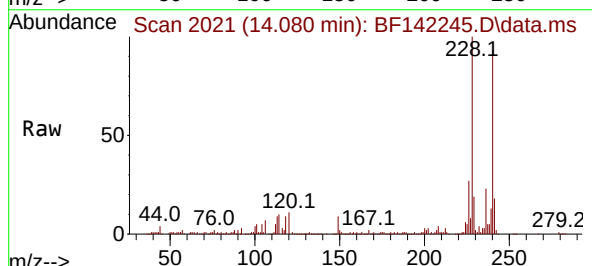
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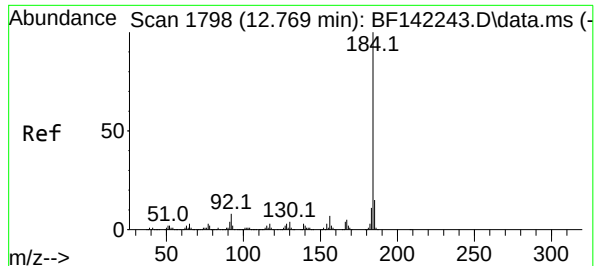
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

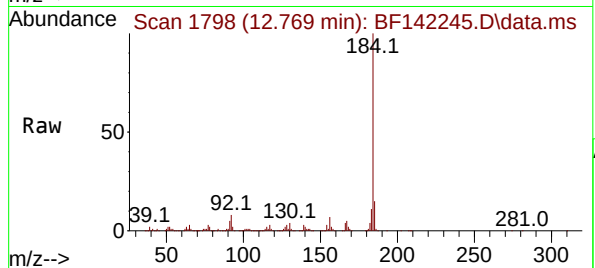
Tgt Ion:240 Resp: 328990
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 25.2 20.5 30.7





#77
Benzidine
Concen: 63.206 ng
RT: 12.769 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

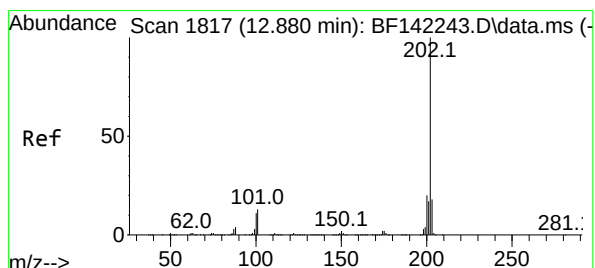
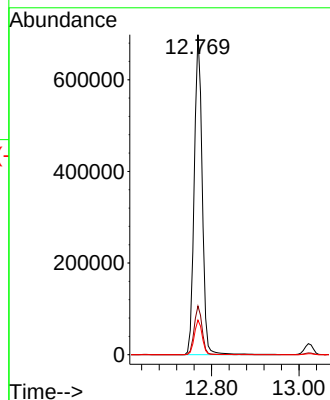
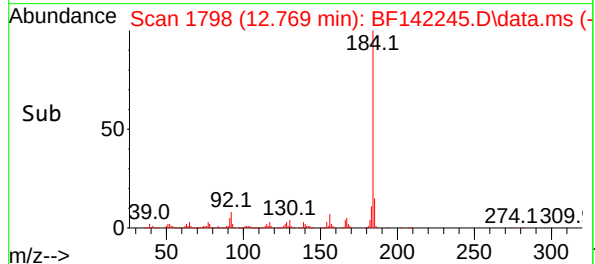
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 883568
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 10.8 8.9 13.3

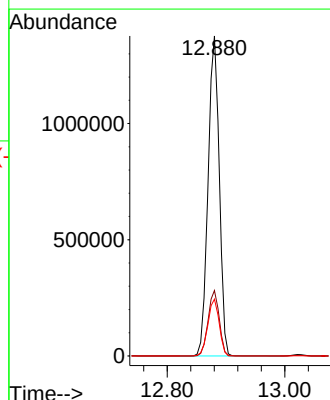
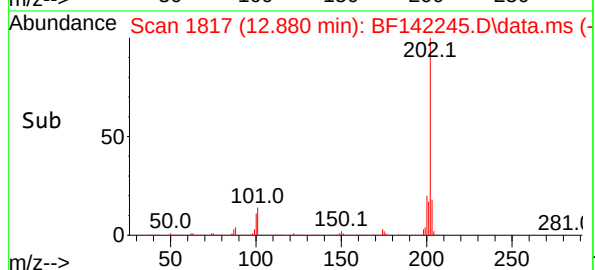
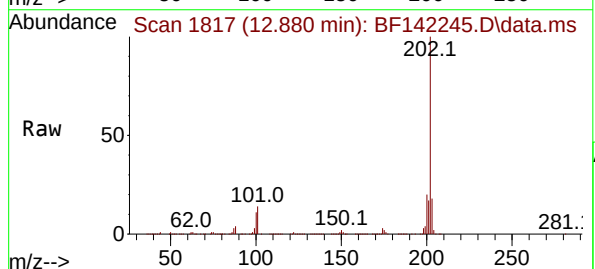
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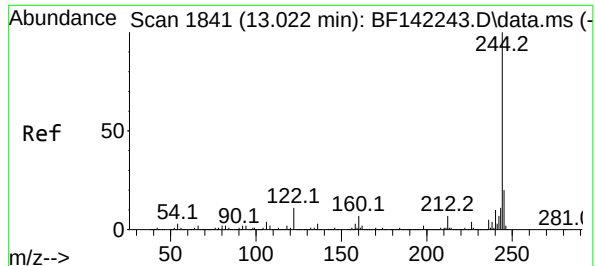
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 59.627 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:202 Resp: 1809576
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 112.585 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142245.D

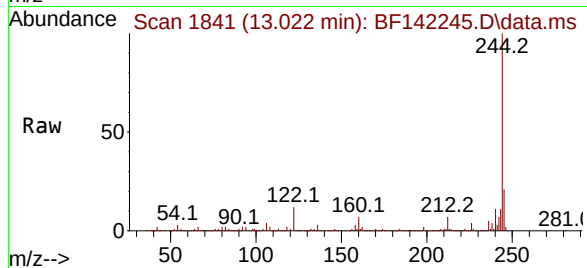
Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:244 Resp: 2546694

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

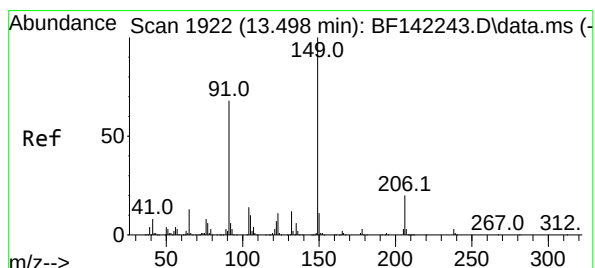
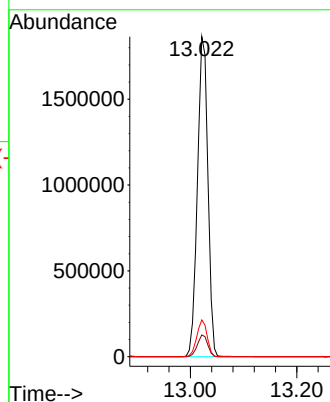
122 11.5 9.1 13.7

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#80

Butylbenzylphthalate

Concen: 61.167 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

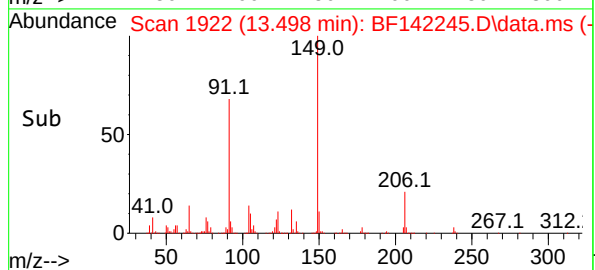
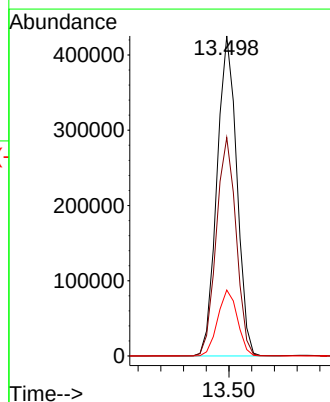
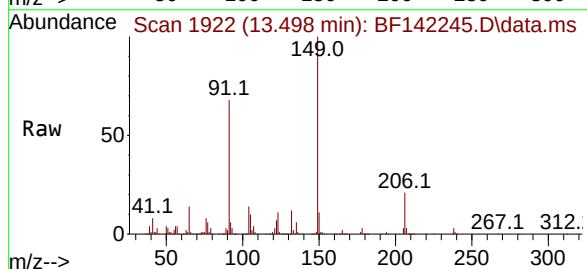
Tgt Ion:149 Resp: 516723

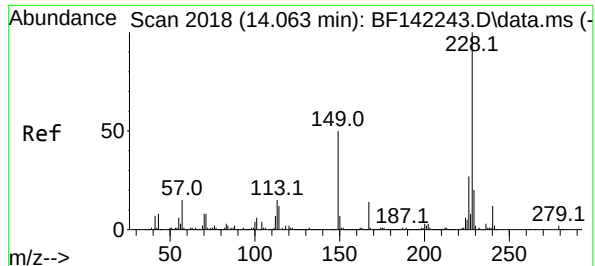
Ion Ratio Lower Upper

149 100

91 68.3 54.4 81.6

206 20.6 15.9 23.9





#81

Benzo(a)anthracene

Concen: 58.829 ng

RT: 14.069 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 1299270

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

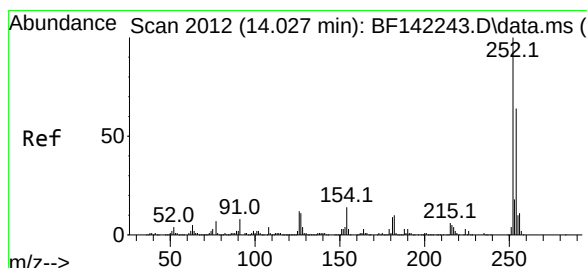
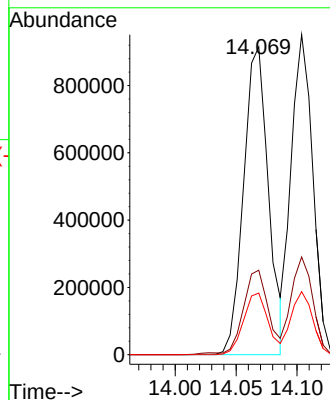
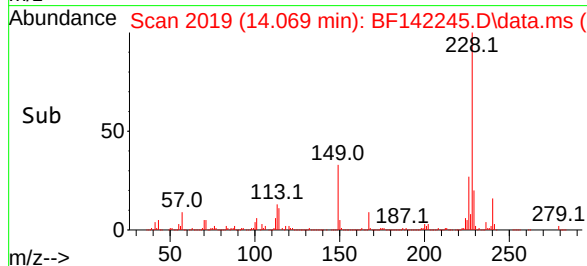
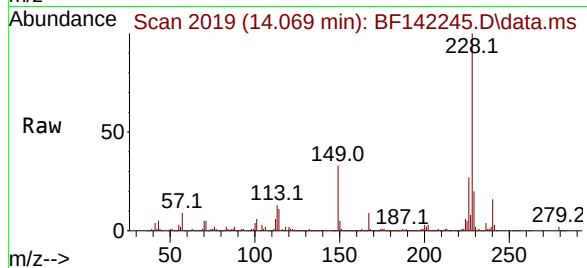
229 20.0 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#82

3,3'-Dichlorobenzidine

Concen: 68.582 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

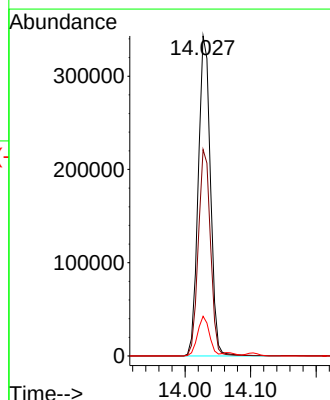
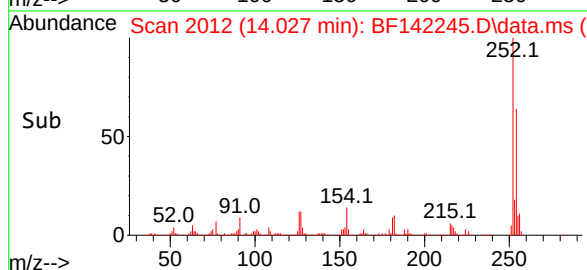
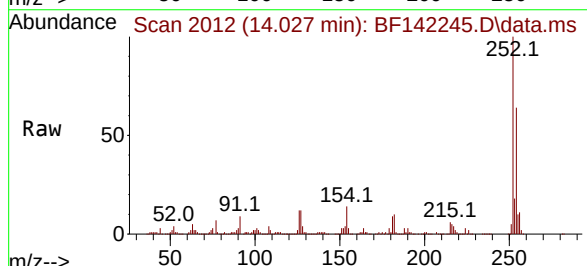
Tgt Ion:252 Resp: 444901

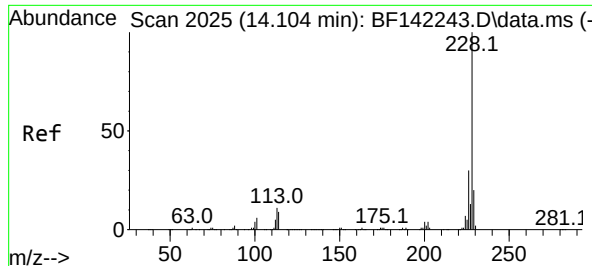
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.6

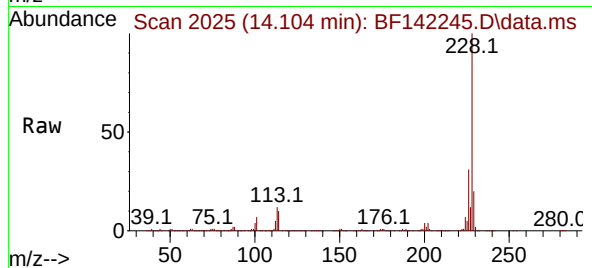
126 12.4 9.4 14.2





#83
Chrysene
Concen: 58.781 ng
RT: 14.104 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

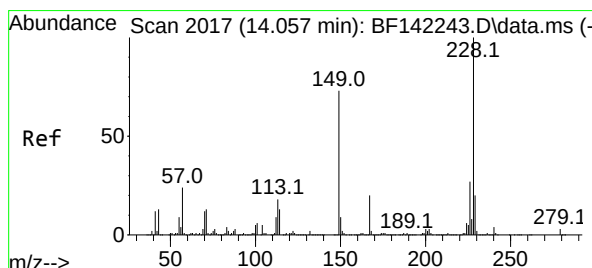
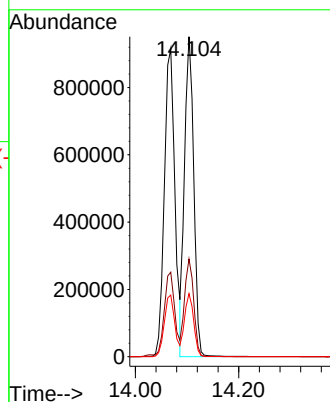
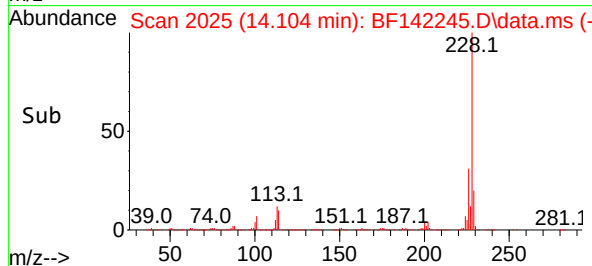
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1181729
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 19.7 15.7 23.5

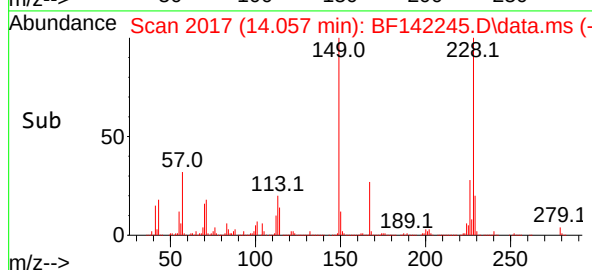
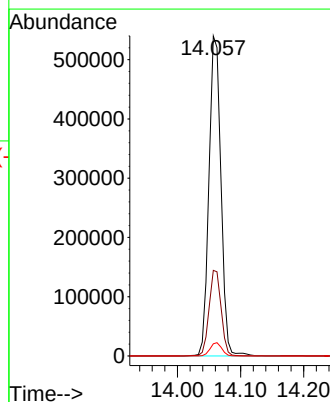
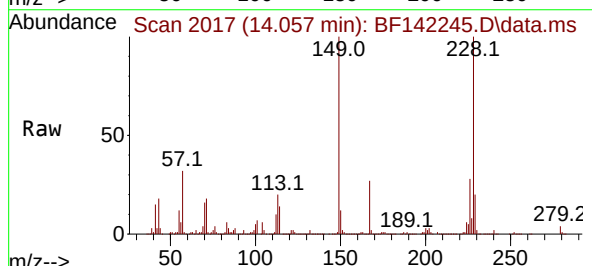
Manual Integrations
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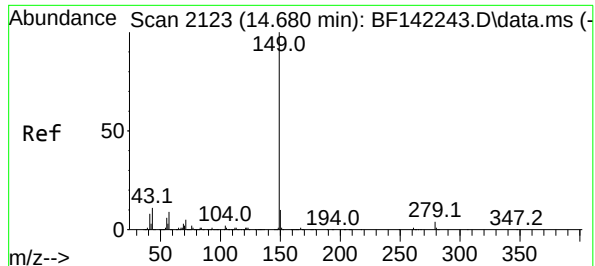
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.002 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

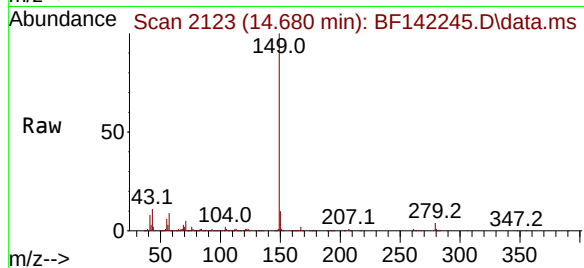
Tgt Ion:149 Resp: 712716
Ion Ratio Lower Upper
149 100
167 26.8 21.7 32.5
279 3.8 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 61.204 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

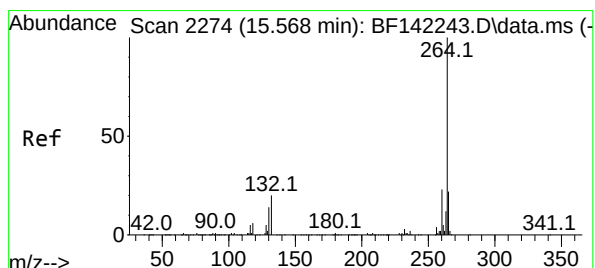
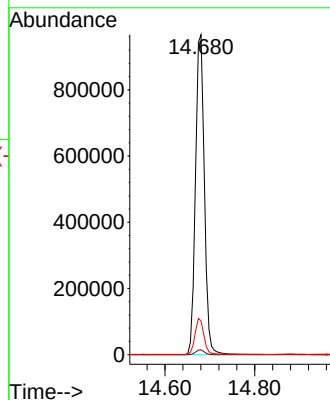
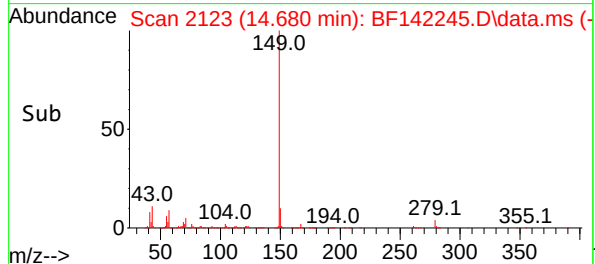
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 132973
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.3 9.3 13.9

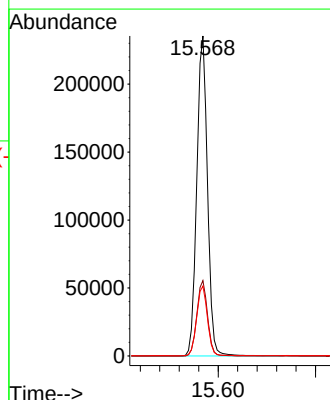
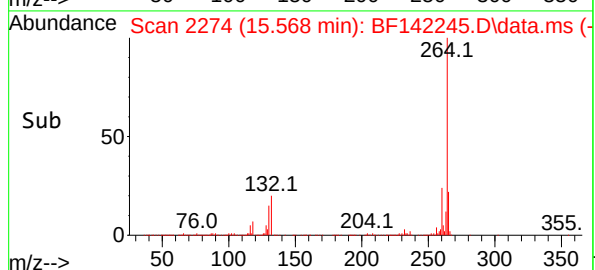
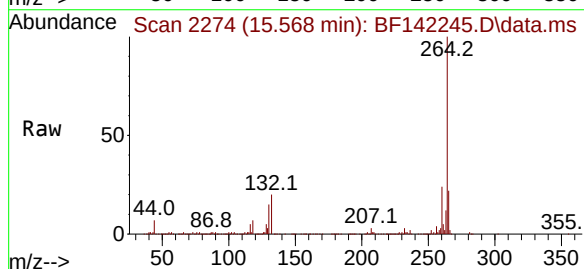
Manual Integrations
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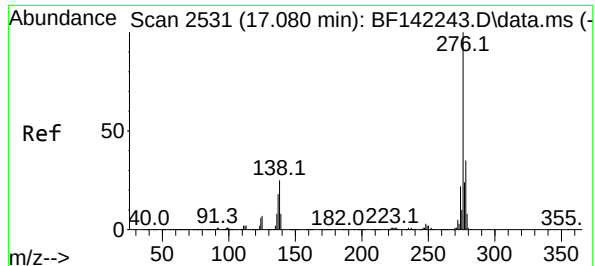
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

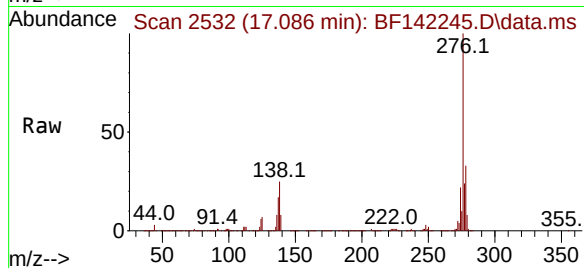
Tgt Ion:264 Resp: 361305
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.9 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.012 ng
RT: 17.086 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

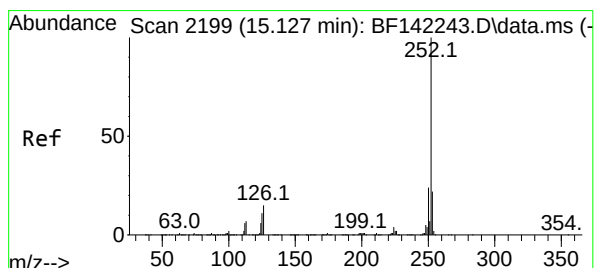
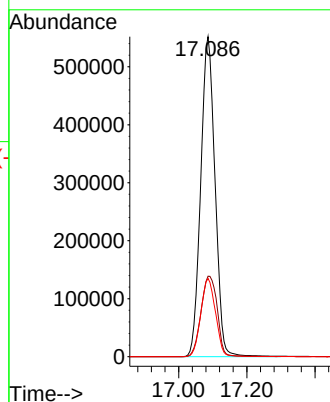
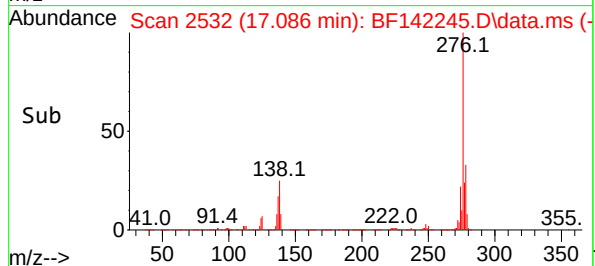
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:276 Resp: 1614650
Ion Ratio Lower Upper
276 100
138 28.5 22.6 33.8
277 25.1 20.1 30.1

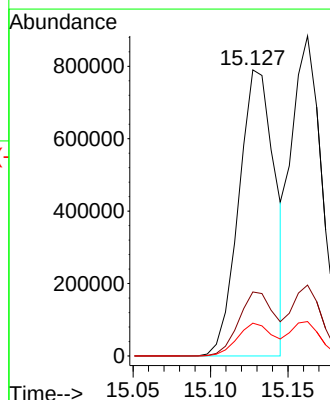
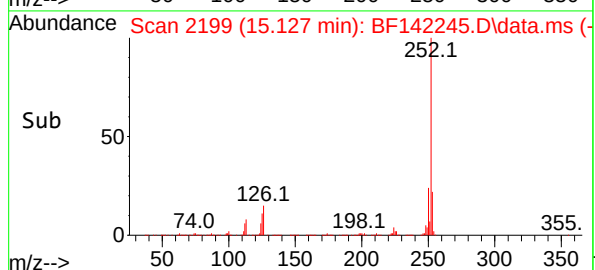
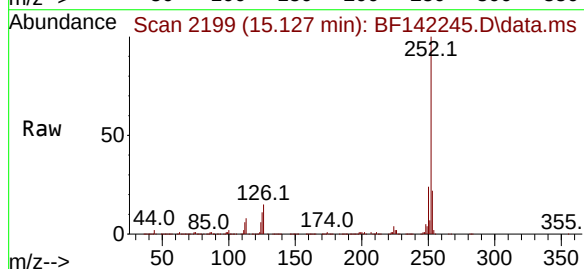
Manual Integrations
APPROVED

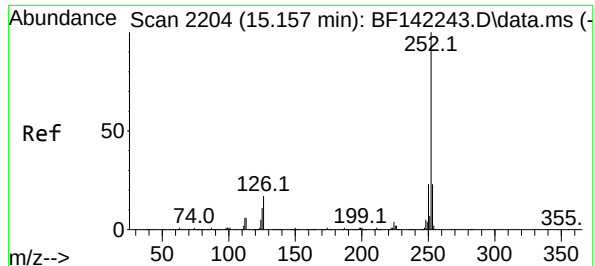
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#88
Benzo(b)fluoranthene
Concen: 56.836 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 1275552
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.5 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 58.601 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 1202952

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

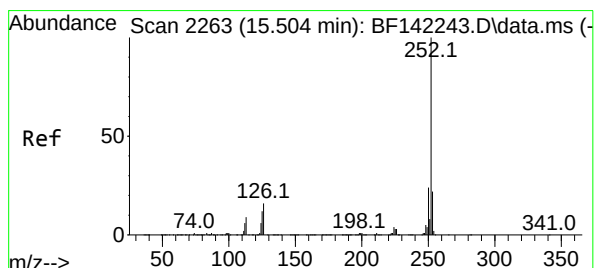
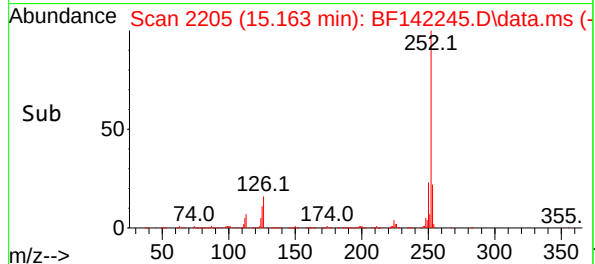
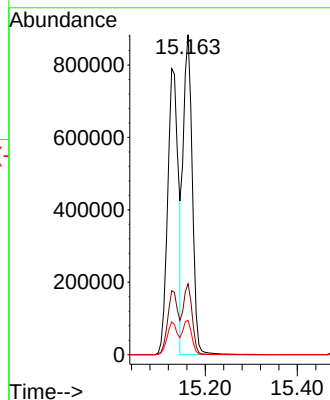
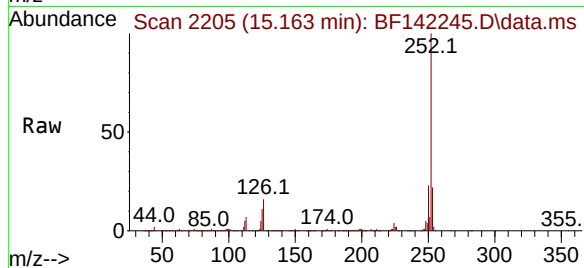
125 10.8 9.0 13.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 59.982 ng

RT: 15.510 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

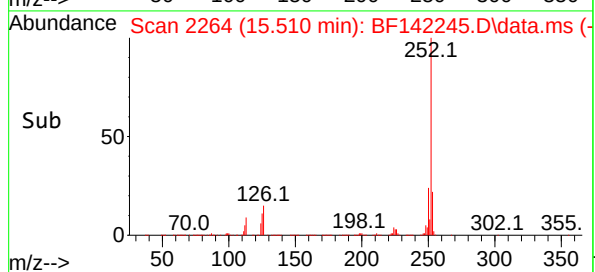
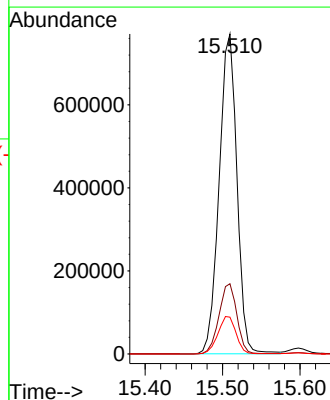
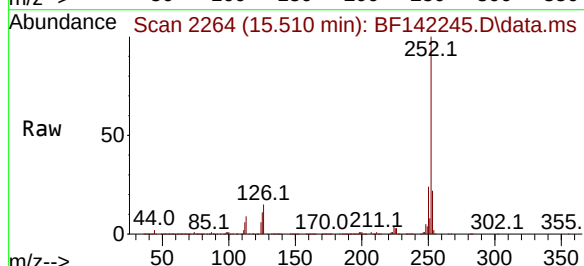
Tgt Ion:252 Resp: 1232454

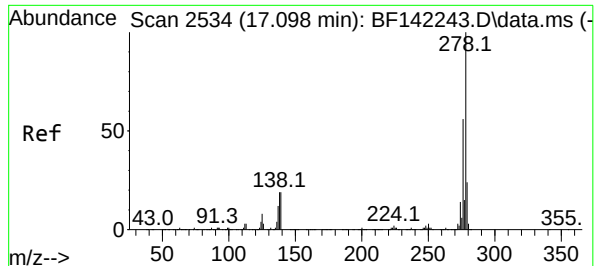
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

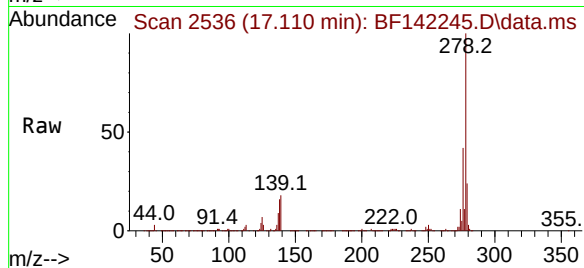
125 11.5 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 60.163 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

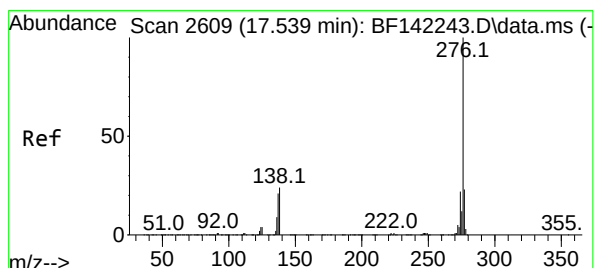
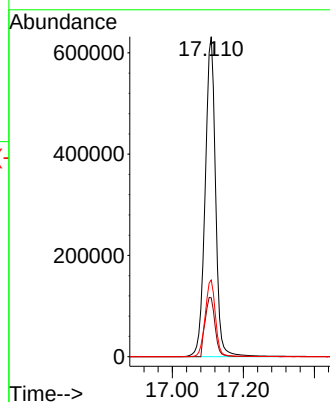
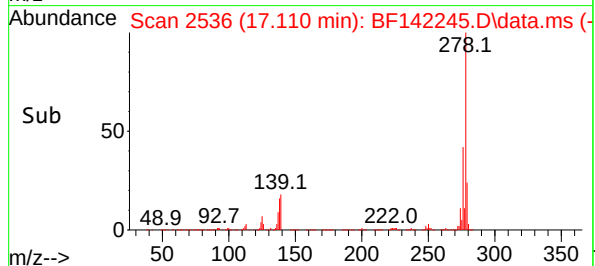
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1292219
Ion Ratio Lower Upper
278 100
139 18.4 15.2 22.8
279 23.9 19.0 28.6

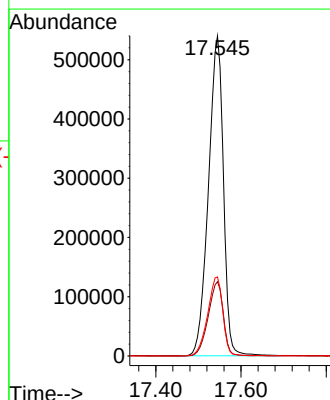
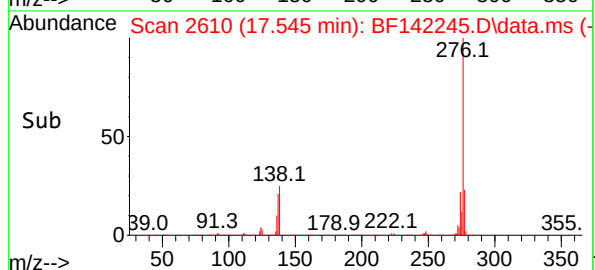
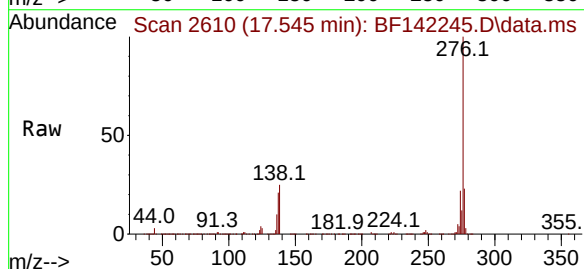
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 60.904 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:276 Resp: 1315066
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 24.7 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	192490	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng	0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng	0.00
86) Perylene-d12	15.568	264	374102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng	0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng	0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng	0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng	99
3) Pyridine	3.469	79	1062667	75.959	ng	99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng	98
6) Aniline	6.575	93	1525082	74.030	ng	99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng	99
9) Benzaldehyde	6.463	77	673391	66.197	ng	99
10) Phenol	6.551	94	1130209m	72.134	ng	
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng	99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng	99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng	99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng	99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng	99
17) 2-Methylphenol	7.157	107	757239	74.219	ng	100
18) Hexachloroethane	7.428	117	347325	74.757	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng	99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng	# 87
22) Acetophenone	7.328	105	1180939	69.853	ng	97
24) Nitrobenzene	7.498	77	917286	84.046	ng	100
25) Isophorone	7.739	82	1758014	75.306	ng	99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng	98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng	100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng	99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng	100
31) Naphthalene	8.216	128	2508082	68.820	ng	99
32) Benzoic acid	7.969	122	523215m	83.328	ng	
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng	99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng	100
35) Caprolactam	8.645	113	242414	81.958	ng	97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng	99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng	99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng	99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng	100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 15:46:52 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 30 15:28:40 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng	99
46) 1,1'-Biphenyl	9.375	154	2006955	67.691	ng	99
47) 2-Chloronaphthalene	9.398	162	1547207	70.140	ng	99
48) 2-Nitroaniline	9.486	65	481954	79.390	ng	97
49) Acenaphthylene	9.816	152	2555385	68.650	ng	99
50) Dimethylphthalate	9.675	163	1757977	72.052	ng	99
51) 2,6-Dinitrotoluene	9.733	165	379127	78.246	ng	97
52) Acenaphthene	9.986	154	1517991	69.843	ng	99
53) 3-Nitroaniline	9.904	138	456571	78.061	ng	96
54) 2,4-Dinitrophenol	10.004	184	129817	79.532	ng	# 28
55) Dibenzofuran	10.157	168	2237085	68.664	ng	98
56) 4-Nitrophenol	10.045	139	335015	87.357	ng	97
57) 2,4-Dinitrotoluene	10.133	165	467545	78.915	ng	99
58) Fluorene	10.498	166	1634486	65.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng	99
60) Diethylphthalate	10.375	149	1717661	71.292	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng	98
62) 4-Nitroaniline	10.522	138	410928	77.614	ng	98
63) Azobenzene	10.651	77	1674434	70.379	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng	97
68) Hexachlorobenzene	11.045	284	577203	75.999	ng	98
69) Atrazine	11.133	200	423886	77.296	ng	99
70) Pentachlorophenol	11.233	266	350009	87.235	ng	99
71) Phenanthrene	11.463	178	2288481	69.578	ng	99
72) Anthracene	11.516	178	2336551	69.482	ng	100
73) Carbazole	11.663	167	2087769	68.058	ng	99
74) Di-n-butylphthalate	11.998	149	2221417	72.002	ng	100
75) Fluoranthene	12.651	202	2137636	65.747	ng	98
77) Benzidine	12.768	184	1049467	76.247	ng	99
78) Pyrene	12.880	202	2118847	70.910	ng	99
80) Butylbenzylphthalate	13.498	149	659574	78.197	ng	98
81) Benzo(a)anthracene	14.068	228	1586778	72.970	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng	99
83) Chrysene	14.104	228	1474094	74.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng	100
85) Di-n-octyl phthalate	14.680	149	1722215	78.594	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng	99
88) Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng	99
89) Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng	100
90) Benzo(a)pyrene	15.509	252	1610193	75.685	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng	99
92) Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng	99

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

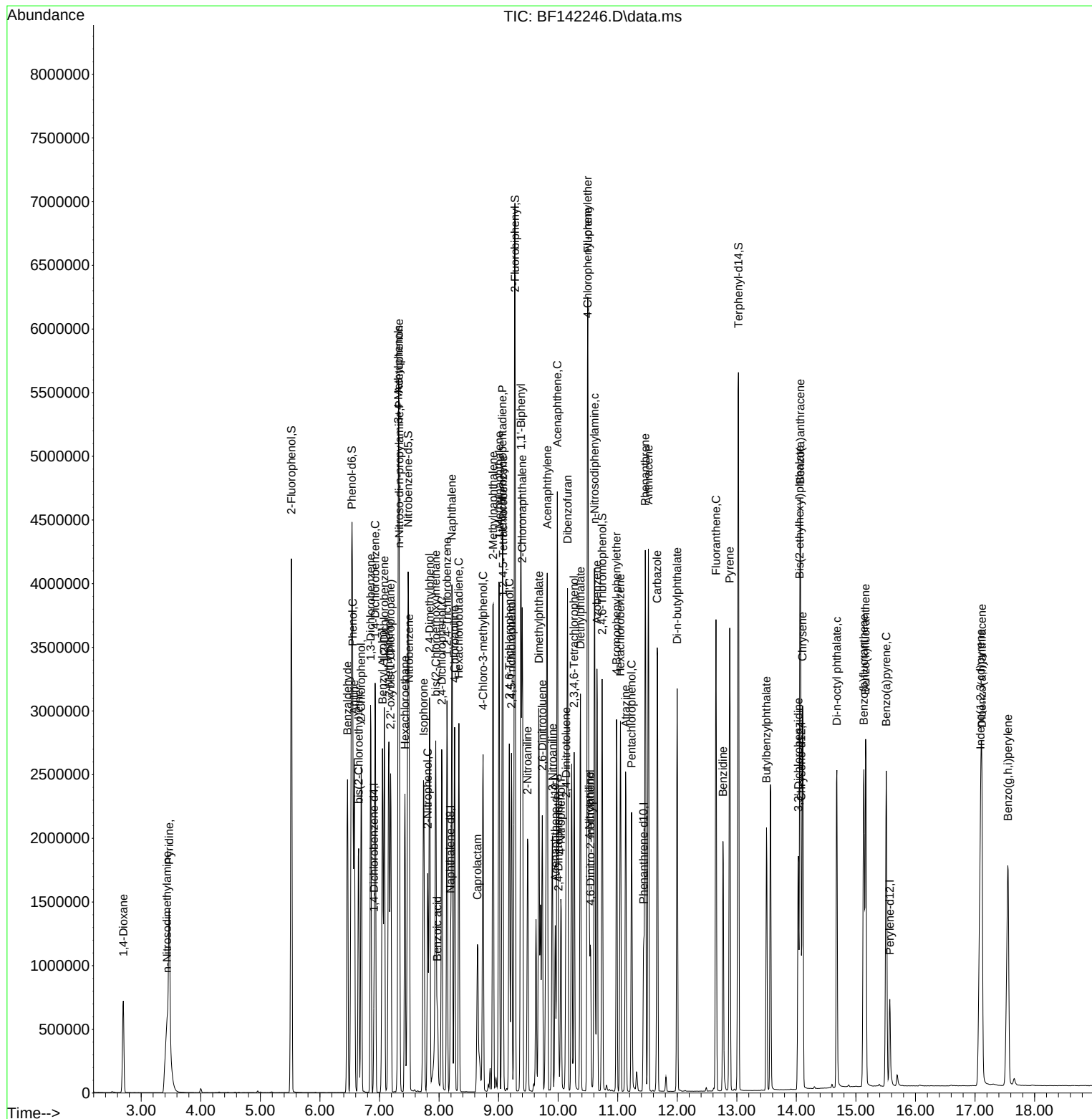
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 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

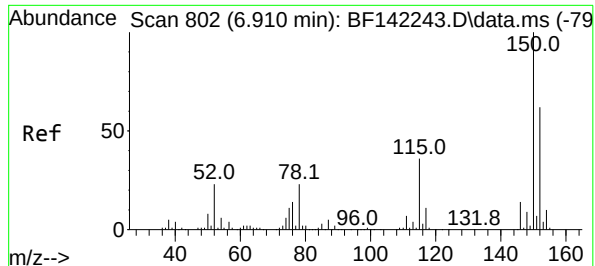
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

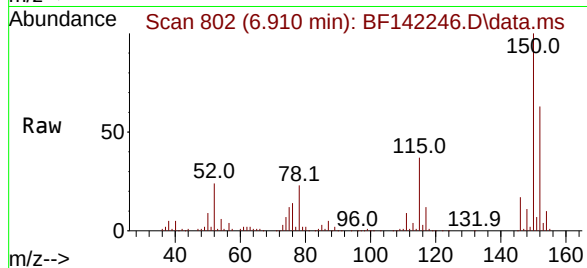
Quant Time: Apr 30 15:46:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

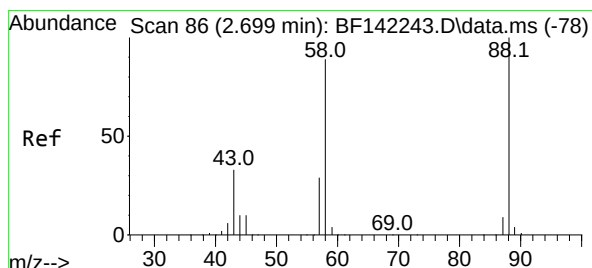
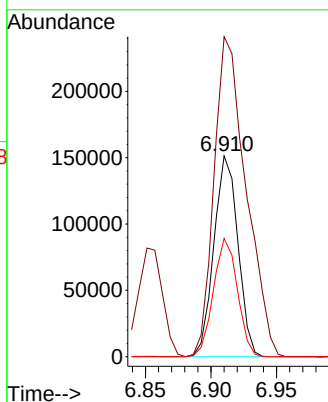
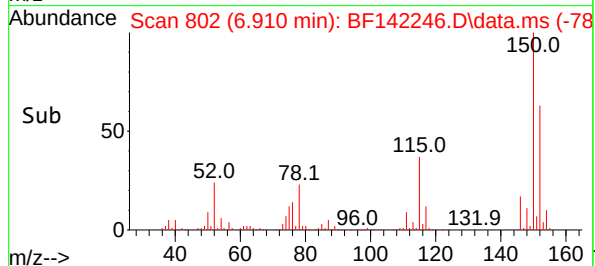
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 152 Resp: 192490
Ion Ratio Lower Upper
152 100
150 159.4 130.2 195.2
115 58.9 47.0 70.4

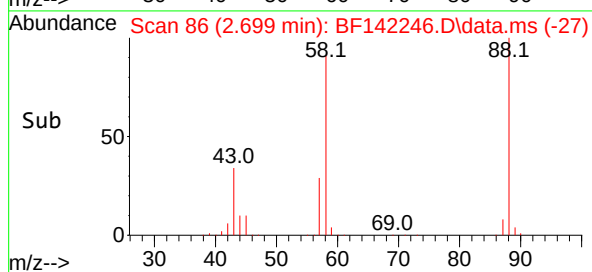
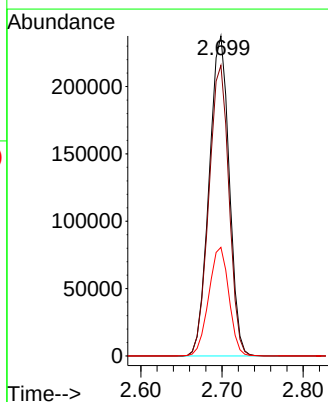
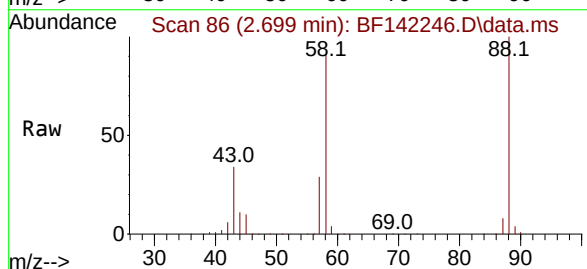
Manual Integrations
APPROVED

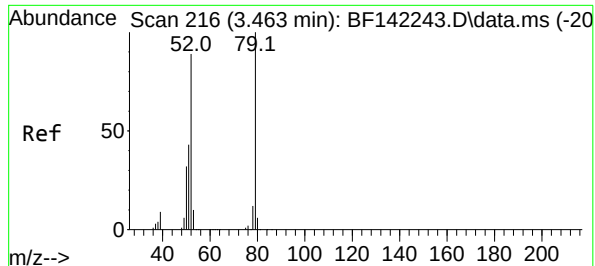
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 75.816 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 88 Resp: 408111
Ion Ratio Lower Upper
88 100
58 90.8 72.2 108.2
43 34.2 27.0 40.6





#3

Pyridine

Concen: 75.959 ng

RT: 3.469 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF142246.D

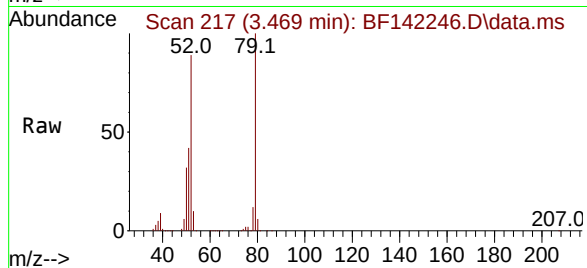
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 79 Resp: 106266

Ion Ratio Lower Upper

79

100

52

88.8

51

42.4

71.5

107.3

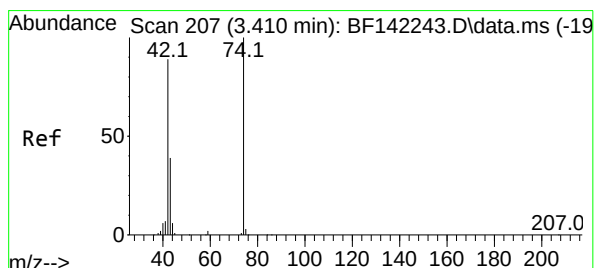
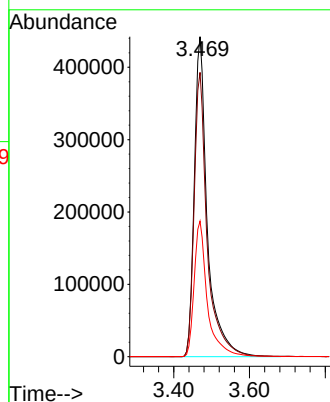
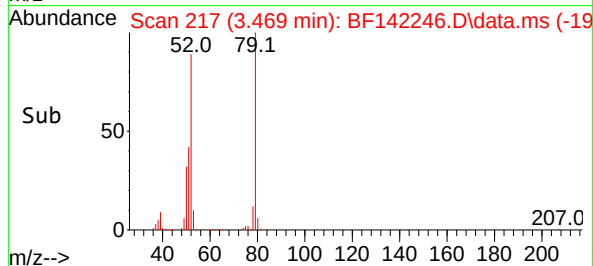
51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

Concen: 77.702 ng

RT: 3.434 min Scan# 211

Delta R.T. 0.023 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Tgt Ion: 42 Resp: 562539

Ion Ratio Lower Upper

42

100

74

113.7

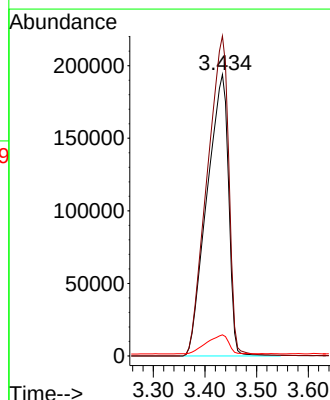
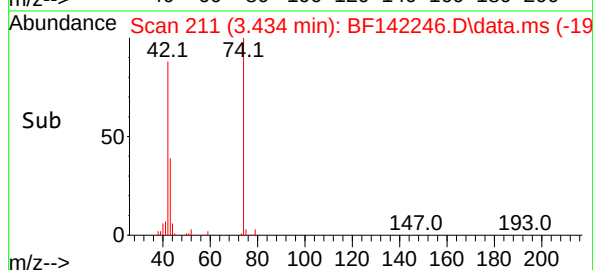
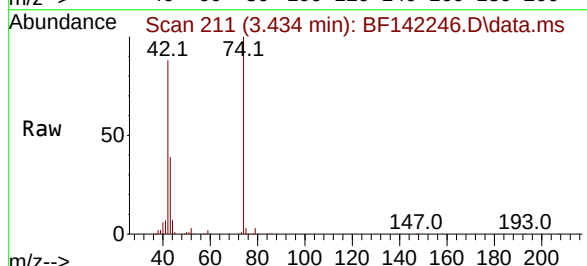
44

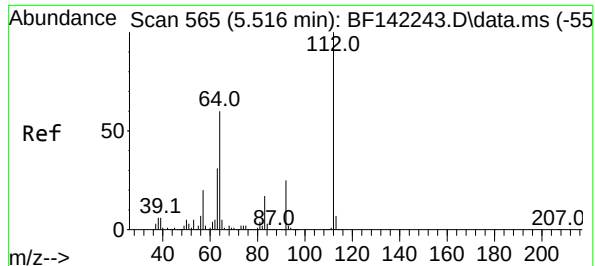
7.5

89.5

134.3

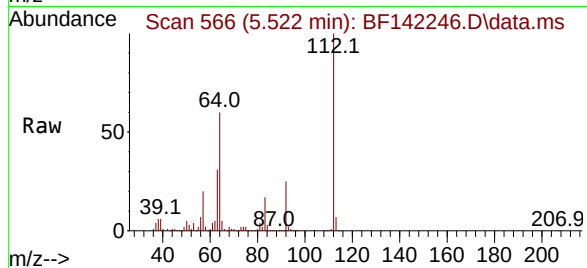
9.8





#5
2-Fluorophenol
Concen: 144.449 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

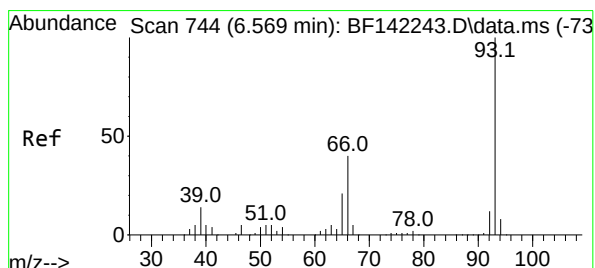
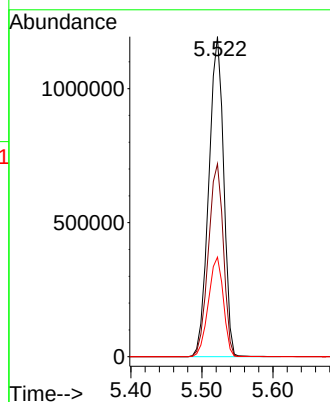
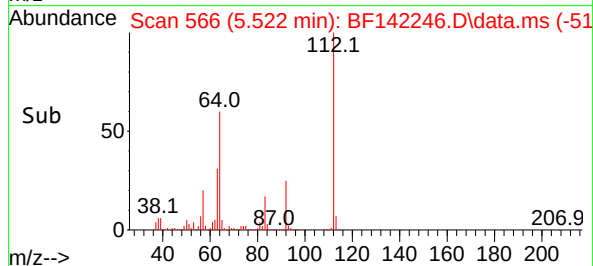
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 112 Resp: 174101
Ion Ratio Lower Upper
112 100
64 60.3 48.4 72.6
63 31.1 24.8 37.2

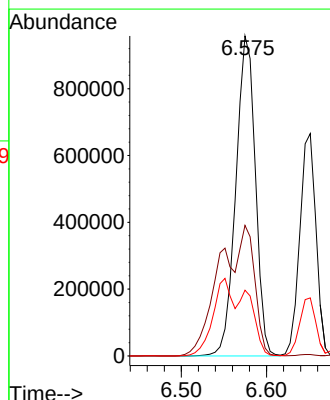
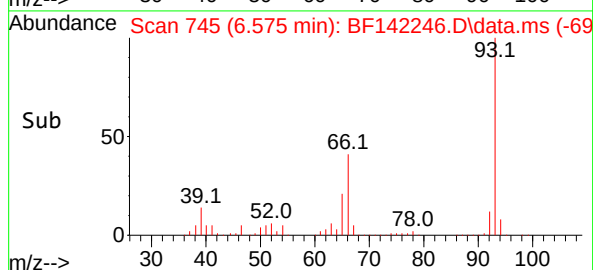
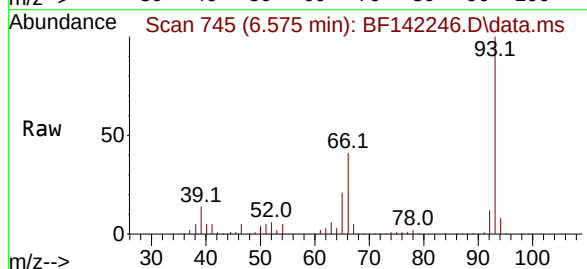
Manual Integrations
APPROVED

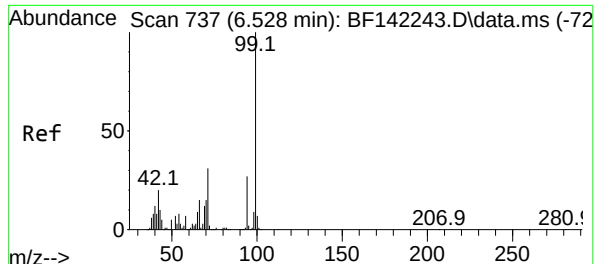
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 74.030 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

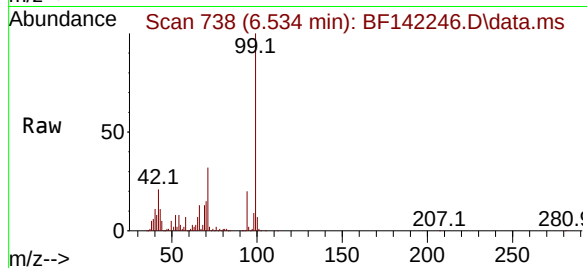
Tgt Ion: 93 Resp: 1525082
Ion Ratio Lower Upper
93 100
66 40.8 32.1 48.1
65 20.5 16.6 24.8





#7
Phenol-d6
Concen: 144.946 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

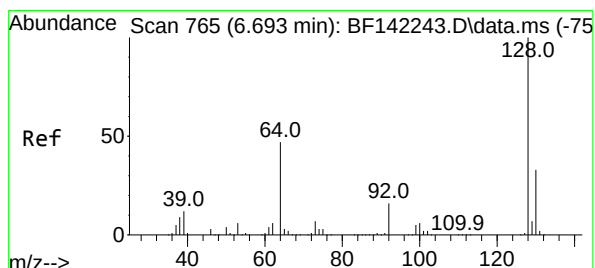
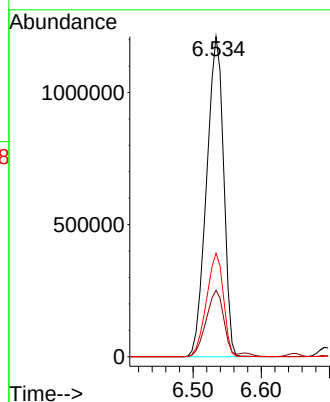
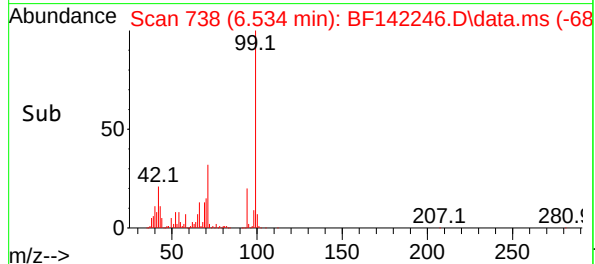
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 2109624
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.3 25.0 37.4

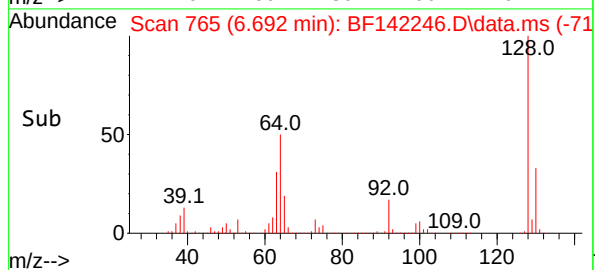
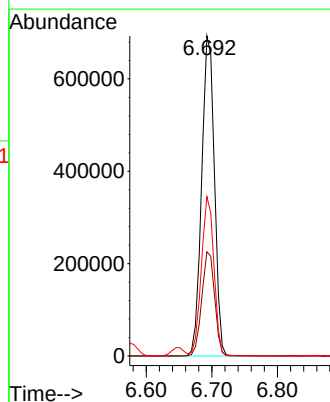
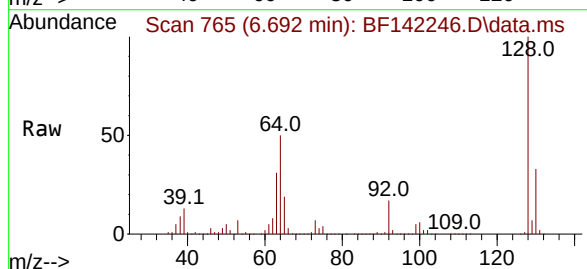
Manual Integrations
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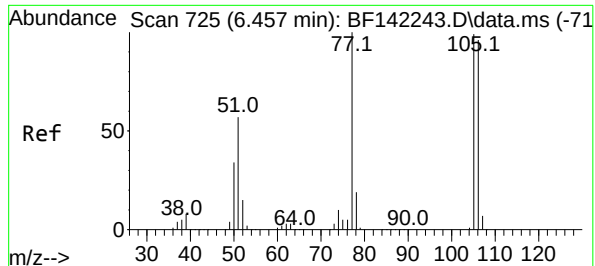
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#8
2-Chlorophenol
Concen: 75.716 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:128 Resp: 942996
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 49.8 28.6 68.6





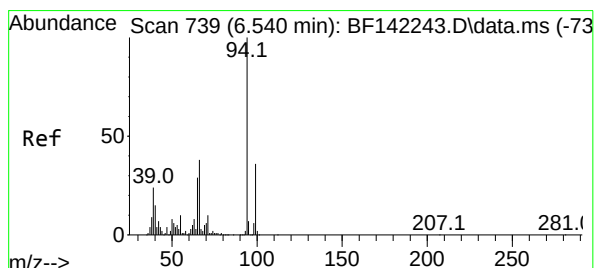
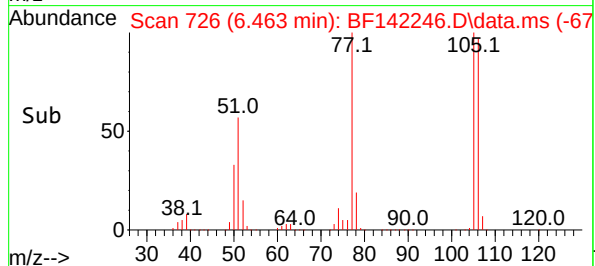
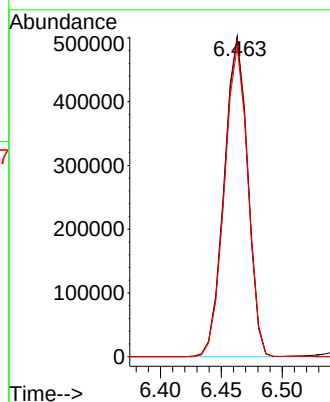
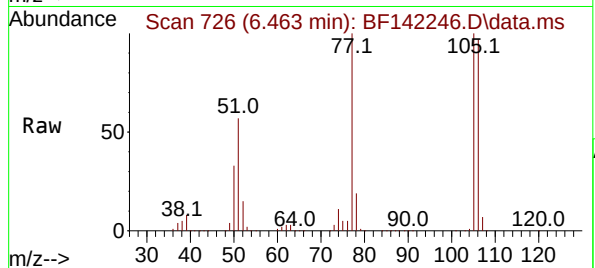
#9
Benzaldehyde
Concen: 66.197 ng
RT: 6.463 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 67339
Ion Ratio Lower Upper
77 100
105 100.2 79.1 119.1
106 97.0 76.0 116.0

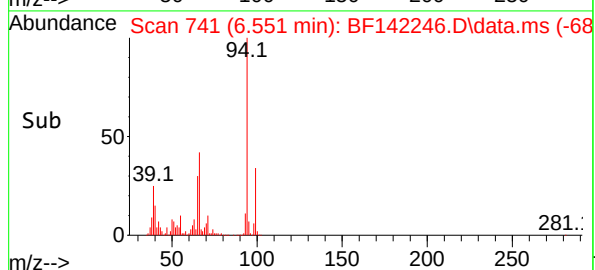
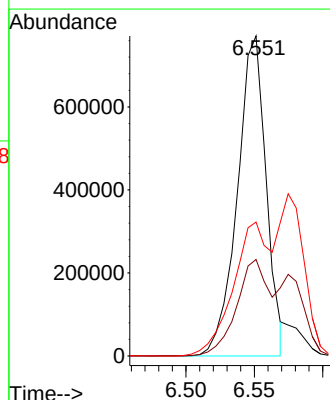
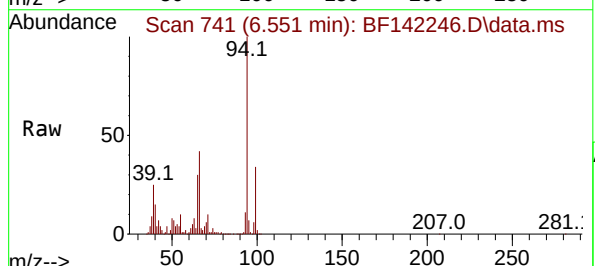
Manual Integrations
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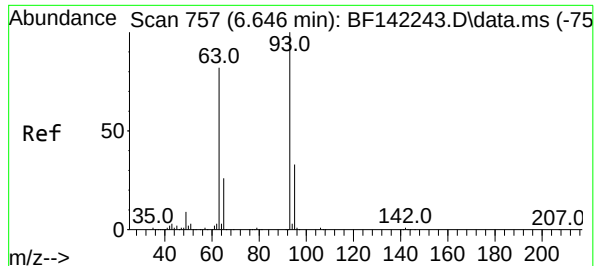
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#10
Phenol
Concen: 72.134 ng m
RT: 6.551 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

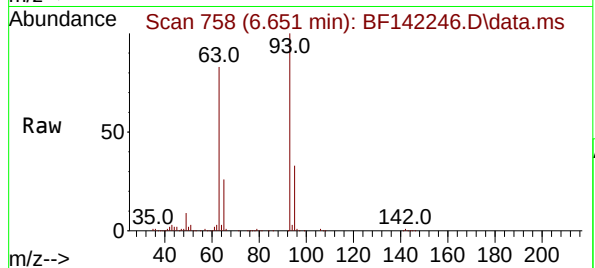
Tgt Ion: 94 Resp: 1130209
Ion Ratio Lower Upper
94 100
65 30.1 8.9 48.9
66 41.8 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 71.808 ng
RT: 6.651 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

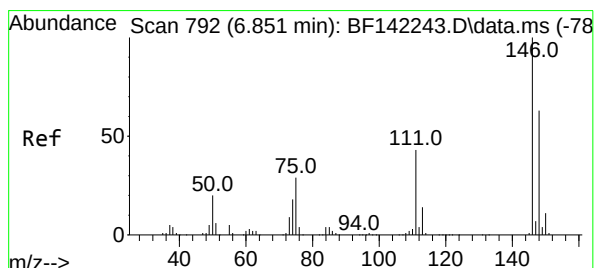
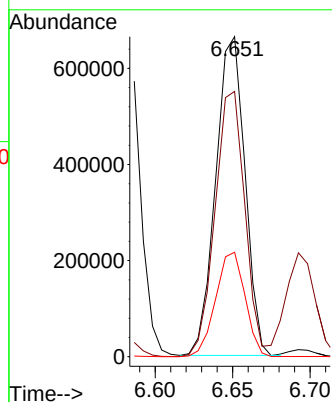
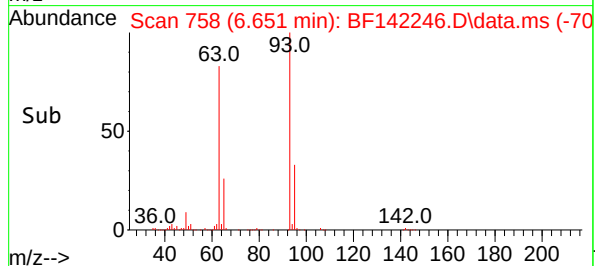
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 871905
Ion Ratio Lower Upper
93 100
63 82.9 62.2 102.2
95 32.7 12.7 52.7

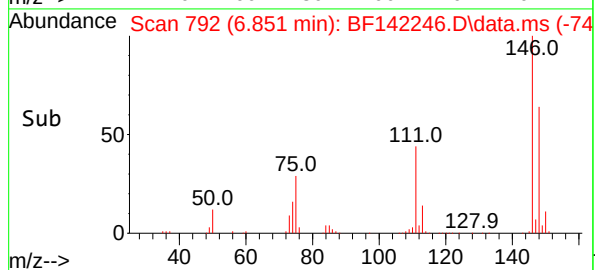
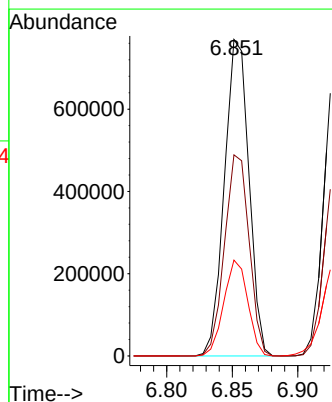
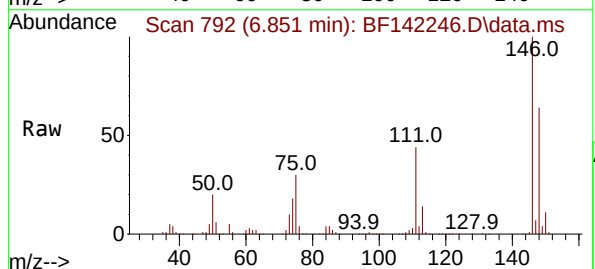
Manual Integrations
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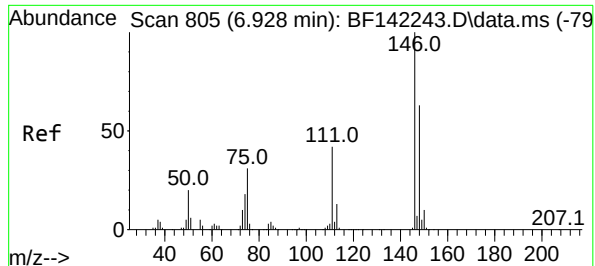
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 70.979 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:146 Resp: 1000058
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 30.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 70.267 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 997448

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

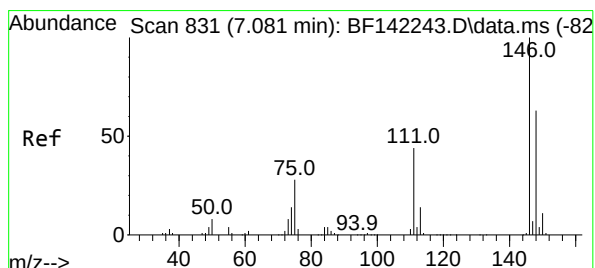
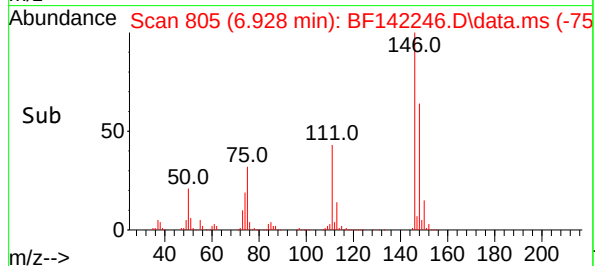
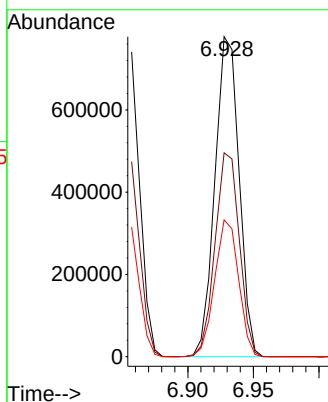
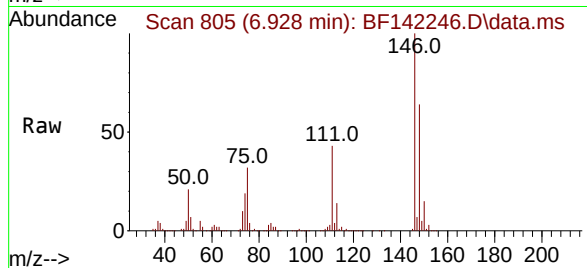
111 42.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 71.326 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

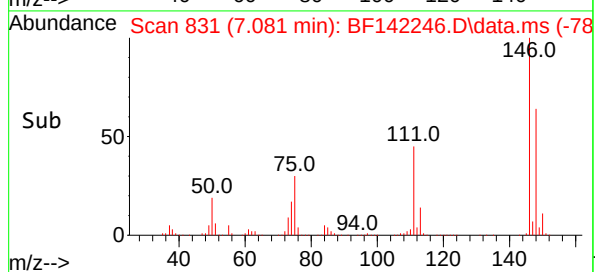
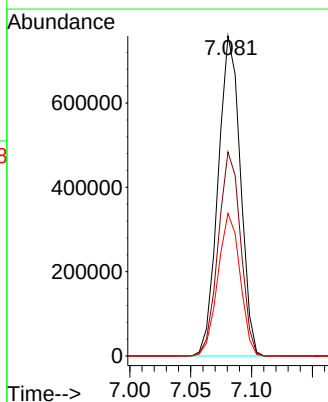
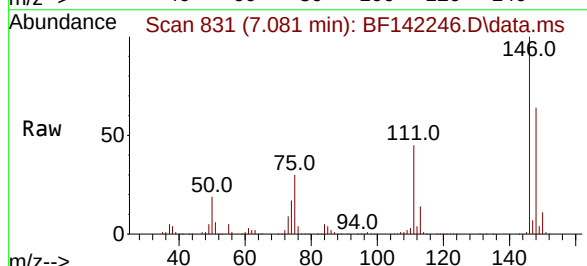
Tgt Ion:146 Resp: 966587

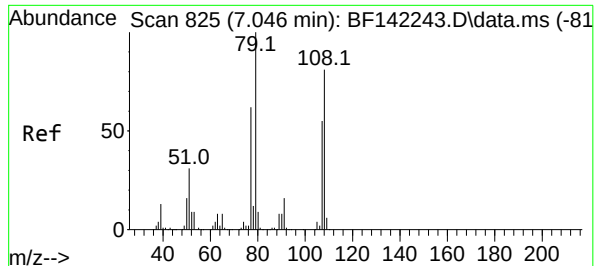
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

111 44.6 34.9 52.3





#15

Benzyl Alcohol

Concen: 76.310 ng

RT: 7.051 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 787715

Ion Ratio Lower Upper

79 100

108 81.5 64.5 96.7

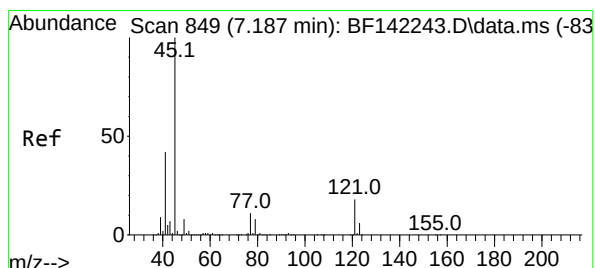
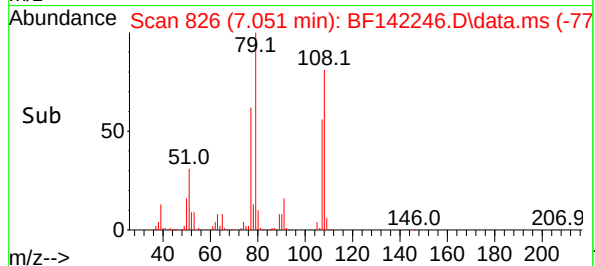
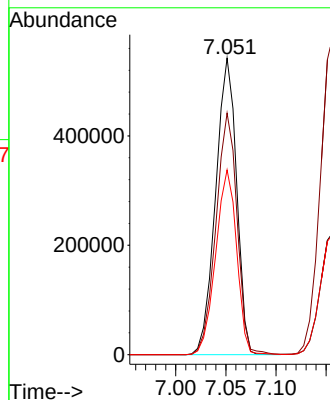
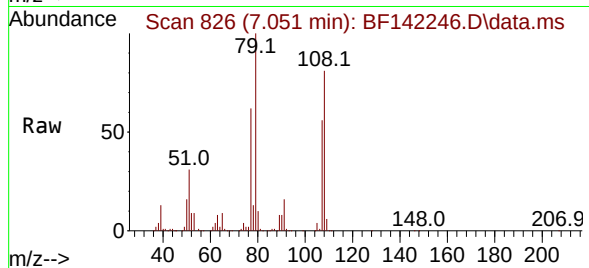
77 62.3 49.2 73.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.749 ng

RT: 7.186 min Scan# 849

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

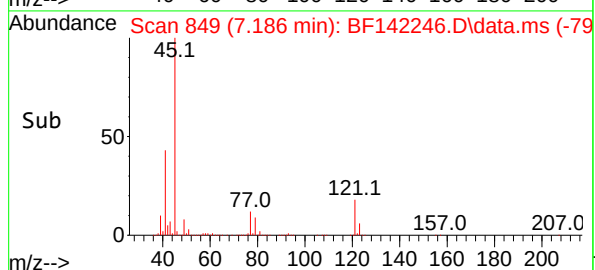
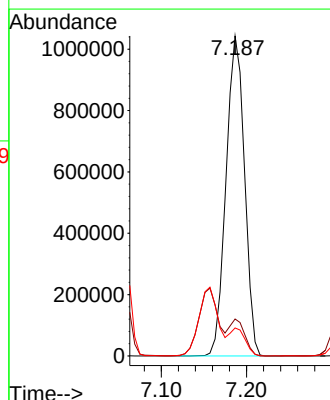
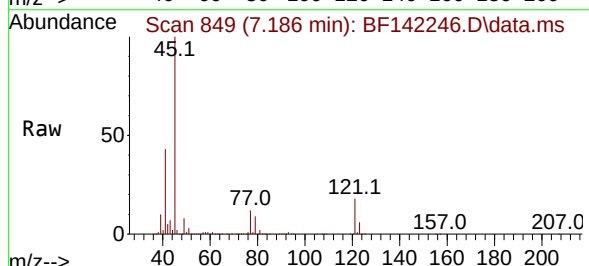
Tgt Ion: 45 Resp: 1573151

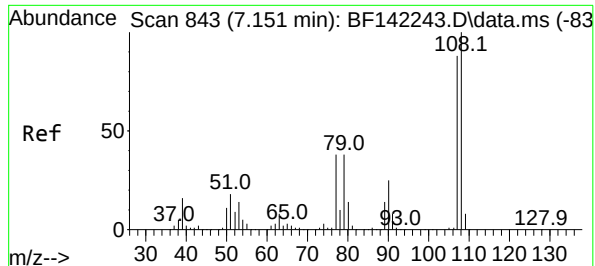
Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.3

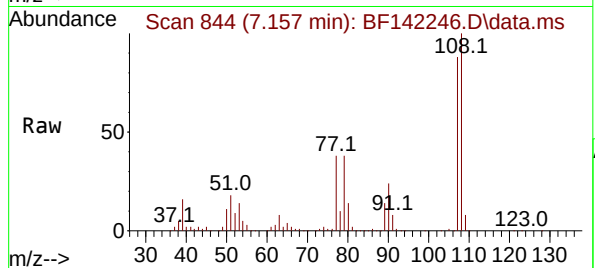
79 8.8 0.0 28.5





#17
2-Methylphenol
Concen: 74.219 ng
RT: 7.157 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

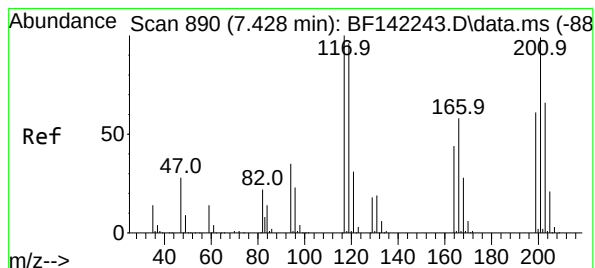
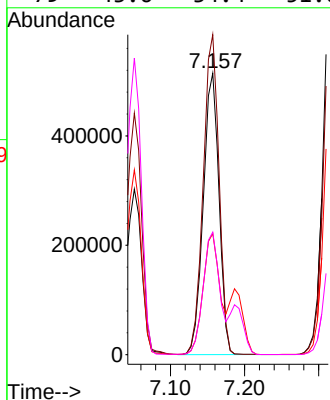
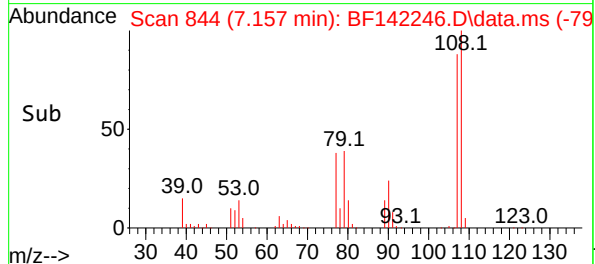
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 757239
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 43.0 34.4 51.6
79 43.6 34.4 51.6

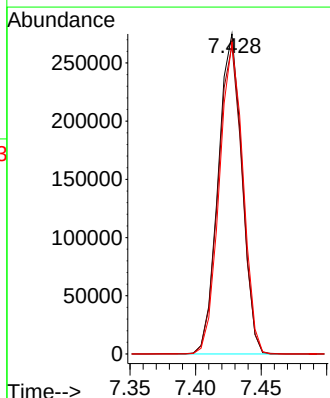
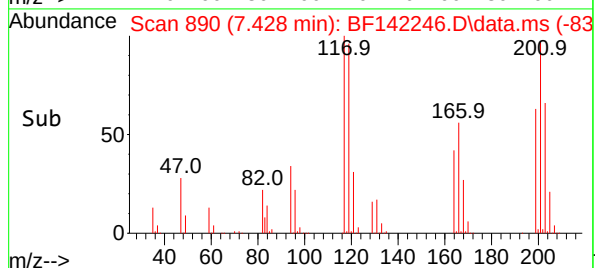
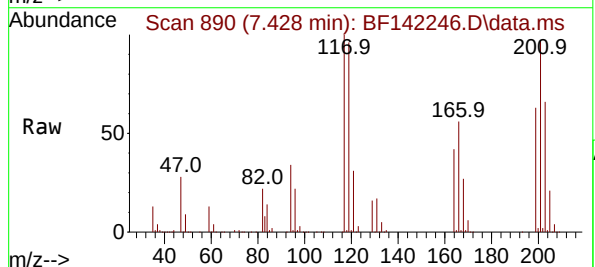
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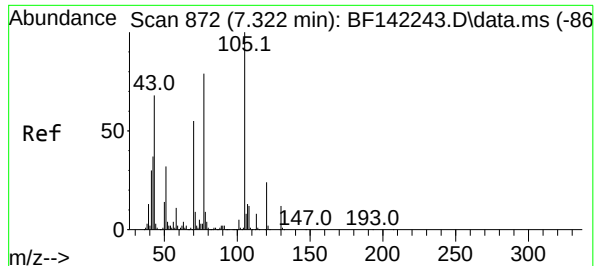
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#18
Hexachloroethane
Concen: 74.757 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:117 Resp: 347325
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 97.4 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 72.291 ng

RT: 7.334 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 650174

Ion Ratio Lower Upper

70 100

42 66.3 53.4 80.2

101 10.0 7.7 11.5

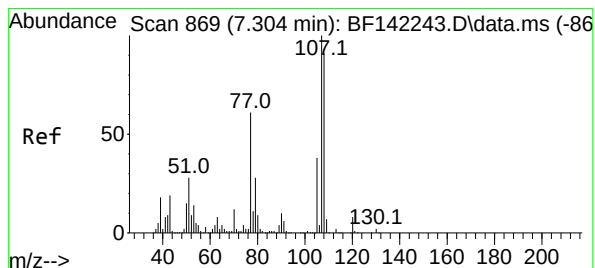
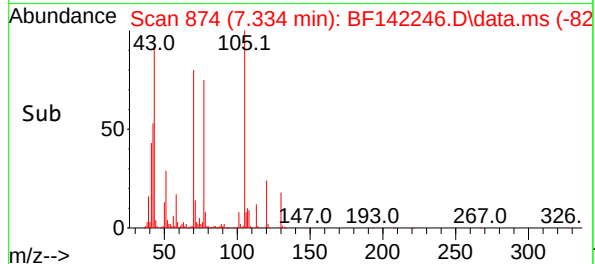
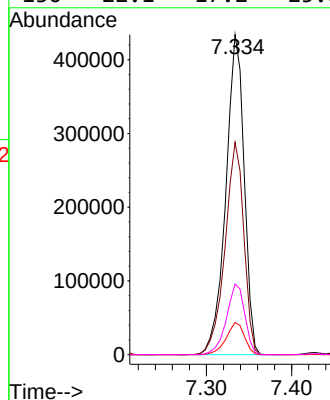
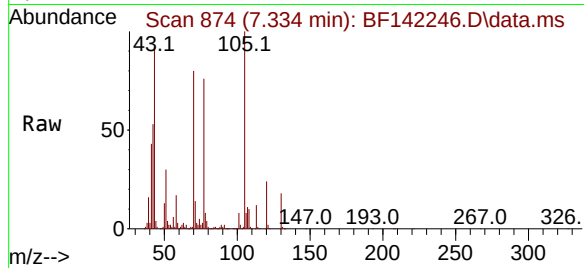
130 22.1 17.2 25.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 70.340 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 897475

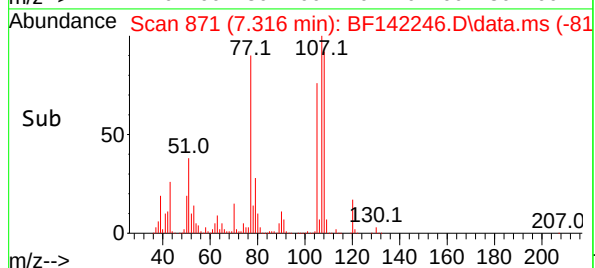
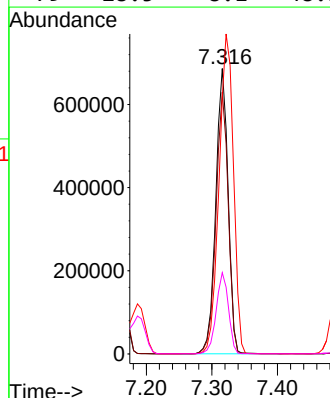
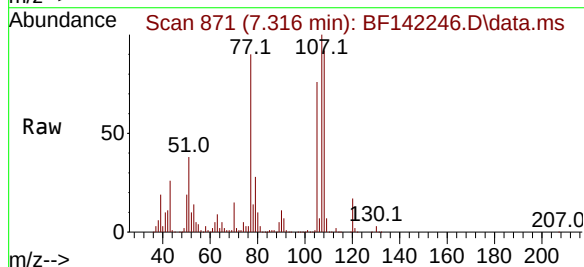
Ion Ratio Lower Upper

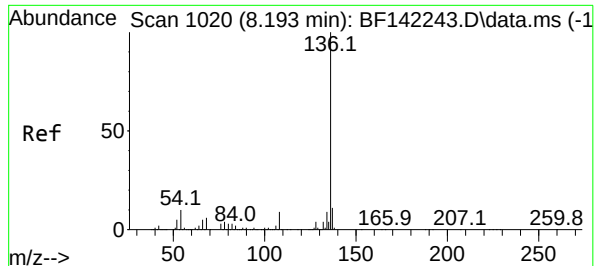
107 100

108 91.7 71.2 111.2

77 89.8 41.1 81.1

79 28.5 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.001 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 730774

Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.0 7.7 11.5

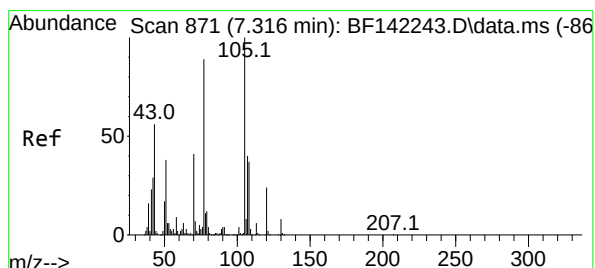
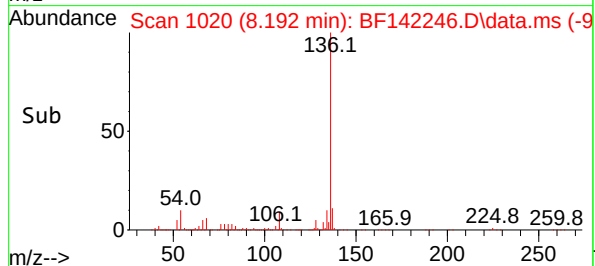
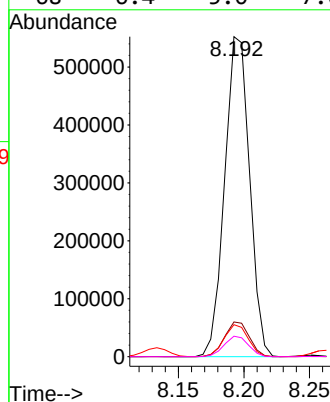
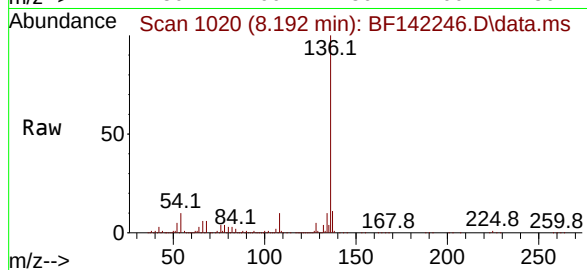
68 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#22

Acetophenone

Concen: 69.853 ng

RT: 7.328 min Scan# 873

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Tgt Ion:105 Resp: 1180939

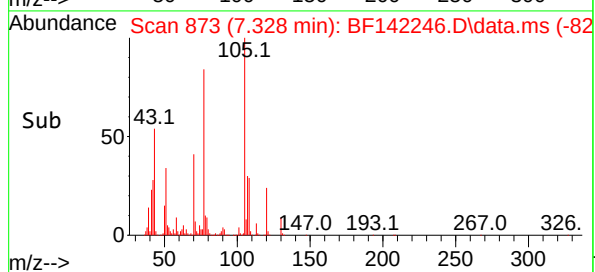
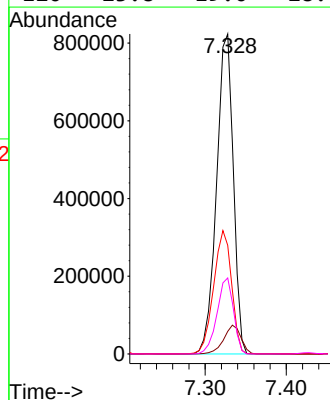
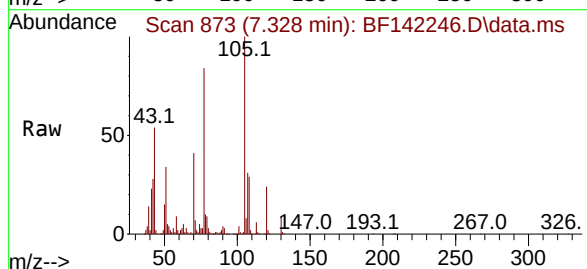
Ion Ratio Lower Upper

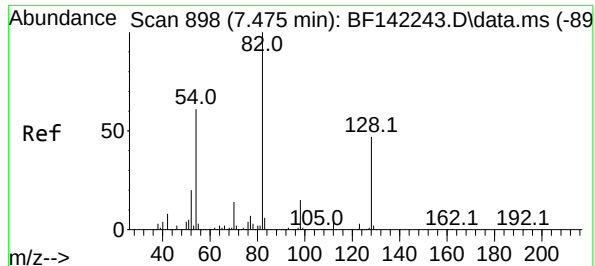
105 100

71 7.0 5.7 8.5

51 33.9 30.1 45.1

120 23.8 19.0 28.4





#23

Nitrobenzene-d5

Concen: 173.477 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 192964

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.6

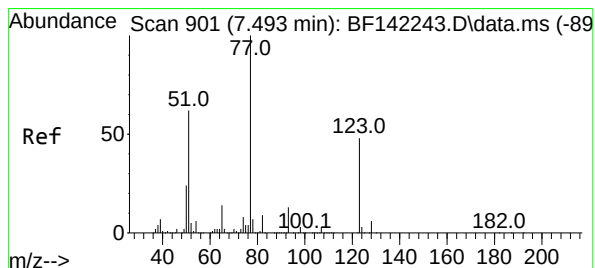
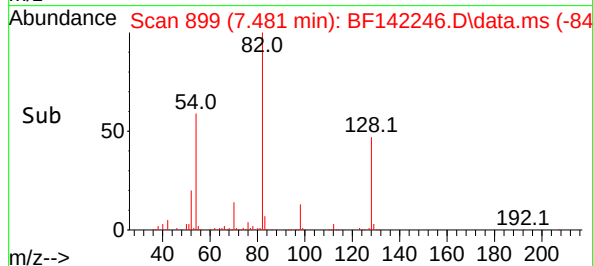
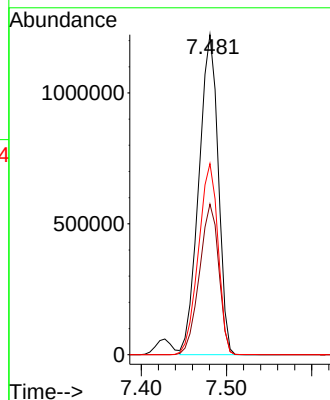
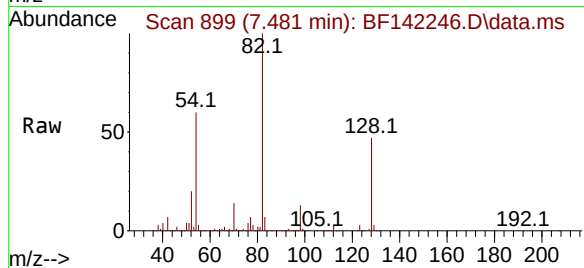
54 59.7 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 84.046 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

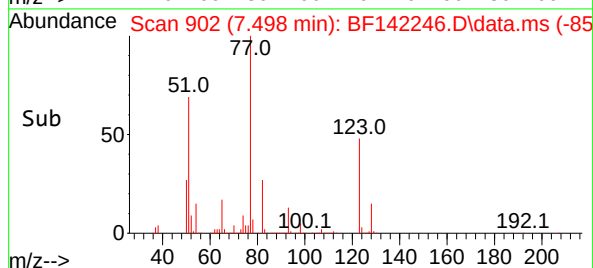
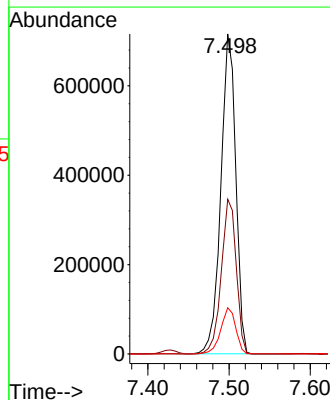
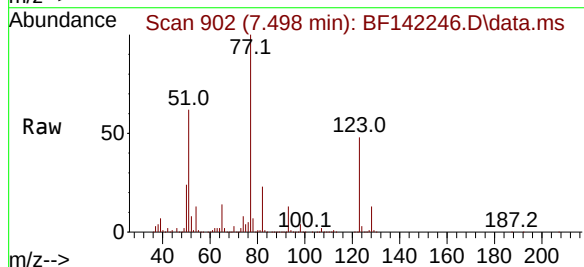
Tgt Ion: 77 Resp: 917286

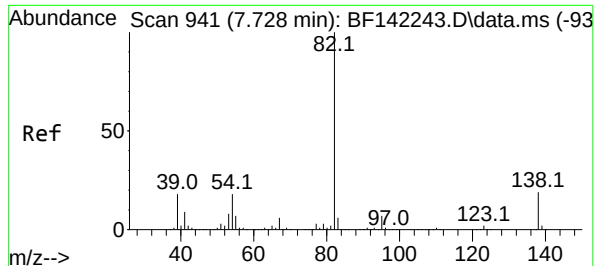
Ion Ratio Lower Upper

77 100

123 48.4 38.6 58.0

65 14.4 11.5 17.3





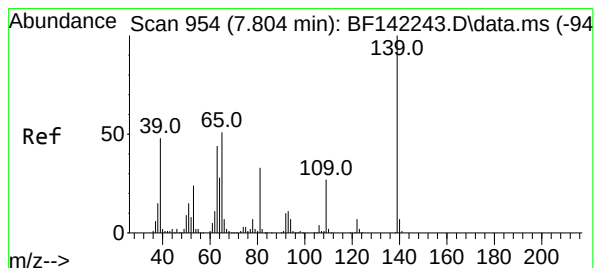
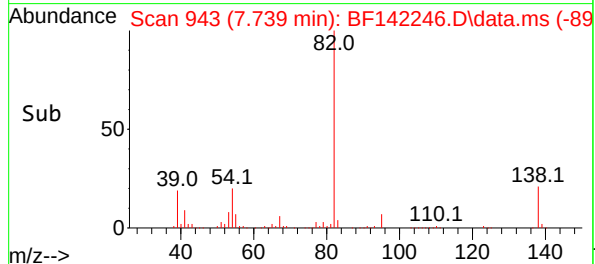
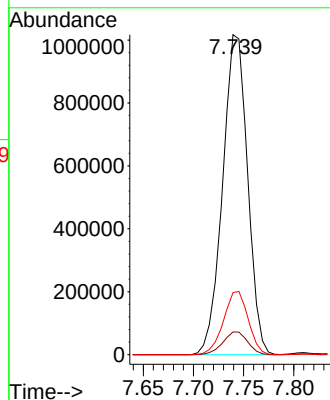
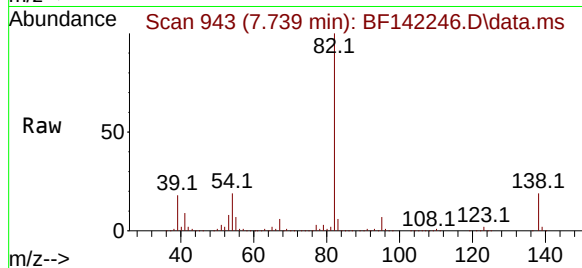
#25
Isophorone
Concen: 75.306 ng
RT: 7.739 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1758014
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.4 15.3 22.9

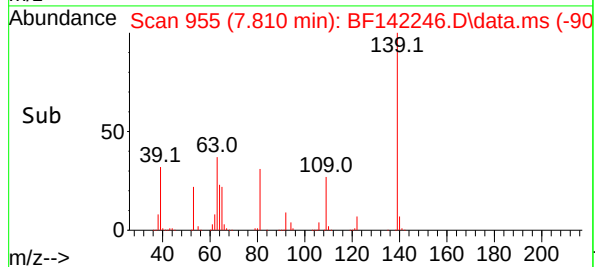
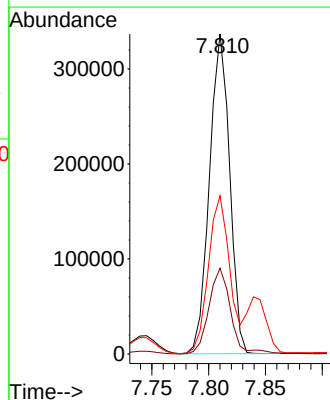
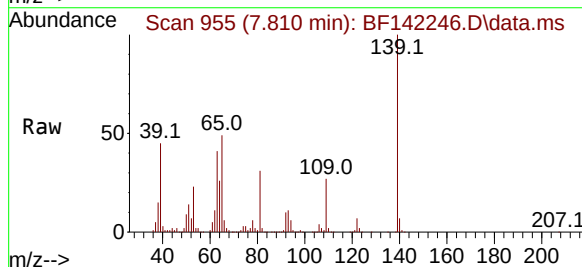
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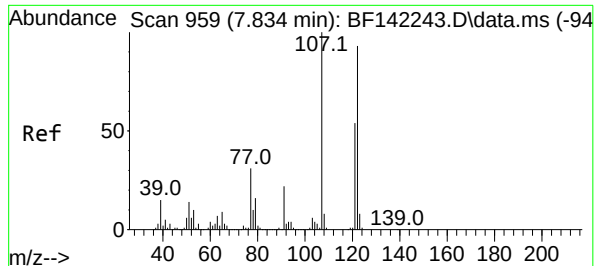
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 79.254 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:139 Resp: 416387
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.8
65 49.4 41.1 61.7





#27
2,4-Dimethylphenol
Concen: 75.098 ng
RT: 7.839 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

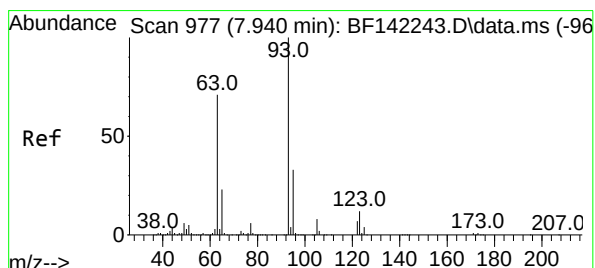
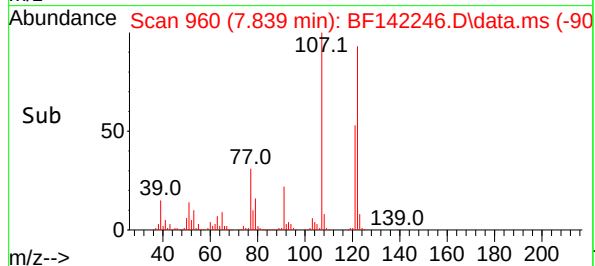
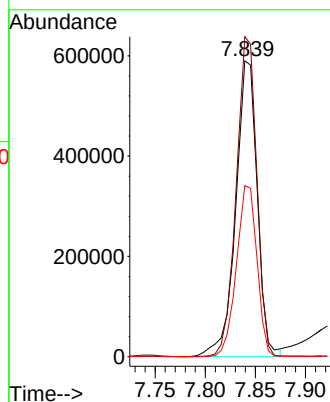
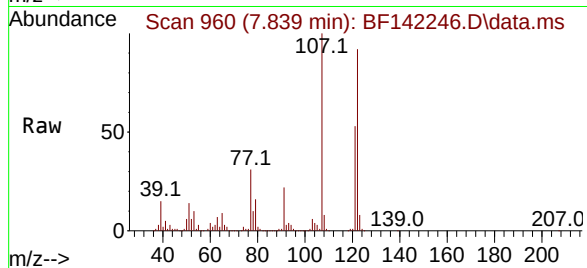
SSTDICC080

Tgt Ion:122 Resp: 88392
Ion Ratio Lower Upper
122 100
107 108.1 86.0 129.0
121 57.8 46.3 69.5

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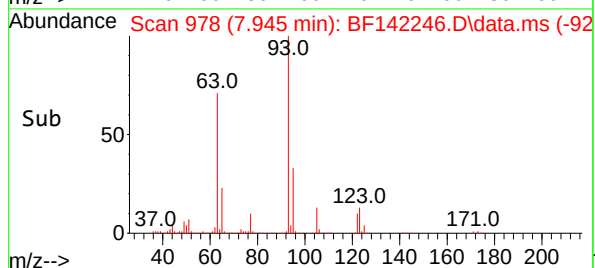
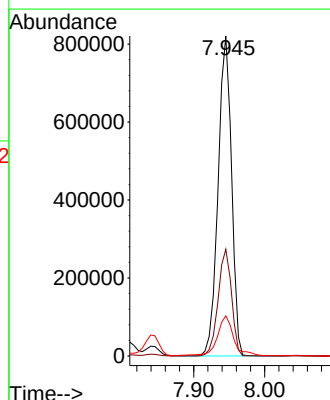
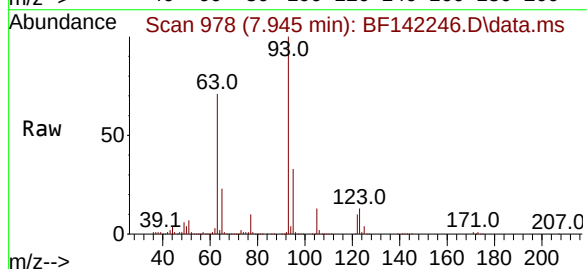
APPROVED

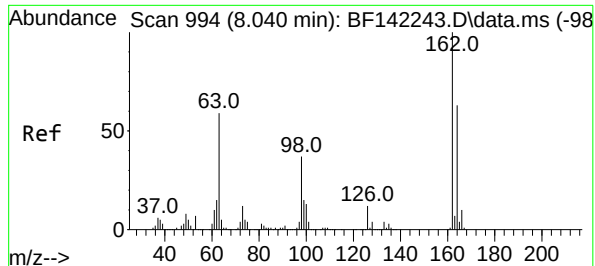
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#28
bis(2-Chloroethoxy)methane
Concen: 72.702 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 93 Resp: 1070383
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 78.103 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 768570

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

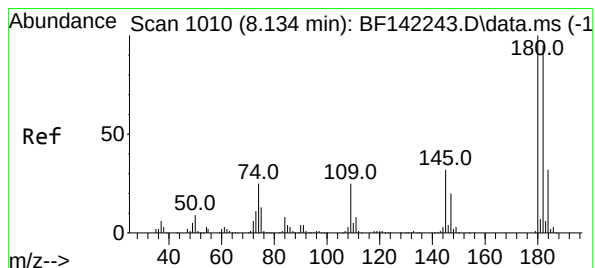
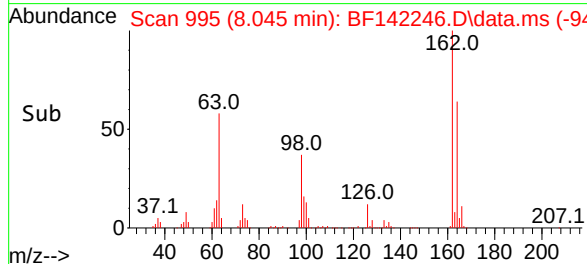
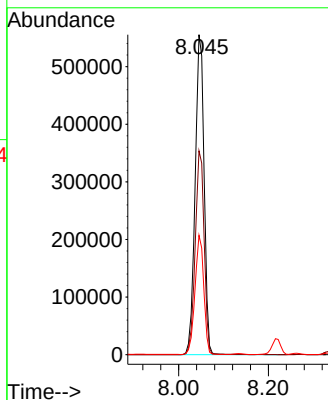
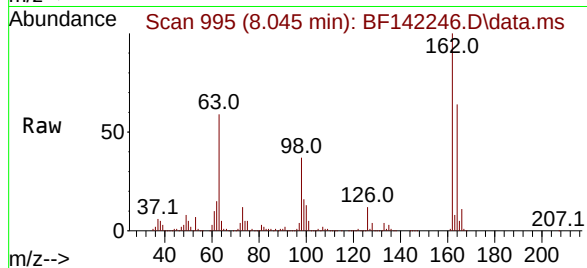
98 37.3 16.7 56.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

Concen: 72.623 ng

RT: 8.133 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

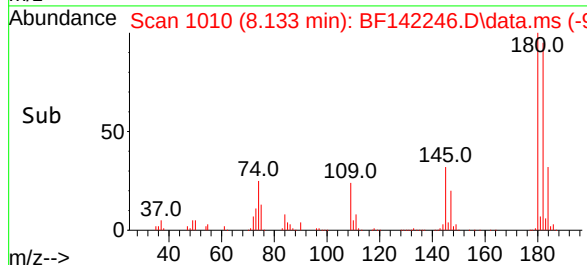
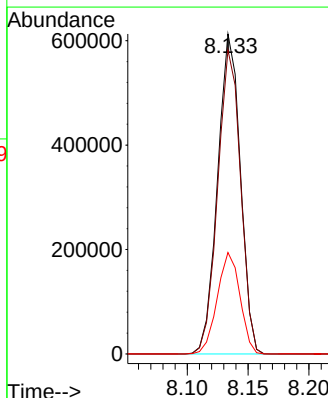
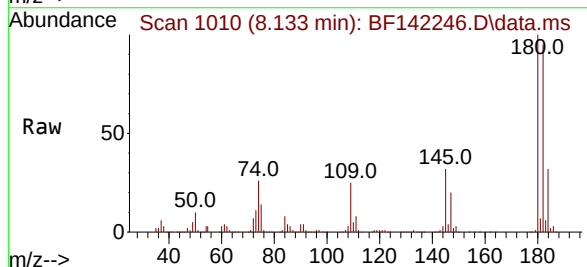
Tgt Ion:180 Resp: 797476

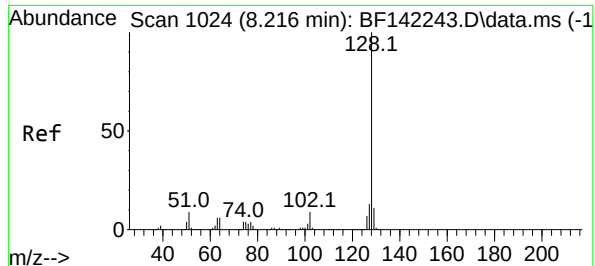
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

145 31.7 25.4 38.0





#31

Naphthalene

Concen: 68.820 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:128 Resp: 250808

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

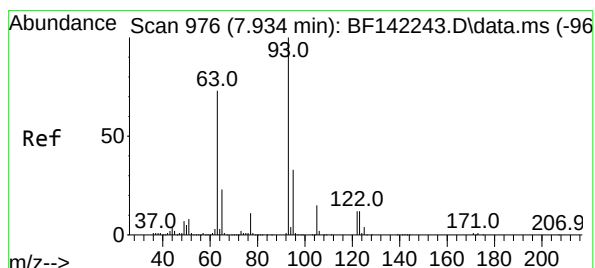
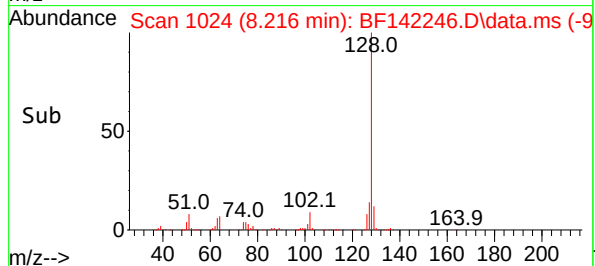
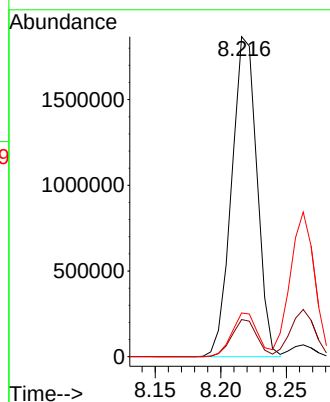
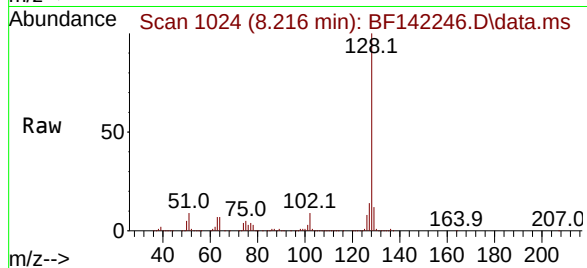
127 13.7 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#32

Benzoic acid

Concen: 83.328 ng m

RT: 7.969 min Scan# 982

Delta R.T. 0.035 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

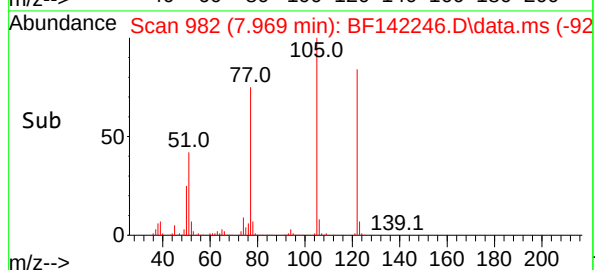
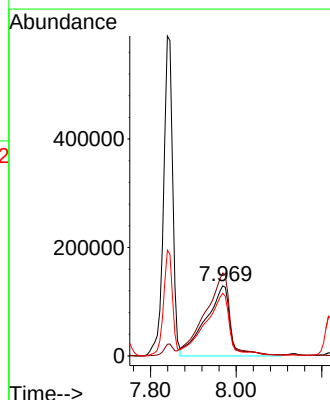
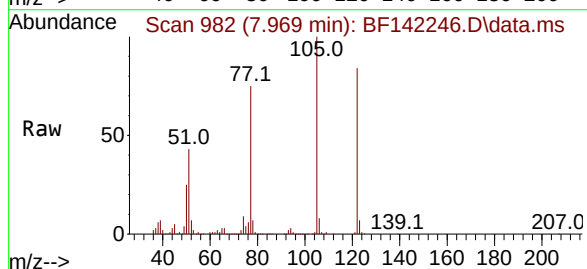
Tgt Ion:122 Resp: 523215

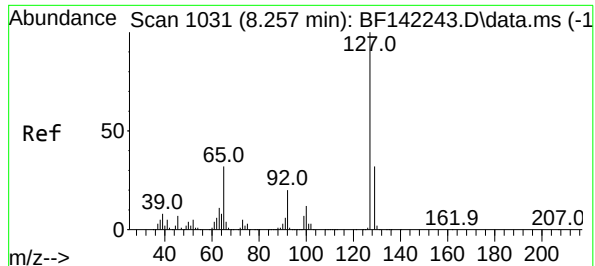
Ion Ratio Lower Upper

122 100

105 118.4 98.2 138.2

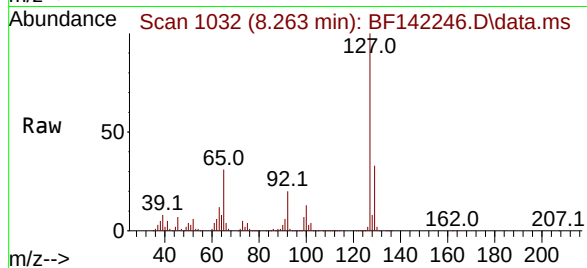
77 89.2 66.8 106.8





#33
4-Chloroaniline
Concen: 71.465 ng
RT: 8.263 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

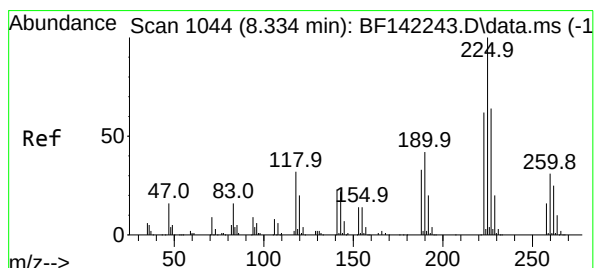
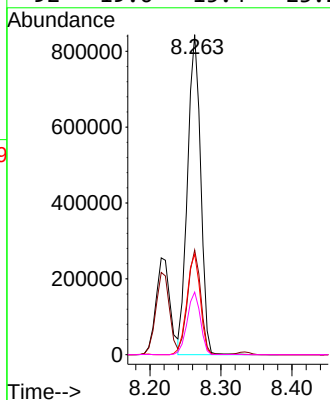
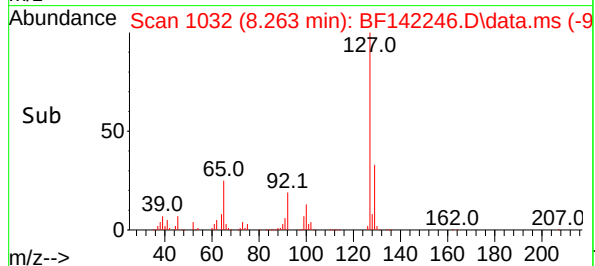
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



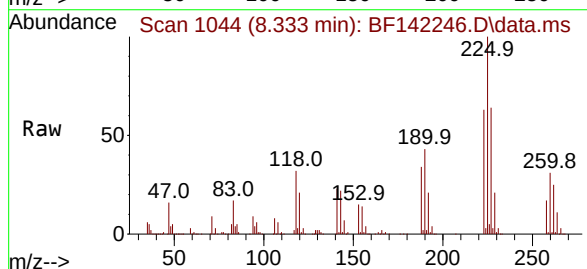
Tgt Ion:127 Resp: 108454
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 31.4 25.5 38.3
92 19.6 15.4 23.2

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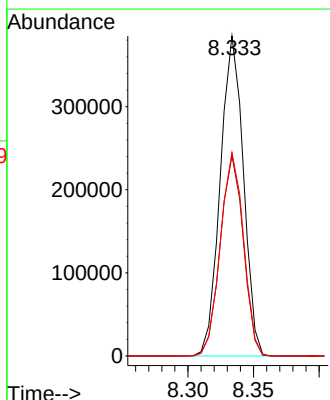
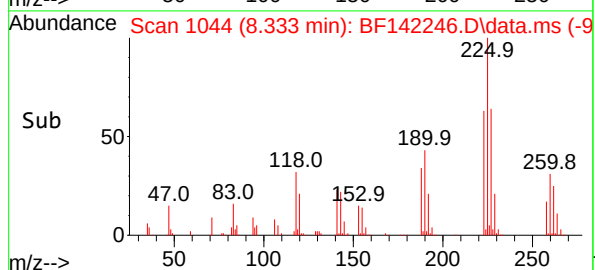
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

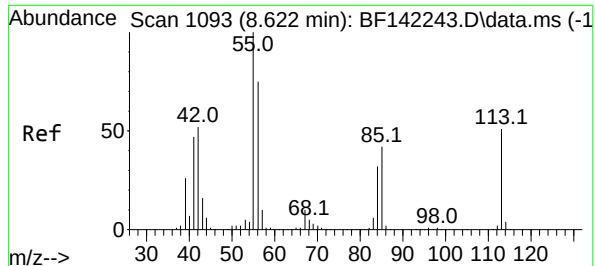


#34
Hexachlorobutadiene
Concen: 73.564 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



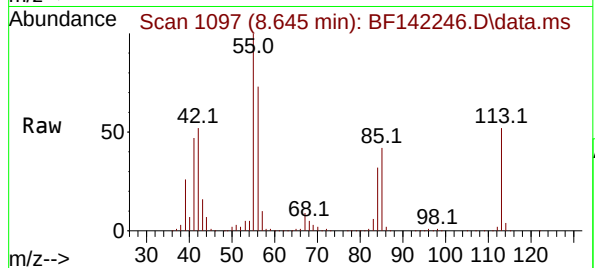
Tgt Ion:225 Resp: 471301
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 63.6 51.0 76.4





#35
Caprolactam
Concen: 81.958 ng
RT: 8.645 min Scan# 1093
Delta R.T. 0.023 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

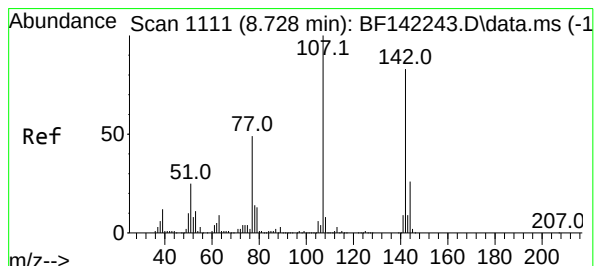
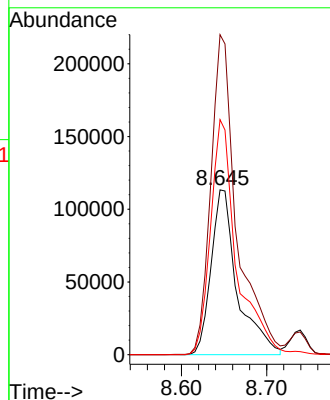
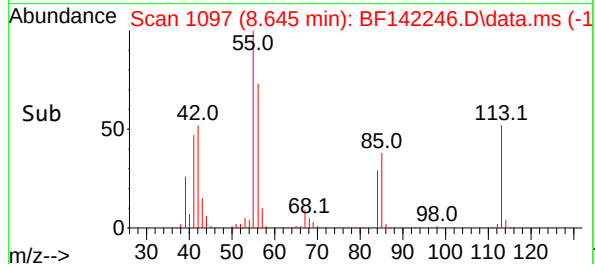
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 242414
Ion Ratio Lower Upper
113 100
55 194.1 177.7 217.7
56 142.5 127.1 167.1

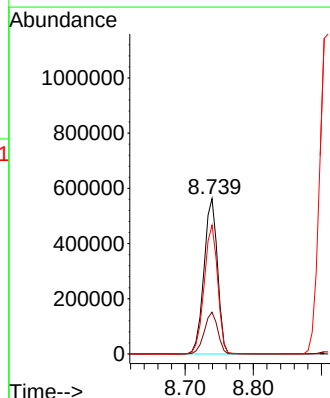
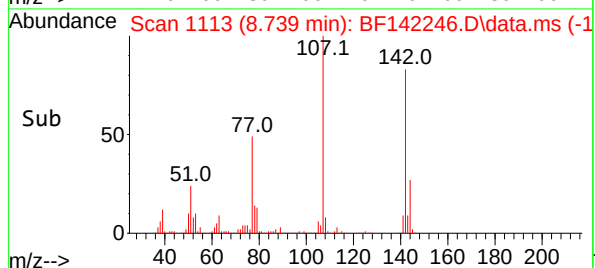
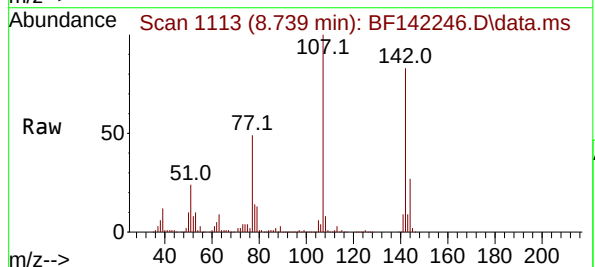
Manual Integrations
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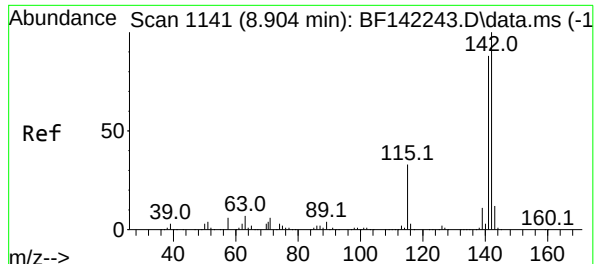
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#36
4-Chloro-3-methylphenol
Concen: 76.844 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 776483
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.4
142 82.9 66.1 99.1





#37

2-Methylnaphthalene

Concen: 69.615 ng

RT: 8.910 min Scan# 1142

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 155985

Ion Ratio Lower Upper

142 100

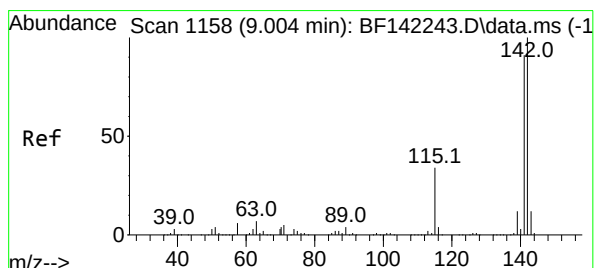
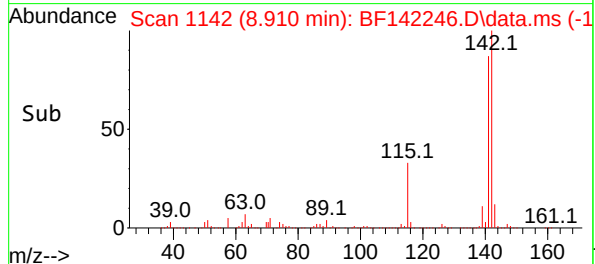
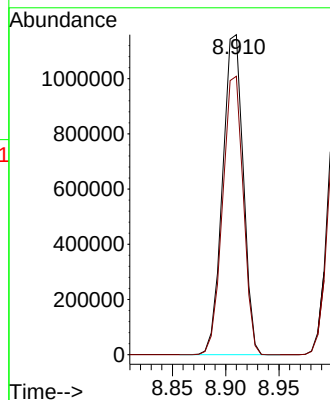
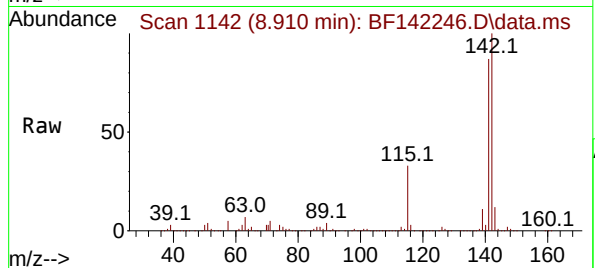
141 87.0 70.5 105.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#38

1-Methylnaphthalene

Concen: 68.237 ng

RT: 9.010 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF142246.D

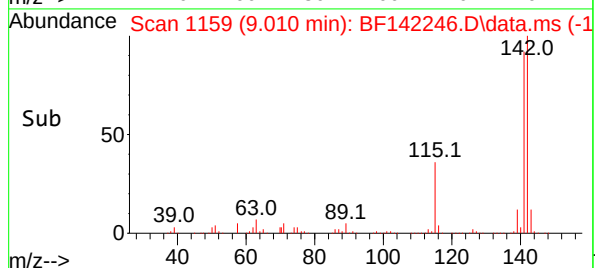
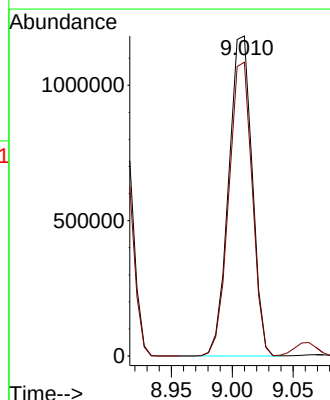
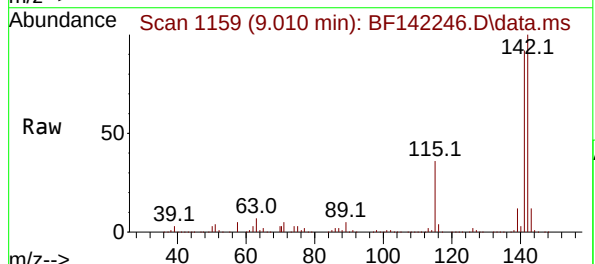
Acq: 30 Apr 2025 14:43

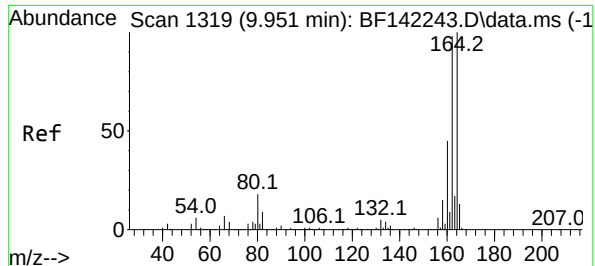
Tgt Ion:142 Resp: 1583955

Ion Ratio Lower Upper

142 100

141 91.8 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF142246.D

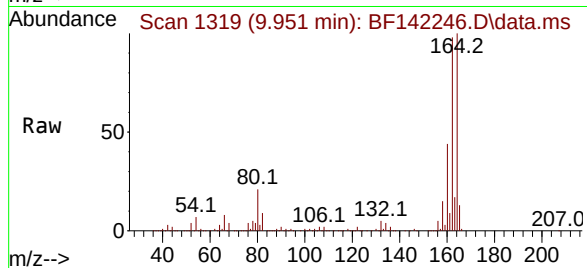
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 381378

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

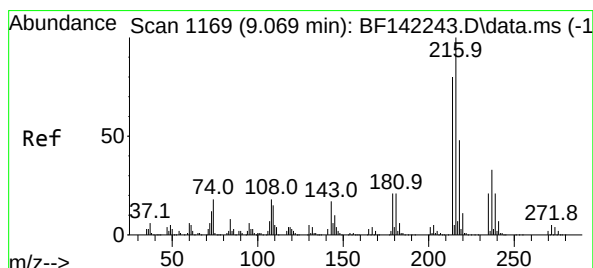
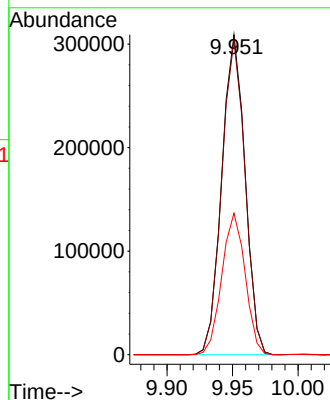
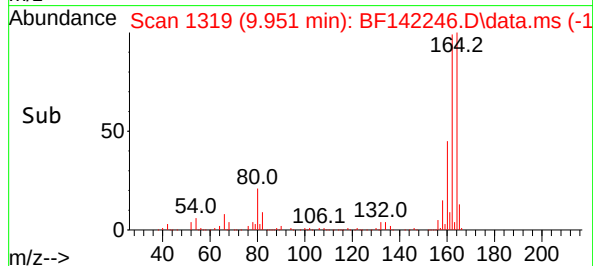
160 44.2 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.548 ng

RT: 9.075 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Tgt Ion:216 Resp: 757210

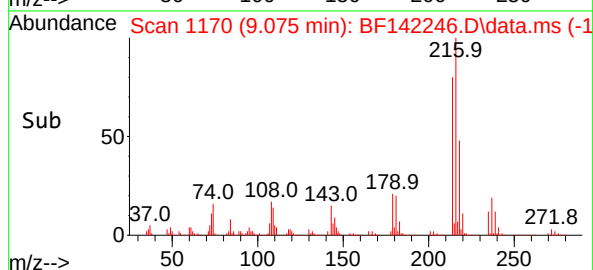
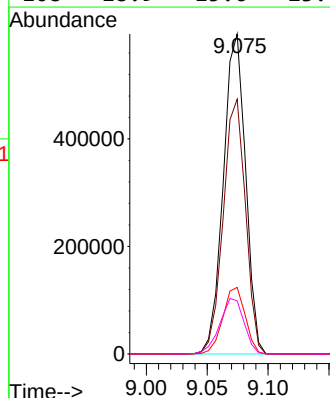
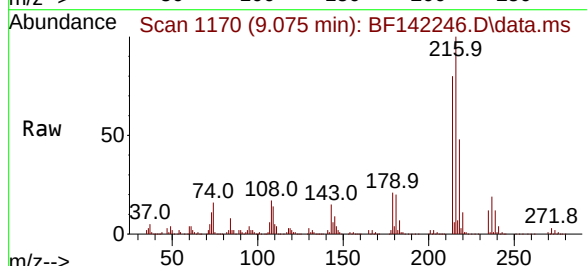
Ion Ratio Lower Upper

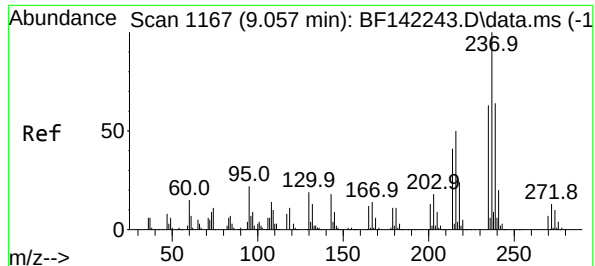
216 100

214 79.7 63.8 95.6

179 21.0 16.7 25.1

108 18.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 85.886 ng

RT: 9.063 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:237 Resp: 523180

Ion Ratio Lower Upper

237 100

235 64.0 43.5 83.5

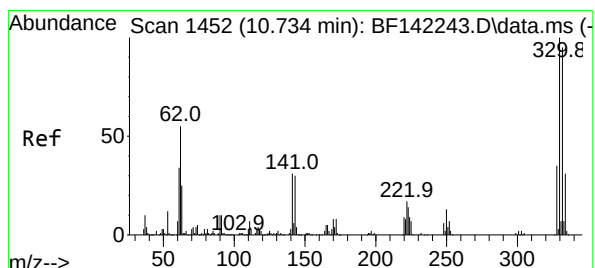
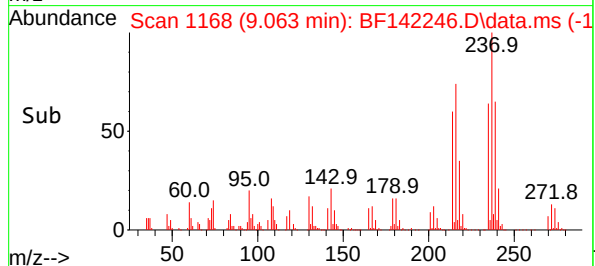
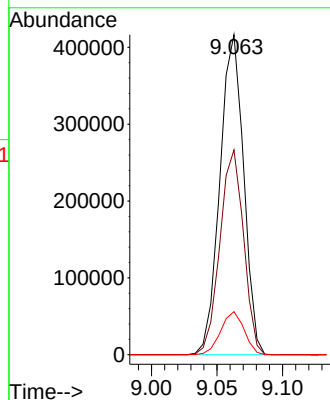
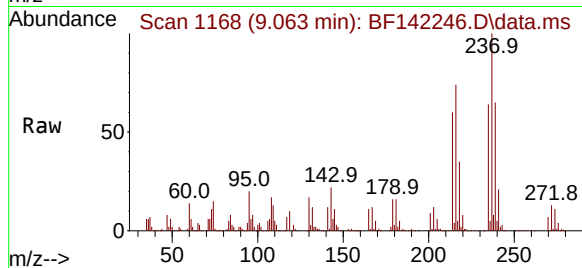
272 13.5 0.0 32.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#42

2,4,6-Tribromophenol

Concen: 166.657 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

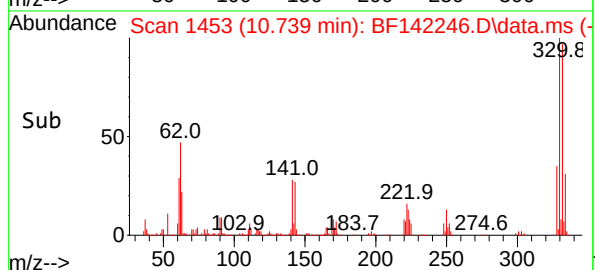
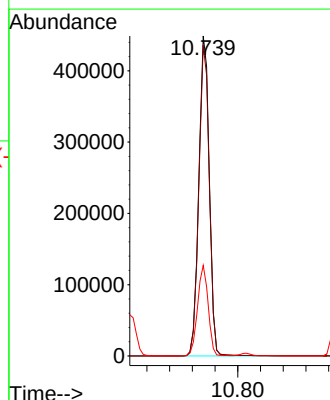
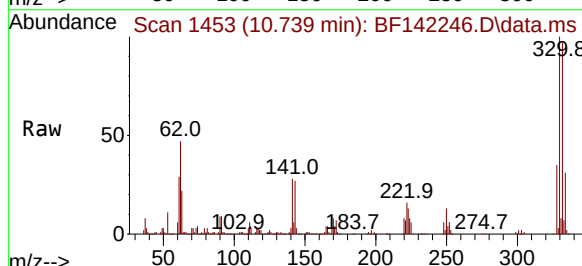
Tgt Ion:330 Resp: 579431

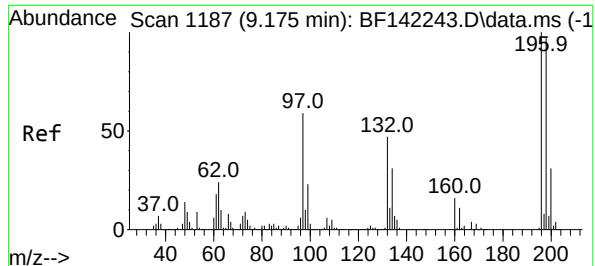
Ion Ratio Lower Upper

330 100

332 97.1 76.5 114.7

141 28.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 81.996 ng

RT: 9.180 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF142246.D

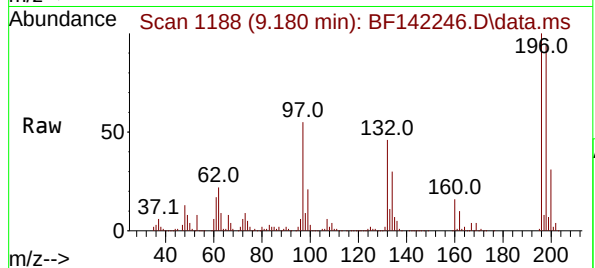
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 545358

Ion Ratio Lower Upper

196 100

198 93.9 77.4 116.2

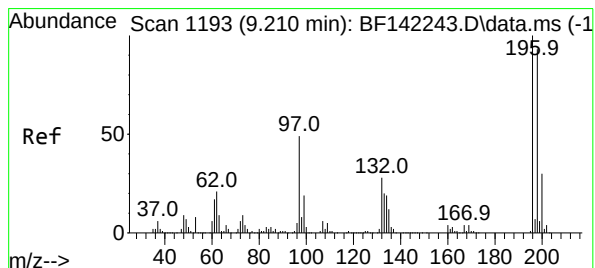
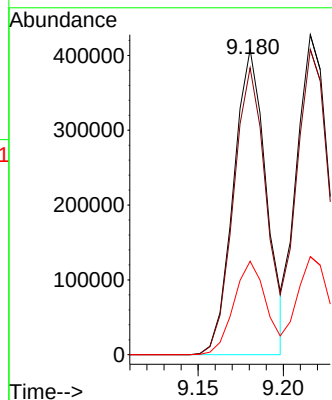
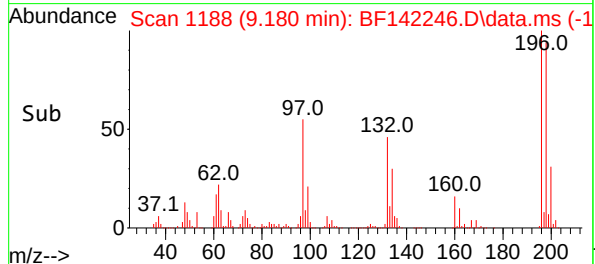
200 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

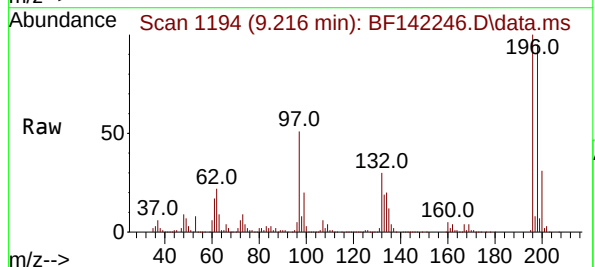
Concen: 79.732 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43



Tgt Ion:196 Resp: 557542

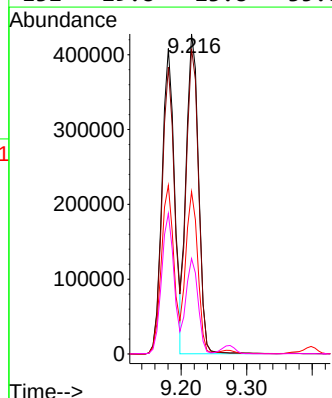
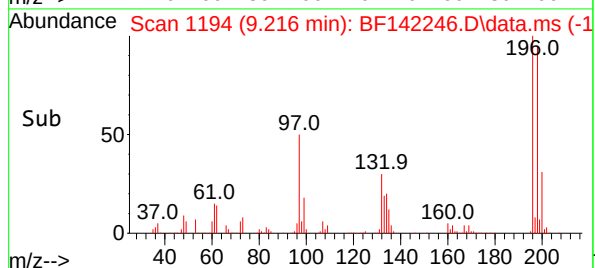
Ion Ratio Lower Upper

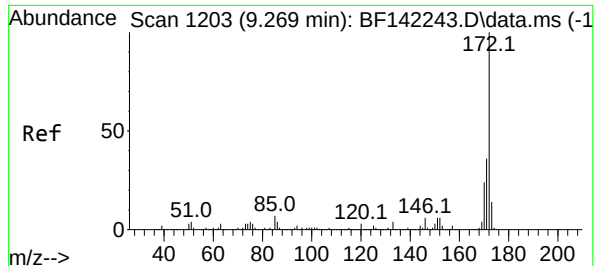
196 100

198 95.4 75.2 112.8

97 50.7 39.8 59.8

132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 125.694 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 339986

Ion Ratio Lower Upper

172 100

171 36.9 29.0 43.4

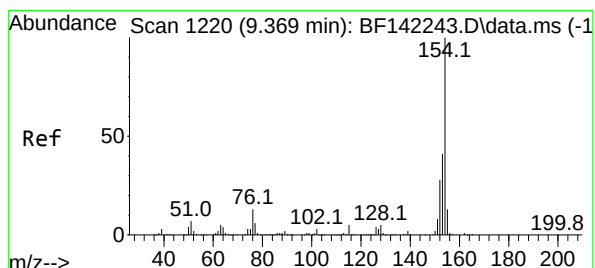
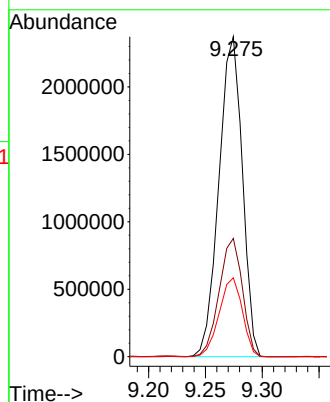
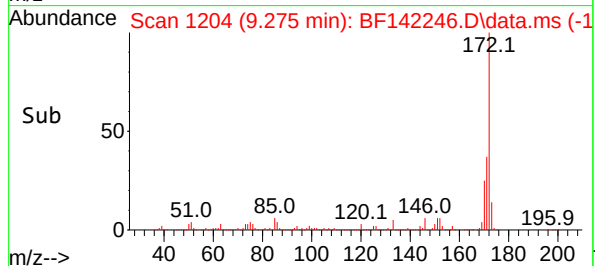
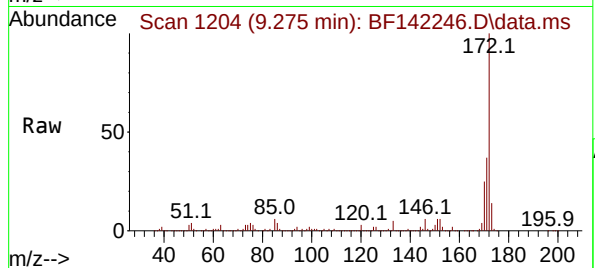
170 24.6 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#46

1,1'-Biphenyl

Concen: 67.691 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

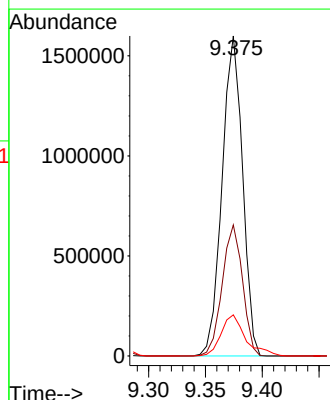
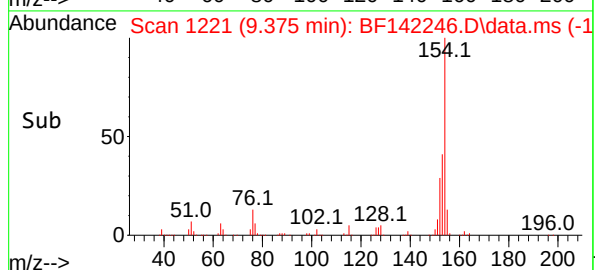
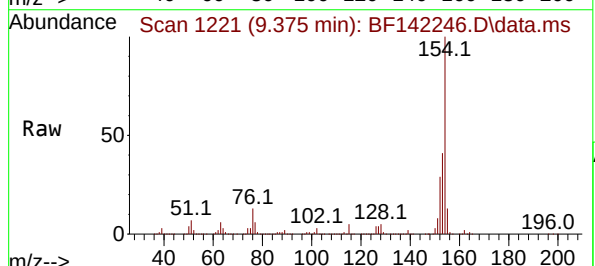
Tgt Ion:154 Resp: 2006955

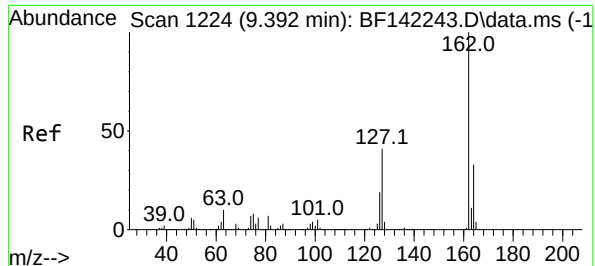
Ion Ratio Lower Upper

154 100

153 40.9 20.5 60.5

76 12.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 70.140 ng

RT: 9.398 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 154720

Ion Ratio Lower Upper

162 100

127 41.9 32.6 49.0

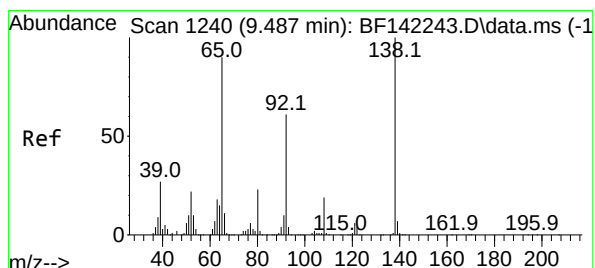
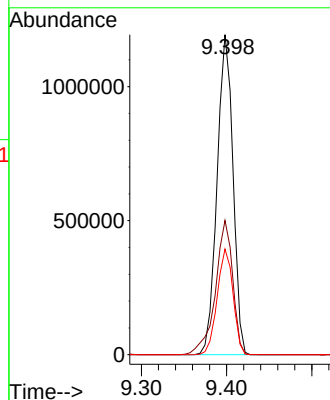
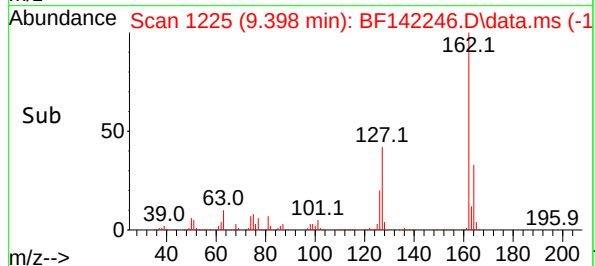
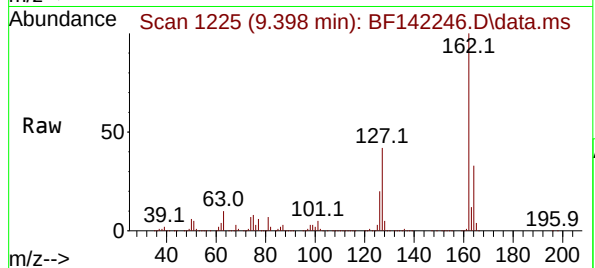
164 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 79.390 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

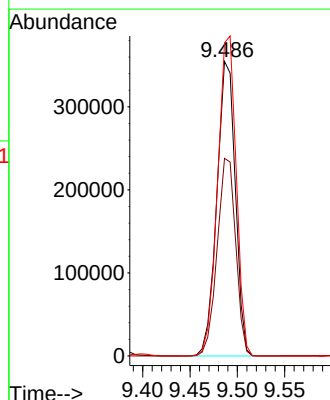
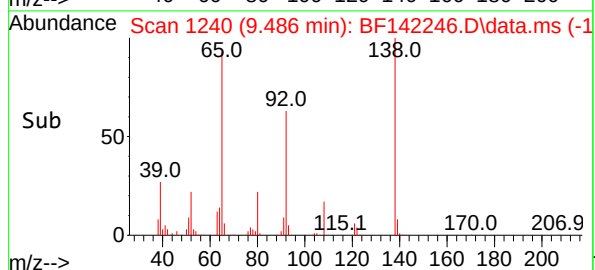
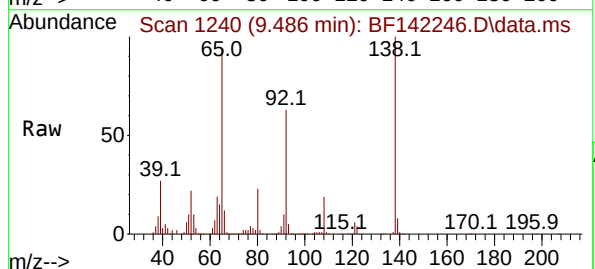
Tgt Ion: 65 Resp: 481954

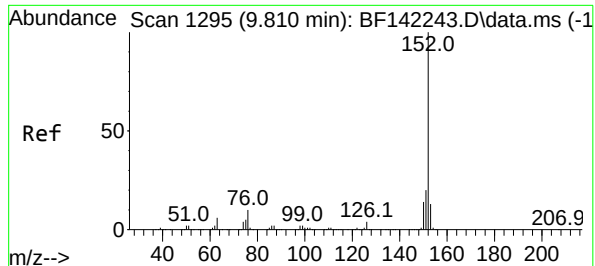
Ion Ratio Lower Upper

65 100

92 67.1 54.3 81.5

138 106.4 88.6 133.0





#49

Acenaphthylene

Concen: 68.650 ng

RT: 9.816 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF142246.D

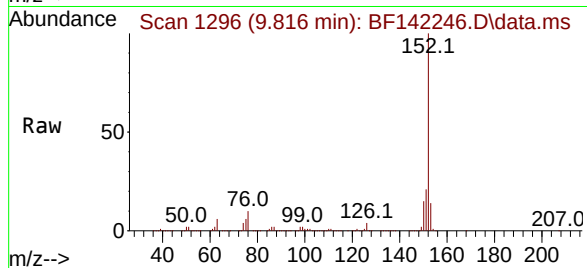
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 255538

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

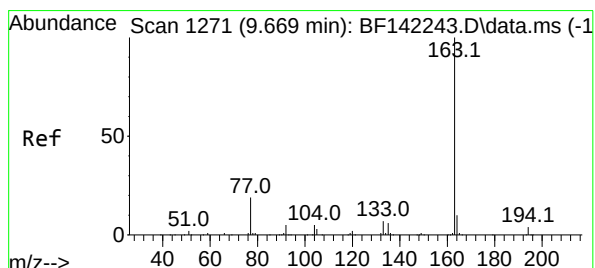
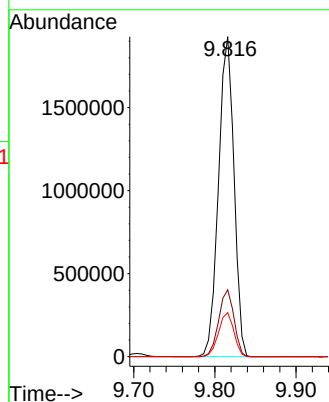
153 13.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#50

Dimethylphthalate

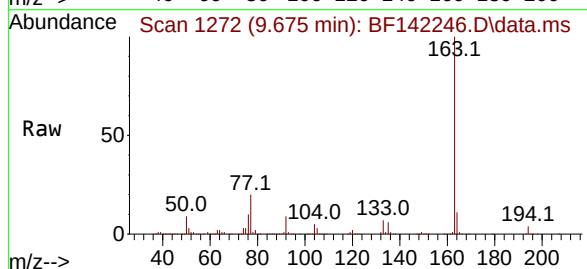
Concen: 72.052 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43



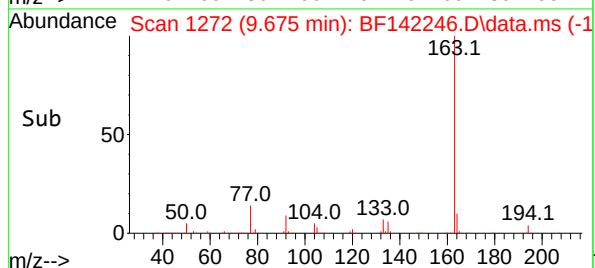
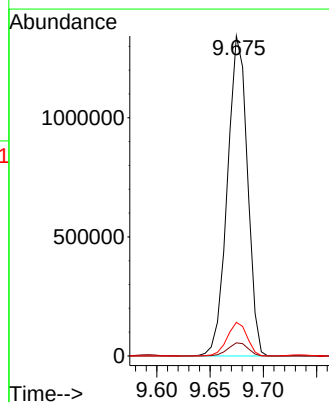
Tgt Ion:163 Resp: 1757977

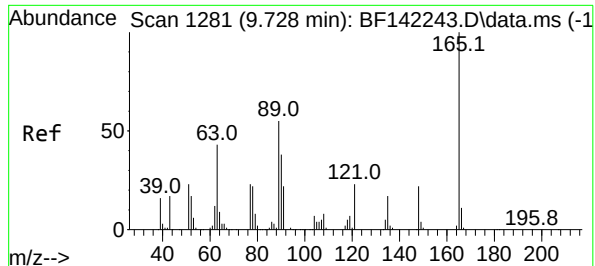
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

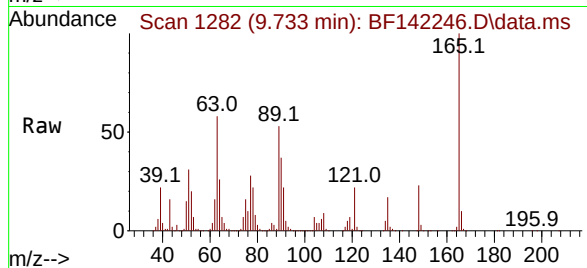
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 78.246 ng
RT: 9.733 min Scan# 1281
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

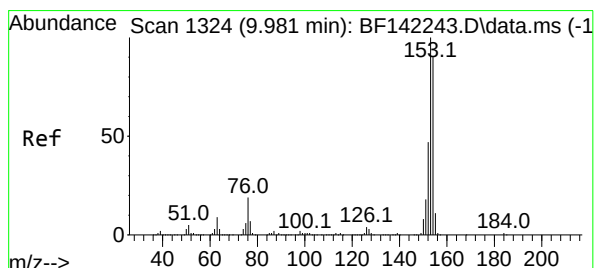
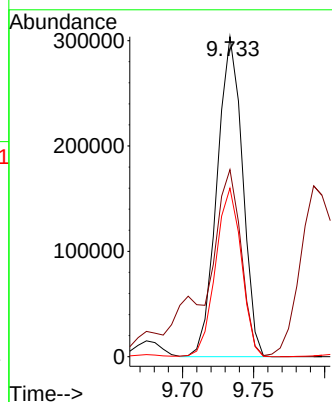
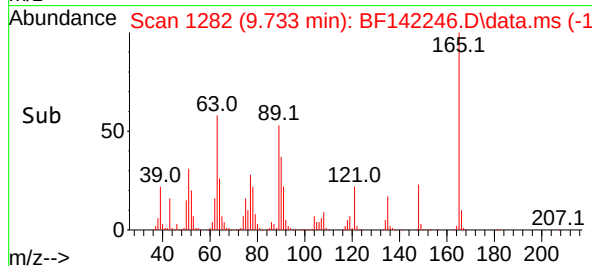
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



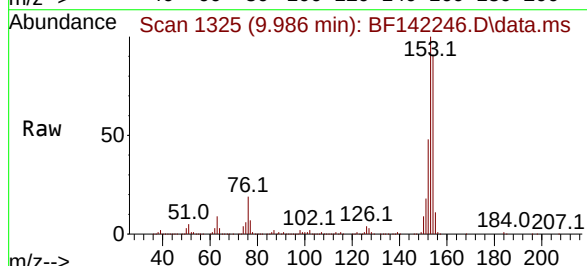
Tgt Ion:165 Resp: 37912
Ion Ratio Lower Upper
165 100
63 58.4 48.5 72.7
89 52.7 43.9 65.9

Manual Integrations
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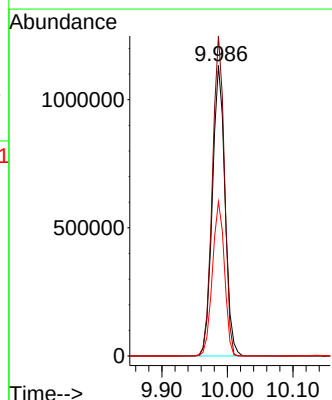
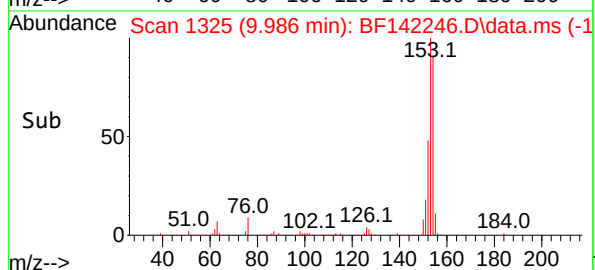
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

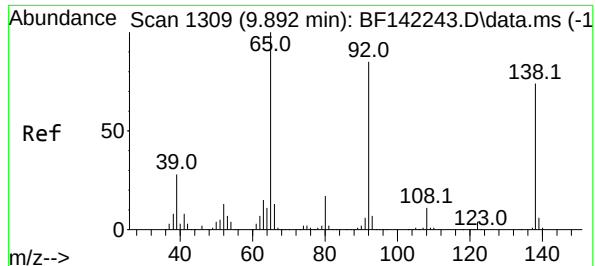


#52
Acenaphthene
Concen: 69.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



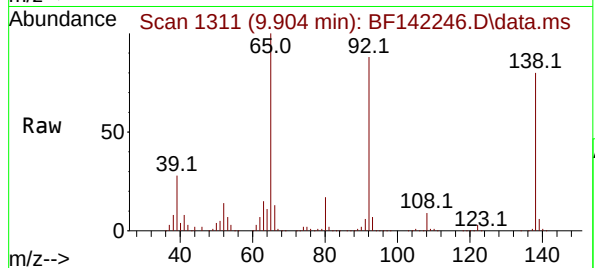
Tgt Ion:154 Resp: 1517991
Ion Ratio Lower Upper
154 100
153 110.2 88.6 133.0
152 53.1 42.1 63.1





#53
3-Nitroaniline
Concen: 78.061 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

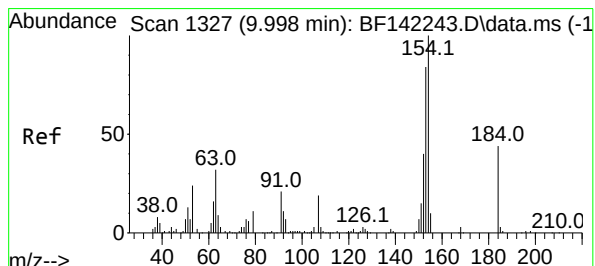
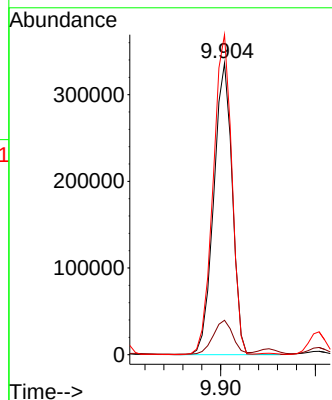
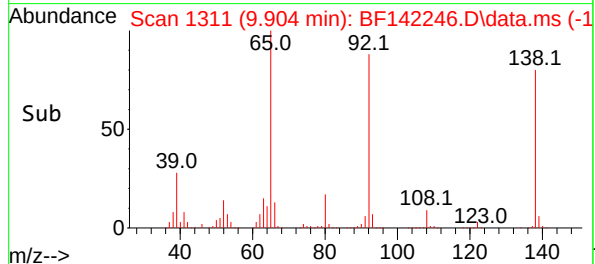
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



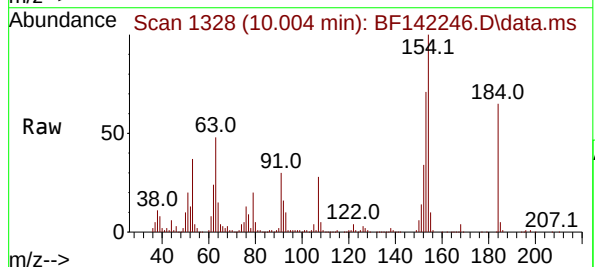
Tgt Ion:138 Resp: 45657
Ion Ratio Lower Upper
138 100
108 11.8 11.7 17.5
92 109.7 91.2 136.8

Manual Integrations
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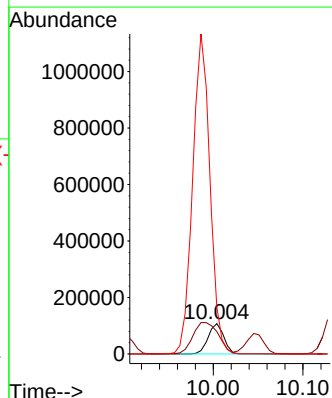
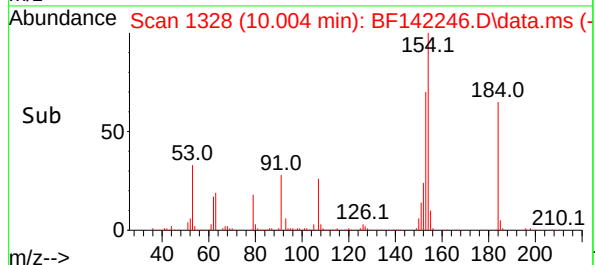
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

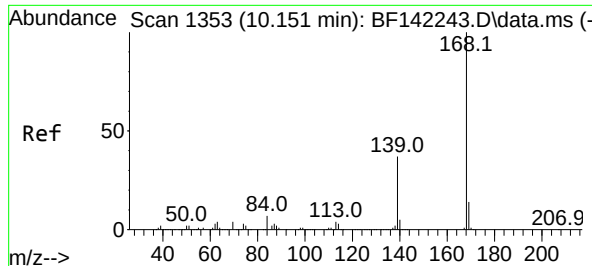


#54
2,4-Dinitrophenol
Concen: 79.532 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion:184 Resp: 129817
Ion Ratio Lower Upper
184 100
63 73.9 69.2 103.8
154 153.5 271.4 407.2#





#55

Dibenzenofuran

Concen: 68.664 ng

RT: 10.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 2237085

Ion Ratio Lower Upper

168 100

139 38.0 29.4 44.0

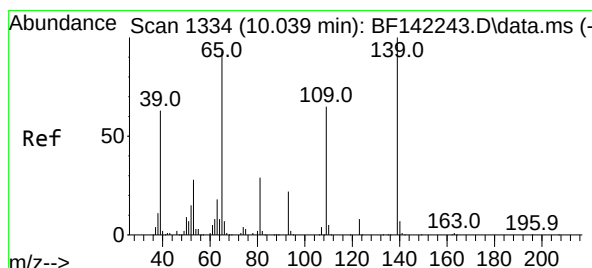
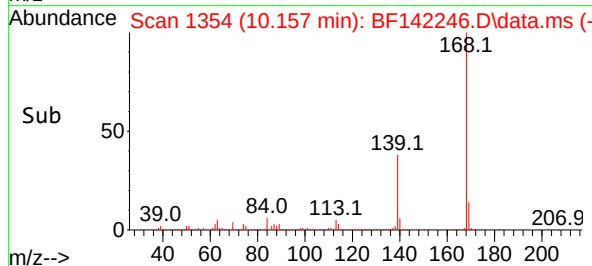
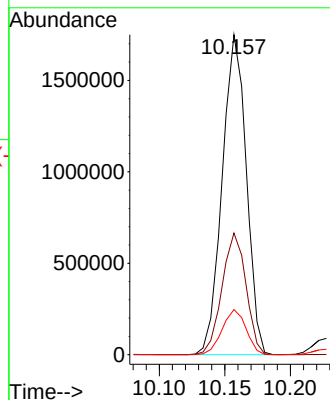
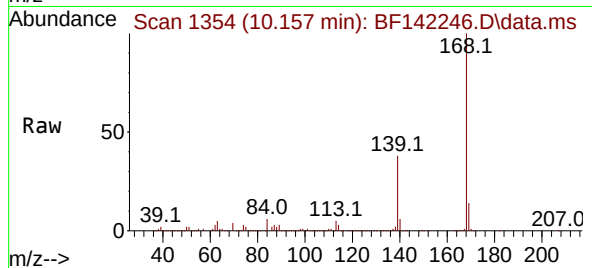
169 14.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 87.357 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

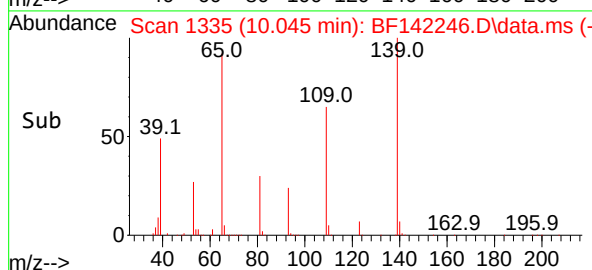
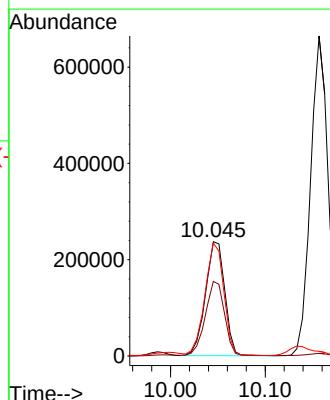
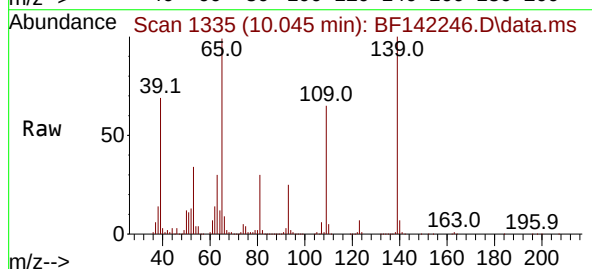
Tgt Ion:139 Resp: 335015

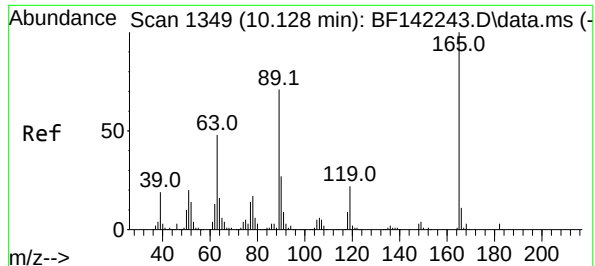
Ion Ratio Lower Upper

139 100

109 65.2 44.9 84.9

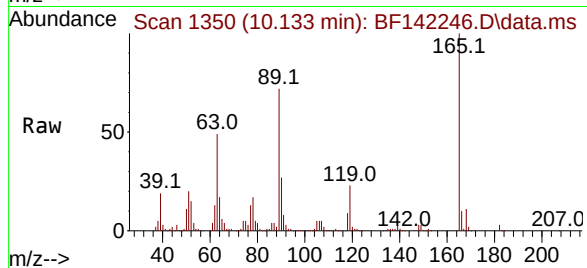
65 98.8 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 78.915 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

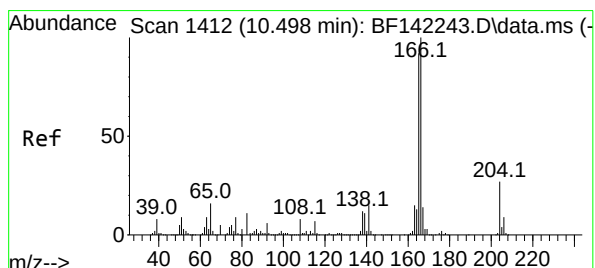
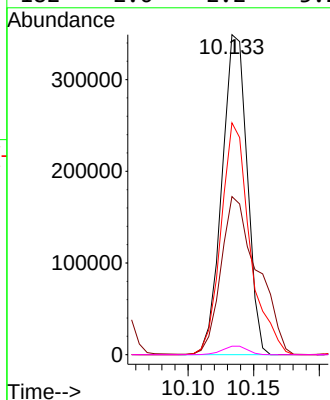
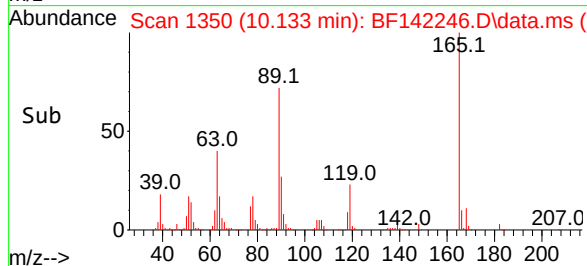
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 467549
Ion Ratio Lower Upper
165 100
63 49.4 38.8 58.2
89 72.5 57.1 85.7
182 2.6 2.2 3.2

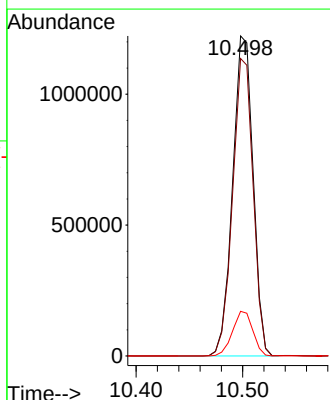
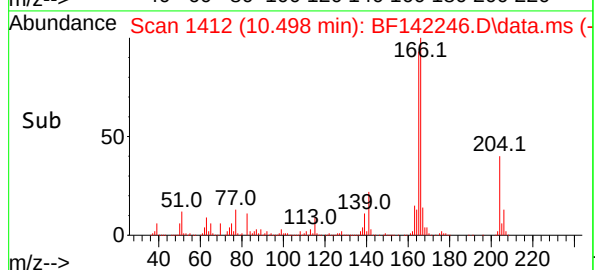
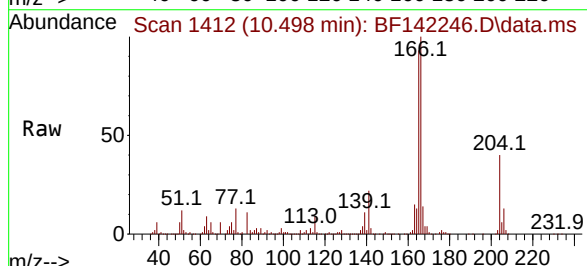
Manual Integrations
APPROVED

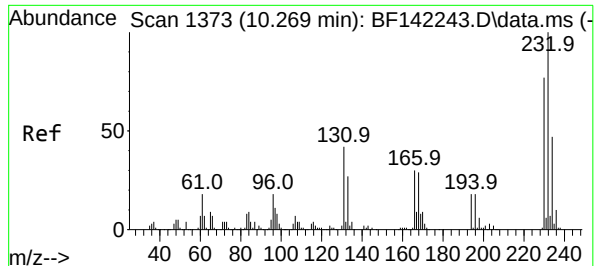
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#58
Fluorene
Concen: 65.980 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

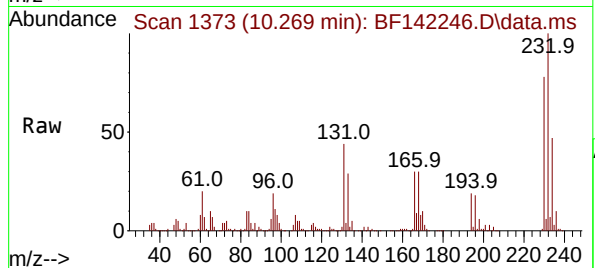
Tgt Ion:166 Resp: 1634486
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 80.286 ng
RT: 10.269 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

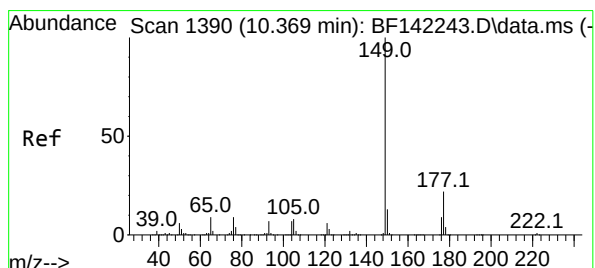
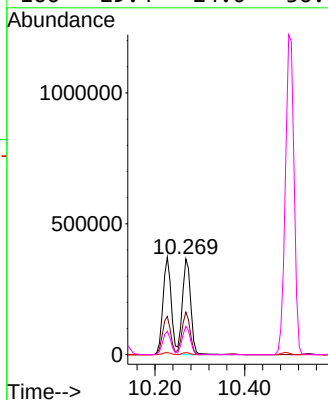
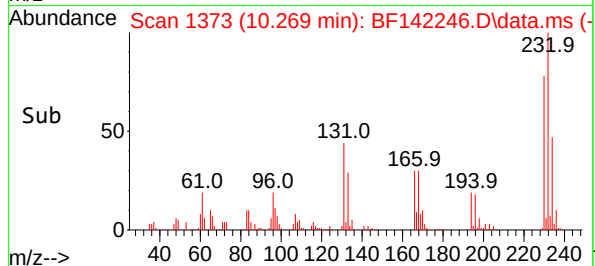
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



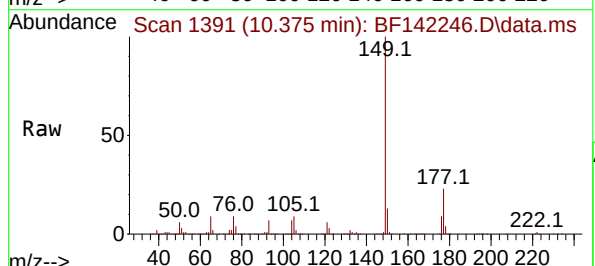
Tgt Ion:232 Resp: 465050
Ion Ratio Lower Upper
232 100
131 44.0 35.9 53.9
130 2.2 1.8 2.6
166 29.4 24.0 36.0

Manual Integrations
APPROVED

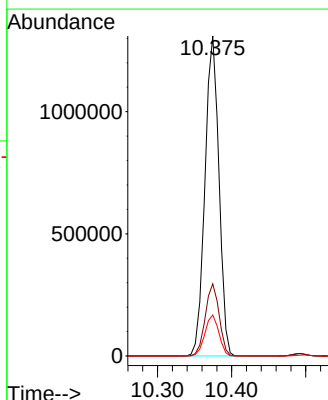
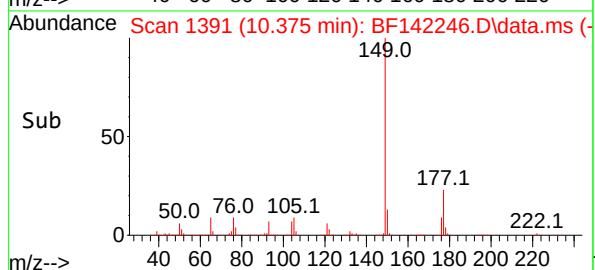
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

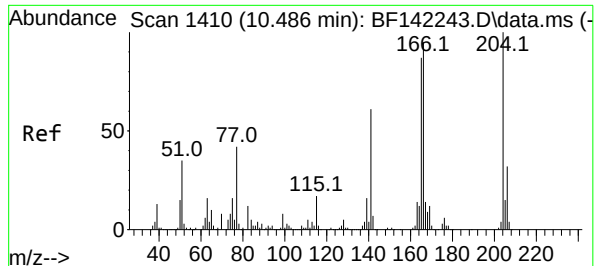


#60
Diethylphthalate
Concen: 71.292 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



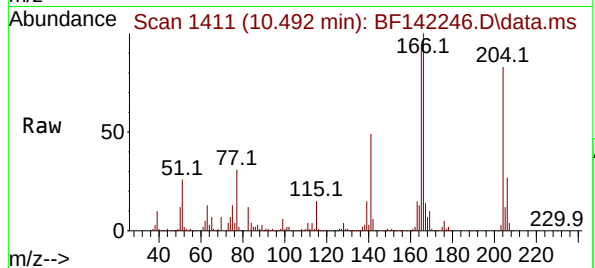
Tgt Ion:149 Resp: 1717661
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 68.190 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

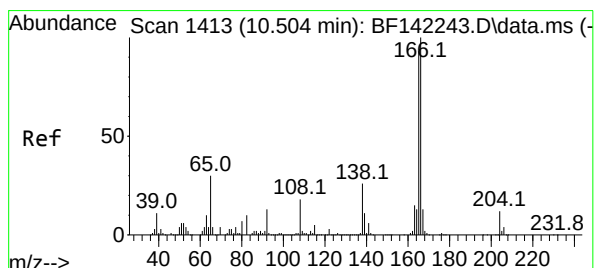
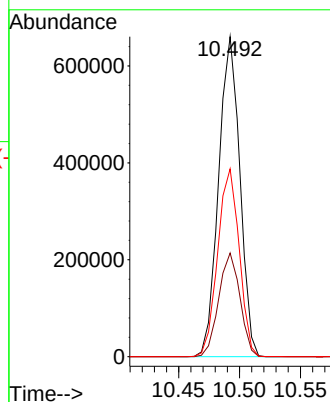
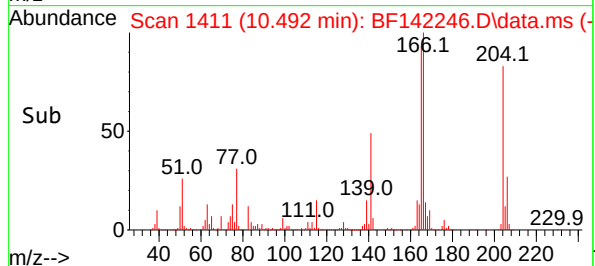
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



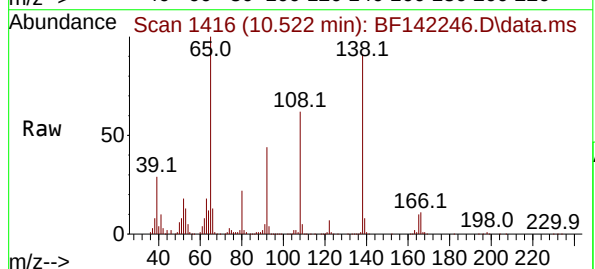
Tgt Ion:204 Resp: 802224
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 58.7 48.9 73.3

Manual Integrations
APPROVED

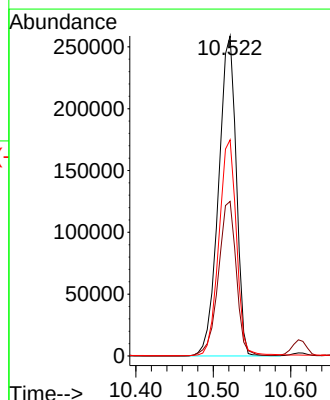
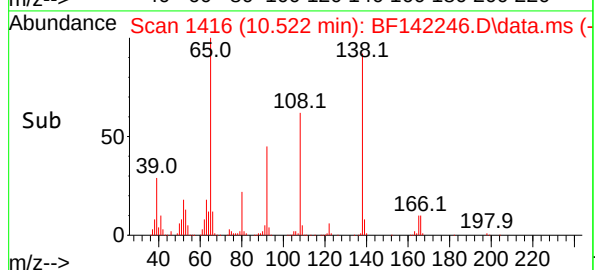
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

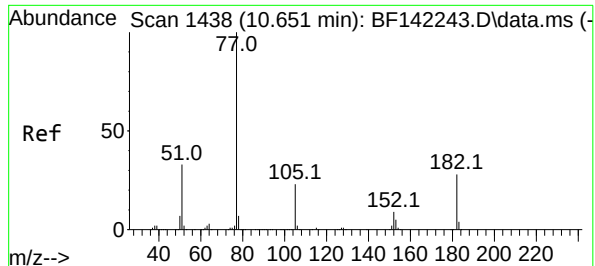


#62
4-Nitroaniline
Concen: 77.614 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



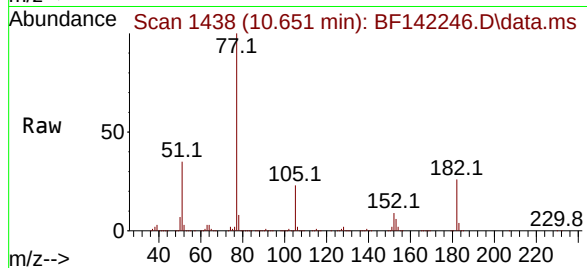
Tgt Ion:138 Resp: 410928
Ion Ratio Lower Upper
138 100
92 48.3 29.2 69.2
108 67.6 49.1 89.1





#63
Azobenzene
Concen: 70.379 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

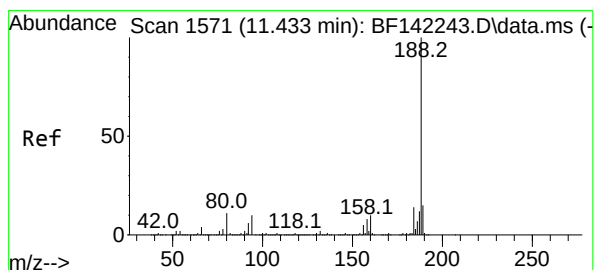
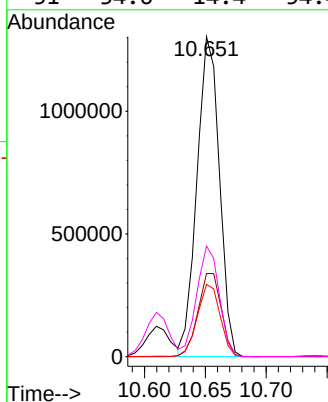
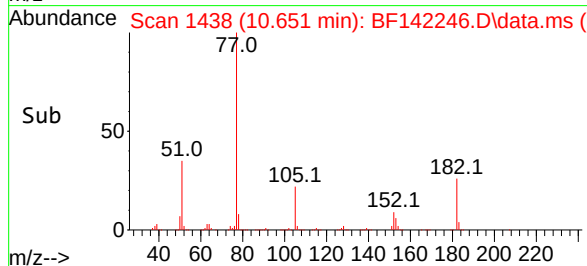
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



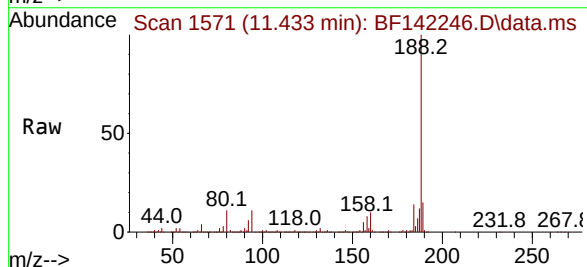
Tgt Ion: 77 Resp: 1674434
Ion Ratio Lower Upper
77 100
182 26.0 7.3 47.3
105 22.6 2.5 42.5
51 34.6 14.4 54.4

Manual Integrations
APPROVED

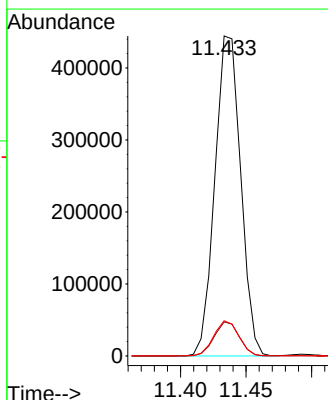
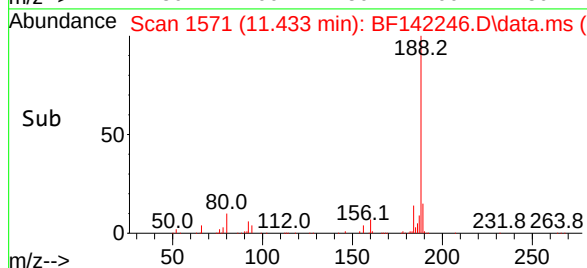
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

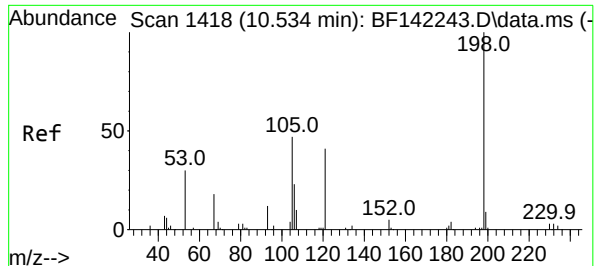


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



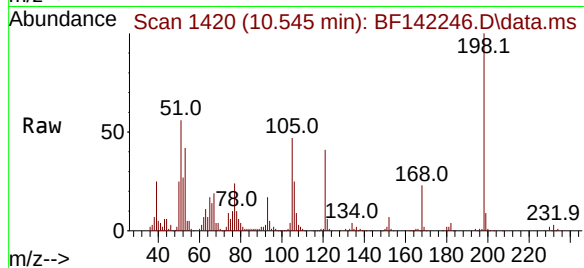
Tgt Ion:188 Resp: 608907
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.0 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 81.749 ng
RT: 10.545 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

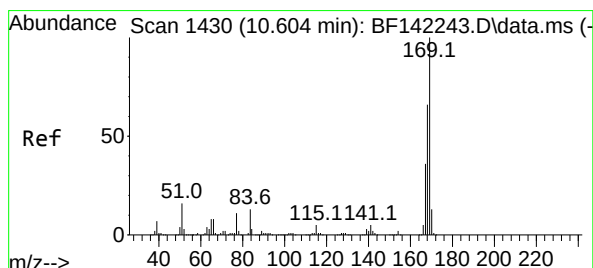
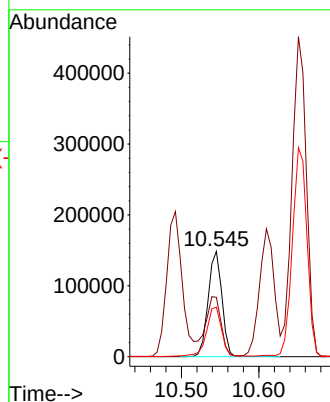
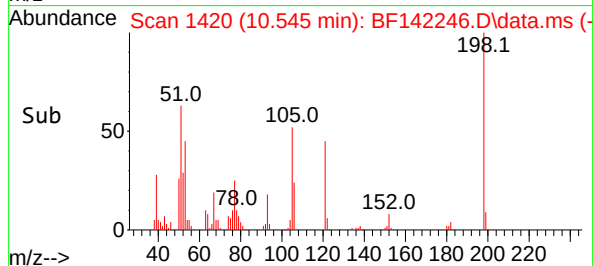
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



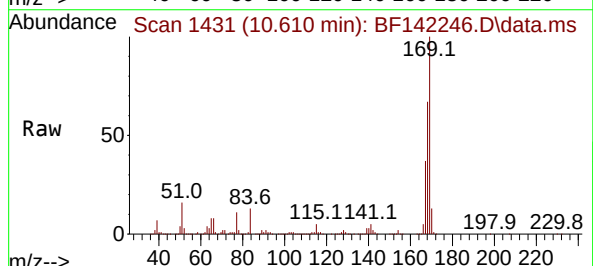
Tgt Ion:198 Resp: 183184
Ion Ratio Lower Upper
198 100
51 56.4 40.6 80.6
105 47.1 29.2 69.2

Manual Integrations
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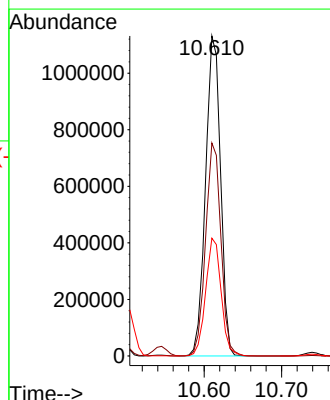
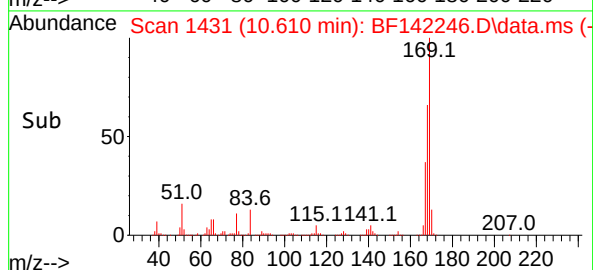
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

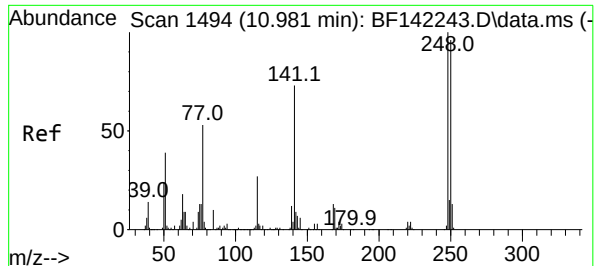


#66
n-Nitrosodiphenylamine
Concen: 72.983 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



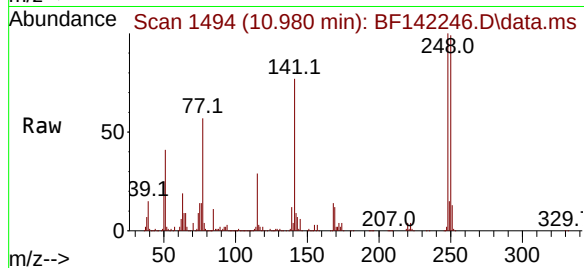
Tgt Ion:169 Resp: 1518420
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.8 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 75.866 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

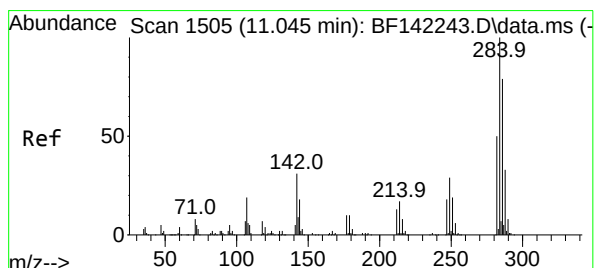
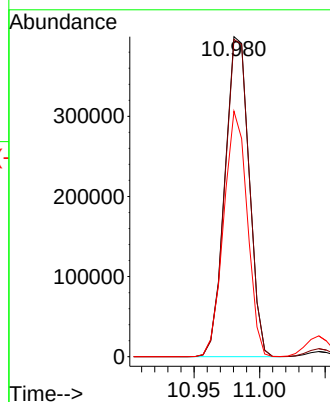
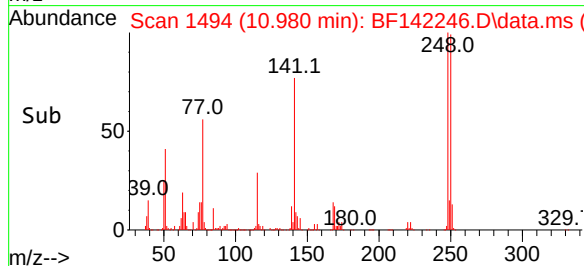
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



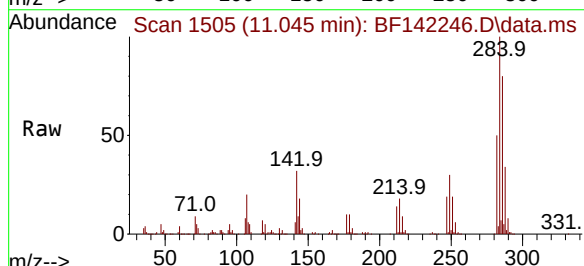
Tgt Ion:248 Resp: 514462
Ion Ratio Lower Upper
248 100
250 99.1 77.2 115.8
141 76.7 58.4 87.6

Manual Integrations
APPROVED

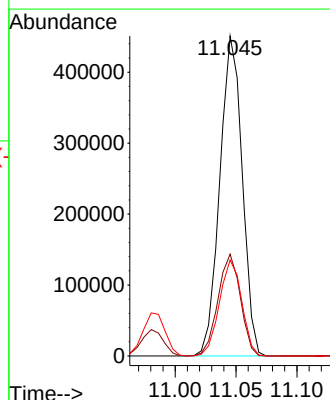
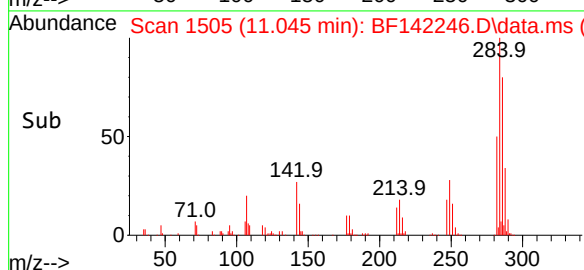
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

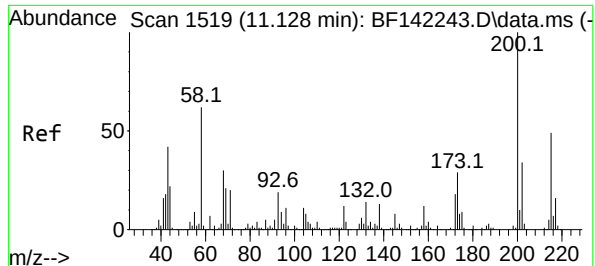


#68
Hexachlorobenzene
Concen: 75.999 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion:284 Resp: 577203
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 30.0 23.2 34.8





#69

Atrazine

Concen: 77.296 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 42388

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

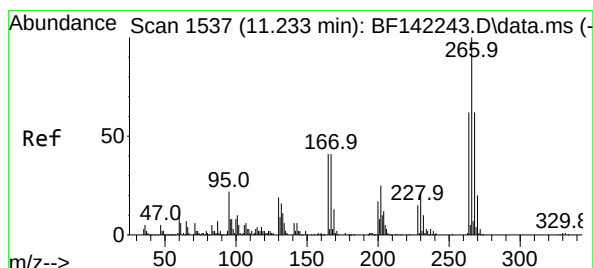
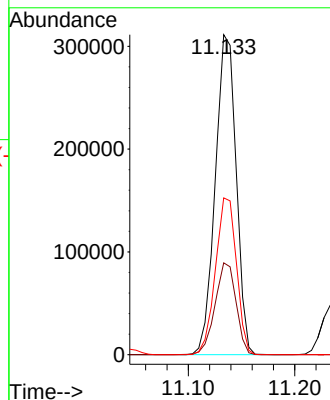
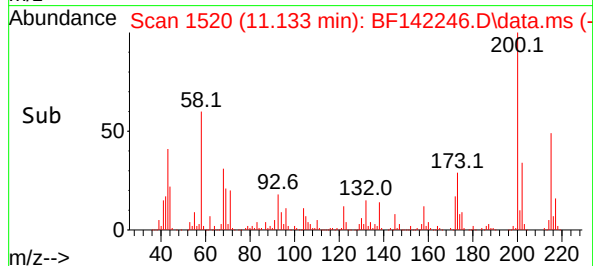
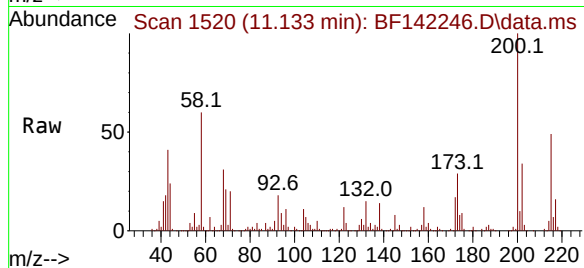
215 49.0 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 87.235 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

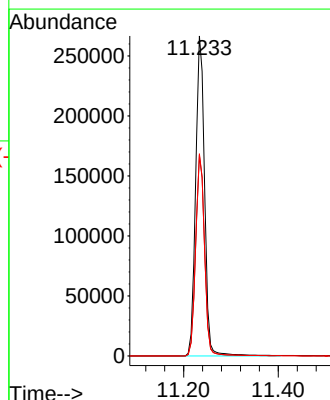
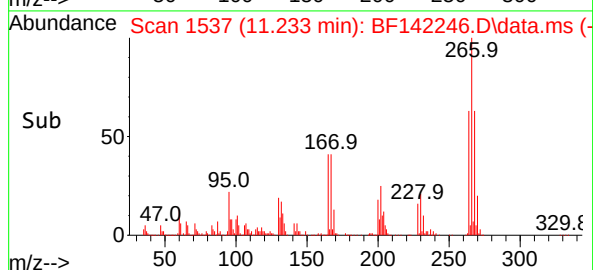
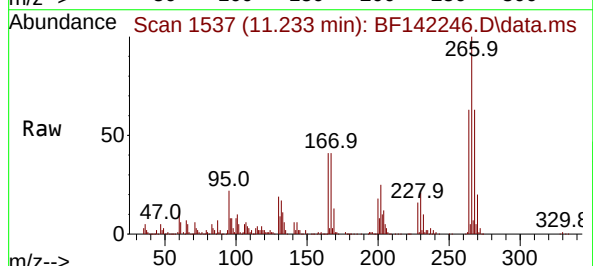
Tgt Ion:266 Resp: 350009

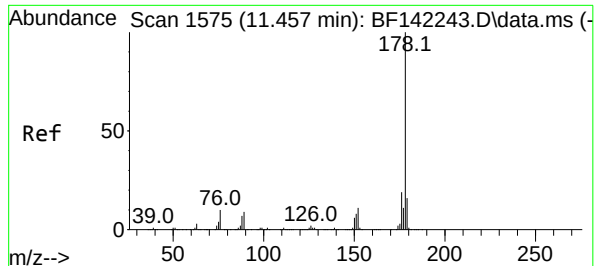
Ion Ratio Lower Upper

266 100

268 62.7 50.0 75.0

264 63.2 49.3 73.9





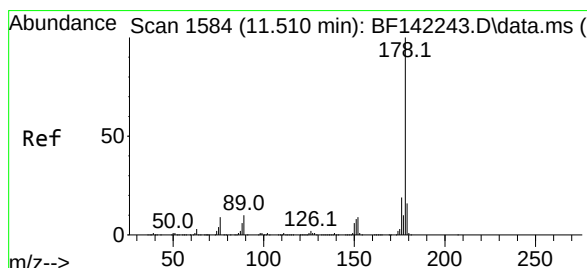
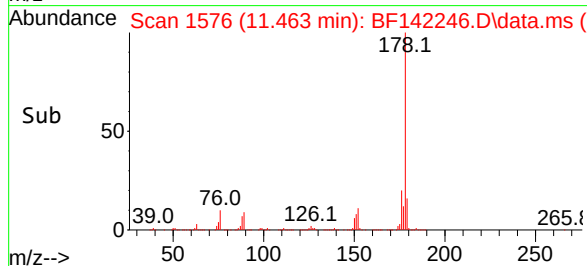
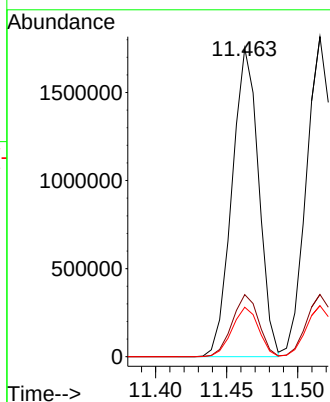
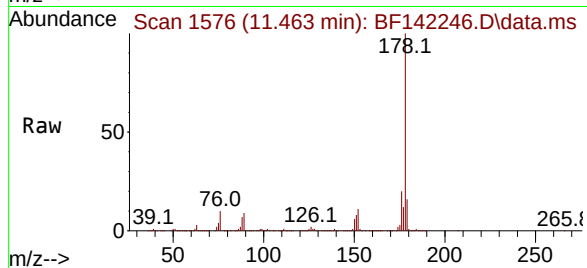
#71
Phenanthrene
Concen: 69.578 ng
RT: 11.463 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 228848
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.1 12.6 19.0

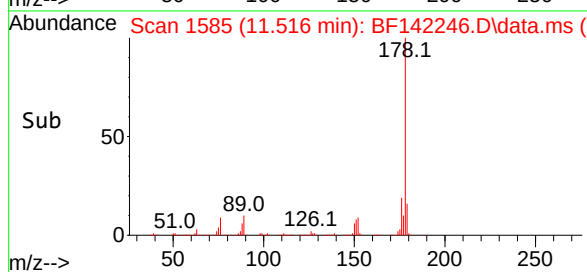
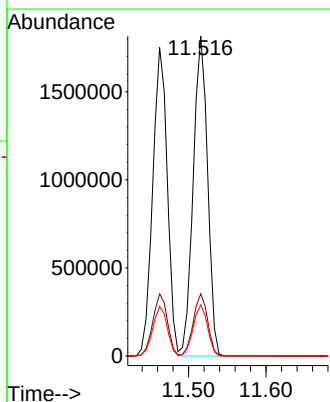
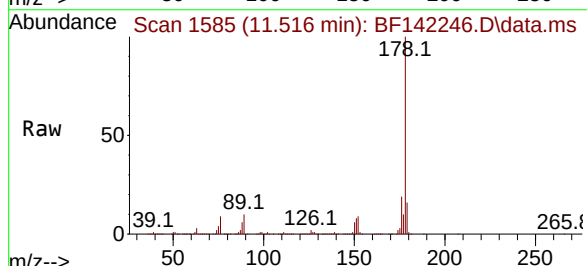
Manual Integrations
APPROVED

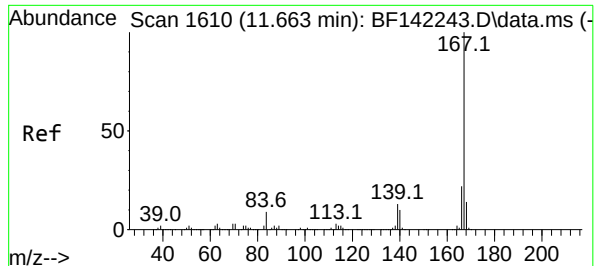
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#72
Anthracene
Concen: 69.482 ng
RT: 11.516 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

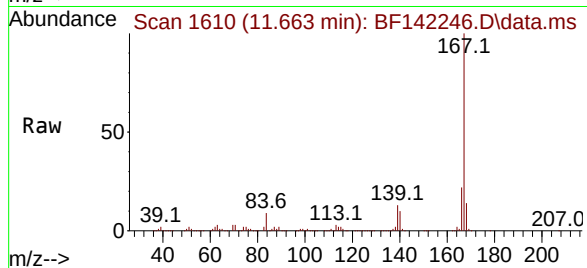
Tgt Ion:178 Resp: 2336551
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.9 12.7 19.1





#73
 Carbazole
 Concen: 68.058 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

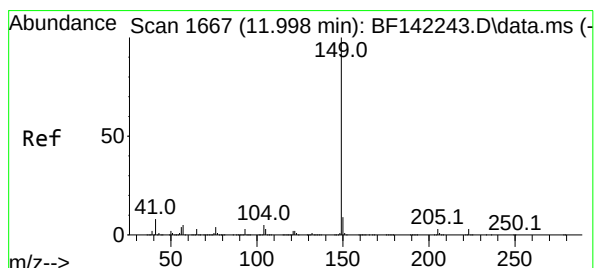
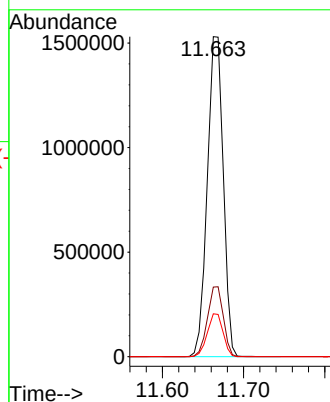
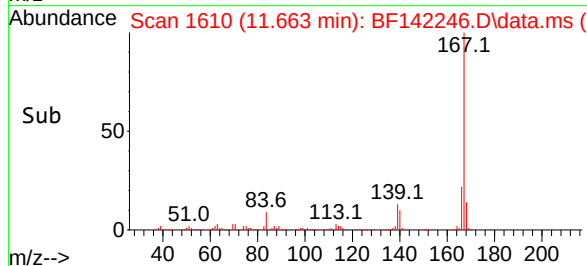
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



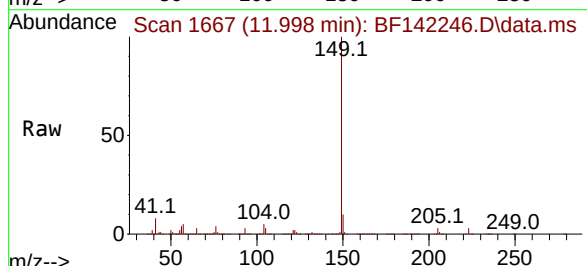
Tgt Ion:167 Resp: 2087769
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.4 10.3 15.5

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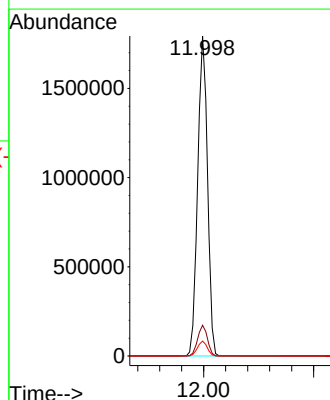
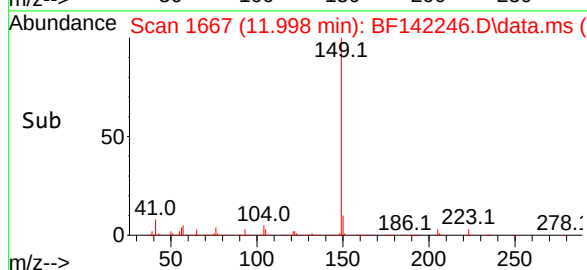
Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

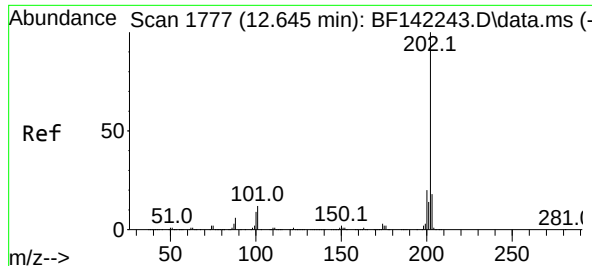


#74
 Di-n-butylphthalate
 Concen: 72.002 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43



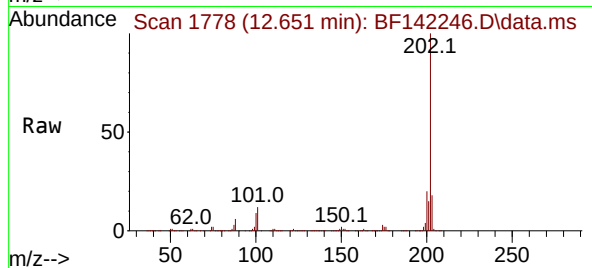
Tgt Ion:149 Resp: 2221417
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 65.747 ng
RT: 12.651 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

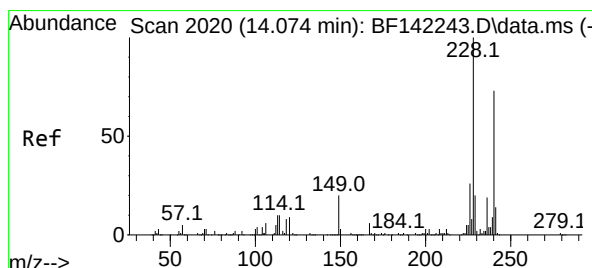
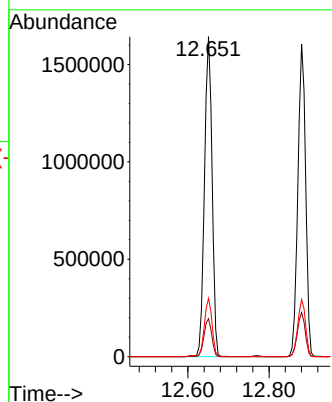
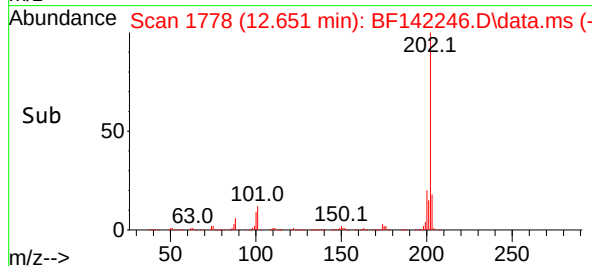
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 2137630
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.4
203 18.2 0.0 37.5

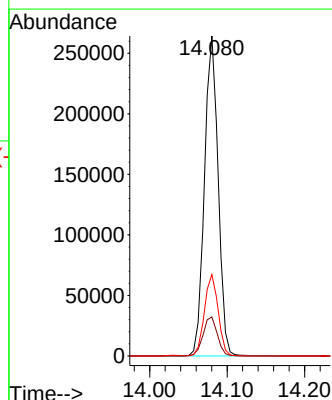
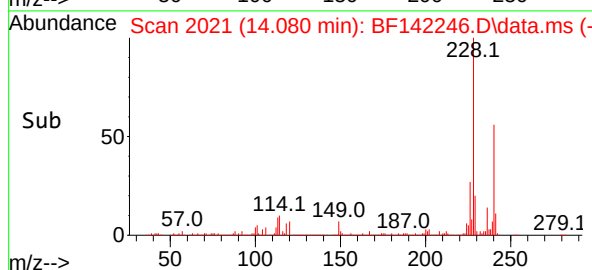
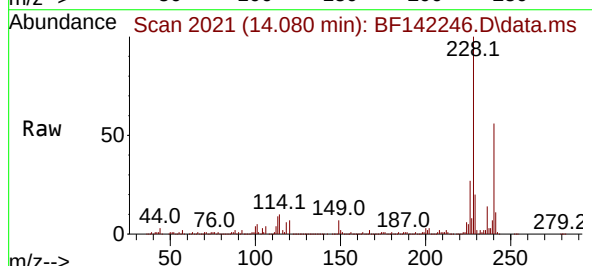
Manual Integrations
APPROVED

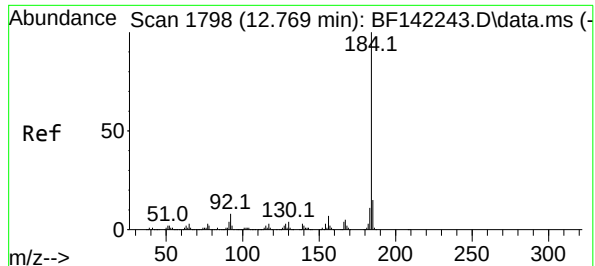
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

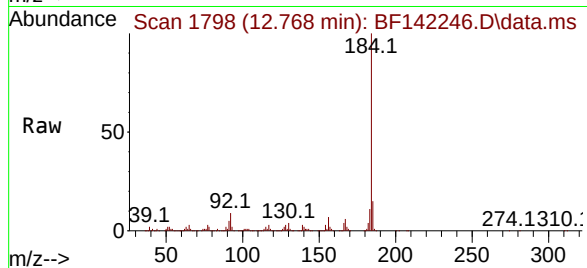
Tgt Ion:240 Resp: 323925
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 25.4 20.5 30.7





#77
Benzidine
Concen: 76.247 ng
RT: 12.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

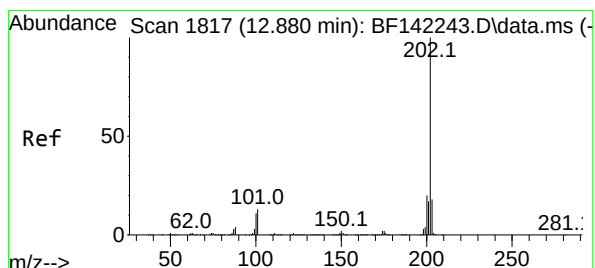
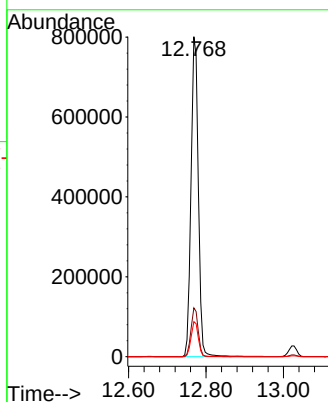
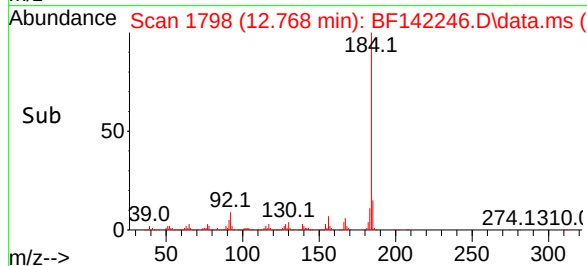
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 104946
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.6
183 11.0 8.9 13.3

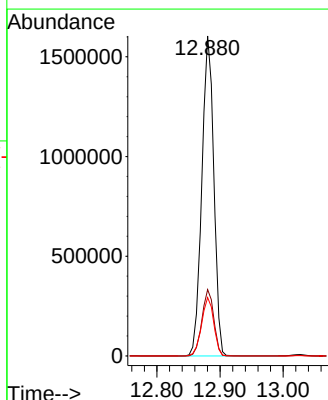
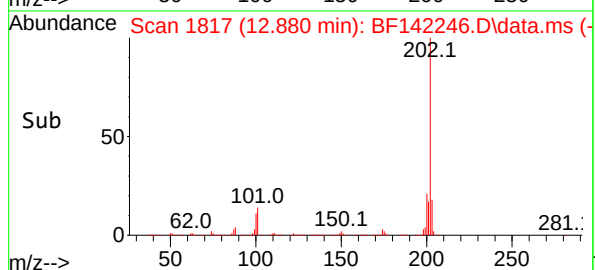
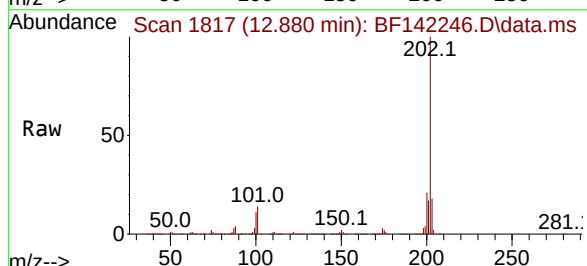
Manual Integrations
APPROVED

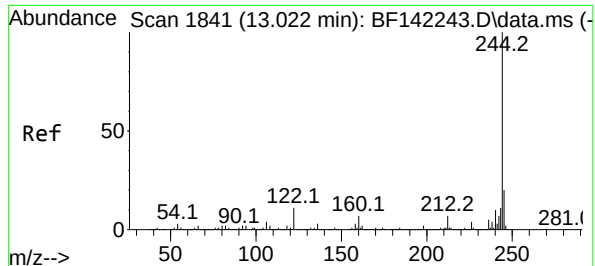
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 70.910 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:202 Resp: 2118847
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 134.413 ng

RT: 13.027 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF142246.D

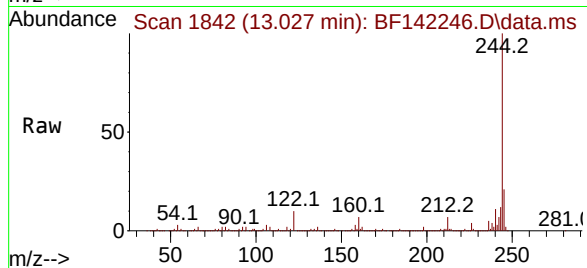
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:244 Resp: 299363

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

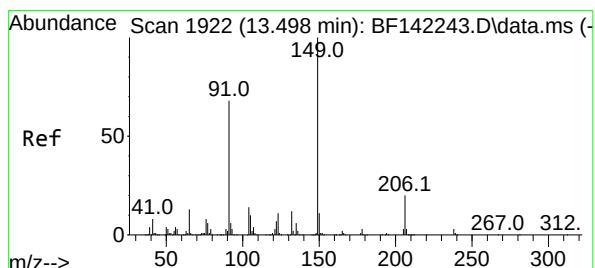
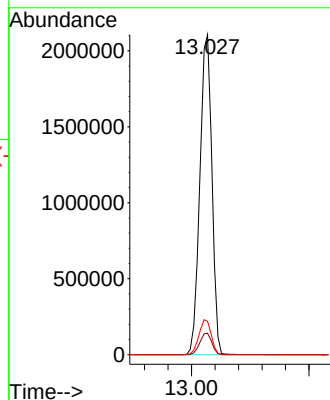
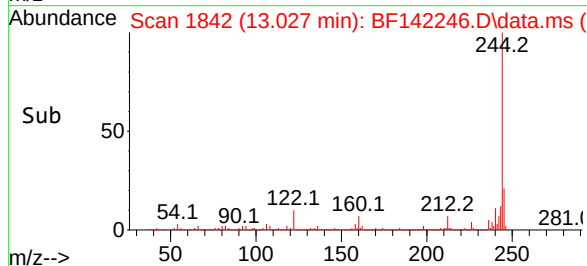
122 10.4 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#80

Butylbenzylphthalate

Concen: 78.197 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

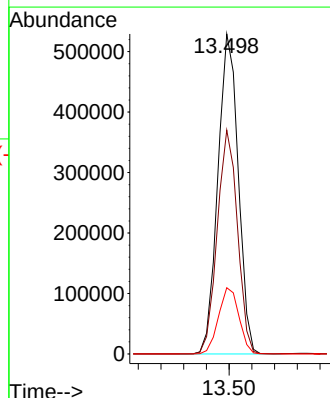
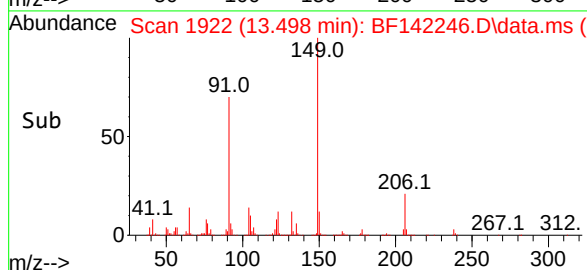
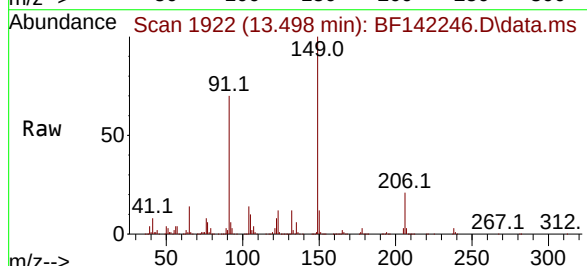
Tgt Ion:149 Resp: 659574

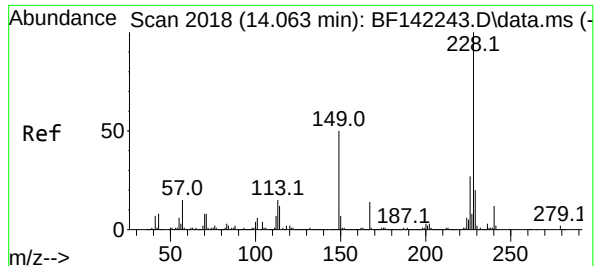
Ion Ratio Lower Upper

149 100

91 70.0 54.4 81.6

206 20.7 15.9 23.9





#81

Benzo(a)anthracene

Concen: 72.970 ng

RT: 14.068 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 1586778

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

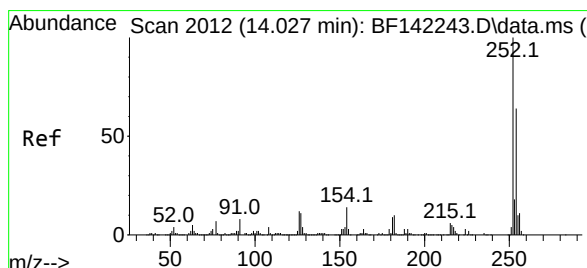
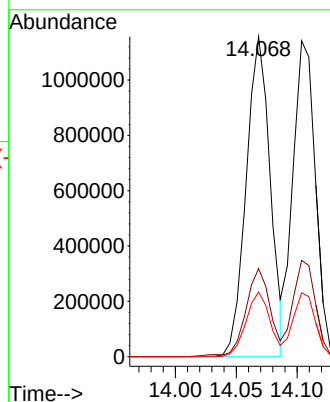
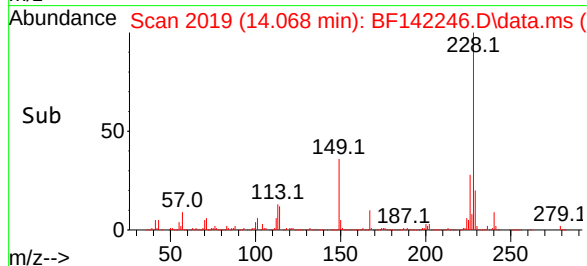
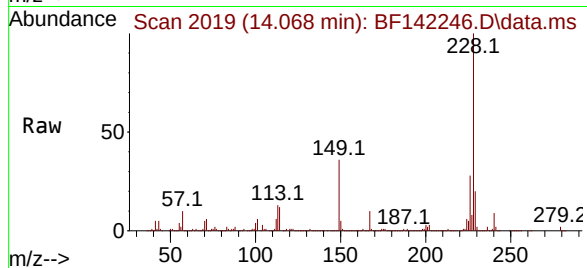
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#82

3,3'-Dichlorobenzidine

Concen: 88.259 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

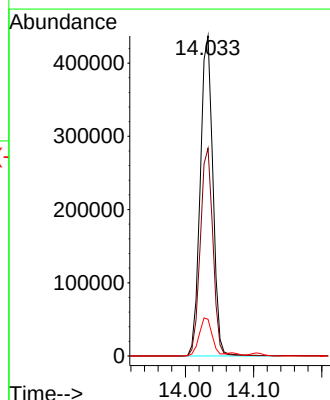
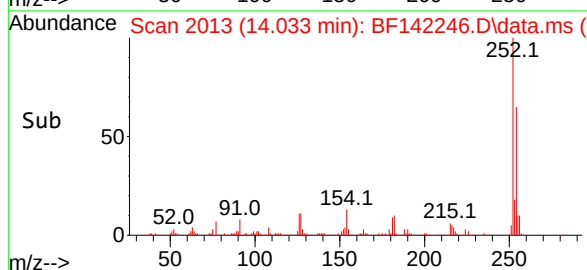
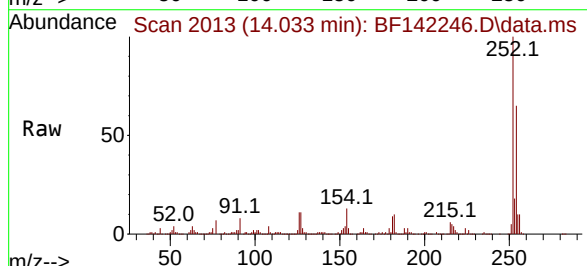
Tgt Ion:252 Resp: 563738

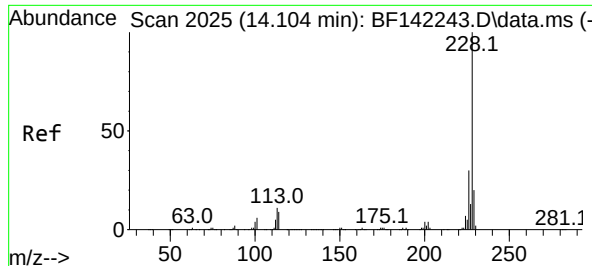
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

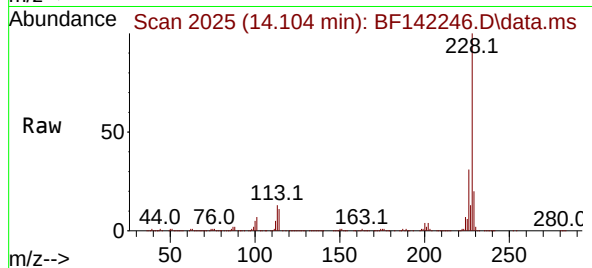
126 11.5 9.4 14.2





#83
Chrysene
Concen: 74.470 ng
RT: 14.104 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

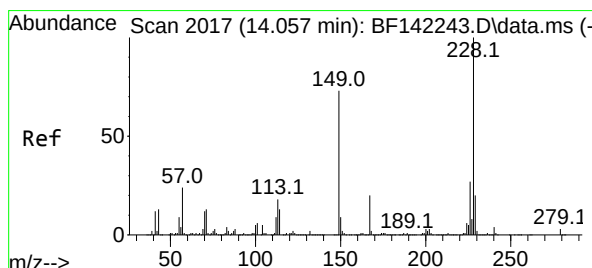
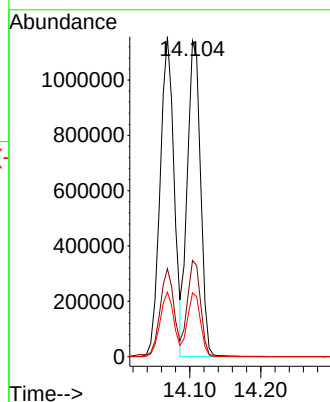
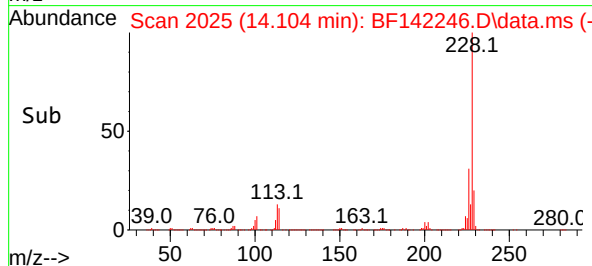
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1474094
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 20.2 15.7 23.5

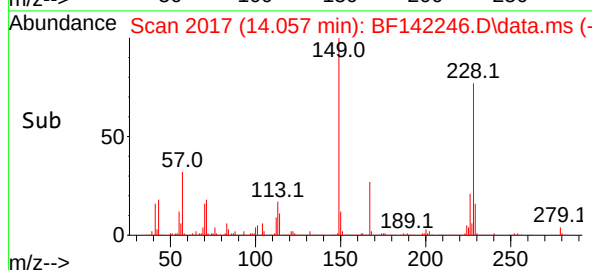
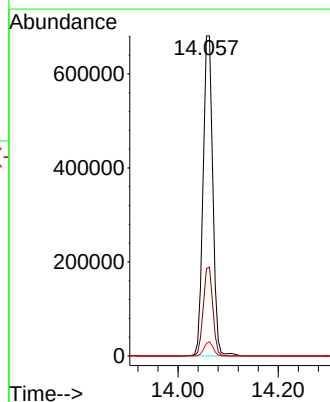
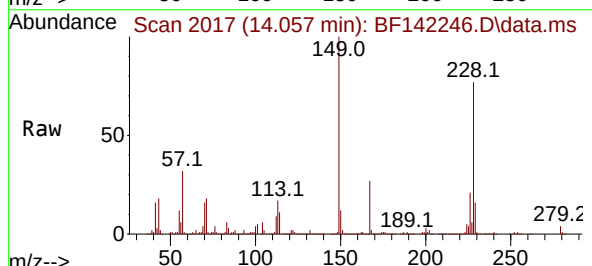
Manual Integrations
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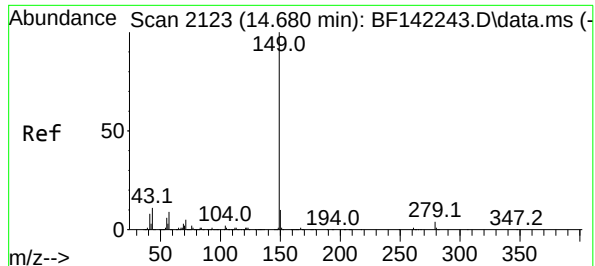
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 78.547 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

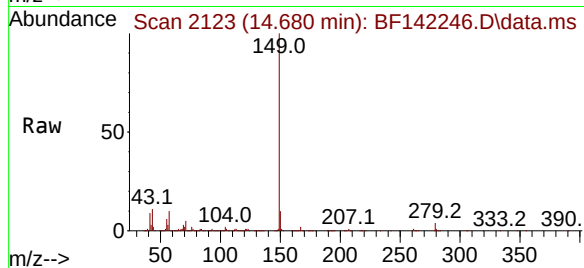
Tgt Ion:149 Resp: 915684
Ion Ratio Lower Upper
149 100
167 27.3 21.7 32.5
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 78.594 ng
RT: 14.680 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

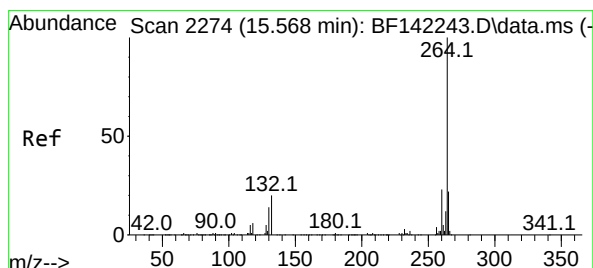
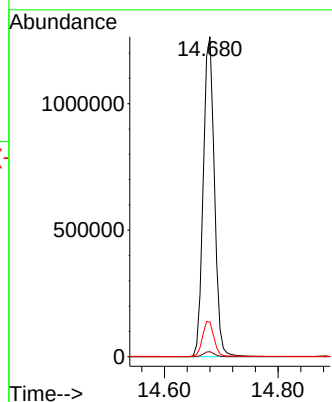
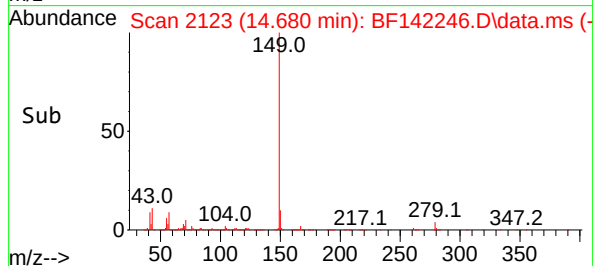
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1722215
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 9.3 13.9

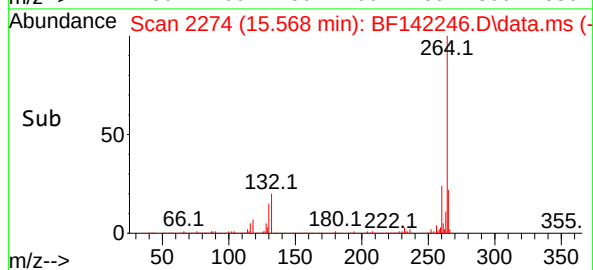
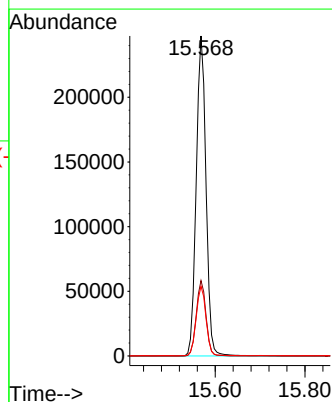
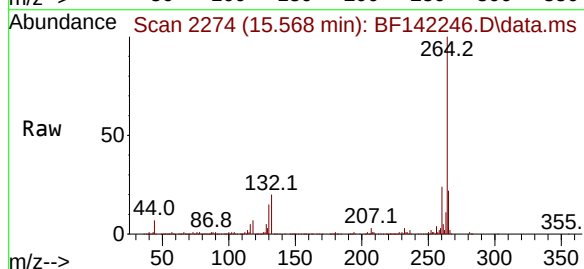
Manual Integrations
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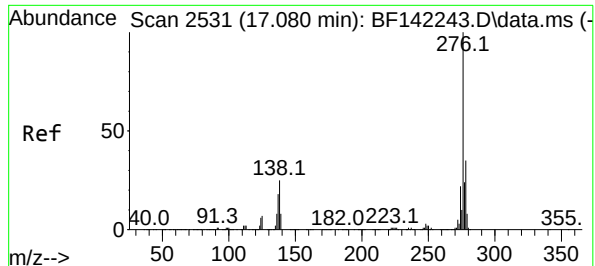
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:264 Resp: 374102
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.8 17.3 25.9





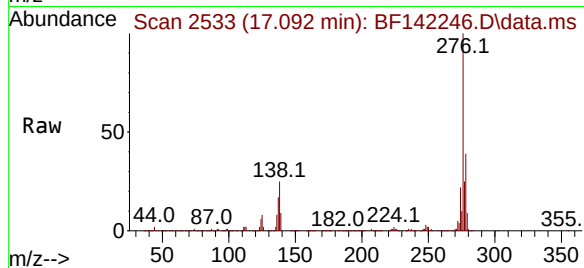
#87
Indeno(1,2,3-cd)pyrene
Concen: 77.677 ng
RT: 17.092 min Scan# 212847
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

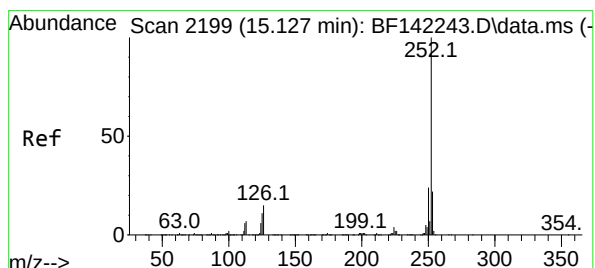
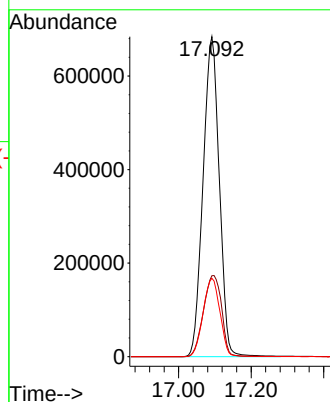
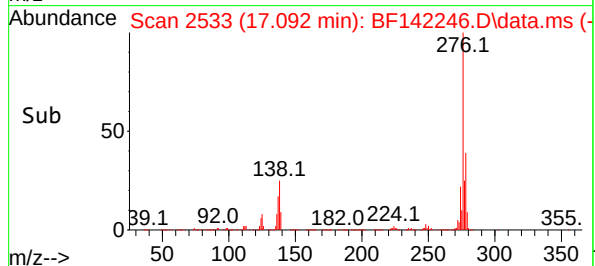


Tgt Ion:276 Resp: 212847
Ion Ratio Lower Upper
276 100
138 28.4 22.6 33.8
277 25.4 20.1 30.1

Manual Integrations

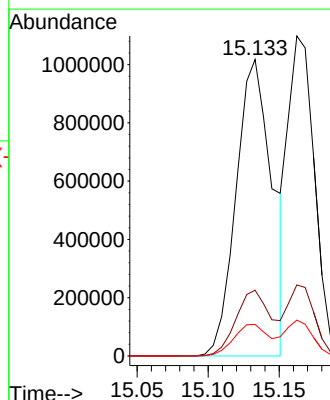
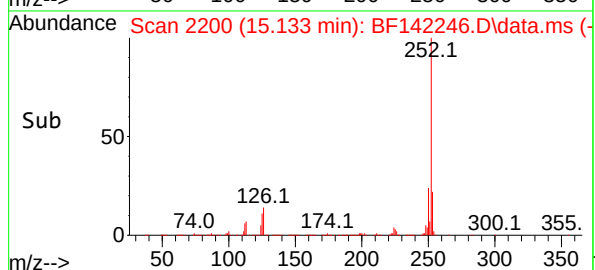
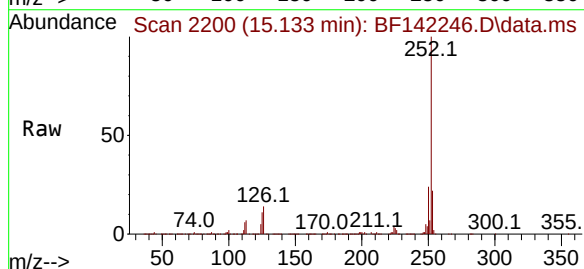
APPROVED

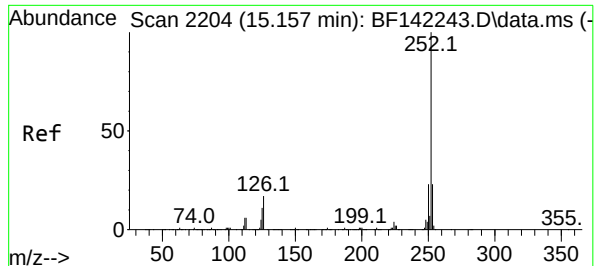
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#88
Benzo(b)fluoranthene
Concen: 77.378 ng
RT: 15.133 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 1798083
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.6 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 67.716 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1439304

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

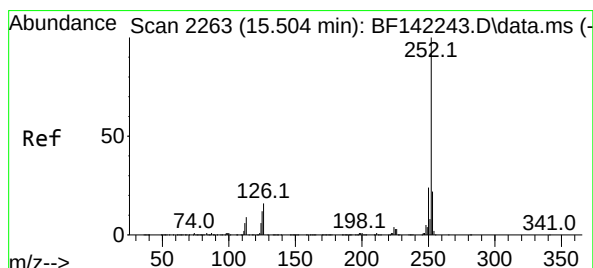
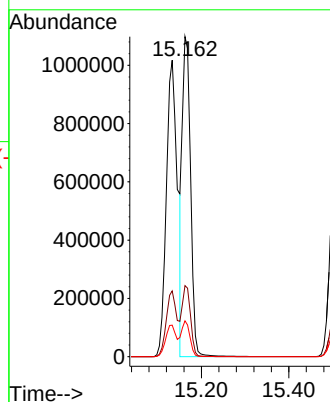
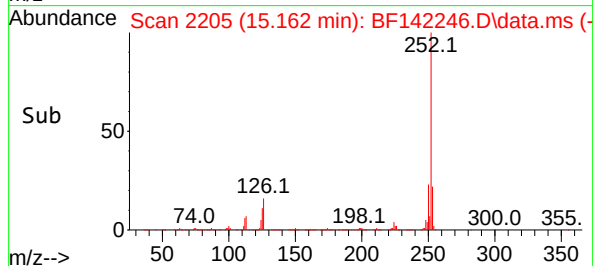
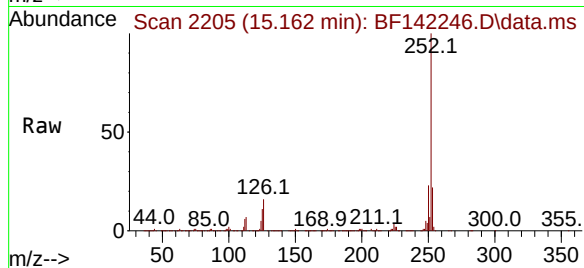
125 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 75.685 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

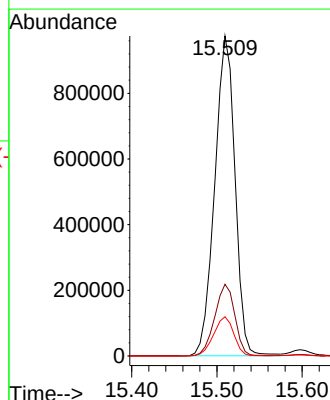
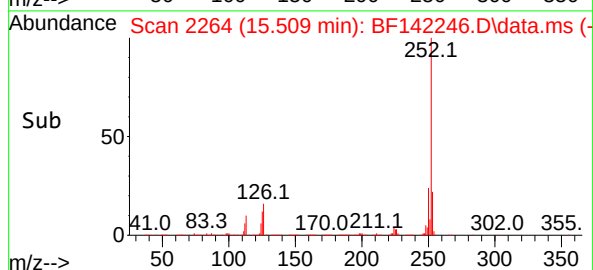
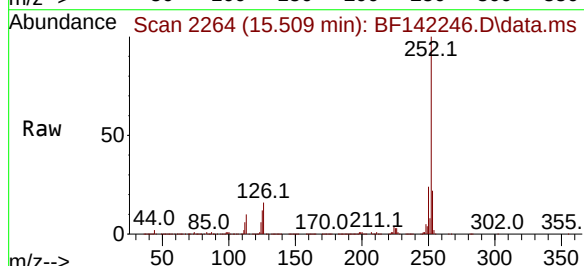
Tgt Ion:252 Resp: 1610193

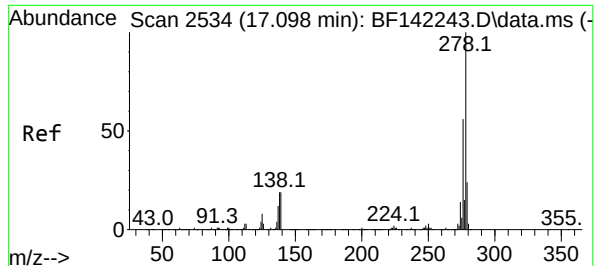
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 12.2 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 76.989 ng

RT: 17.115 min Scan# 2610

Delta R.T. 0.017 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp: 171218

Ion Ratio Lower Upper

278 100

139 17.9 15.2 22.8

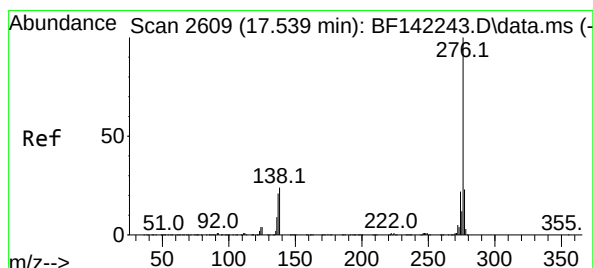
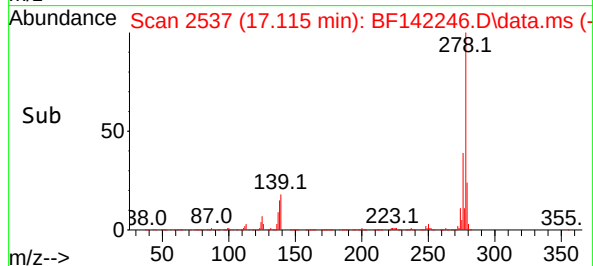
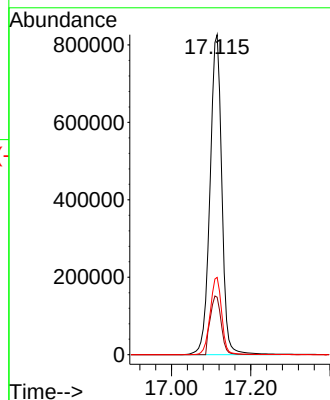
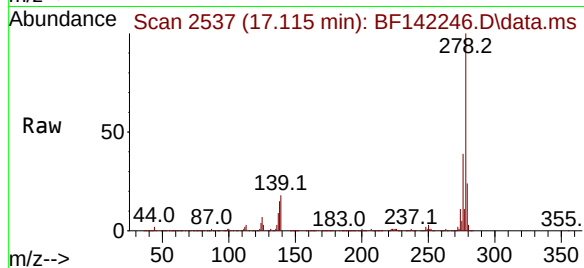
279 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#92

Benzo(g,h,i)perylene

Concen: 77.757 ng

RT: 17.551 min Scan# 2611

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

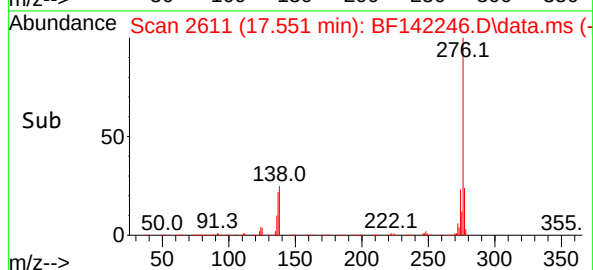
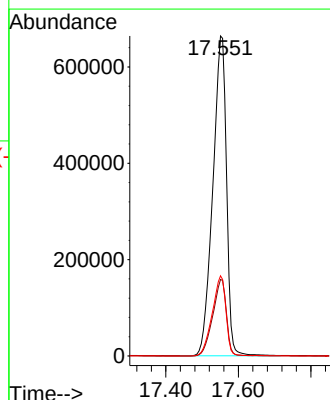
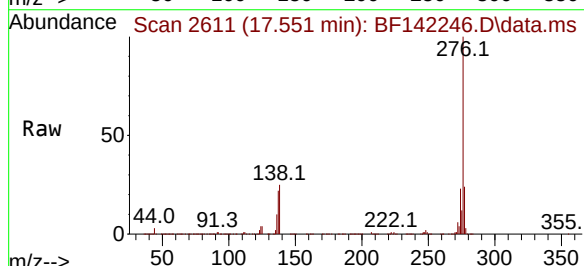
Tgt Ion:276 Resp: 1738450

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 25.1 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	185327	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	725482	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381170	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	633040	20.000	ng	0.00
76) Chrysene-d12	14.074	240	345729	20.000	ng	0.00
86) Perylene-d12	15.562	264	342826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	987704	85.116	ng	0.00
7) Phenol-d6	6.522	99	1201328	85.730	ng	0.00
23) Nitrobenzene-d5	7.469	82	1091522	98.845	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	323319	93.044	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2157499	79.807	ng	0.00
79) Terphenyl-d14	13.021	244	2037561	85.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	219939	42.438	ng	98
3) Pyridine	3.469	79	572034	42.469	ng	99
4) n-Nitrosodimethylamine	3.416	42	299316	42.942	ng	96
6) Aniline	6.569	93	844910	42.598	ng	99
8) 2-Chlorophenol	6.692	128	530021	44.202	ng	98
9) Benzaldehyde	6.457	77	420408	42.925	ng	99
10) Phenol	6.539	94	645155m	42.765	ng	
11) bis(2-Chloroethyl)ether	6.639	93	494843	42.329	ng	98
12) 1,3-Dichlorobenzene	6.851	146	567280	41.819	ng	99
13) 1,4-Dichlorobenzene	6.928	146	572974	41.924	ng	100
14) 1,2-Dichlorobenzene	7.081	146	551216	42.247	ng	99
15) Benzyl Alcohol	7.045	79	431108	43.378	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	901053	42.684	ng	99
17) 2-Methylphenol	7.151	107	415403	42.288	ng	98
18) Hexachloroethane	7.422	117	197959	44.255	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	363621	41.992	ng	99
20) 3+4-Methylphenols	7.304	107	539514	43.919	ng	98
22) Acetophenone	7.316	105	695539	41.441	ng	98
24) Nitrobenzene	7.492	77	513604	47.402	ng	99
25) Isophorone	7.728	82	968502	41.789	ng	100
26) 2-Nitrophenol	7.804	139	219881	48.175	ng	100
27) 2,4-Dimethylphenol	7.833	122	502502	43.004	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	610669	41.780	ng	99
29) 2,4-Dichlorophenol	8.039	162	429967	44.013	ng	99
30) 1,2,4-Trichlorobenzene	8.133	180	454848	41.724	ng	100
31) Naphthalene	8.216	128	1483568	41.005	ng	100
32) Benzoic acid	7.933	122	246172m	45.113	ng	
33) 4-Chloroaniline	8.257	127	622894	41.344	ng	100
34) Hexachlorobutadiene	8.333	225	267940	42.127	ng	99
35) Caprolactam	8.622	113	130473	44.434	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	436215	43.485	ng	100
37) 2-Methylnaphthalene	8.904	142	915474	41.155	ng	100
38) 1-Methylnaphthalene	9.004	142	950163	41.232	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	443561	41.349	ng	100
41) Hexachlorocyclopentadiene	9.057	237	288102	47.321	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	303872	45.713	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/01/2025
 Supervised By :Jagrut Upadhyay 05/01/2025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	312237	44.676	ng	99
46) 1,1'-Biphenyl	9.369	154	1213047	40.936	ng	100
47) 2-Chloronaphthalene	9.392	162	903974	41.003	ng	99
48) 2-Nitroaniline	9.480	65	269528	46.523	ng	95
49) Acenaphthylene	9.810	152	1533164	41.211	ng	100
50) Dimethylphthalate	9.669	163	1025498	42.054	ng	100
51) 2,6-Dinitrotoluene	9.727	165	211107	45.376	ng	96
52) Acenaphthene	9.980	154	904325	41.631	ng	99
53) 3-Nitroaniline	9.892	138	257926	45.509	ng	96
54) 2,4-Dinitrophenol	9.992	184	62568	49.090	ng	# 6
55) Dibenzofuran	10.151	168	1340934	41.181	ng	100
56) 4-Nitrophenol	10.033	139	191463	49.952	ng	99
57) 2,4-Dinitrotoluene	10.127	165	265412	46.994	ng	96
58) Fluorene	10.492	166	1008032	40.714	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	264709	45.724	ng	100
60) Diethylphthalate	10.369	149	1016722	42.222	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	477688	40.626	ng	99
62) 4-Nitroaniline	10.504	138	232165	45.070	ng	98
63) Azobenzene	10.645	77	984443	41.400	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	96341	46.598	ng	95
66) n-Nitrosodiphenylamine	10.604	169	904466	41.816	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	299605	42.497	ng	98
68) Hexachlorobenzene	11.039	284	330048	41.800	ng	97
69) Atrazine	11.127	200	255030	44.732	ng	99
70) Pentachlorophenol	11.233	266	197476	47.342	ng	99
71) Phenanthrene	11.457	178	1400439	40.955	ng	100
72) Anthracene	11.510	178	1463247	41.854	ng	100
73) Carbazole	11.663	167	1332856	41.793	ng	99
74) Di-n-butylphthalate	11.992	149	1412919	44.051	ng	100
75) Fluoranthene	12.645	202	1409189	41.690	ng	99
77) Benzidine	12.768	184	682155	46.435	ng	99
78) Pyrene	12.874	202	1405875	44.082	ng	100
80) Butylbenzylphthalate	13.492	149	371146	42.984	ng	98
81) Benzo(a)anthracene	14.062	228	960484	41.383	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	310153	45.495	ng	98
83) Chrysene	14.098	228	890671	42.158	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	487122	40.882	ng	99
85) Di-n-octyl phthalate	14.674	149	889844	41.178	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1098774	43.757	ng	99
88) Benzo(b)fluoranthene	15.121	252	860370	40.403	ng	100
89) Benzo(k)fluoranthene	15.157	252	811540	41.665	ng	99
90) Benzo(a)pyrene	15.498	252	826250	42.380	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	887855	43.565	ng	99
92) Benzo(g,h,i)perylene	17.527	276	899474	43.902	ng	99

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

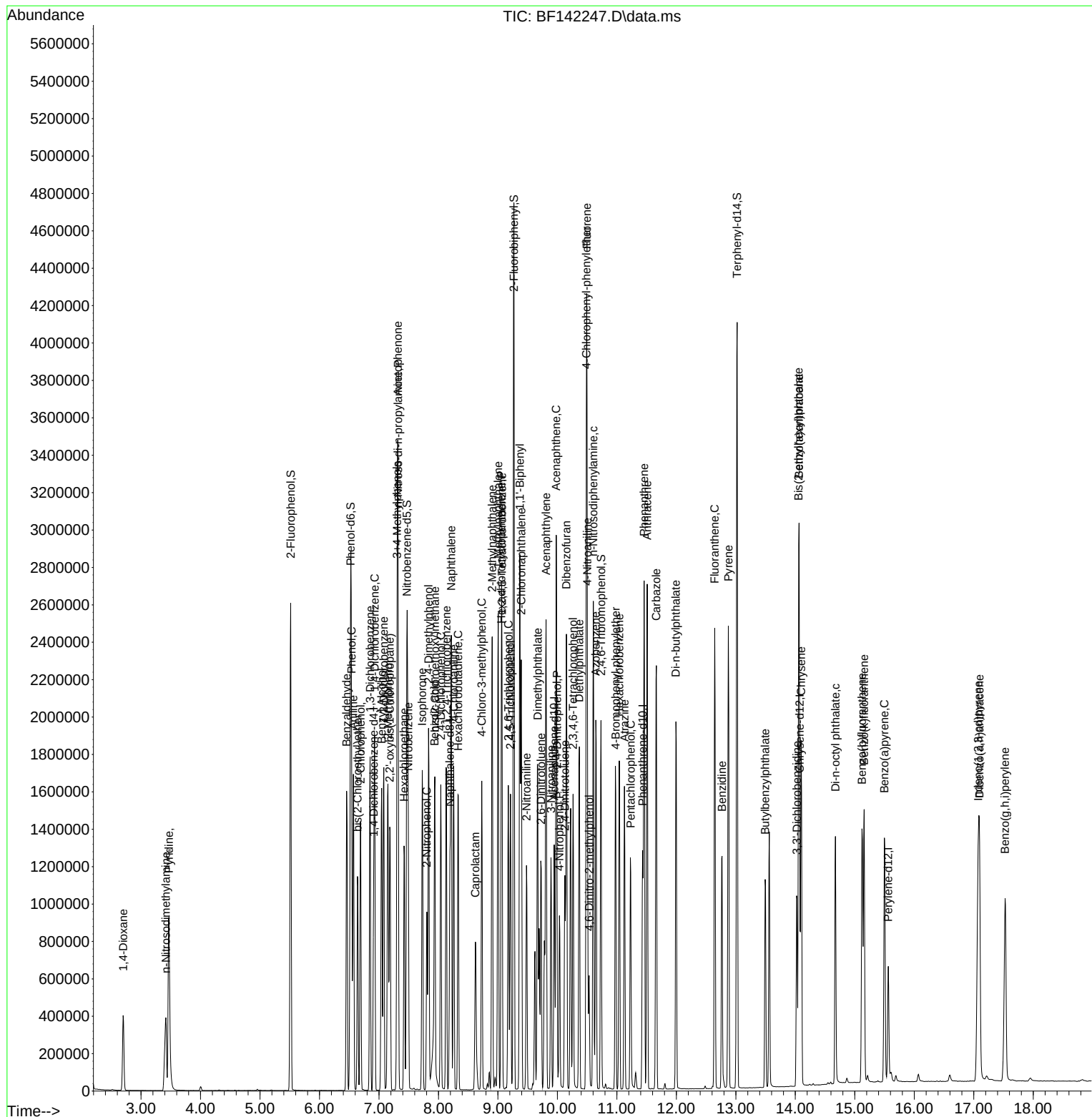

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\  
Data File : BF142247.D  
Acq On    : 30 Apr 2025  16:17  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11    Sample Multiplier: 1
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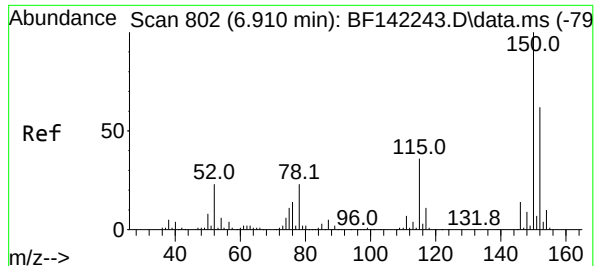
Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

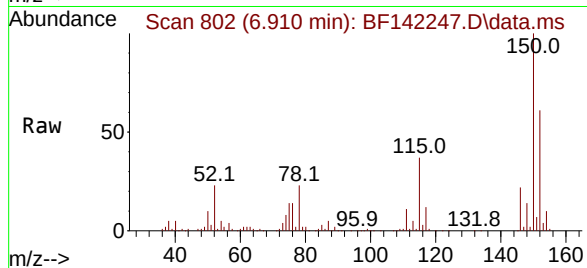
Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

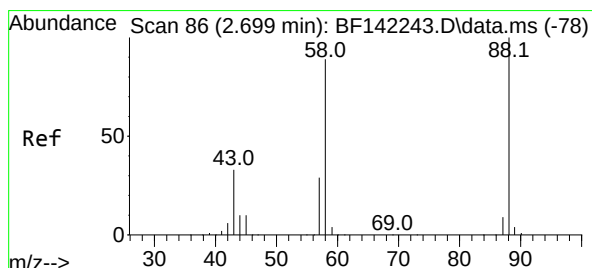
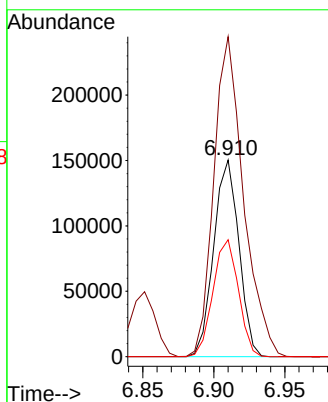
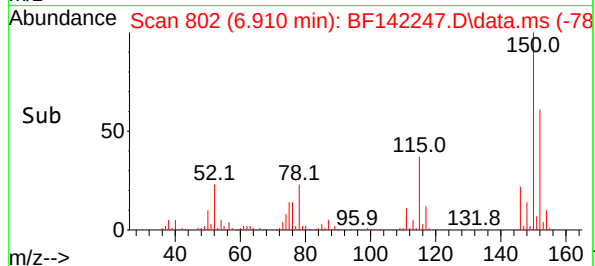
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:152 Resp: 185327
Ion Ratio Lower Upper
152 100
150 162.7 130.2 195.2
115 59.5 47.0 70.4

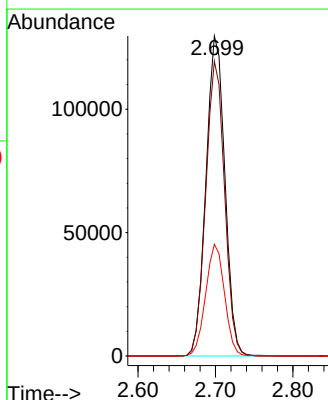
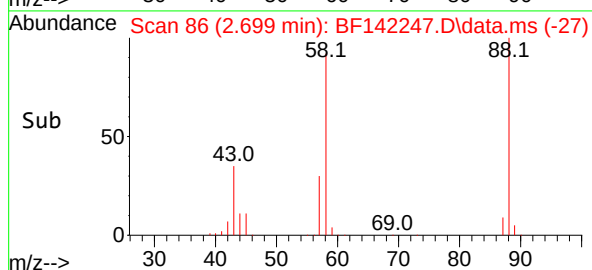
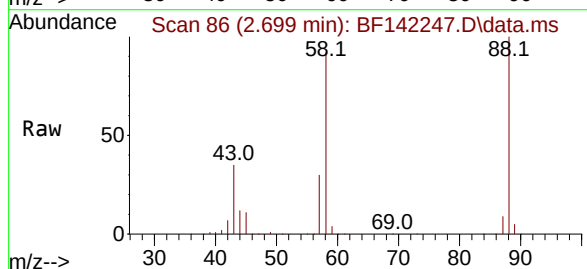
Manual Integrations
APPROVED

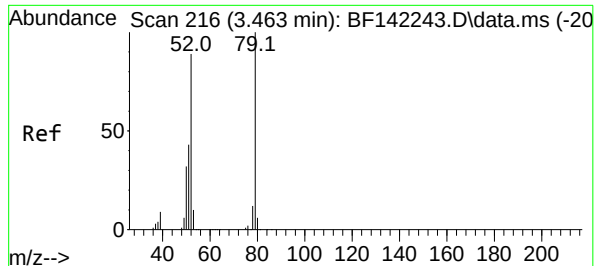
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#2
1,4-Dioxane
Concen: 42.438 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 88 Resp: 219939
Ion Ratio Lower Upper
88 100
58 91.6 72.2 108.2
43 34.8 27.0 40.6





#3

Pyridine

Concen: 42.469 ng

RT: 3.469 min Scan# 216

Delta R.T. 0.006 min

Lab File: BF142247.D

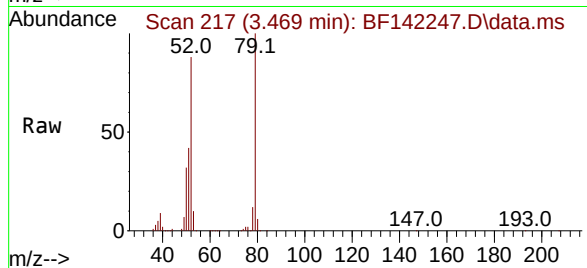
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion: 79 Resp: 572034

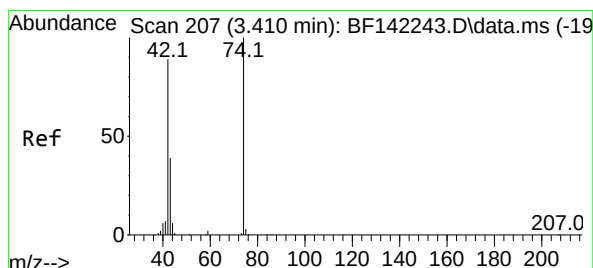
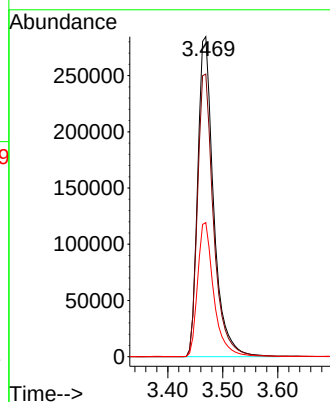
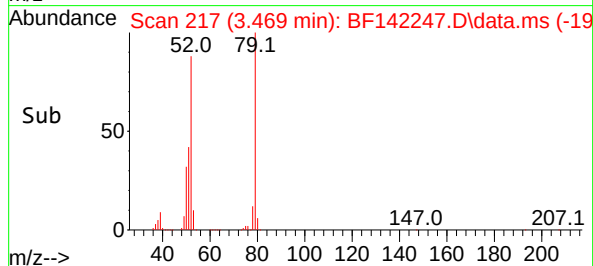
Ion	Ratio	Lower	Upper
79	100		
52	88.3	71.5	107.3
51	41.9	34.5	51.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#4

n-Nitrosodimethylamine

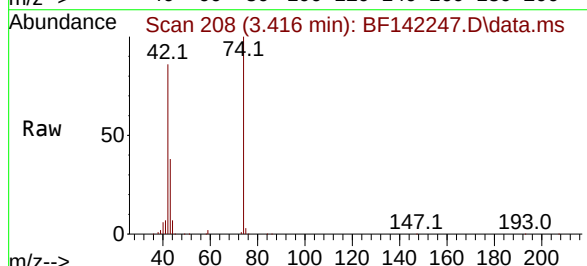
Concen: 42.942 ng

RT: 3.416 min Scan# 208

Delta R.T. 0.006 min

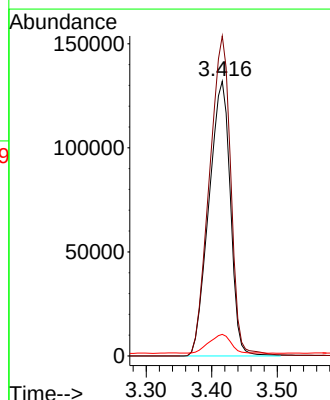
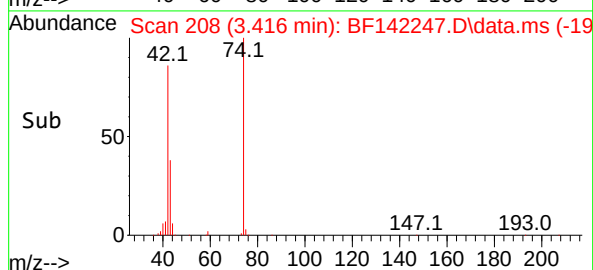
Lab File: BF142247.D

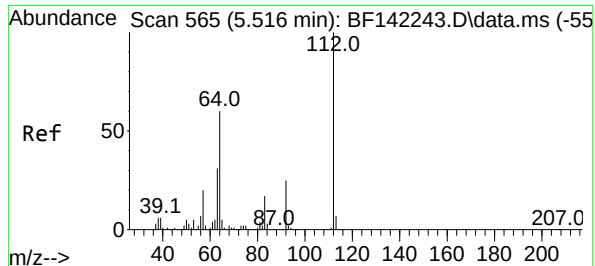
Acq: 30 Apr 2025 16:17



Tgt Ion: 42 Resp: 299316

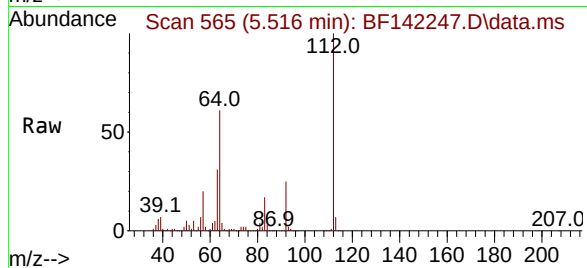
Ion	Ratio	Lower	Upper
42	100		
74	116.5	89.5	134.3
44	7.9	6.6	9.8





#5
2-Fluorophenol
Concen: 85.116 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

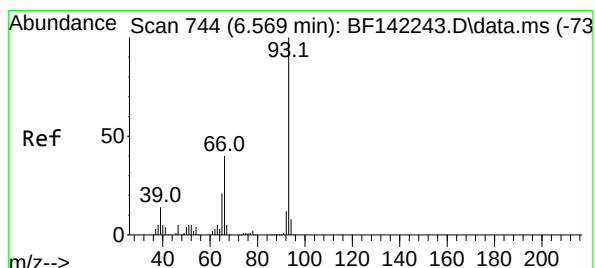
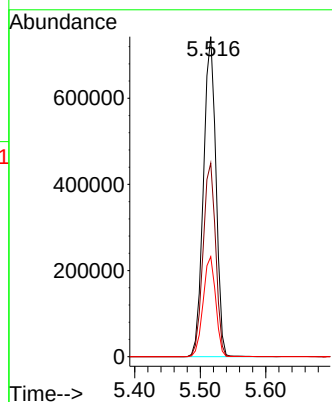
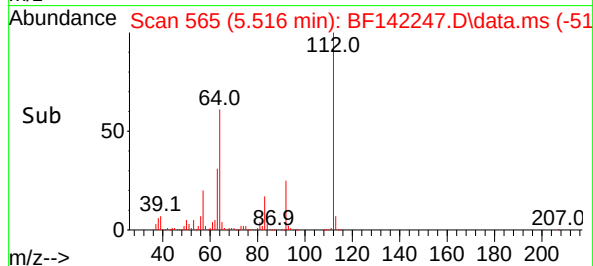
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion: 112 Resp: 987704
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.2 24.8 37.2

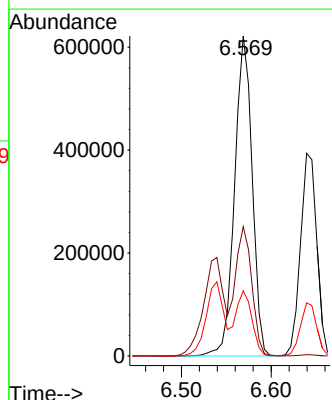
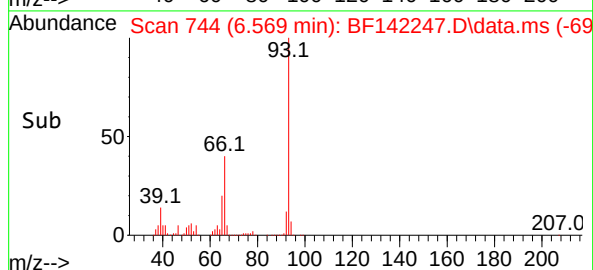
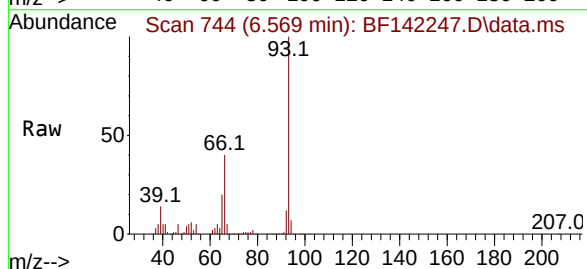
Manual Integrations
APPROVED

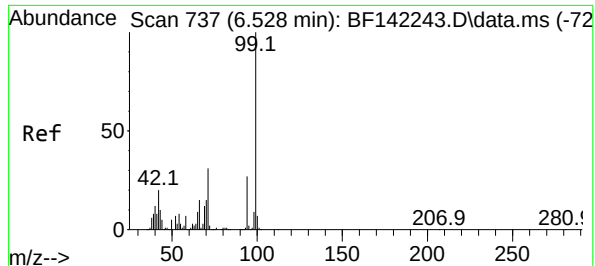
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#6
Aniline
Concen: 42.598 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion: 93 Resp: 844910
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.3 16.6 24.8





#7

Phenol-d6

Concen: 85.730 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF142247.D

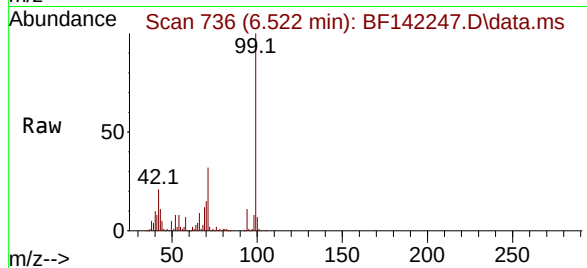
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion: 99 Resp: 1201328

Ion Ratio Lower Upper

99 100

42 21.4 16.3 24.5

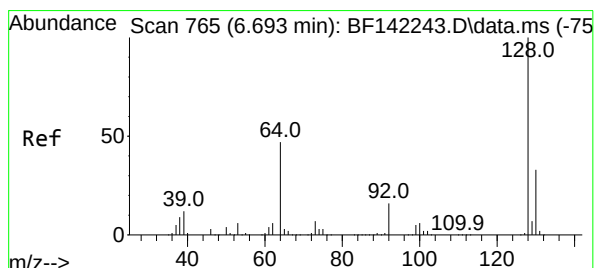
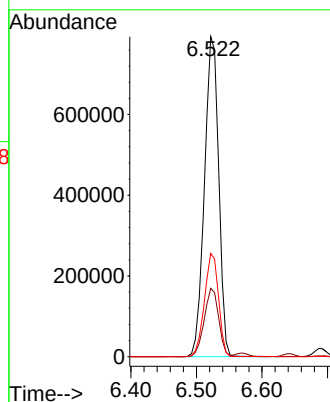
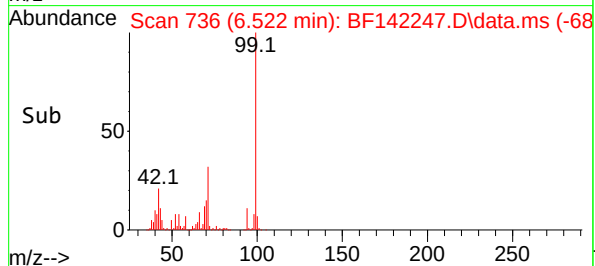
71 32.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#8

2-Chlorophenol

Concen: 44.202 ng

RT: 6.692 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

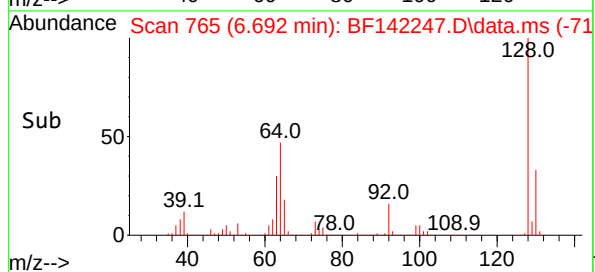
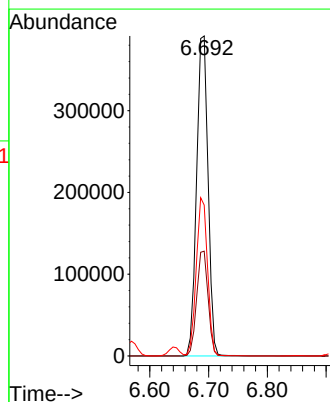
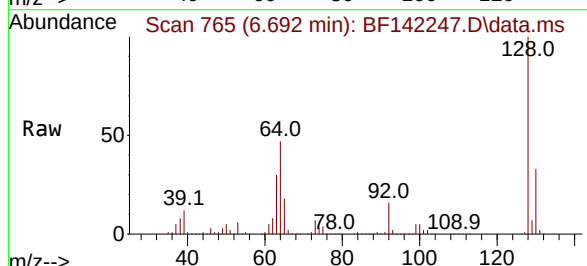
Tgt Ion:128 Resp: 530021

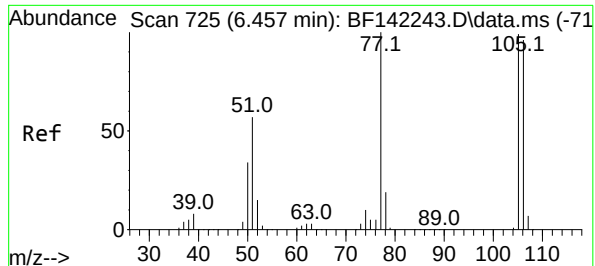
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 47.1 28.6 68.6





#9

Benzaldehyde

Concen: 42.925 ng

RT: 6.457 min Scan# 725

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion: 77 Resp: 420408

Ion Ratio Lower Upper

77 100

105 98.5 79.1 119.1

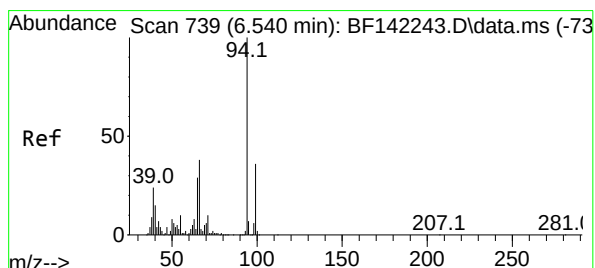
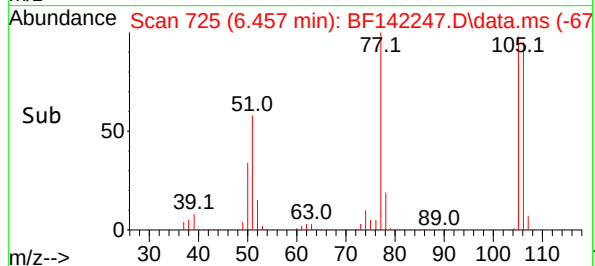
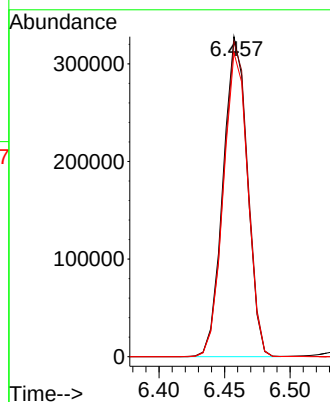
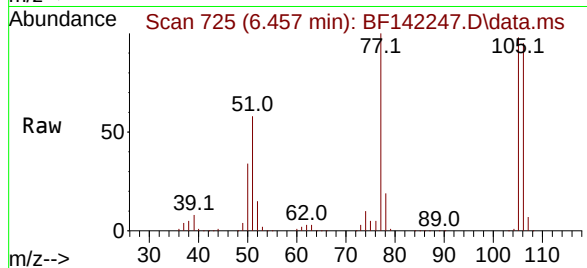
106 95.0 76.0 116.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#10

Phenol

Concen: 42.765 ng m

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

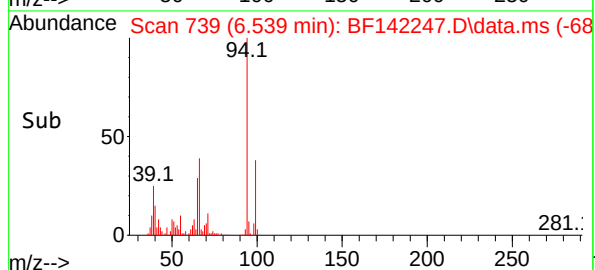
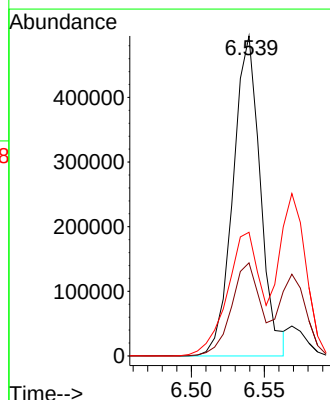
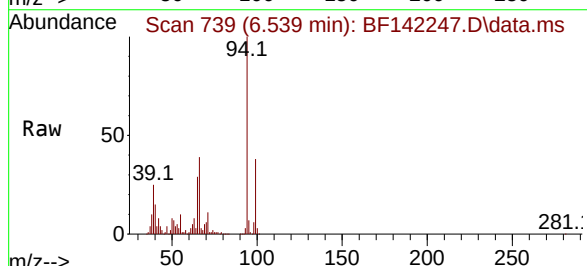
Tgt Ion: 94 Resp: 645155

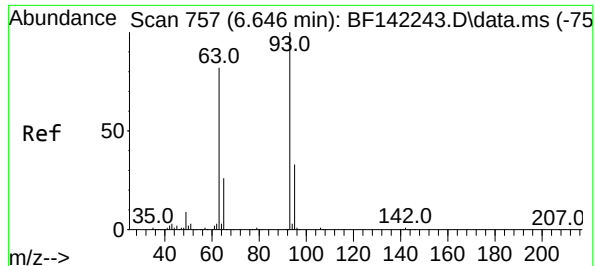
Ion Ratio Lower Upper

94 100

65 29.1 8.9 48.9

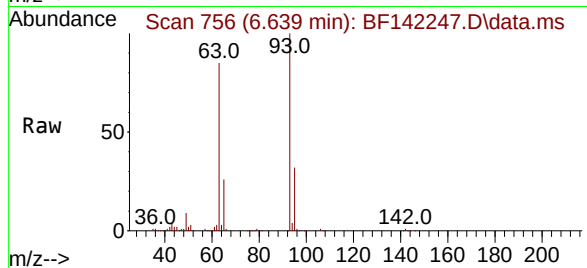
66 38.7 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 42.329 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

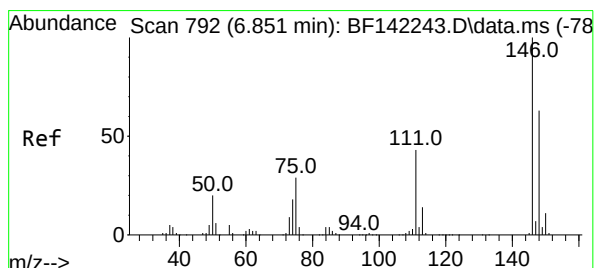
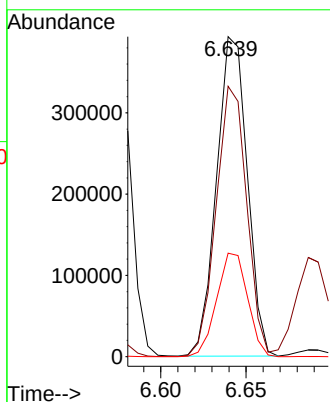
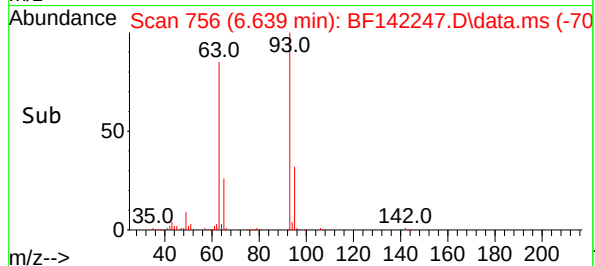
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion: 93 Resp: 49484
Ion Ratio Lower Upper
93 100
63 84.5 62.2 102.2
95 32.4 12.7 52.7

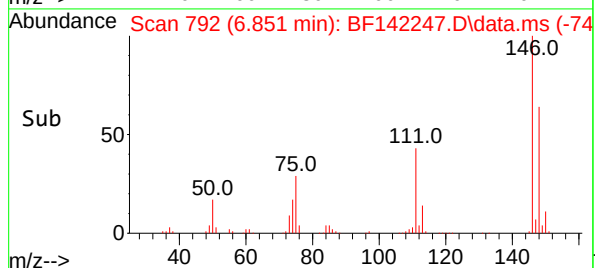
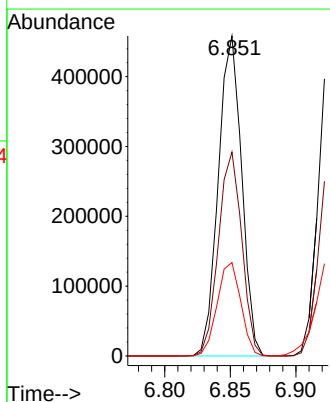
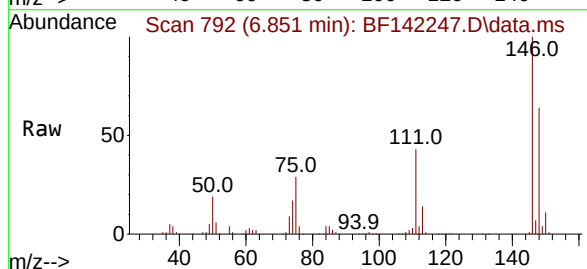
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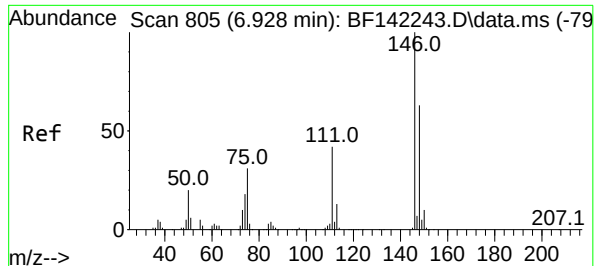
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#12
1,3-Dichlorobenzene
Concen: 41.819 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:146 Resp: 567280
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.2 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.924 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:146 Resp: 572974

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

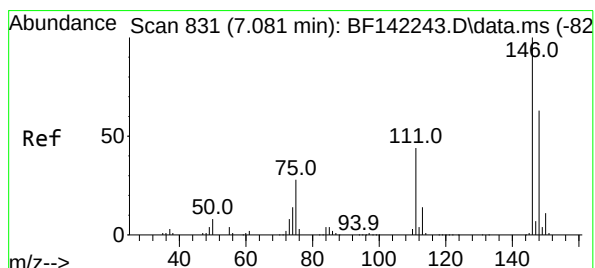
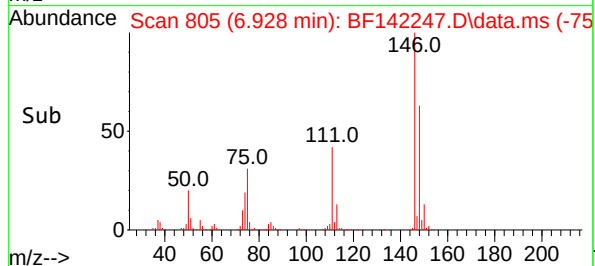
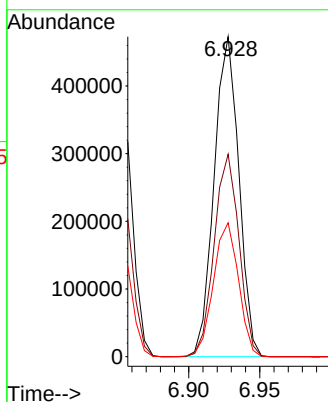
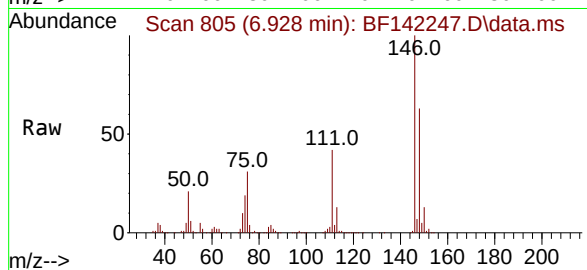
111 41.8 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#14

1,2-Dichlorobenzene

Concen: 42.247 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

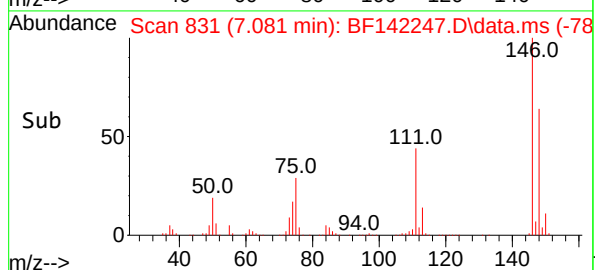
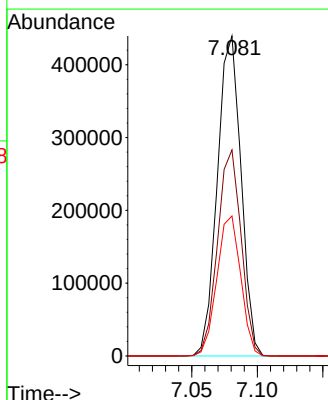
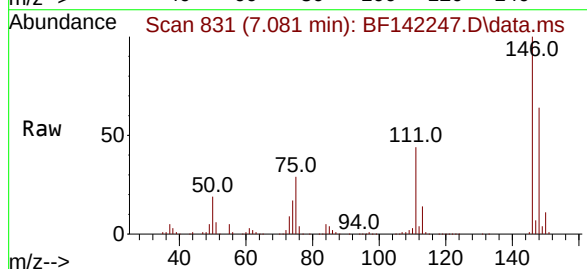
Tgt Ion:146 Resp: 551216

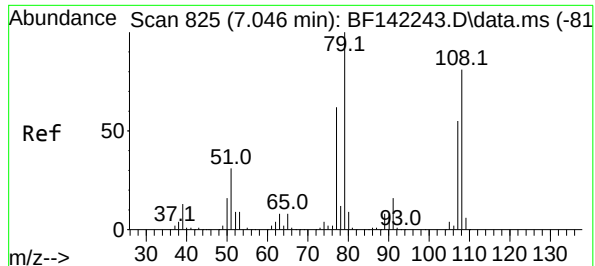
Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

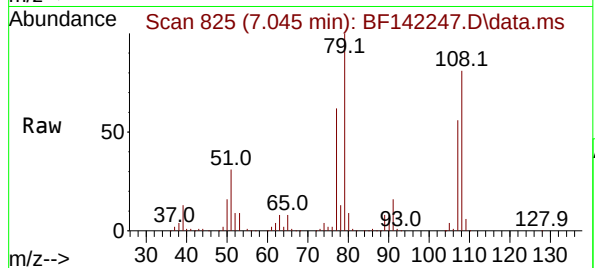
111 43.8 34.9 52.3





#15
Benzyl Alcohol
Concen: 43.378 ng
RT: 7.045 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

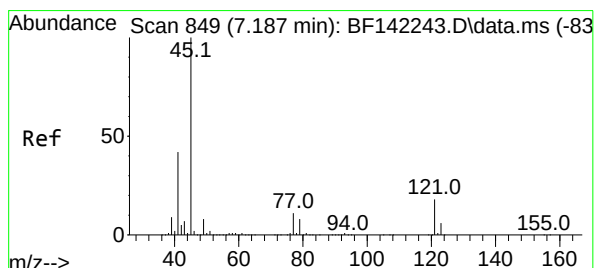
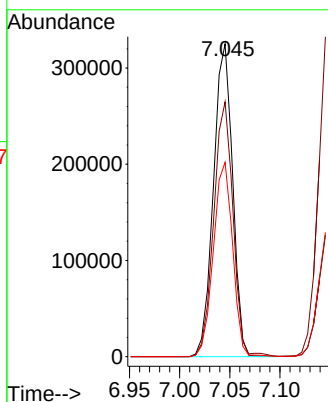
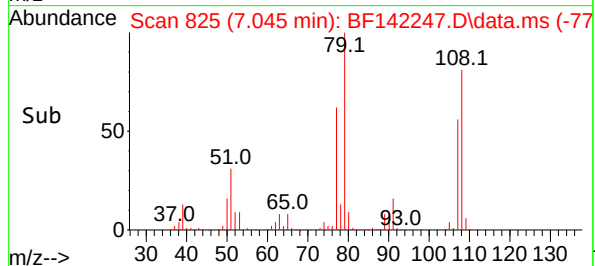
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion: 79 Resp: 431108
Ion Ratio Lower Upper
79 100
108 81.5 64.5 96.7
77 62.1 49.2 73.8

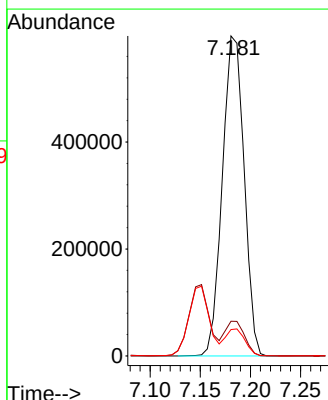
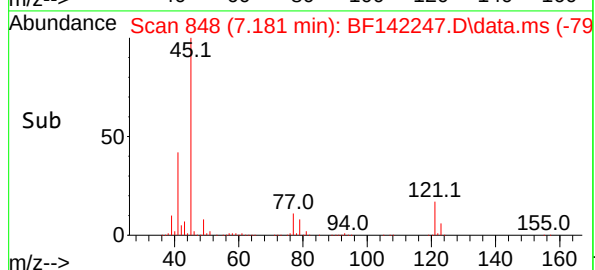
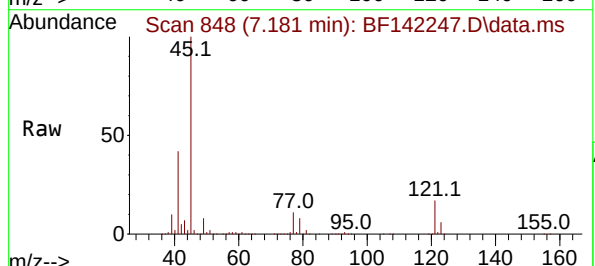
Manual Integrations
APPROVED

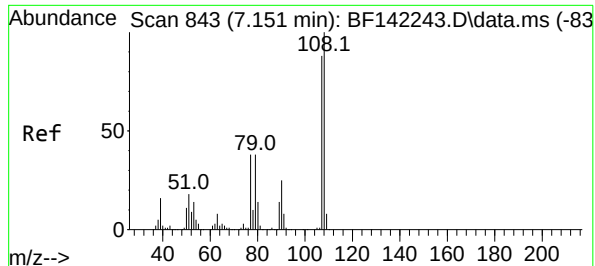
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.684 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

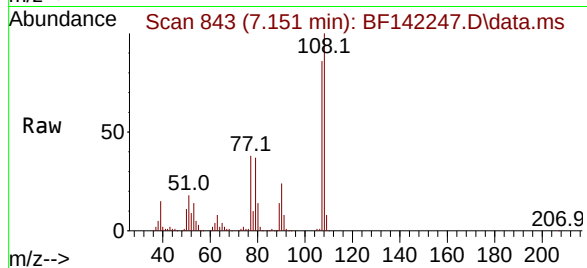
Tgt Ion: 45 Resp: 901053
Ion Ratio Lower Upper
45 100
77 10.9 0.0 31.3
79 8.2 0.0 28.5





#17
2-Methylphenol
Concen: 42.288 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

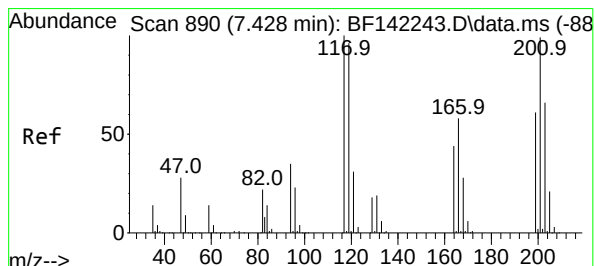
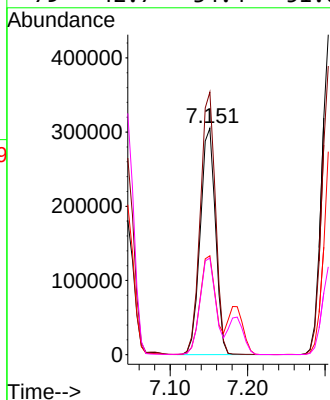
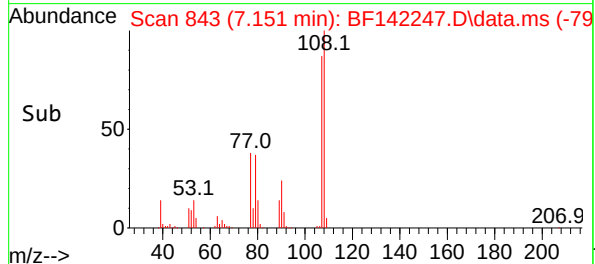
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



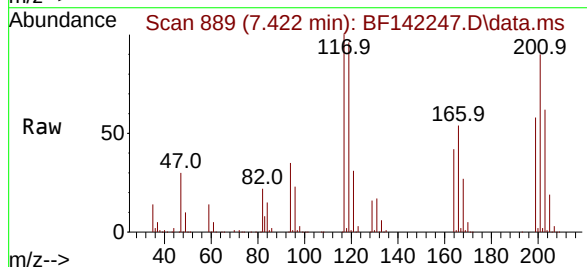
Tgt Ion:107 Resp: 41540
Ion Ratio Lower Upper
107 100
108 116.0 91.0 136.4
77 43.7 34.4 51.6
79 42.7 34.4 51.6

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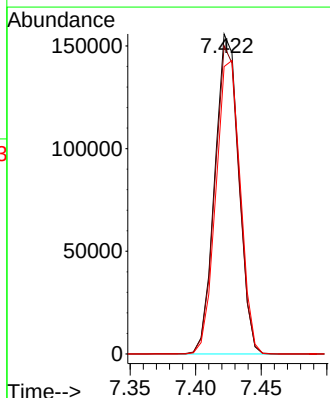
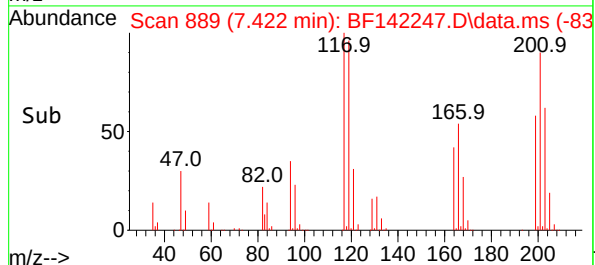
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

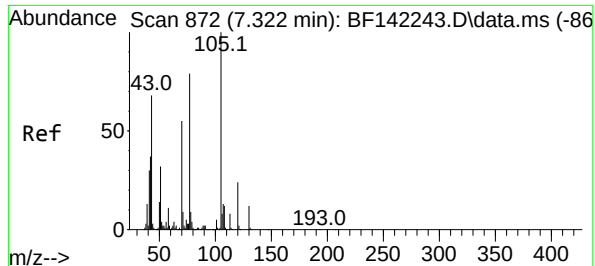


#18
Hexachloroethane
Concen: 44.255 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:117 Resp: 197959
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 89.8 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.992 ng

RT: 7.322 min Scan# 872

Delta R.T. -0.000 min

Lab File: BF142247.D

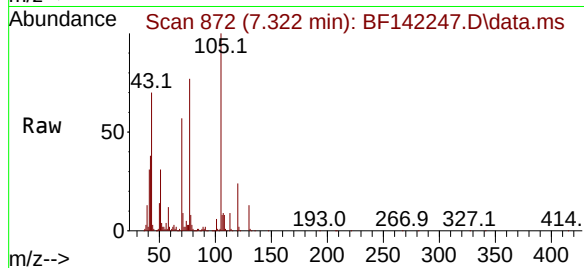
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion: 70 Resp: 36362

Ion Ratio Lower Upper

70 100

42 66.9 53.4 80.2

101 9.7 7.7 11.5

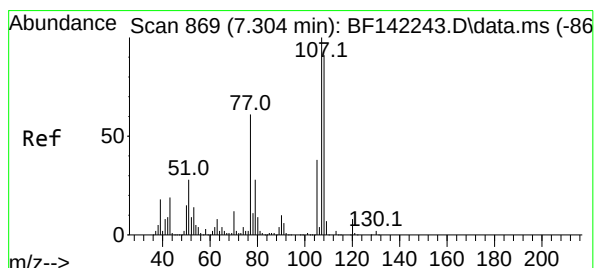
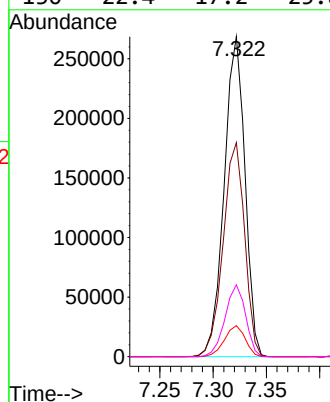
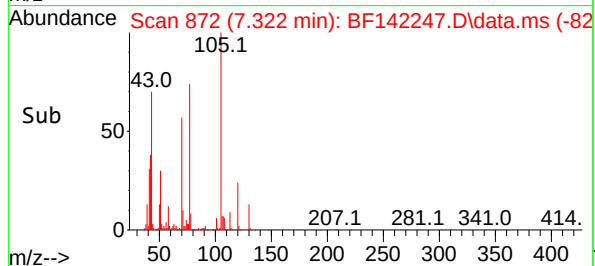
130 22.4 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#20

3+4-Methylphenols

Concen: 43.919 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion:107 Resp: 539514

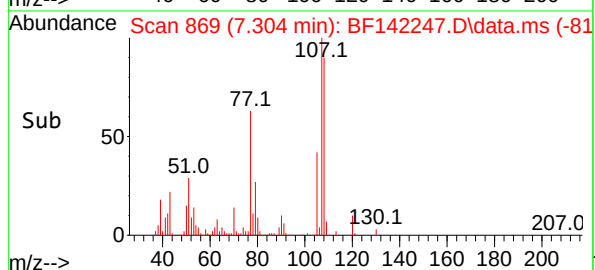
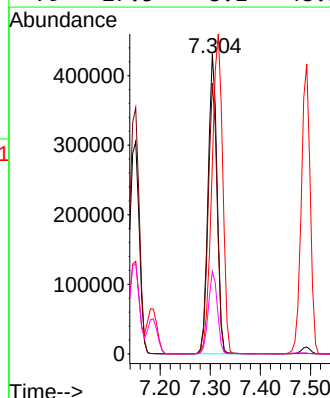
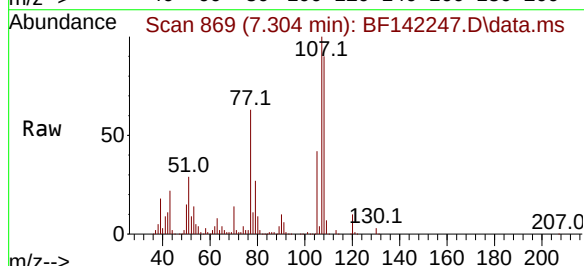
Ion Ratio Lower Upper

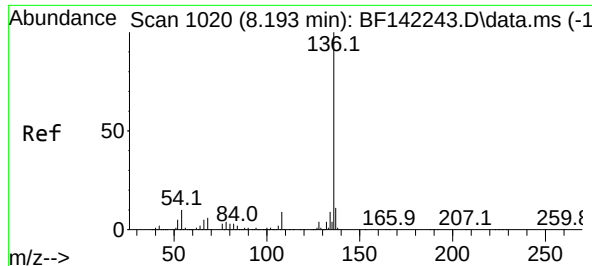
107 100

108 90.2 71.2 111.2

77 63.5 41.1 81.1

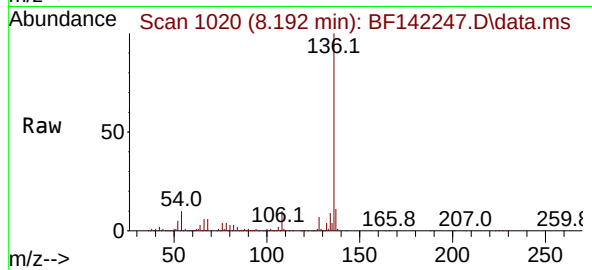
79 27.5 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

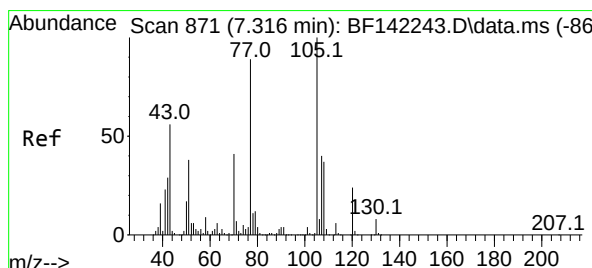
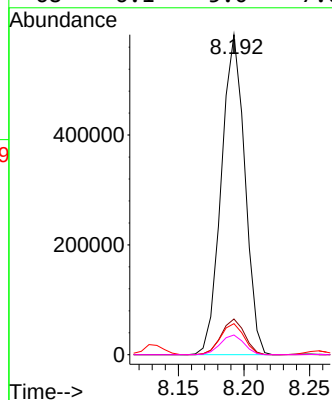
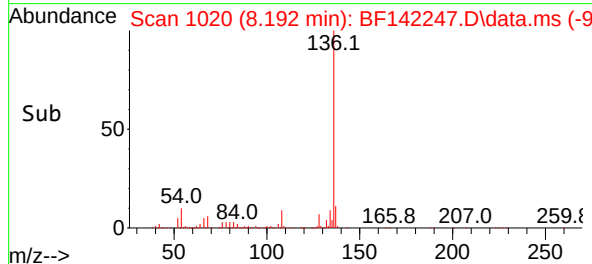
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:136 Resp: 72548
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 7.7 11.5
68 6.1 5.0 7.6

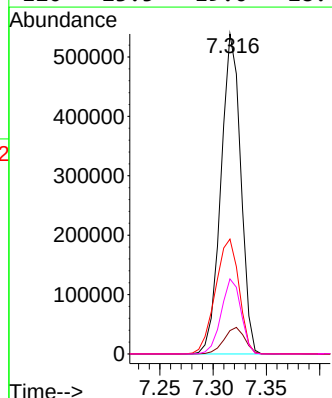
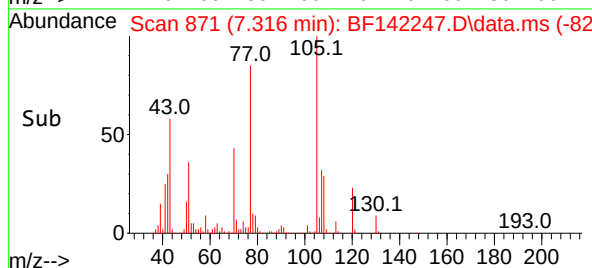
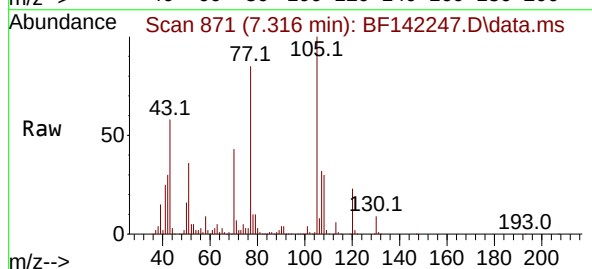
Manual Integrations
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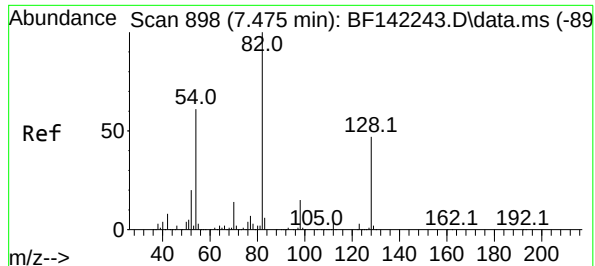
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#22
Acetophenone
Concen: 41.441 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:105 Resp: 695539
Ion Ratio Lower Upper
105 100
71 7.3 5.7 8.5
51 35.9 30.1 45.1
120 23.5 19.0 28.4





#23

Nitrobenzene-d5

Concen: 98.845 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion: 82 Resp: 109152

Ion Ratio Lower Upper

82 100

128 45.7 37.0 55.6

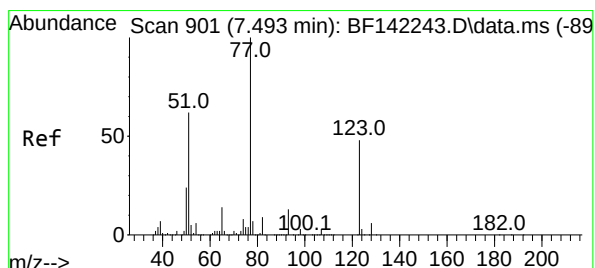
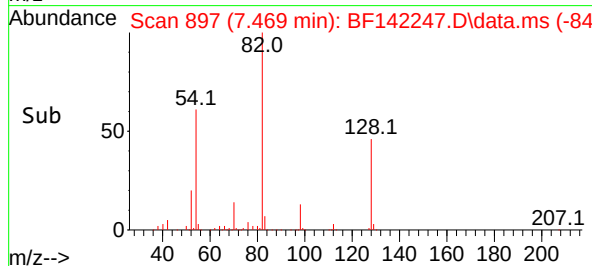
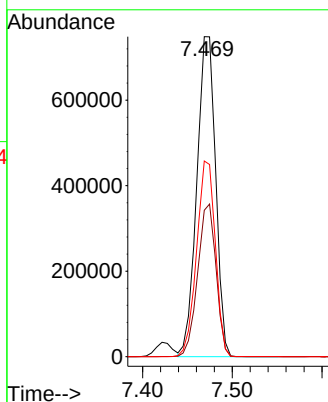
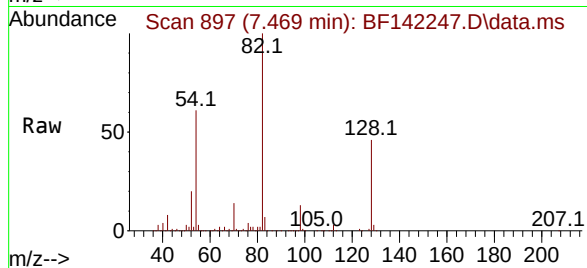
54 61.2 48.0 72.0

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#24

Nitrobenzene

Concen: 47.402 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

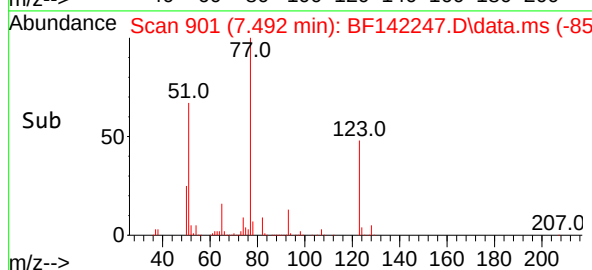
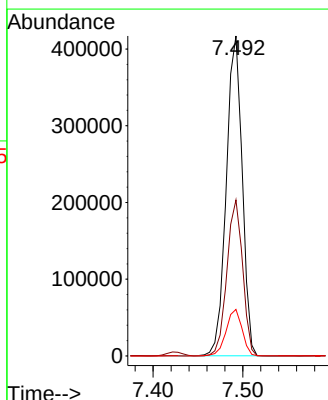
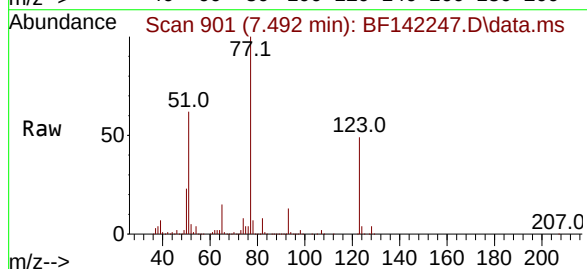
Tgt Ion: 77 Resp: 513604

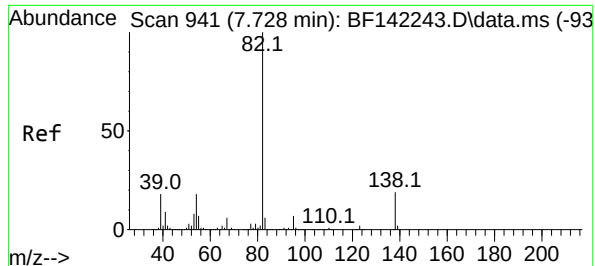
Ion Ratio Lower Upper

77 100

123 48.8 38.6 58.0

65 14.5 11.5 17.3





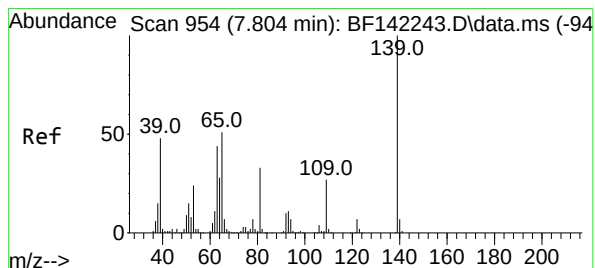
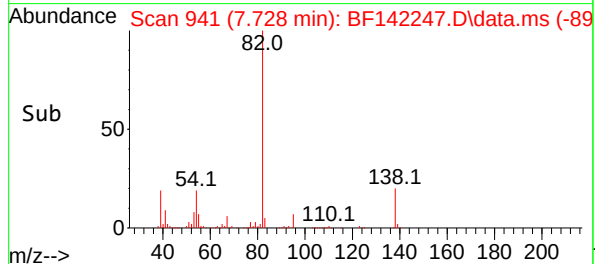
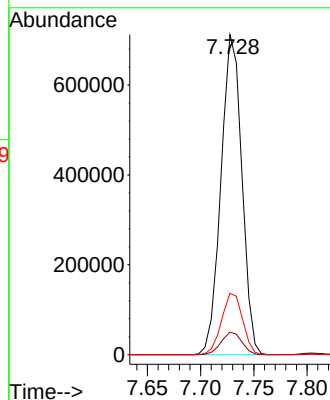
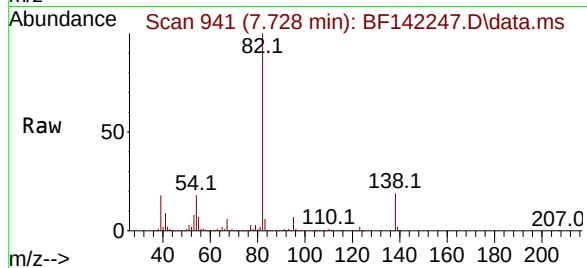
#25
Isophorone
Concen: 41.789 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Tgt Ion: 82 Resp: 968502
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.2 15.3 22.9

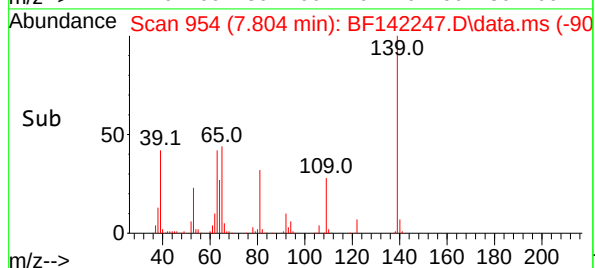
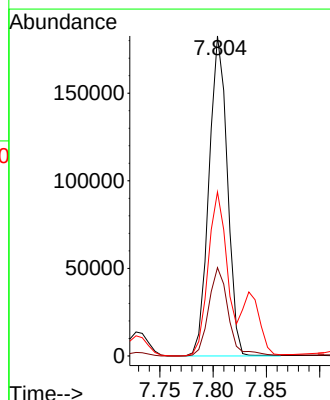
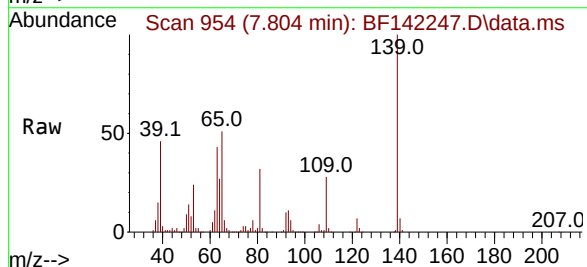
Manual Integrations
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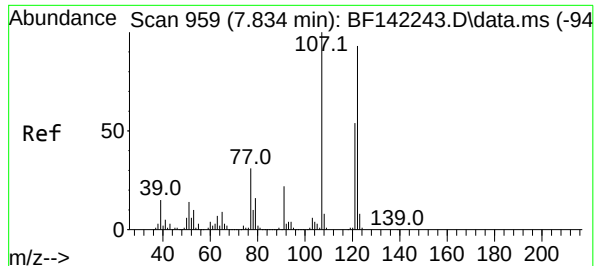
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#26
2-Nitrophenol
Concen: 48.175 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:139 Resp: 219881
Ion Ratio Lower Upper
139 100
109 27.6 21.8 32.8
65 51.2 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.004 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

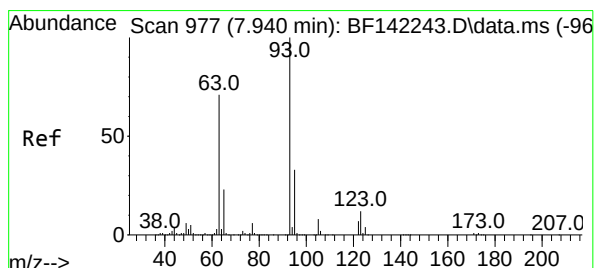
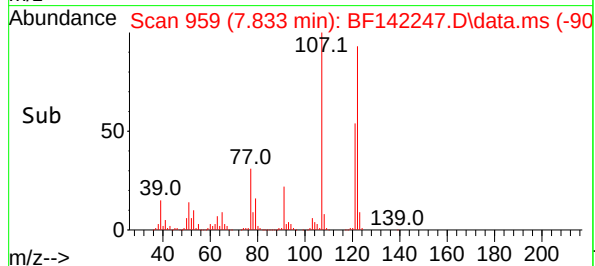
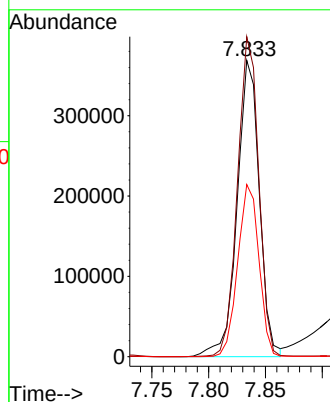
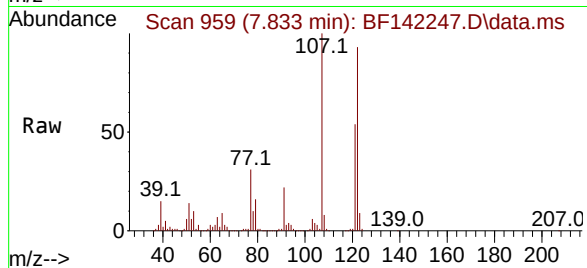
Tgt Ion	122	Resp	50250
Ion Ratio	100		
Lower			
Upper			
107	108.0	86.0	129.0
121	58.1	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.780 ng

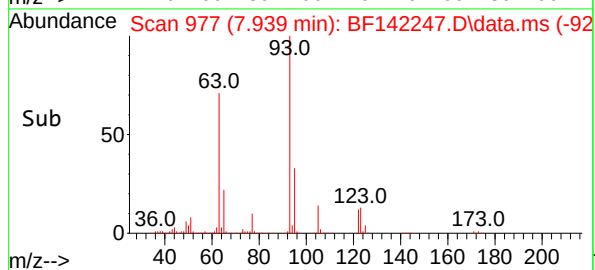
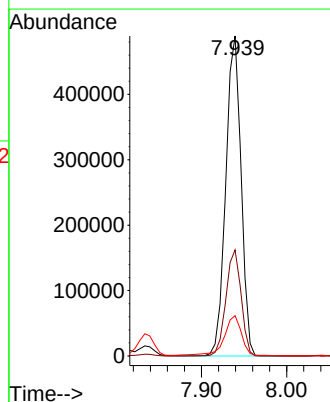
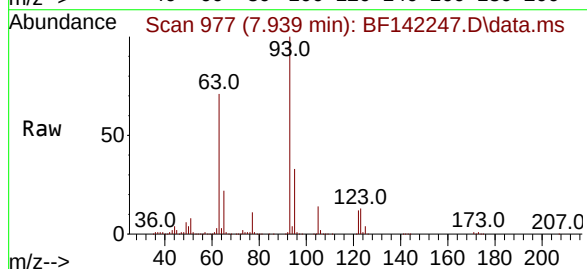
RT: 7.939 min Scan# 977

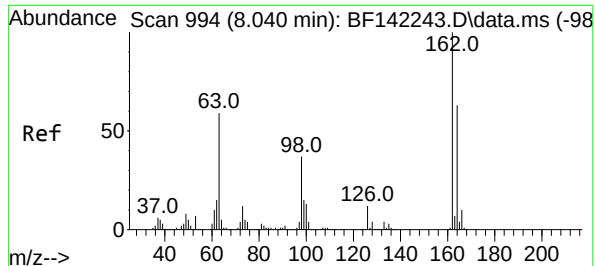
Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Tgt Ion	93	Resp	610669
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
95	33.1	26.2	39.2
123	12.6	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 44.013 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142247.D

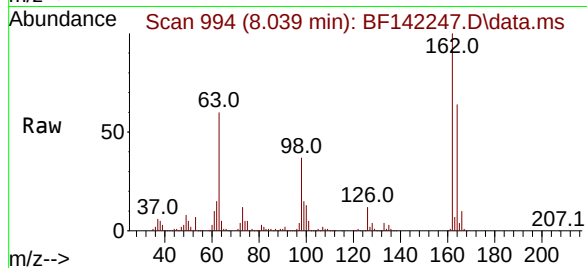
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



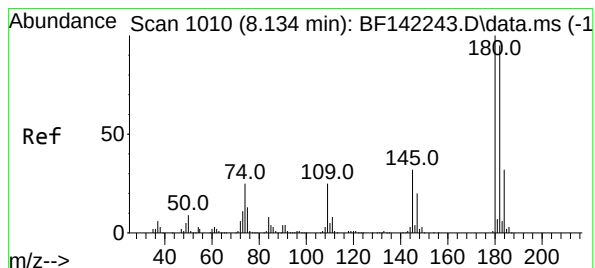
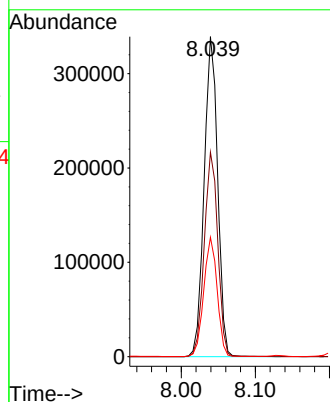
Tgt Ion:	162	Resp:	42996
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.0	83.0
98	37.3	16.7	56.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#30

1,2,4-Trichlorobenzene

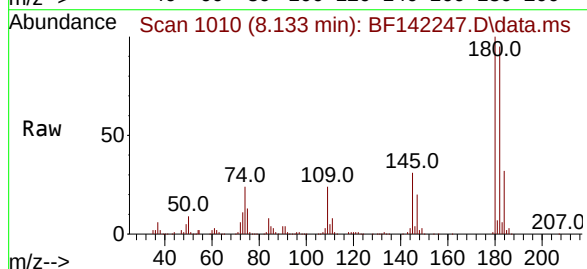
Concen: 41.724 ng

RT: 8.133 min Scan# 1010

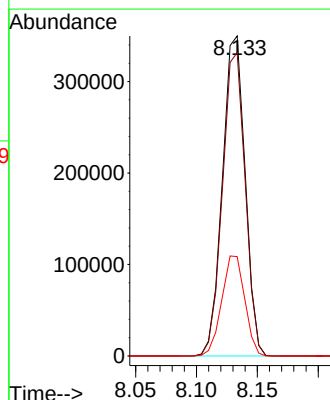
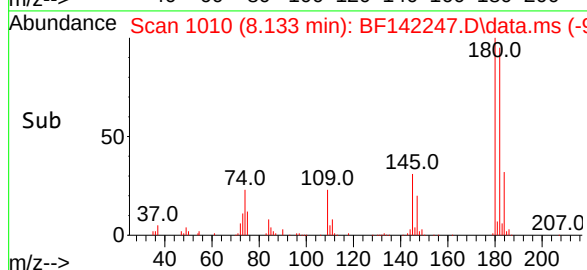
Delta R.T. -0.000 min

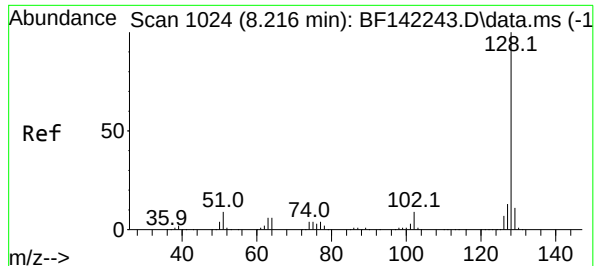
Lab File: BF142247.D

Acq: 30 Apr 2025 16:17



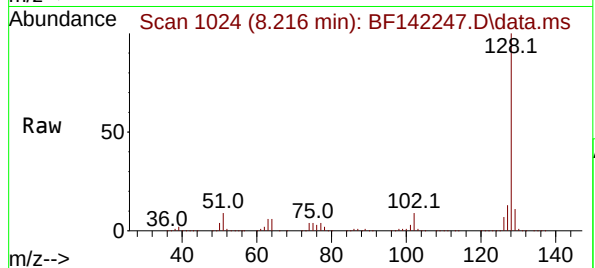
Tgt Ion:	180	Resp:	454848
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.7	113.5
145	31.1	25.4	38.0





#31
Naphthalene
Concen: 41.005 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

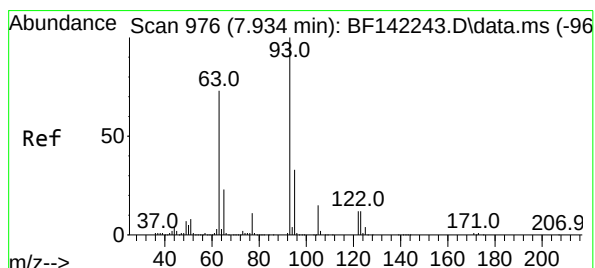
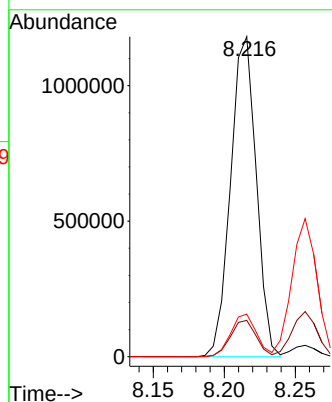
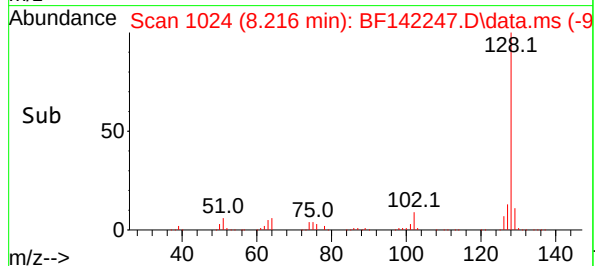
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:128 Resp: 148356
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 15.8

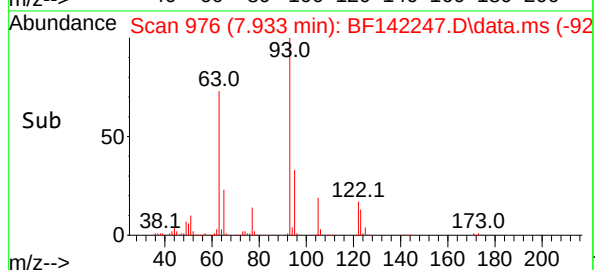
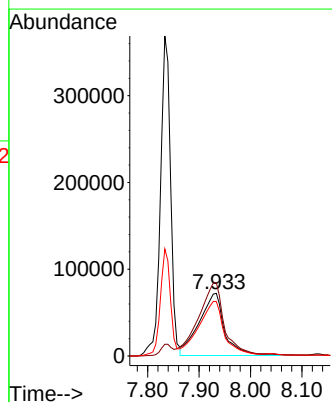
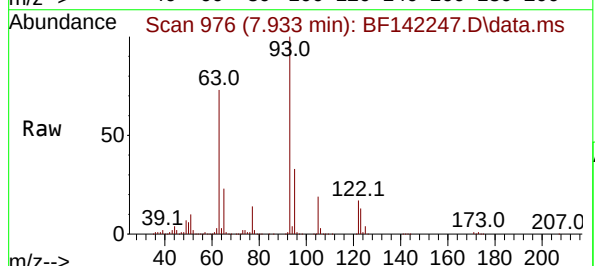
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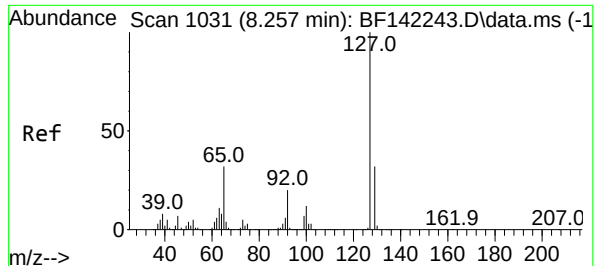
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#32
Benzoic acid
Concen: 45.113 ng m
RT: 7.933 min Scan# 976
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

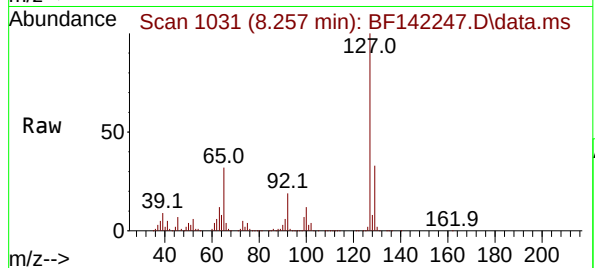
Tgt Ion:122 Resp: 246172
Ion Ratio Lower Upper
122 100
105 117.2 98.2 138.2
77 86.9 66.8 106.8





#33
4-Chloroaniline
Concen: 41.344 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

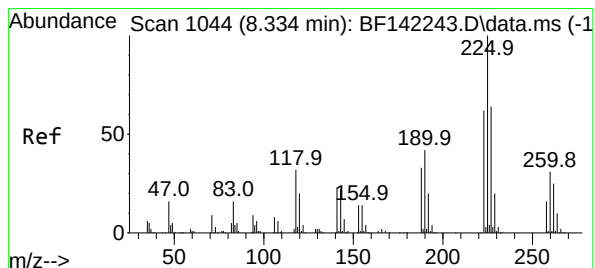
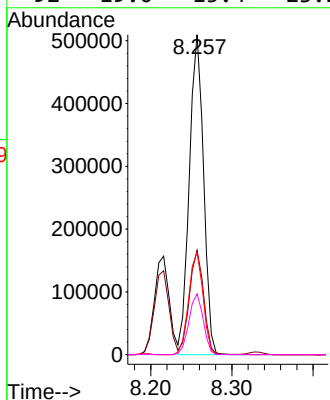
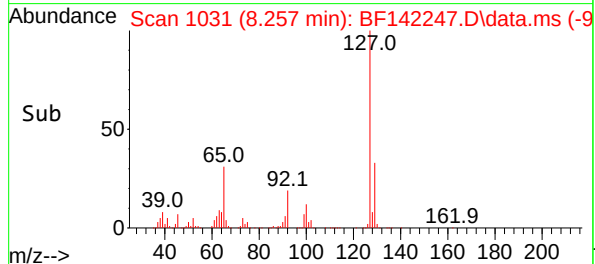
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:127 Resp: 622894
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 32.0 25.5 38.3
92 19.0 15.4 23.2

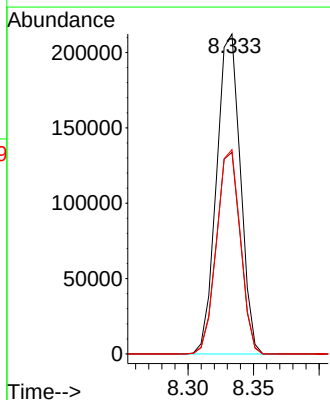
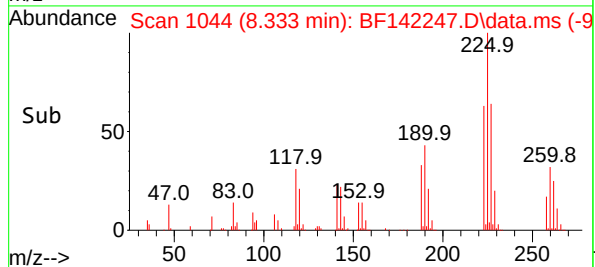
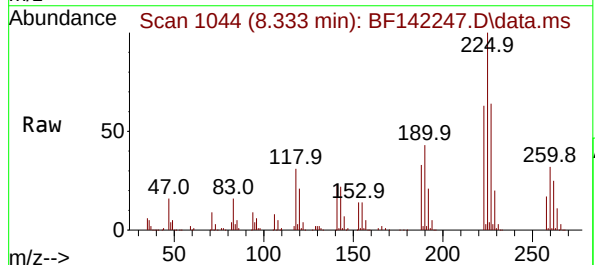
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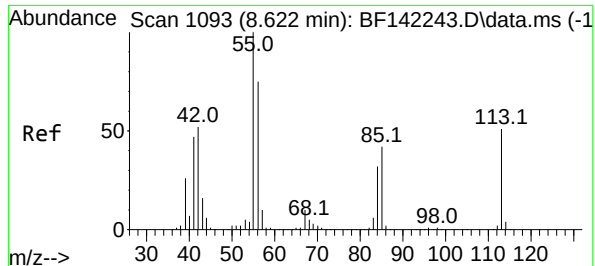
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#34
Hexachlorobutadiene
Concen: 42.127 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

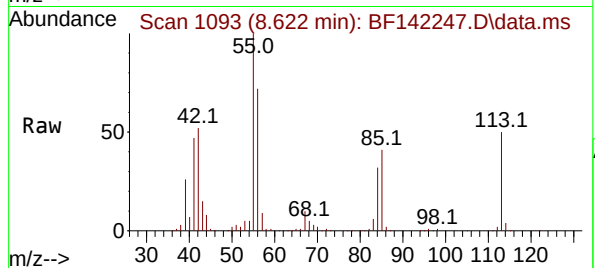
Tgt Ion:225 Resp: 267940
Ion Ratio Lower Upper
225 100
223 63.0 49.7 74.5
227 63.9 51.0 76.4





#35
Caprolactam
Concen: 44.434 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

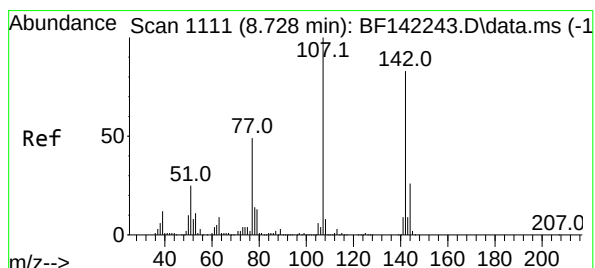
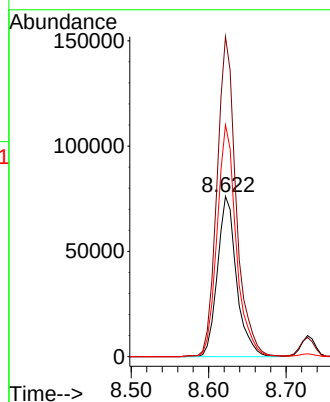
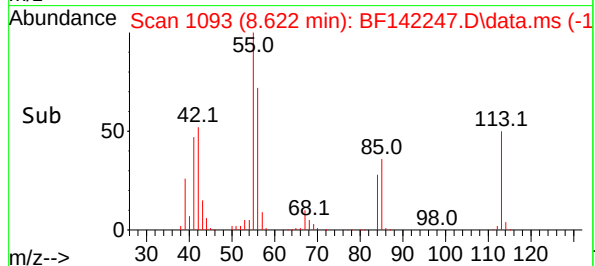
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:113 Resp: 13047
Ion Ratio Lower Upper
113 100
55 199.6 177.7 217.7
56 144.7 127.1 167.1

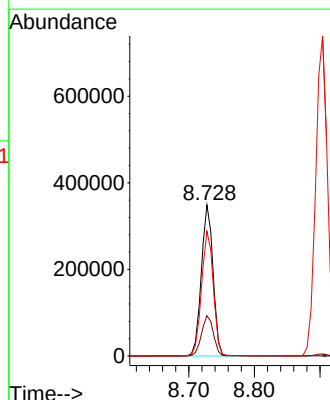
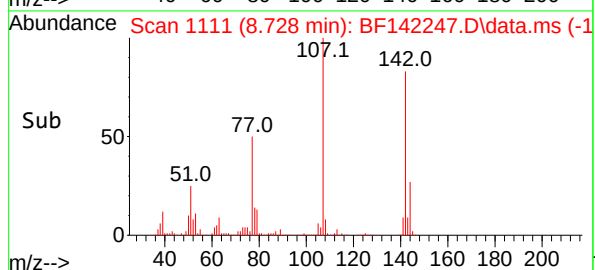
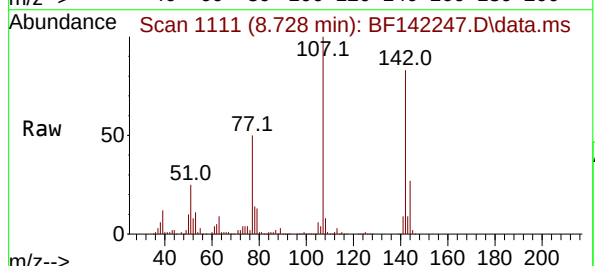
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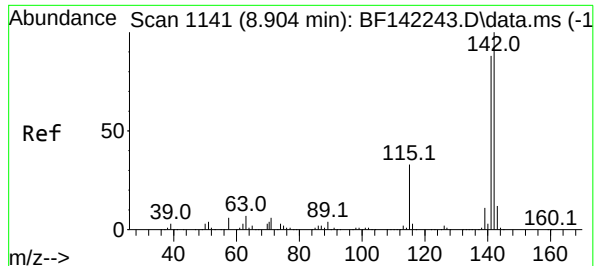
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#36
4-Chloro-3-methylphenol
Concen: 43.485 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

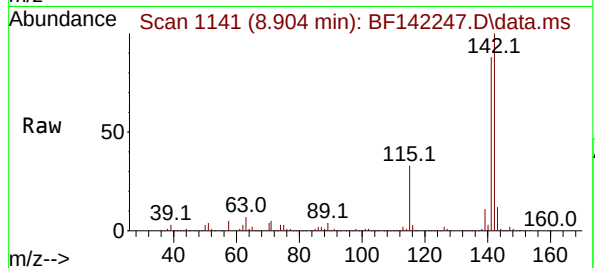
Tgt Ion:107 Resp: 436215
Ion Ratio Lower Upper
107 100
144 26.7 21.0 31.4
142 82.5 66.1 99.1





#37
2-Methylnaphthalene
Concen: 41.155 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

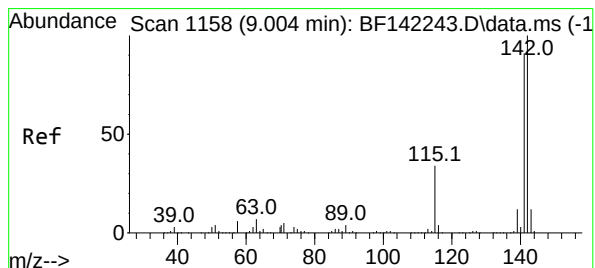
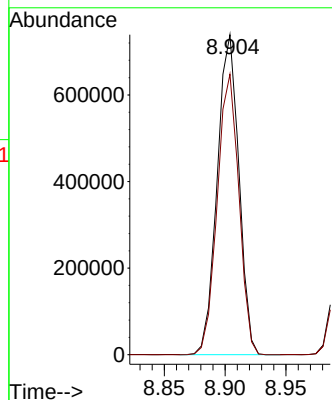
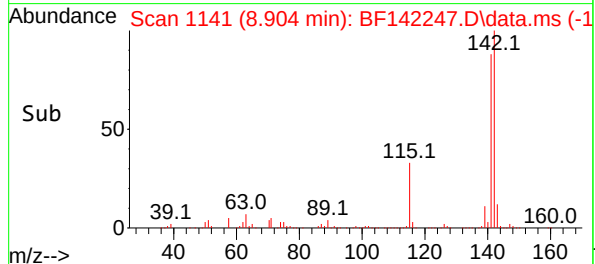
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:142 Resp: 915474
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7

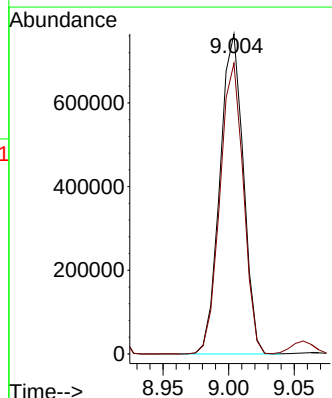
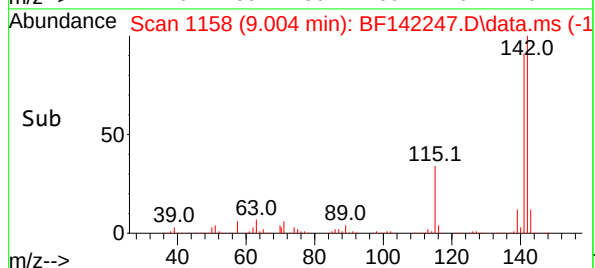
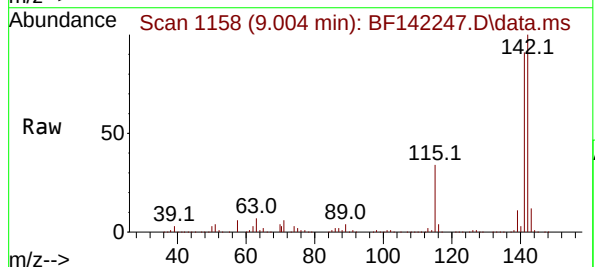
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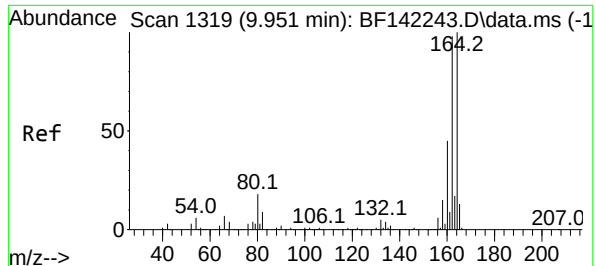
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#38
1-Methylnaphthalene
Concen: 41.232 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

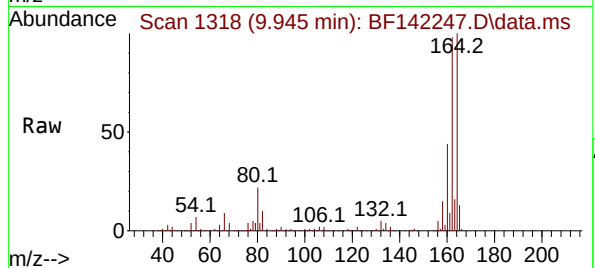
Tgt Ion:142 Resp: 950163
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

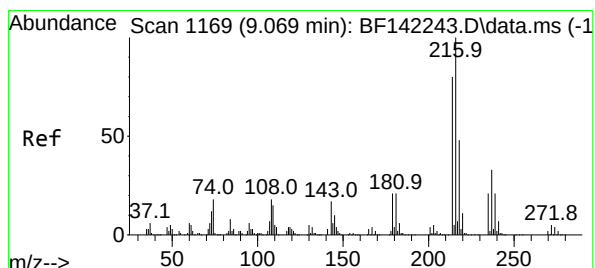
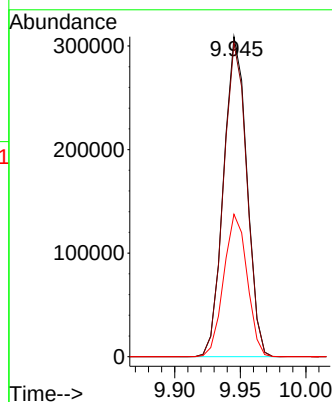
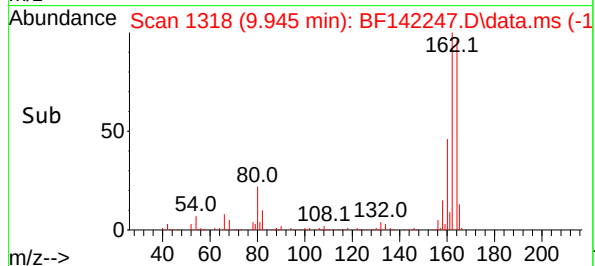
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:164 Resp: 381170
Ion Ratio Lower Upper
164 100
162 98.0 78.6 117.8
160 44.5 35.7 53.5

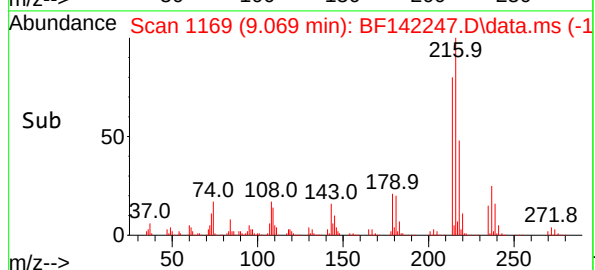
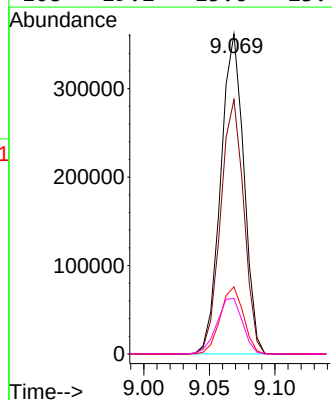
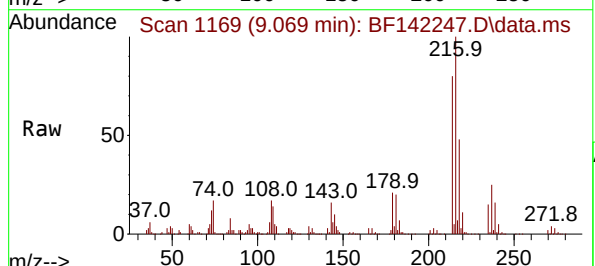
Manual Integrations
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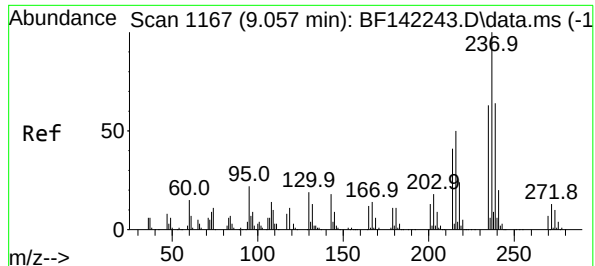
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.349 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

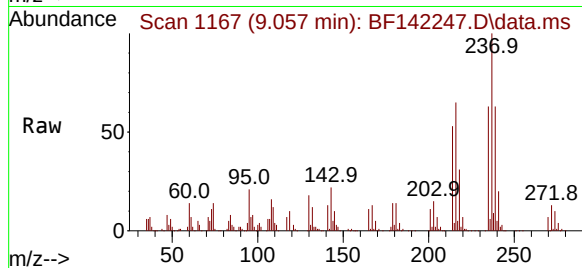
Tgt Ion:216 Resp: 443561
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.6
179 21.0 16.7 25.1
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 47.321 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

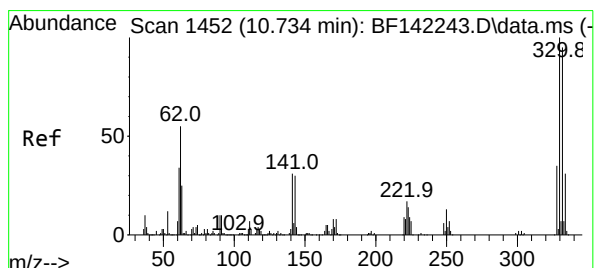
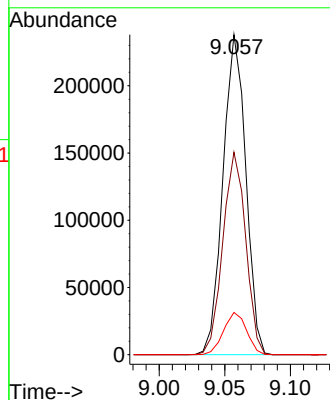
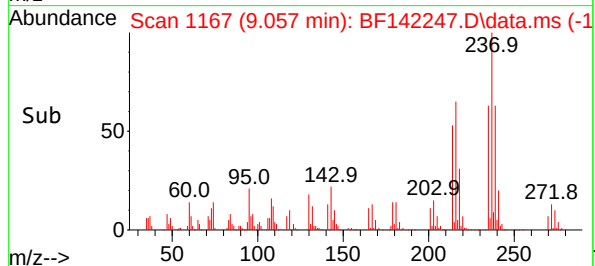
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:237 Resp: 288102
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.2 0.0 32.9

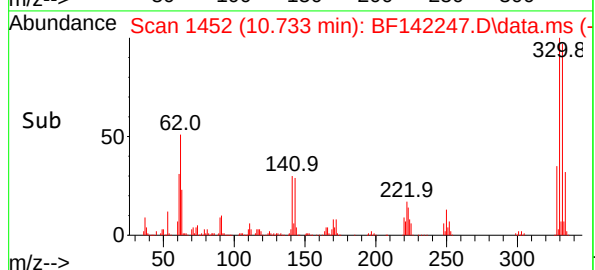
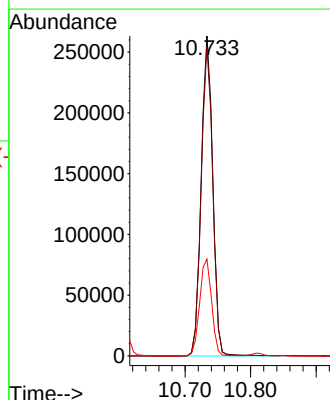
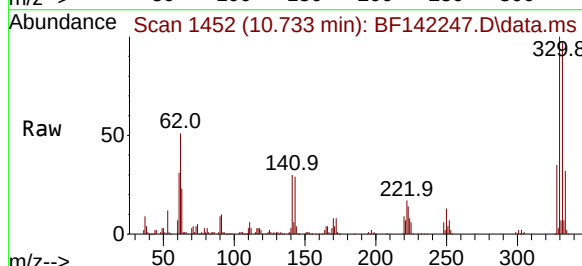
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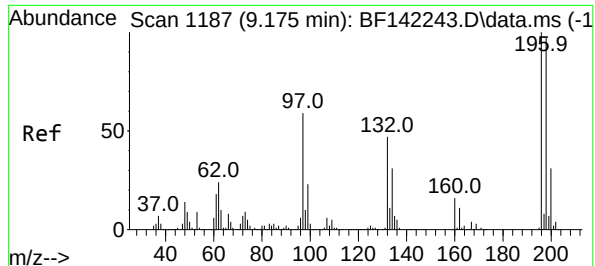
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#42
2,4,6-Tribromophenol
Concen: 93.044 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:330 Resp: 323319
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 31.4 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 45.713 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142247.D

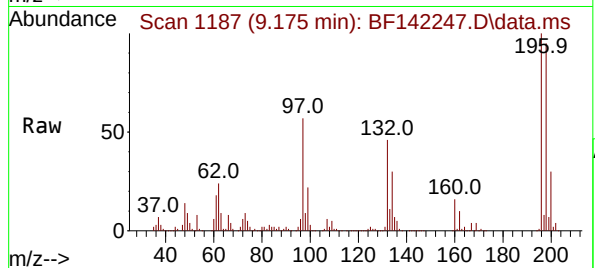
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion:196 Resp: 303872

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.2

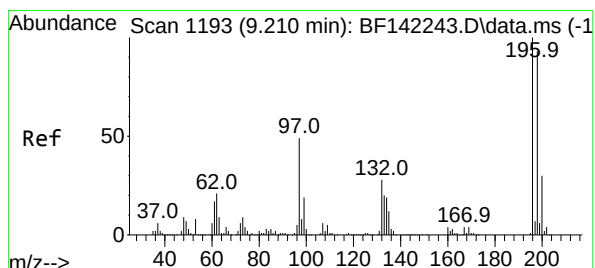
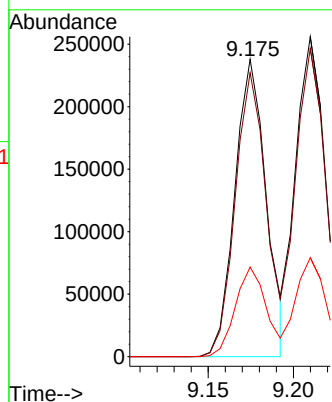
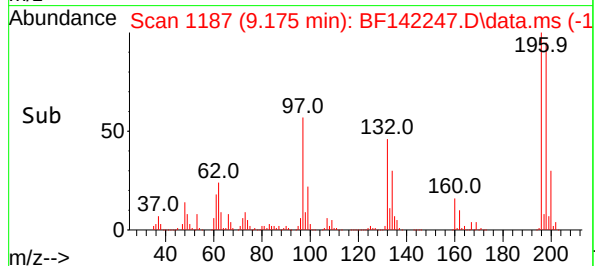
200 30.1 24.6 37.0

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#44

2,4,5-Trichlorophenol

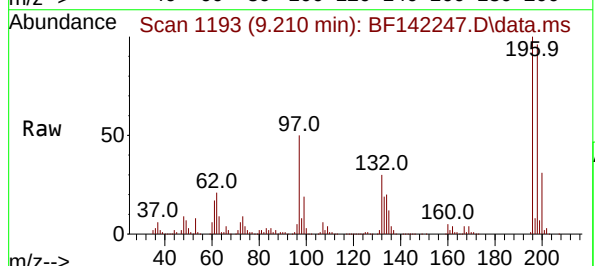
Concen: 44.676 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17



Tgt Ion:196 Resp: 312237

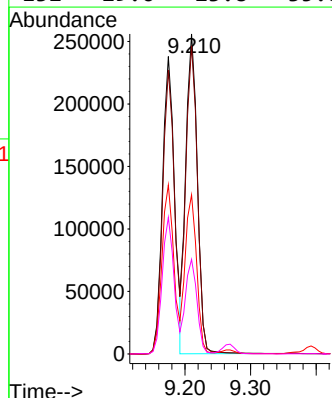
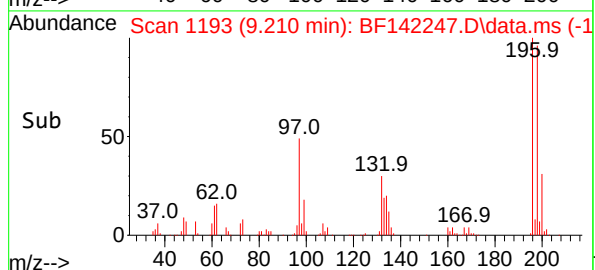
Ion Ratio Lower Upper

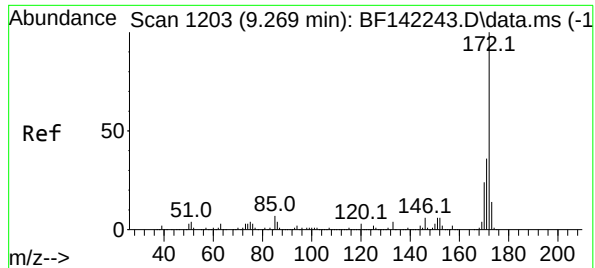
196 100

198 96.3 75.2 112.8

97 49.7 39.8 59.8

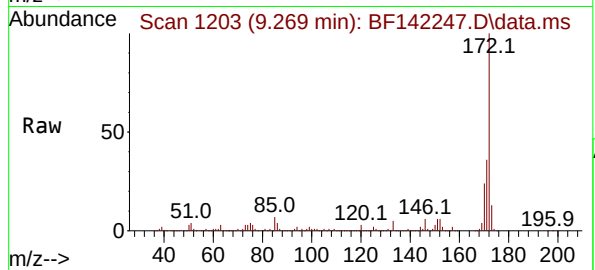
132 29.6 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 79.807 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

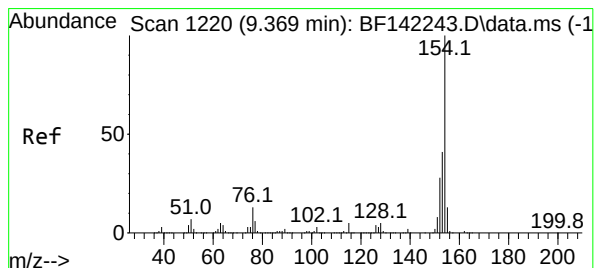
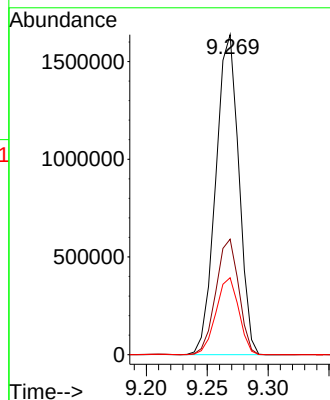
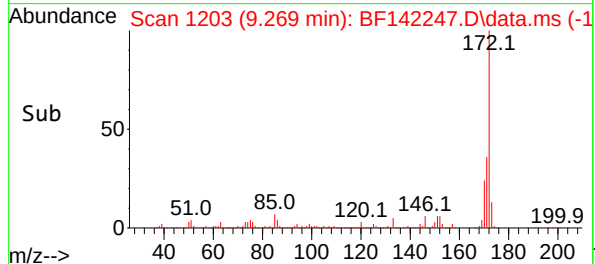
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:172 Resp: 2157499
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0

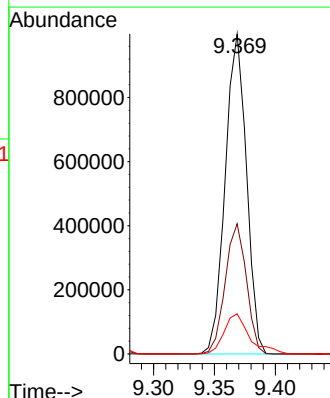
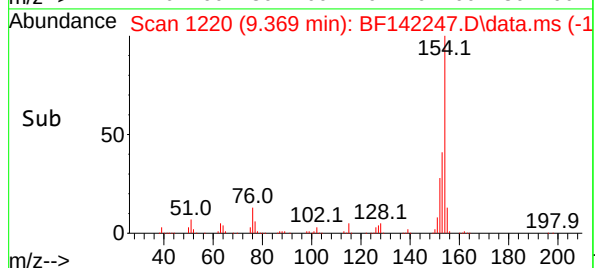
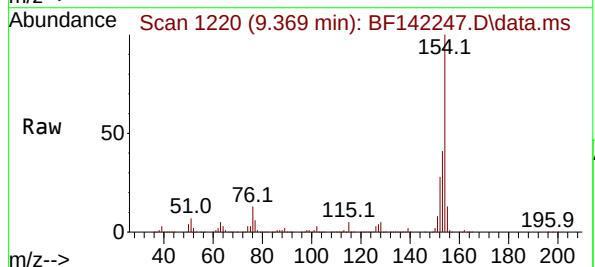
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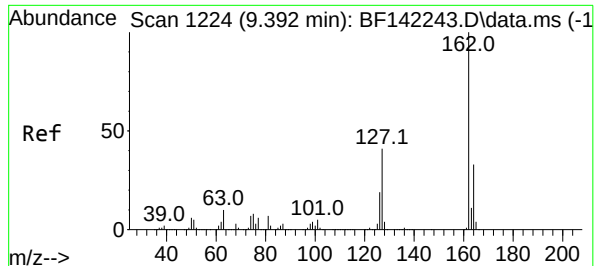
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#46
1,1'-Biphenyl
Concen: 40.936 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:154 Resp: 1213047
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.003 ng

RT: 9.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:162 Resp: 903974

Ion Ratio Lower Upper

162 100

127 41.2 32.6 49.0

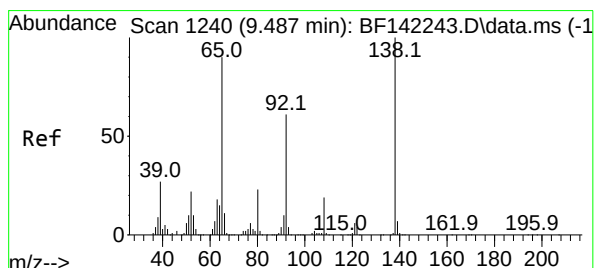
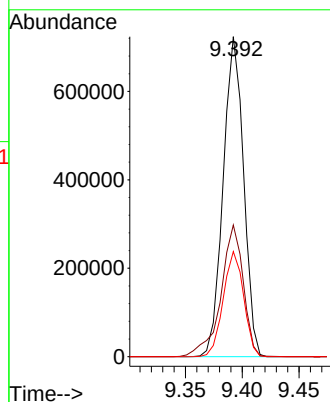
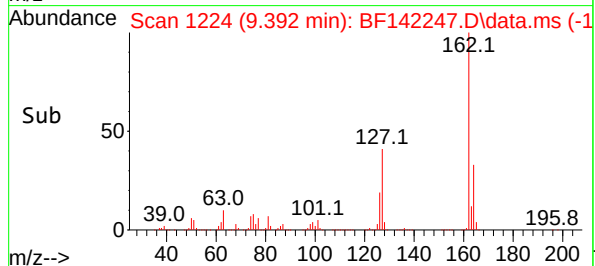
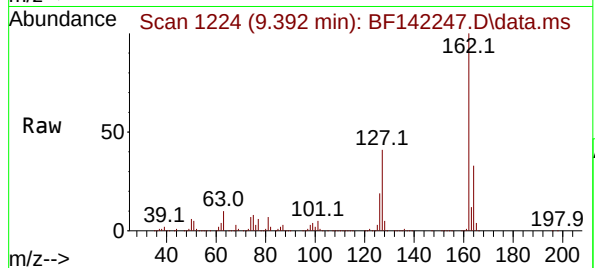
164 32.8 26.1 39.1

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#48

2-Nitroaniline

Concen: 46.523 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.007 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

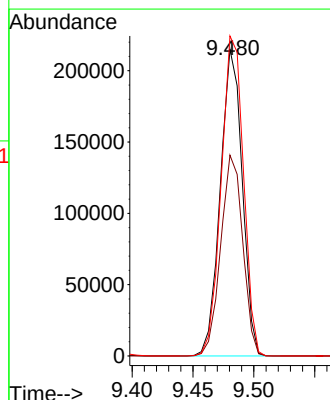
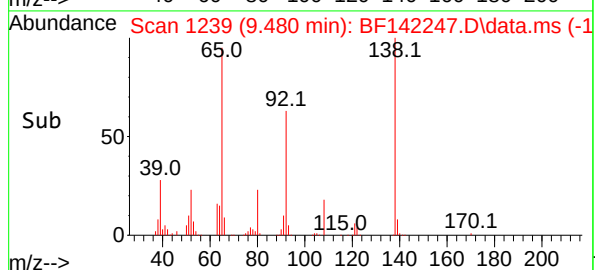
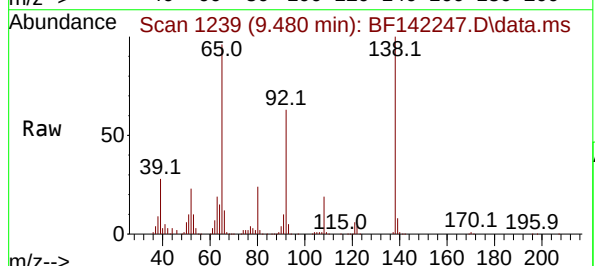
Tgt Ion: 65 Resp: 269528

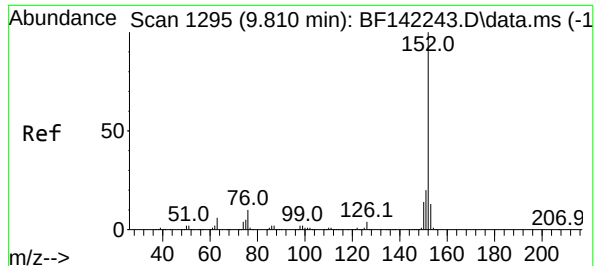
Ion Ratio Lower Upper

65 100

92 65.5 54.3 81.5

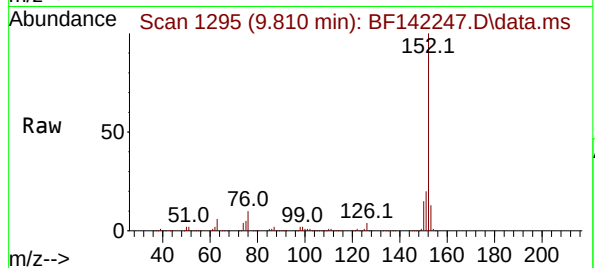
138 104.3 88.6 133.0





#49
Acenaphthylene
Concen: 41.211 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

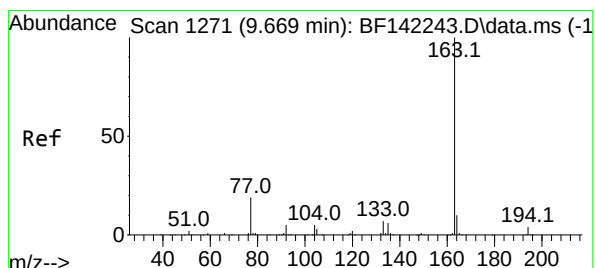
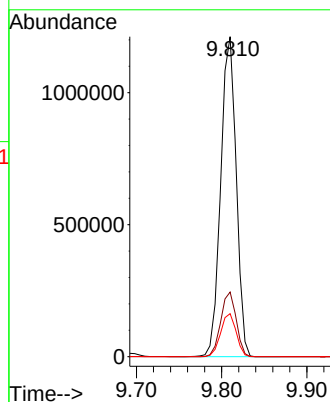
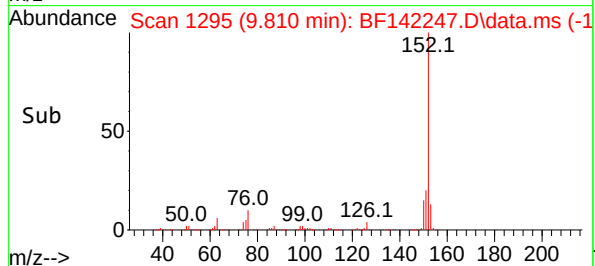
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:152 Resp: 1533164
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.7 16.1

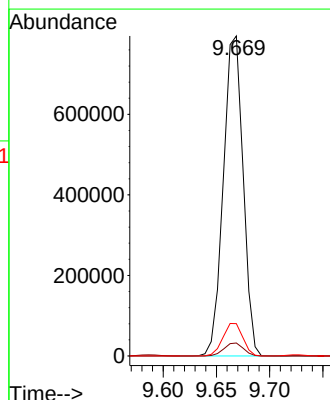
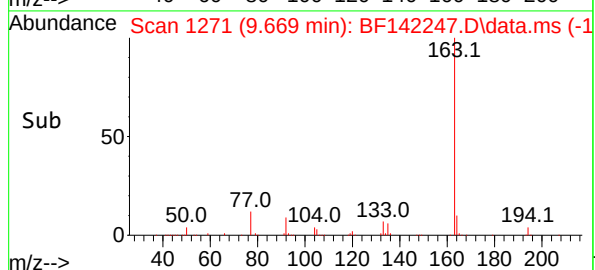
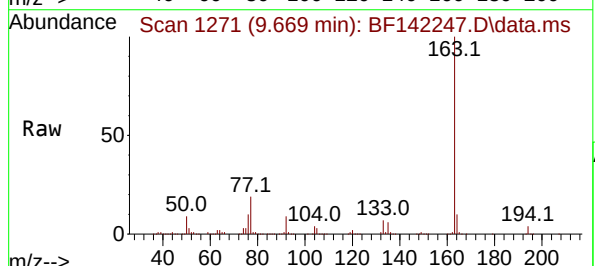
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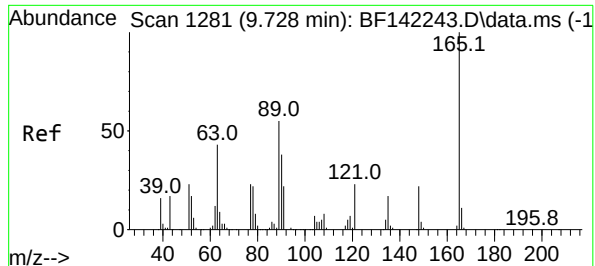
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#50
Dimethylphthalate
Concen: 42.054 ng
RT: 9.669 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

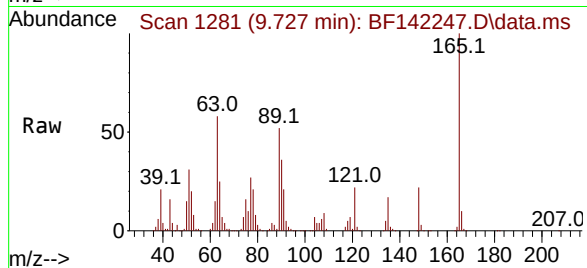
Tgt Ion:163 Resp: 1025498
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.376 ng
RT: 9.727 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

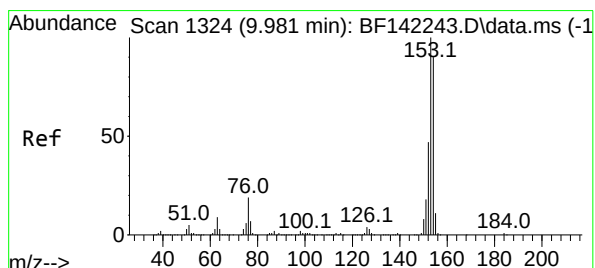
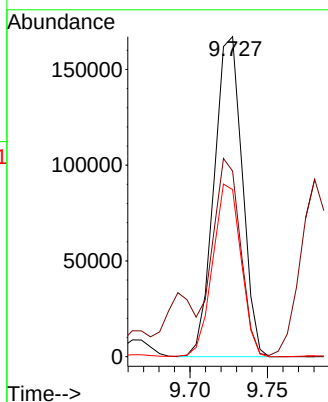
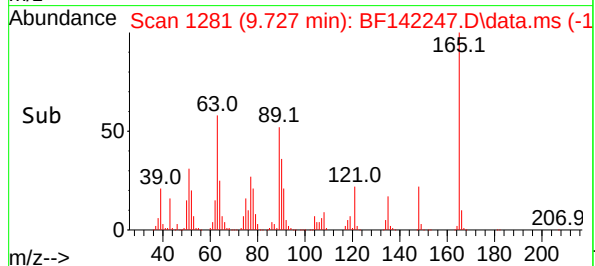
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:165 Resp: 21110
Ion Ratio Lower Upper
165 100
63 58.0 48.5 72.7
89 52.2 43.9 65.9

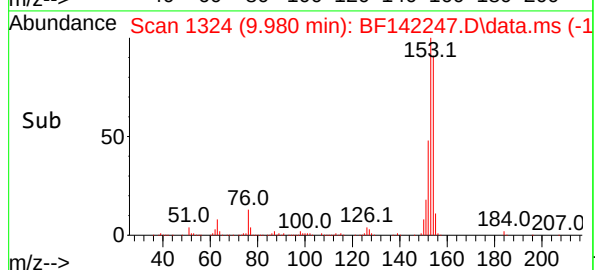
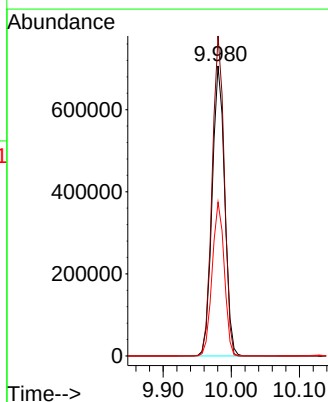
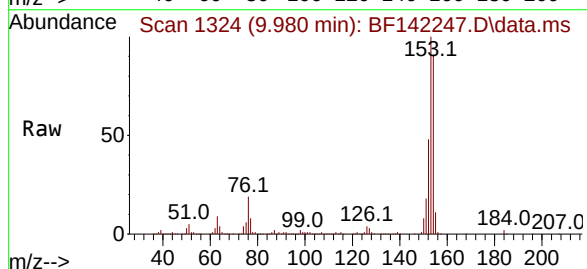
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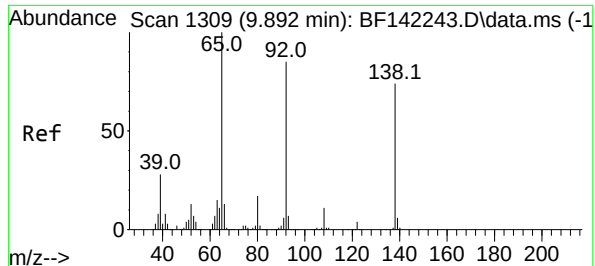
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#52
Acenaphthene
Concen: 41.631 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

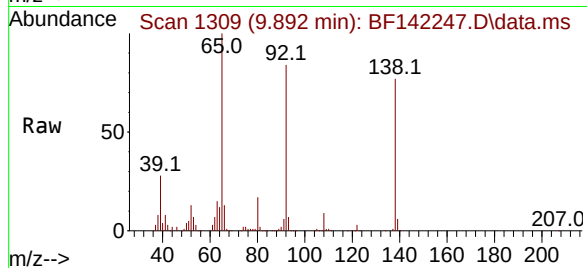
Tgt Ion:154 Resp: 904325
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 53.0 42.1 63.1





#53
3-Nitroaniline
Concen: 45.509 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

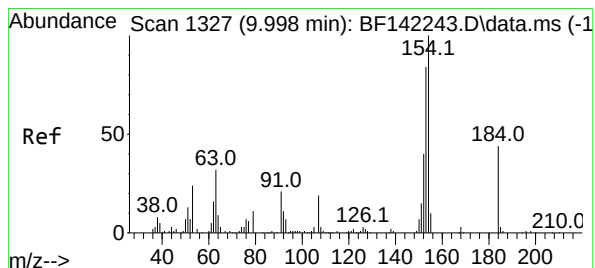
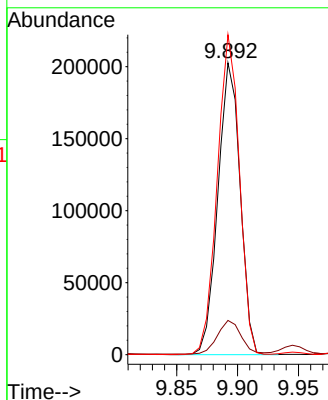
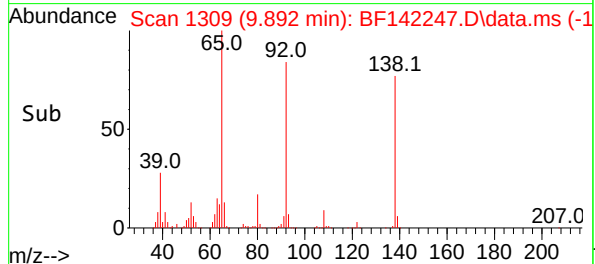
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:138 Resp: 257920
Ion Ratio Lower Upper
138 100
108 11.7 11.7 17.5
92 109.7 91.2 136.8

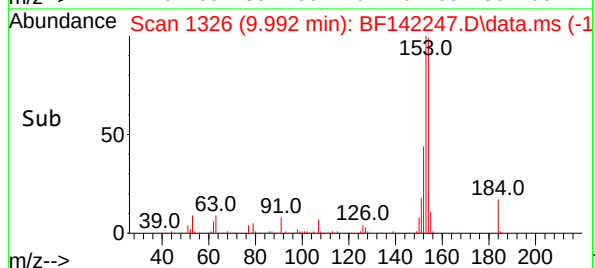
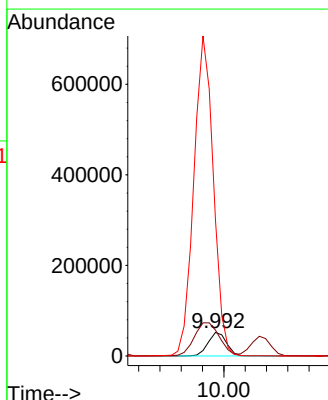
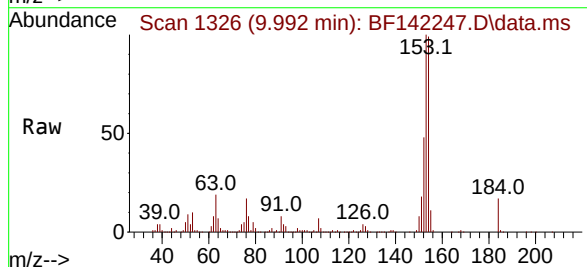
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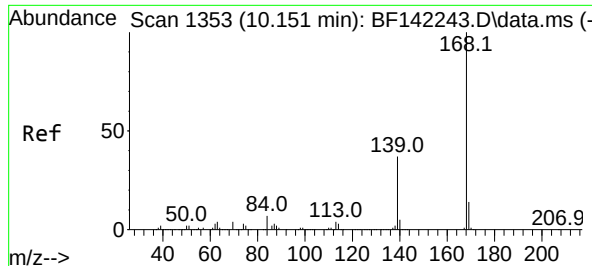
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#54
2,4-Dinitrophenol
Concen: 49.090 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:184 Resp: 62568
Ion Ratio Lower Upper
184 100
63 109.3 69.2 103.8#
154 577.6 271.4 407.2#





#55

Dibenzenofuran

Concen: 41.181 ng

RT: 10.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:168 Resp: 1340934

Ion Ratio Lower Upper

168 100

139 36.8 29.4 44.0

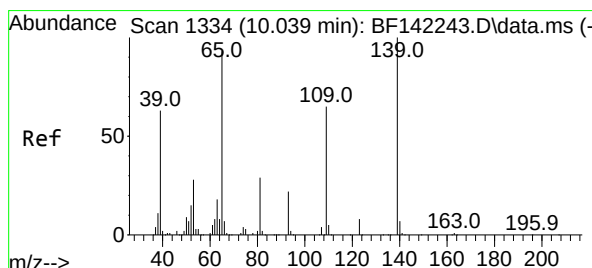
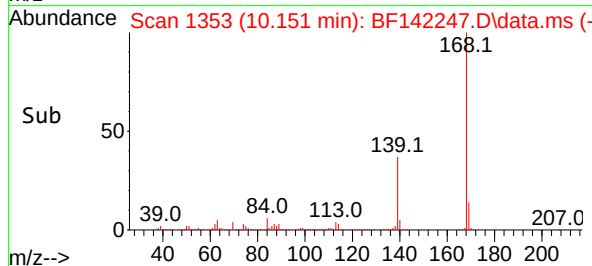
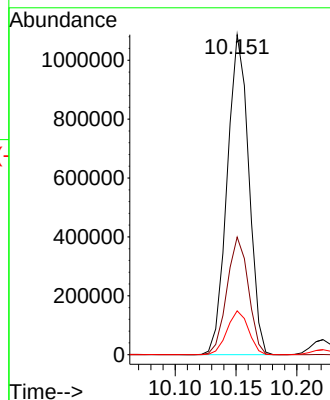
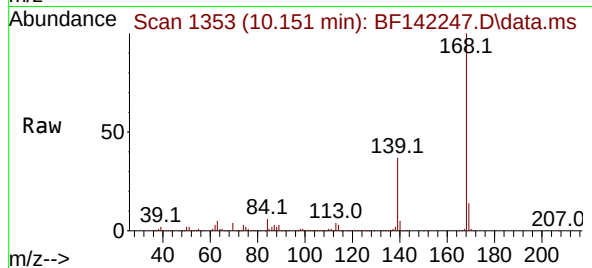
169 13.7 11.0 16.4

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#56

4-Nitrophenol

Concen: 49.952 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

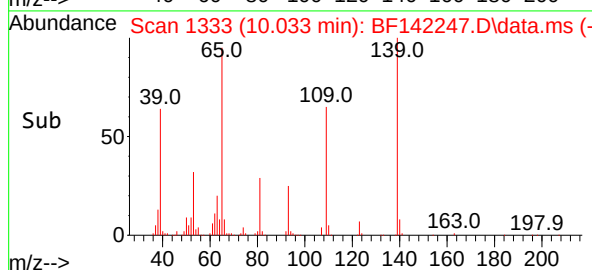
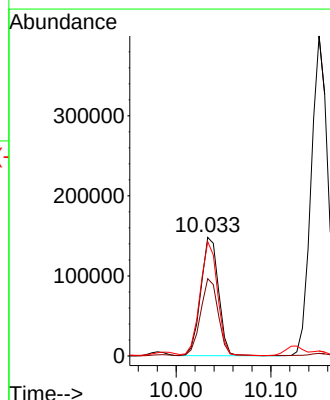
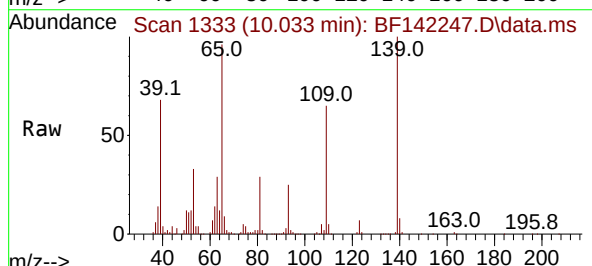
Tgt Ion:139 Resp: 191463

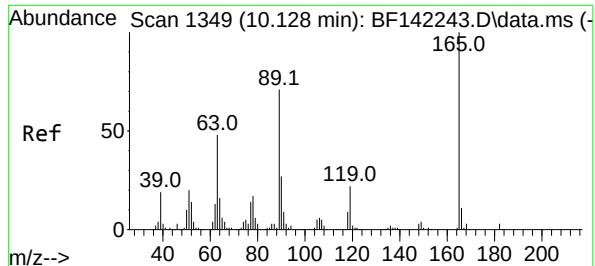
Ion Ratio Lower Upper

139 100

109 65.2 44.9 84.9

65 96.4 74.7 114.7





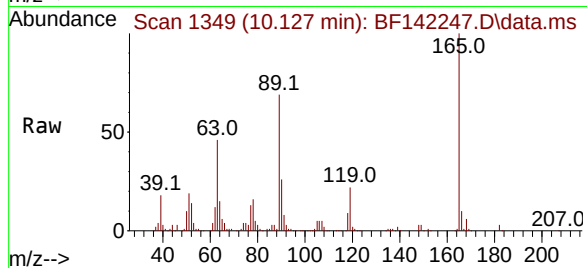
#57
2,4-Dinitrotoluene
Concen: 46.994 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

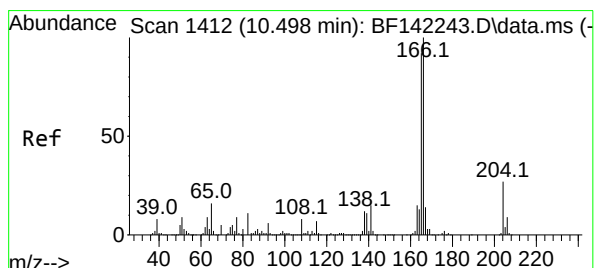
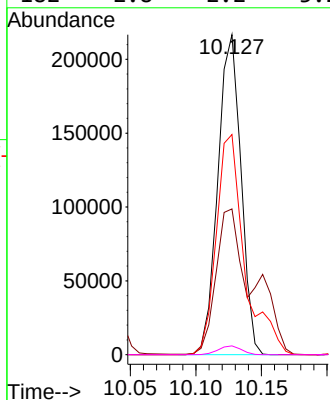
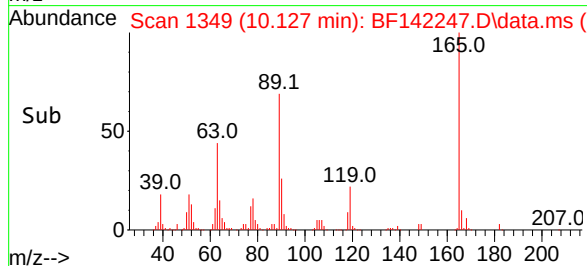


Tgt Ion:165 Resp: 26541
Ion Ratio Lower Upper
165 100
63 45.6 38.8 58.2
89 68.8 57.1 85.7
182 2.8 2.2 3.2

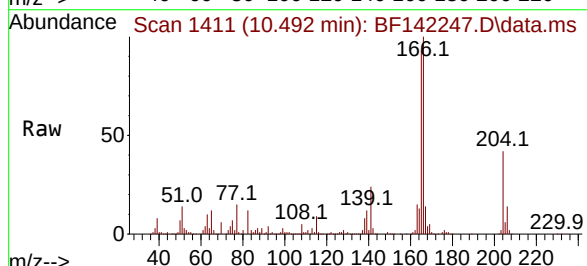
Manual Integrations

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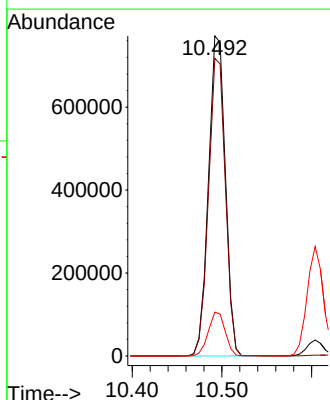
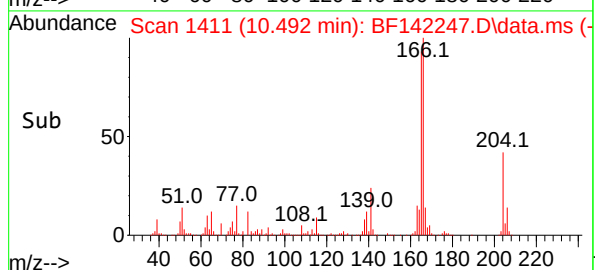
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

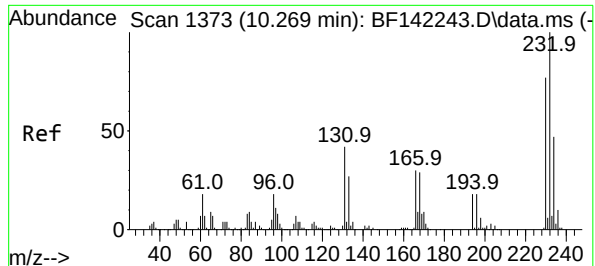


#58
Fluorene
Concen: 40.714 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



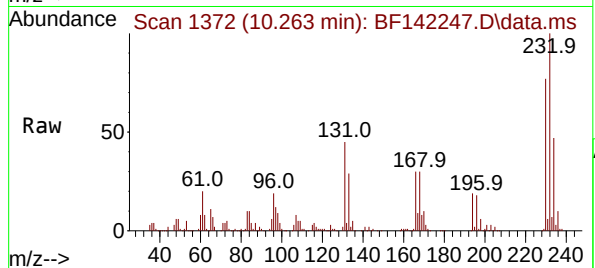
Tgt Ion:166 Resp: 1008032
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.724 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

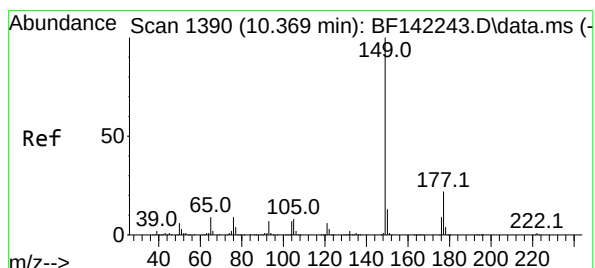
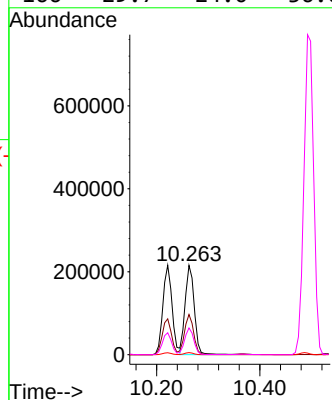
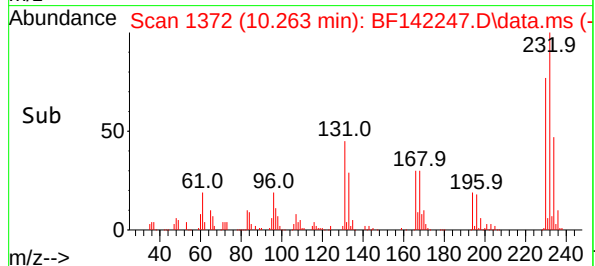
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:232 Resp: 264709
Ion Ratio Lower Upper
232 100
131 44.8 35.9 53.9
130 2.3 1.8 2.6
166 29.7 24.0 36.0

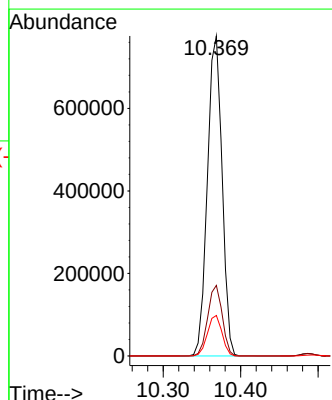
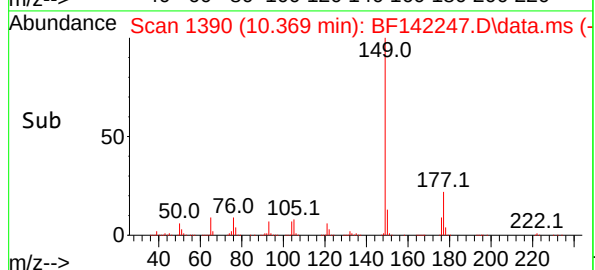
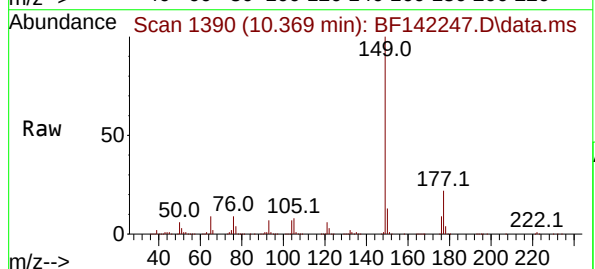
Manual Integrations
APPROVED

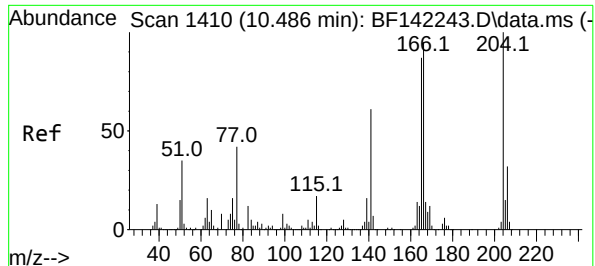
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#60
Diethylphthalate
Concen: 42.222 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

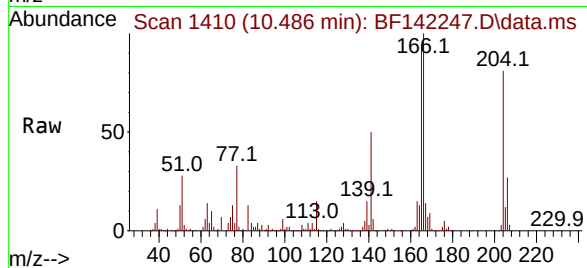
Tgt Ion:149 Resp: 1016722
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.626 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

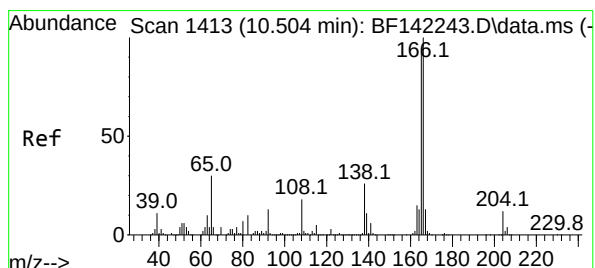
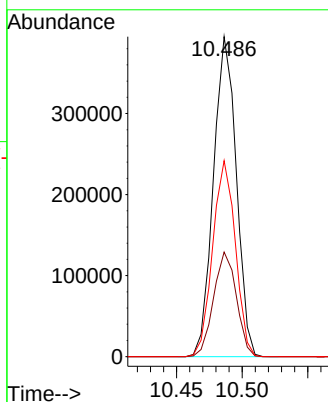
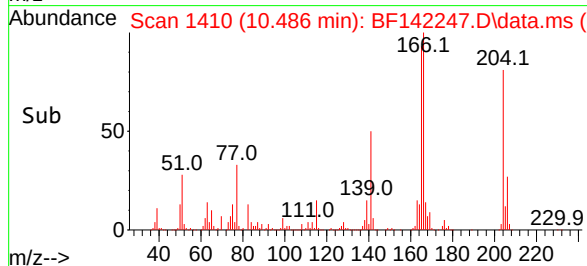
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



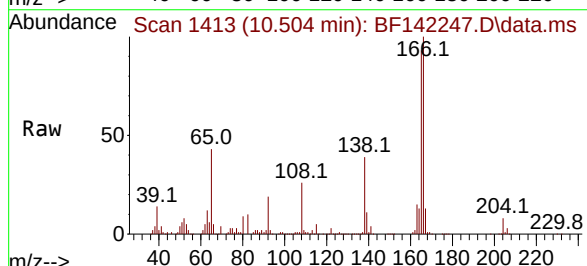
Tgt Ion:204 Resp: 477688
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 61.2 48.9 73.3

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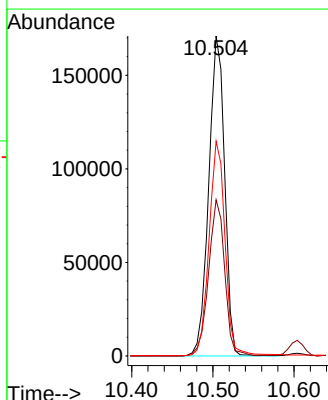
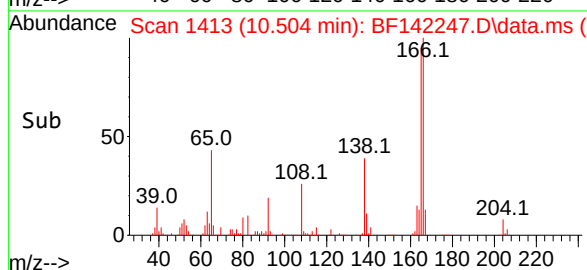
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

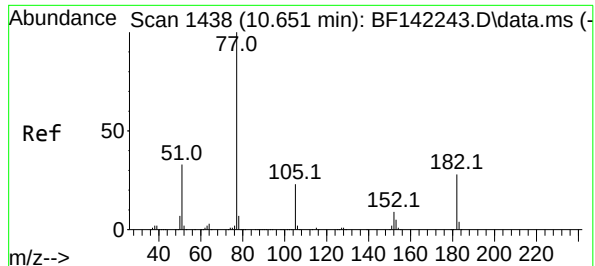


#62
4-Nitroaniline
Concen: 45.070 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



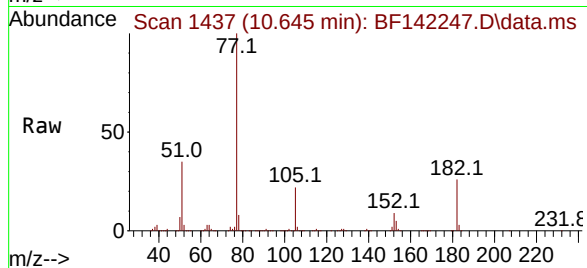
Tgt Ion:138 Resp: 232165
Ion Ratio Lower Upper
138 100
92 48.8 29.2 69.2
108 67.1 49.1 89.1





#63
Azobenzene
Concen: 41.400 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

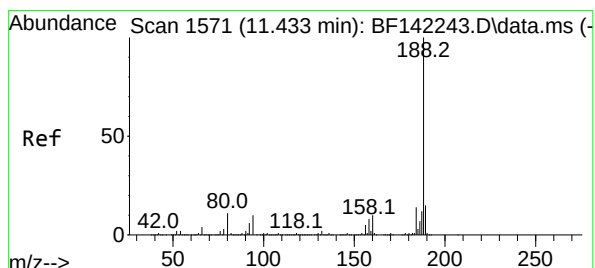
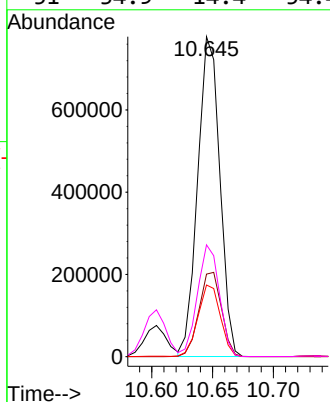
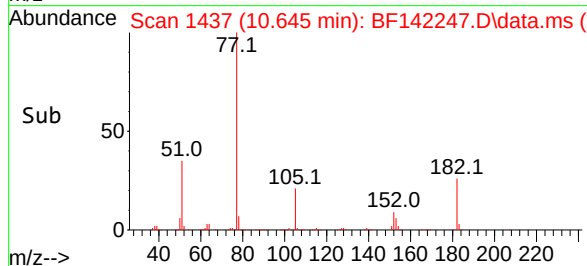
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion: 77 Resp: 98444
Ion Ratio Lower Upper
77 100
182 25.8 7.3 47.3
105 22.4 2.5 42.5
51 34.9 14.4 54.4

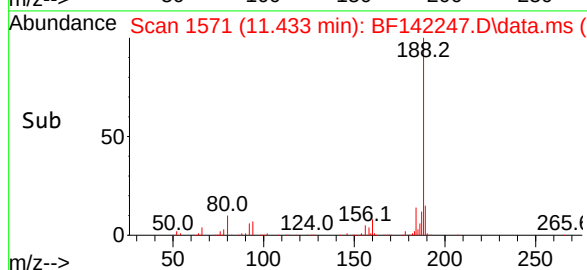
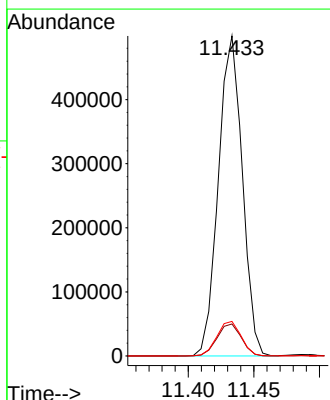
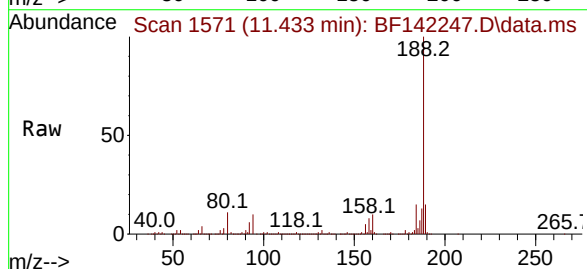
Manual Integrations
APPROVED

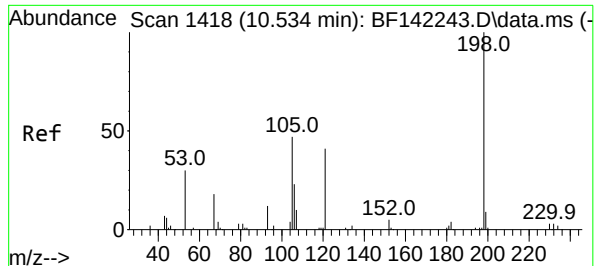
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:188 Resp: 633040
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.8 8.6 12.8





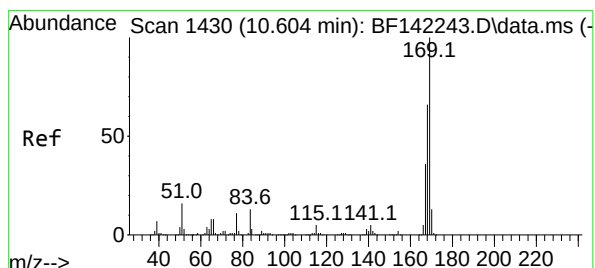
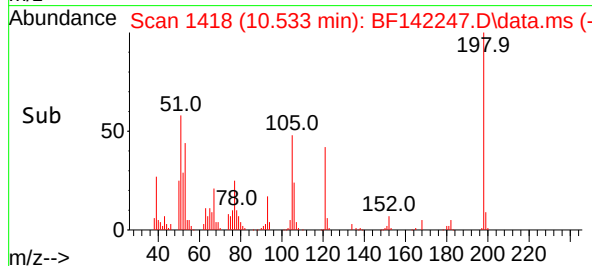
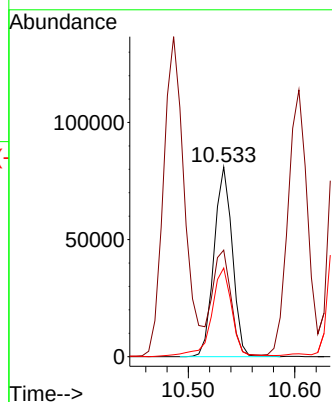
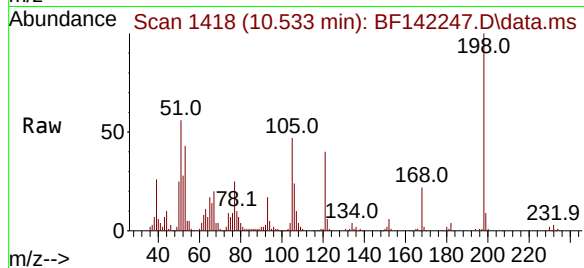
#65
4,6-Dinitro-2-methylphenol
Concen: 46.598 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Tgt Ion:198 Resp: 9634
Ion Ratio Lower Upper
198 100
51 56.1 40.6 80.6
105 46.7 29.2 69.2

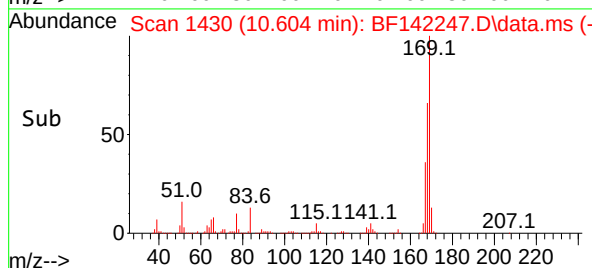
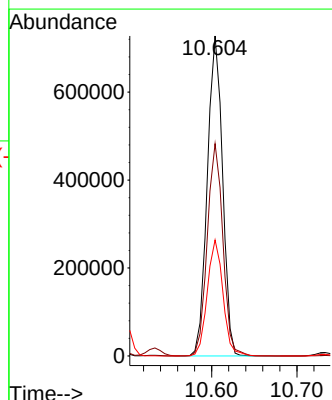
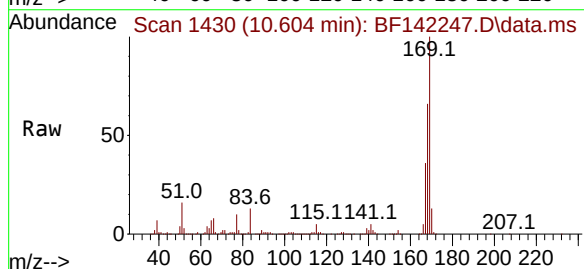
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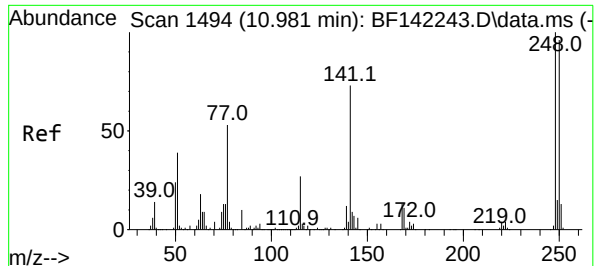
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#66
n-Nitrosodiphenylamine
Concen: 41.816 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

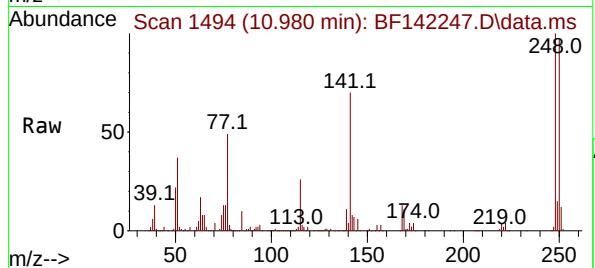
Tgt Ion:169 Resp: 904466
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.497 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

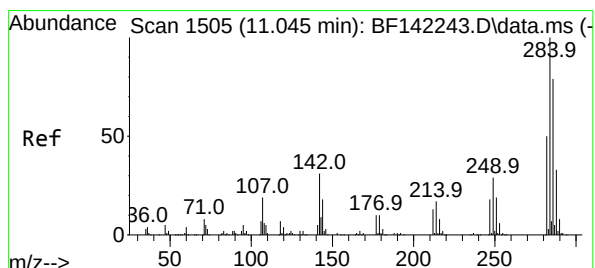
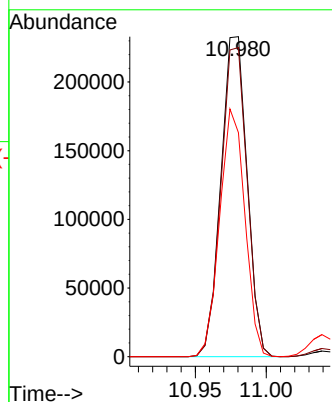
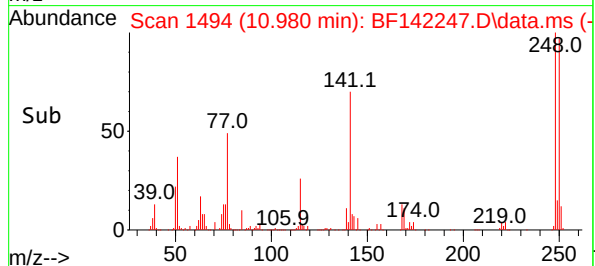
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



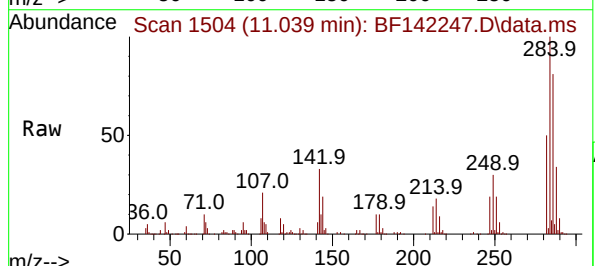
Tgt Ion:248 Resp: 299608
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 70.0 58.4 87.6

Manual Integrations
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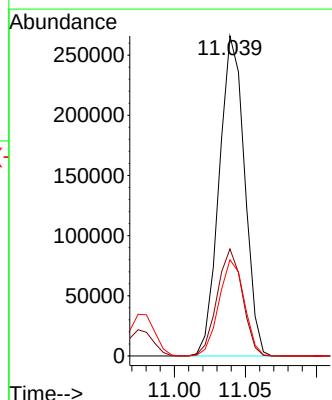
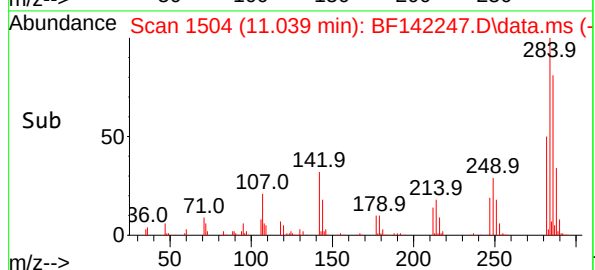
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

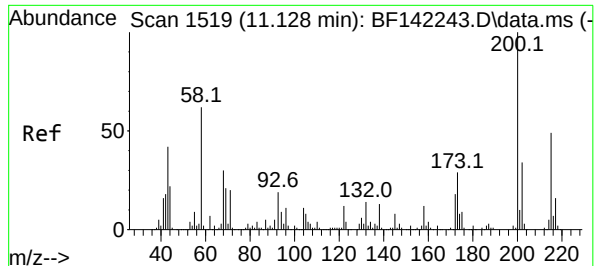


#68
Hexachlorobenzene
Concen: 41.800 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



Tgt Ion:284 Resp: 330048
Ion Ratio Lower Upper
284 100
142 33.5 24.6 37.0
249 30.1 23.2 34.8





#69

Atrazine

Concen: 44.732 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:200 Resp: 255030

Ion Ratio Lower Upper

200 100

173 27.9 8.6 48.6

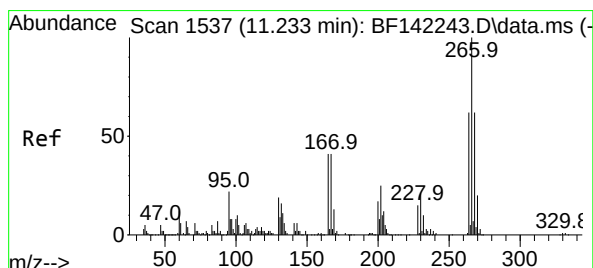
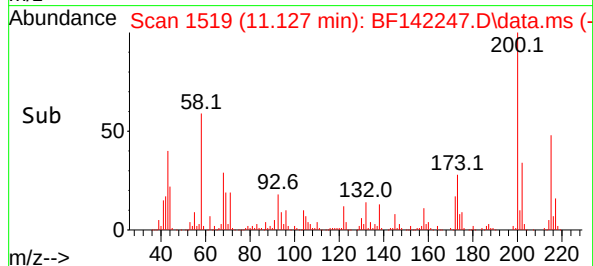
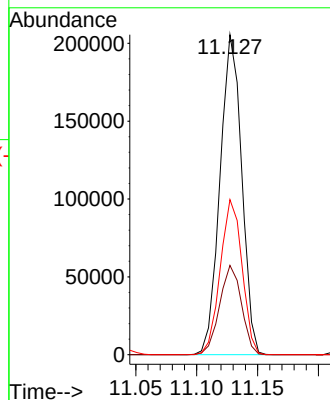
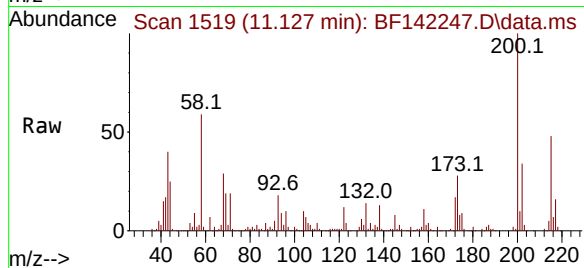
215 48.4 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#70

Pentachlorophenol

Concen: 47.342 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

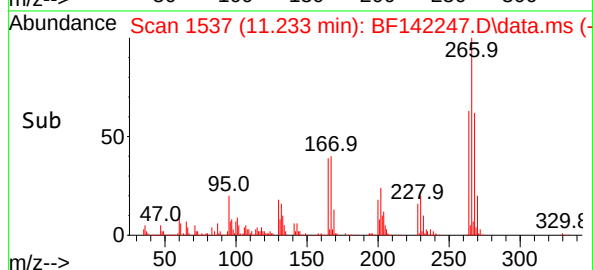
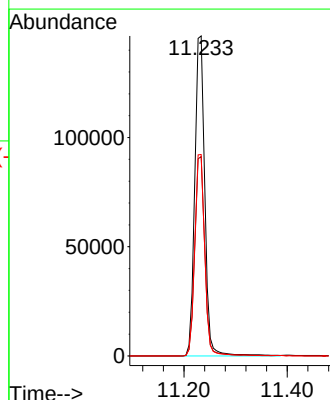
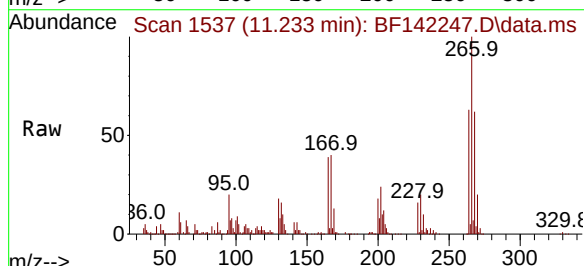
Tgt Ion:266 Resp: 197476

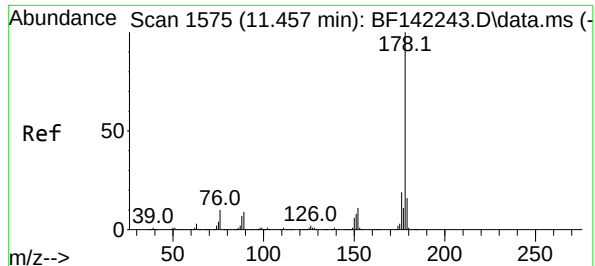
Ion Ratio Lower Upper

266 100

268 62.3 50.0 75.0

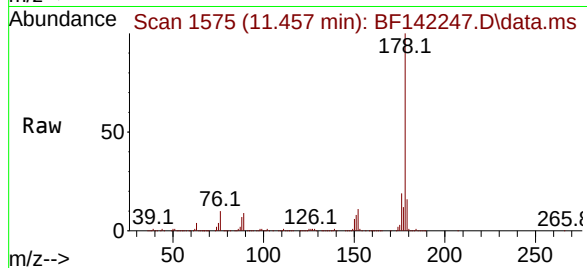
264 62.9 49.3 73.9





#71
Phenanthrene
Concen: 40.955 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

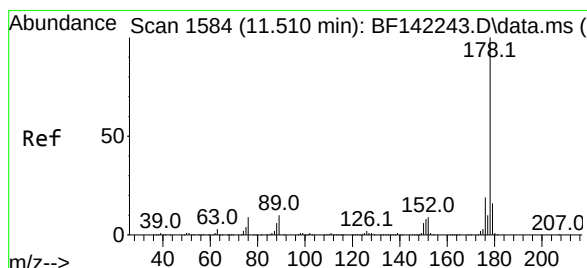
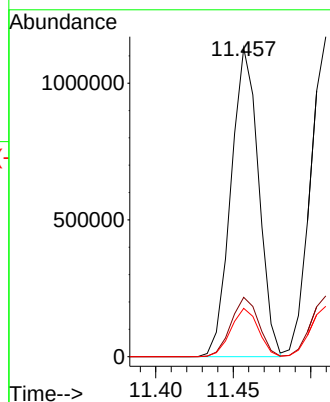
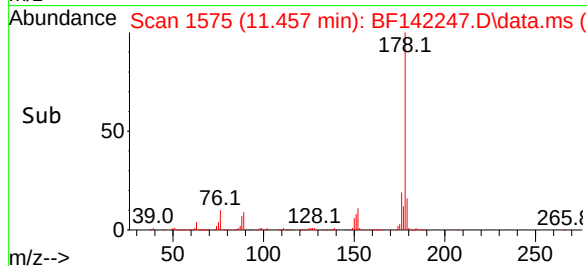
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



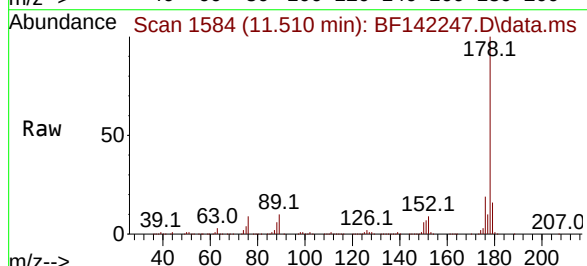
Tgt Ion:178 Resp: 1400439
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.6 19.0

Manual Integrations
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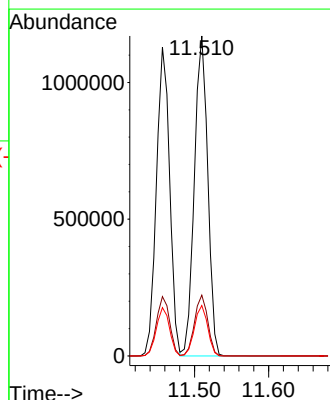
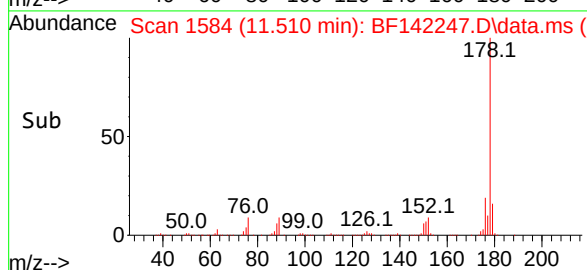
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

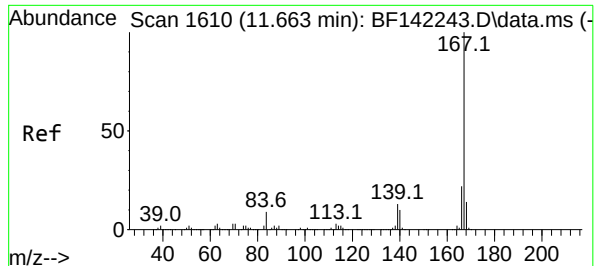


#72
Anthracene
Concen: 41.854 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



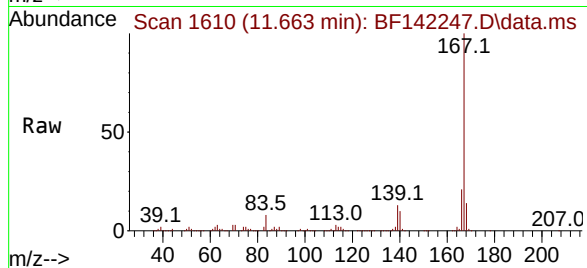
Tgt Ion:178 Resp: 1463247
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.7 19.1





#73
Carbazole
Concen: 41.793 ng
RT: 11.663 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

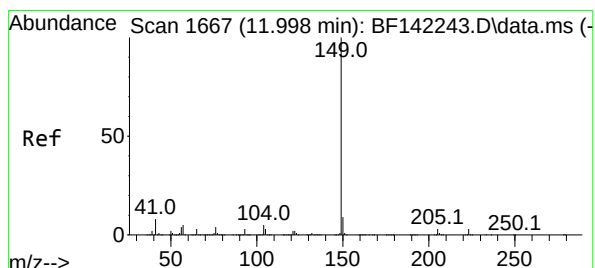
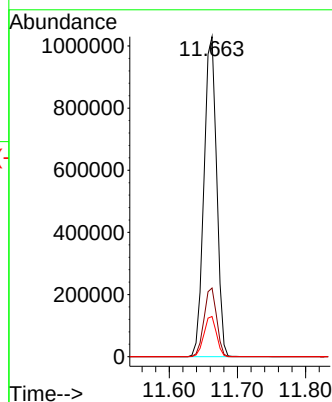
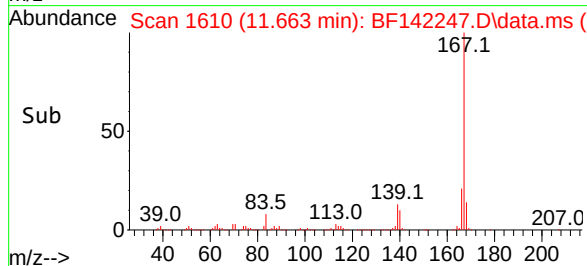
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



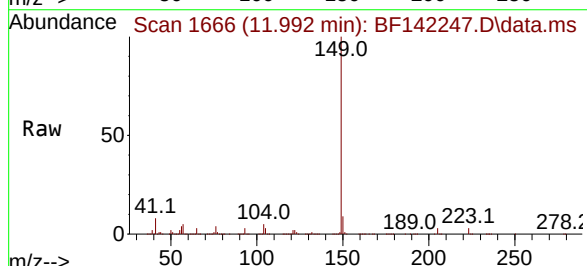
Tgt Ion:167 Resp: 1332850
Ion Ratio Lower Upper
167 100
166 21.4 17.3 25.9
139 12.5 10.3 15.5

Manual Integrations
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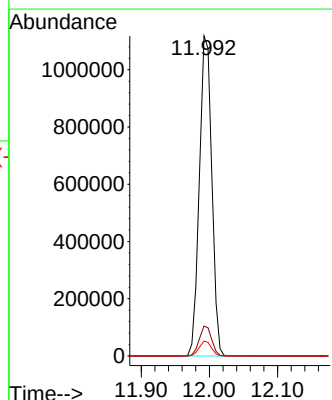
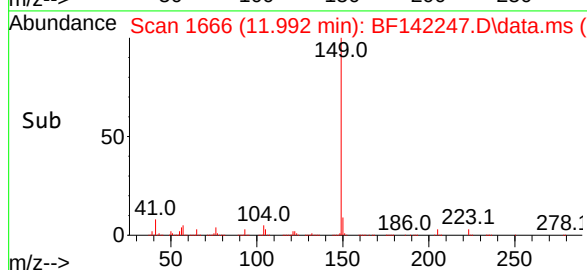
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

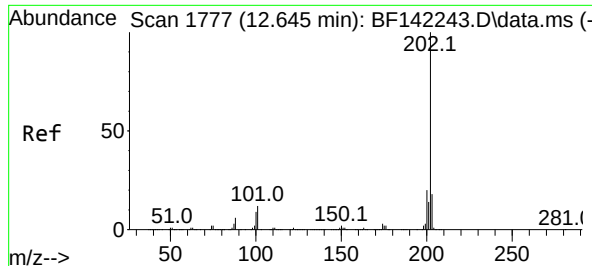


#74
Di-n-butylphthalate
Concen: 44.051 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17



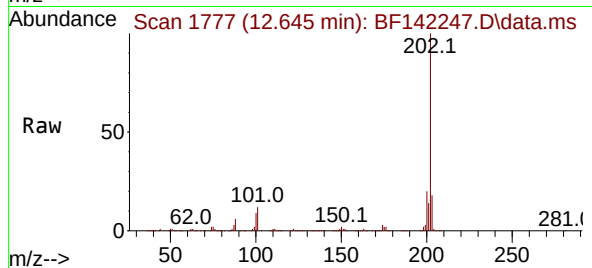
Tgt Ion:149 Resp: 1412919
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 41.690 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

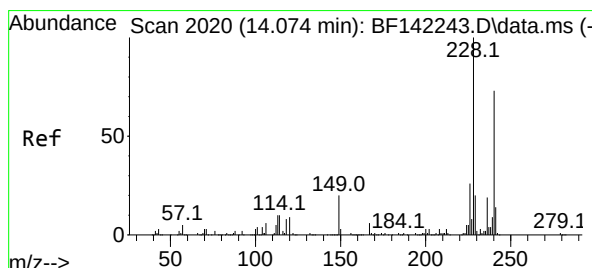
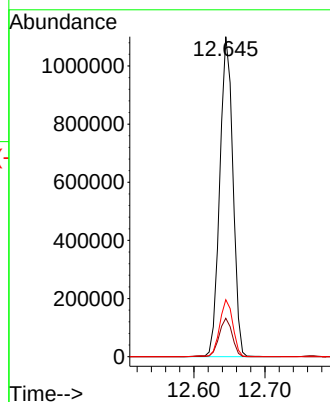
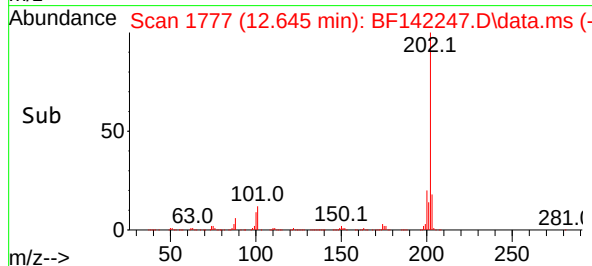
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:202 Resp: 1409189
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.4
203 17.8 0.0 37.5

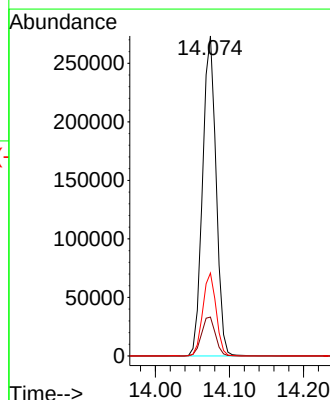
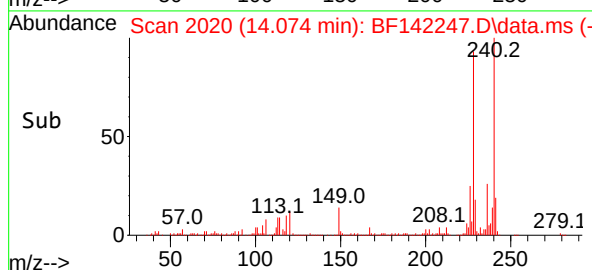
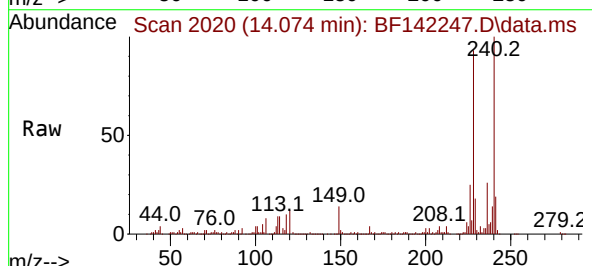
Manual Integrations
APPROVED

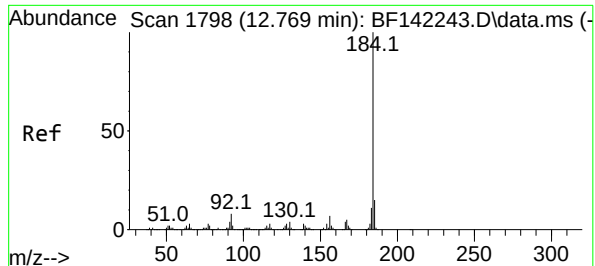
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

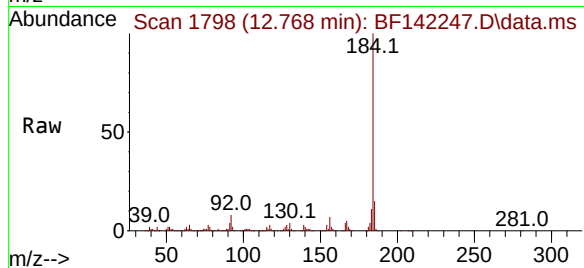
Tgt Ion:240 Resp: 345729
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 25.9 20.5 30.7





#77
Benzidine
Concen: 46.435 ng
RT: 12.768 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

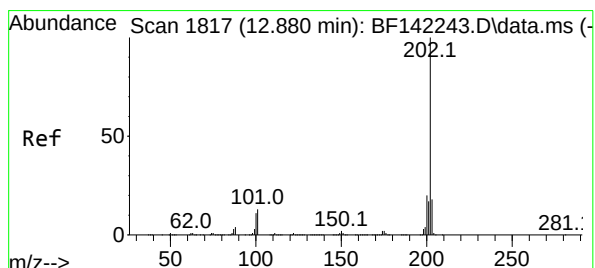
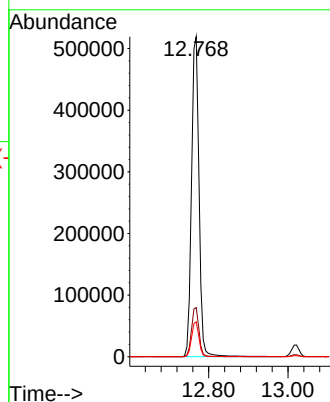
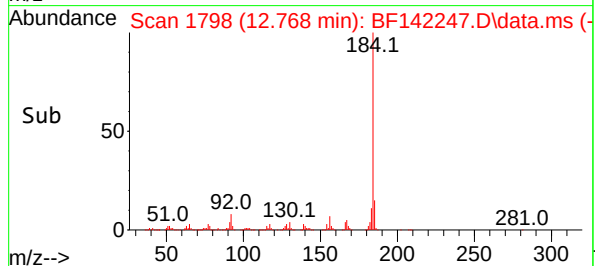
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:184 Resp: 68215
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.6
183 10.9 8.9 13.3

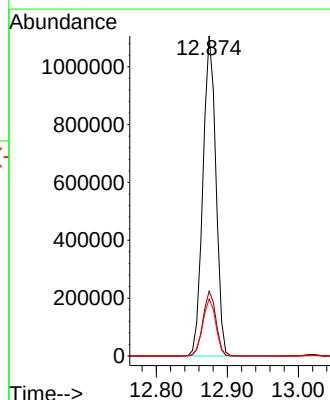
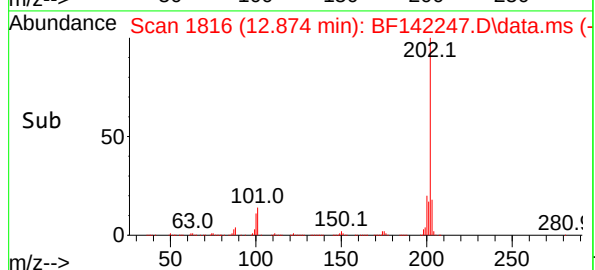
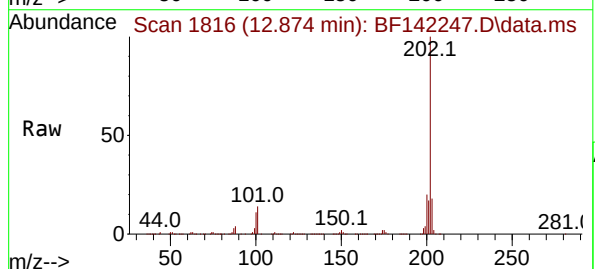
Manual Integrations
APPROVED

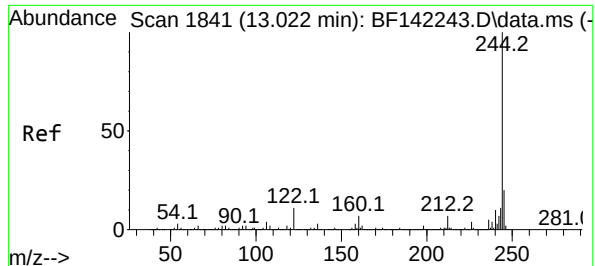
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#78
Pyrene
Concen: 44.082 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:202 Resp: 1405875
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 85.716 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142247.D

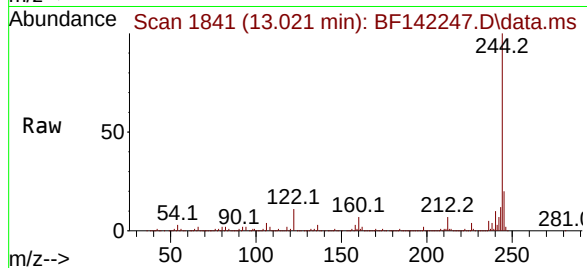
Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025



Tgt Ion:244 Resp: 203756

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

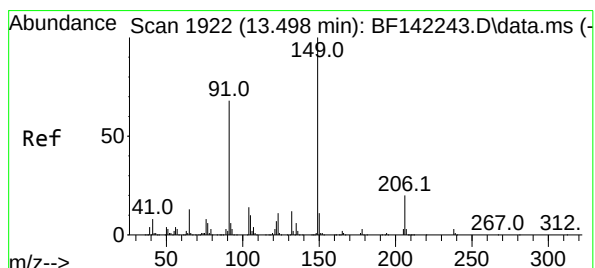
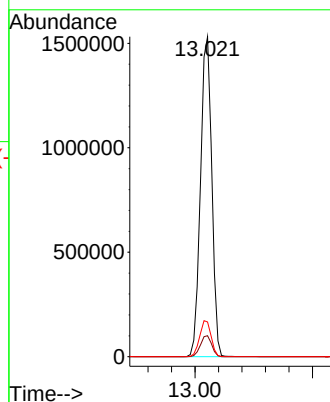
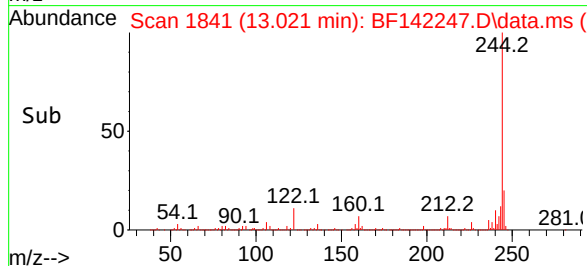
122 10.9 9.1 13.7

Manual Integrations

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Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#80

Butylbenzylphthalate

Concen: 42.984 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

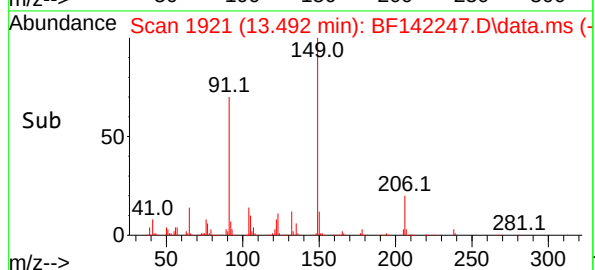
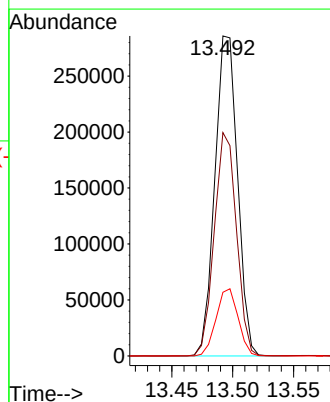
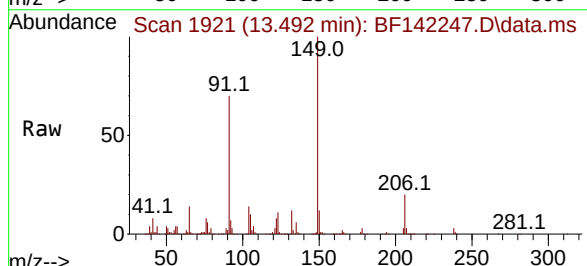
Tgt Ion:149 Resp: 371146

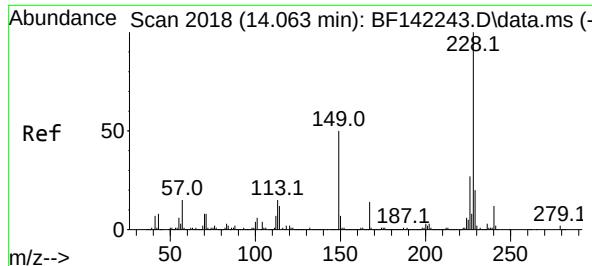
Ion Ratio Lower Upper

149 100

91 69.8 54.4 81.6

206 19.9 15.9 23.9





#81

Benzo(a)anthracene

Concen: 41.383 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:228 Resp: 960484

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

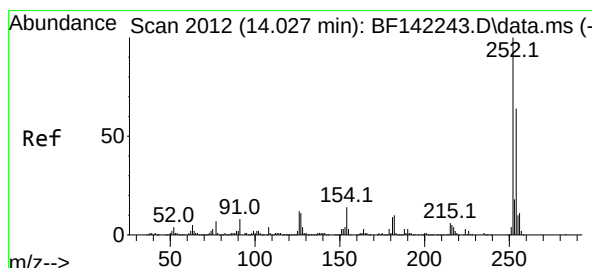
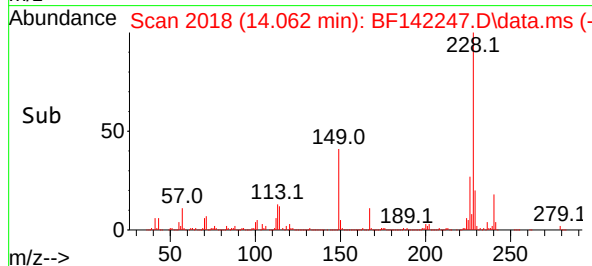
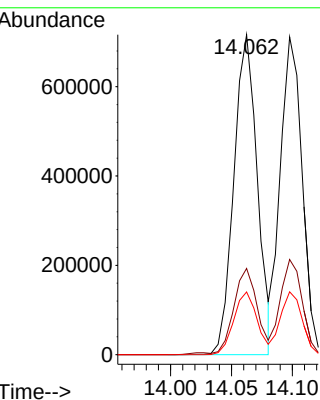
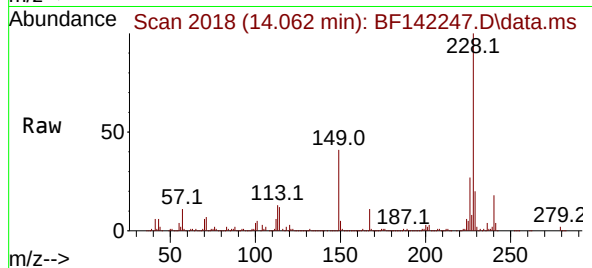
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#82

3,3'-Dichlorobenzidine

Concen: 45.495 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

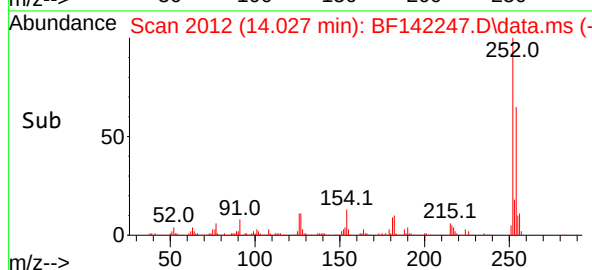
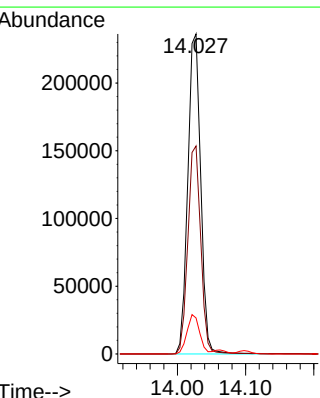
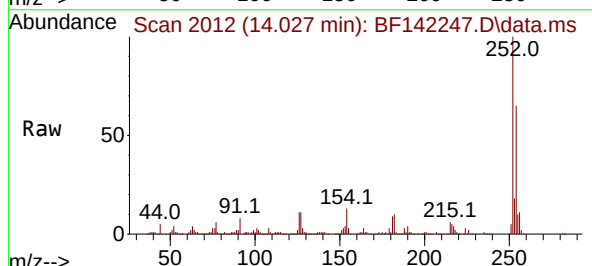
Tgt Ion:252 Resp: 310153

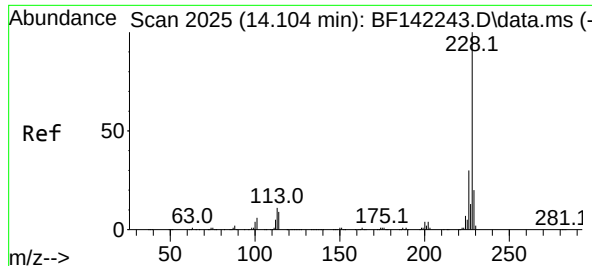
Ion Ratio Lower Upper

252 100

254 65.0 51.0 76.6

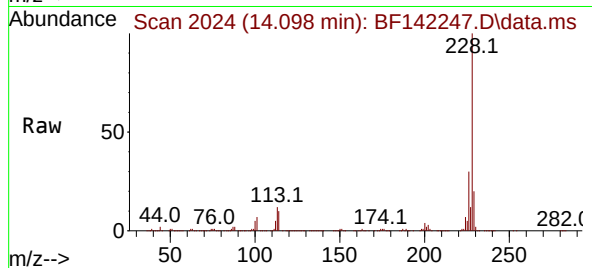
126 11.3 9.4 14.2





#83
Chrysene
Concen: 42.158 ng
RT: 14.098 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

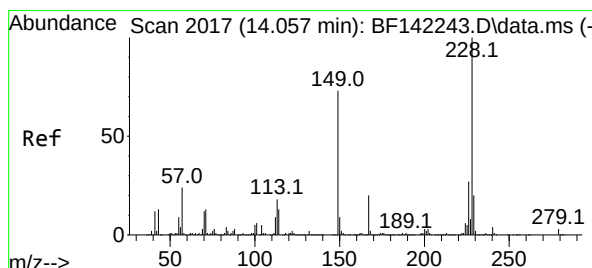
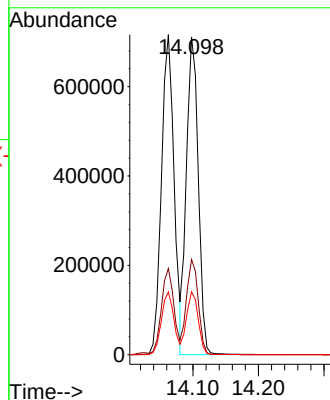
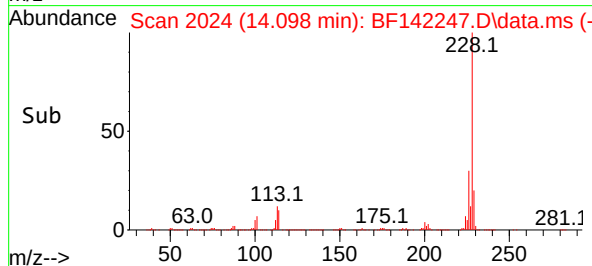
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:228 Resp: 89067
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.8 15.7 23.5

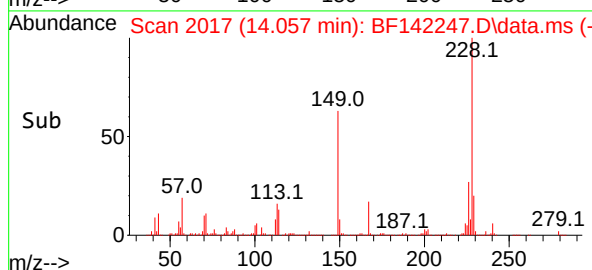
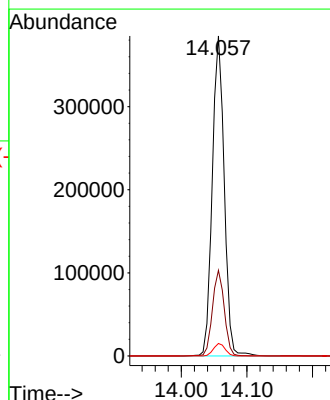
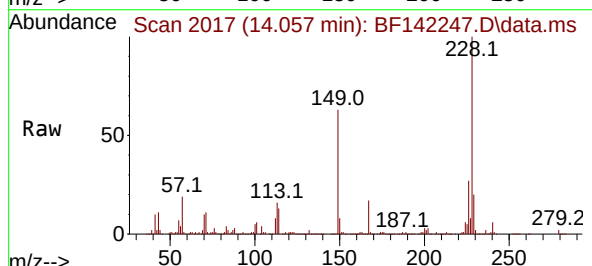
Manual Integrations
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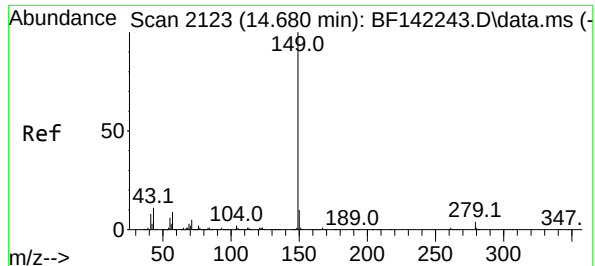
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.882 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

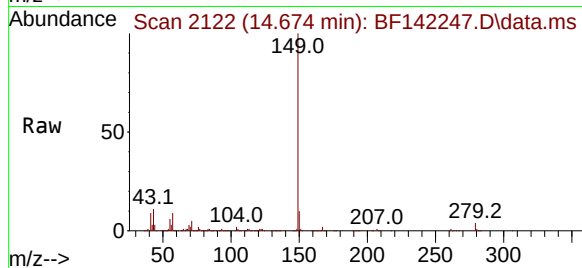
Tgt Ion:149 Resp: 487122
Ion Ratio Lower Upper
149 100
167 26.8 21.7 32.5
279 3.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 41.178 ng
RT: 14.674 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

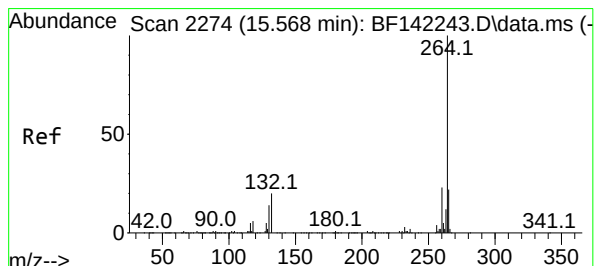
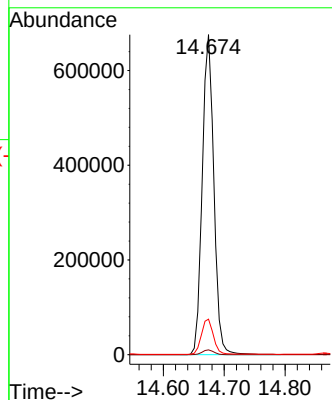
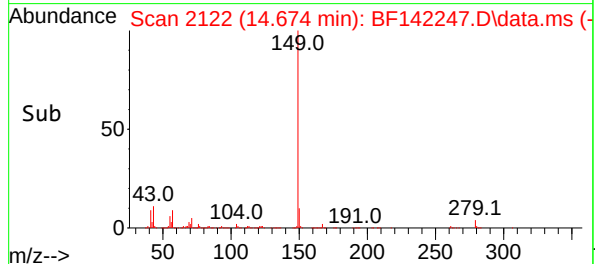
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:149 Resp: 889844
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 9.3 13.9

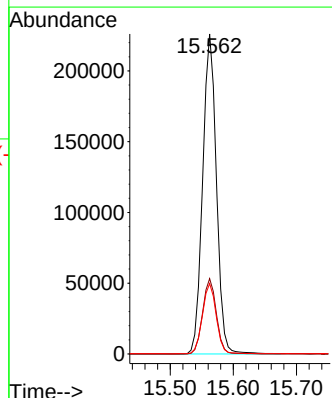
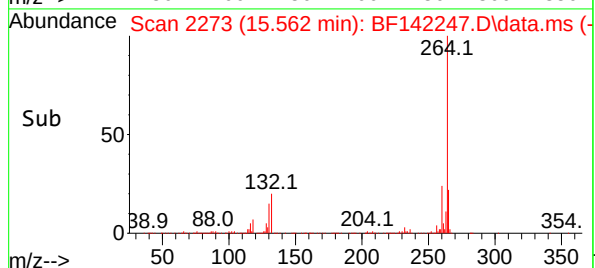
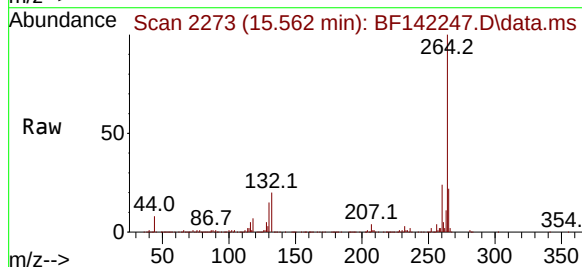
Manual Integrations
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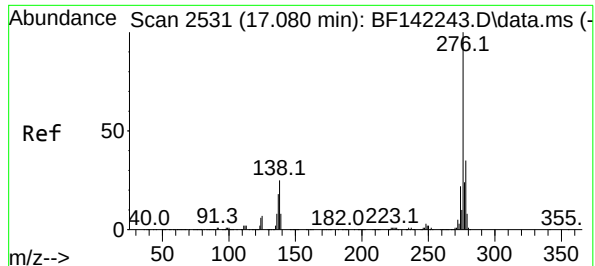
Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:264 Resp: 342826
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.757 ng

RT: 17.074 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:276 Resp: 1098774

Ion Ratio Lower Upper

276 100

138 28.7 22.6 33.8

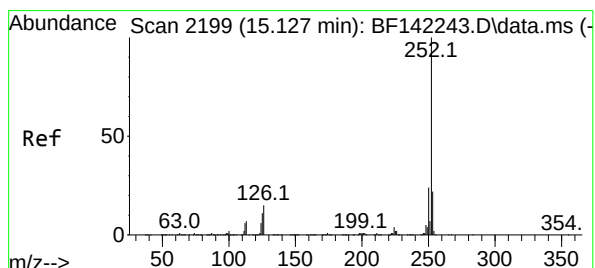
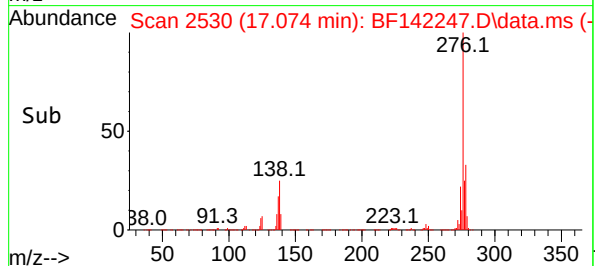
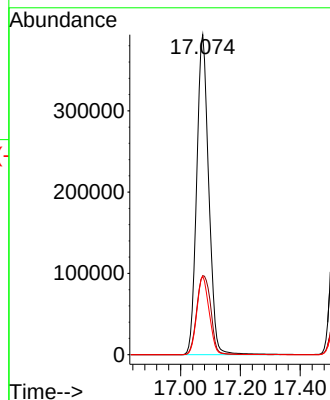
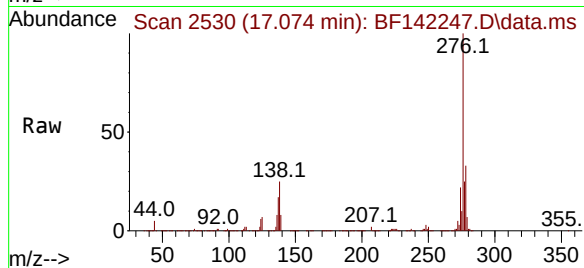
277 25.1 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#88

Benzo(b)fluoranthene

Concen: 40.403 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

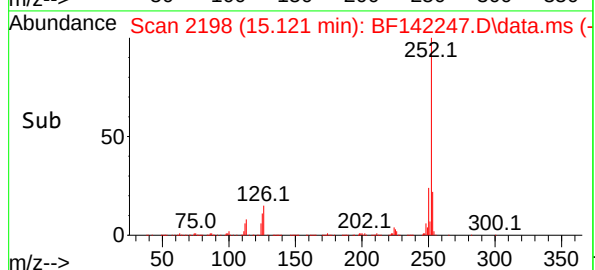
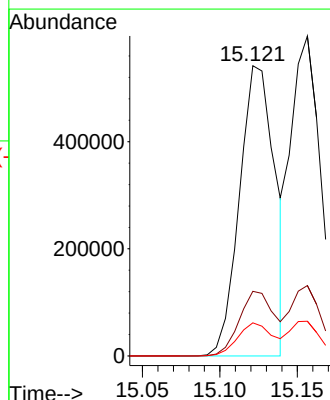
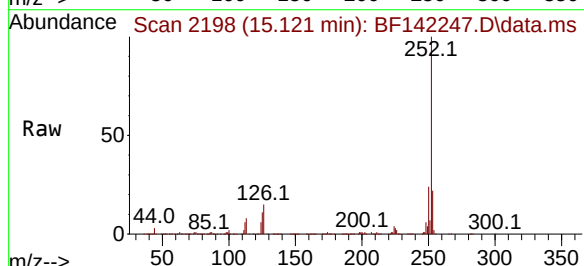
Tgt Ion:252 Resp: 860370

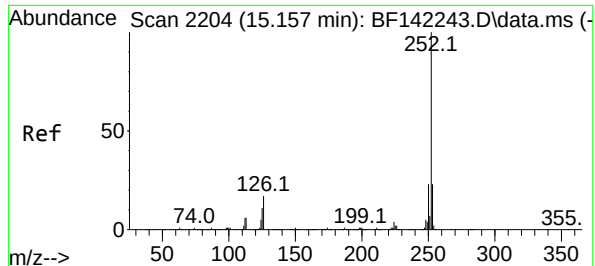
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.4 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 41.665 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ICVBF043025

Tgt Ion:252 Resp: 811540

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

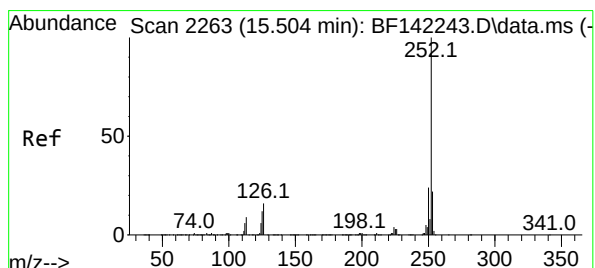
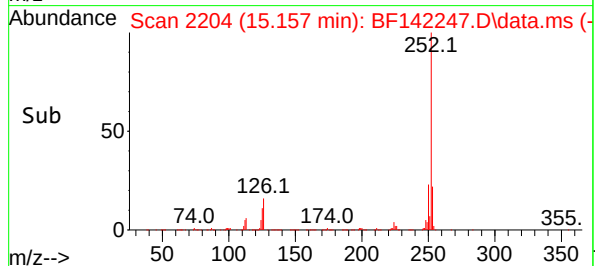
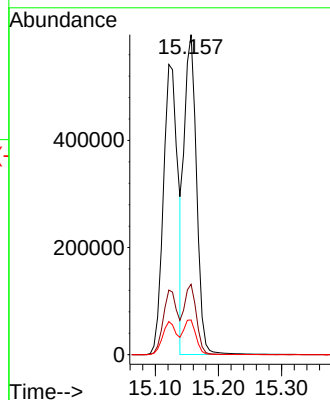
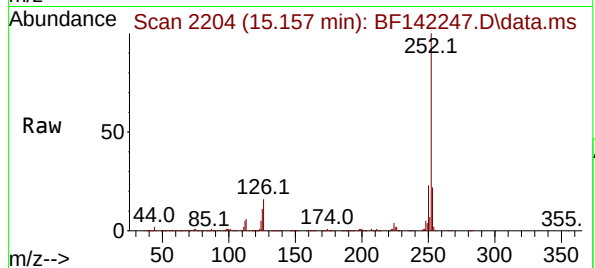
125 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/01/2025

Supervised By :Jagrut Upadhyay 05/01/2025



#90

Benzo(a)pyrene

Concen: 42.380 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142247.D

Acq: 30 Apr 2025 16:17

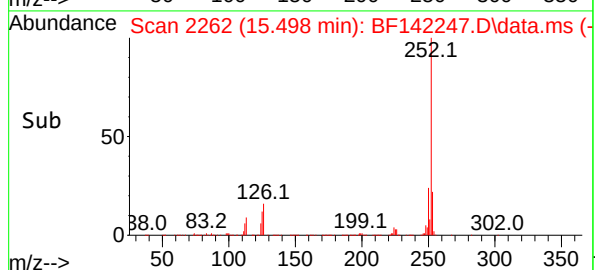
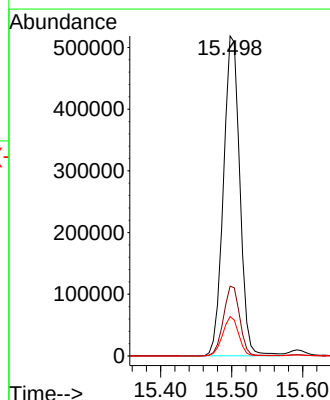
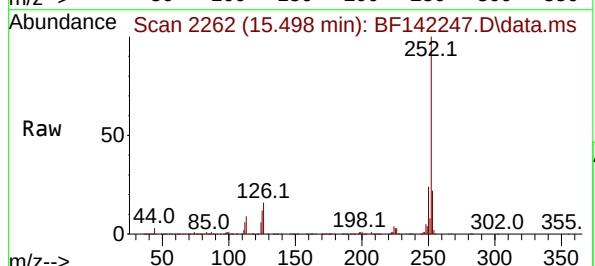
Tgt Ion:252 Resp: 826250

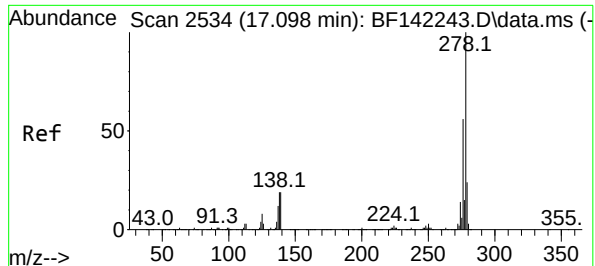
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

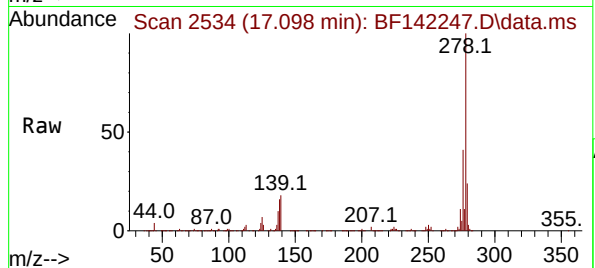
125 12.3 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 43.565 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

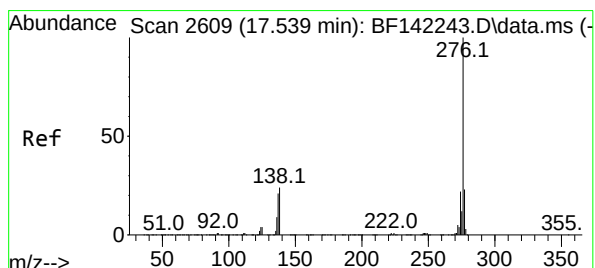
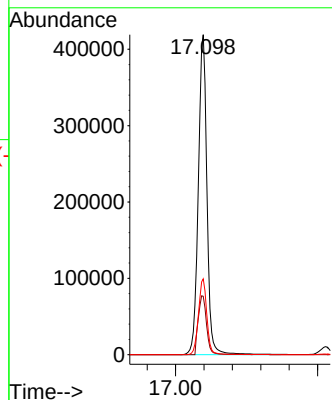
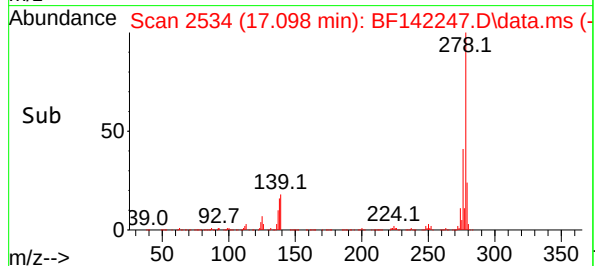
Instrument :
BNA_F
ClientSampleId :
ICVBF043025



Tgt Ion:278 Resp: 88785
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.7 19.0 28.6

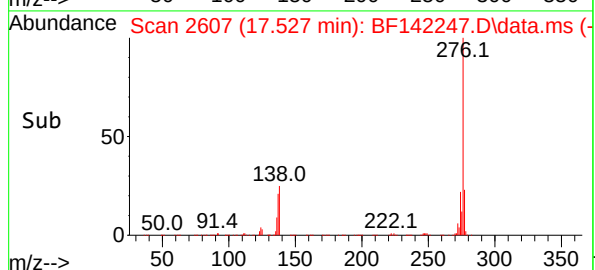
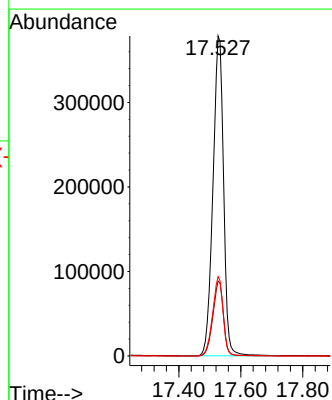
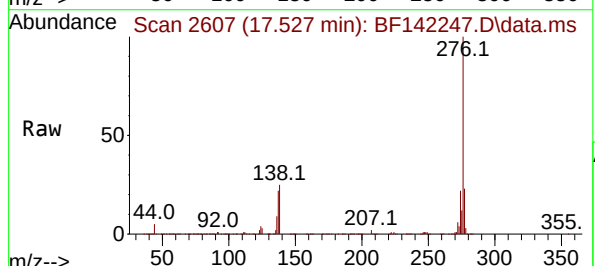
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025



#92
Benzo(g,h,i)perylene
Concen: 43.902 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.012 min
Lab File: BF142247.D
Acq: 30 Apr 2025 16:17

Tgt Ion:276 Resp: 899474
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 24.8 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	103	0.00
2	1,4-Dioxane	0.559	0.593	-6.1	103	0.00
3	Pyridine	1.454	1.543	-6.1	104	0.00
4	n-Nitrosodimethylamine	0.752	0.808	-7.4	103	0.00
5 S	2-Fluorophenol	1.252	1.332	-6.4	104	0.00
6	Aniline	2.140	2.280	-6.5	105	0.00
7 S	Phenol-d6	1.512	1.621	-7.2	105	0.00
8	2-Chlorophenol	1.294	1.430	-10.5	107	0.00
9	Benzaldehyde	1.057	1.134	-7.3	105	0.00
10 C	Phenol	1.628	1.741	-6.9	105	0.00
11	bis(2-Chloroethyl)ether	1.262	1.335	-5.8	104	0.00
12	1,3-Dichlorobenzene	1.464	1.530	-4.5	103	0.00
13 C	1,4-Dichlorobenzene	1.475	1.546	-4.8	103	0.00
14	1,2-Dichlorobenzene	1.408	1.487	-5.6	104	0.00
15	Benzyl Alcohol	1.073	1.163	-8.4	104	0.00
16	2,2'-oxybis(1-Chloropropane	2.278	2.431	-6.7	105	0.00
17	2-Methylphenol	1.060	1.121	-5.8	103	0.00
18	Hexachloroethane	0.483	0.534	-10.6	108	0.00
19 P	n-Nitroso-di-n-propylamine	0.934	0.981	-5.0	104	0.00
20	3+4-Methylphenols	1.326	1.456	-9.8	107	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
22	Acetophenone	0.463	0.479	-3.5	105	0.00
23 S	Nitrobenzene-d5	0.304	0.376	-23.7	114	0.00
24	Nitrobenzene	0.299	0.354	-18.4	111	0.00
25	Isophorone	0.639	0.667	-4.4	104	0.00
26 C	2-Nitrophenol	0.102	0.152	-49.0#	135	0.00
27	2,4-Dimethylphenol	0.322	0.346	-7.5	106	0.00
28	bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	104	0.00
29 C	2,4-Dichlorophenol	0.269	0.296	-10.0	105	0.00
30	1,2,4-Trichlorobenzene	0.301	0.313	-4.0	103	0.00
31	Naphthalene	0.997	1.022	-2.5	103	0.00
32	Benzoic acid	0.125	0.170	-36.0#	134	0.00
33	4-Chloroaniline	0.415	0.429	-3.4	103	0.00
34 C	Hexachlorobutadiene	0.175	0.185	-5.7	103	0.00
35	Caprolactam	0.081	0.090	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.277	0.301	-8.7	105	0.00
37	2-Methylnaphthalene	0.613	0.631	-2.9	104	0.00
38	1-Methylnaphthalene	0.635	0.655	-3.1	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.563	0.582	-3.4	104	0.00
41 P	Hexachlorocyclopentadiene	0.319	0.378	-18.5	110	0.00
42 S	2,4,6-Tribromophenol	0.182	0.212	-16.5	107	0.00
43 C	2,4,6-Trichlorophenol	0.349	0.399	-14.3	111	0.00
44	2,4,5-Trichlorophenol	0.367	0.410	-11.7	104	0.00
45 S	2-Fluorobiphenyl	1.418	1.415	0.2	103	0.00
46	1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47	2-Chloronaphthalene	1.157	1.186	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	0.249	0.354	-42.2#	123	0.00
49	Acenaphthylene	1.952	2.011	-3.0	103	0.00
50	Dimethylphthalate	1.280	1.345	-5.1	105	0.00
51	2,6-Dinitrotoluene	0.204	0.277	-35.8#	118	0.00
52 C	Acenaphthene	1.140	1.186	-4.0	104	0.00
53	3-Nitroaniline	0.257	0.338	-31.5#	117	0.00
54 P	2,4-Dinitrophenol	0.058	0.082	-41.4#	148	0.00
55	Dibenzofuran	1.709	1.759	-2.9	104	0.00
56 P	4-Nitrophenol	0.201	0.251	-24.9	120	0.00
57	2,4-Dinitrotoluene	0.239	0.348	-45.6#	126	0.00
58	Fluorene	1.299	1.322	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.304	0.347	-14.1	107	0.00
60	Diethylphthalate	1.263	1.334	-5.6	104	0.00
61	4-Chlorophenyl-phenylether	0.617	0.627	-1.6	102	0.00
62	4-Nitroaniline	0.238	0.305	-28.2#	115	0.00
63	Azobenzene	1.248	1.291	-3.4	104	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.076	-40.7#	142	0.00
66 c	n-Nitrosodiphenylamine	0.683	0.714	-4.5	103	0.00
67	4-Bromophenyl-phenylether	0.223	0.237	-6.3	103	0.00
68	Hexachlorobenzene	0.249	0.261	-4.8	103	0.00
69	Atrazine	0.180	0.201	-11.7	109	0.00
70 C	Pentachlorophenol	0.132	0.156	-18.2	111	0.00
71	Phenanthrene	1.080	1.106	-2.4	102	0.00
72	Anthracene	1.105	1.156	-4.6	105	0.00
73	Carbazole	1.008	1.053	-4.5	105	0.00
74	Di-n-butylphthalate	1.013	1.116	-10.2	107	0.00
75 C	Fluoranthene	1.068	1.113	-4.2	105	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzidine	0.850	0.987	-16.1	107	0.00
78	Pyrene	1.845	2.033	-10.2	105	0.00
79 S	Terphenyl-d14	1.375	1.473	-7.1	104	0.00
80	Butylbenzylphthalate	0.425	0.537	-26.4#	111	0.00
81	Benzo(a)anthracene	1.343	1.389	-3.4	101	0.00
82	3,3'-Dichlorobenzidine	0.394	0.449	-14.0	106	0.00
83	Chrysene	1.222	1.288	-5.4	109	0.00
84	Bis(2-ethylhexyl)phthalate	0.604	0.704	-16.6	106	0.00
85 c	Di-n-octyl phthalate	1.133	1.287	-13.6	106	0.00
86 I	Perylene-d12	1.000	1.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	1.465	1.603	-9.4	104	0.00
88	Benzo(b)fluoranthene	1.242	1.255	-1.0	101	0.00
89	Benzo(k)fluoranthene	1.136	1.184	-4.2	108	0.00
90 C	Benzo(a)pyrene	1.137	1.205	-6.0	105	0.00
91	Dibenzo(a,h)anthracene	1.189	1.295	-8.9	103	0.00
92	Benzo(g,h,i)perylene	1.195	1.312	-9.8	105	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043025

Quant Time: Apr 30 16:36:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 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\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2	1,4-Dioxane	40.000	42.438	-6.1	103	0.00
3	Pyridine	40.000	42.469	-6.2	104	0.00
4	n-Nitrosodimethylamine	40.000	42.942	-7.4	103	0.00
5 S	2-Fluorophenol	80.000	85.116	-6.4	104	0.00
6	Aniline	40.000	42.598	-6.5	105	0.00
7 S	Phenol-d6	80.000	85.730	-7.2	105	0.00
8	2-Chlorophenol	40.000	44.202	-10.5	107	0.00
9	Benzaldehyde	40.000	42.925	-7.3	105	0.00
10 C	Phenol	40.000	42.765	-6.9	105	0.00
11	bis(2-Chloroethyl)ether	40.000	42.329	-5.8	104	0.00
12	1,3-Dichlorobenzene	40.000	41.819	-4.5	103	0.00
13 C	1,4-Dichlorobenzene	40.000	41.924	-4.8	103	0.00
14	1,2-Dichlorobenzene	40.000	42.247	-5.6	104	0.00
15	Benzyl Alcohol	40.000	43.378	-8.4	104	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.684	-6.7	105	0.00
17	2-Methylphenol	40.000	42.288	-5.7	103	0.00
18	Hexachloroethane	40.000	44.255	-10.6	108	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.992	-5.0	104	0.00
20	3+4-Methylphenols	40.000	43.919	-9.8	107	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	103	0.00
22	Acetophenone	40.000	41.441	-3.6	105	0.00
23 S	Nitrobenzene-d5	80.000	98.845	-23.6	114	0.00
24	Nitrobenzene	40.000	47.402	-18.5	111	0.00
25	Isophorone	40.000	41.789	-4.5	104	0.00
26 C	2-Nitrophenol	40.000	48.175	-20.4#	135	0.00
27	2,4-Dimethylphenol	40.000	43.004	-7.5	106	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.780	-4.5	104	0.00
29 C	2,4-Dichlorophenol	40.000	44.013	-10.0	105	0.00
30	1,2,4-Trichlorobenzene	40.000	41.724	-4.3	103	0.00
31	Naphthalene	40.000	41.005	-2.5	103	0.00
32	Benzoic acid	40.000	45.113	-12.8	134	0.00
33	4-Chloroaniline	40.000	41.344	-3.4	103	0.00
34 C	Hexachlorobutadiene	40.000	42.127	-5.3	103	0.00
35	Caprolactam	40.000	44.434	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.485	-8.7	105	0.00
37	2-Methylnaphthalene	40.000	41.155	-2.9	104	0.00
38	1-Methylnaphthalene	40.000	41.232	-3.1	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.349	-3.4	104	0.00
41 P	Hexachlorocyclopentadiene	40.000	47.321	-18.3	110	0.00
42 S	2,4,6-Tribromophenol	80.000	93.044	-16.3	107	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.713	-14.3	111	0.00
44	2,4,5-Trichlorophenol	40.000	44.676	-11.7	104	0.00
45 S	2-Fluorobiphenyl	80.000	79.807	0.2	103	0.00
46	1,1'-Biphenyl	40.000	40.936	-2.3	103	0.00
47	2-Chloronaphthalene	40.000	41.003	-2.5	103	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142247.D
 Acq On : 30 Apr 2025 16:17
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF043025

Quant Time: Apr 30 16:36:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	46.523	-16.3	123	0.00
49	Acenaphthylene	40.000	41.211	-3.0	103	0.00
50	Dimethylphthalate	40.000	42.054	-5.1	105	0.00
51	2,6-Dinitrotoluene	40.000	45.376	-13.4	118	0.00
52 C	Acenaphthene	40.000	41.631	-4.1	104	0.00
53	3-Nitroaniline	40.000	45.509	-13.8	117	0.00
54 P	2,4-Dinitrophenol	40.000	49.090	-22.7	148	0.00
55	Dibenzofuran	40.000	41.181	-3.0	104	0.00
56 P	4-Nitrophenol	40.000	49.952	-24.9	120	0.00
57	2,4-Dinitrotoluene	40.000	46.994	-17.5	126	0.00
58	Fluorene	40.000	40.714	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.724	-14.3	107	0.00
60	Diethylphthalate	40.000	42.222	-5.6	104	0.00
61	4-Chlorophenyl-phenylether	40.000	40.626	-1.6	102	0.00
62	4-Nitroaniline	40.000	45.070	-12.7	115	0.00
63	Azobenzene	40.000	41.400	-3.5	104	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.598	-16.5	142	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.816	-4.5	103	0.00
67	4-Bromophenyl-phenylether	40.000	42.497	-6.2	103	0.00
68	Hexachlorobenzene	40.000	41.800	-4.5	103	0.00
69	Atrazine	40.000	44.732	-11.8	109	0.00
70 C	Pentachlorophenol	40.000	47.342	-18.4	111	0.00
71	Phenanthrene	40.000	40.955	-2.4	102	0.00
72	Anthracene	40.000	41.854	-4.6	105	0.00
73	Carbazole	40.000	41.793	-4.5	105	0.00
74	Di-n-butylphthalate	40.000	44.051	-10.1	107	0.00
75 C	Fluoranthene	40.000	41.690	-4.2	105	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	46.435	-16.1	107	0.00
78	Pyrene	40.000	44.082	-10.2	105	0.00
79 S	Terphenyl-d14	80.000	85.716	-7.1	104	0.00
80	Butylbenzylphthalate	40.000	42.984	-7.5	111	0.00
81	Benzo(a)anthracene	40.000	41.383	-3.5	101	0.00
82	3,3'-Dichlorobenzidine	40.000	45.495	-13.7	106	0.00
83	Chrysene	40.000	42.158	-5.4	109	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.882	-2.2	106	0.00
85 c	Di-n-octyl phthalate	40.000	41.178	-2.9	106	0.00
86 I	Perylene-d12	20.000	20.000	0.0	104	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.757	-9.4	104	0.00
88	Benzo(b)fluoranthene	40.000	40.403	-1.0	101	0.00
89	Benzo(k)fluoranthene	40.000	41.665	-4.2	108	0.00
90 C	Benzo(a)pyrene	40.000	42.380	-6.0	105	0.00
91	Dibenzo(a,h)anthracene	40.000	43.565	-8.9	103	0.00
92	Benzo(g,h,i)perylene	40.000	43.902	-9.8	105	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142247.D
Acq On : 30 Apr 2025 16:17
Operator : RC/JU
Sample : SSTDICV040
Misc :
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Instrument :
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Quant Time: Apr 30 16:36:04 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: POWE02
 Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG No.: Q1903
 Instrument ID: BNA_M Calibration Date(s): 04/28/2025 04/28/2025
 Calibration Time(s): 12:30 17:04

LAB FILE ID:		RRF2.5 = BM050024.D			RRF005 = BM050025.D		RRF010 = BM050026.D	
		RRF020 = BM050027.D			RRF040 = BM050028.D		RRF050 = BM050029.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.074	1.079	1.107	1.208	1.211	1.142	5.0
Phenol-d6		1.290	1.318	1.398	1.543	1.537	1.436	7.1
Nitrobenzene-d5		0.386	0.374	0.397	0.434	0.433	0.406	5.7
Naphthalene		1.001	0.959	0.993	1.066	1.057	1.013	3.8
2-Fluorobiphenyl		1.588	1.555	1.632	1.807	1.822	1.691	6.2
Fluorene		1.387	1.343	1.431	1.558	1.573	1.463	5.8
2,4,6-Tribromophenol		0.253	0.249	0.281	0.318	0.329	0.296	11.6
Phenanthrene		1.075	1.035	1.083	1.187	1.212	1.128	5.8
Anthracene		1.062	1.038	1.096	1.214	1.236	1.142	6.8
Pyrene		1.290	1.255	1.332	1.518	1.520	1.404	7.8
Terphenyl-d14		1.176	1.189	1.332	1.524	1.541	1.352	11.6
Benzo(a)anthracene		1.280	1.231	1.321	1.478	1.479	1.377	7.2
Chrysene		1.208	1.170	1.214	1.342	1.369	1.275	6.0
Benzo(b)fluoranthene		1.128	1.149	1.209	1.406	1.415	1.301	10.2
Benzo(a)pyrene		1.094	1.066	1.147	1.295	1.330	1.218	9.2
Indeno(1,2,3-cd)pyrene		1.301	1.293	1.404	1.602	1.646	1.490	10.3
Benzo(g,h,i)perylene		1.066	1.030	1.105	1.236	1.268	1.163	8.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Apr 28 18:09:16 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050024.D 5 =BM050025.D 10 =BM050026.D 20 =BM050027.D 40 =BM050028.D 50 =BM050029.D 60 =BM050030.D 80 =BM050031.D

Compound		2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.506	0.464	0.478	0.511	0.504	0.491	0.473	0.490		3.75
3)	Pyridine	1.201	1.166	1.229	1.331	1.328	1.292	1.261	1.258		5.03
4)	n-Nitrosodimet...	0.487	0.459	0.475	0.522	0.518	0.504	0.490	0.493		4.62
5) S	2-Fluorophenol	1.074	1.079	1.107	1.208	1.211	1.173	1.142	1.142		5.04
6)	Aniline	1.657	1.689	1.768	1.942	1.922	1.875	1.835	1.813		6.16
7) S	Phenol-d6	1.290	1.318	1.398	1.543	1.537	1.494	1.469	1.436		7.13
8)	2-Chlorophenol	1.169	1.161	1.198	1.312	1.301	1.268	1.235	1.235		4.96
9)	Benzaldehyde	0.940	0.920	0.971	1.031	1.013	0.956	0.894	0.961		5.08
10) C	Phenol	1.349	1.344	1.420	1.539	1.537	1.501	1.483	1.453		5.73
11)	bis(2-Chloroet...	1.213	1.105	1.176	1.279	1.271	1.233	1.218	1.213		4.90
12)	1,3-Dichlorobe...	1.483	1.428	1.453	1.566	1.552	1.508	1.453	1.492		3.51
13) C	1,4-Dichlorobe...	1.518	1.418	1.463	1.561	1.557	1.516	1.458	1.499		3.60
14)	1,2-Dichlorobe...	1.420	1.393	1.423	1.522	1.506	1.464	1.405	1.448		3.50
15)	Benzyl Alcohol	0.866	0.881	0.966	1.080	1.074	1.050	1.050	0.996		9.16
16)	2,2'-oxybis(1-...	1.487	1.422	1.445	1.552	1.513	1.473	1.433	1.475		3.17
17)	2-Methylphenol	0.857	0.893	0.931	1.033	1.026	0.988	0.975	0.957		6.96
18)	Hexachloroethane	0.552	0.508	0.521	0.556	0.548	0.533	0.510	0.533		3.79
19) P	n-Nitroso-di-n...	0.802	0.889	0.885	0.921	1.003	0.988	0.949	0.928	0.921	6.95
20)	3+4-Methylphenols	1.137	1.170	1.267	1.393	1.392	1.349	1.341	1.293		8.09
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.483	0.464	0.485	0.531	0.525	0.506	0.487	0.497		4.94
23) S	Nitrobenzene-d5	0.386	0.374	0.397	0.434	0.433	0.417	0.400	0.406		5.68
24)	Nitrobenzene	0.337	0.325	0.345	0.374	0.372	0.358	0.346	0.351		5.16
25)	Isophorone	0.666	0.648	0.680	0.729	0.729	0.704	0.687	0.692		4.44
26) C	2-Nitrophenol	0.148	0.157	0.172	0.196	0.198	0.192	0.191	0.179		11.33
27)	2,4-Dimethylph...	0.263	0.266	0.289	0.324	0.322	0.312	0.305	0.297		8.42
28)	bis(2-Chloroet...	0.407	0.399	0.422	0.455	0.452	0.434	0.425	0.428		4.92
29) C	2,4-Dichloroph...	0.294	0.298	0.326	0.362	0.359	0.351	0.342	0.333		8.47
30)	1,2,4-Trichlor...	0.400	0.384	0.394	0.427	0.426	0.412	0.399	0.406		4.02
31)	Naphthalene	1.001	0.959	0.993	1.066	1.057	1.023	0.989	1.013		3.80
32)	Benzoic acid		0.138	0.172	0.197	0.206	0.212	0.215	0.190		15.67
33)	4-Chloroaniline	0.361	0.393	0.404	0.441	0.448	0.437	0.423	0.415		7.51
34) C	Hexachlorobuta...	0.253	0.240	0.249	0.270	0.270	0.263	0.258	0.258		4.34
35)	Caprolactam	0.090	0.085	0.095	0.104	0.104	0.102	0.100	0.097		7.73
36) C	4-Chloro-3-met...	0.289	0.283	0.302	0.325	0.329	0.317	0.309	0.308		5.72
37)	2-Methylnaphth...	0.656	0.639	0.662	0.713	0.714	0.692	0.678	0.679		4.22
38)	1-Methylnaphth...	0.703	0.675	0.708	0.753	0.751	0.731	0.710	0.719		3.92

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM042825.M

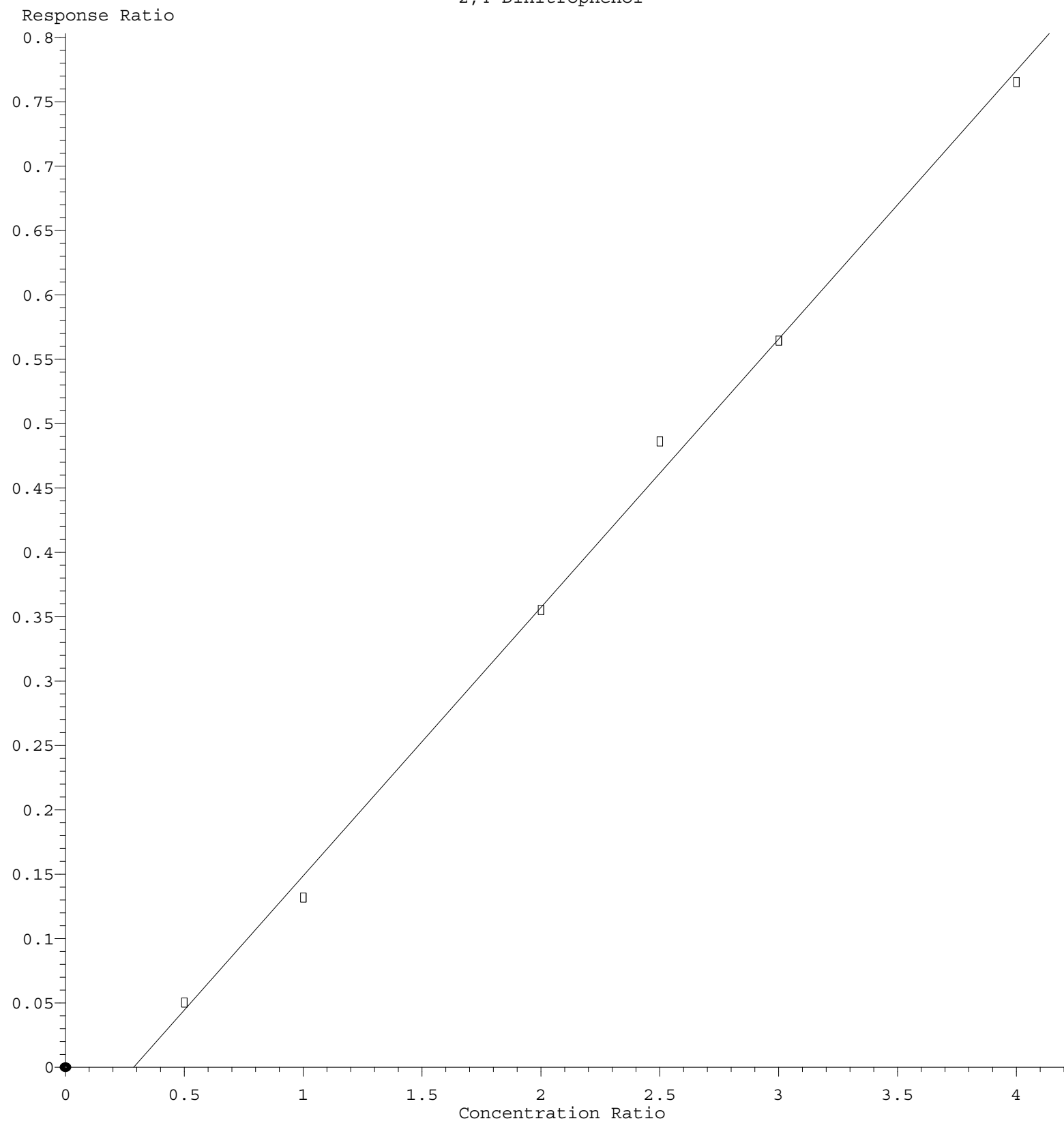
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.624	0.622	0.655	0.742	0.745	0.725	0.733	0.692	8.17	
41) P	Hexachlorocycl...	0.303	0.362	0.455	0.468	0.467	0.483	0.423	17.30		
42) S	2,4,6-Tribromo...	0.253	0.249	0.281	0.318	0.329	0.318	0.323	0.296	11.61	
43) C	2,4,6-Trichlor...	0.372	0.381	0.423	0.476	0.485	0.467	0.469	0.439	10.76	
44)	2,4,5-Trichlor...	0.410	0.417	0.453	0.517	0.519	0.501	0.497	0.474	9.83	
45) S	2-Fluorobiphenyl	1.588	1.555	1.632	1.807	1.822	1.744	1.688	1.691	6.21	
46)	1,1'-Biphenyl	1.427	1.395	1.452	1.573	1.581	1.507	1.473	1.487	4.77	
47)	2-Chloronaphth...	1.126	1.112	1.155	1.250	1.248	1.192	1.158	1.177	4.69	
48)	2-Nitroaniline	0.238	0.242	0.269	0.302	0.304	0.294	0.286	0.276	9.96	
49)	Acenaphthylene	1.794	1.715	1.810	1.972	1.971	1.889	1.845	1.857	5.10	
50)	Dimethylphthalate	1.444	1.377	1.437	1.532	1.543	1.470	1.429	1.462	4.02	
51)	2,6-Dinitrotol...	0.266	0.271	0.299	0.327	0.331	0.316	0.309	0.303	8.50	
52) C	Acenaphthene	1.038	0.998	1.046	1.133	1.145	1.094	1.067	1.075	4.93	
53)	3-Nitroaniline	0.233	0.247	0.284	0.321	0.325	0.311	0.302	0.289	12.47	
54) P	2,4-Dinitrophenol	0.100	0.132	0.178	0.194	0.188	0.191	0.164	23.65		
55)	Dibenzofuran	1.749	1.681	1.749	1.876	1.888	1.810	1.763	1.788	4.17	
56) P	4-Nitrophenol	0.128	0.180	0.224	0.237	0.231	0.231	0.205	20.96		
57)	2,4-Dinitrotol...	0.338	0.366	0.412	0.456	0.468	0.447	0.440	0.418	11.72	
58)	Fluorene	1.387	1.343	1.431	1.558	1.573	1.500	1.453	1.463	5.84	
59)	2,3,4,6-Tetrac...	0.366	0.362	0.398	0.435	0.445	0.432	0.431	0.410	8.44	
60)	Diethylphthalate	1.372	1.301	1.380	1.433	1.451	1.376	1.328	1.377	3.86	
61)	4-Chlorophenyl...	0.741	0.716	0.770	0.857	0.871	0.836	0.836	0.804	7.58	
62)	4-Nitroaniline	0.208	0.234	0.277	0.313	0.321	0.301	0.295	0.279	15.17	
63)	Azobenzene	1.118	1.091	1.150	1.216	1.229	1.165	1.110	1.154	4.59	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.088	0.110	0.135	0.142	0.138	0.137	0.125	17.16		
66) c	n-Nitrosodiphe...	0.580	0.572	0.596	0.655	0.657	0.629	0.610	0.614	5.56	
67)	4-Bromophenyl-...	0.223	0.216	0.229	0.258	0.258	0.256	0.253	0.242	7.60	
68)	Hexachlorobenzene	0.265	0.251	0.264	0.294	0.295	0.291	0.291	0.279	6.49	
69)	Atrazine	0.196	0.198	0.214	0.236	0.242	0.234	0.230	0.222	8.47	
70) C	Pentachlorophenol	0.117	0.141	0.167	0.172	0.170	0.174	0.157	14.52		
71)	Phenanthrene	1.075	1.035	1.083	1.187	1.212	1.173	1.132	1.128	5.84	
72)	Anthracene	1.062	1.038	1.096	1.214	1.236	1.191	1.154	1.142	6.78	
73)	Carbazole	0.909	0.900	0.960	1.054	1.075	1.038	0.999	0.991	7.05	
74)	Di-n-butylphth...	1.106	1.082	1.151	1.246	1.277	1.231	1.165	1.180	6.25	
75) C	Fluoranthene	1.178	1.142	1.250	1.410	1.455	1.425	1.411	1.324	9.86	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.560	0.646	0.772	0.769	0.765	0.751	0.710	12.36		
78)	Pyrene	1.290	1.255	1.332	1.518	1.520	1.465	1.453	1.404	7.83	
79) S	Terphenyl-d14	1.176	1.189	1.332	1.524	1.541	1.458	1.239	1.352	11.58	
80)	Butylbenzylpht...	0.489	0.479	0.515	0.562	0.568	0.545	0.524	0.526	6.53	
81)	Benzo(a)anthra...	1.280	1.231	1.321	1.478	1.479	1.442	1.408	1.377	7.24	
82)	3,3'-Dichlorob...	0.434	0.432	0.483	0.580	0.597	0.583	0.581	0.527	14.14	
83)	Chrysene	1.208	1.170	1.214	1.342	1.369	1.325	1.296	1.275	6.03	
84)	Bis(2-ethylhex...	0.726	0.725	0.775	0.843	0.852	0.814	0.765	0.786	6.61	
85) c	Di-n-octyl pht...	1.221	1.197	1.267	1.366	1.404	1.341	1.275	1.296	5.92	

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.301	1.293	1.404	1.602	1.646	1.591	1.595	1.490	10.27	
88)	Benzo(b)fluora...	1.128	1.149	1.209	1.406	1.415	1.408	1.390	1.301	10.16	
89)	Benzo(k)fluora...	1.219	1.150	1.251	1.387	1.449	1.383	1.372	1.316	8.29	
90) C	Benzo(a)pyrene	1.094	1.066	1.147	1.295	1.330	1.298	1.297	1.218	9.15	
91)	Dibenzo(a,h)an...	1.056	1.044	1.142	1.300	1.347	1.305	1.310	1.215	10.72	
92)	Benzo(g,h,i)pe...	1.066	1.030	1.105	1.236	1.268	1.224	1.212	1.163	8.07	

(#) = Out of Range

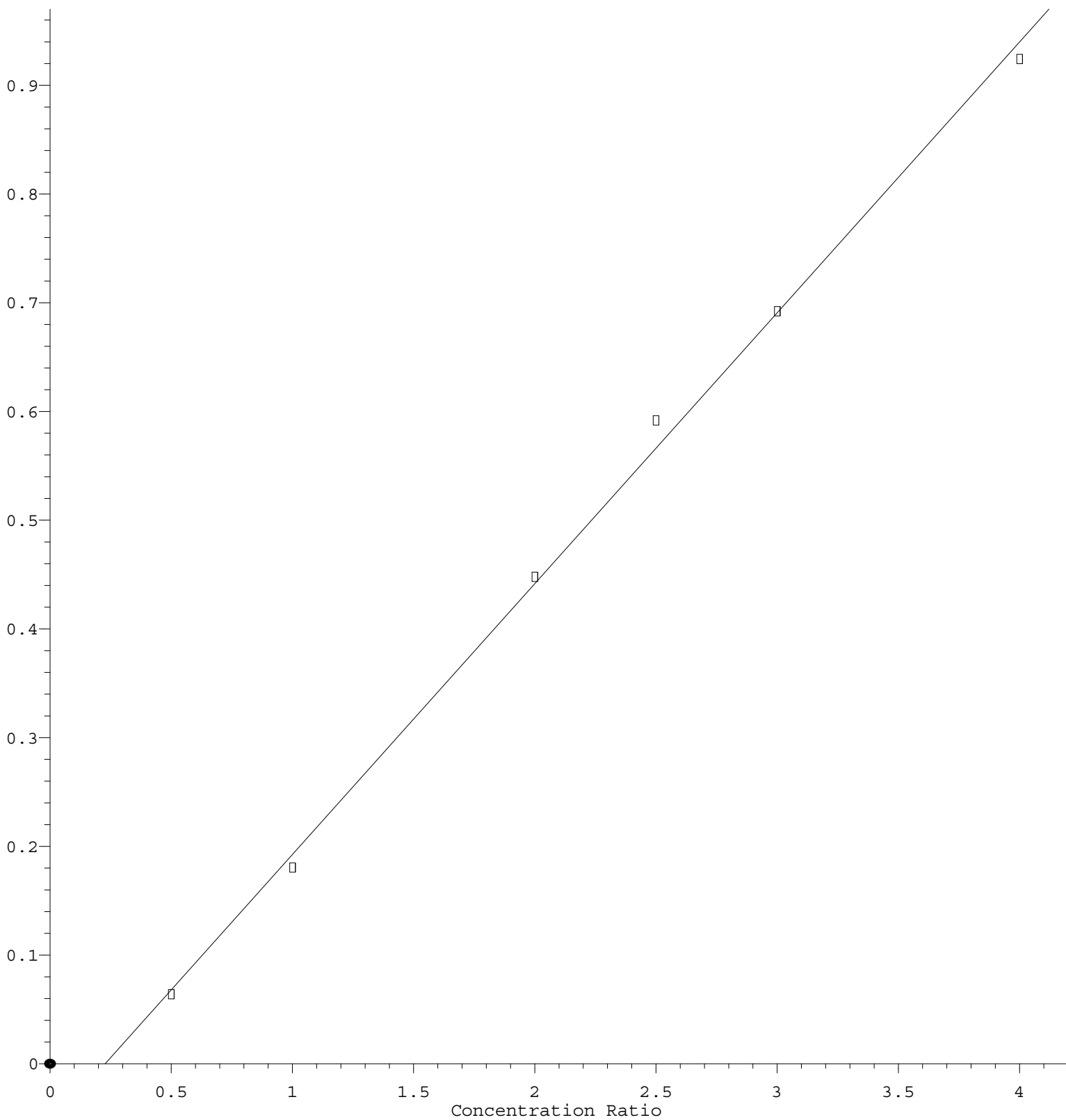
2,4-Dinitrophenol



Response = 2.086e-001 * Amt - 5.991e-002
 Coef of Det (r^2) = 0.997215 Curve Fit: Linear
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M
 Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 2.492\text{e-}001 * \text{Amt} - 5.648\text{e-}002$$

Coef of Det (r^2) = 0.997878 Curve Fit: Linear

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM042825.M

Calibration Table Last Updated: Mon Apr 28 18:09:16 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

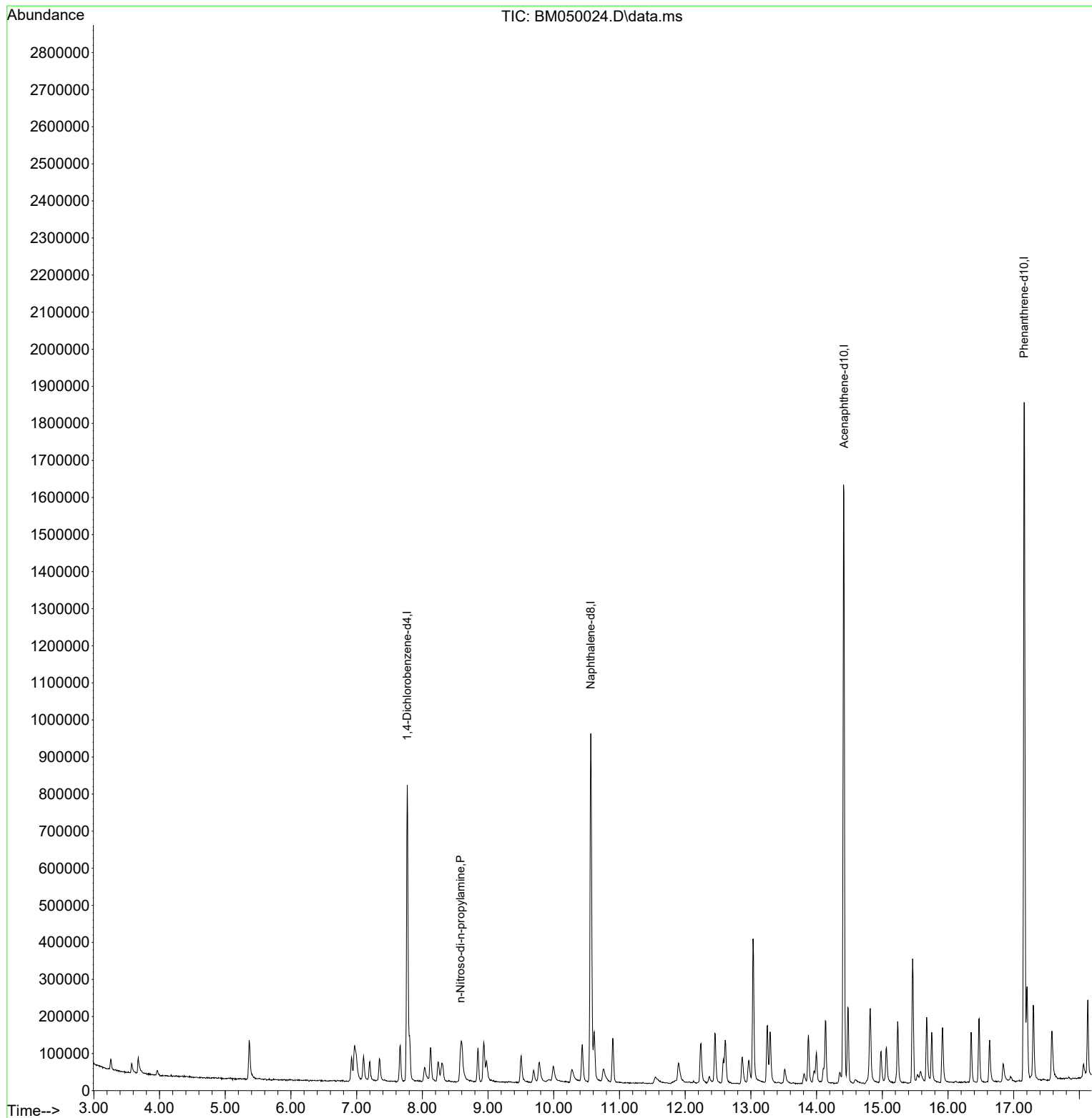
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	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...	8.581	70	24247	2.177	ng	Qvalue 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

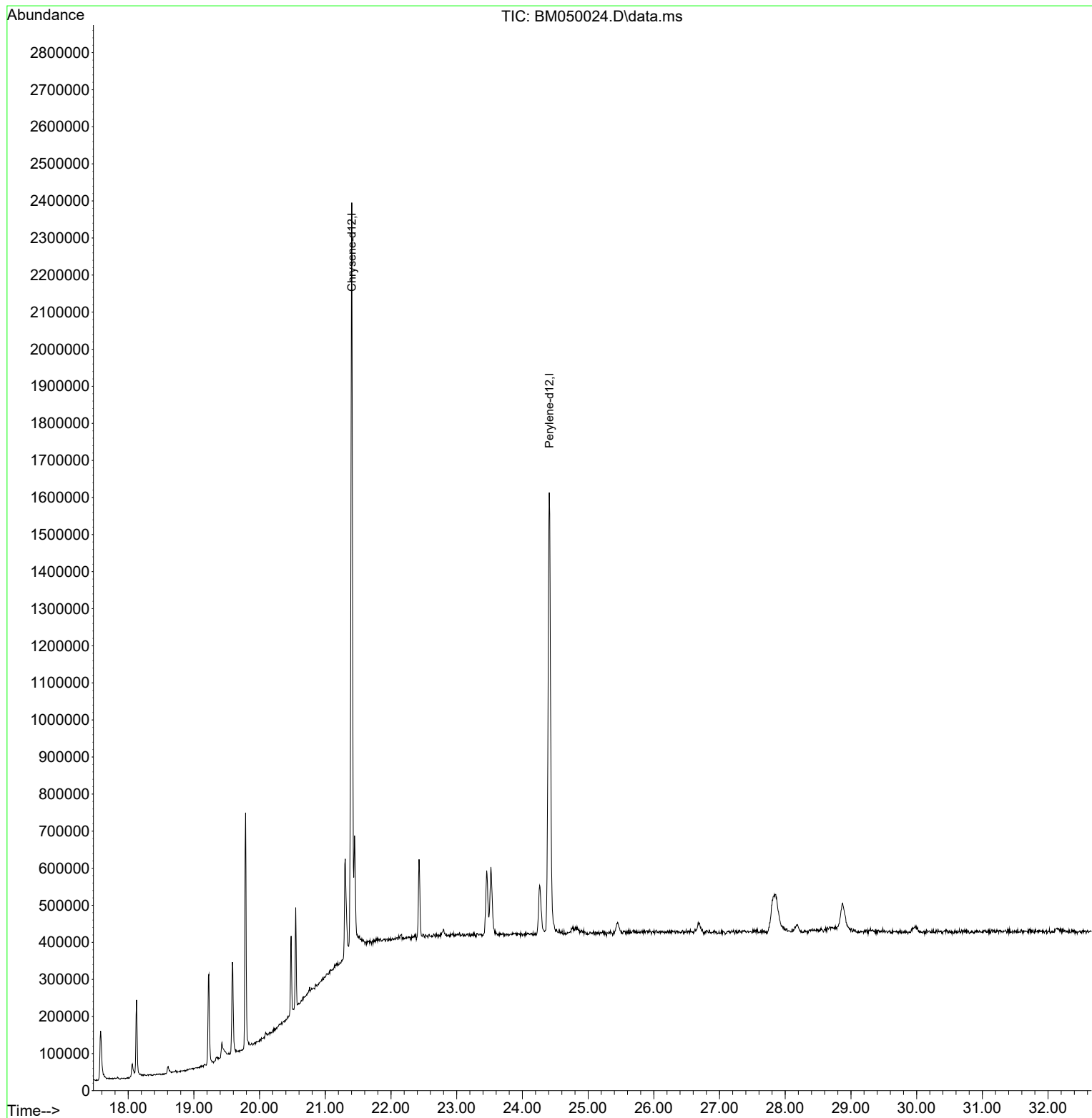
Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

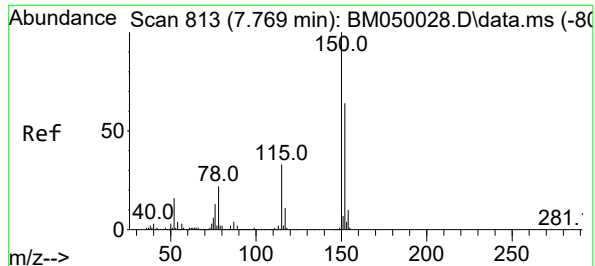


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Data File : BM050024.D
Acq On : 28 Apr 2025 12:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 28 17:52:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

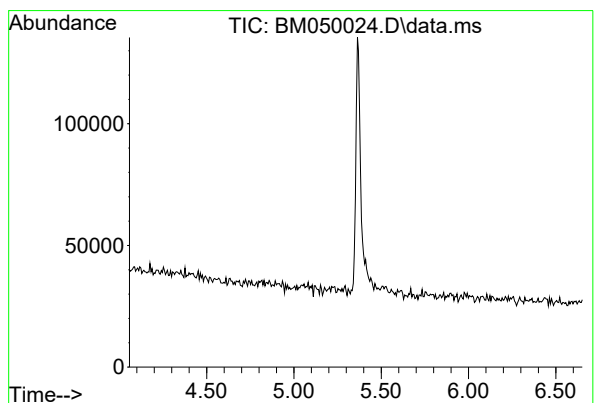
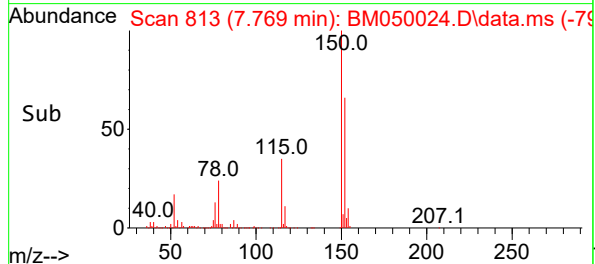
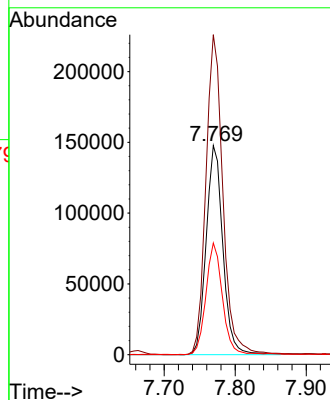
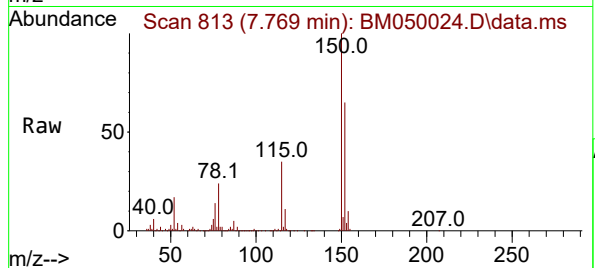




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

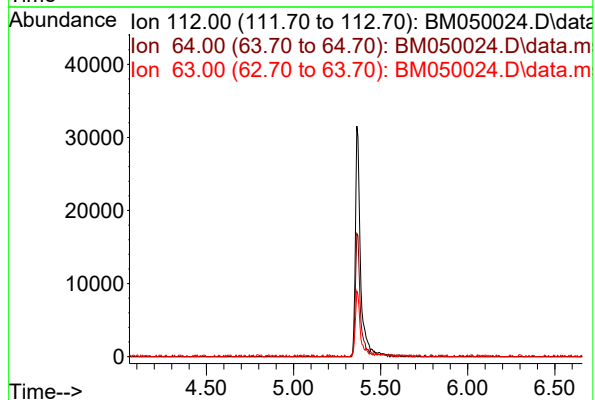
Tgt Ion:152 Resp: 241974
Ion Ratio Lower Upper
152 100
150 153.0 124.1 186.1
115 53.4 41.2 61.8

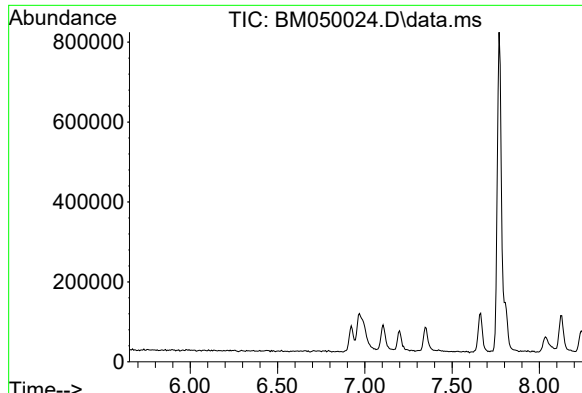


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 112
Sig Exp Ratio
112 100
64 53.3
63 27.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

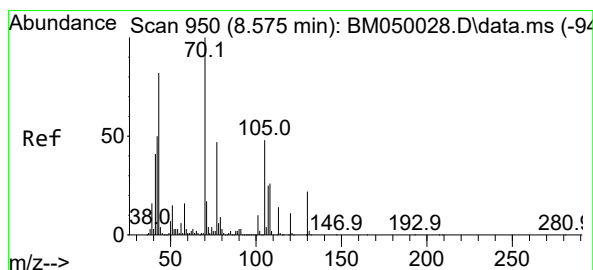
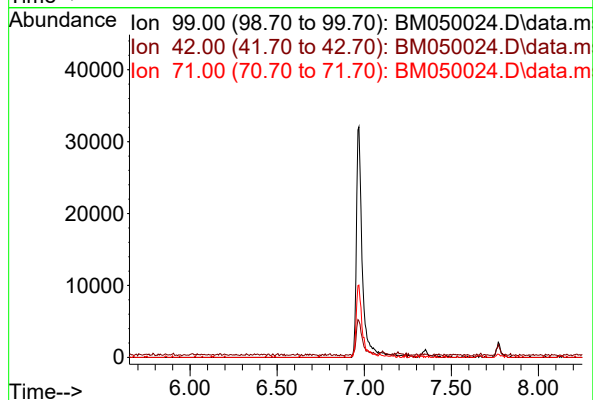
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.2

71 32.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.177 ng

RT: 8.581 min Scan# 951

Delta R.T. 0.006 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

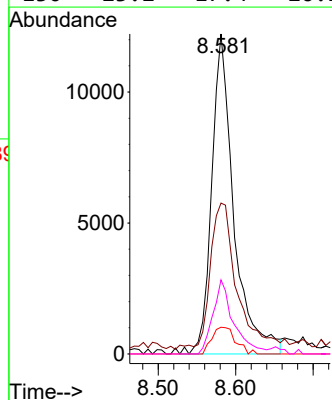
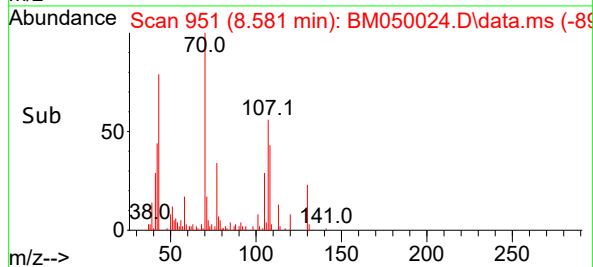
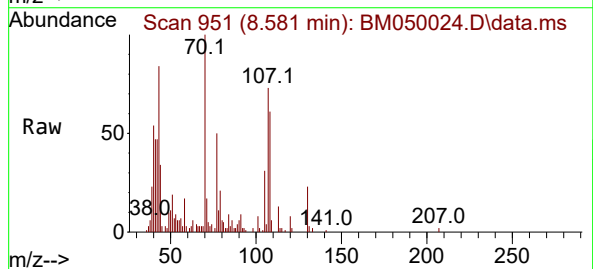
Ion Ratio Lower Upper

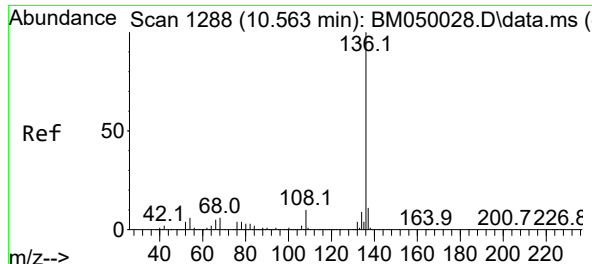
70 100

42 47.1 40.5 60.7

101 8.4 7.8 11.6

130 23.2 17.4 26.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050024.D

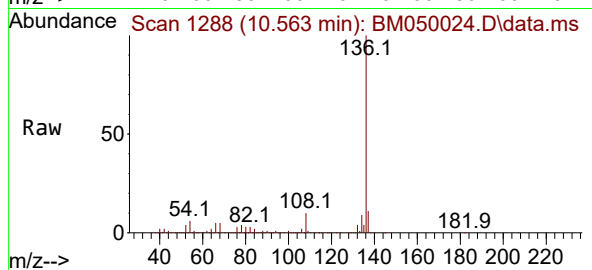
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 868675

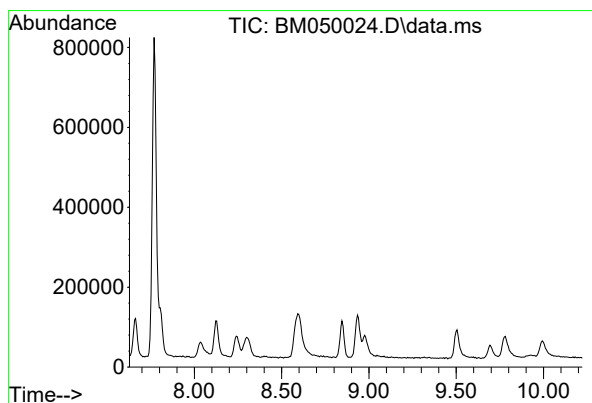
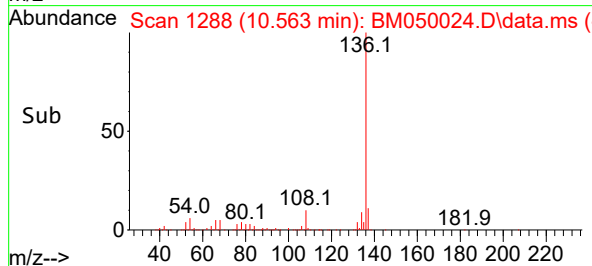
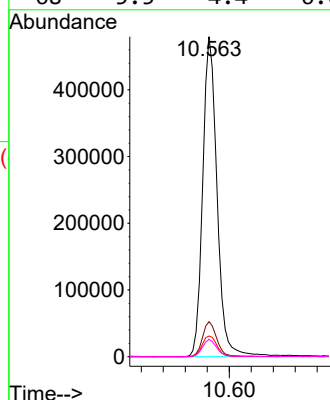
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.93 min

Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

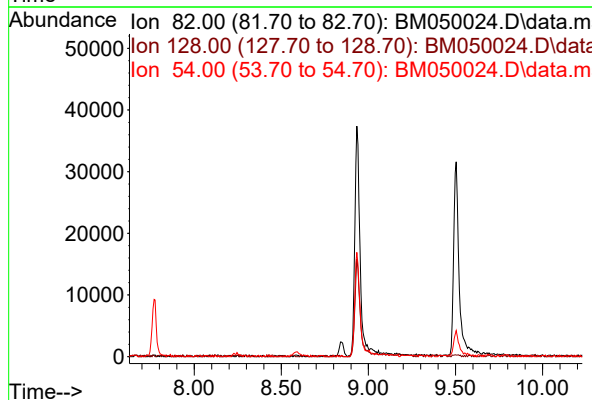
Tgt Ion: 82

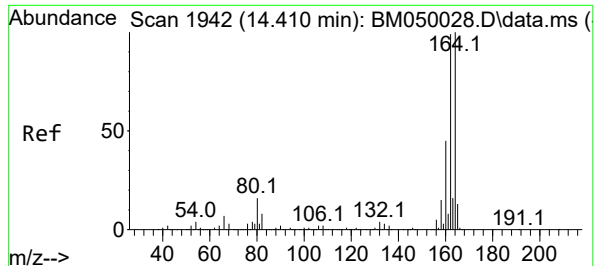
Sig Exp Ratio

82 100

128 44.6

54 44.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. 0.006 min

Lab File: BM050024.D

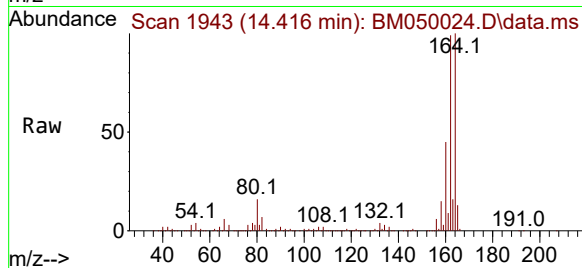
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

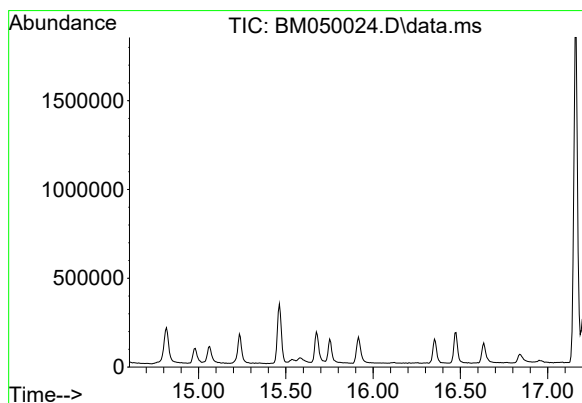
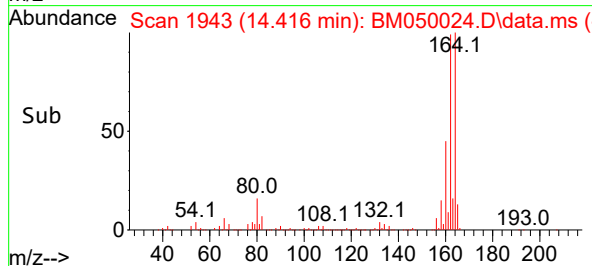
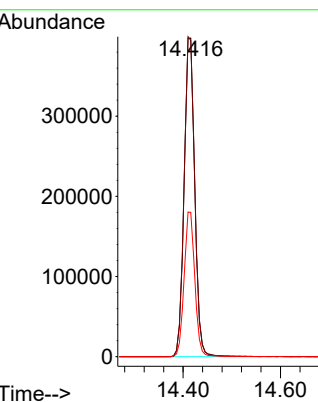
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 604723

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.3	36.2	54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

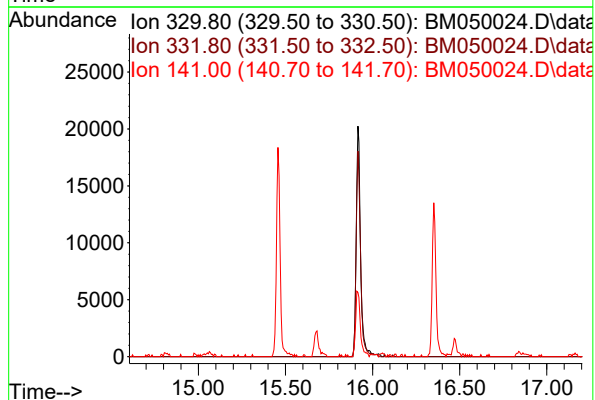
Expected RT: 15.90 min

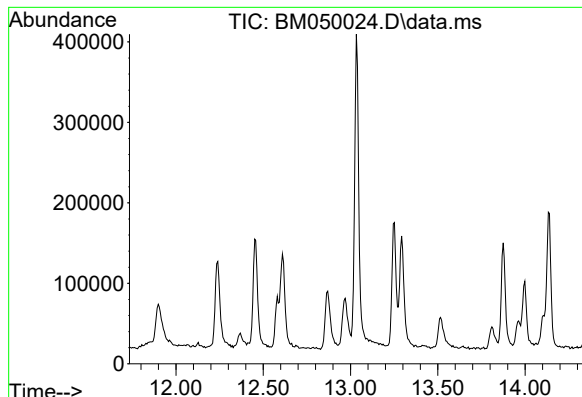
Lab File: BM050024.D

Acq: 28 Apr 2025 12:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	28.1

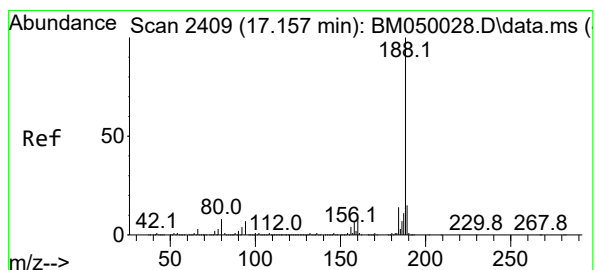
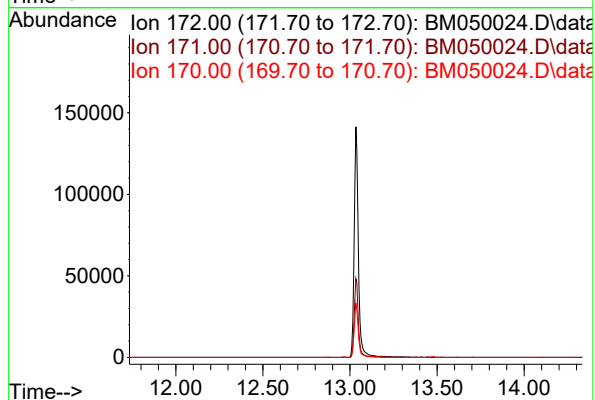




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

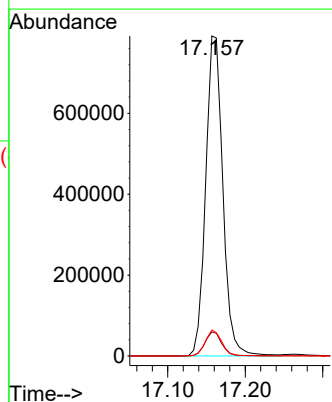
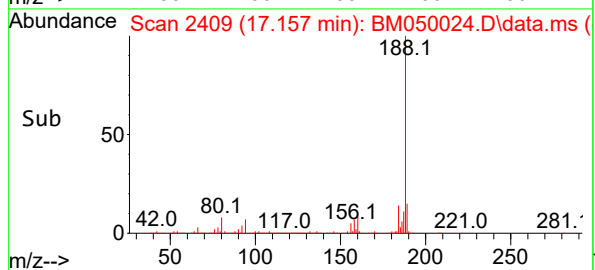
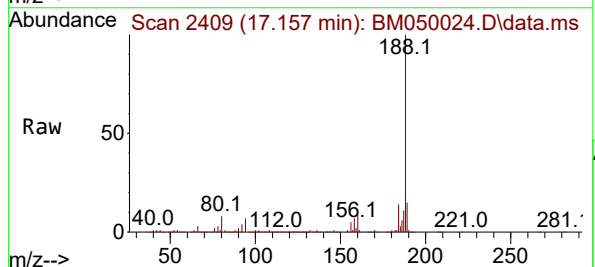
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

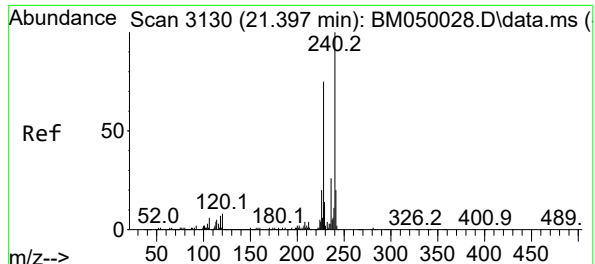
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion:188 Resp: 1218544
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.1 6.2 9.4

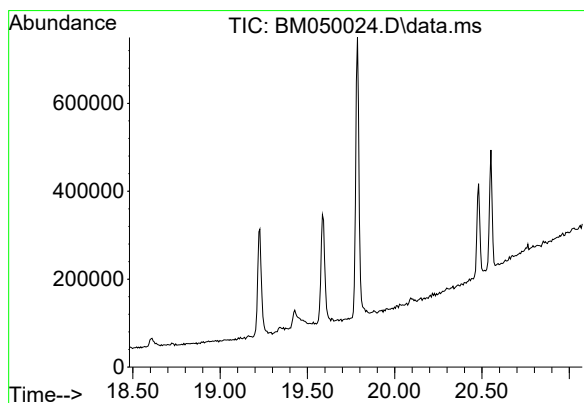
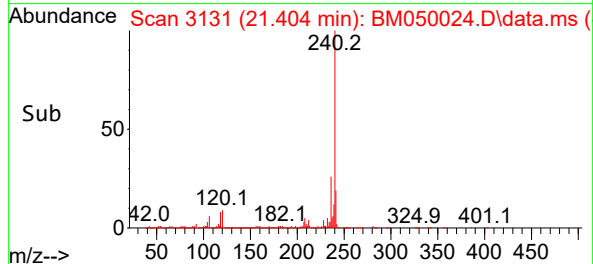
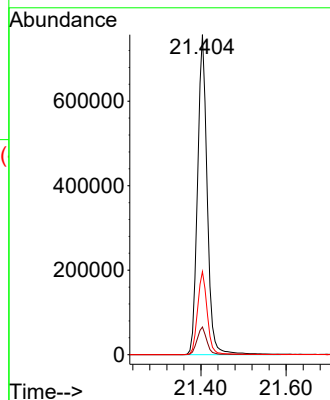
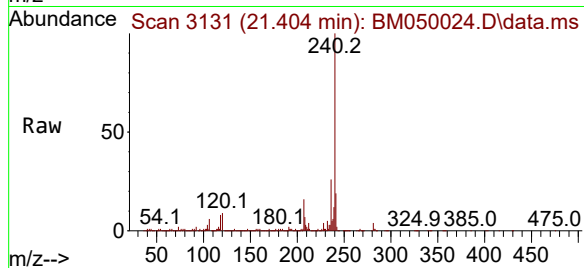




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 31
Delta R.T. 0.007 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

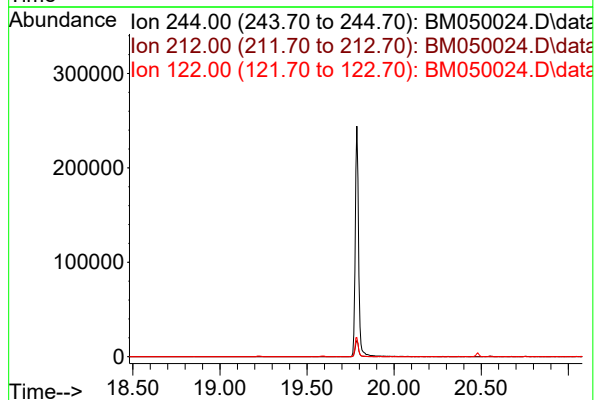
Tgt Ion: 240 Resp: 1187007
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

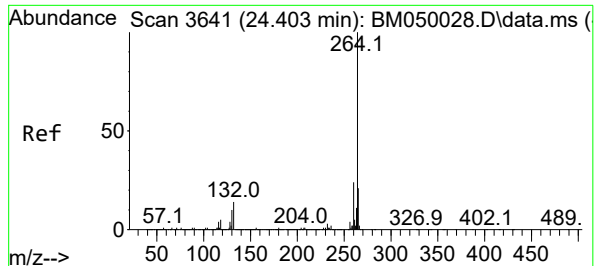
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

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



Ion 212.00 (211.70 to 212.70): BM050024.D\data.ms

Ion 122.00 (121.70 to 122.70): BM050024.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3

Delta R.T. 0.006 min

Lab File: BM050024.D

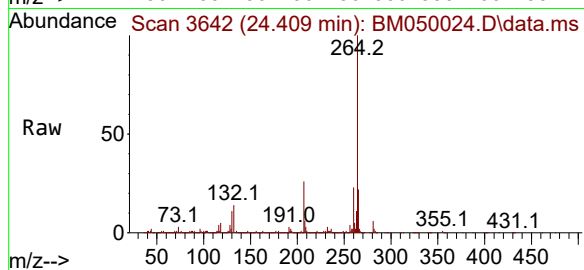
Acq: 28 Apr 2025 12:30

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



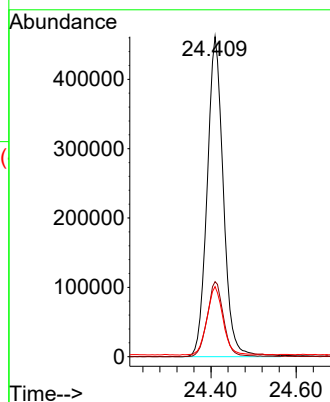
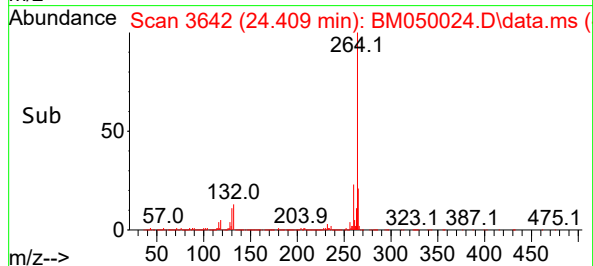
Tgt Ion:264 Resp: 1217038

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.9 17.0 25.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	222427	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	815362	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	578294	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1183325	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1136162	20.000	ng	0.00
86) Perylene-d12	24.403	264	1149910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	119473	9.406	ng	0.00
7) Phenol-d6	6.957	99	143453	8.985	ng	0.00
23) Nitrobenzene-d5	8.928	82	157222	9.502	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	73192	8.560	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	459031	9.390	ng	0.00
79) Terphenyl-d14	19.780	244	668289	8.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	28163	5.171	ng	98
3) Pyridine	3.669	79	66766	4.771	ng	98
4) n-Nitrosodimethylamine	3.575	42	27060	4.930	ng	# 92
6) Aniline	7.098	93	92126	4.570	ng	97
8) 2-Chlorophenol	7.345	128	64999	4.733	ng	99
9) Benzaldehyde	6.916	77	52286m	4.900	ng	
10) Phenol	6.987	94	75011	4.641	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	67447	4.998	ng	98
12) 1,3-Dichlorobenzene	7.657	146	82466	4.971	ng	98
13) 1,4-Dichlorobenzene	7.804	146	84400	5.064	ng	97
14) 1,2-Dichlorobenzene	8.122	146	78966	4.905	ng	99
15) Benzyl Alcohol	8.022	79	48180	4.352	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.298	45	82711	5.042	ng	93
17) 2-Methylphenol	8.234	107	47632	4.474	ng	99
18) Hexachloroethane	8.845	117	30717	5.185	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	49455	4.830	ng	98
20) 3+4-Methylphenols	8.575	107	63223	4.397	ng	# 91
22) Acetophenone	8.598	105	98358	4.852	ng	98
24) Nitrobenzene	8.975	77	68598	4.795	ng	94
25) Isophorone	9.498	82	135828	4.816	ng	98
26) 2-Nitrophenol	9.692	139	30257	4.140	ng	95
27) 2,4-Dimethylphenol	9.763	122	53660	4.427	ng	99
28) bis(2-Chloroethoxy)met...	9.986	93	82947	4.758	ng	99
29) 2,4-Dichlorophenol	10.263	162	59828	4.406	ng	97
30) 1,2,4-Trichlorobenzene	10.428	180	81624	4.934	ng	97
31) Naphthalene	10.616	128	204133	4.944	ng	98
33) 4-Chloroaniline	10.751	127	73542	4.345	ng	97
34) Hexachlorobutadiene	10.898	225	51529	4.907	ng	98
35) Caprolactam	11.522	113	18349m	4.634	ng	
36) 4-Chloro-3-methylphenol	11.886	107	58843	4.690	ng	97
37) 2-Methylnaphthalene	12.233	142	133679	4.829	ng	97
38) 1-Methylnaphthalene	12.451	142	143332	4.892	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	90168	4.504	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	53748	4.233	ng	96
44) 2,4,5-Trichlorophenol	12.951	196	59224	4.325	ng	98
46) 1,1'-Biphenyl	13.245	154	206296	4.799	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050025.D
 Acq On : 28 Apr 2025 13:09
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.286	162	162803	4.782	ng	98
48) 2-Nitroaniline	13.504	65	34348	4.299	ng	91
49) Acenaphthylene	14.133	152	259406	4.832	ng	100
50) Dimethylphthalate	13.869	163	208800	4.941	ng	100
51) 2,6-Dinitrotoluene	13.992	165	38453	4.395	ng	94
52) Acenaphthene	14.474	154	150042	4.829	ng	99
53) 3-Nitroaniline	14.339	138	33713	4.036	ng	# 94
55) Dibenzofuran	14.816	168	252898	4.892	ng	99
57) 2,4-Dinitrotoluene	14.798	165	48901	4.044	ng	# 87
58) Fluorene	15.463	166	200542	4.739	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.057	232	52899	4.463	ng	97
60) Diethylphthalate	15.233	149	198362	4.981	ng	98
61) 4-Chlorophenyl-phenyle...	15.457	204	107081	4.607	ng	94
62) 4-Nitroaniline	15.515	138	30138m	3.737	ng	
63) Azobenzene	15.751	77	161662	4.844	ng	98
66) n-Nitrosodiphenylamine	15.674	169	171608	4.723	ng	97
67) 4-Bromophenyl-phenylether	16.351	248	66000	4.612	ng	95
68) Hexachlorobenzene	16.468	284	78506	4.759	ng	99
69) Atrazine	16.627	200	58110	4.433	ng	99
71) Phenanthrene	17.198	178	317954	4.764	ng	99
72) Anthracene	17.292	178	314149	4.651	ng	99
73) Carbazole	17.574	167	268774	4.586	ng	99
74) Di-n-butylphthalate	18.127	149	327178	4.688	ng	100
75) Fluoranthene	19.221	202	348593	4.449	ng	99
78) Pyrene	19.586	202	366473	4.593	ng	99
80) Butylbenzylphthalate	20.480	149	138827	4.646	ng	97
81) Benzo(a)anthracene	21.380	228	363641	4.648	ng	99
82) 3,3'-Dichlorobenzidine	21.315	252	123375	4.119	ng	# 95
83) Chrysene	21.445	228	343085	4.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	206231	4.620	ng	96
85) Di-n-octyl phthalate	22.427	149	346799	4.711	ng	98
87) Indeno(1,2,3-cd)pyrene	27.803	276	373944	4.364	ng	# 87
88) Benzo(b)fluoranthene	23.456	252	324395	4.338	ng	99
89) Benzo(k)fluoranthene	23.515	252	350374m	4.631	ng	
90) Benzo(a)pyrene	24.262	252	314608	4.492	ng	98
91) Dibenzo(a,h)anthracene	27.856	278	303557	4.346	ng	98
92) Benzo(g,h,i)perylene	28.862	276	306571	4.585	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

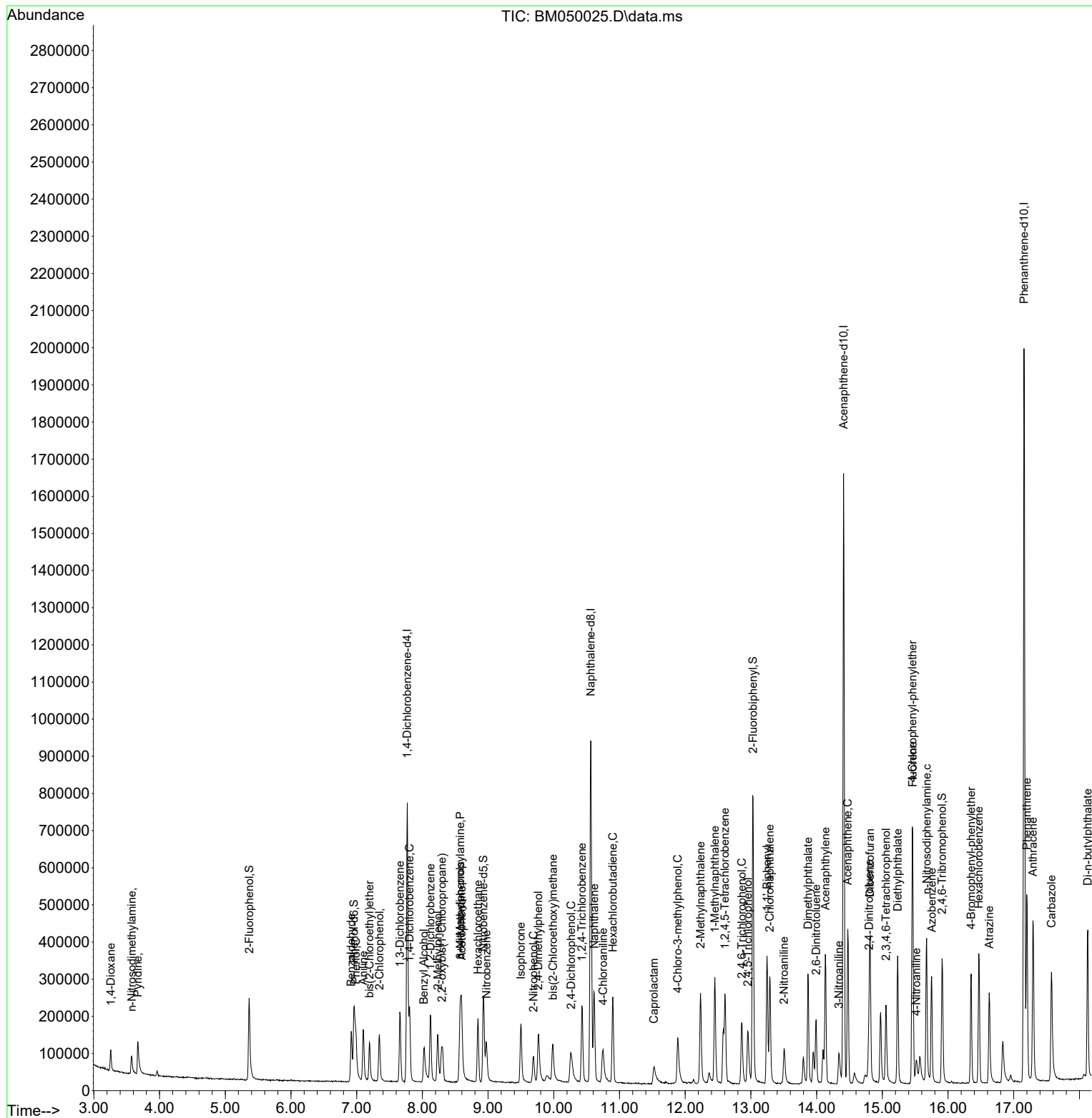
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



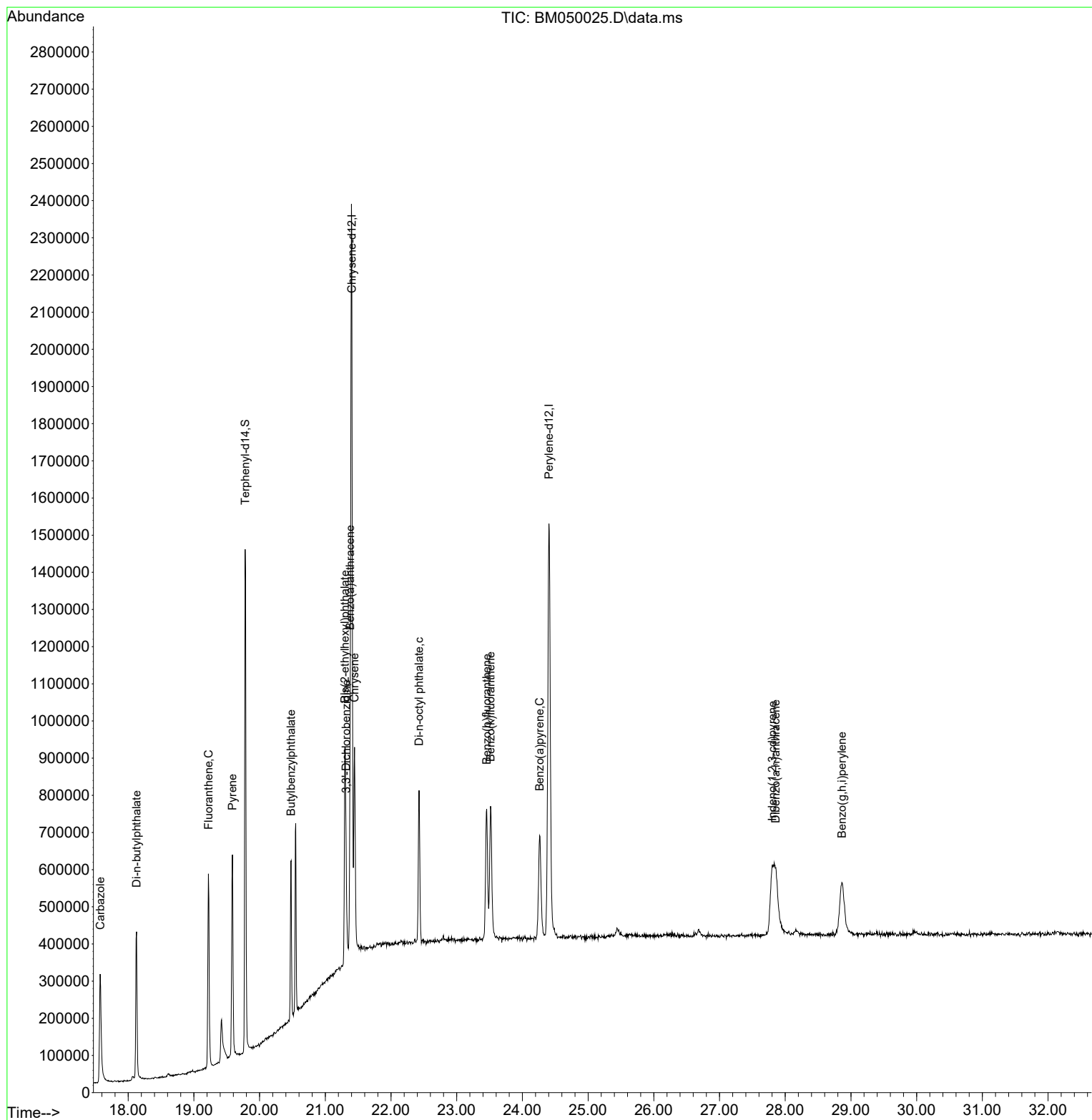
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

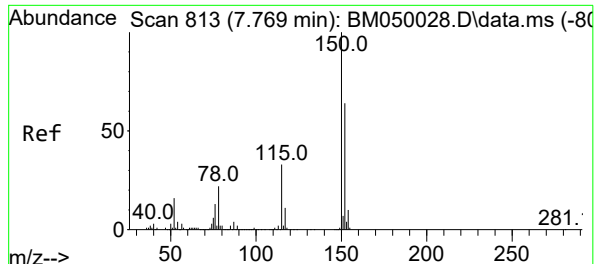
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

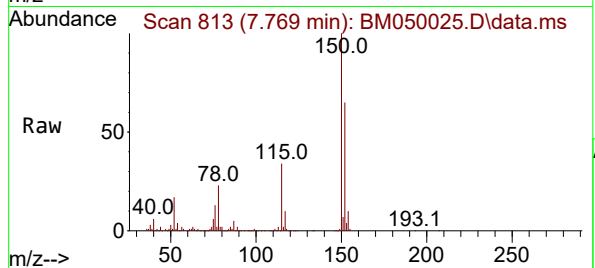
Quant Time: Apr 28 17:53:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

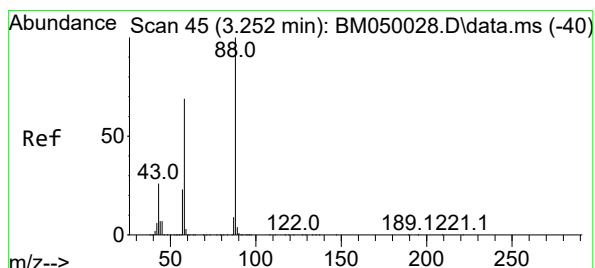
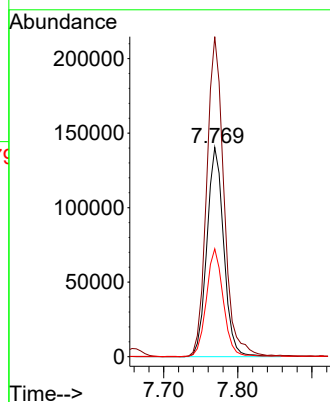
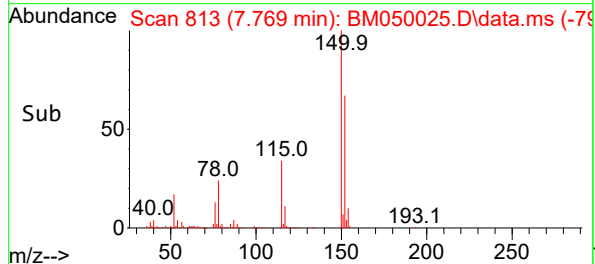
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 22242
Ion Ratio Lower Upper
152 100
150 152.9 124.1 186.1
115 51.5 41.2 61.8

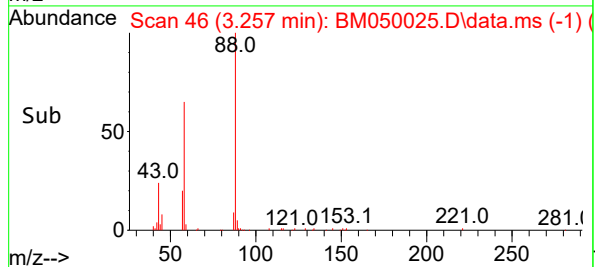
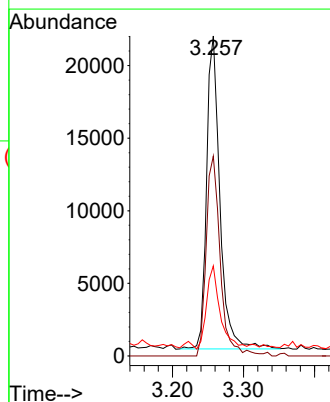
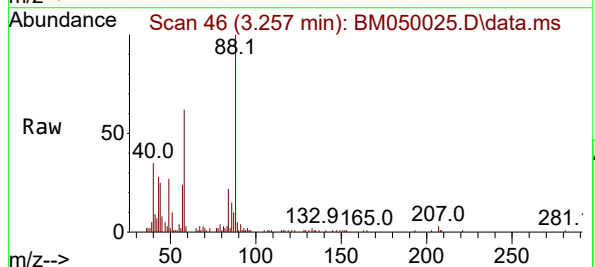
Manual Integrations
APPROVED

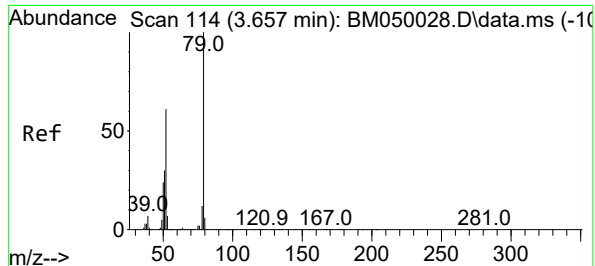
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 5.171 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

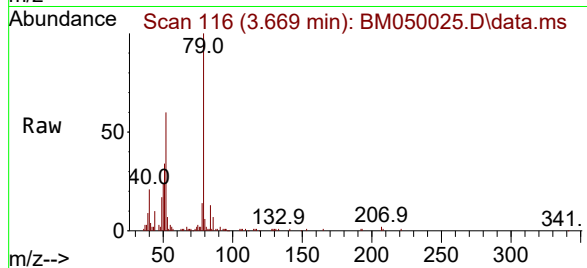
Tgt Ion: 88 Resp: 28163
Ion Ratio Lower Upper
88 100
58 67.8 55.1 82.7
43 27.3 20.9 31.3





#3
Pyridine
Concen: 4.771 ng
RT: 3.669 min Scan# 114
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

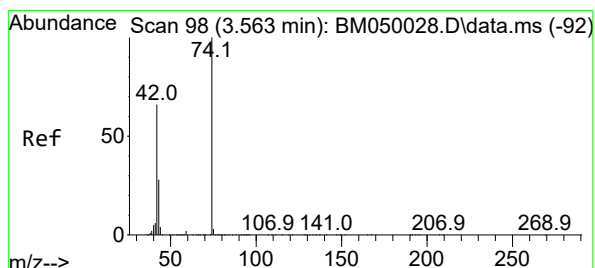
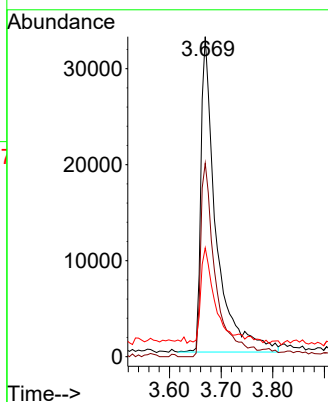
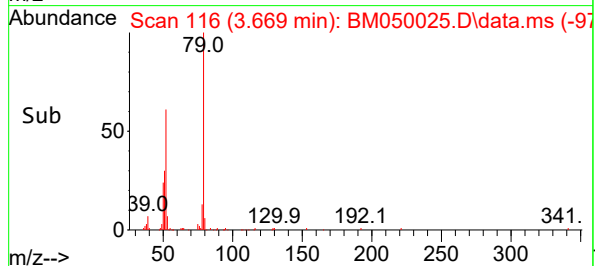
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 66760
Ion Ratio Lower Upper
79 100
52 60.5 48.6 72.8
51 34.0 24.6 37.0

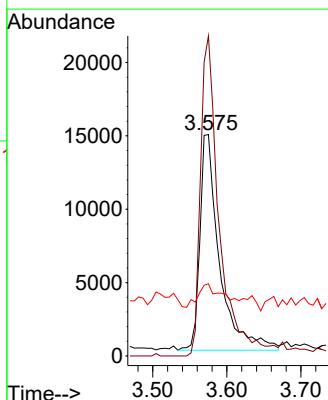
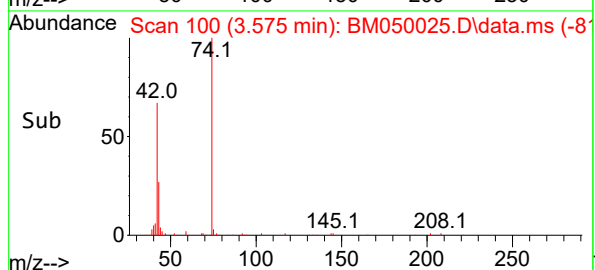
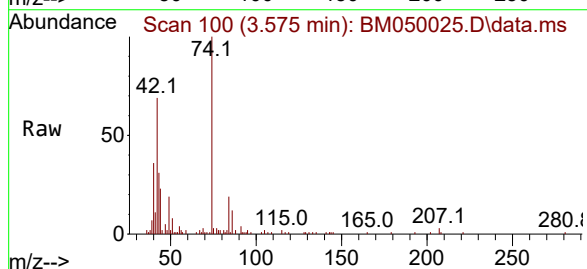
Manual Integrations
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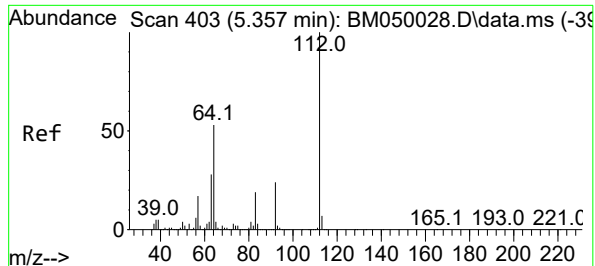
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 42 Resp: 27060
Ion Ratio Lower Upper
42 100
74 144.5 120.2 180.2
44 32.5 6.2 9.2#





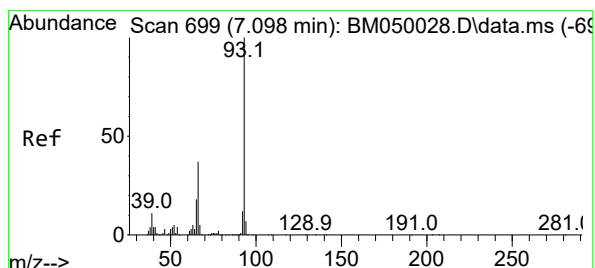
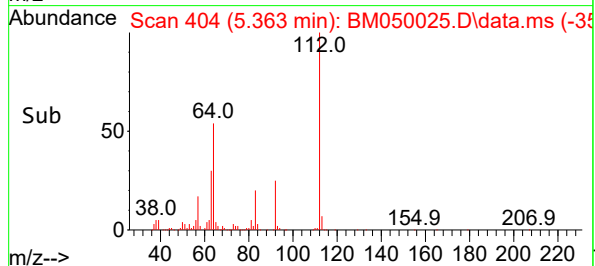
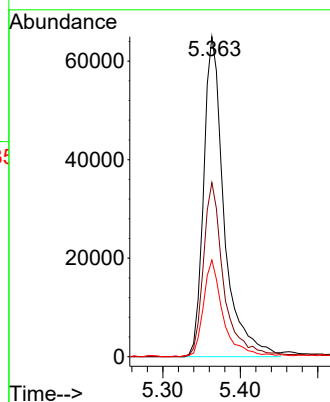
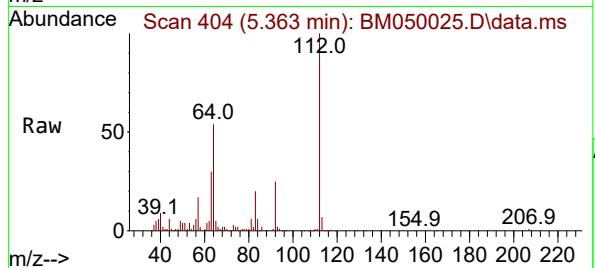
#5
2-Fluorophenol
Concen: 9.406 ng
RT: 5.363 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 112 Resp: 11947
Ion Ratio Lower Upper
112 100
64 54.4 42.6 64.0
63 30.2 22.2 33.4

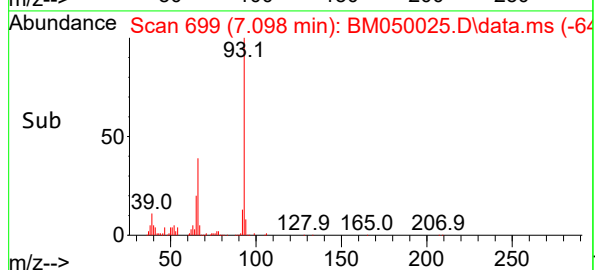
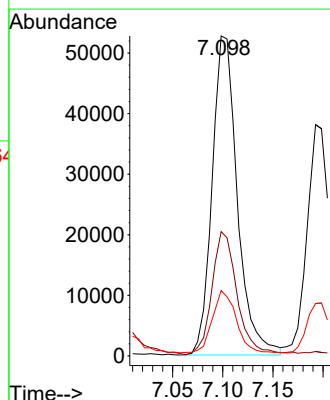
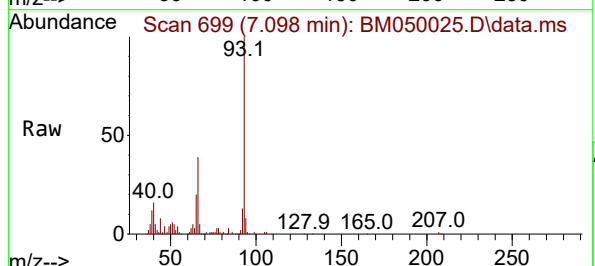
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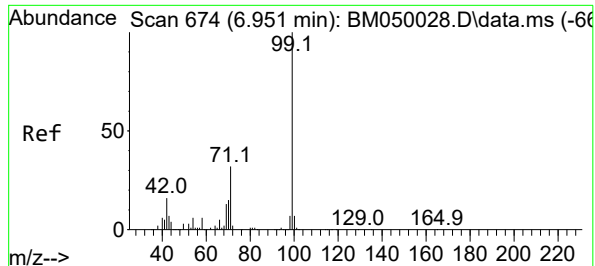
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#6
Aniline
Concen: 4.570 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 92126
Ion Ratio Lower Upper
93 100
66 38.9 29.9 44.9
65 20.5 14.5 21.7





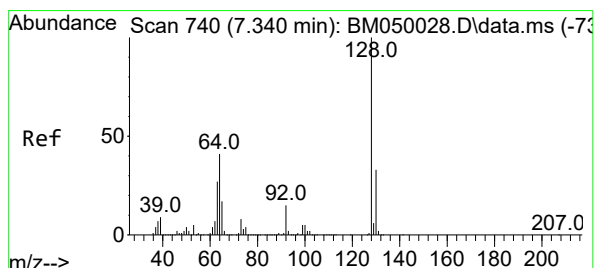
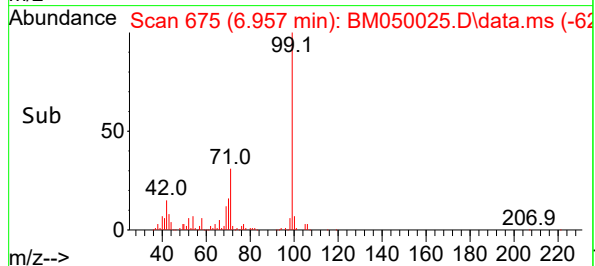
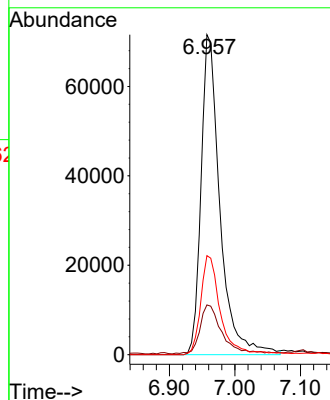
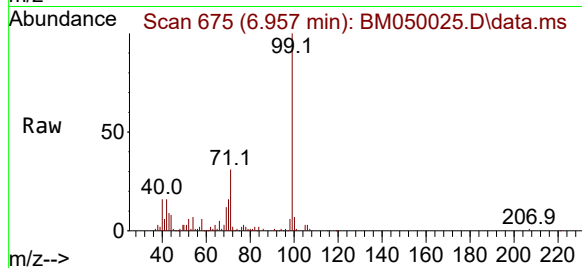
#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 14345
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 30.9 25.6 38.4

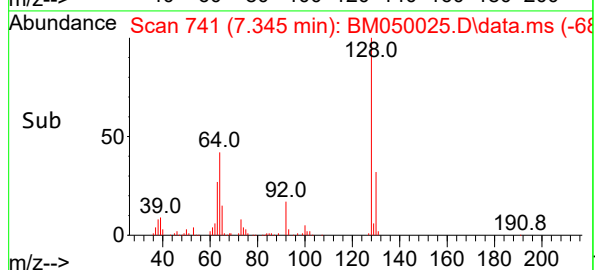
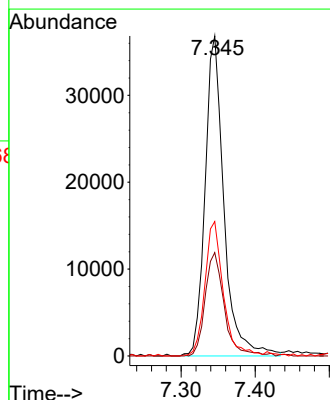
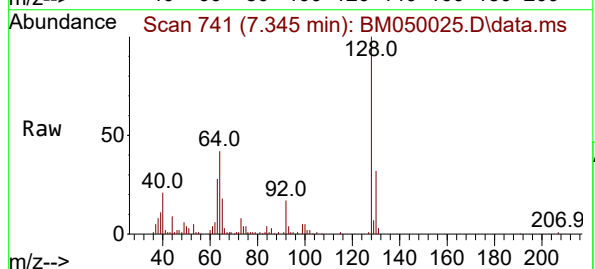
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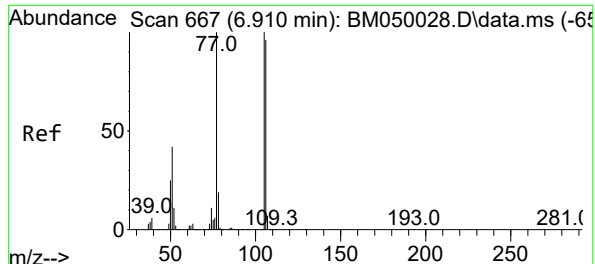
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 4.733 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 64999
Ion Ratio Lower Upper
128 100
130 32.3 12.8 52.8
64 42.0 21.2 61.2





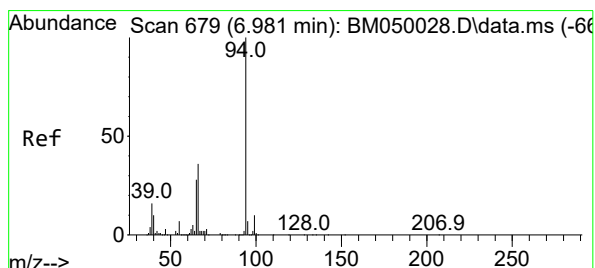
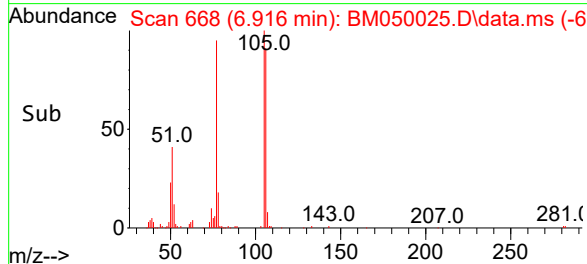
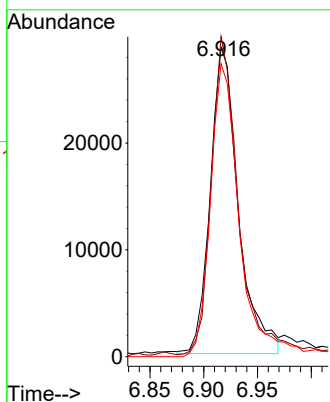
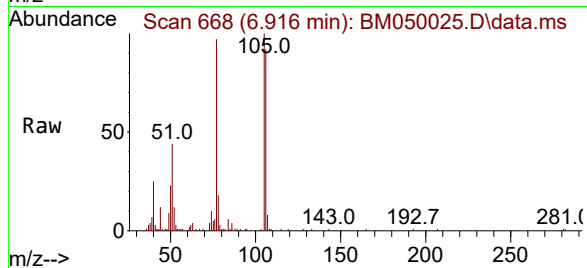
#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 52280
Ion Ratio Lower Upper
77 100
105 103.4 80.5 120.5
106 94.6 76.1 116.1

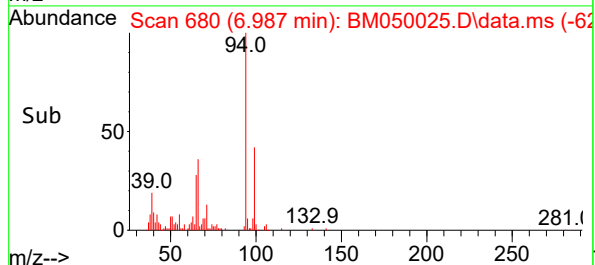
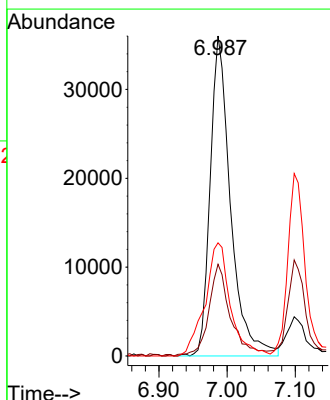
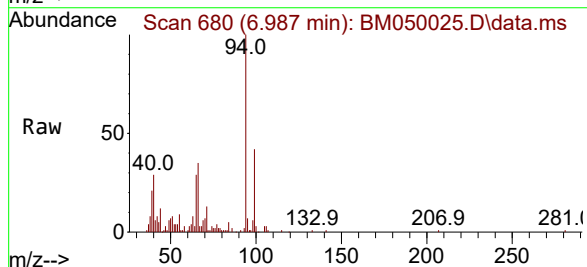
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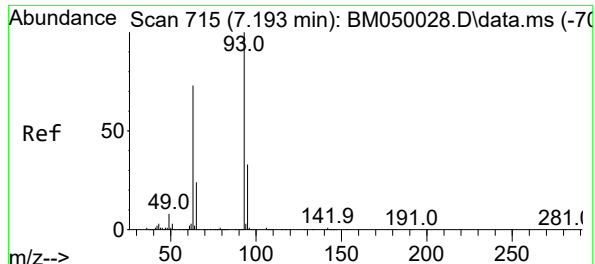
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 4.641 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 94 Resp: 75011
Ion Ratio Lower Upper
94 100
65 28.6 7.6 47.6
66 35.3 15.8 55.8





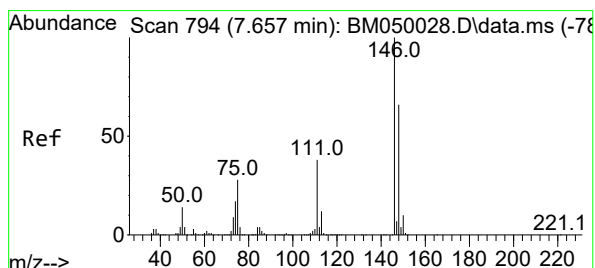
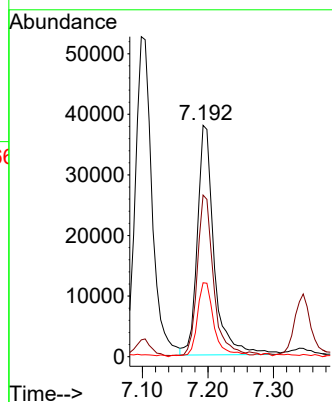
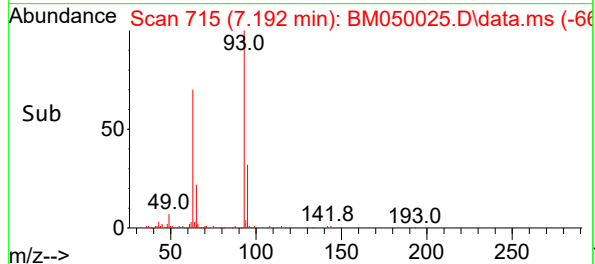
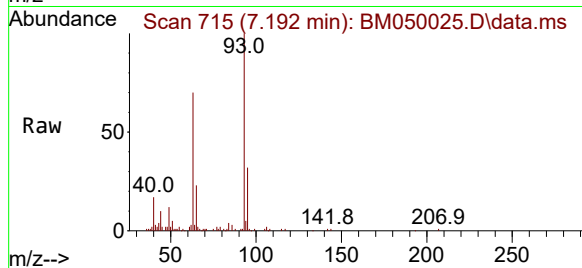
#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 6744
Ion Ratio Lower Upper
93 100
63 69.8 52.3 92.3
95 32.0 12.8 52.8

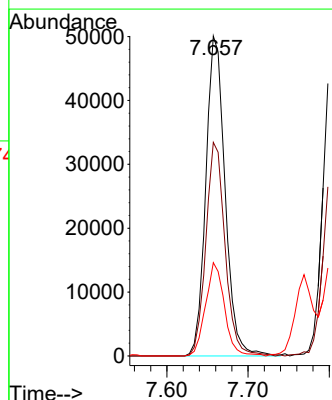
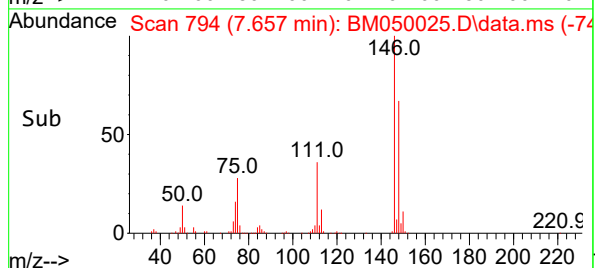
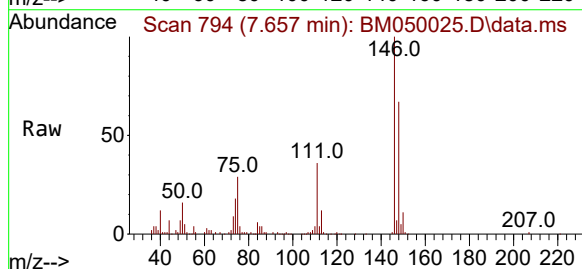
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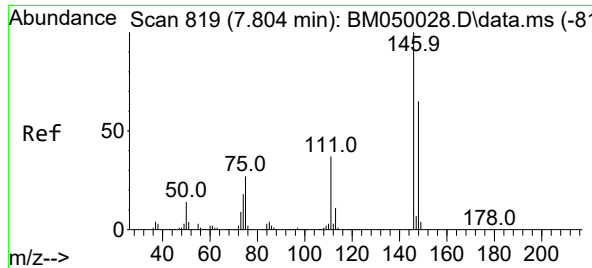
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 4.971 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 82466
Ion Ratio Lower Upper
146 100
148 66.8 52.5 78.7
75 29.2 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 5.064 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

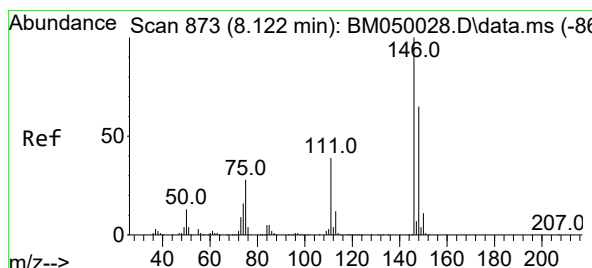
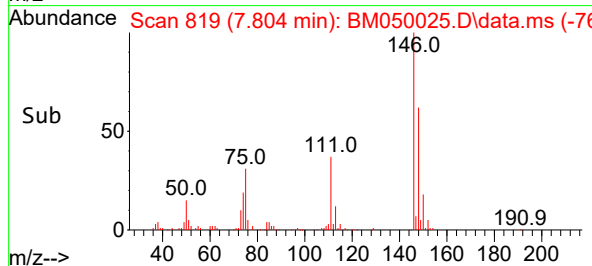
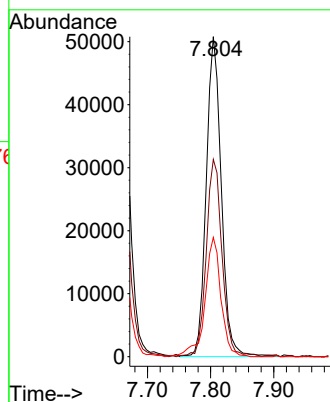
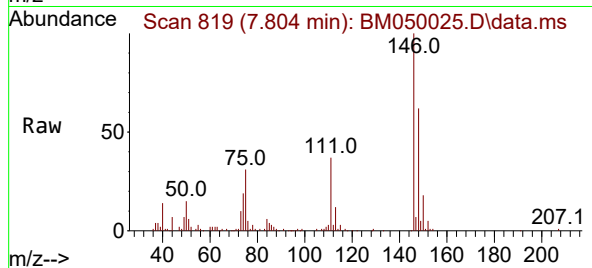
Tgt Ion	146	Resp	84400
Ion Ratio	Lower	Upper	
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 4.905 ng

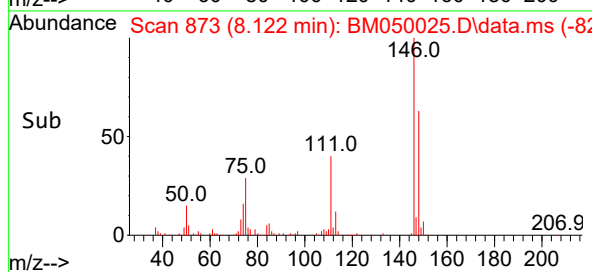
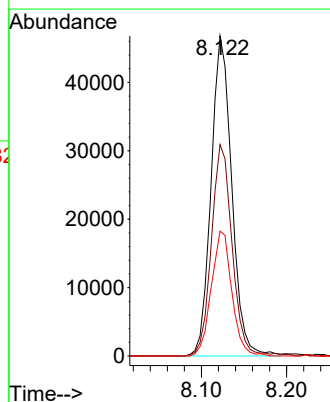
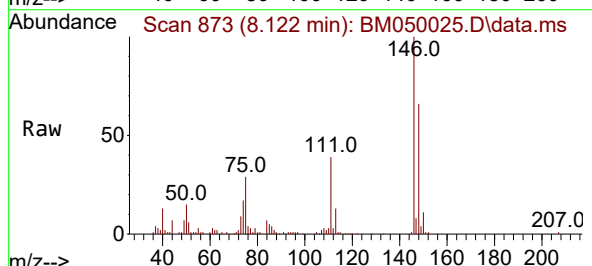
RT: 8.122 min Scan# 873

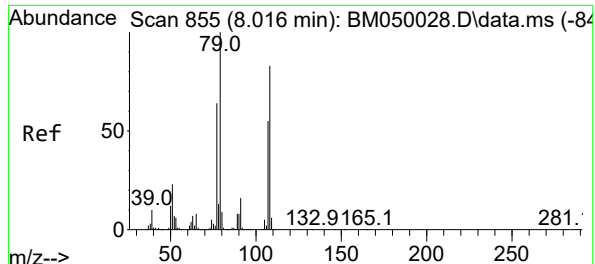
Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Tgt Ion	146	Resp	78966
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.4	78.6
111	39.0	31.0	46.6





#15

Benzyl Alcohol

Concen: 4.352 ng

RT: 8.022 min Scan# 8

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 48180

Ion Ratio Lower Upper

79 100

108 75.4 66.0 99.0

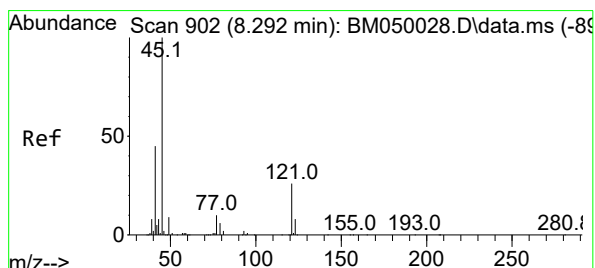
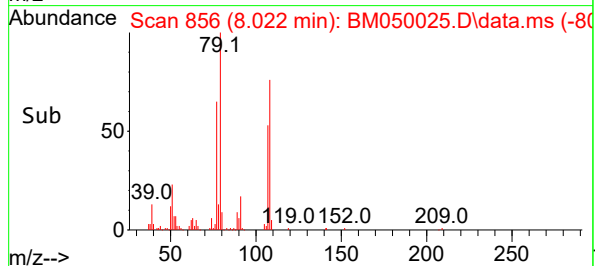
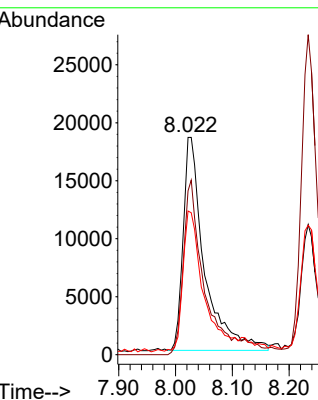
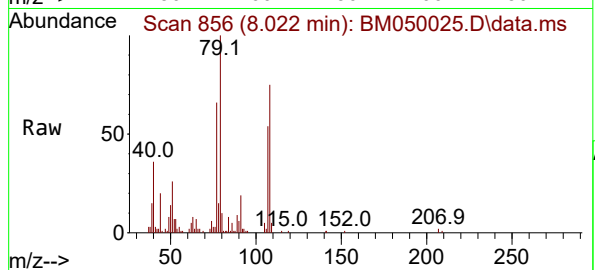
77 66.1 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.042 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

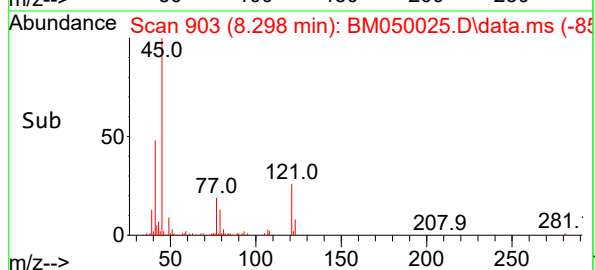
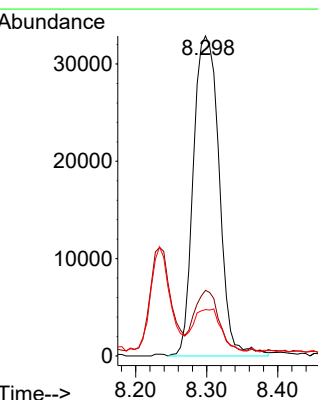
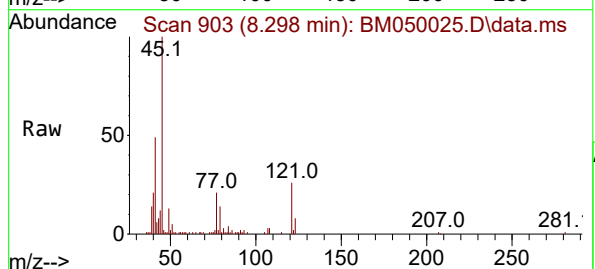
Tgt Ion: 45 Resp: 82711

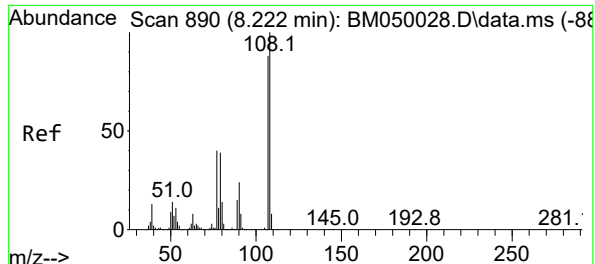
Ion Ratio Lower Upper

45 100

77 20.5 0.0 36.4

79 14.5 0.0 32.7





#17

2-Methylphenol

Concen: 4.474 ng

RT: 8.234 min Scan# 890

Delta R.T. 0.012 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:107 Resp: 4763

Ion Ratio Lower Upper

107 100

108 112.6 91.1 136.7

77 45.6 36.2 54.4

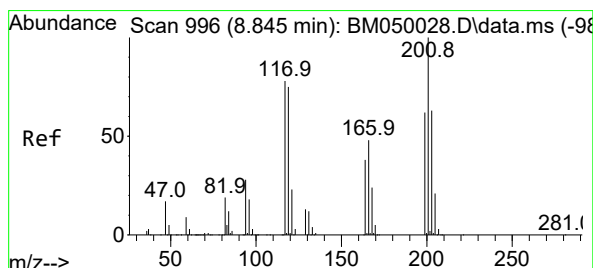
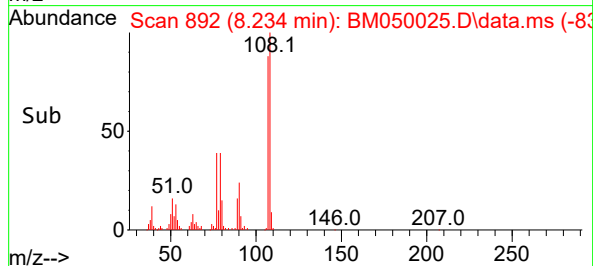
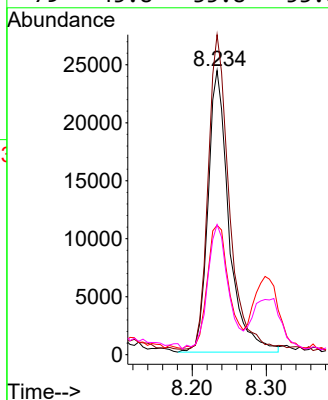
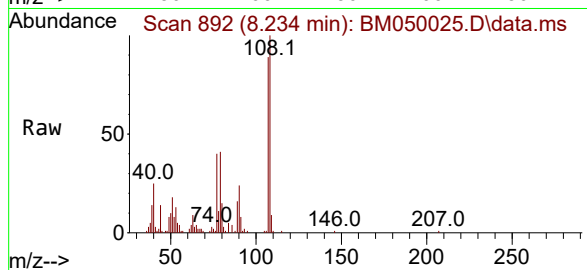
79 45.8 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 5.185 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

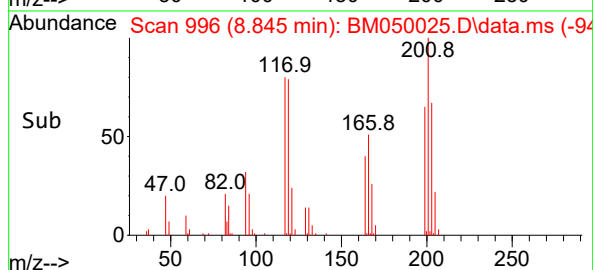
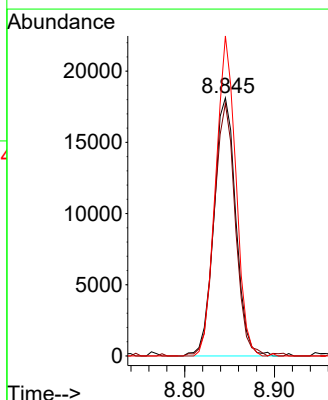
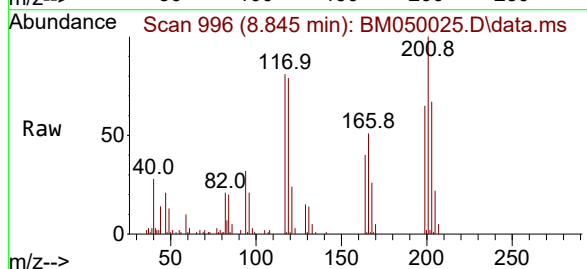
Tgt Ion:117 Resp: 30717

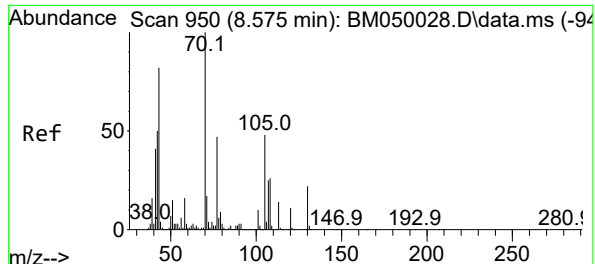
Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

201 124.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 4.830 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion: 70 Resp: 4945

Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 8.2 7.8 11.6

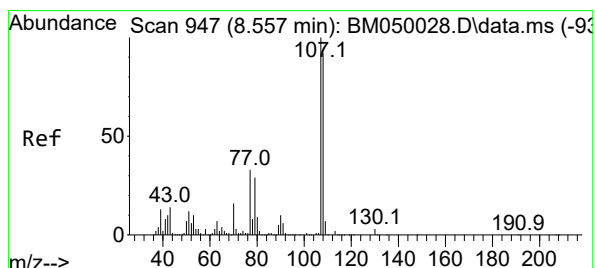
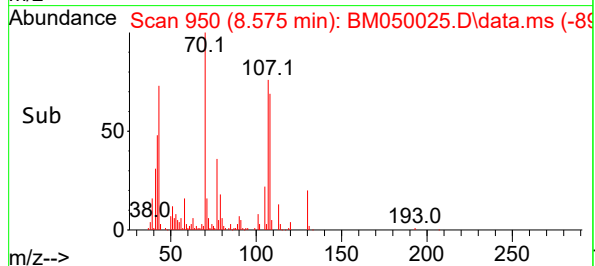
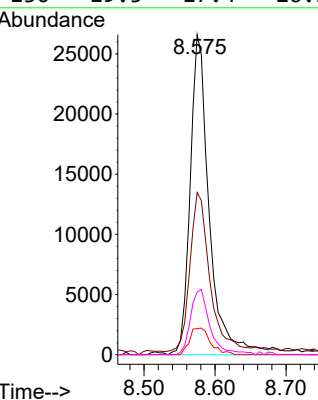
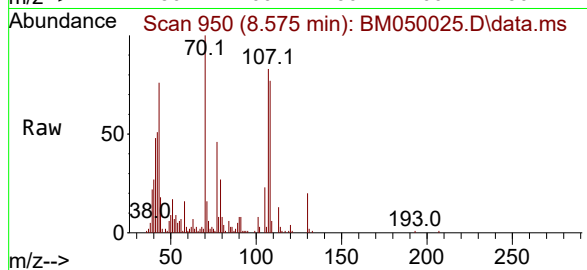
130 19.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 4.397 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.018 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

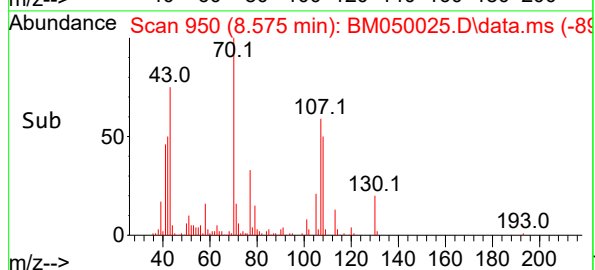
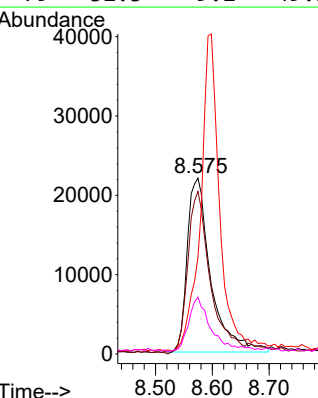
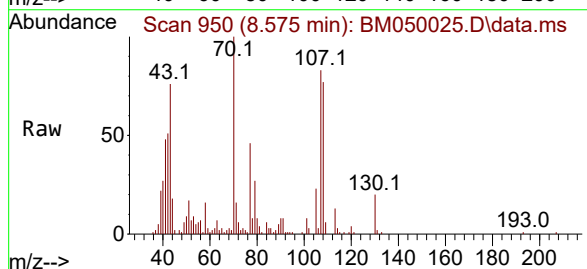
Ion Ratio Lower Upper

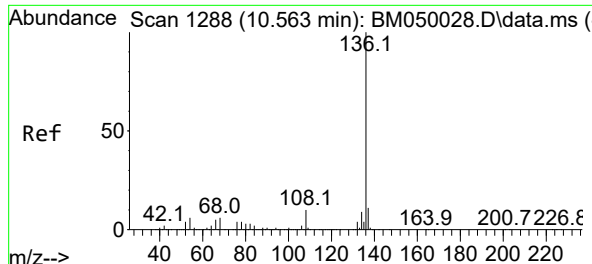
107 100

108 92.4 72.4 112.4

77 55.1 13.6 53.6#

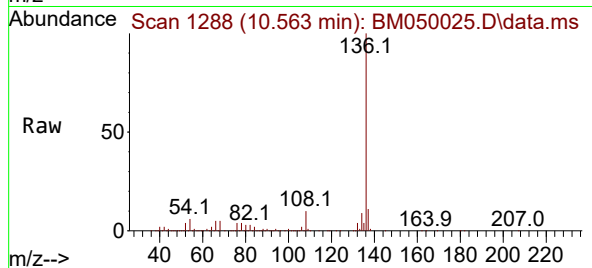
79 32.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

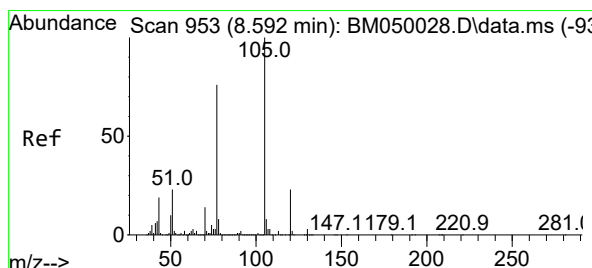
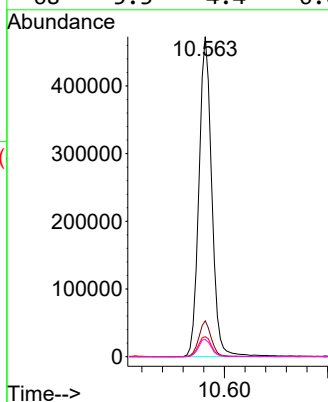
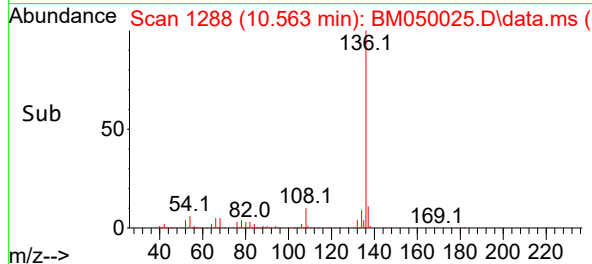
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 815362
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.3 5.1 7.7
68 5.3 4.4 6.6

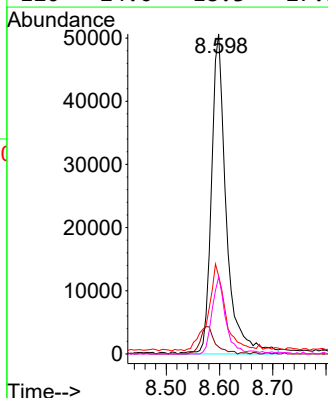
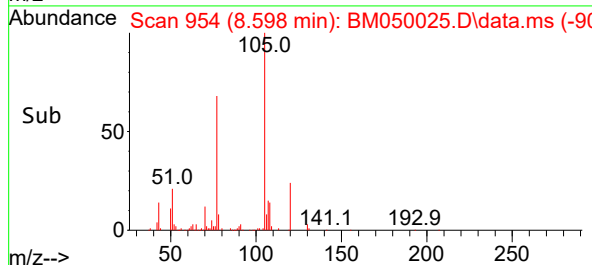
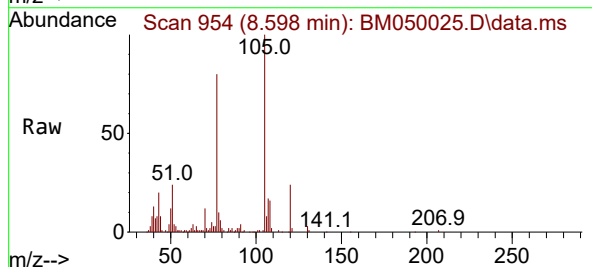
Manual Integrations
APPROVED

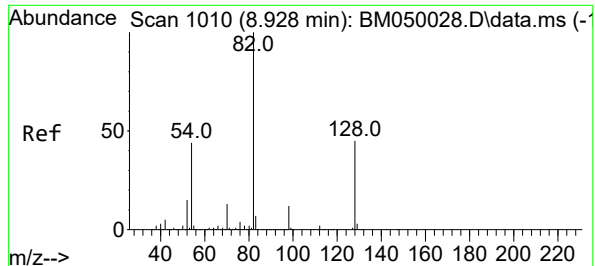
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 4.852 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

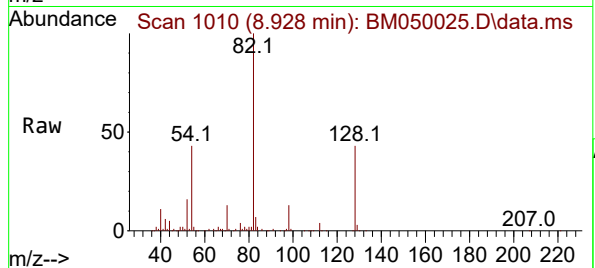
Tgt Ion:105 Resp: 98358
Ion Ratio Lower Upper
105 100
71 2.2 1.7 2.5
51 24.3 18.6 27.8
120 24.0 18.3 27.5





#23
Nitrobenzene-d5
Concen: 9.502 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

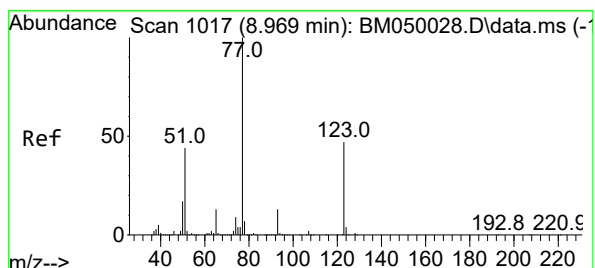
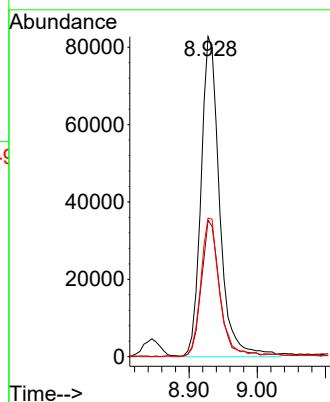
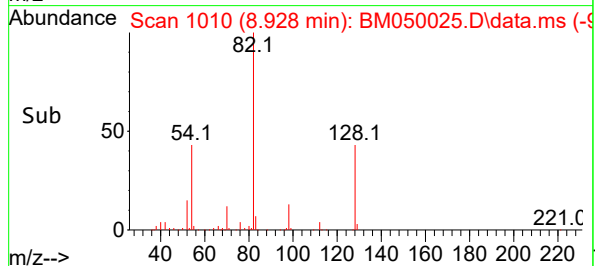
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 15722
Ion Ratio Lower Upper
82 100
128 42.6 35.7 53.5
54 43.3 35.4 53.2

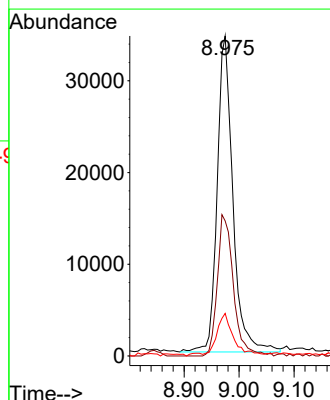
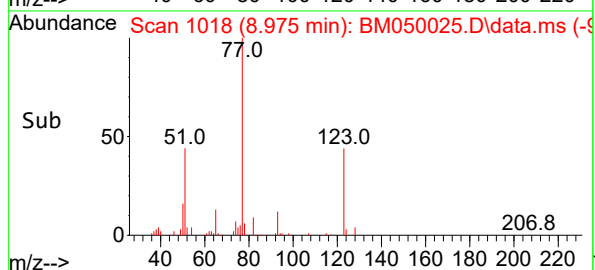
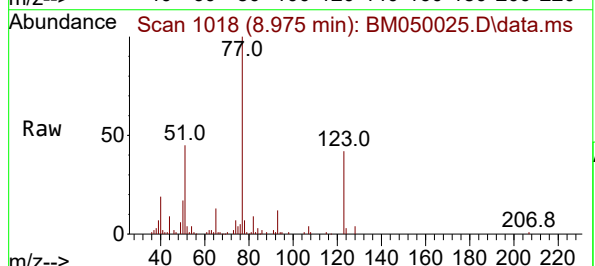
Manual Integrations
APPROVED

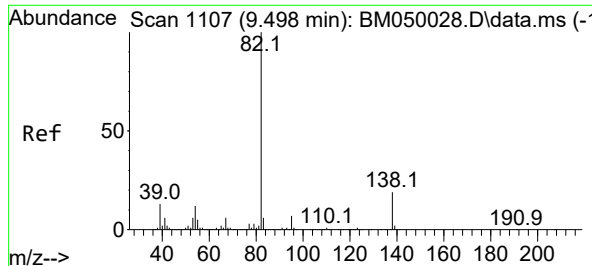
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 4.795 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

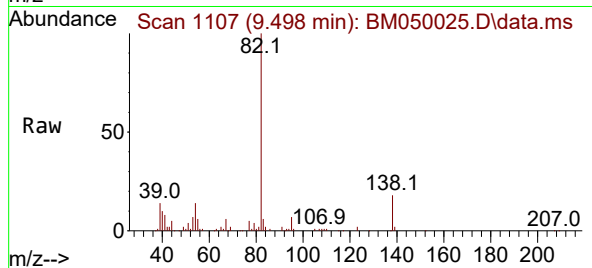
Tgt Ion: 77 Resp: 68598
Ion Ratio Lower Upper
77 100
123 42.2 37.9 56.9
65 13.3 10.1 15.1





#25
Isophorone
Concen: 4.816 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

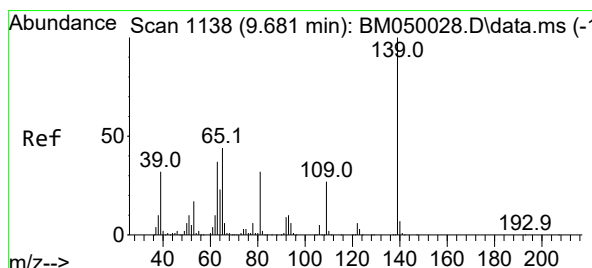
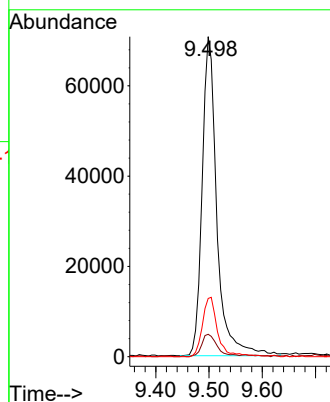
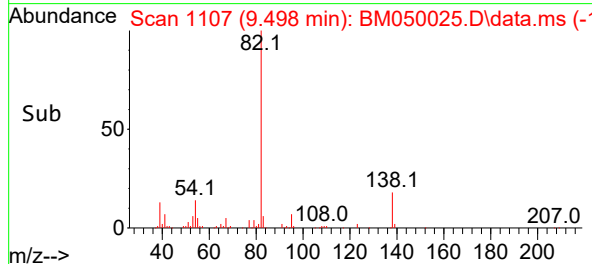
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 82 Resp: 135828
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.2 15.5 23.3

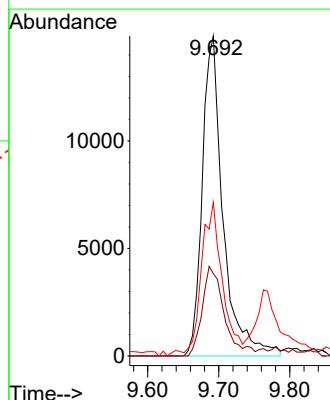
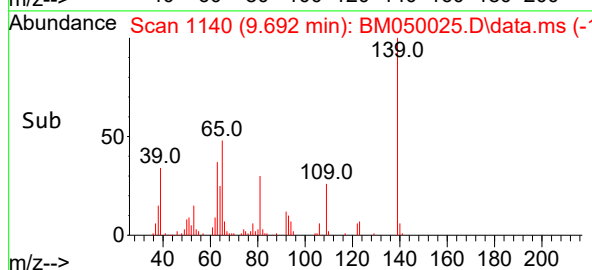
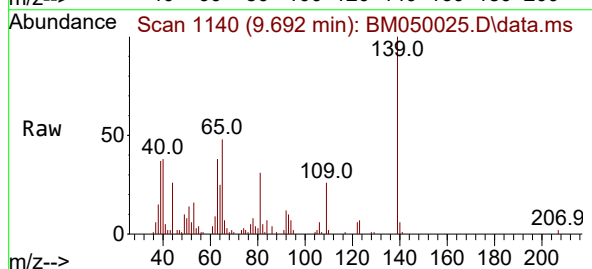
Manual Integrations
APPROVED

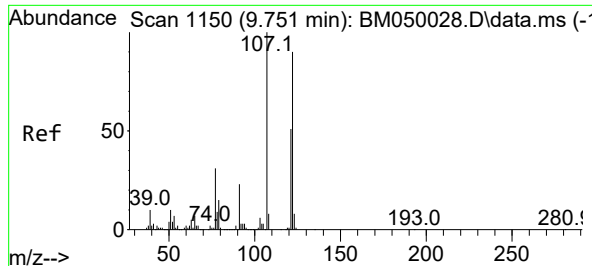
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 4.140 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

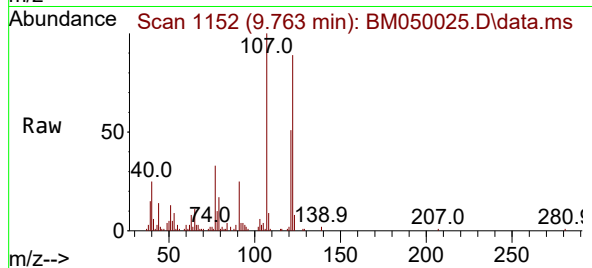
Tgt Ion:139 Resp: 30257
Ion Ratio Lower Upper
139 100
109 25.8 21.9 32.9
65 48.0 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 4.427 ng
RT: 9.763 min Scan# 1150
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

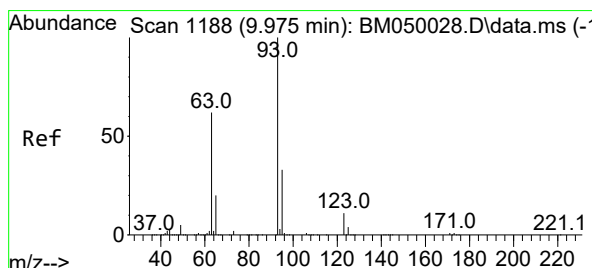
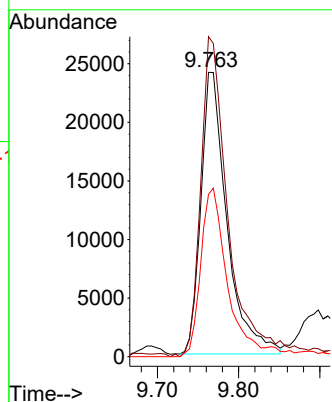
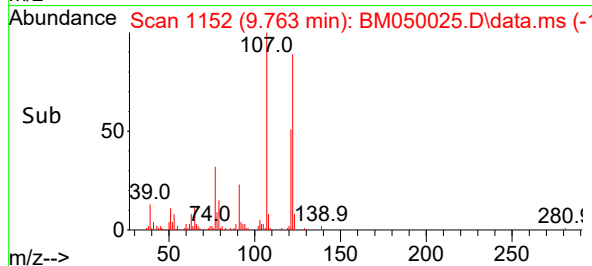
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:122 Resp: 53660
Ion Ratio Lower Upper
122 100
107 112.5 89.0 133.6
121 57.0 45.6 68.4

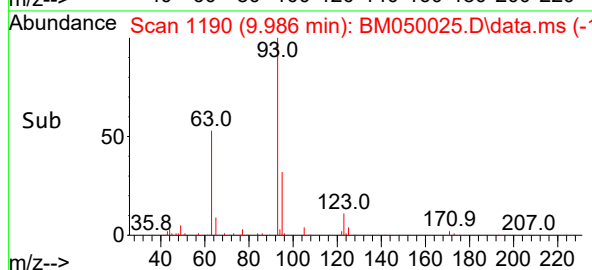
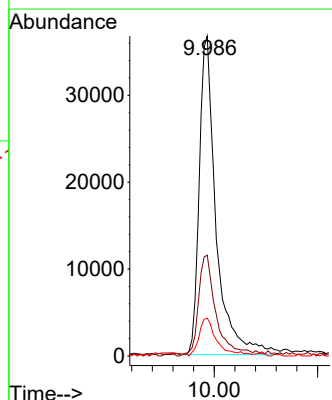
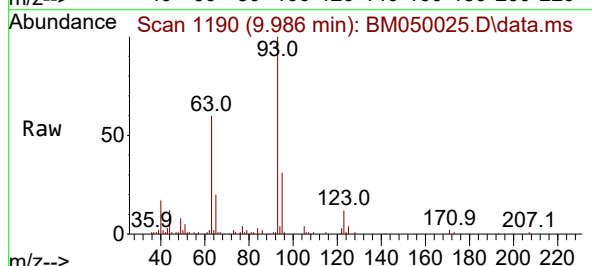
Manual Integrations
APPROVED

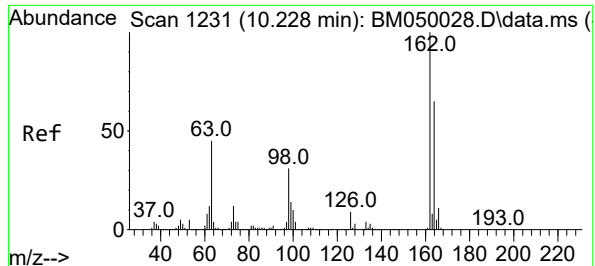
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.758 ng
RT: 9.986 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

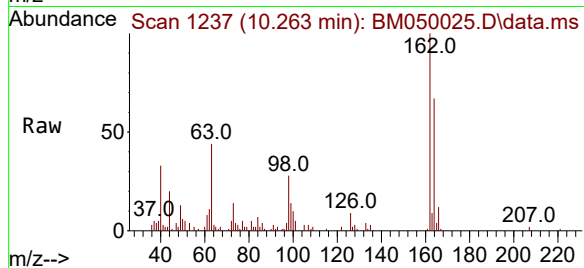
Tgt Ion: 93 Resp: 82947
Ion Ratio Lower Upper
93 100
95 31.5 26.1 39.1
123 11.8 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 4.406 ng
RT: 10.263 min Scan# 1237
Delta R.T. 0.035 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

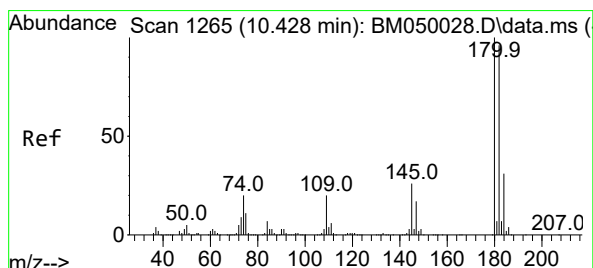
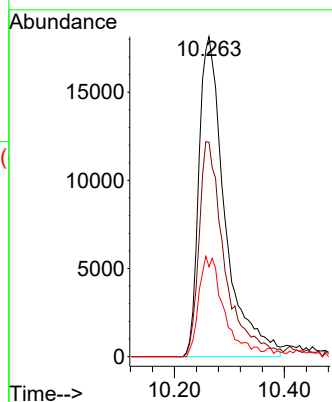
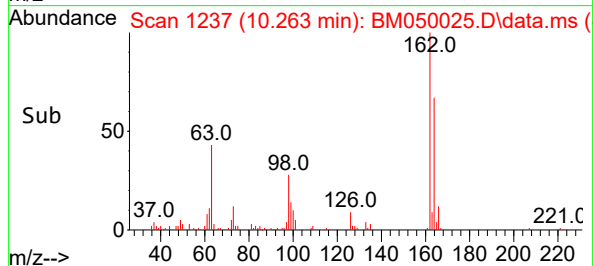
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:162 Resp: 59828
Ion Ratio Lower Upper
162 100
164 67.0 45.4 85.4
98 28.1 11.3 51.3

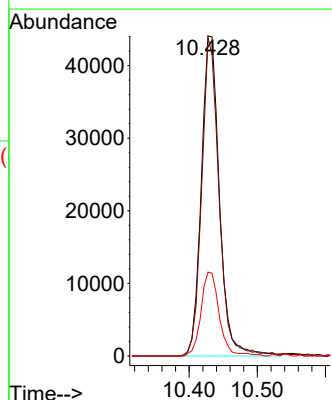
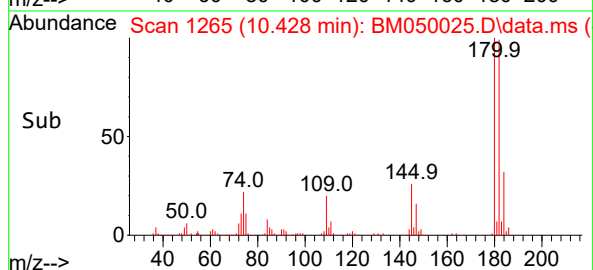
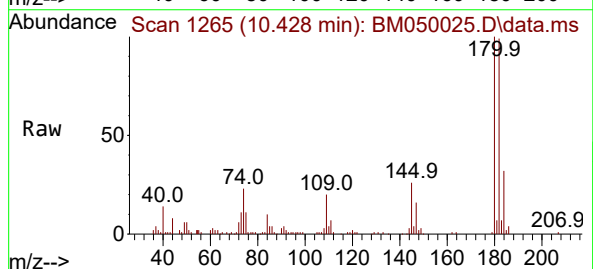
Manual Integrations
APPROVED

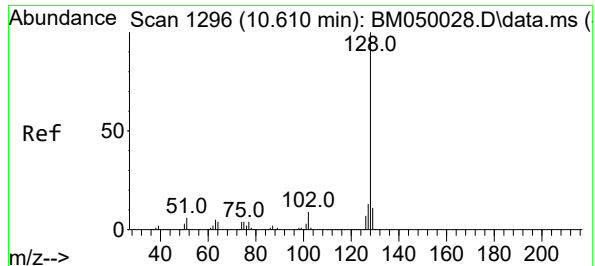
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#30
1,2,4-Trichlorobenzene
Concen: 4.934 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

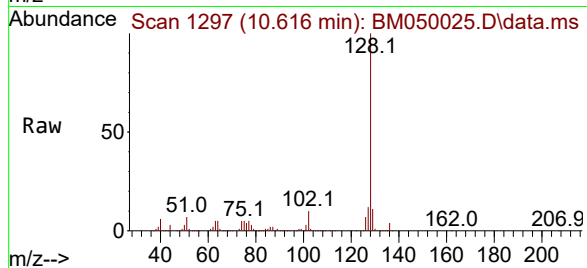
Tgt Ion:180 Resp: 81624
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.4
145 26.2 20.6 30.8





#31
Naphthalene
Concen: 4.944 ng
RT: 10.616 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

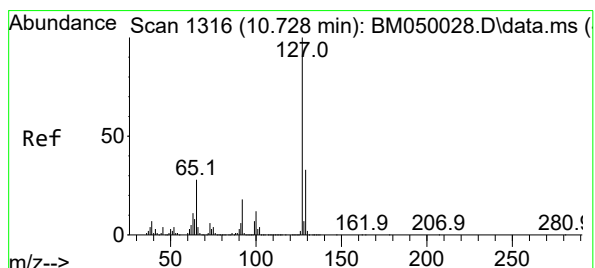
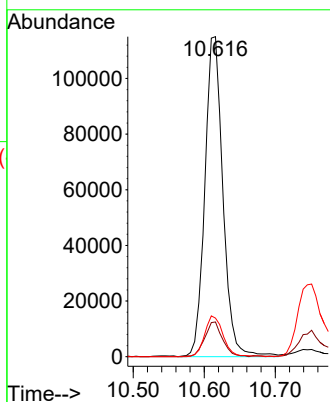
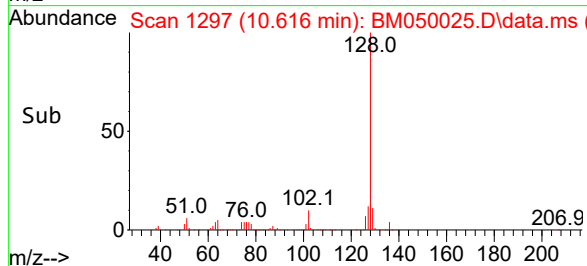
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 20413
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.0 10.4 15.6

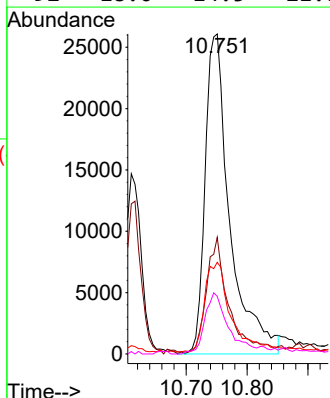
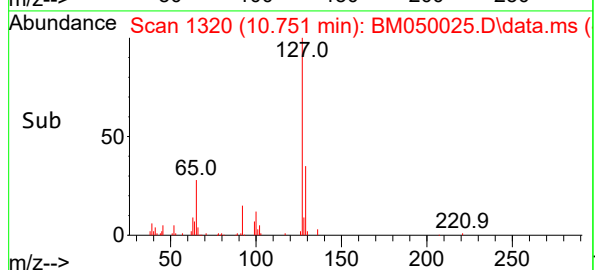
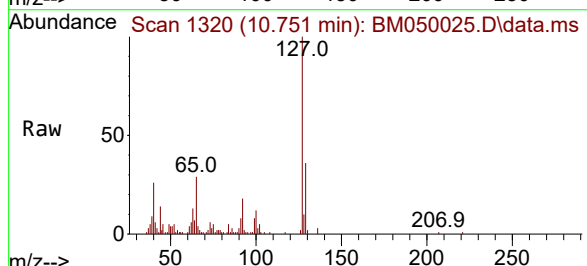
Manual Integrations
APPROVED

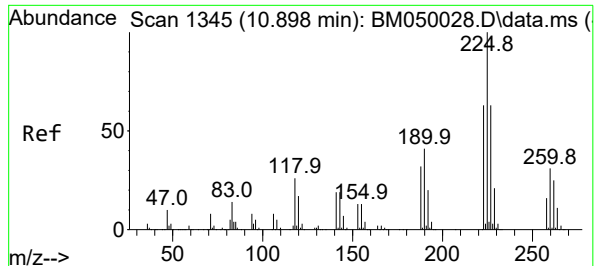
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

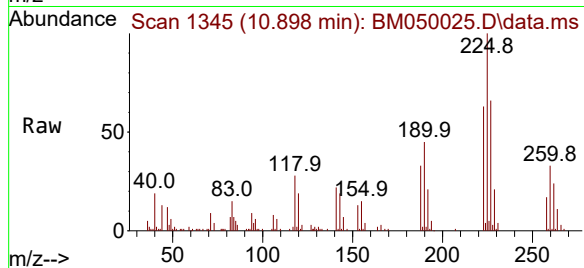
Tgt Ion:127 Resp: 73542
Ion Ratio Lower Upper
127 100
129 36.4 26.3 39.5
65 28.6 22.5 33.7
92 18.0 14.5 21.7





#34
Hexachlorobutadiene
Concen: 4.907 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

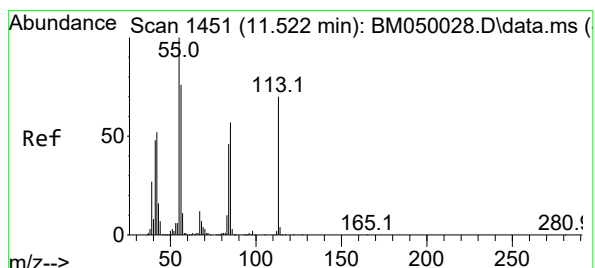
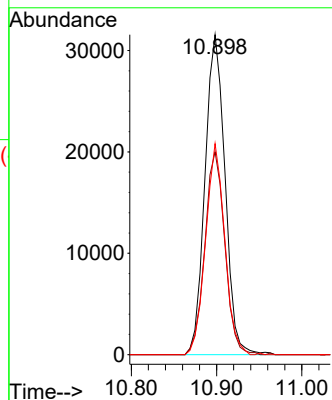
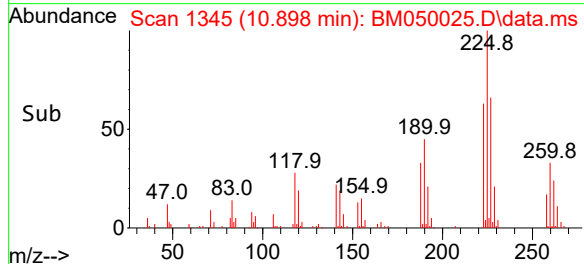
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



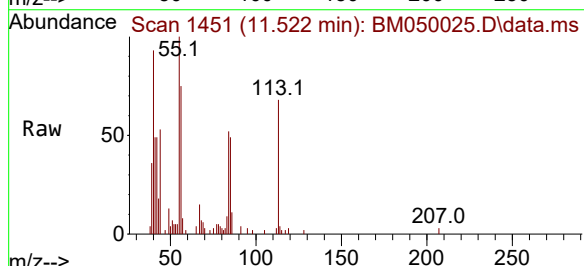
Tgt Ion:225 Resp: 51529
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 65.9 50.6 76.0

Manual Integrations
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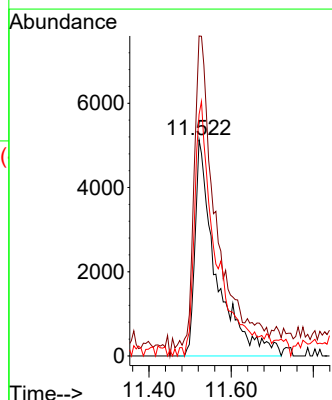
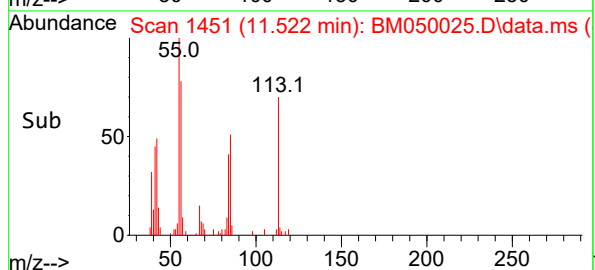
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

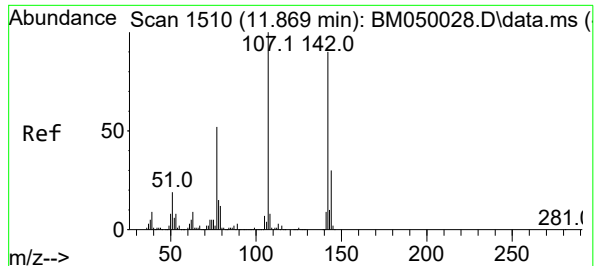


#35
Caprolactam
Concen: 4.634 ng m
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



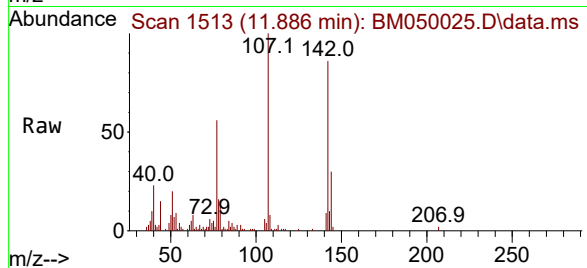
Tgt Ion:113 Resp: 18349
Ion Ratio Lower Upper
113 100
55 148.1 122.9 162.9
56 111.8 88.1 128.1





#36
4-Chloro-3-methylphenol
Concen: 4.690 ng
RT: 11.886 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

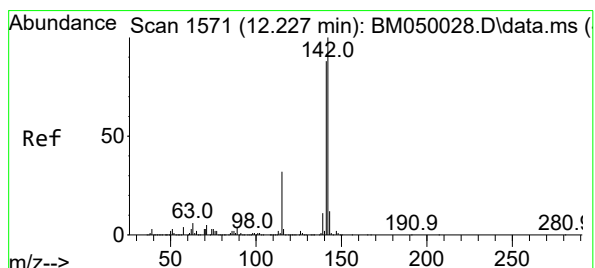
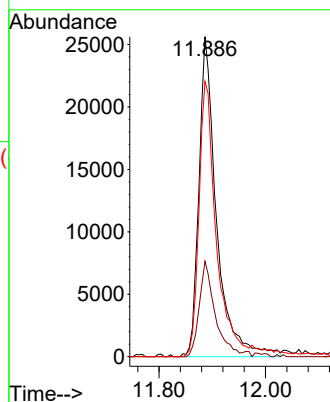
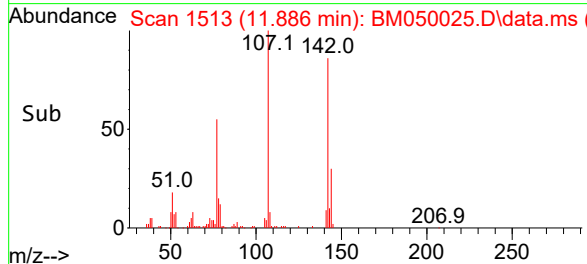
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:107 Resp: 5884
Ion Ratio Lower Upper
107 100
144 29.8 23.8 35.6
142 86.0 71.9 107.9

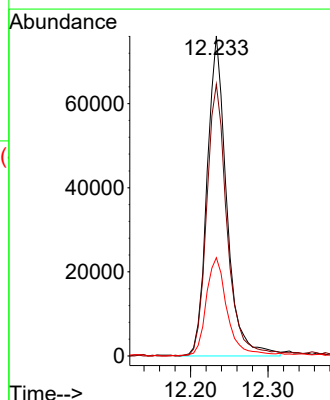
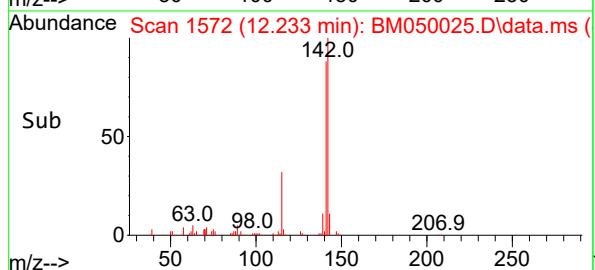
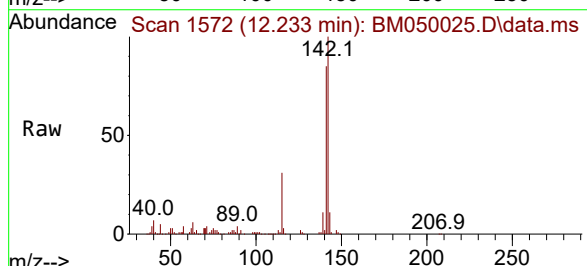
Manual Integrations
APPROVED

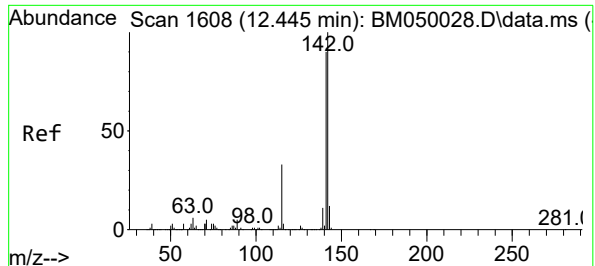
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

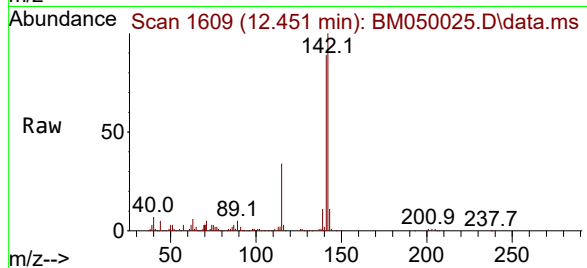
Tgt Ion:142 Resp: 133679
Ion Ratio Lower Upper
142 100
141 84.9 70.4 105.6
115 30.7 25.4 38.2





#38
1-Methylnaphthalene
Concen: 4.892 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

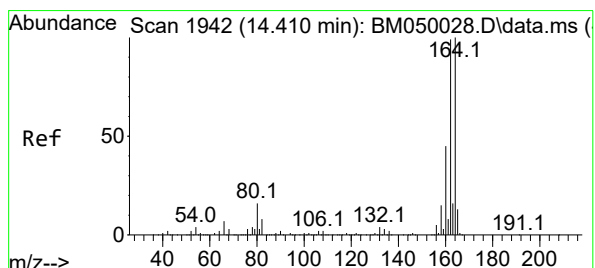
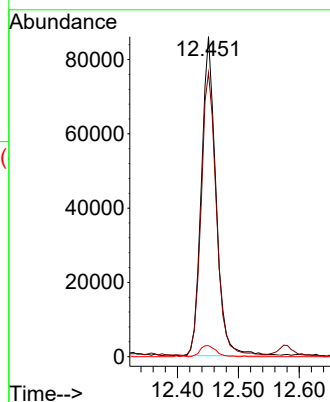
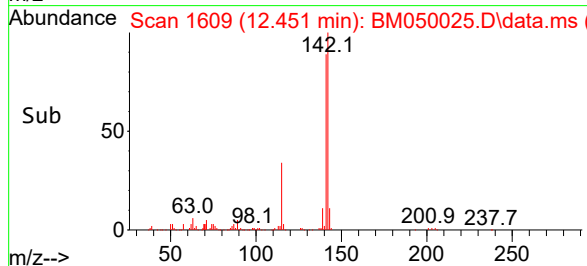
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 143332
Ion Ratio Lower Upper
142 100
141 88.7 72.1 108.1
116 3.5 2.7 4.1

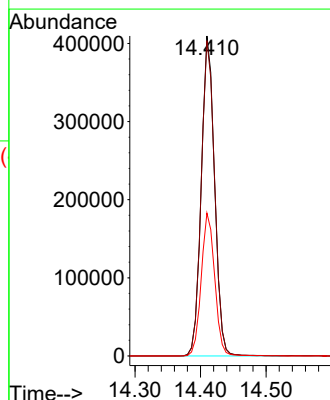
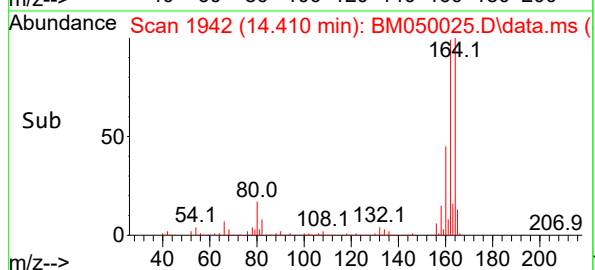
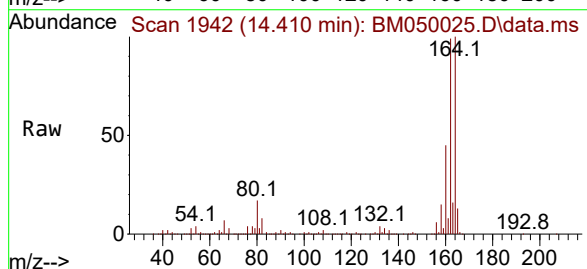
Manual Integrations
APPROVED

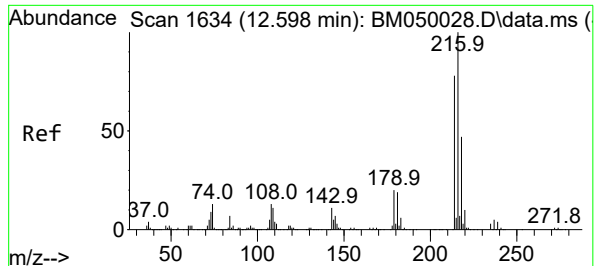
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:164 Resp: 578294
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 44.6 36.2 54.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.504 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:216 Resp: 9016

Ion Ratio Lower Upper

216 100

214 79.1 62.3 93.5

179 20.2 15.4 23.0

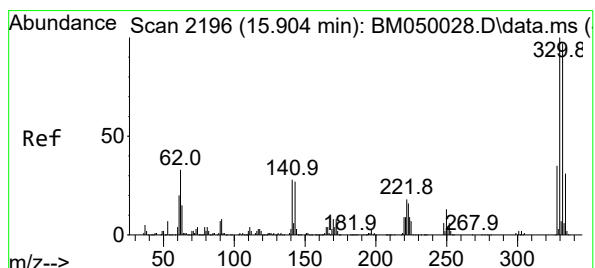
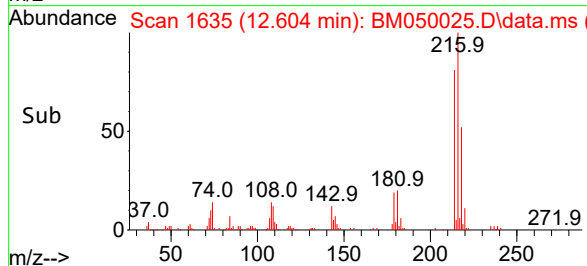
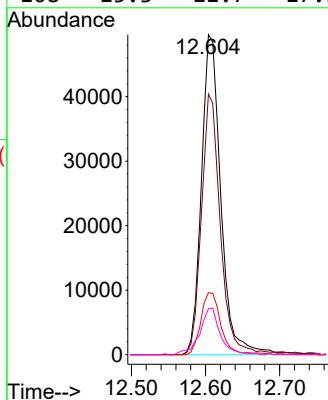
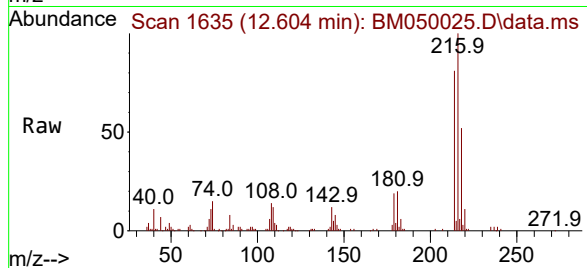
108 15.3 11.7 17.5

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#42

2,4,6-Tribromophenol

Concen: 8.560 ng

RT: 15.910 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

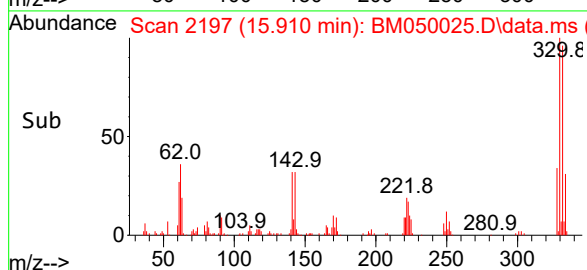
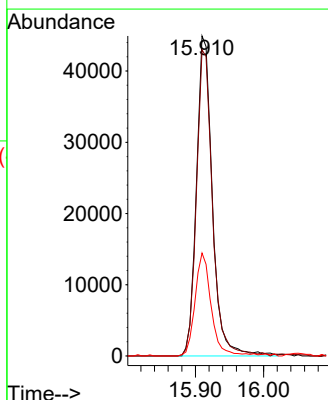
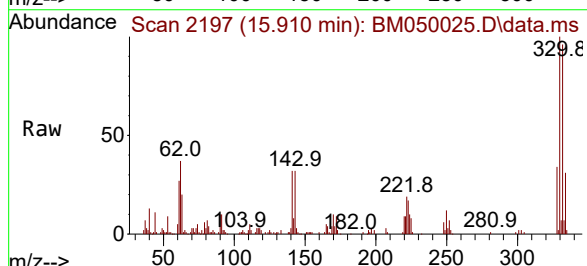
Tgt Ion:330 Resp: 73192

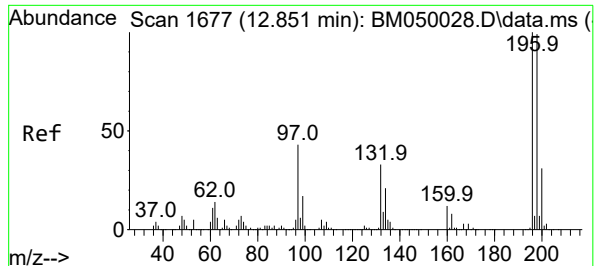
Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 32.6 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 4.233 ng

RT: 12.863 min Scan# 1678

Delta R.T. 0.012 min

Lab File: BM050025.D

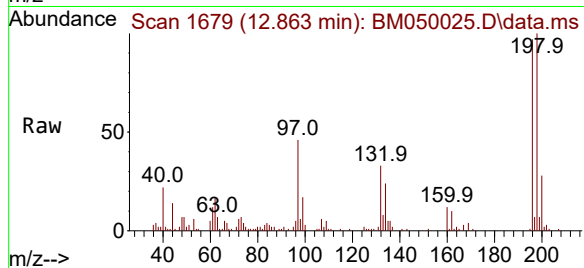
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 5374

Ion Ratio Lower Upper

196 100

198 102.6 79.0 118.6

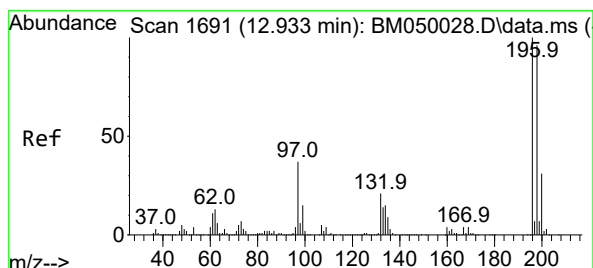
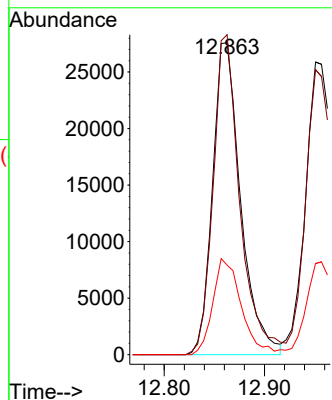
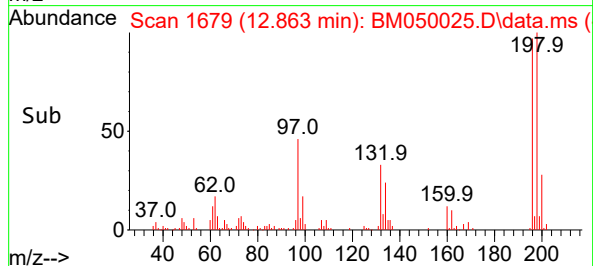
200 28.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

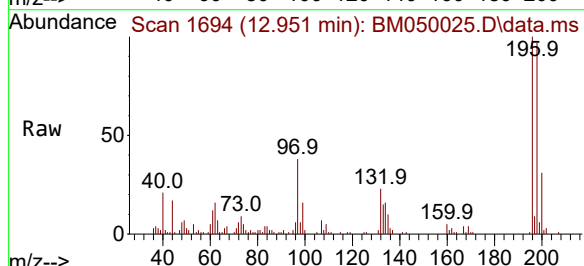
Concen: 4.325 ng

RT: 12.951 min Scan# 1694

Delta R.T. 0.018 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



Tgt Ion:196 Resp: 59224

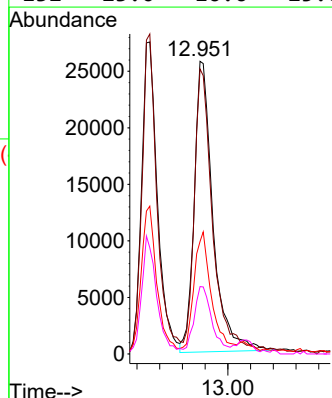
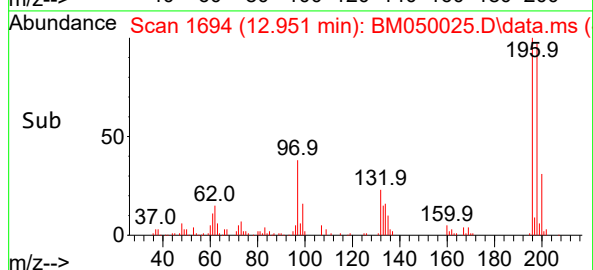
Ion Ratio Lower Upper

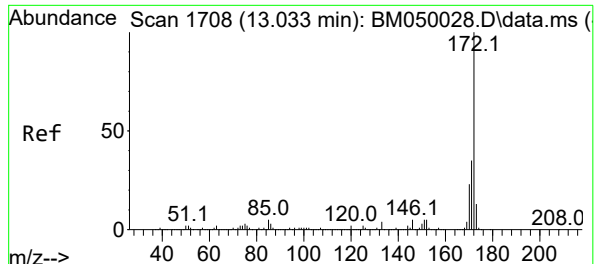
196 100

198 97.4 76.7 115.1

97 38.4 30.1 45.1

132 23.0 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 9.390 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050025.D

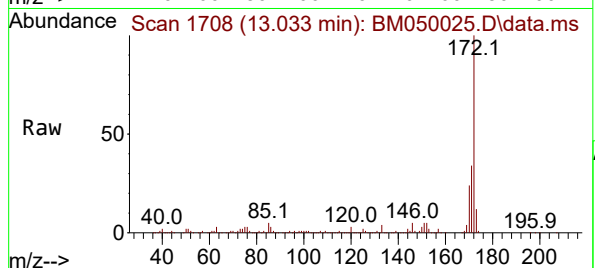
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:172 Resp: 45903

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

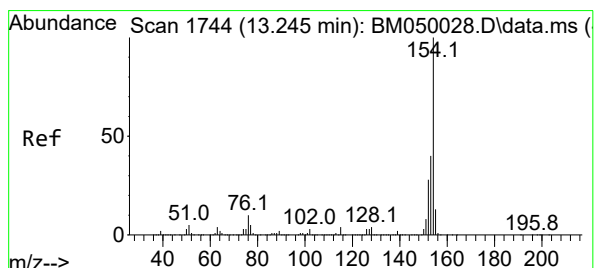
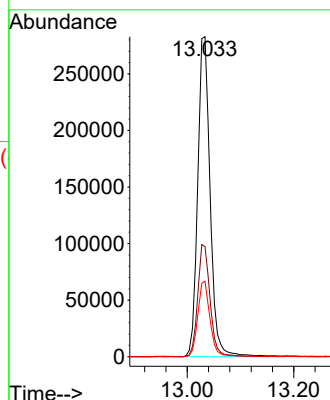
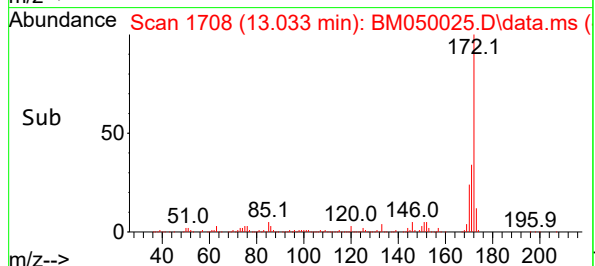
170 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

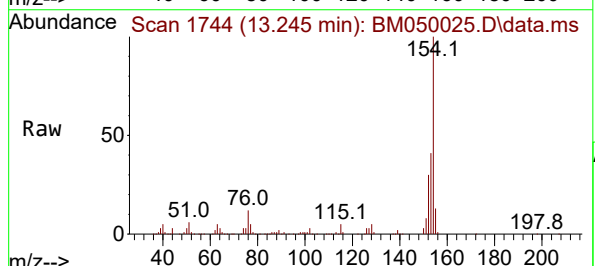
Concen: 4.799 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09



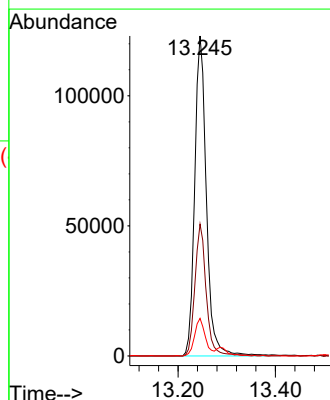
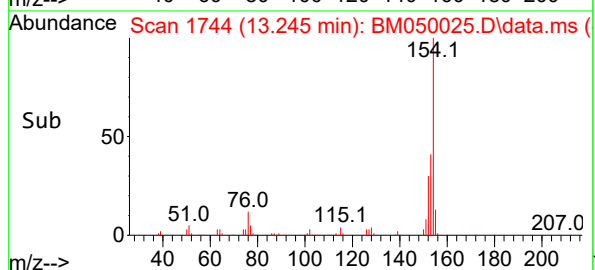
Tgt Ion:154 Resp: 206296

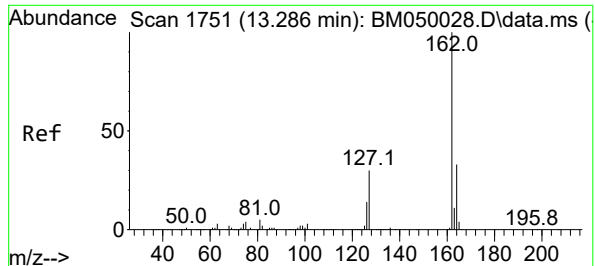
Ion Ratio Lower Upper

154 100

153 41.2 20.0 60.0

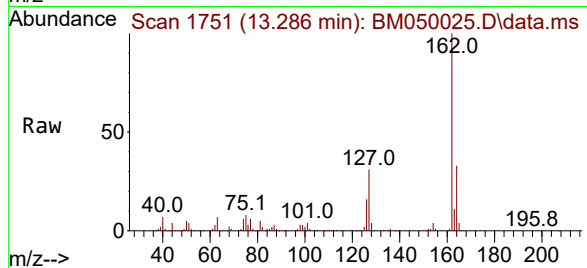
76 11.8 0.0 30.3





#47
2-Chloronaphthalene
Concen: 4.782 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

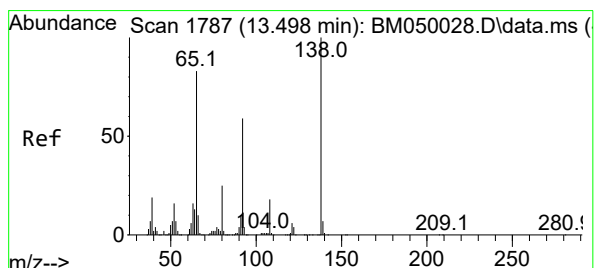
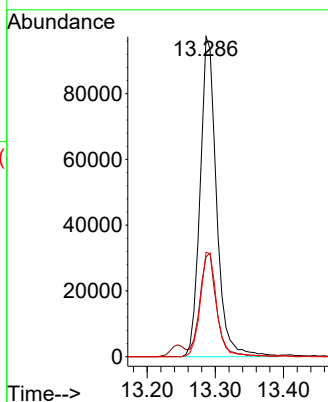
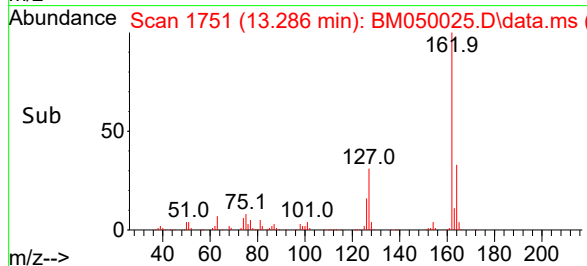
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



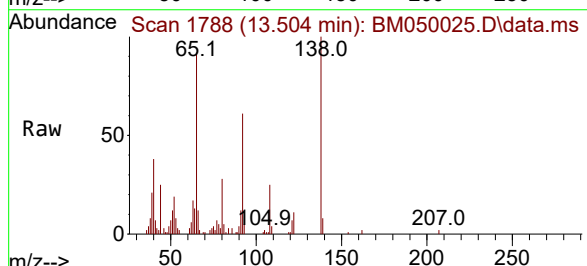
Tgt Ion:162 Resp: 16280
Ion Ratio Lower Upper
162 100
127 31.2 25.9 38.9
164 32.6 26.6 40.0

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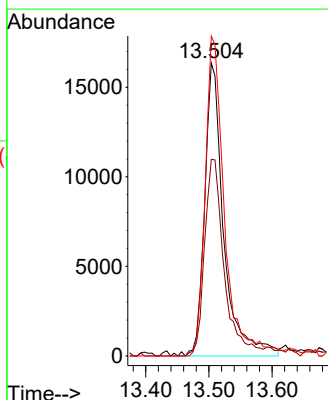
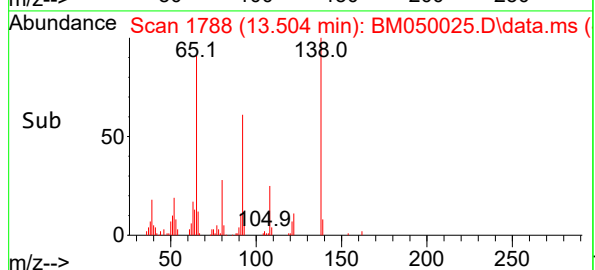
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

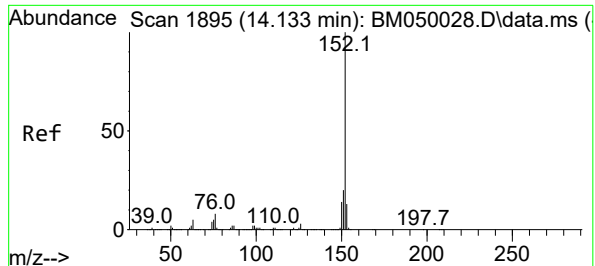


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



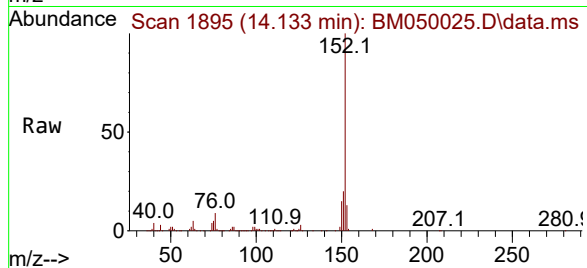
Tgt Ion: 65 Resp: 34348
Ion Ratio Lower Upper
65 100
92 67.1 57.1 85.7
138 109.2 97.0 145.4





#49
Acenaphthylene
Concen: 4.832 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

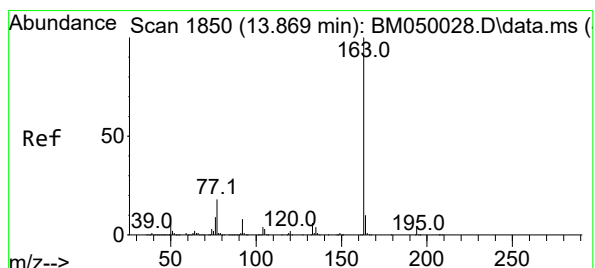
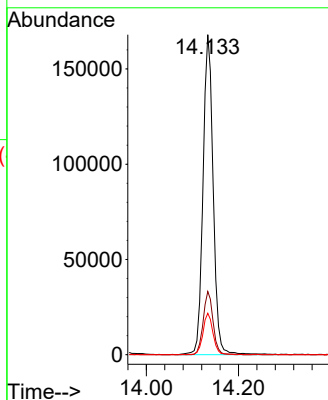
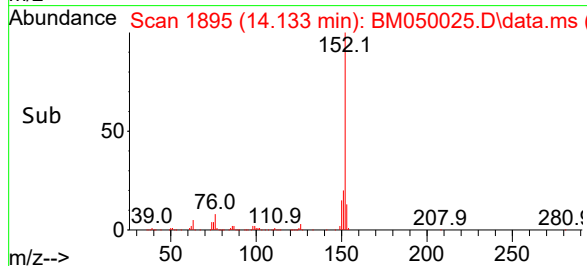
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 259400
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.6 15.8

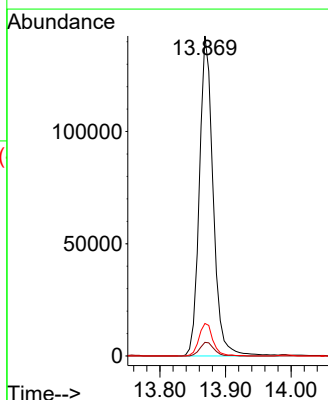
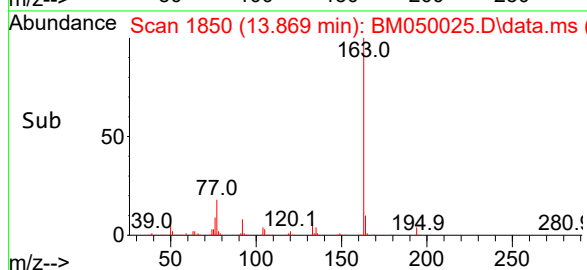
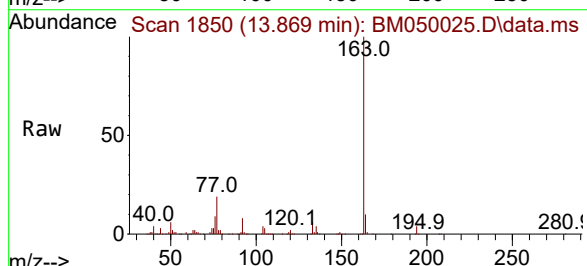
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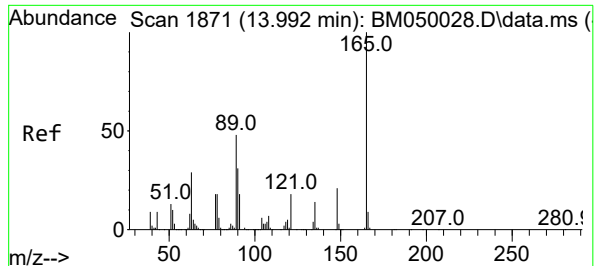
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 4.941 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

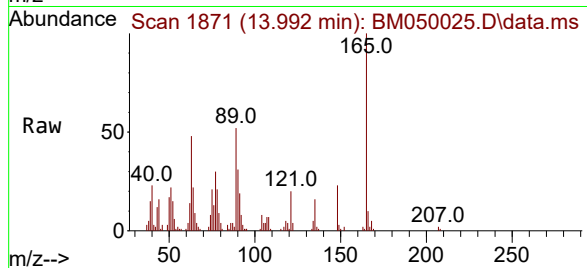
Tgt Ion:163 Resp: 208800
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 4.395 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

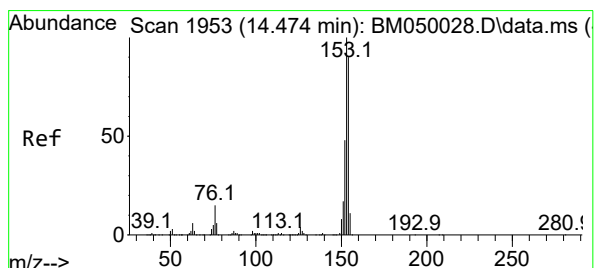
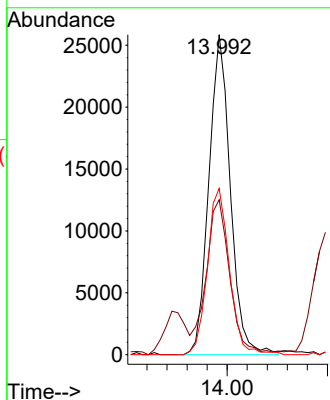
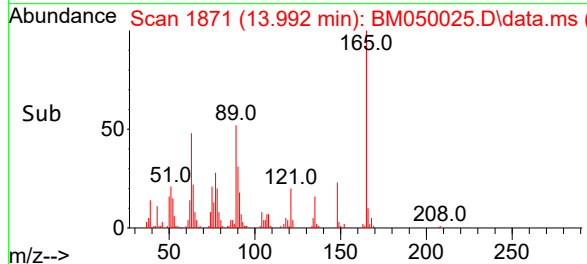
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:165 Resp: 3845
Ion Ratio Lower Upper
165 100
63 48.5 35.1 52.7
89 51.9 38.4 57.6

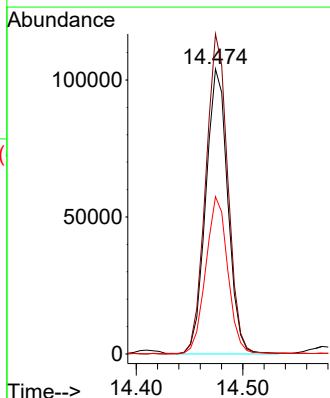
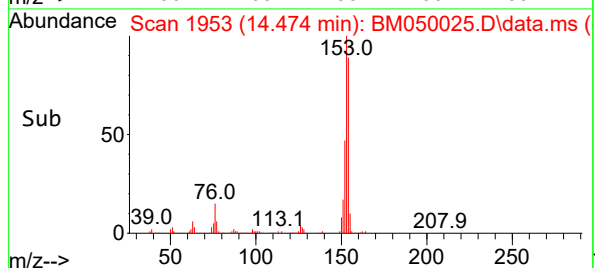
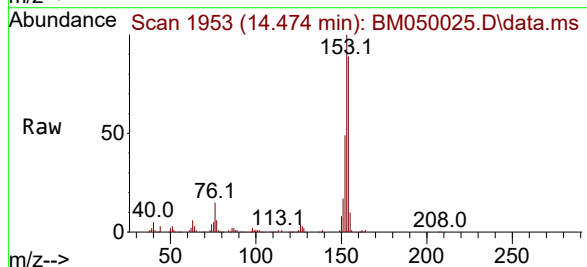
Manual Integrations
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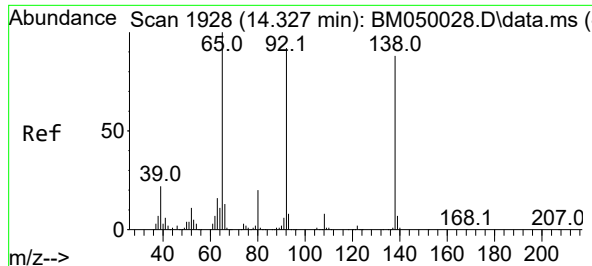
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 4.829 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 150042
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.4
152 55.2 43.0 64.6





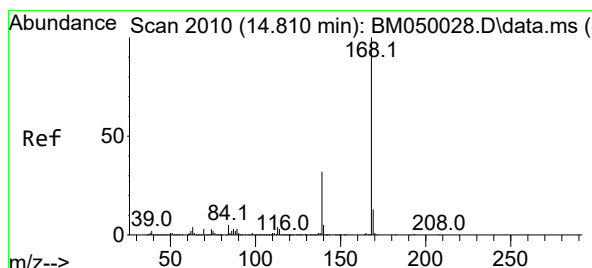
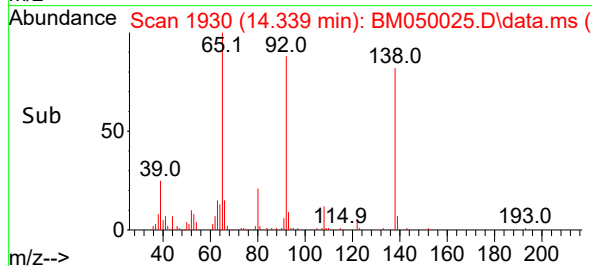
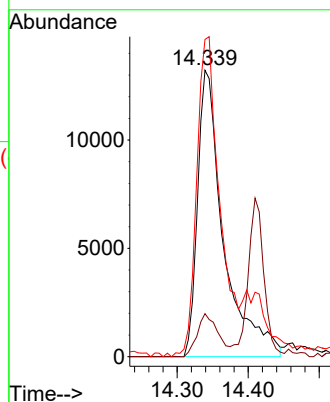
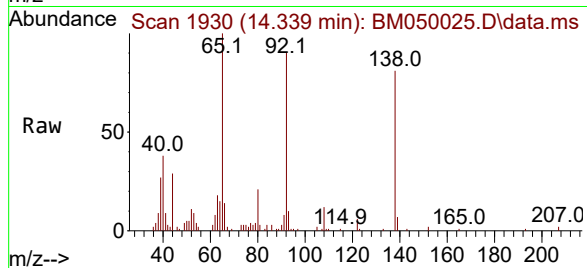
#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1928
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 3371
Ion Ratio Lower Upper
138 100
108 15.1 7.4 11.2
92 110.8 84.0 126.0

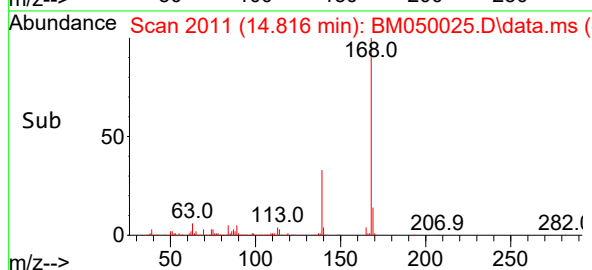
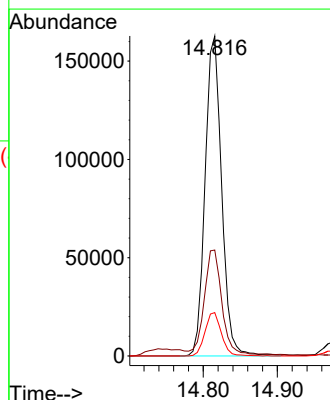
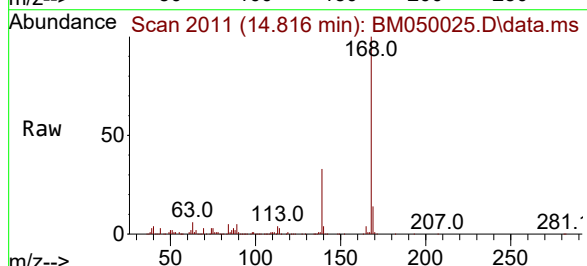
Manual Integrations
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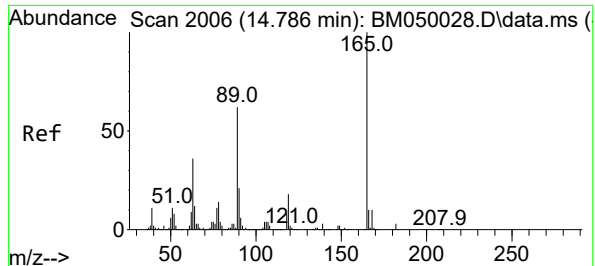
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#55
Dibenzofuran
Concen: 4.892 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:168 Resp: 252898
Ion Ratio Lower Upper
168 100
139 33.1 26.1 39.1
169 13.5 10.8 16.2





#57

2,4-Dinitrotoluene

Concen: 4.044 ng

RT: 14.798 min Scan# 2006

Delta R.T. 0.012 min

Lab File: BM050025.D

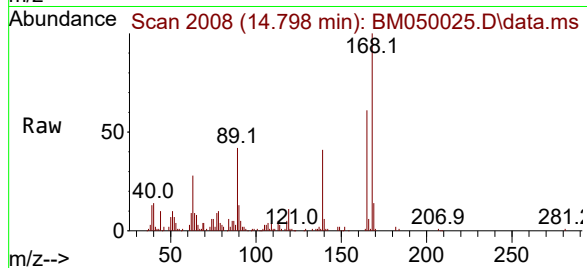
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:165 Resp: 4890

Ion Ratio Lower Upper

165 100

63 46.6 29.0 43.6

89 69.6 49.4 74.2

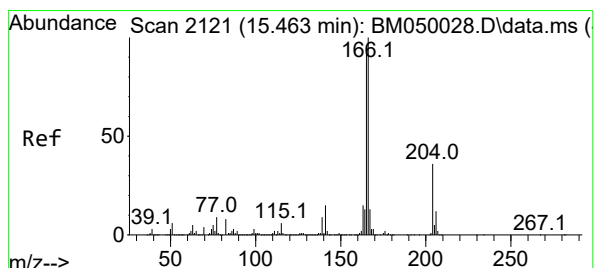
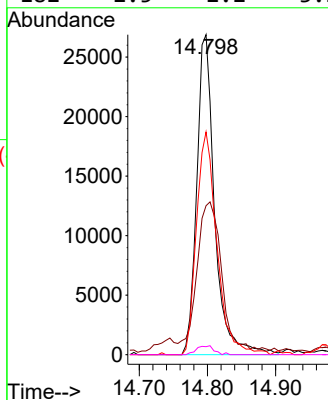
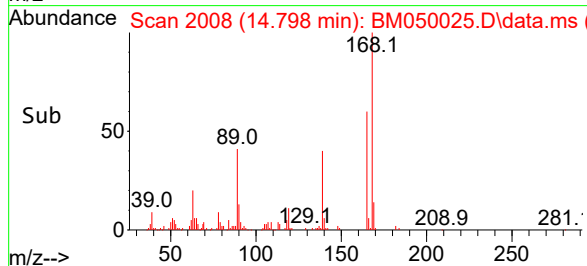
182 2.5 2.2 3.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#58

Fluorene

Concen: 4.739 ng

RT: 15.463 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

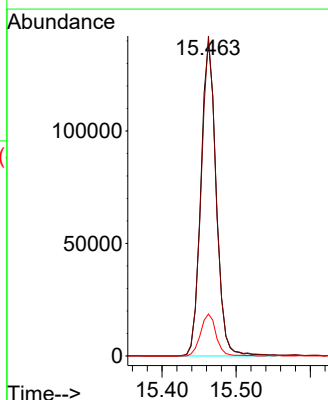
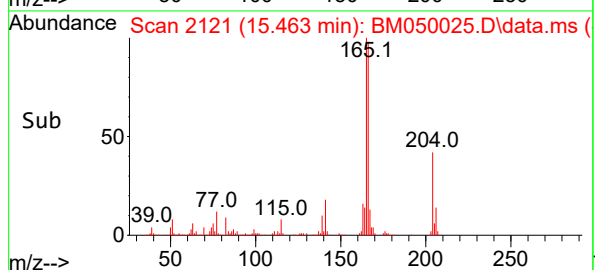
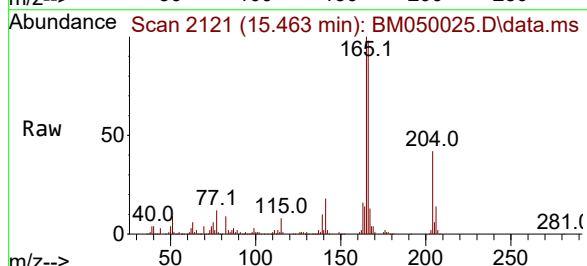
Tgt Ion:166 Resp: 200542

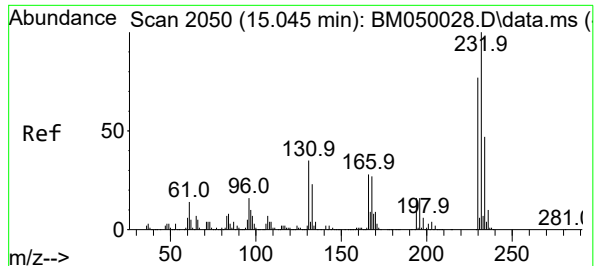
Ion Ratio Lower Upper

166 100

165 101.8 76.6 115.0

167 13.4 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.463 ng

RT: 15.057 min Scan# 2052

Delta R.T. 0.012 min

Lab File: BM050025.D

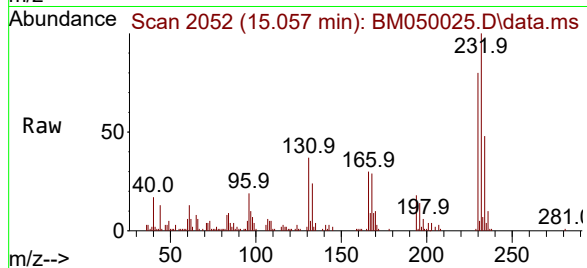
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:232 Resp: 5289

Ion Ratio Lower Upper

232 100

131 38.0 28.2 42.4

130 1.6 1.5 2.3

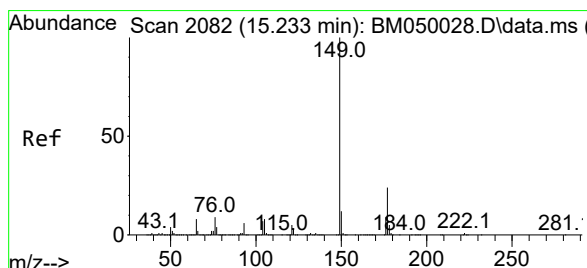
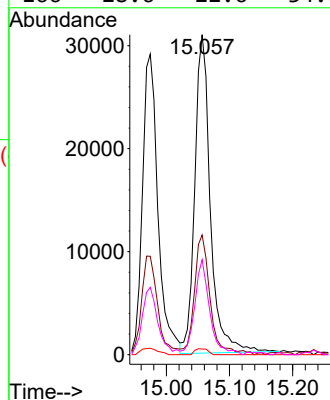
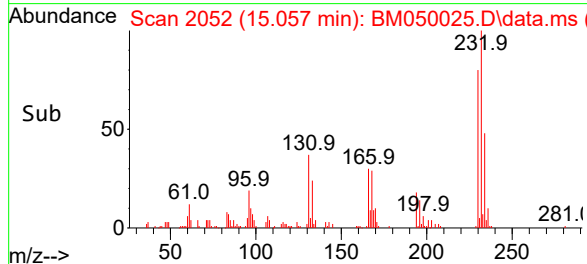
166 28.6 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#60

Diethylphthalate

Concen: 4.981 ng

RT: 15.233 min Scan# 2082

Delta R.T. -0.000 min

Lab File: BM050025.D

Acq: 28 Apr 2025 13:09

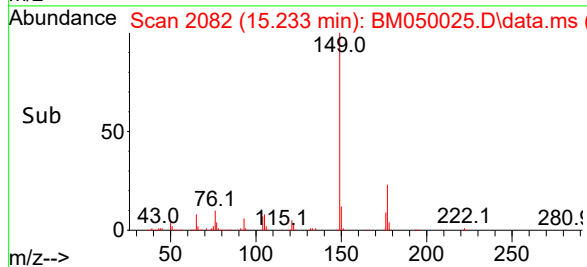
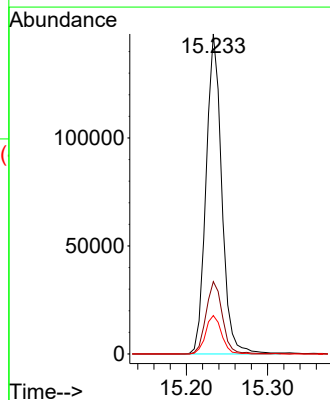
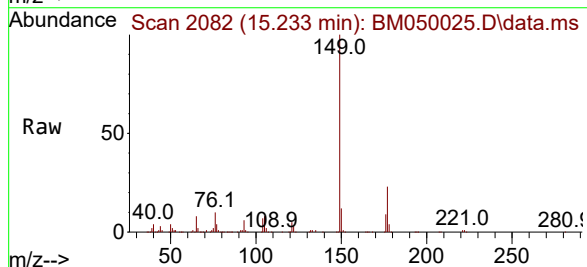
Tgt Ion:149 Resp: 198362

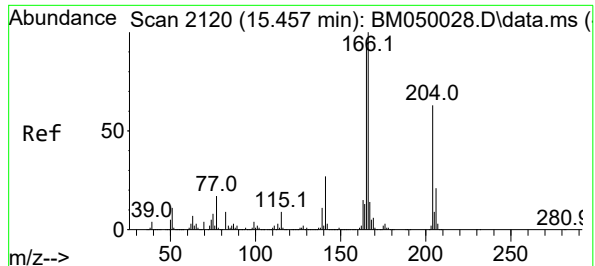
Ion Ratio Lower Upper

149 100

177 22.6 19.1 28.7

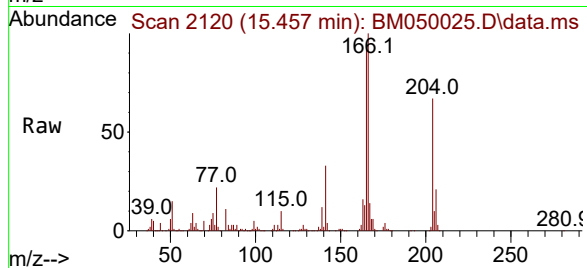
150 12.0 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

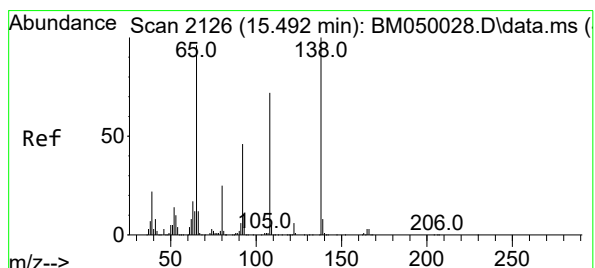
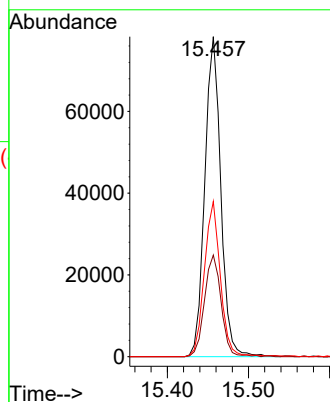
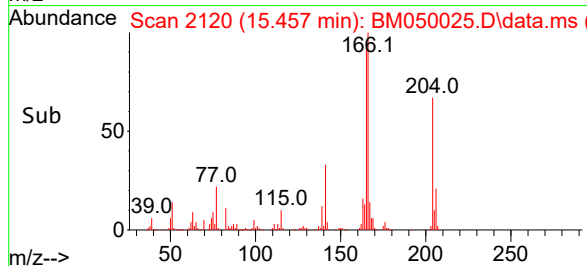
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:204 Resp: 10708
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 48.5 34.0 51.0

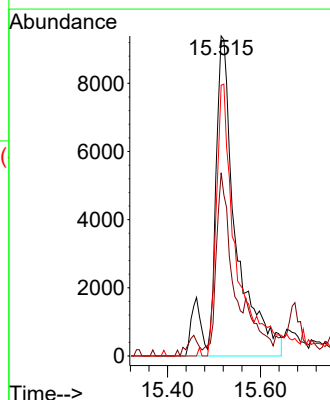
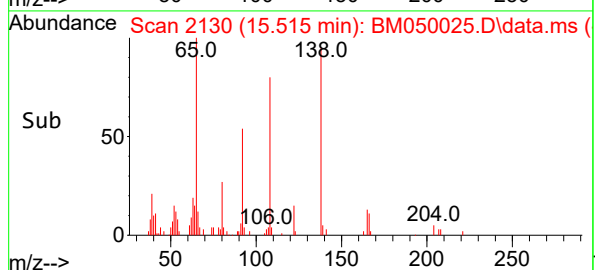
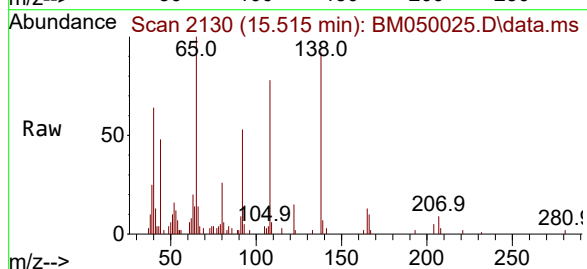
Manual Integrations
APPROVED

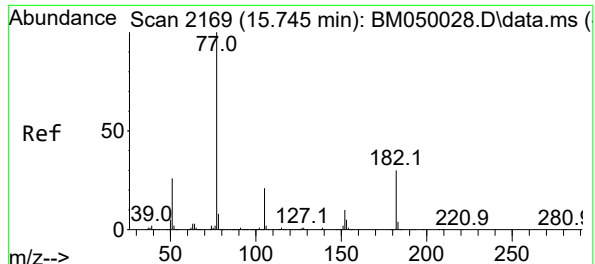
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 3.737 ng m
RT: 15.515 min Scan# 2130
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

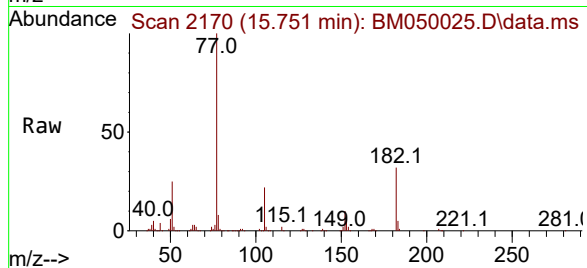
Tgt Ion:138 Resp: 30138
Ion Ratio Lower Upper
138 100
92 57.3 25.9 65.9
108 84.6 52.4 92.4





#63
Azobenzene
Concen: 4.844 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

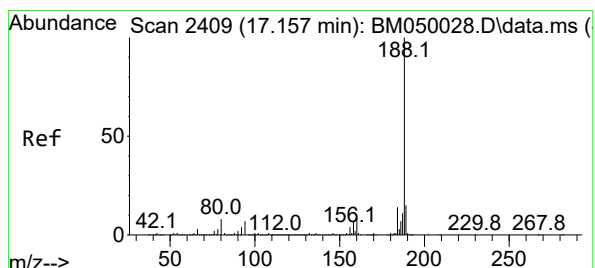
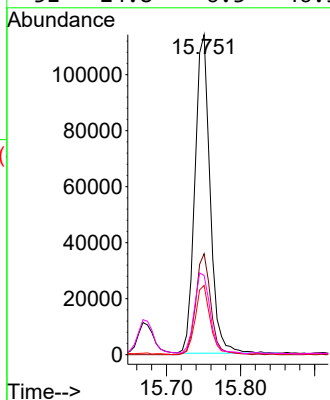
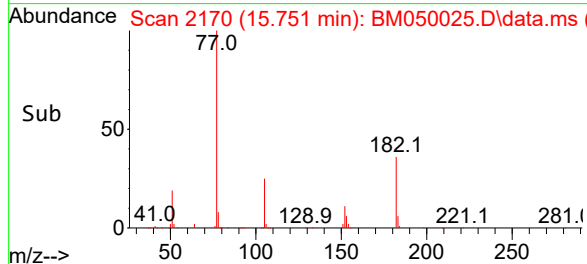
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion: 77 Resp: 161662
Ion Ratio Lower Upper
77 100
182 31.6 10.5 50.5
105 21.7 1.1 41.1
51 24.8 6.3 46.3

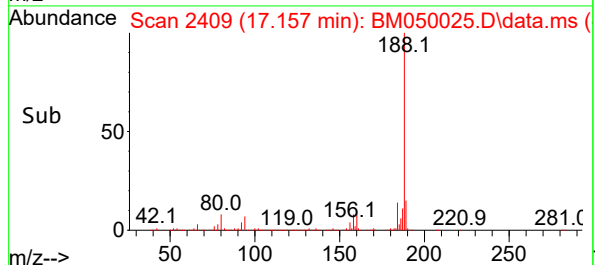
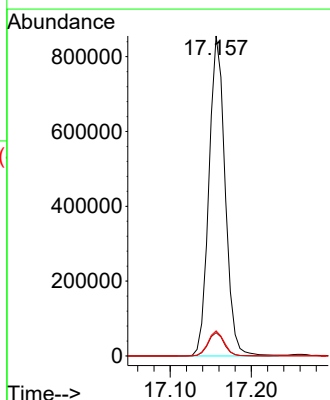
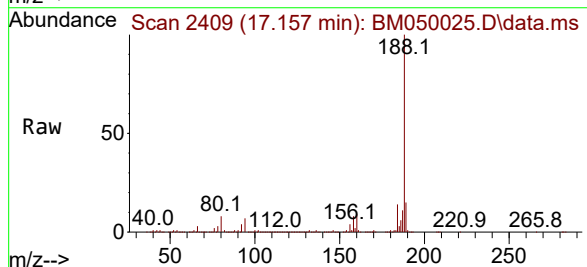
Manual Integrations
APPROVED

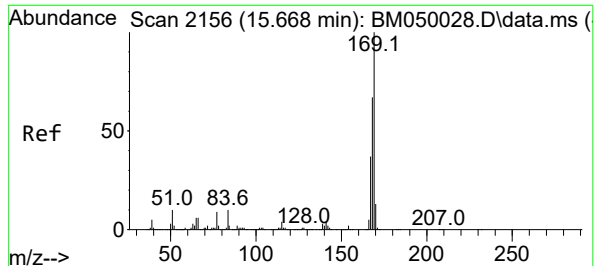
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

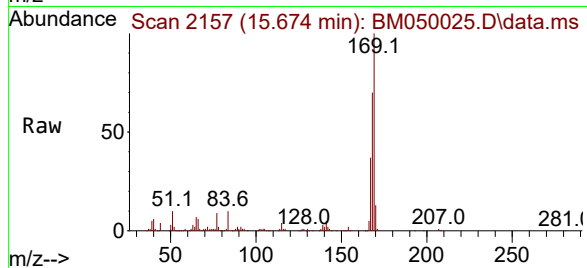
Tgt Ion:188 Resp: 1183325
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.9 6.2 9.4





#66
n-Nitrosodiphenylamine
Concen: 4.723 ng
RT: 15.674 min Scan# 2156
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

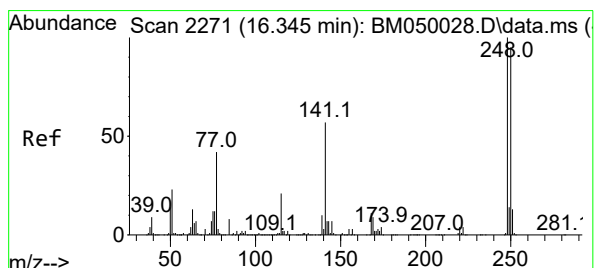
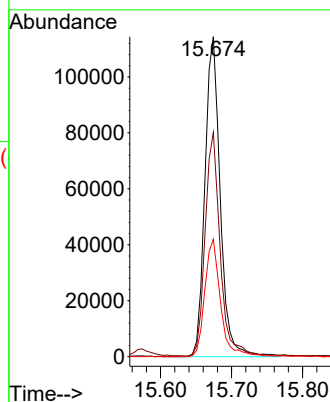
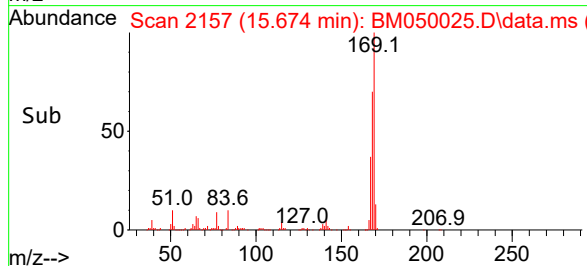
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



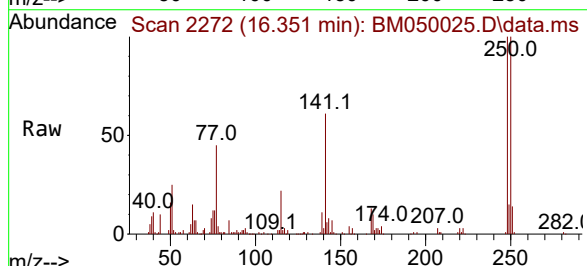
Tgt Ion:169 Resp: 171608
Ion Ratio Lower Upper
169 100
168 70.0 53.4 80.2
167 36.7 29.4 44.0

Manual Integrations
APPROVED

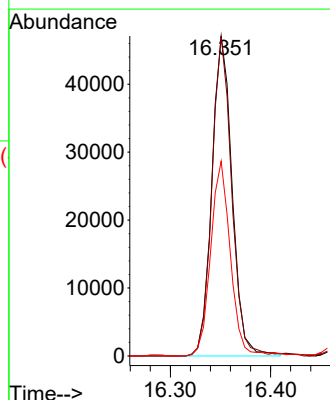
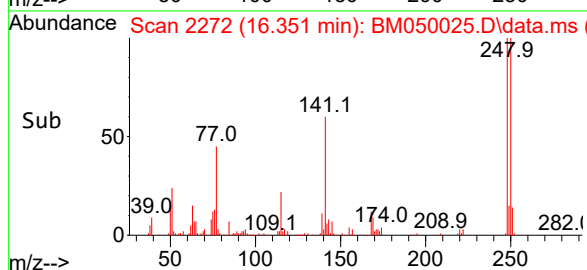
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

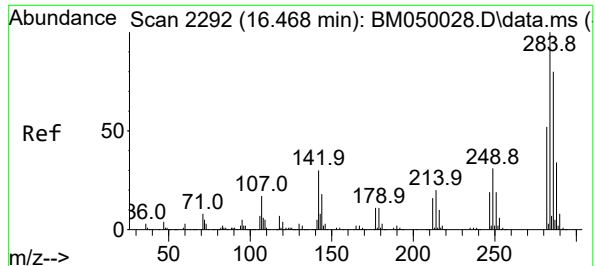


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



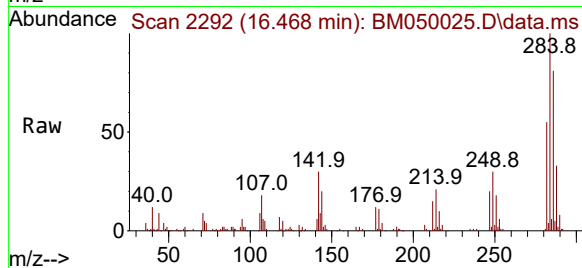
Tgt Ion:248 Resp: 66000
Ion Ratio Lower Upper
248 100
250 99.9 76.2 114.2
141 60.8 45.9 68.9





#68
Hexachlorobenzene
Concen: 4.759 ng
RT: 16.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

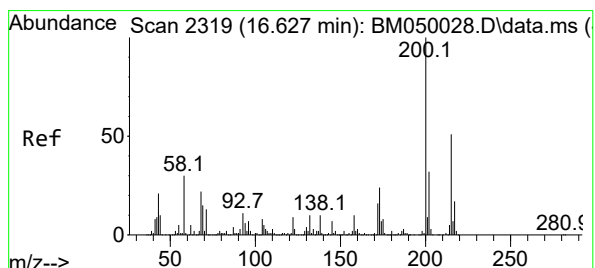
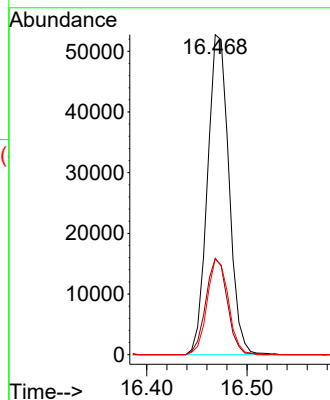
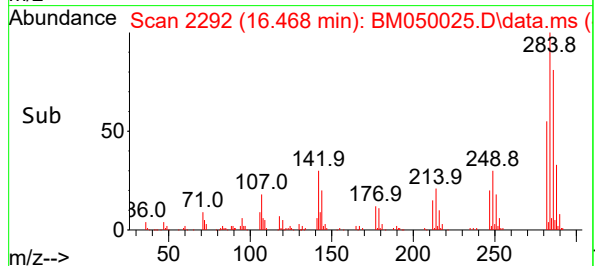
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:284 Resp: 78500
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 29.9 24.5 36.7

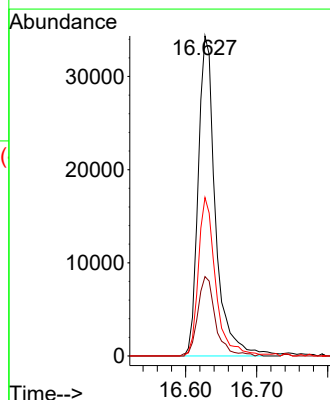
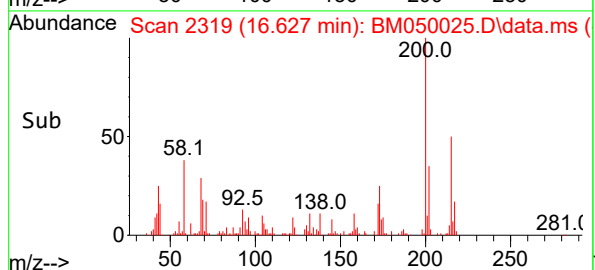
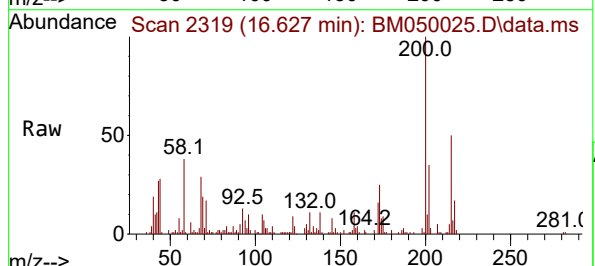
Manual Integrations
APPROVED

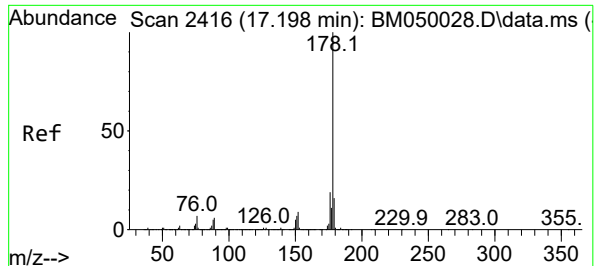
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#69
Atrazine
Concen: 4.433 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

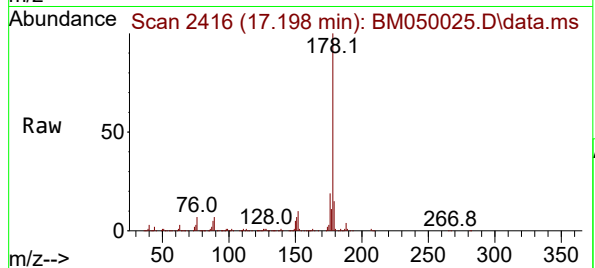
Tgt Ion:200 Resp: 58110
Ion Ratio Lower Upper
200 100
173 24.8 4.3 44.3
215 49.5 30.6 70.6





#71
Phenanthrene
Concen: 4.764 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

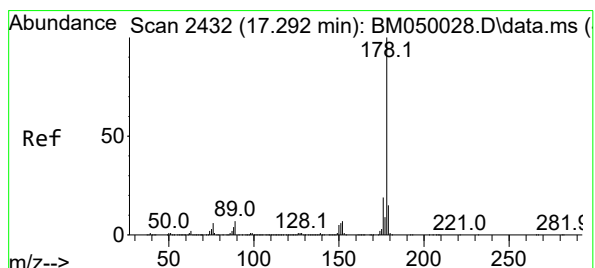
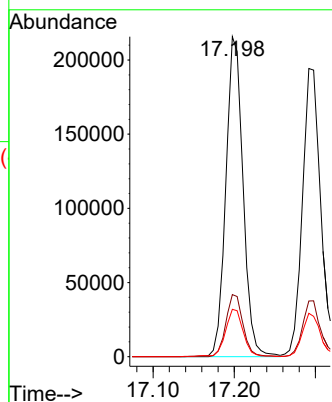
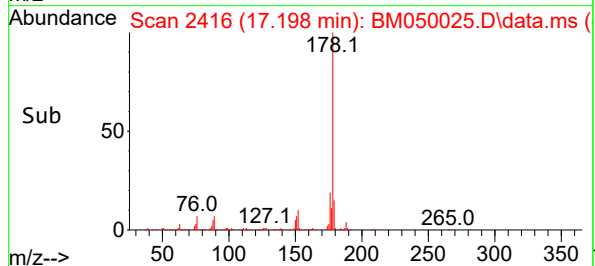
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:178 Resp: 317954
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 14.8 12.4 18.6

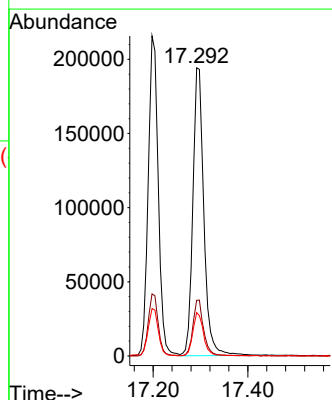
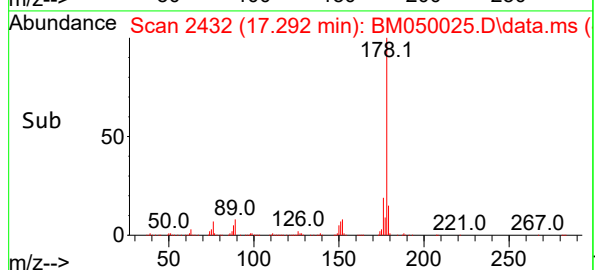
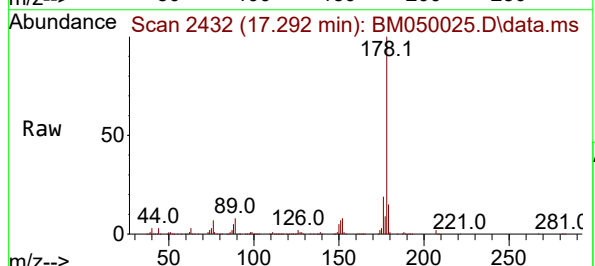
Manual Integrations
APPROVED

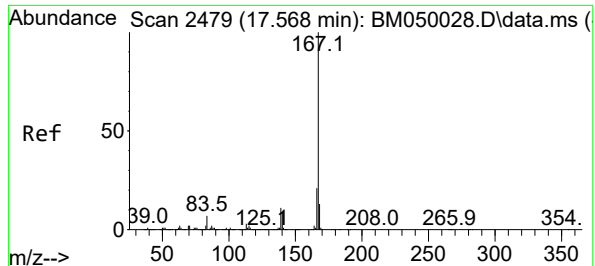
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 4.651 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

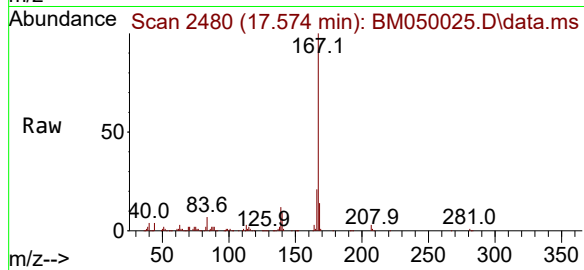
Tgt Ion:178 Resp: 314149
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.0 12.2 18.4





#73
Carbazole
Concen: 4.586 ng
RT: 17.574 min Scan# 2479
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

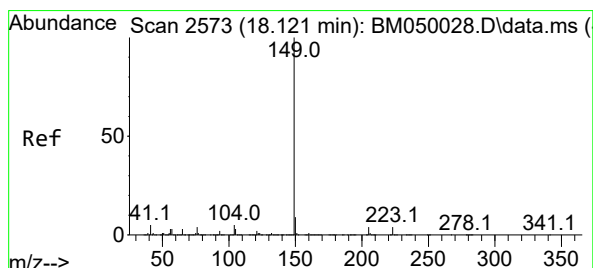
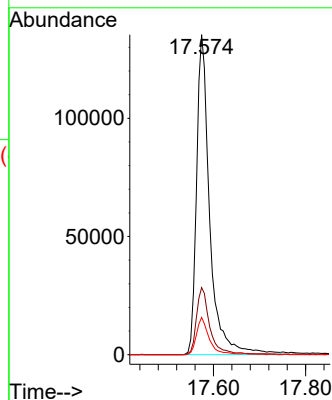
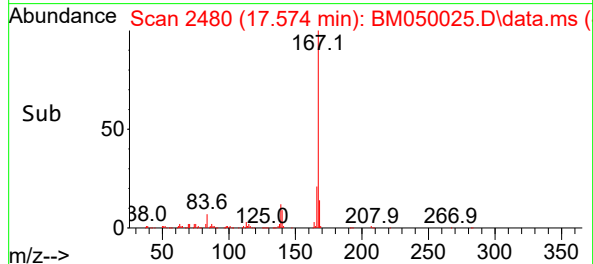
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:167 Resp: 268774
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 11.7 9.0 13.6

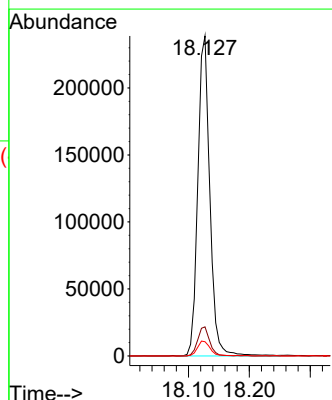
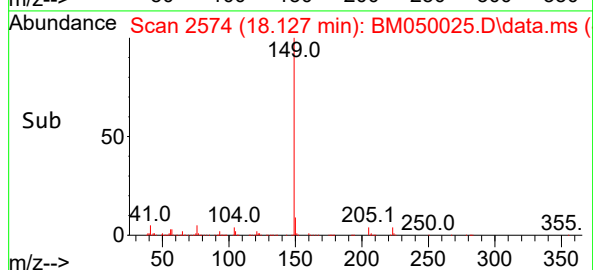
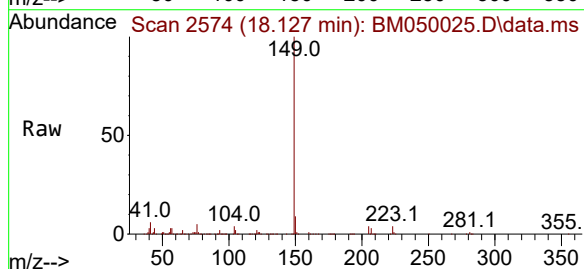
Manual Integrations
APPROVED

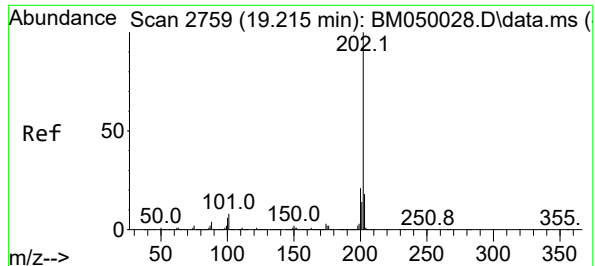
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 4.688 ng
RT: 18.127 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

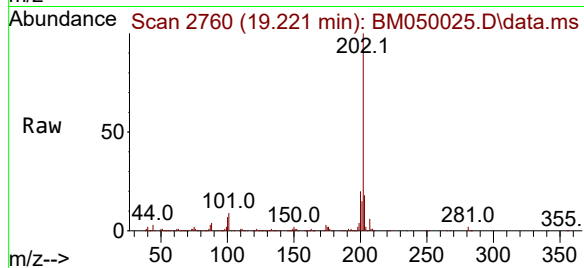
Tgt Ion:149 Resp: 327178
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.4 3.8 5.6





#75
Fluoranthene
Concen: 4.449 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

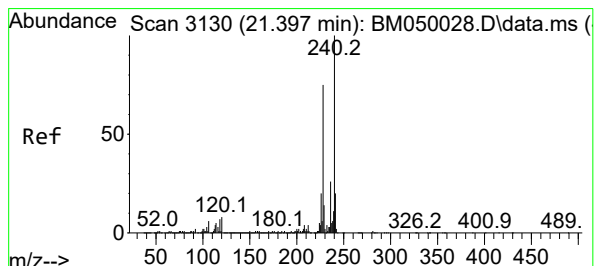
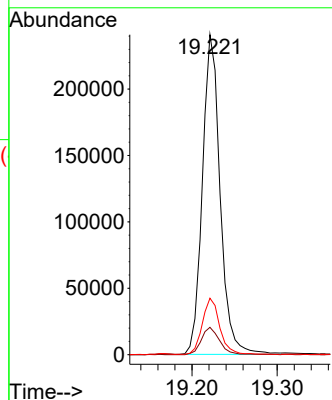
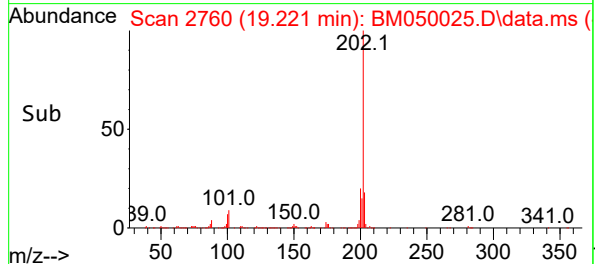
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 34859
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.0
203 17.6 0.0 37.7

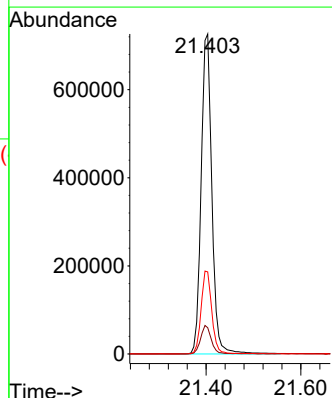
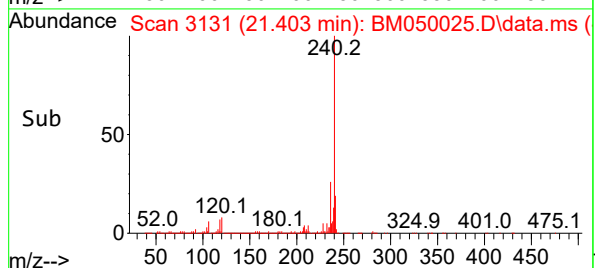
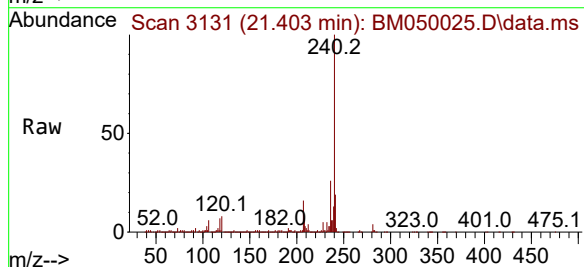
Manual Integrations
APPROVED

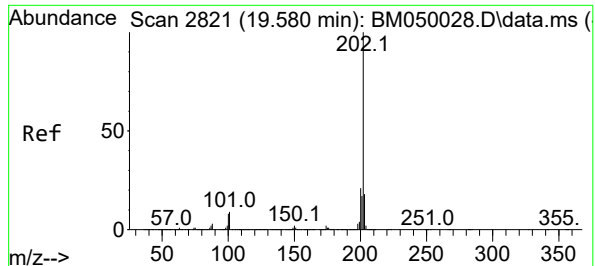
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

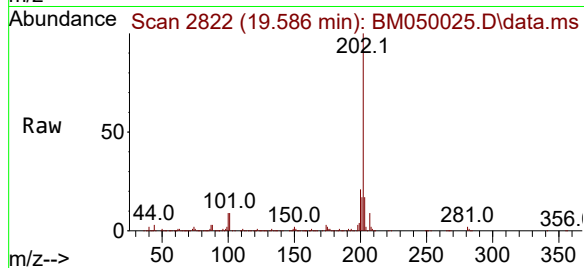
Tgt Ion:240 Resp: 1136162
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.6 20.9 31.3





#78
Pyrene
Concen: 4.593 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

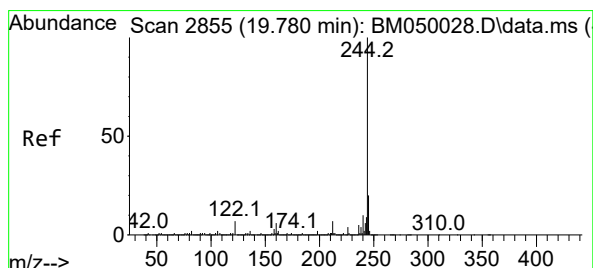
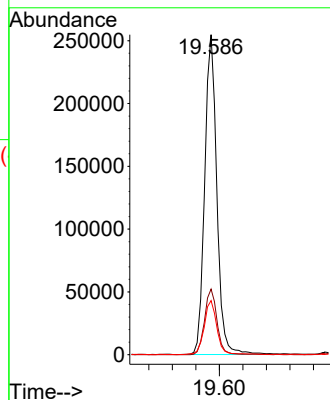
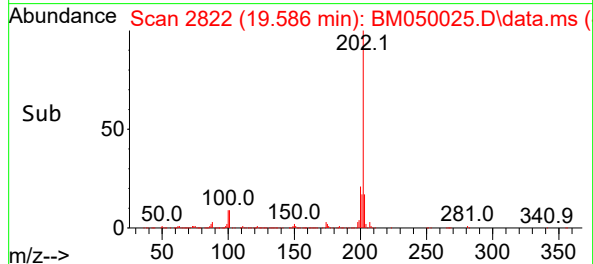
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:202 Resp: 36647
Ion Ratio Lower Upper
202 100
200 20.5 16.7 25.1
203 16.9 14.1 21.1

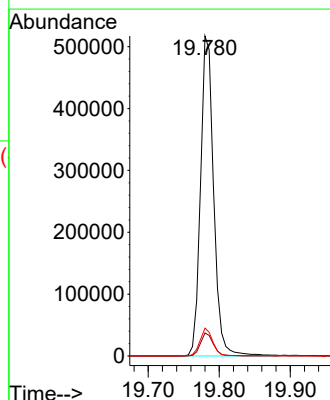
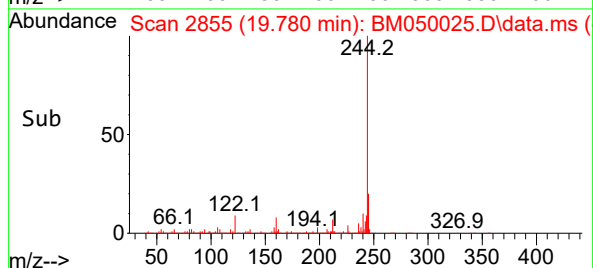
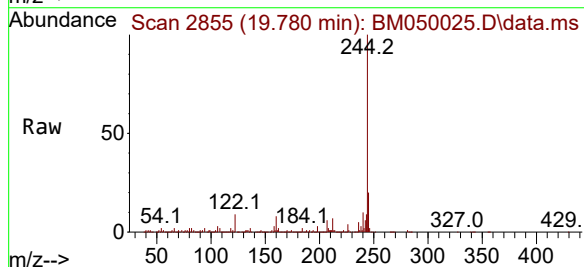
Manual Integrations
APPROVED

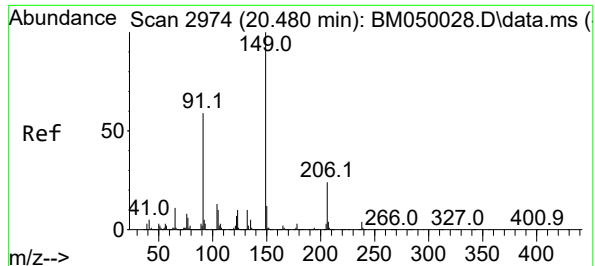
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#79
Terphenyl-d14
Concen: 8.704 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:244 Resp: 668289
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 8.7 5.6 8.4#





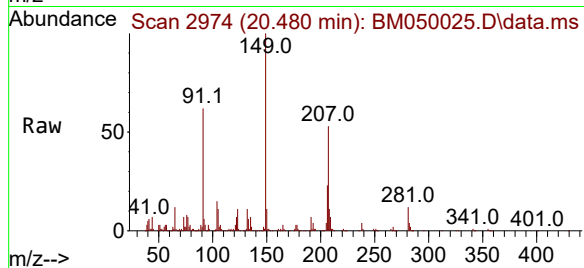
#80
Butylbenzylphthalate
Concen: 4.646 ng
RT: 20.480 min Scan# 2974
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

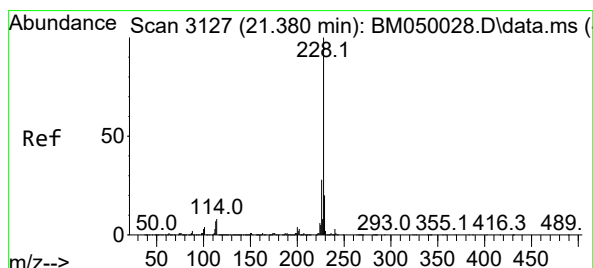
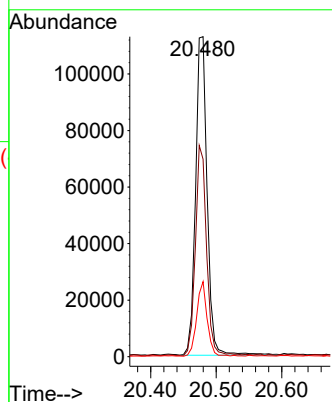
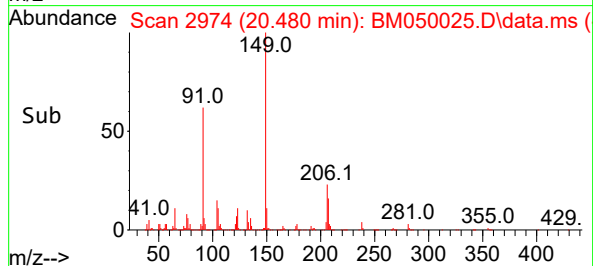


Tgt Ion:149 Resp: 138827
Ion Ratio Lower Upper
149 100
91 61.7 47.4 71.2
206 23.4 19.4 29.0

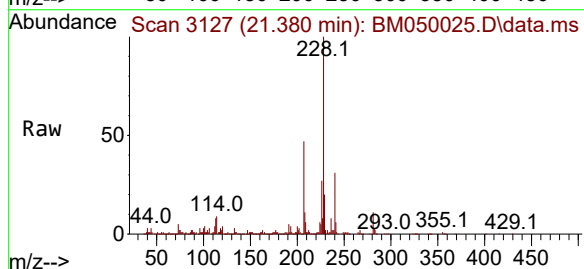
Manual Integrations

APPROVED

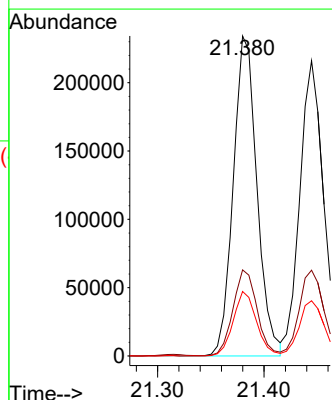
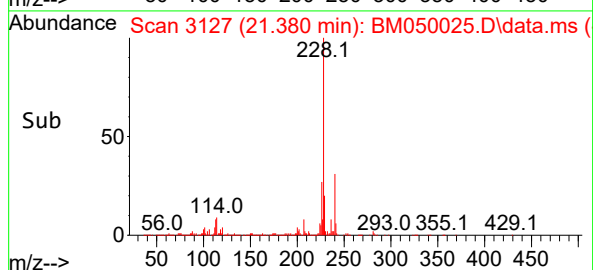
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

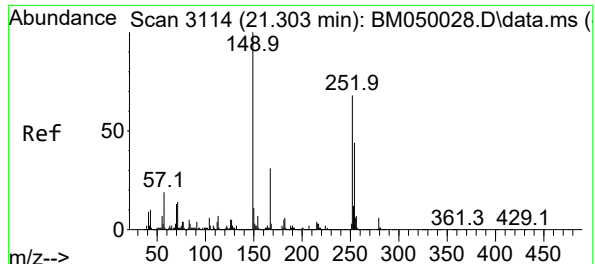


#81
Benzo(a)anthracene
Concen: 4.648 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



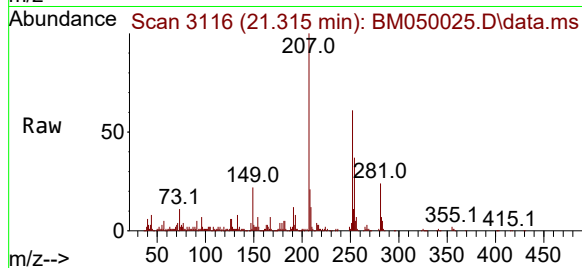
Tgt Ion:228 Resp: 363641
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 20.1 15.7 23.5





#82
3,3'-Dichlorobenzidine
Concen: 4.119 ng
RT: 21.315 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

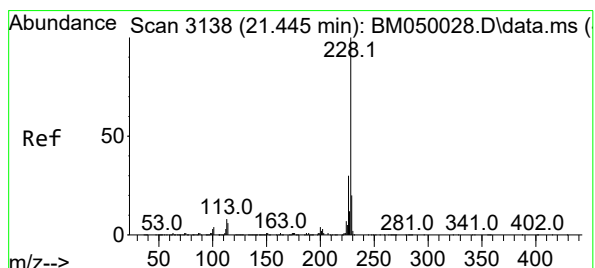
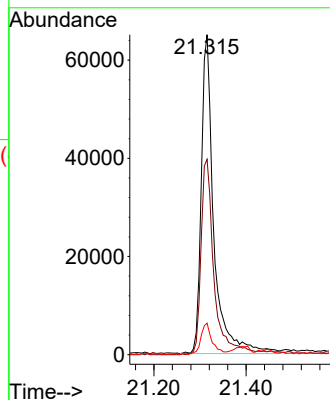
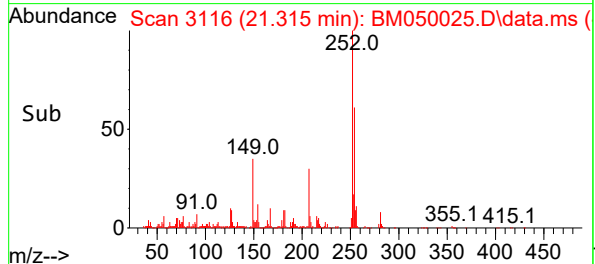
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 123375
Ion Ratio Lower Upper
252 100
254 61.0 51.8 77.6
126 9.9 6.0 9.0

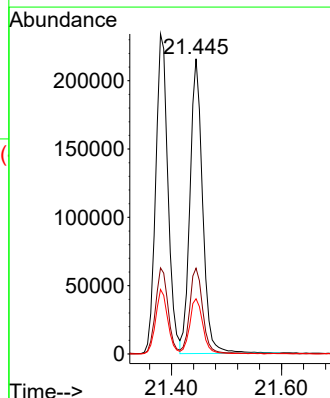
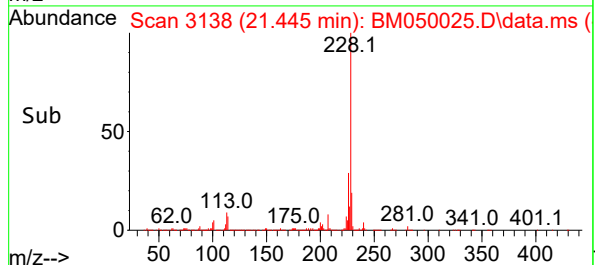
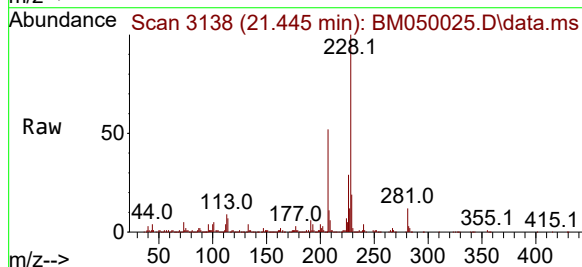
Manual Integrations
APPROVED

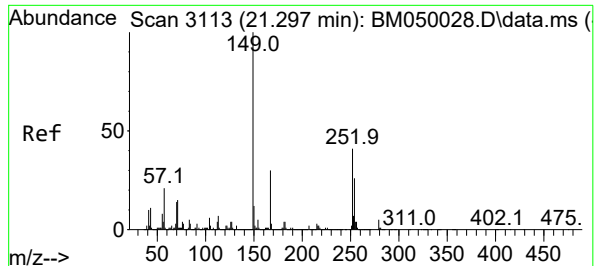
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#83
Chrysene
Concen: 4.738 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

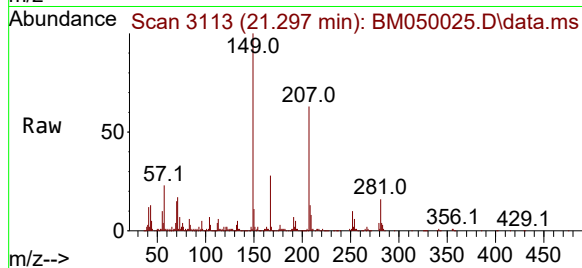
Tgt Ion:228 Resp: 343085
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.2
229 18.7 15.7 23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.620 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

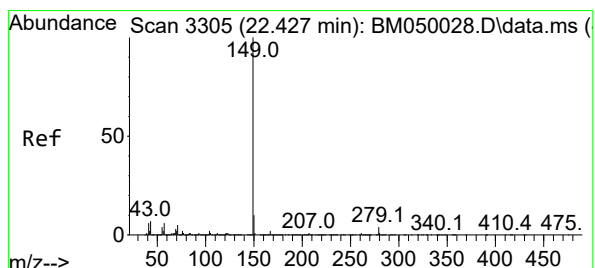
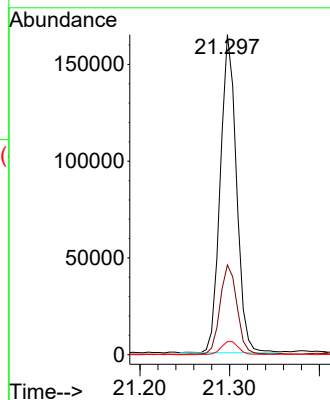
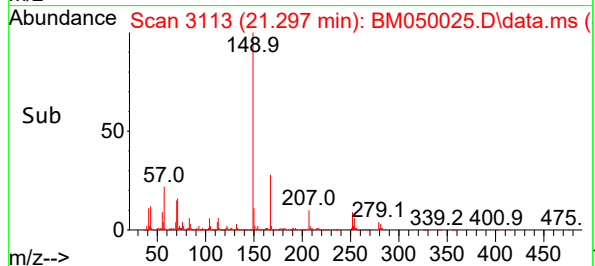
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 20623
Ion Ratio Lower Upper
149 100
167 28.0 24.1 36.1
279 4.1 3.9 5.9

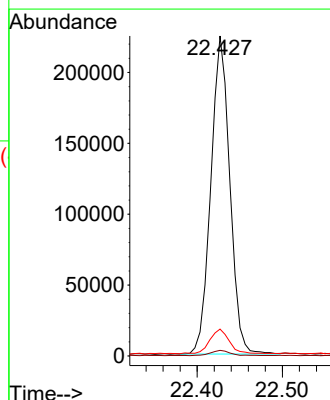
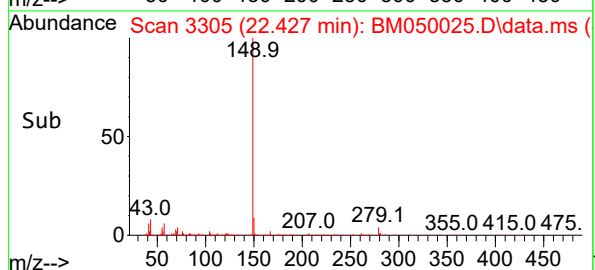
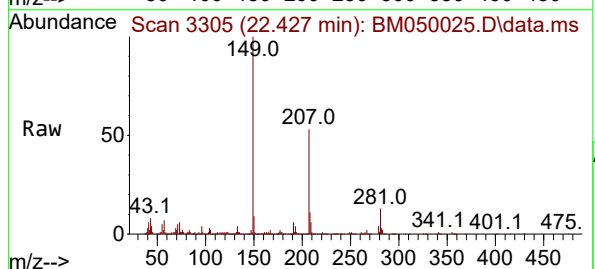
Manual Integrations
APPROVED

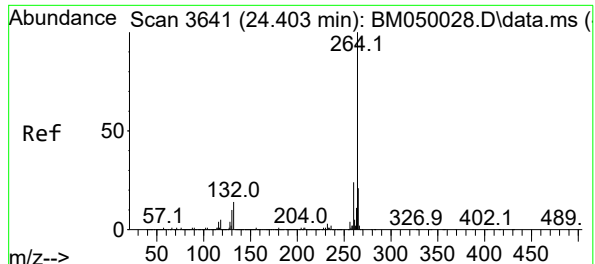
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#85
Di-n-octyl phthalate
Concen: 4.711 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

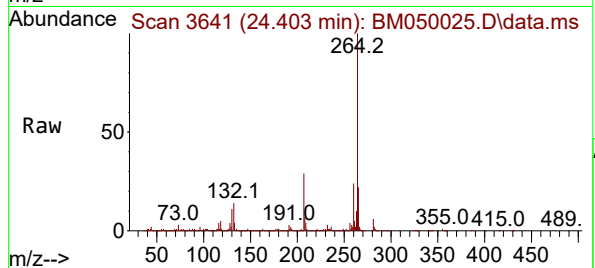
Tgt Ion:149 Resp: 346799
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.0 5.8 8.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

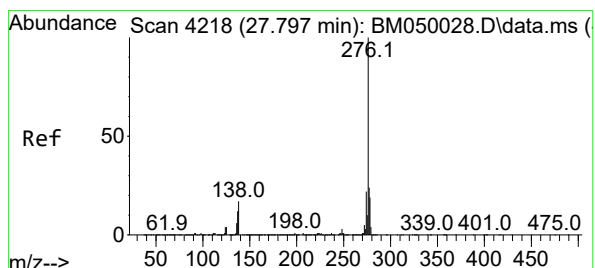
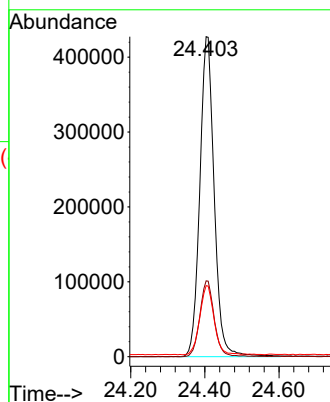
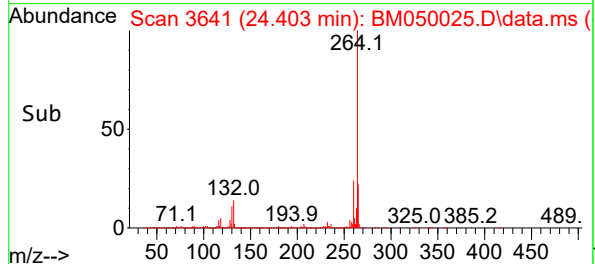
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:264 Resp: 1149910
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.2 17.0 25.4

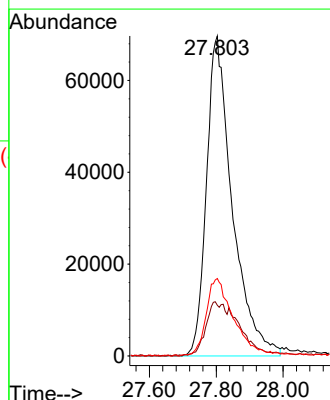
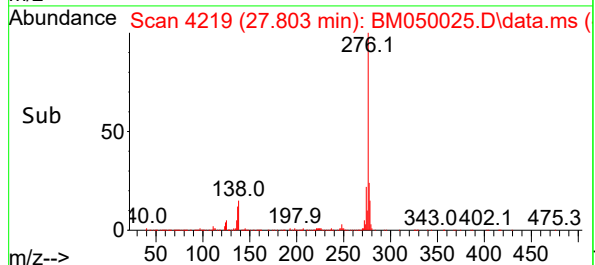
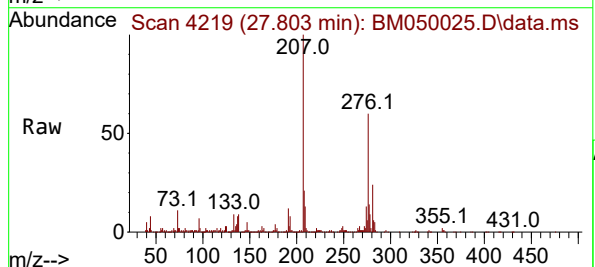
Manual Integrations
APPROVED

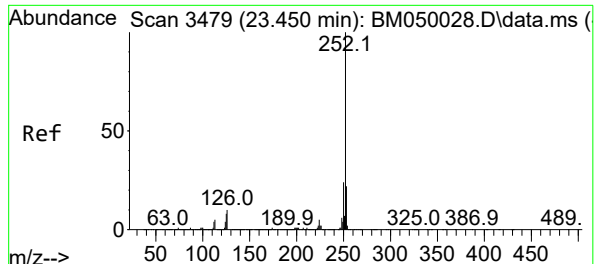
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.364 ng
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

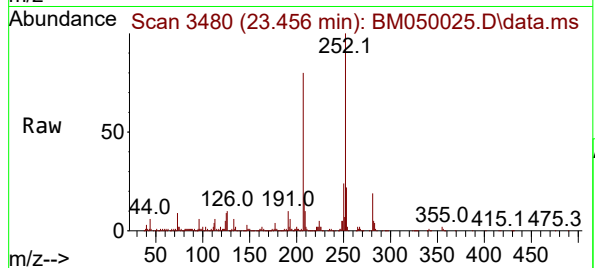
Tgt Ion:276 Resp: 373944
Ion Ratio Lower Upper
276 100
138 8.9 16.4 24.6#
277 25.9 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 4.338 ng
RT: 23.456 min Scan# 3479
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

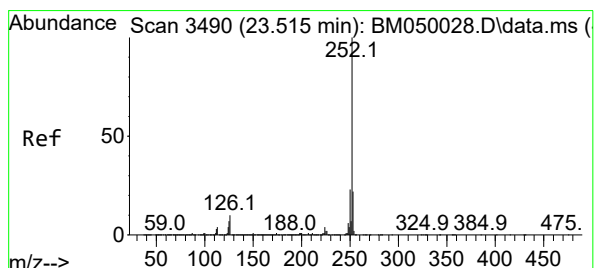
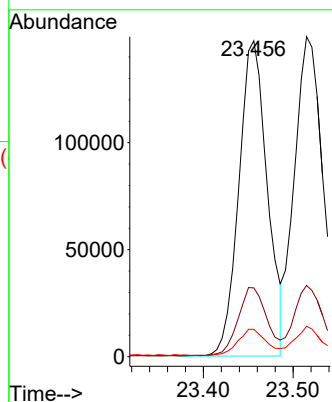
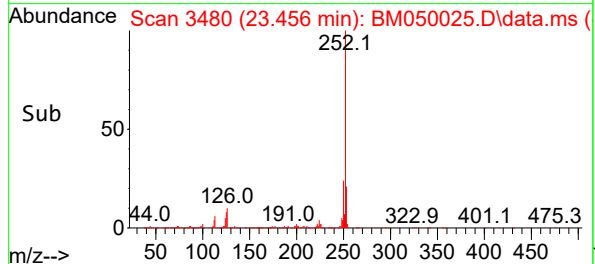
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



Tgt Ion:252 Resp: 32439
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.7 6.1 9.1

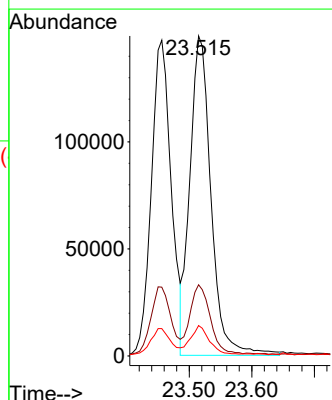
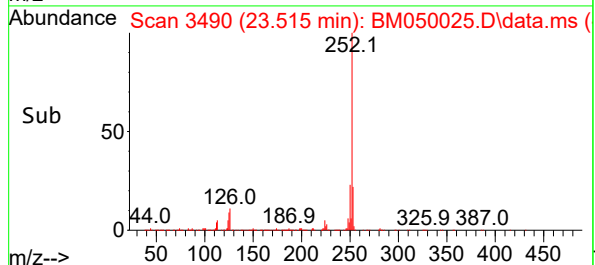
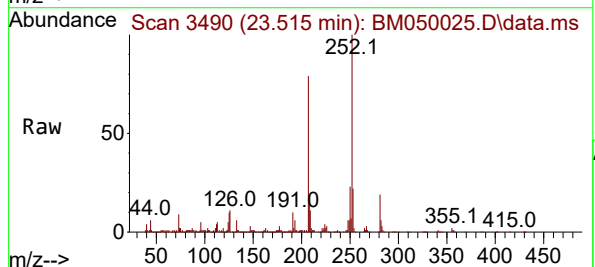
Manual Integrations
APPROVED

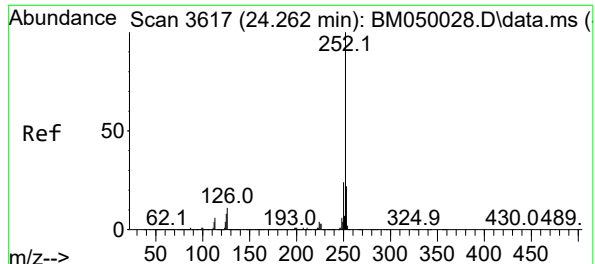
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#89
Benzo(k)fluoranthene
Concen: 4.631 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

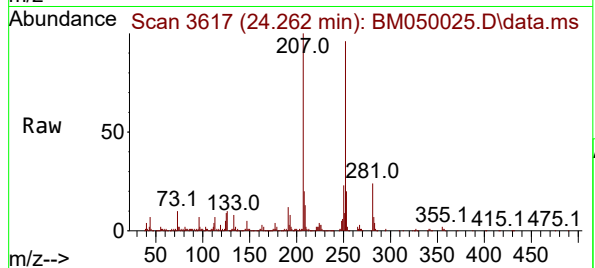
Tgt Ion:252 Resp: 350374
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.5 5.8 8.8#





#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

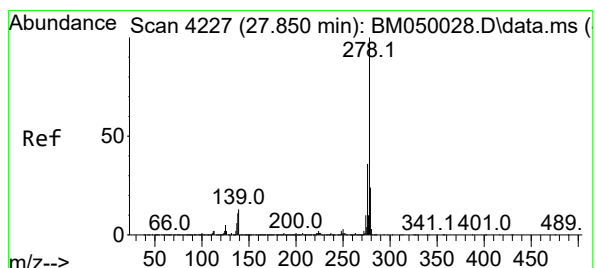
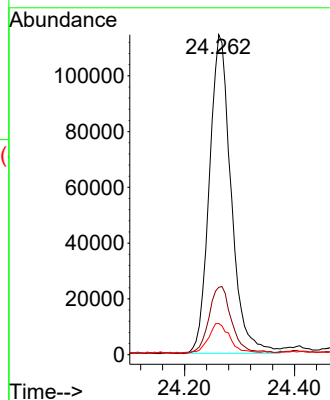
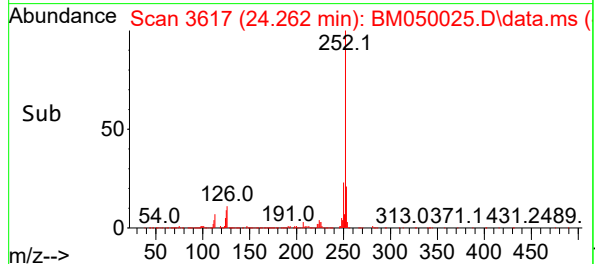
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



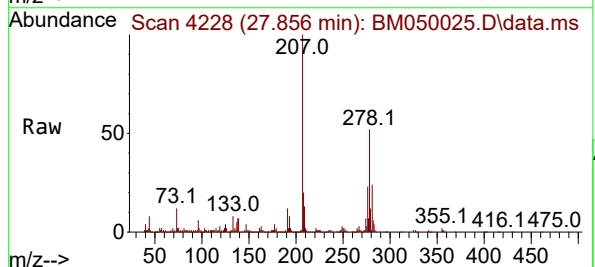
Tgt Ion:252 Resp: 314608
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 9.7 6.6 9.8

Manual Integrations
APPROVED

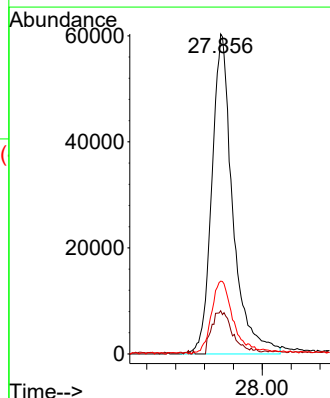
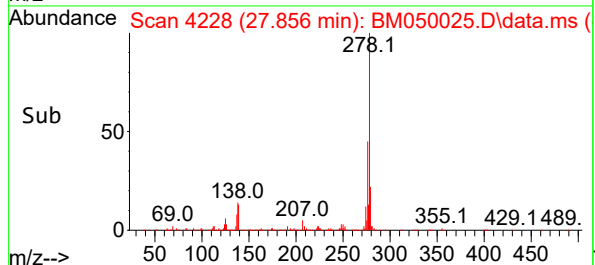
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

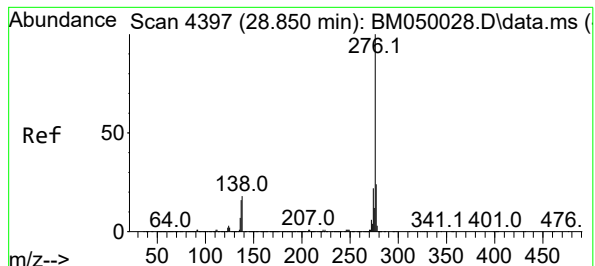


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09



Tgt Ion:278 Resp: 303557
Ion Ratio Lower Upper
278 100
139 13.5 10.5 15.7
279 22.8 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 4.585 ng

RT: 28.862 min Scan# 41

Delta R.T. 0.012 min

Lab File: BM050025.D

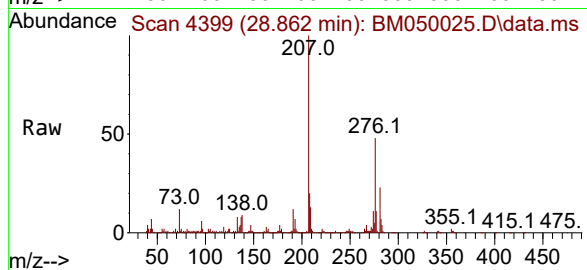
Acq: 28 Apr 2025 13:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC005



Tgt Ion:276 Resp: 30657

Ion Ratio Lower Upper

276 100

277 22.1 19.1 28.7

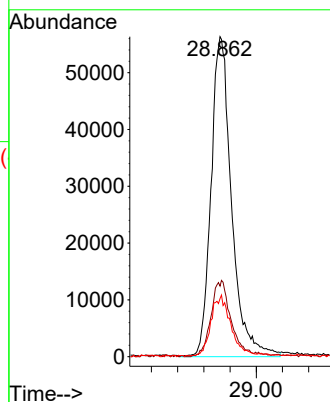
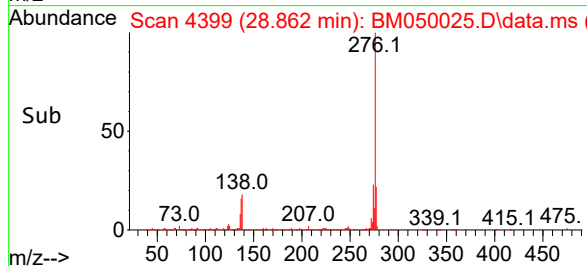
138 18.1 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng	0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	269870	18.894	ng	0.00
7) Phenol-d6	6.957	99	329701	18.366	ng	0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng	0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	58048	9.478	ng	98
3) Pyridine	3.663	79	145801	9.266	ng	98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	# 93
6) Aniline	7.098	93	211256	9.319	ng	100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng	99
9) Benzaldehyde	6.916	77	115030m	9.587	ng	
10) Phenol	6.981	94	168041	9.246	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng	100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng	96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng	99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng	100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng	97
17) 2-Methylphenol	8.228	107	111639	9.325	ng	99
18) Hexachloroethane	8.845	117	63487	9.530	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng	98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng	99
22) Acetophenone	8.592	105	214790	9.325	ng	98
24) Nitrobenzene	8.969	77	150534	9.259	ng	99
25) Isophorone	9.498	82	300179	9.366	ng	99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng	97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng	97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng	99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng	97
31) Naphthalene	10.610	128	444206	9.467	ng	99
32) Benzoic acid	9.875	122	63971m	7.282	ng	
33) 4-Chloroaniline	10.739	127	181907	9.458	ng	99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng	99
35) Caprolactam	11.516	113	39344	8.745	ng	94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng	98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng	97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng	97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng	99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng	96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng	99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng	99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng	94
49) Acenaphthylene	14.133	152	545774	9.235	ng	100
50) Dimethylphthalate	13.868	163	438261	9.419	ng	99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng	98
52) Acenaphthene	14.474	154	317735	9.288	ng	98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	# 99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng	96
55) Dibenzofuran	14.810	168	535023	9.401	ng	99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng	96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng	95
58) Fluorene	15.462	166	427384	9.174	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng	98
60) Diethylphthalate	15.233	149	414149	9.447	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng	94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng	
63) Azobenzene	15.745	77	347347	9.454	ng	99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng	93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng	99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng	99
69) Atrazine	16.621	200	126168	8.937	ng	98
70) Pentachlorophenol	16.827	266	74839	7.483	ng	95
71) Phenanthrene	17.198	178	659374	9.172	ng	100
72) Anthracene	17.292	178	661260	9.089	ng	99
73) Carbazole	17.568	167	573667	9.087	ng	99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng	99
75) Fluoranthene	19.221	202	727607	8.621	ng	99
77) Benzidine	19.415	184	339970	7.887	ng	99
78) Pyrene	19.586	202	761625	8.937	ng	99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng	93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng	100
83) Chrysene	21.444	228	709862	9.178	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng	98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng	99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng	99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng	98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng	99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng	99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng	98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050026.D
 Acq On : 28 Apr 2025 13:48
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

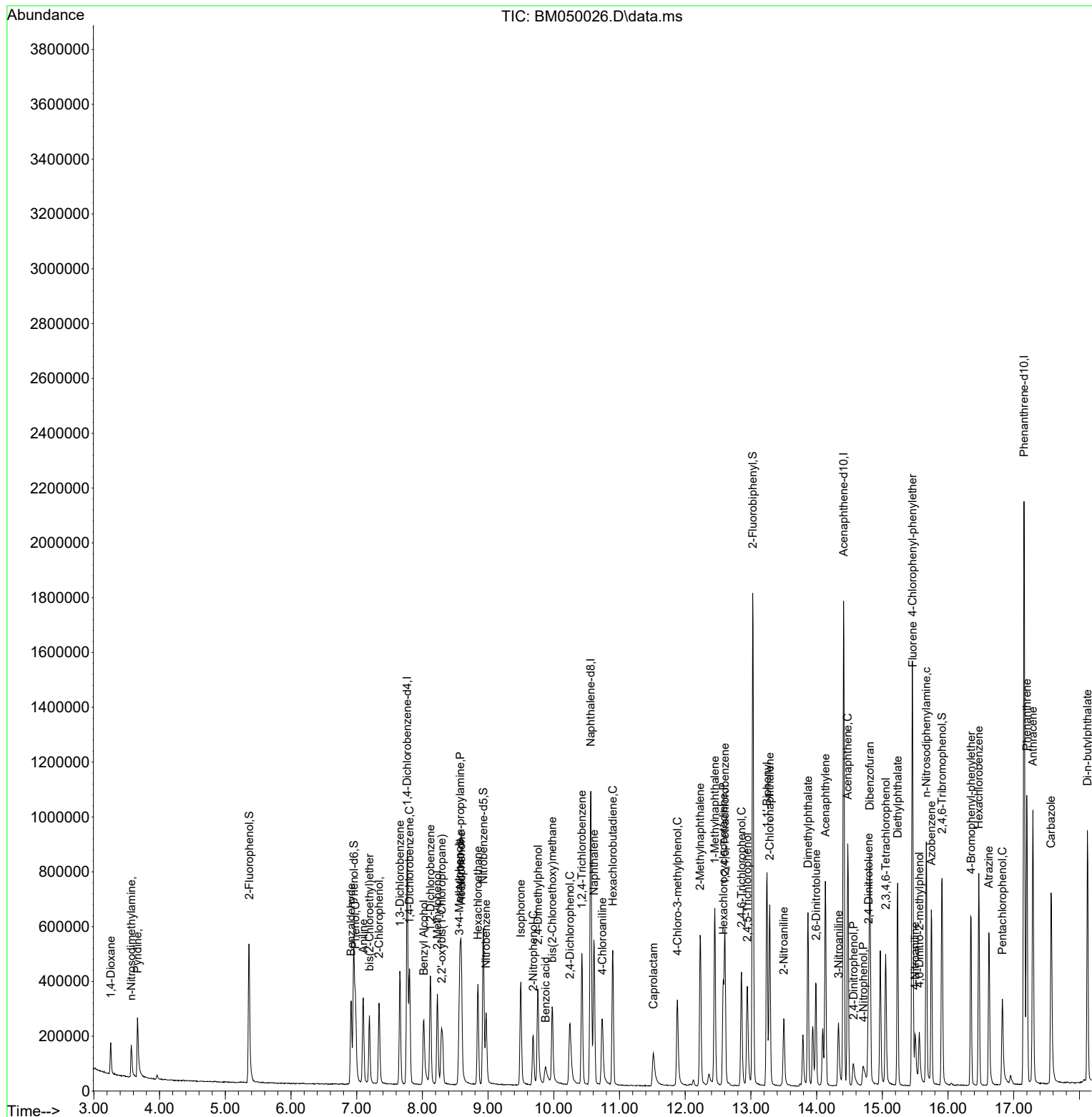
Quant Time: Apr 28 17:54:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration



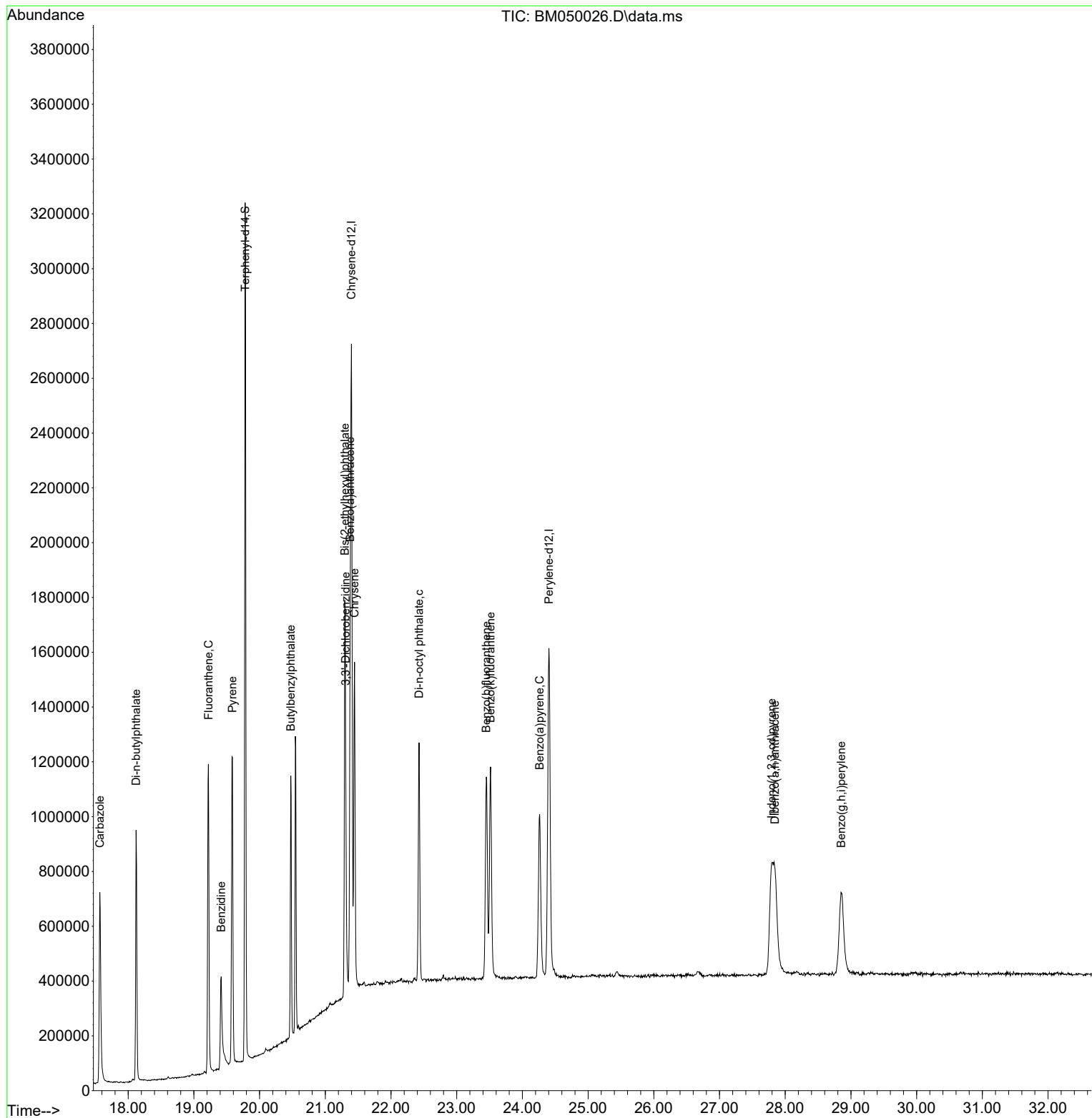
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Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

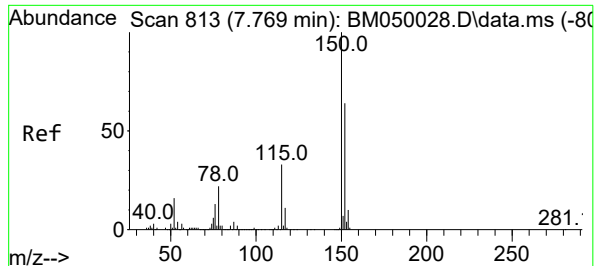
Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

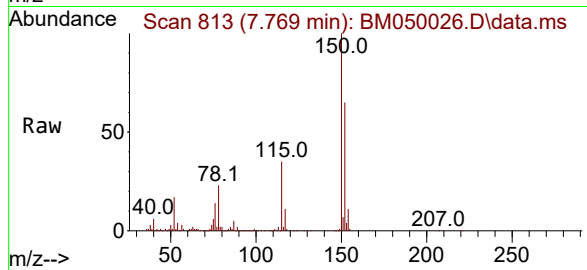
Quant Time: Apr 28 17:54:15 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

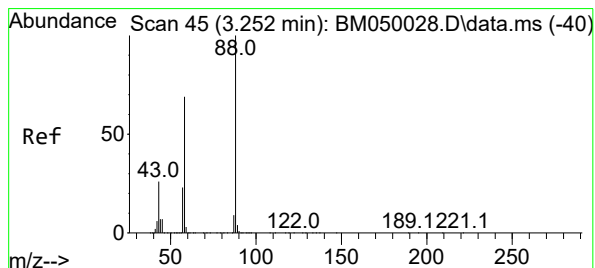
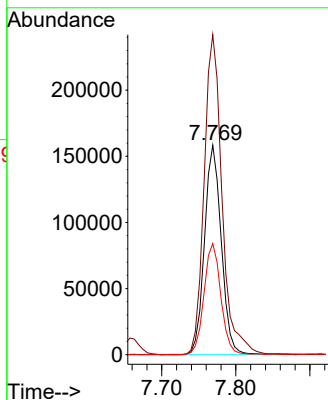
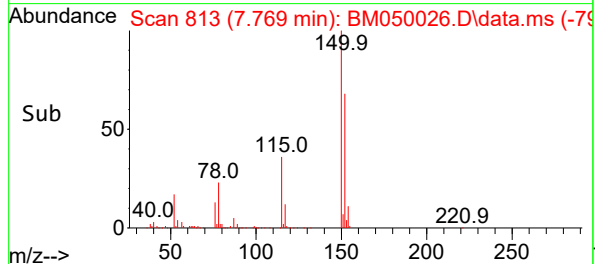
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 250110
Ion Ratio Lower Upper
152 100
150 152.8 124.1 186.1
115 53.1 41.2 61.8

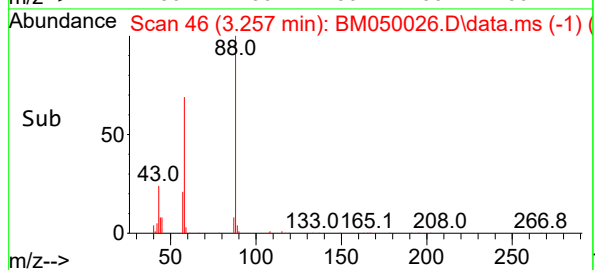
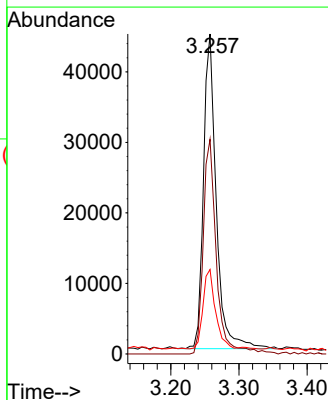
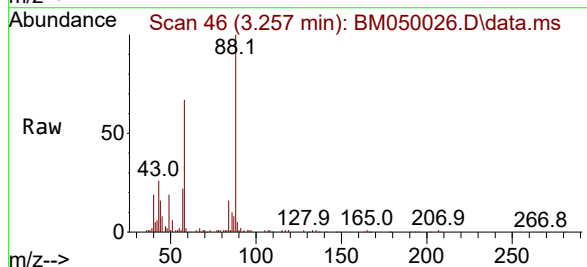
Manual Integrations
APPROVED

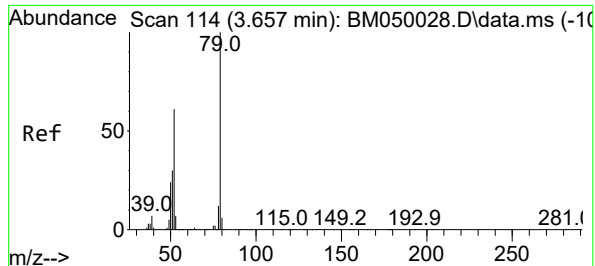
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 9.478 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 88 Resp: 58048
Ion Ratio Lower Upper
88 100
58 70.3 55.1 82.7
43 24.7 20.9 31.3





#3

Pyridine

Concen: 9.266 ng

RT: 3.663 min Scan# 114

Delta R.T. 0.006 min

Lab File: BM050026.D

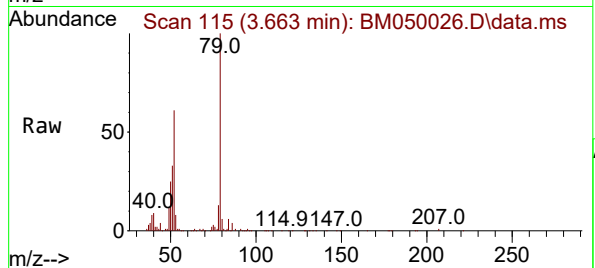
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion: 79 Resp: 14580

Ion Ratio Lower Upper

79 100

52 61.3 48.6 72.8

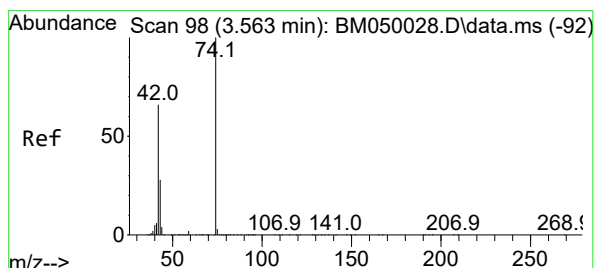
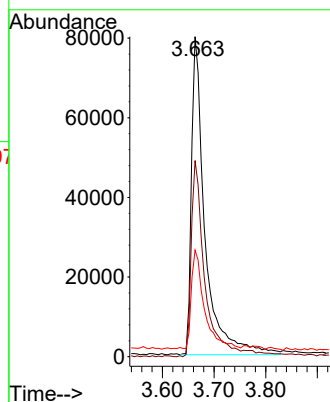
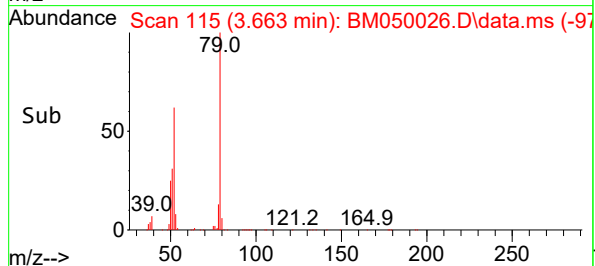
51 33.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#4

n-Nitrosodimethylamine

Concen: 9.302 ng

RT: 3.569 min Scan# 99

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

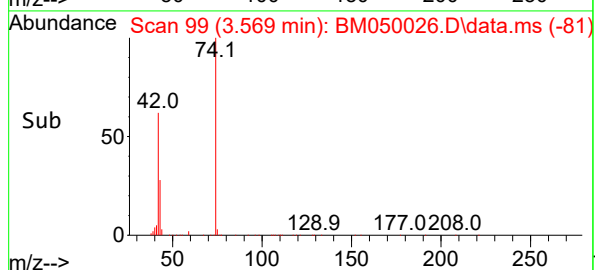
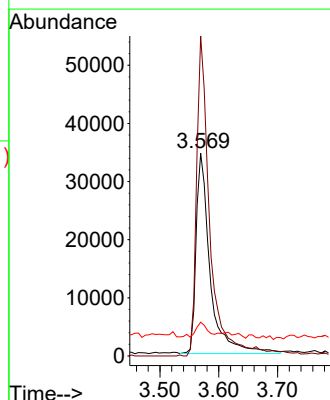
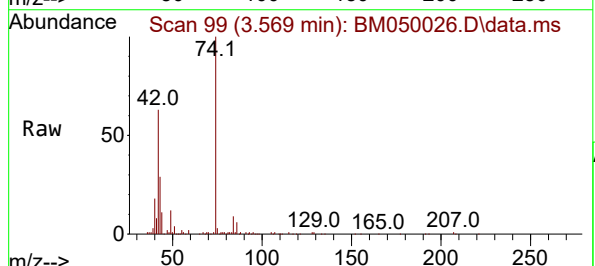
Tgt Ion: 42 Resp: 57404

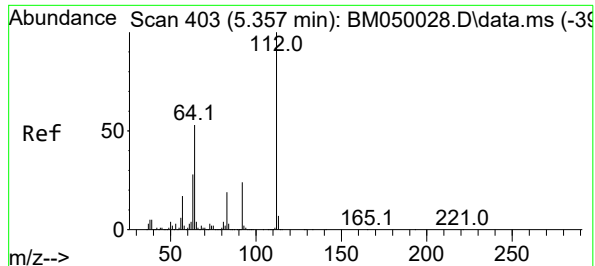
Ion Ratio Lower Upper

42 100

74 157.9 120.2 180.2

44 16.6 6.2 9.2





#5

2-Fluorophenol

Concen: 18.894 ng

RT: 5.363 min Scan# 403

Delta R.T. 0.006 min

Lab File: BM050026.D

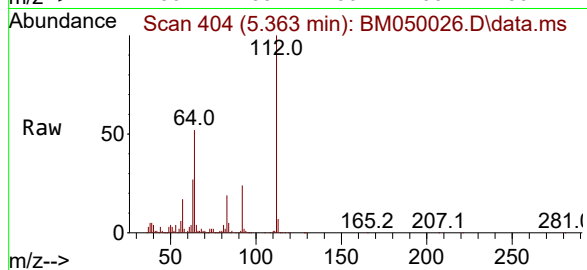
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:112 Resp: 269870

Ion Ratio Lower Upper

112 100

64 52.1 42.6 64.0

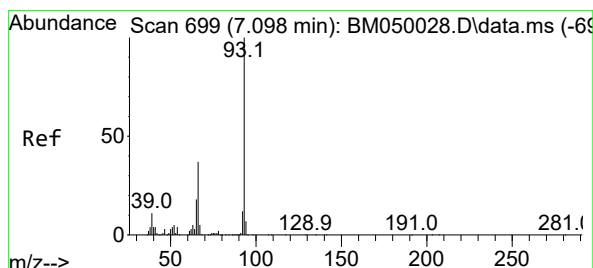
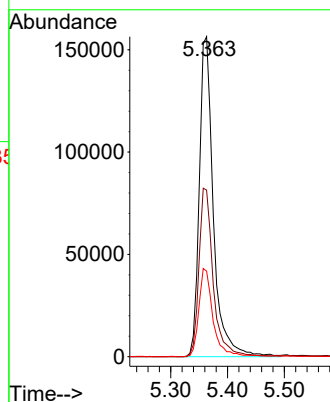
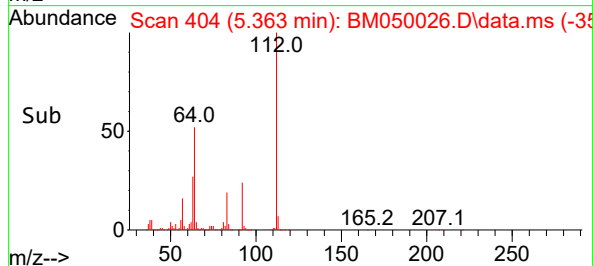
63 26.8 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 9.319 ng

RT: 7.098 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

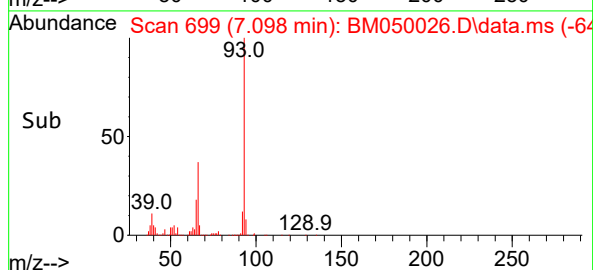
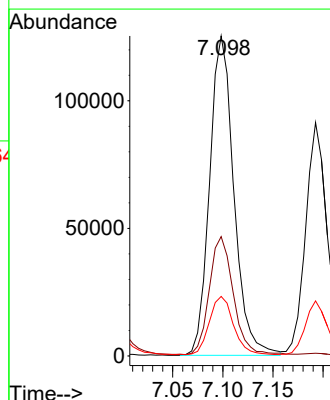
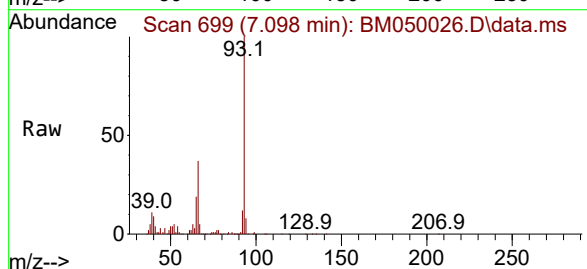
Tgt Ion: 93 Resp: 211256

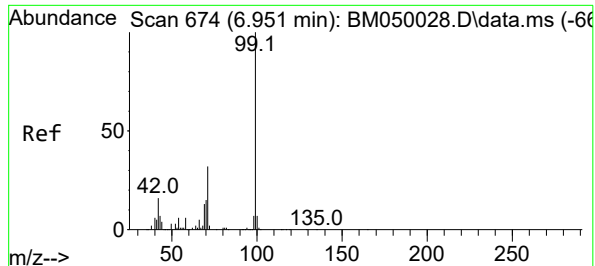
Ion Ratio Lower Upper

93 100

66 37.3 29.9 44.9

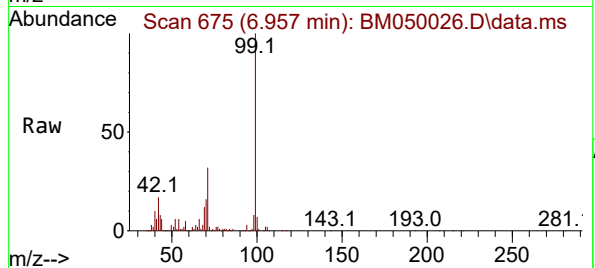
65 18.6 14.5 21.7





#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

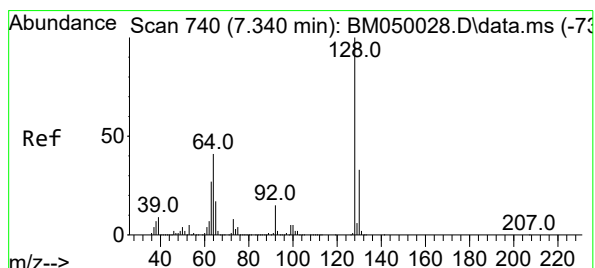
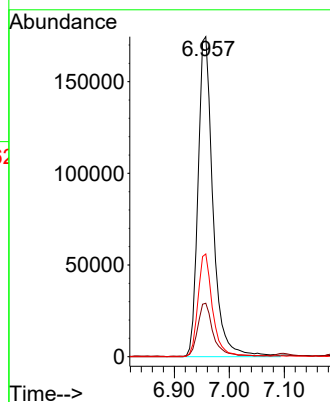
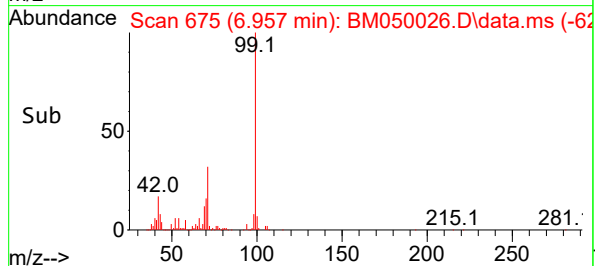
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 32970
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.4
71 32.1 25.6 38.4

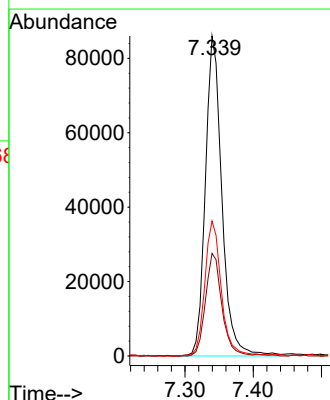
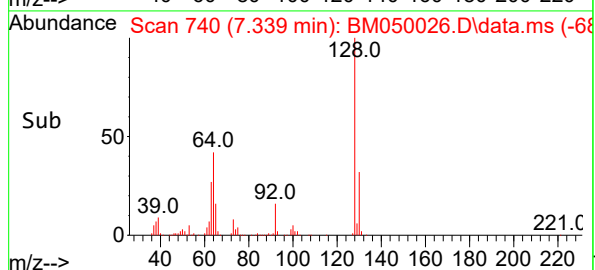
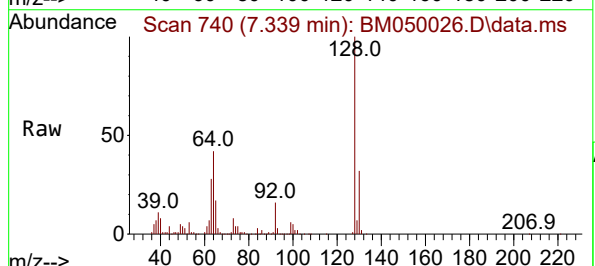
Manual Integrations
APPROVED

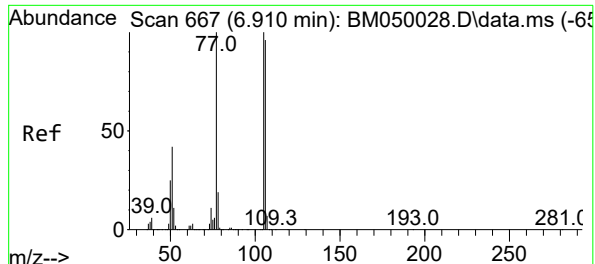
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 9.404 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 145228
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 42.2 21.2 61.2





#9

Benzaldehyde

Concen: 9.587 ng m

RT: 6.916 min Scan# 667

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 115030

Ion Ratio Lower Upper

77 100

105 101.6 80.5 120.5

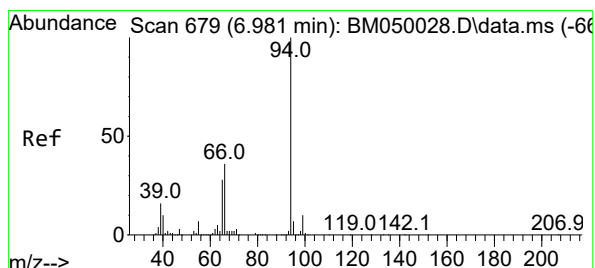
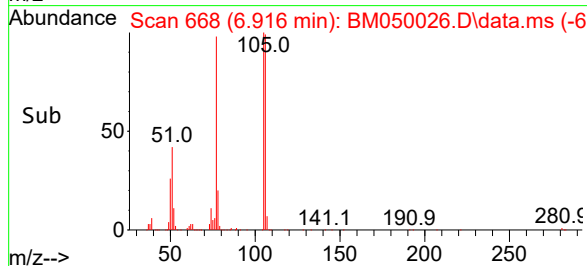
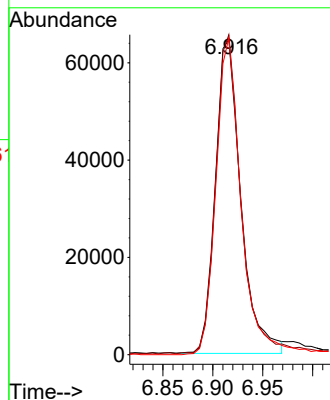
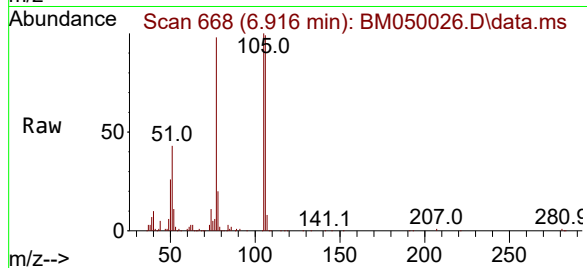
106 100.5 76.1 116.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#10

Phenol

Concen: 9.246 ng

RT: 6.981 min Scan# 679

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

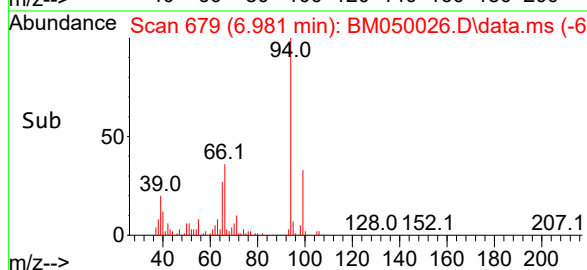
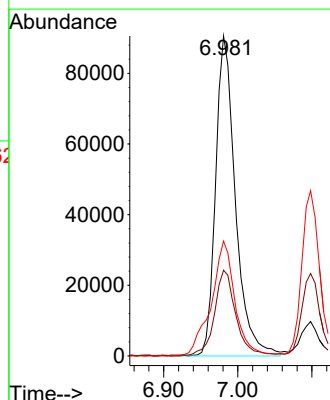
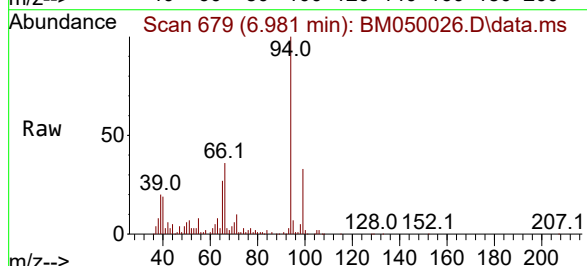
Tgt Ion: 94 Resp: 168041

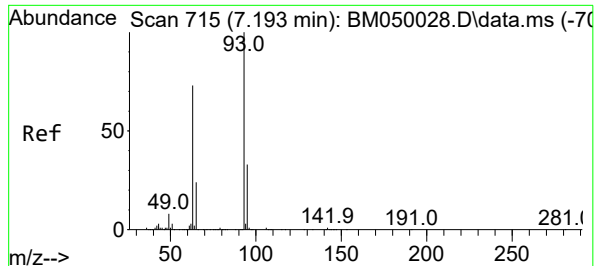
Ion Ratio Lower Upper

94 100

65 26.8 7.6 47.6

66 35.9 15.8 55.8





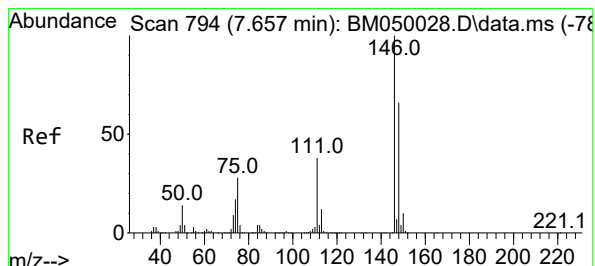
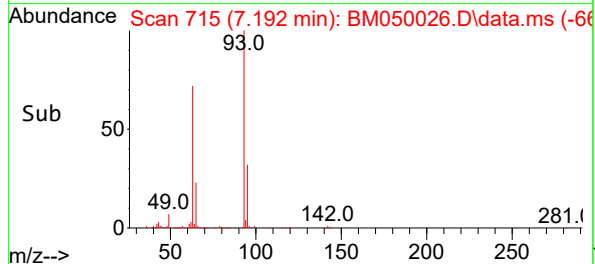
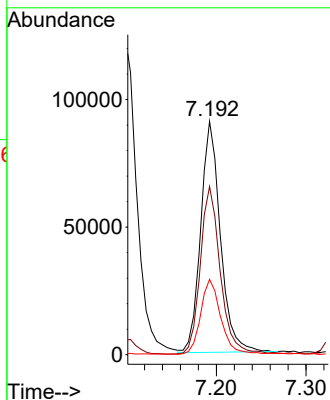
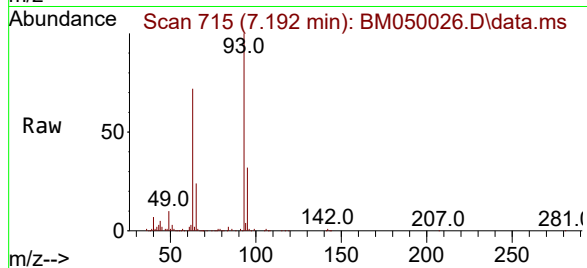
#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 13819
Ion Ratio Lower Upper
93 100
63 72.0 52.3 92.3
95 32.3 12.8 52.8

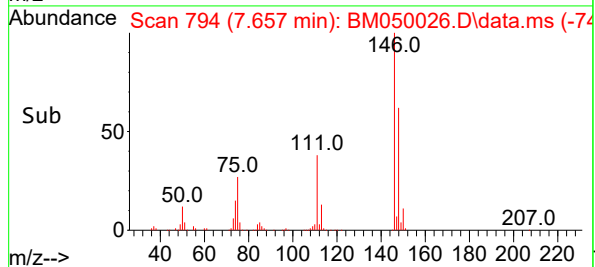
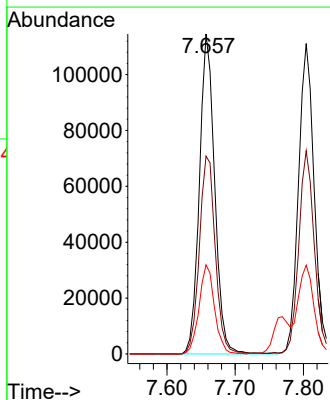
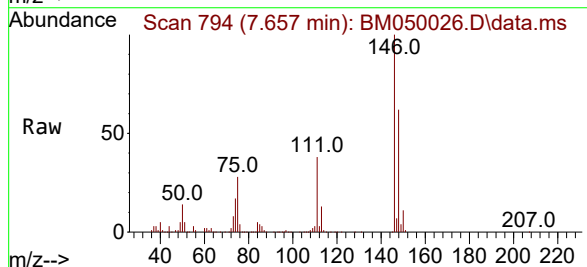
Manual Integrations
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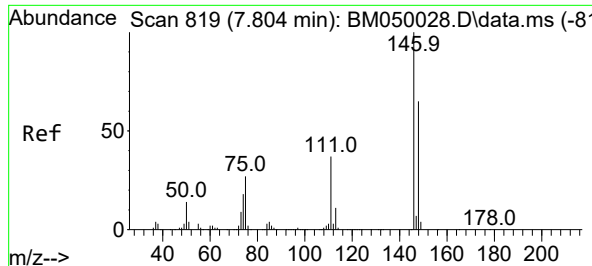
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 9.572 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 178565
Ion Ratio Lower Upper
146 100
148 61.8 52.5 78.7
75 27.8 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 9.461 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 177312

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

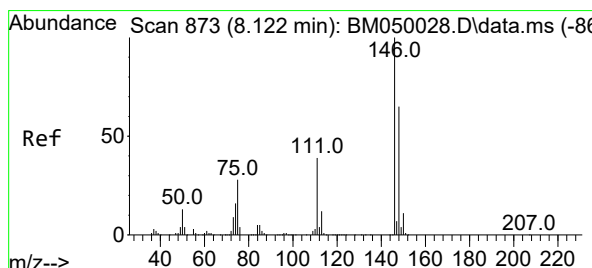
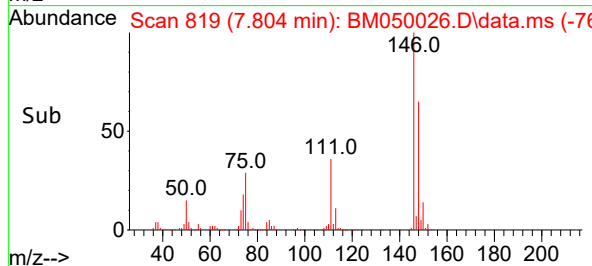
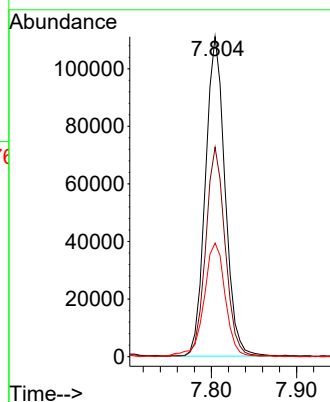
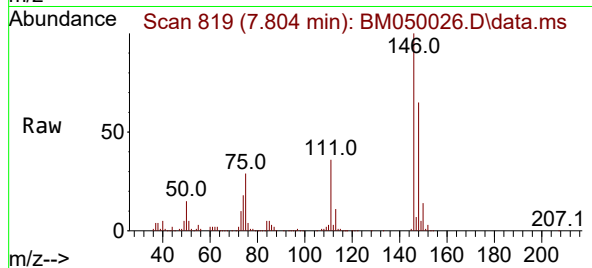
111 35.5 29.3 43.9

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 9.624 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

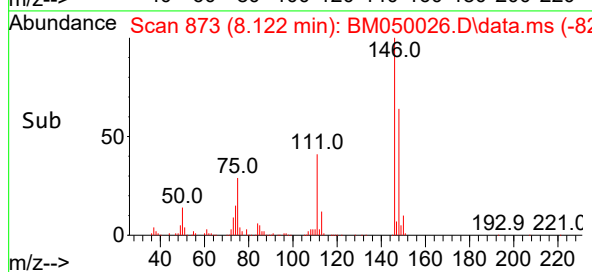
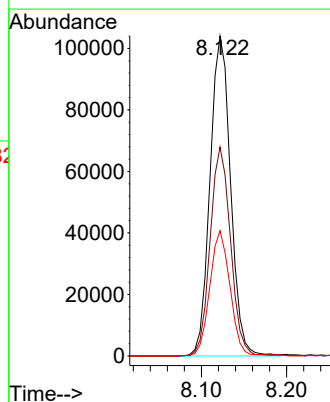
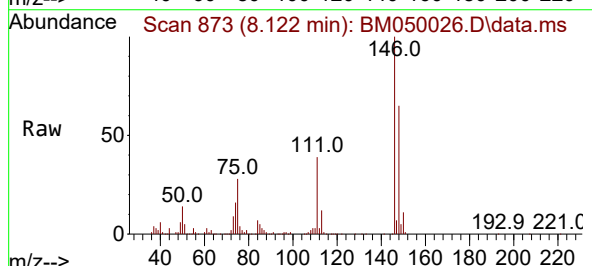
Tgt Ion:146 Resp: 174224

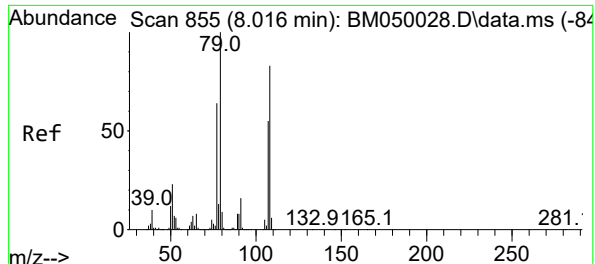
Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

111 39.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 8.854 ng

RT: 8.022 min Scan# 855

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 110234

Ion Ratio Lower Upper

79 100

108 83.7 66.0 99.0

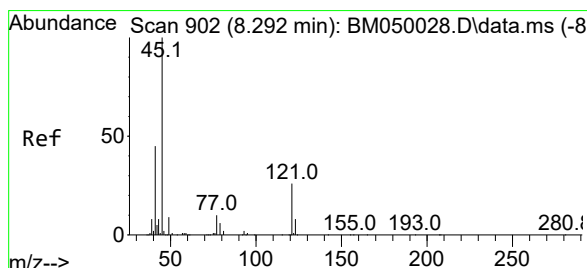
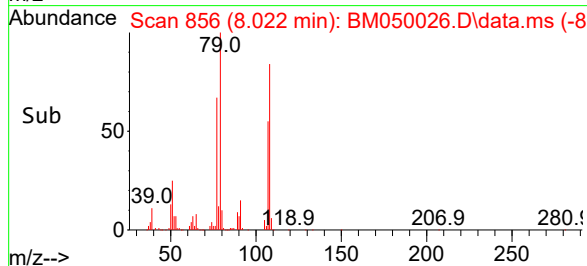
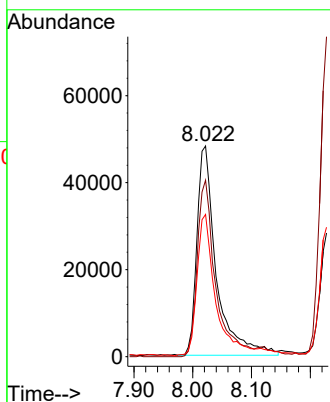
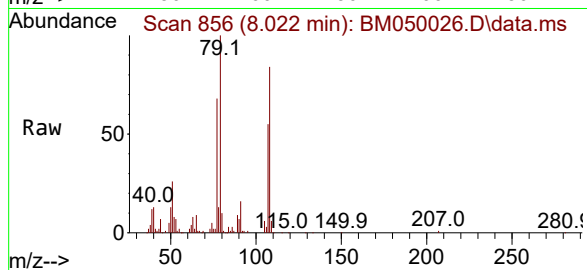
77 67.5 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.637 ng

RT: 8.292 min Scan# 902

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

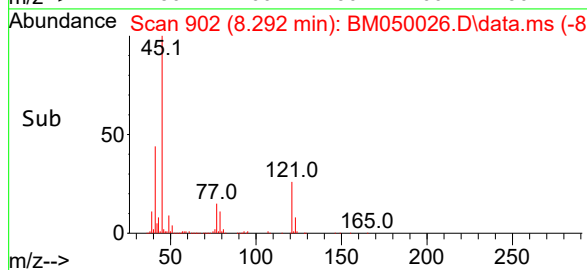
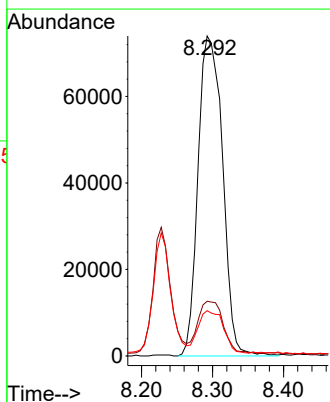
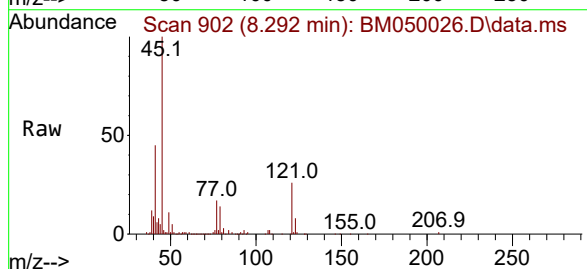
Tgt Ion: 45 Resp: 177776

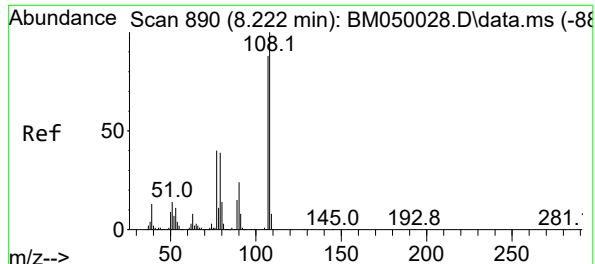
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.4

79 14.1 0.0 32.7





#17

2-Methylphenol

Concen: 9.325 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 111639

Ion Ratio Lower Upper

107 100

108 115.1 91.1 136.7

77 46.6 36.2 54.4

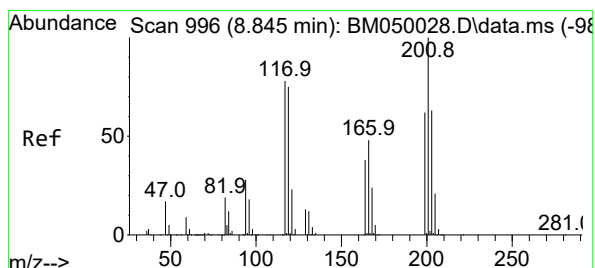
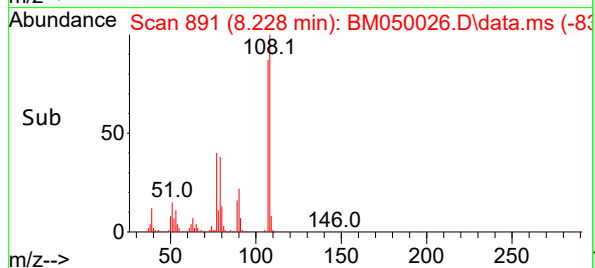
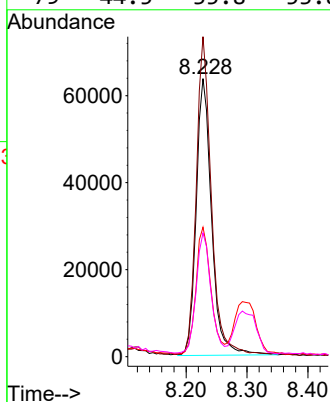
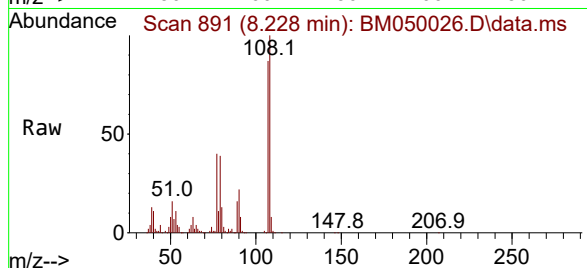
79 44.5 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 9.530 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

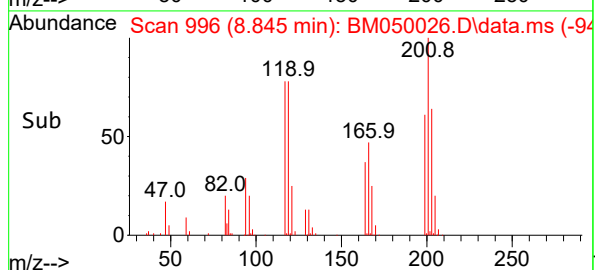
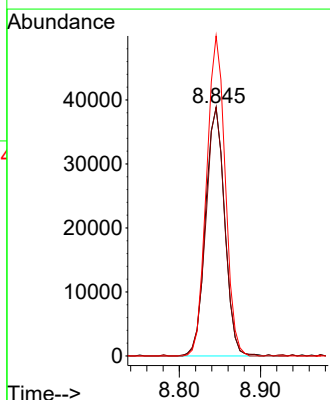
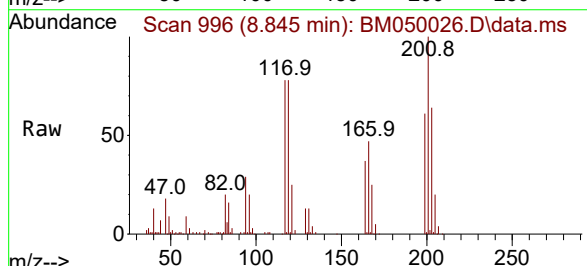
Tgt Ion:117 Resp: 63487

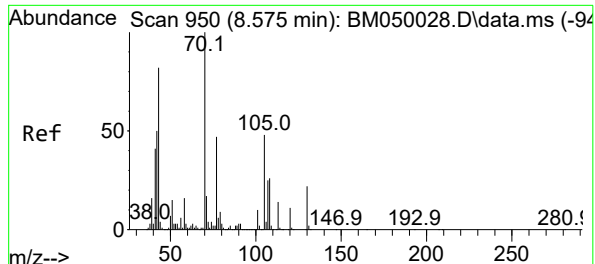
Ion Ratio Lower Upper

117 100

119 100.3 77.3 115.9

201 129.0 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.609 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 11064

Ion Ratio Lower Upper

70 100

42 51.9 40.5 60.7

101 8.8 7.8 11.6

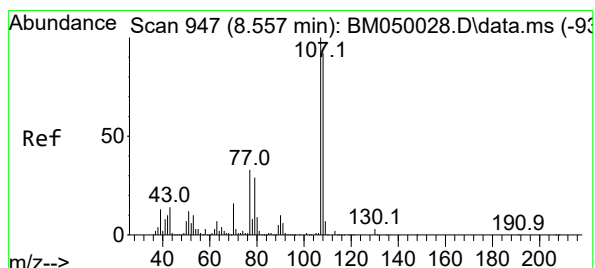
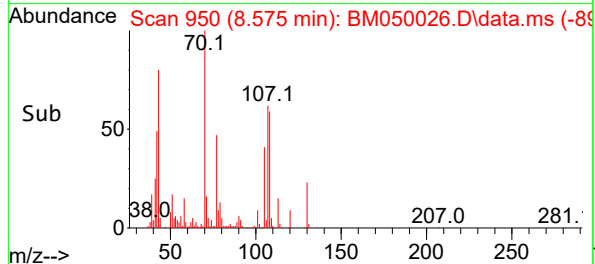
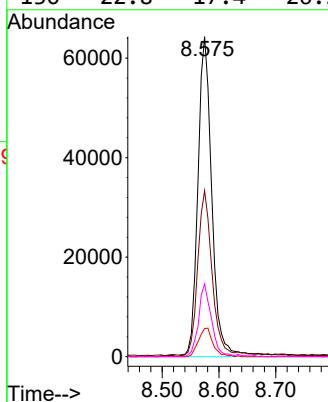
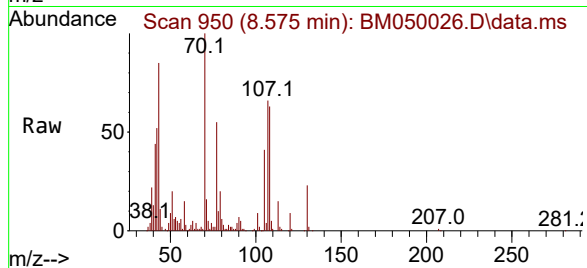
130 22.8 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 9.049 ng

RT: 8.563 min Scan# 948

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

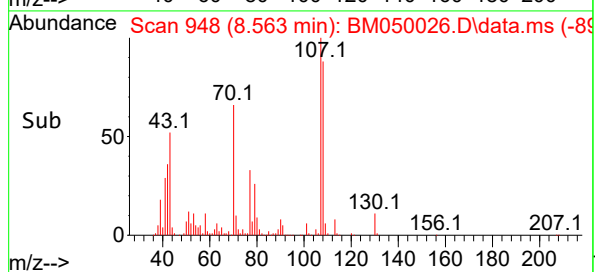
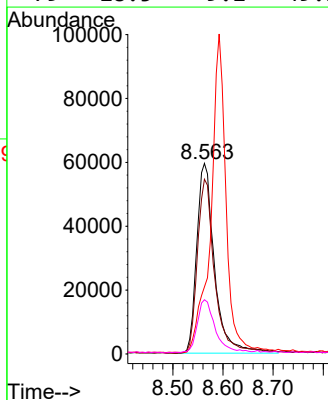
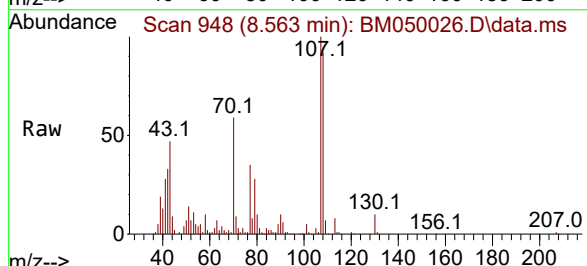
Ion Ratio Lower Upper

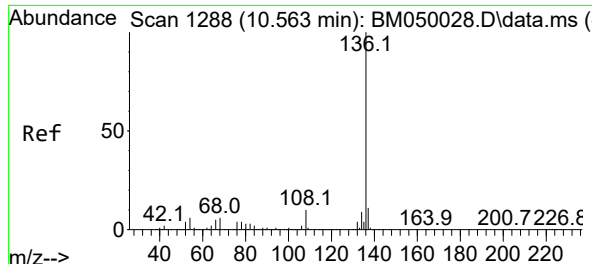
107 100

108 91.7 72.4 112.4

77 35.2 13.6 53.6

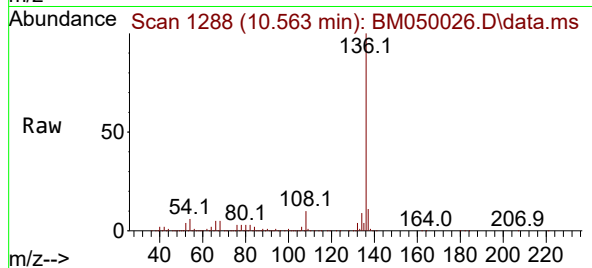
79 28.5 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

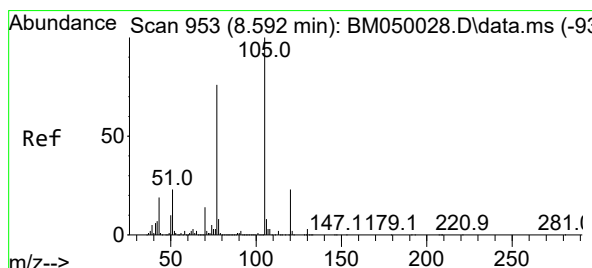
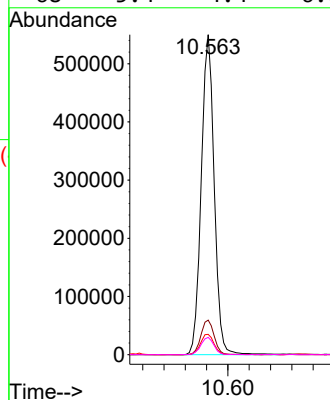
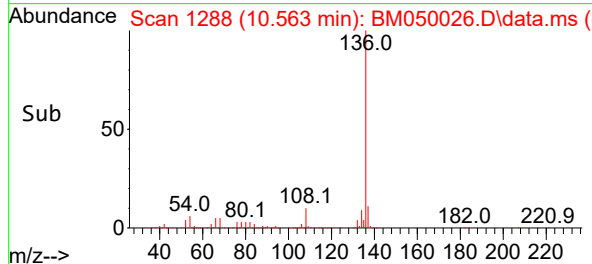
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 926512
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.3 5.1 7.7
68 5.4 4.4 6.6

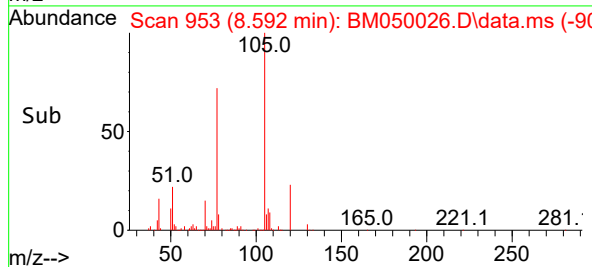
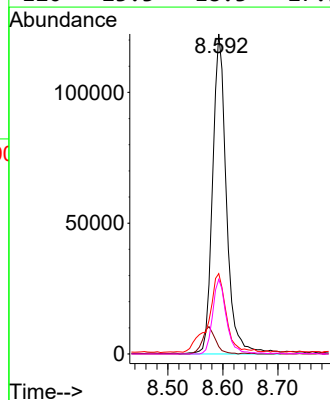
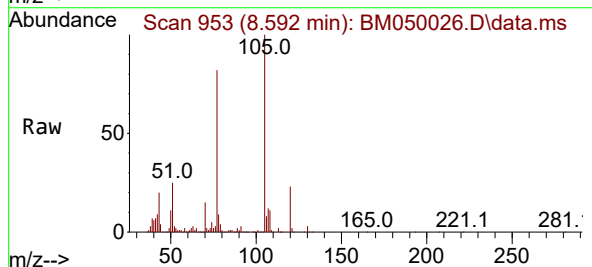
Manual Integrations
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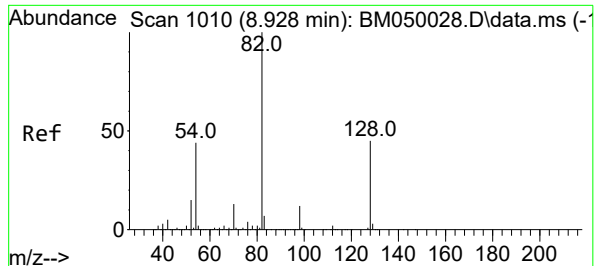
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 9.325 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

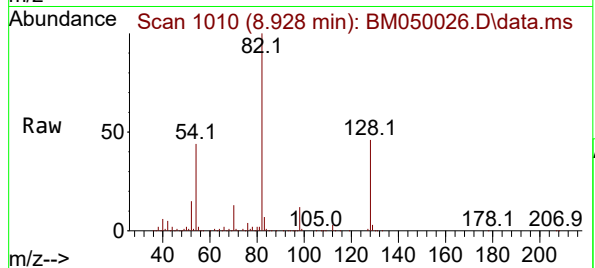
Tgt Ion:105 Resp: 214790
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 25.1 18.6 27.8
120 23.3 18.3 27.5





#23
Nitrobenzene-d5
Concen: 18.420 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

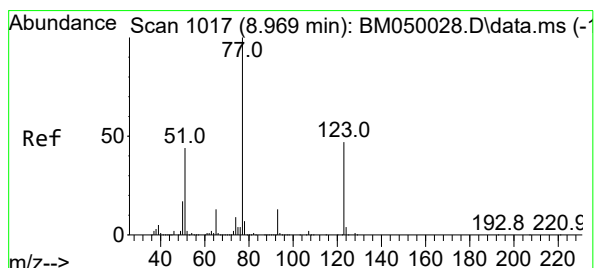
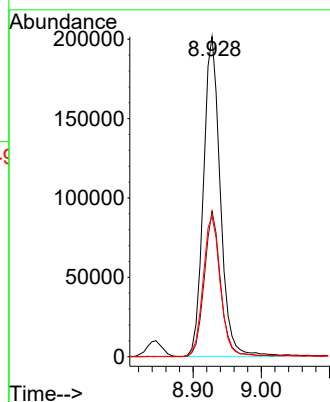
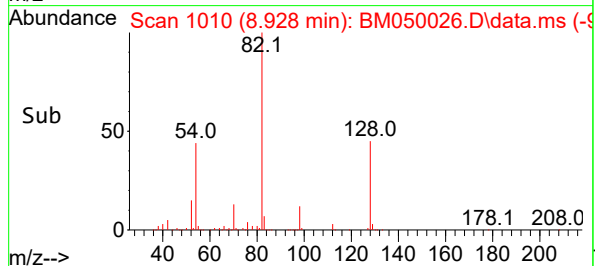
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 346334
Ion Ratio Lower Upper
82 100
128 45.5 35.7 53.5
54 43.9 35.4 53.2

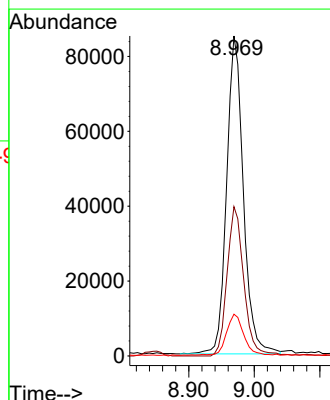
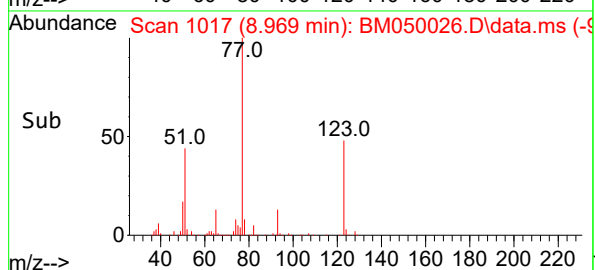
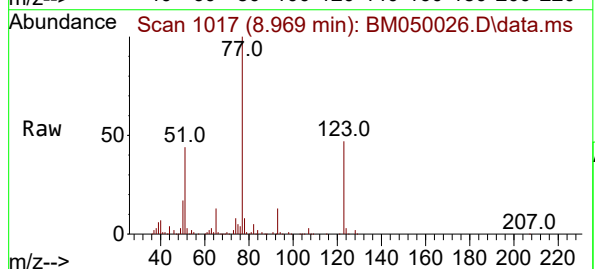
Manual Integrations
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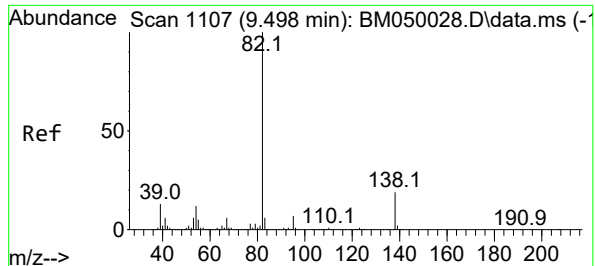
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 9.259 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

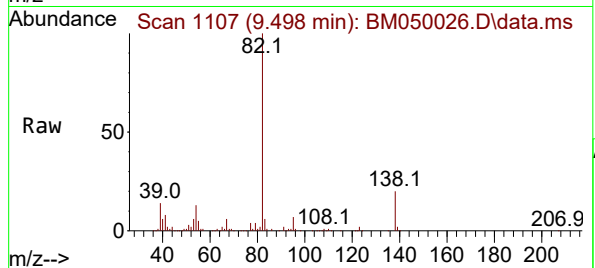
Tgt Ion: 77 Resp: 150534
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 13.0 10.1 15.1





#25
Isophorone
Concen: 9.366 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

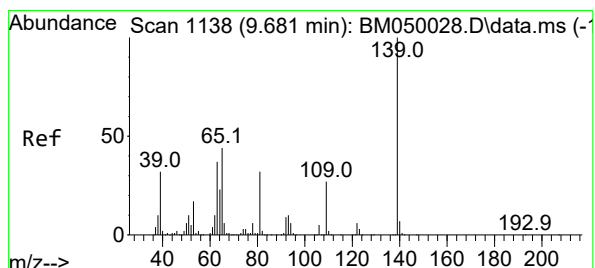
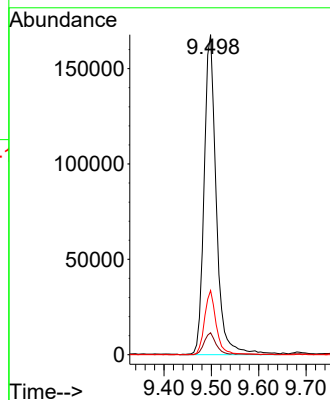
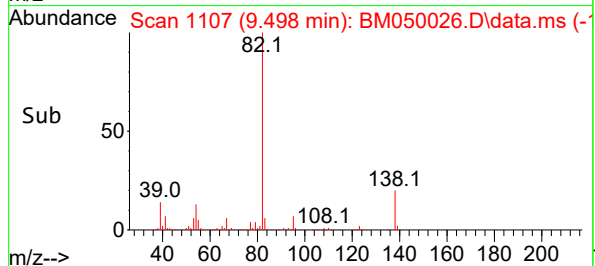
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 300179
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 20.1 15.5 23.3

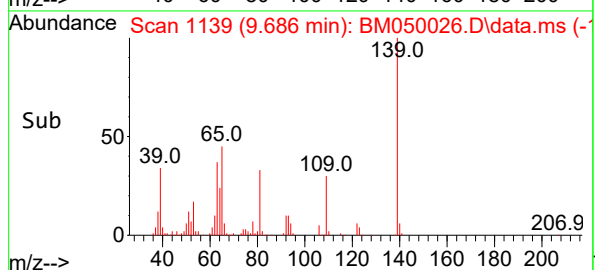
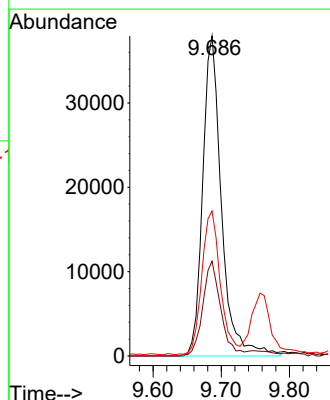
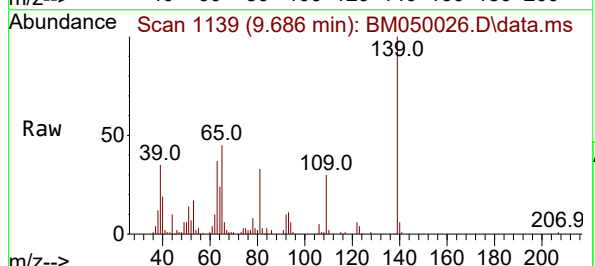
Manual Integrations
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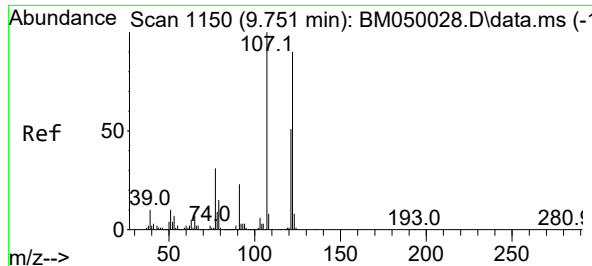
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 8.732 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

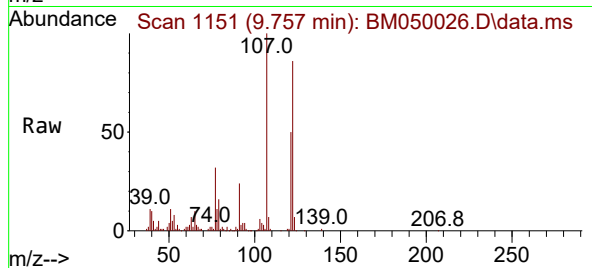
Tgt Ion:139 Resp: 72521
Ion Ratio Lower Upper
139 100
109 29.6 21.9 32.9
65 45.3 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 8.960 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

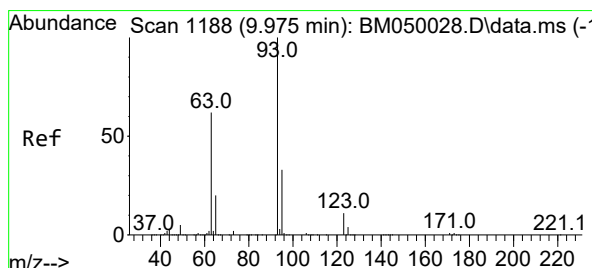
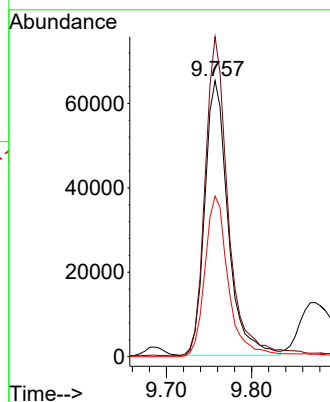
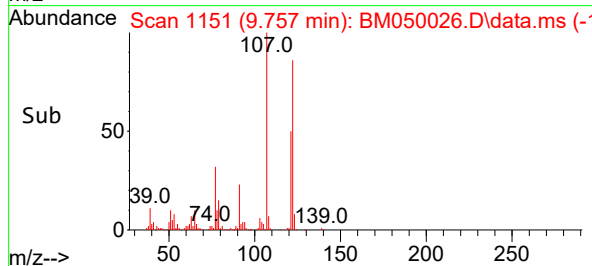
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 123400
Ion Ratio Lower Upper
122 100
107 115.9 89.0 133.6
121 58.2 45.6 68.4

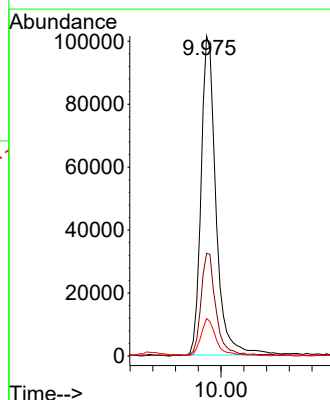
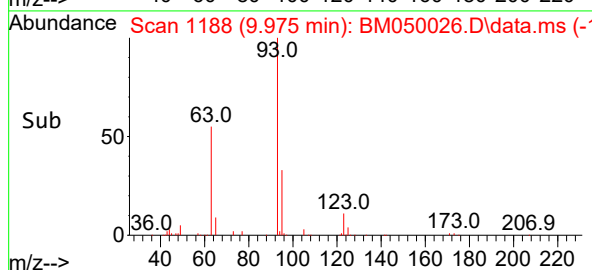
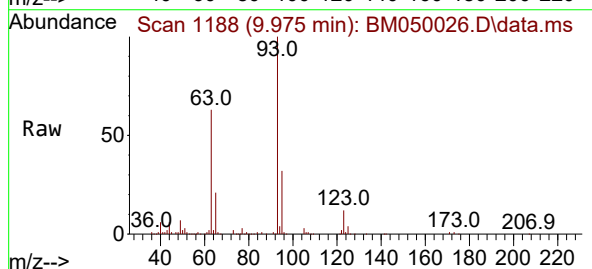
Manual Integrations
APPROVED

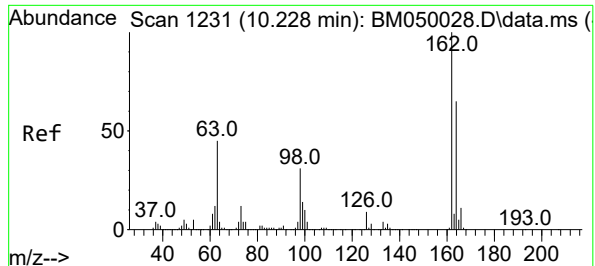
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 9.331 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 184837
Ion Ratio Lower Upper
93 100
95 32.0 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 8.938 ng

RT: 10.245 min Scan# 1234

Delta R.T. 0.018 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 137910

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

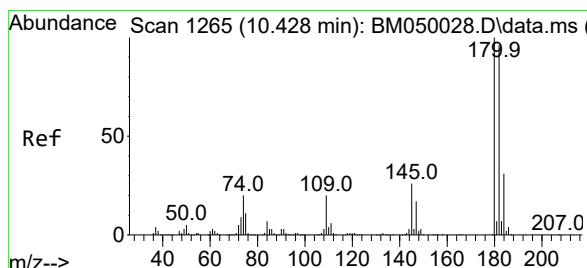
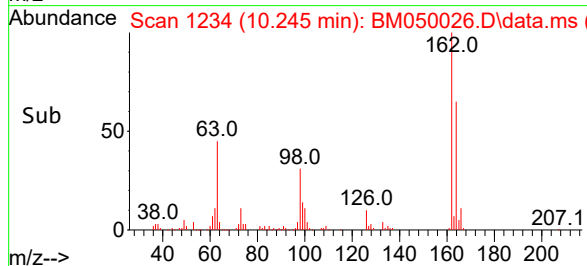
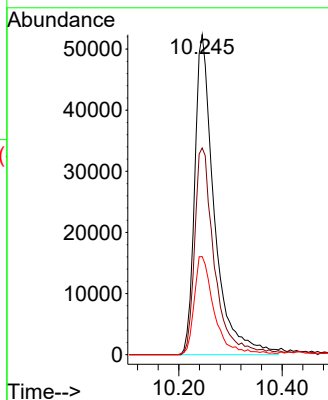
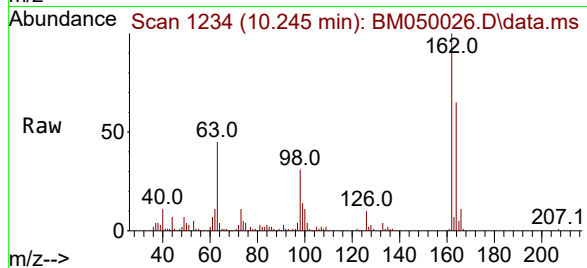
98 30.7 11.3 51.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.453 ng

RT: 10.428 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

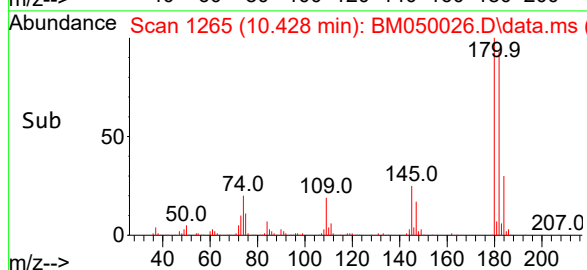
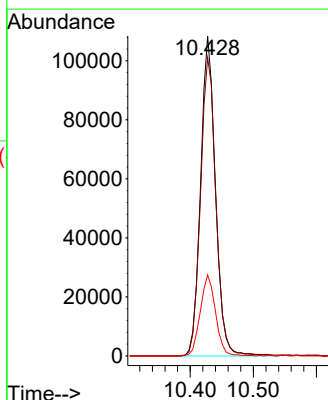
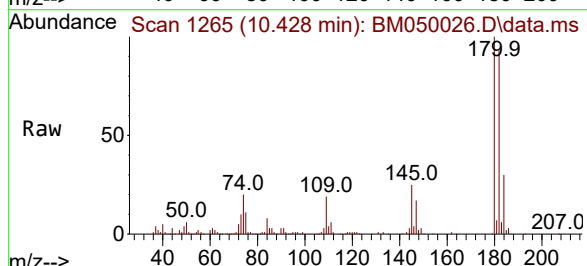
Tgt Ion:180 Resp: 177721

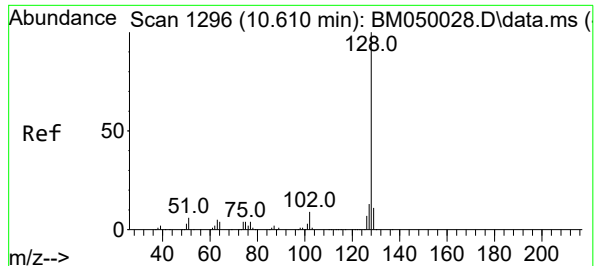
Ion Ratio Lower Upper

180 100

182 93.2 77.0 115.4

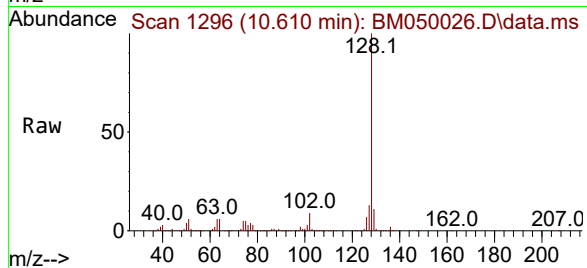
145 25.3 20.6 30.8





#31
Naphthalene
Concen: 9.467 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

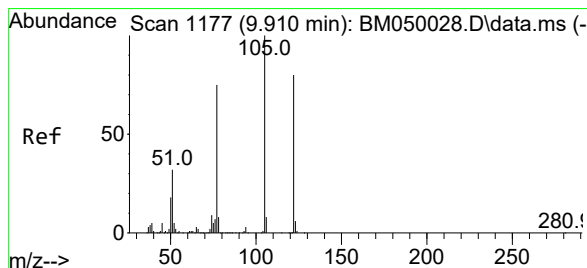
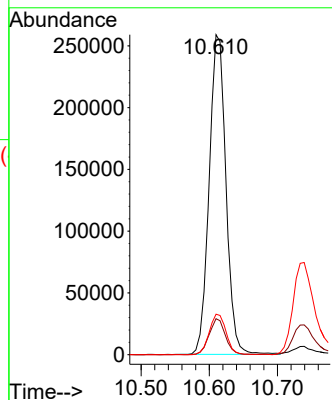
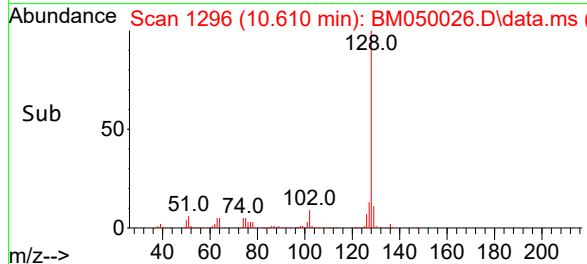
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 444200
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.7 10.4 15.6

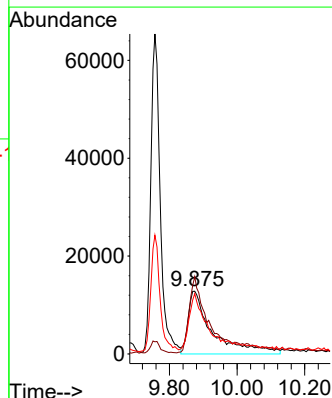
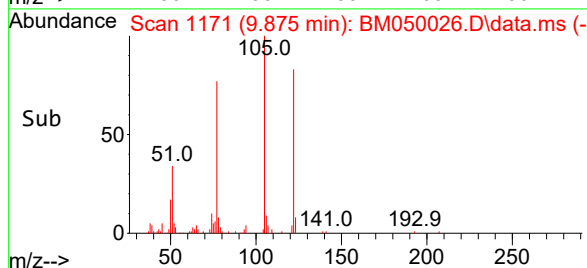
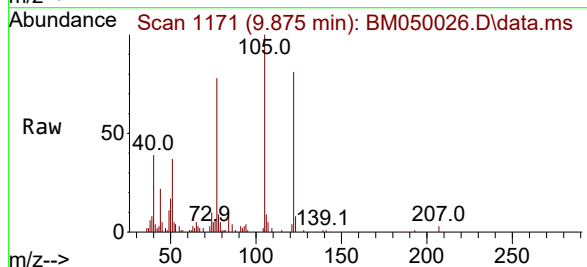
Manual Integrations
APPROVED

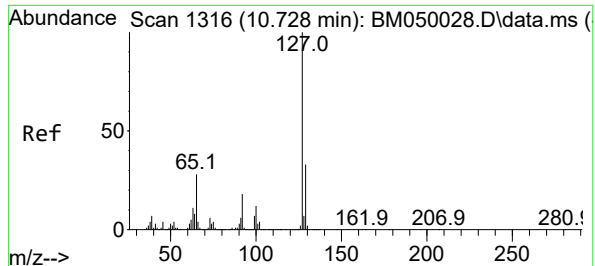
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 7.282 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

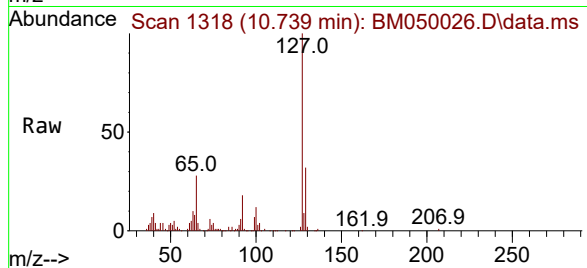
Tgt Ion:122 Resp: 63971
Ion Ratio Lower Upper
122 100
105 123.3 103.6 143.6
77 96.2 73.7 113.7





#33
4-Chloroaniline
Concen: 9.458 ng
RT: 10.739 min Scan# 1316
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

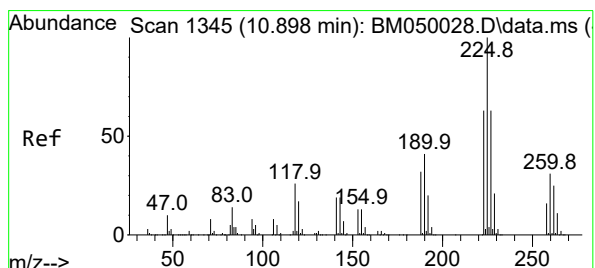
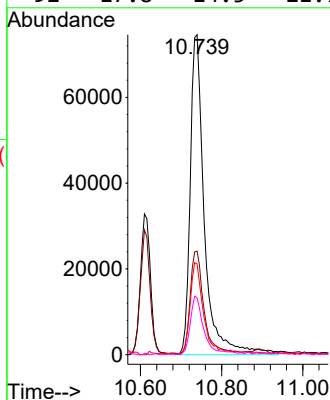
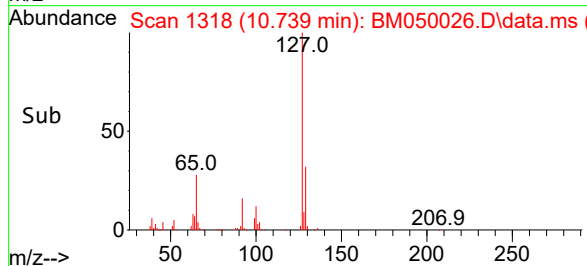
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



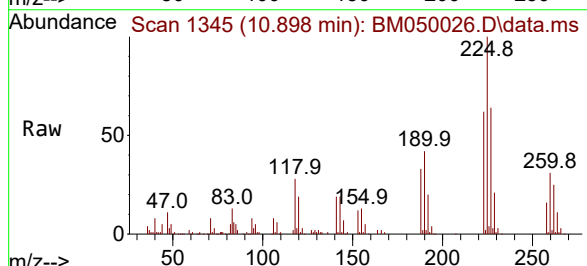
Tgt Ion:127 Resp: 18190
Ion Ratio Lower Upper
127 100
129 32.4 26.3 39.5
65 28.4 22.5 33.7
92 17.8 14.5 21.7

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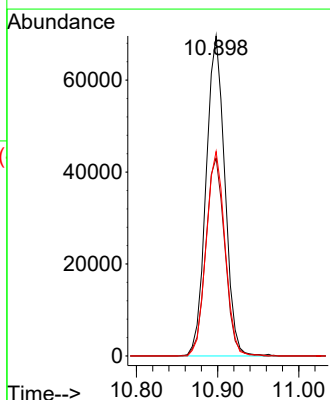
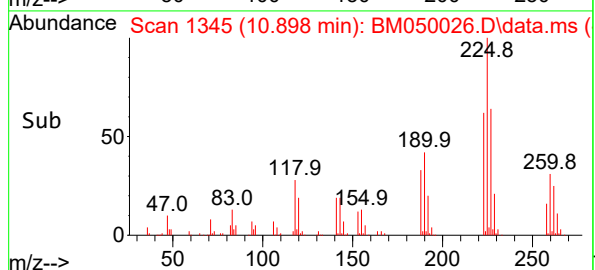
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

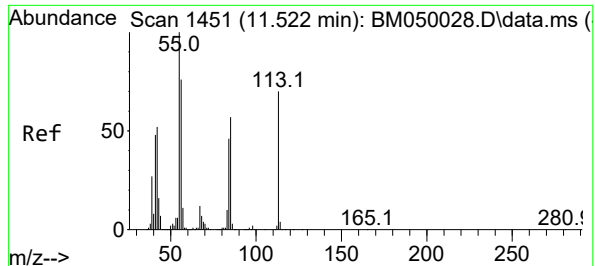


#34
Hexachlorobutadiene
Concen: 9.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



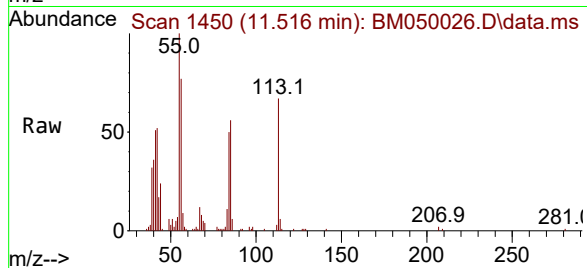
Tgt Ion:225 Resp: 111307
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.2
227 63.9 50.6 76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

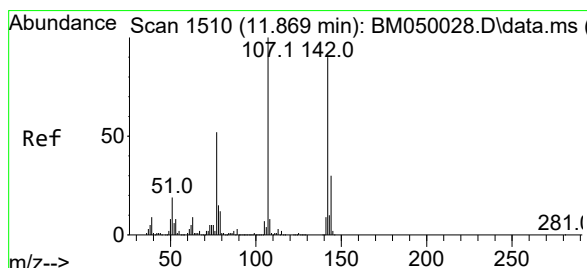
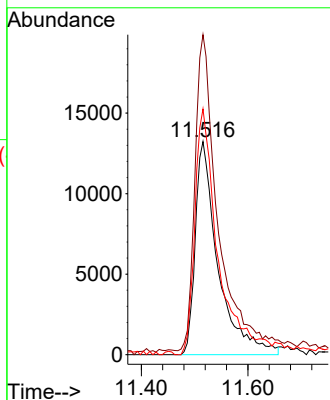
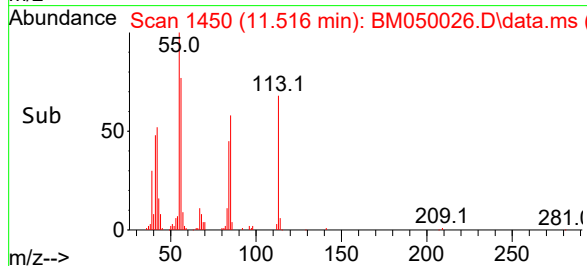
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



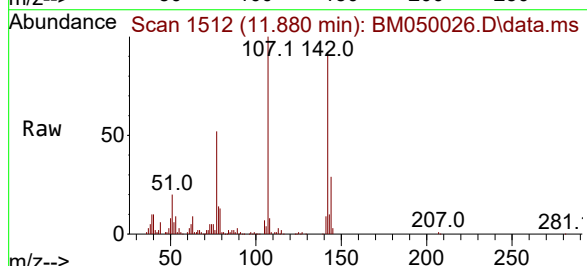
Tgt Ion:113 Resp: 39344
Ion Ratio Lower Upper
113 100
55 150.2 122.9 162.9
56 115.3 88.1 128.1

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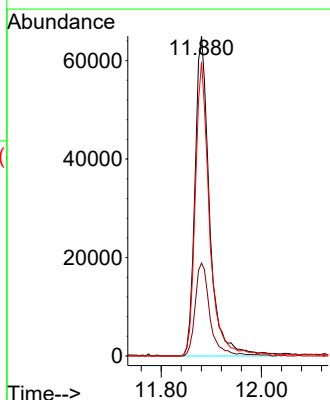
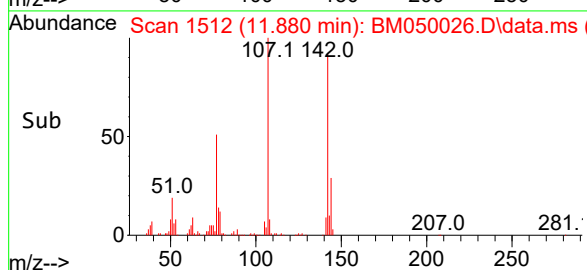
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

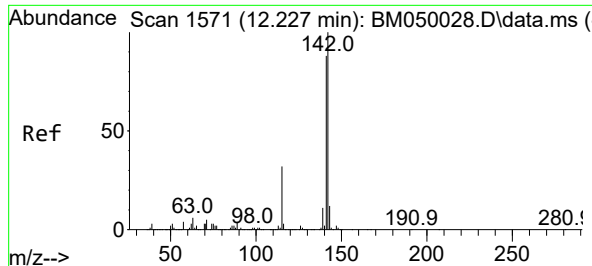


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



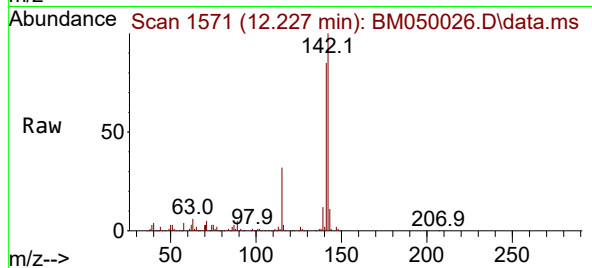
Tgt Ion:107 Resp: 131076
Ion Ratio Lower Upper
107 100
144 29.1 23.8 35.6
142 91.9 71.9 107.9





#37
2-Methylnaphthalene
Concen: 9.411 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

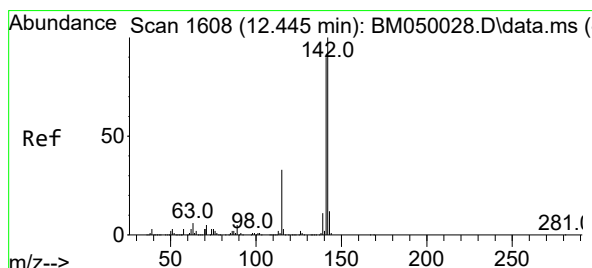
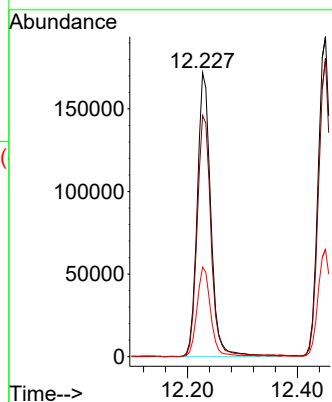
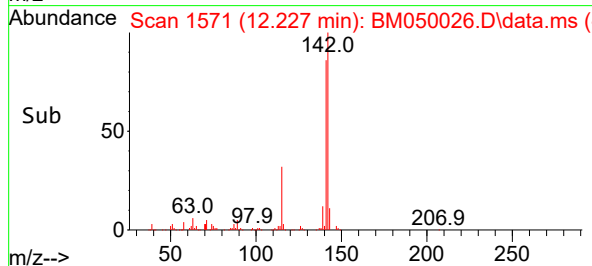
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 29605
Ion Ratio Lower Upper
142 100
141 85.0 70.4 105.6
115 31.5 25.4 38.2

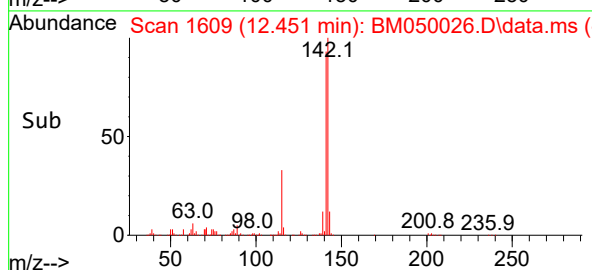
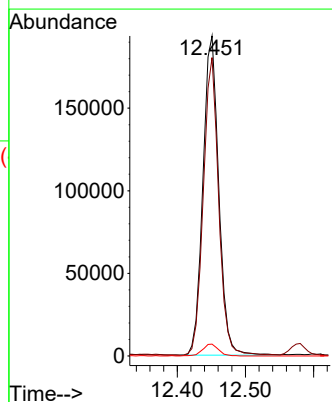
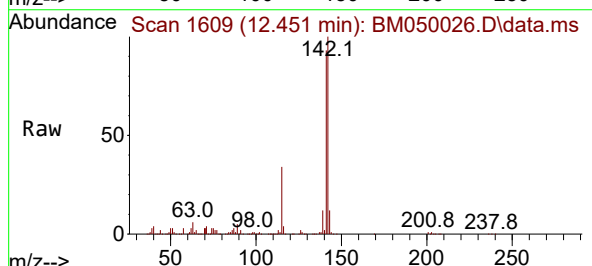
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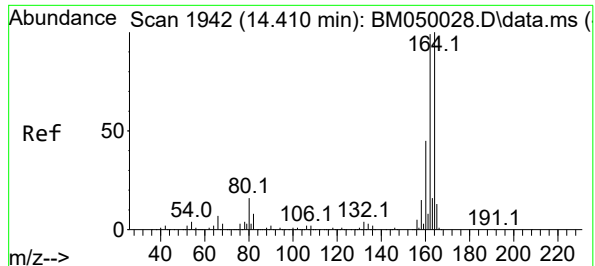
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 9.387 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 312512
Ion Ratio Lower Upper
142 100
141 93.3 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 636652

Ion Ratio Lower Upper

164 100

162 97.3 79.4 119.0

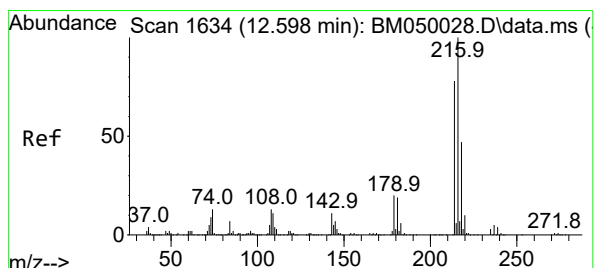
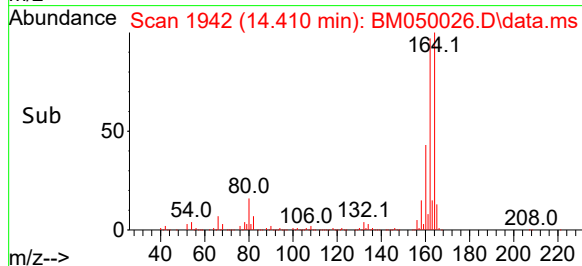
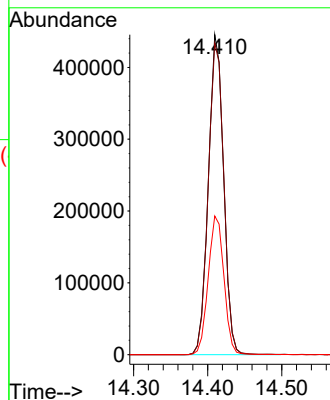
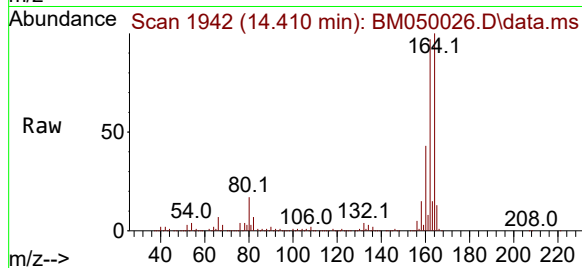
160 43.3 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.981 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

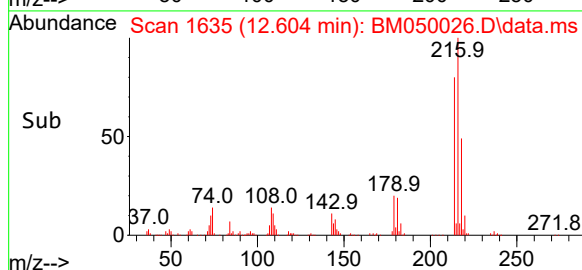
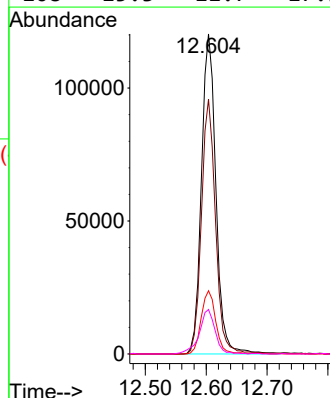
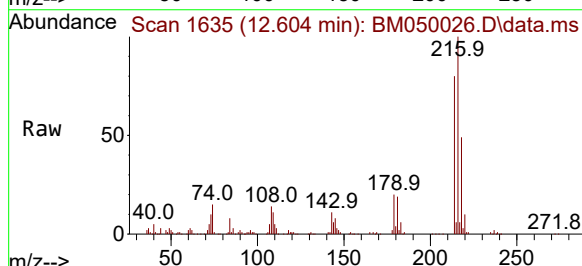
Ion Ratio Lower Upper

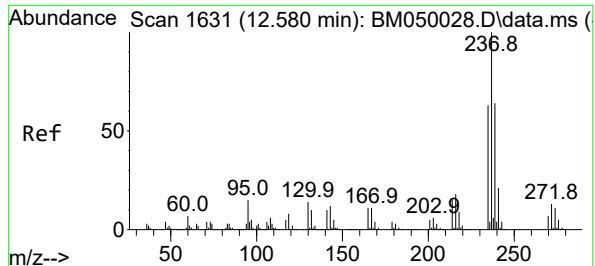
216 100

214 77.7 62.3 93.5

179 20.0 15.4 23.0

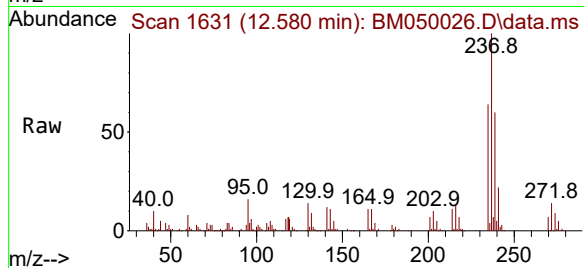
108 15.3 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 7.166 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

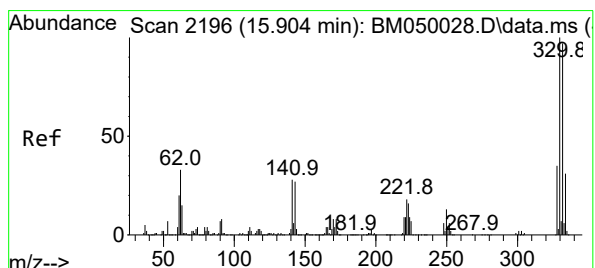
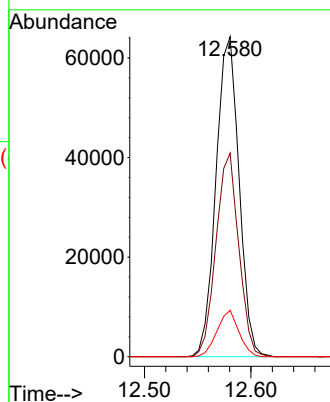
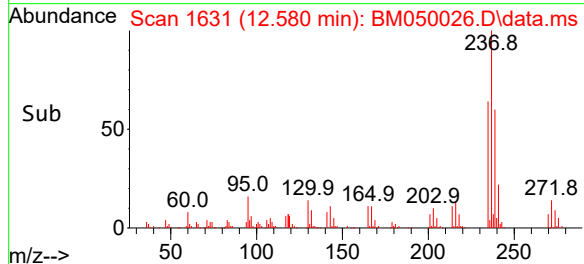
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



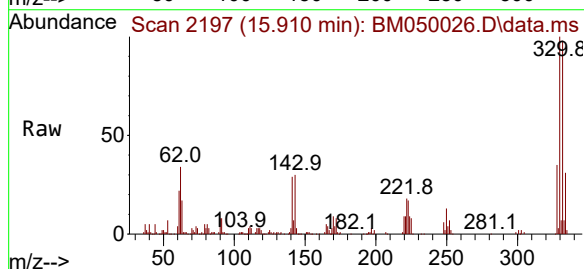
Tgt Ion:237 Resp: 9652
Ion Ratio Lower Upper
237 100
235 63.6 42.9 82.9
272 14.5 0.0 32.9

Manual Integrations
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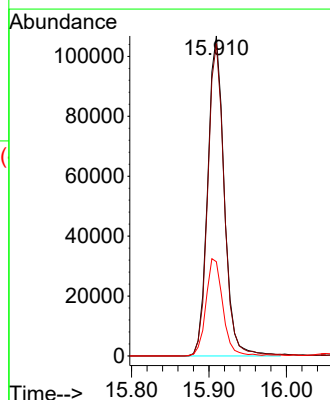
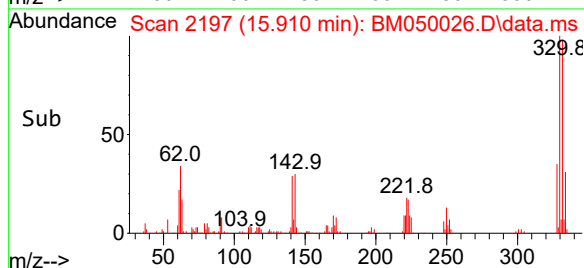
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

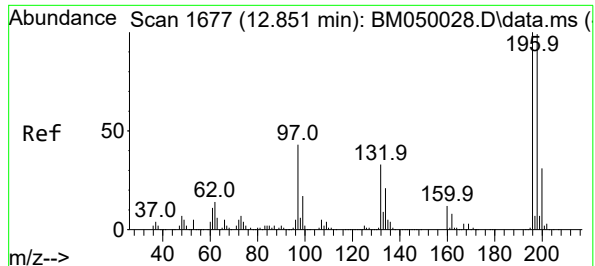


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



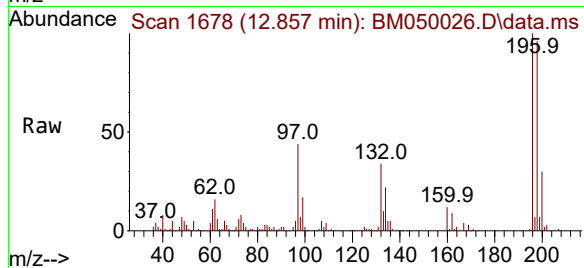
Tgt Ion:330 Resp: 158339
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.1 22.5 33.7





#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 12.857 min Scan# 1677
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

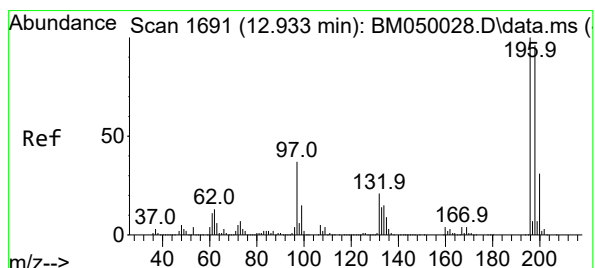
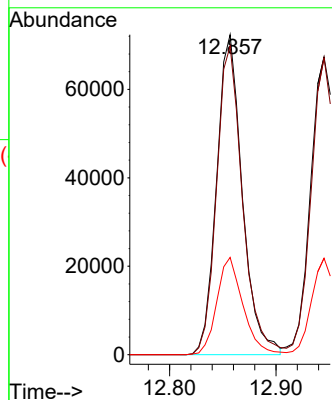
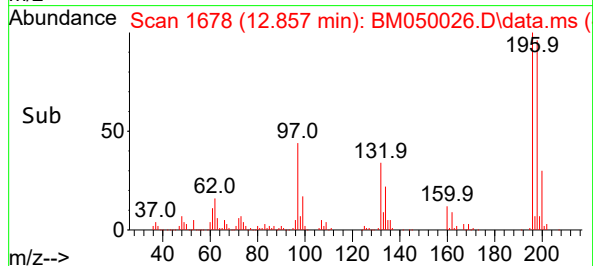
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 121240
Ion Ratio Lower Upper
196 100
198 96.5 79.0 118.6
200 30.4 25.1 37.7

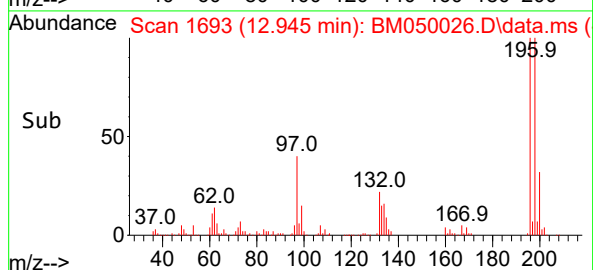
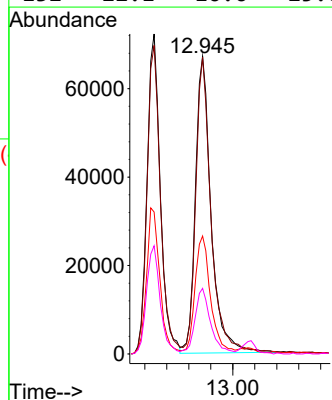
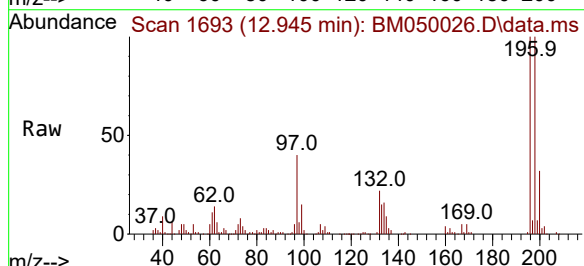
Manual Integrations
APPROVED

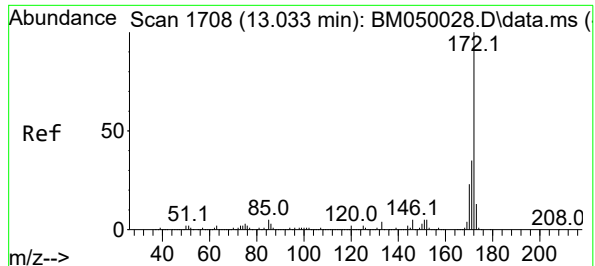
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#44
2,4,5-Trichlorophenol
Concen: 8.815 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

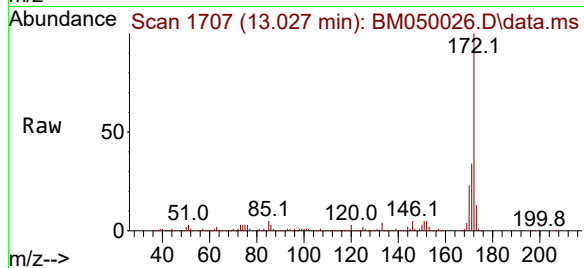
Tgt Ion:196 Resp: 132882
Ion Ratio Lower Upper
196 100
198 99.7 76.7 115.1
97 39.6 30.1 45.1
132 22.1 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 18.394 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

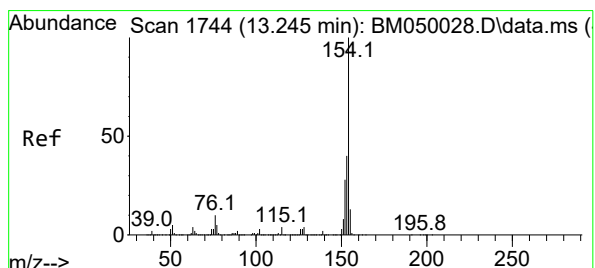
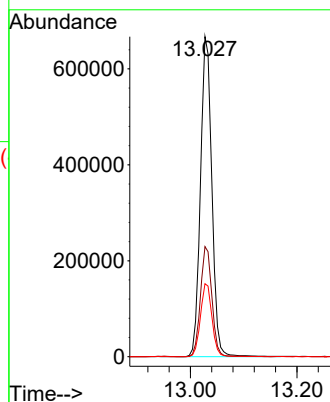
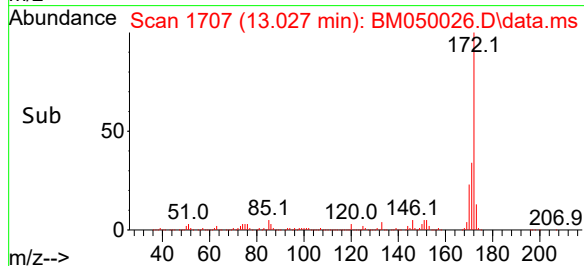
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



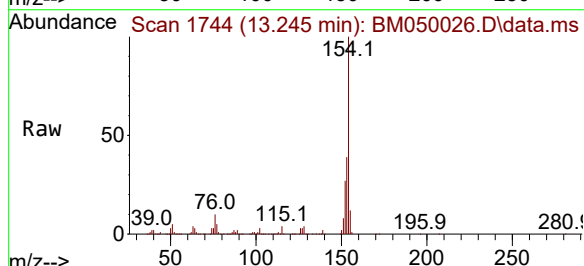
Tgt Ion:172 Resp: 989917
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.8 18.6 28.0

Manual Integrations
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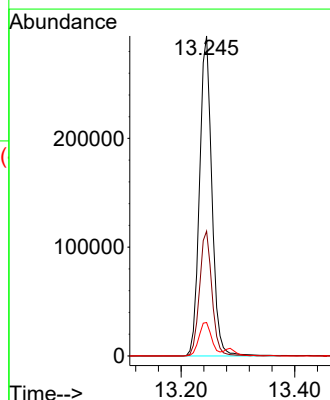
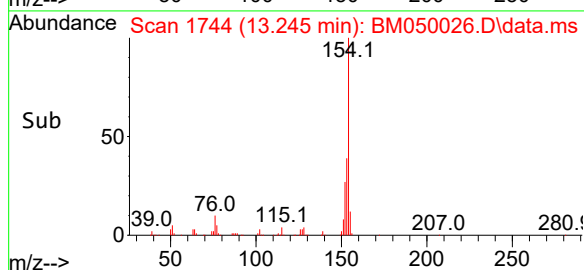
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

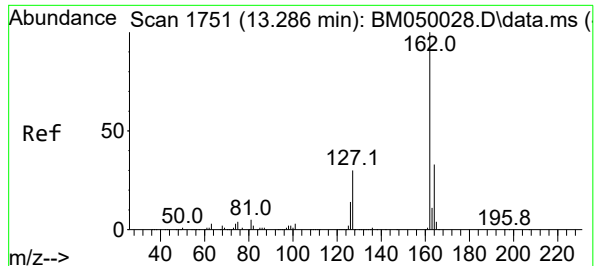


#46
1,1'-Biphenyl
Concen: 9.381 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



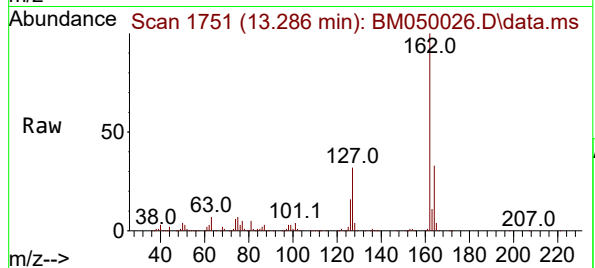
Tgt Ion:154 Resp: 443960
Ion Ratio Lower Upper
154 100
153 39.0 20.0 60.0
76 10.4 0.0 30.3





#47
2-Chloronaphthalene
Concen: 9.447 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

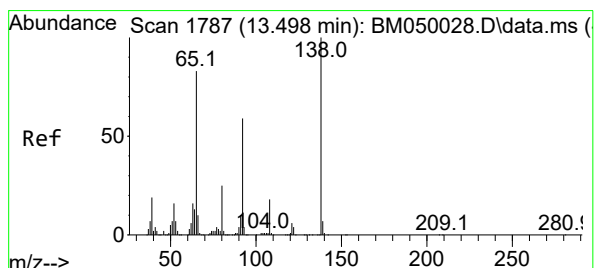
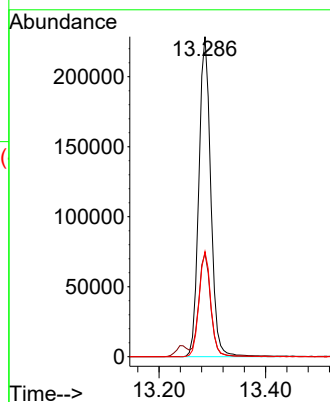
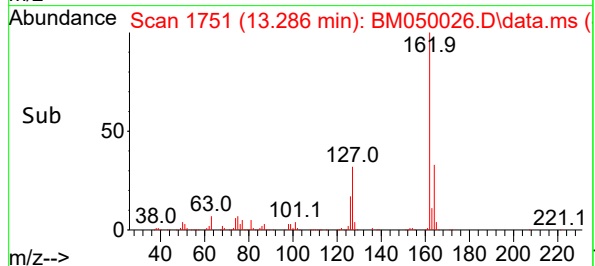
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 35410
Ion Ratio Lower Upper
162 100
127 32.3 25.9 38.9
164 32.8 26.6 40.0

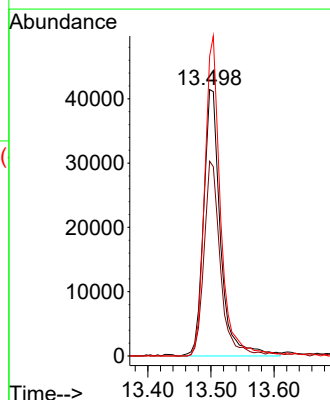
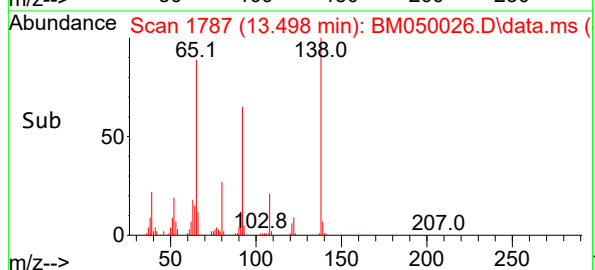
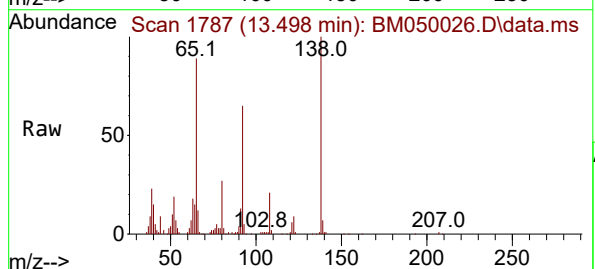
Manual Integrations
APPROVED

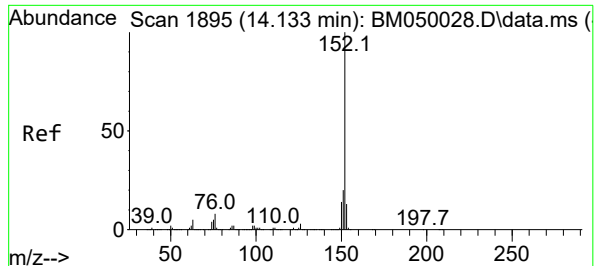
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

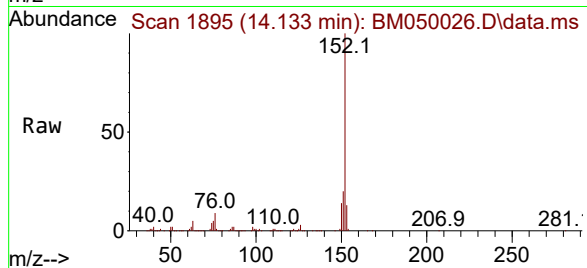
Tgt Ion: 65 Resp: 77101
Ion Ratio Lower Upper
65 100
92 73.1 57.1 85.7
138 112.5 97.0 145.4





#49
Acenaphthylene
Concen: 9.235 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

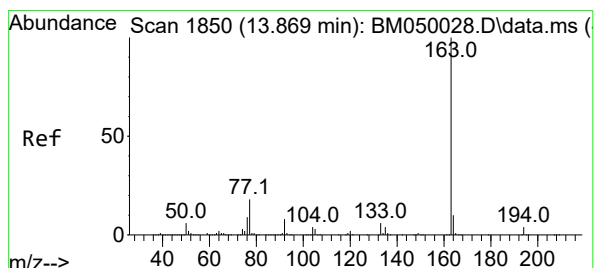
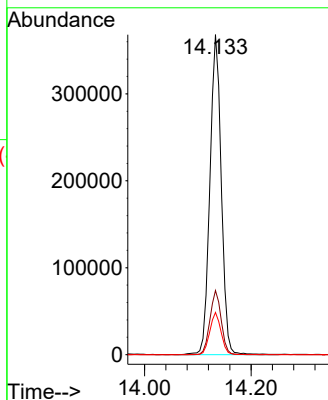
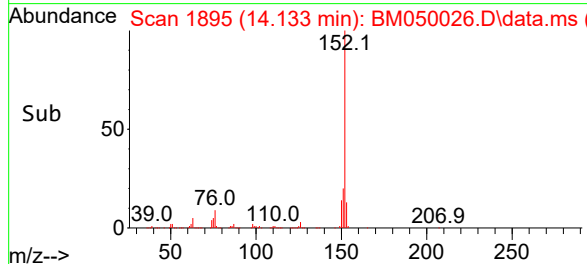
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



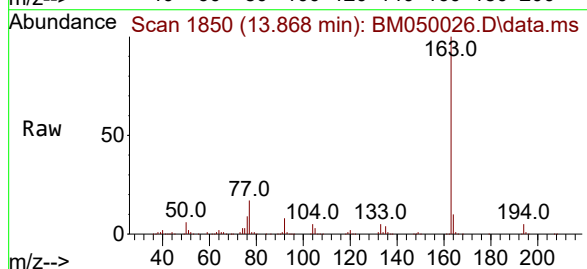
Tgt Ion:152 Resp: 545774
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8

Manual Integrations
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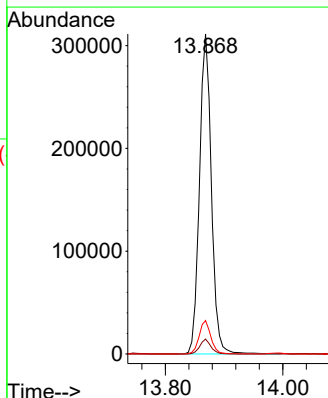
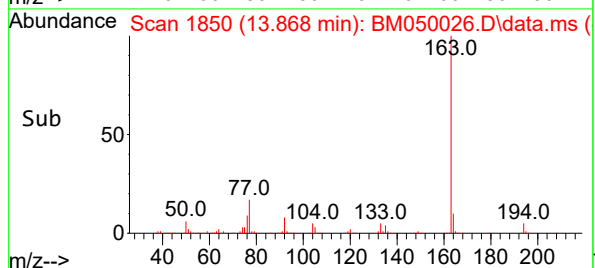
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

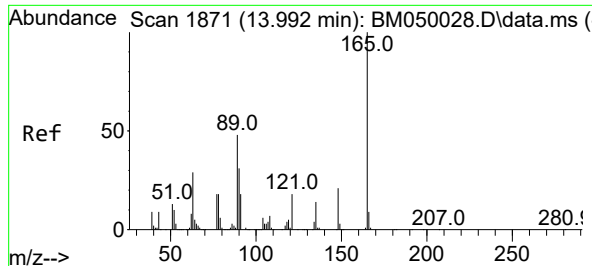


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



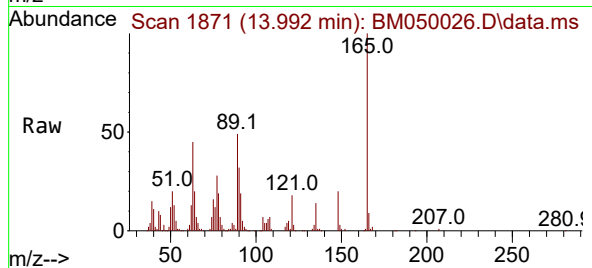
Tgt Ion:163 Resp: 438261
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

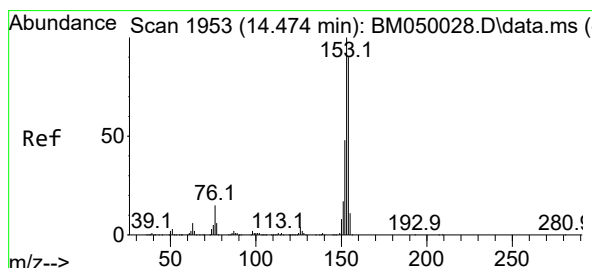
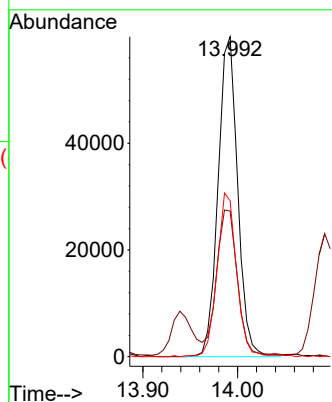
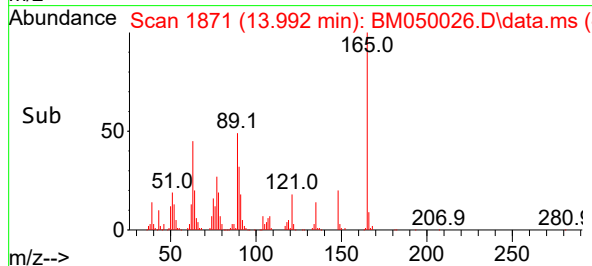
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 8624
Ion Ratio Lower Upper
165 100
63 45.5 35.1 52.7
89 48.7 38.4 57.6

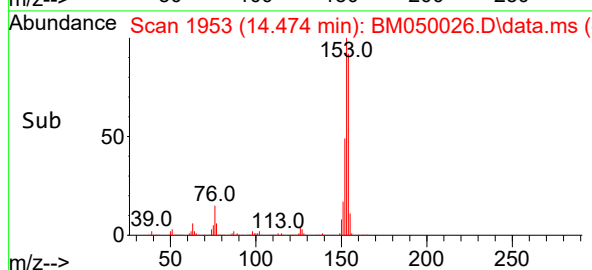
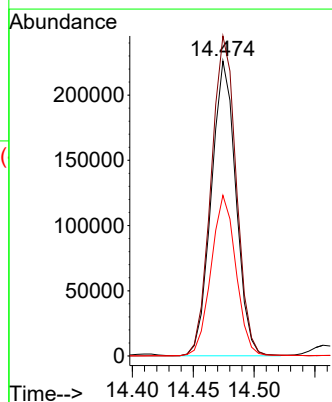
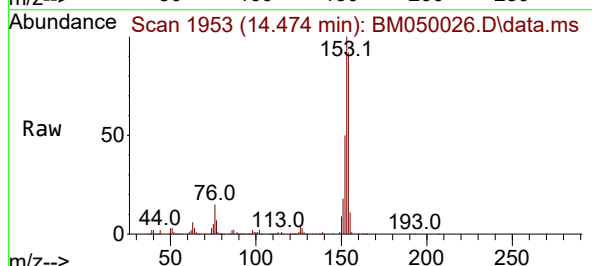
Manual Integrations
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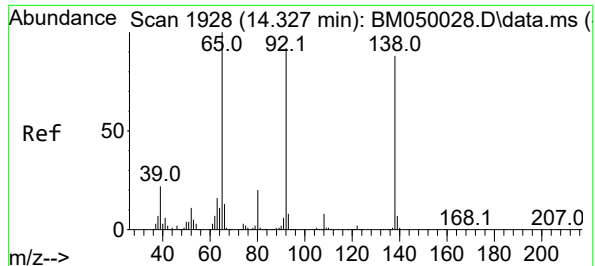
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 317735
Ion Ratio Lower Upper
154 100
153 108.5 89.0 133.4
152 54.5 43.0 64.6





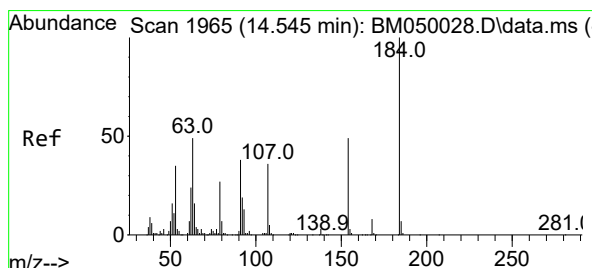
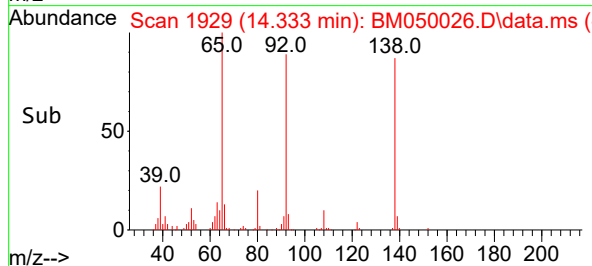
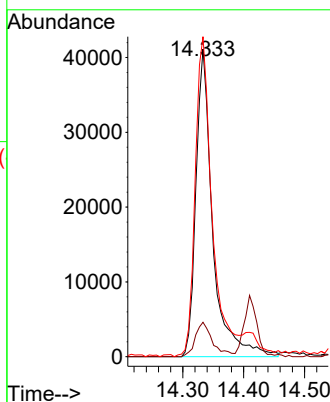
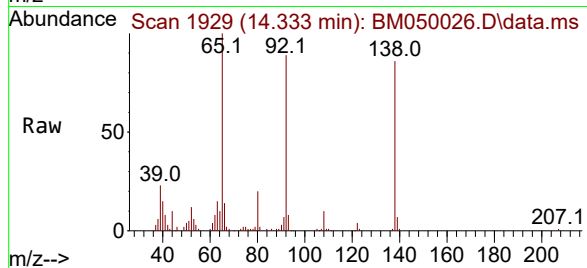
#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1929
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 78720
Ion Ratio Lower Upper
138 100
108 11.2 7.4 11.2
92 104.0 84.0 126.0

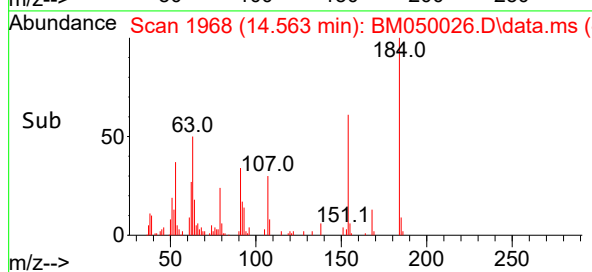
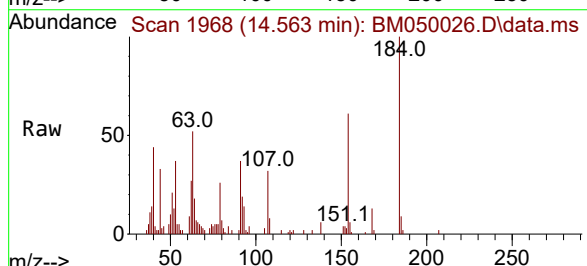
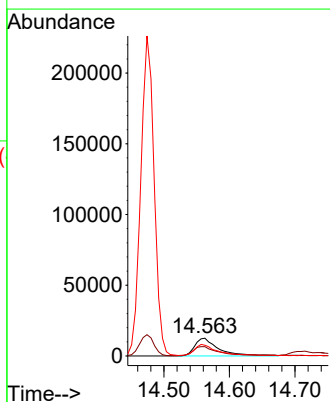
Manual Integrations
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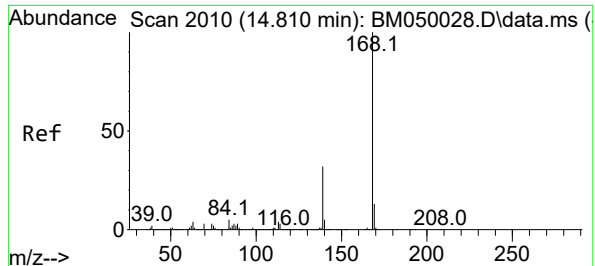
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#54
2,4-Dinitrophenol
Concen: 10.558 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 31979
Ion Ratio Lower Upper
184 100
63 52.1 39.8 59.6
154 60.9 46.1 69.1





#55

Dibenzofuran

Concen: 9.401 ng

RT: 14.810 min Scan# 2010

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 53502

Ion Ratio Lower Upper

168 100

139 33.0 26.1 39.1

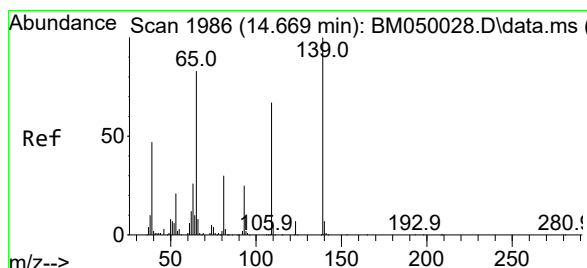
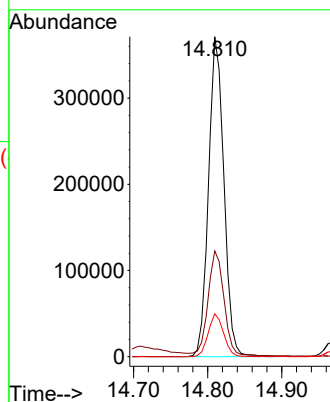
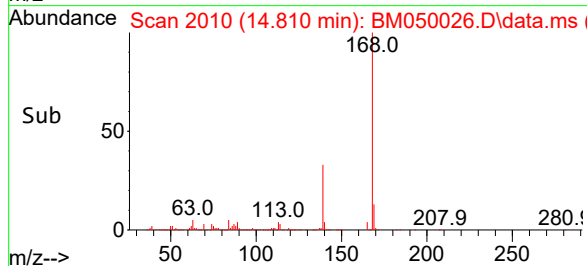
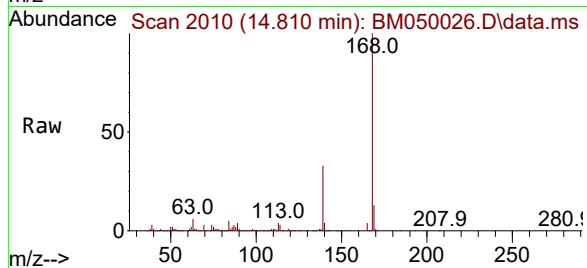
169 13.4 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#56

4-Nitrophenol

Concen: 9.668 ng

RT: 14.710 min Scan# 1993

Delta R.T. 0.041 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

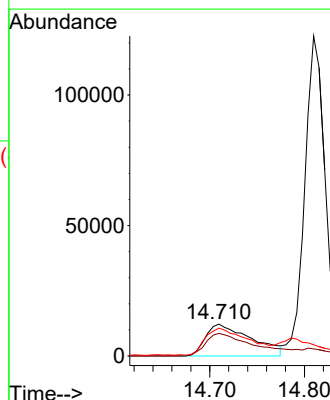
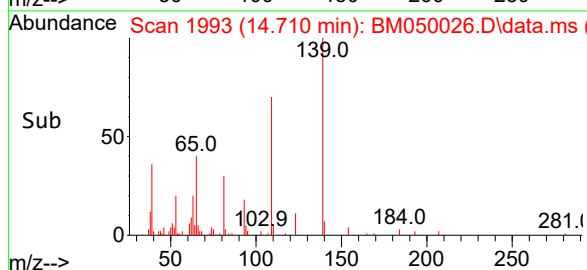
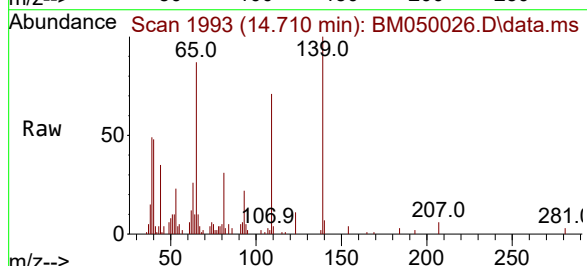
Tgt Ion:139 Resp: 40722

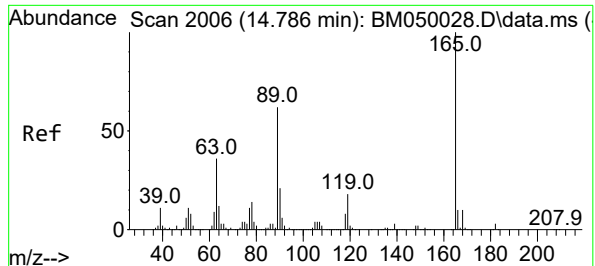
Ion Ratio Lower Upper

139 100

109 70.7 47.0 87.0

65 87.5 64.3 104.3





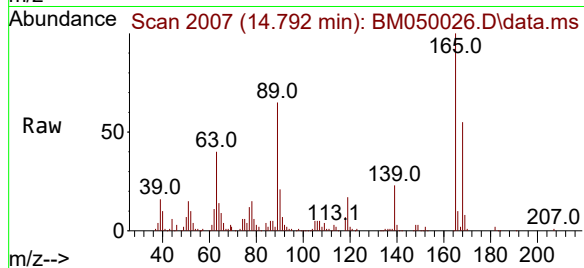
#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

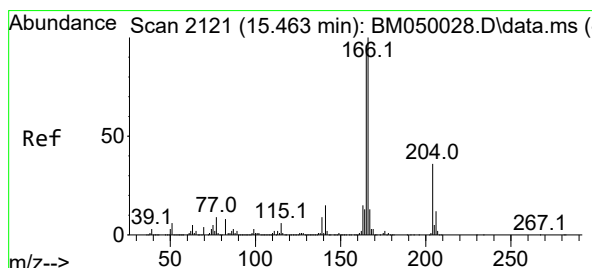
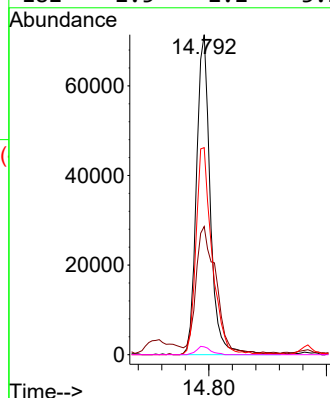
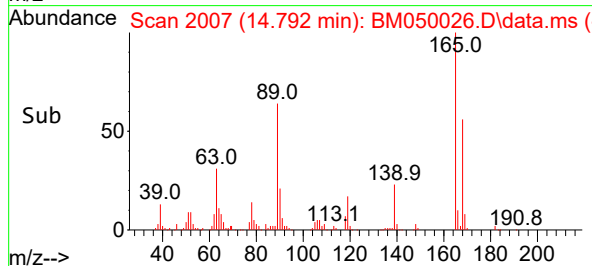


Tgt Ion:165 Resp: 116470
Ion Ratio Lower Upper
165 100
63 40.1 29.0 43.6
89 64.7 49.4 74.2
182 2.5 2.2 3.2

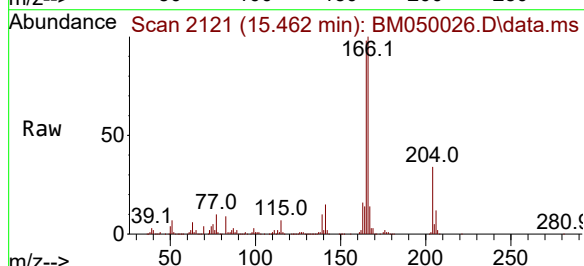
Manual Integrations

APPROVED

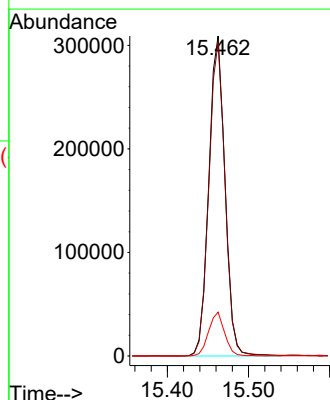
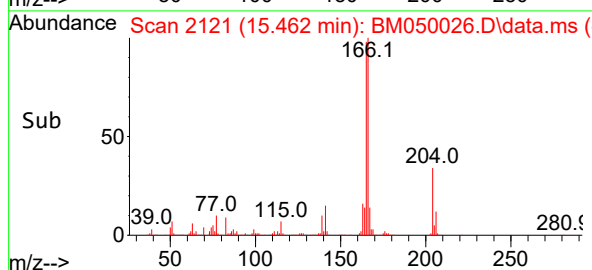
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

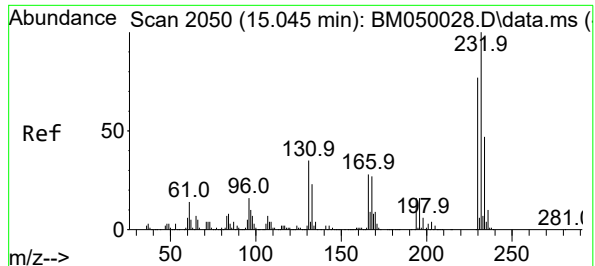


#58
Fluorene
Concen: 9.174 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



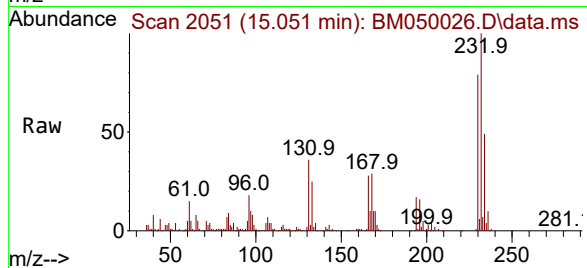
Tgt Ion:166 Resp: 427384
Ion Ratio Lower Upper
166 100
165 98.0 76.6 115.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.828 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

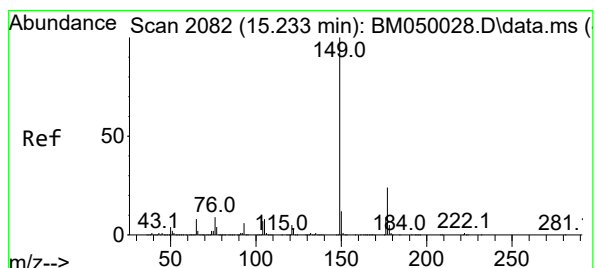
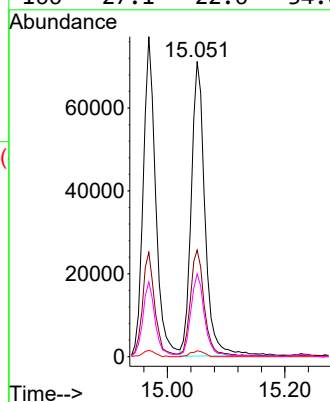
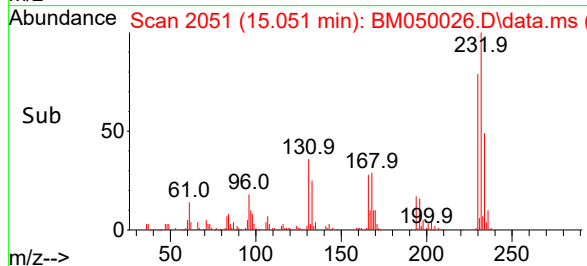
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 11518
Ion Ratio Lower Upper
232 100
131 36.2 28.2 42.4
130 2.0 1.5 2.3
166 27.1 22.6 34.0

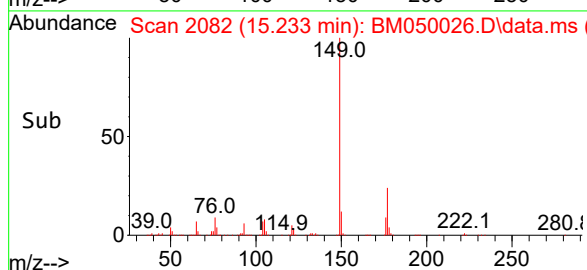
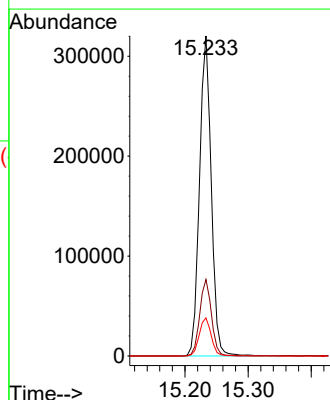
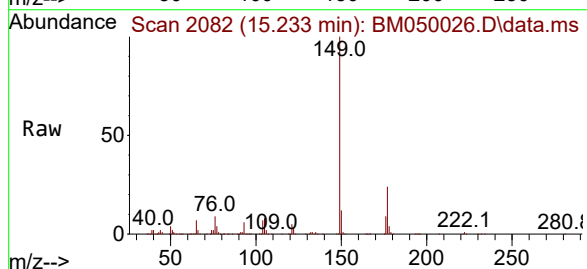
Manual Integrations
APPROVED

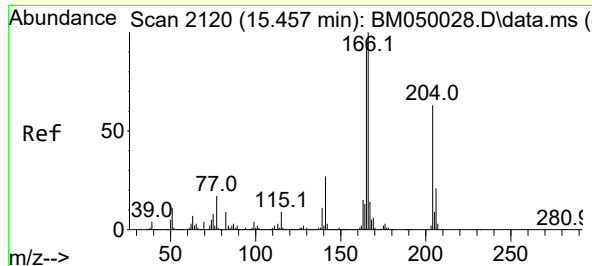
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#60
Diethylphthalate
Concen: 9.447 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

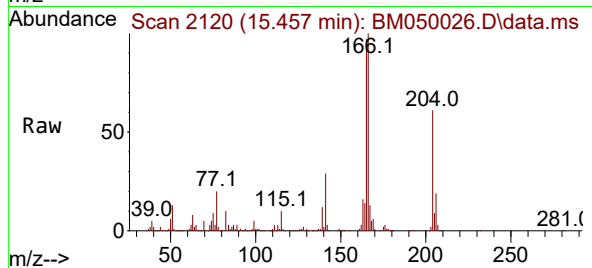
Tgt Ion:149 Resp: 414149
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 11.9 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 8.908 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

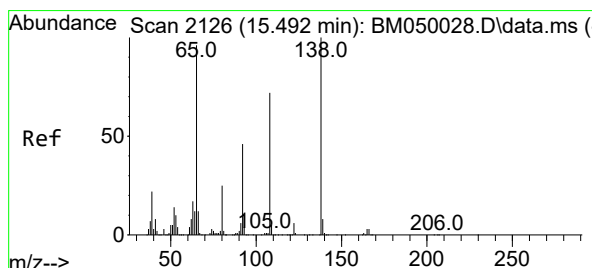
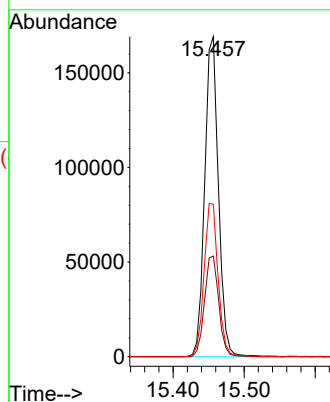
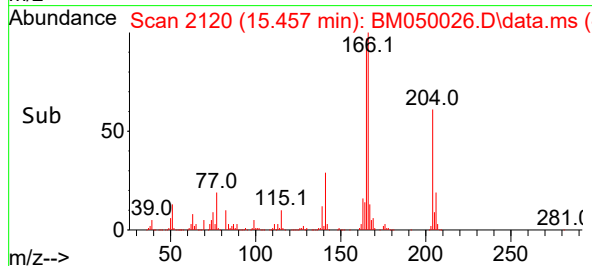
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 227920
Ion Ratio Lower Upper
204 100
206 31.4 26.3 39.5
141 47.6 34.0 51.0

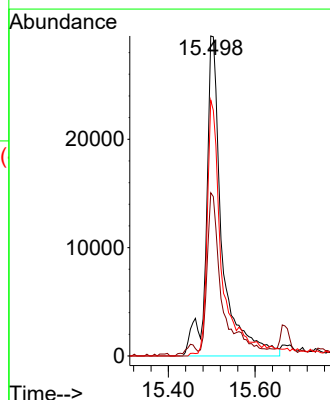
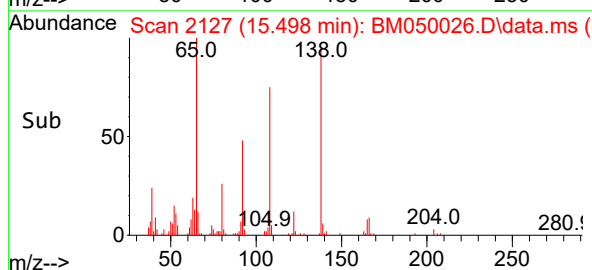
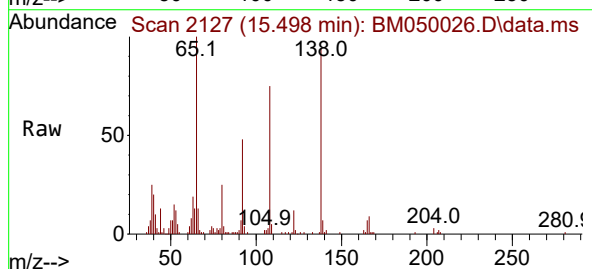
Manual Integrations
APPROVED

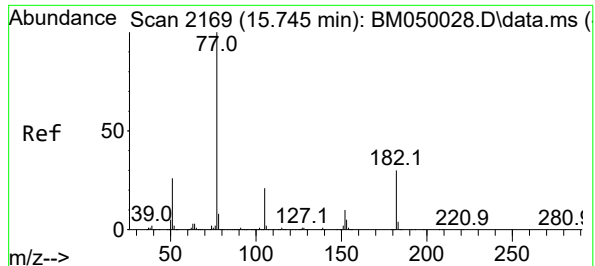
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 8.397 ng m
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

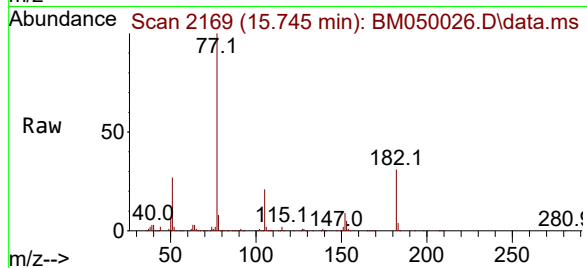
Tgt Ion:138 Resp: 74565
Ion Ratio Lower Upper
138 100
92 51.0 25.9 65.9
108 80.0 52.4 92.4





#63
Azobenzene
Concen: 9.454 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

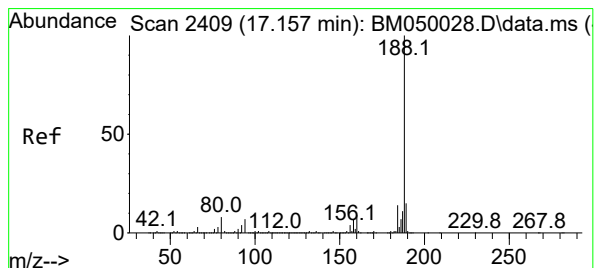
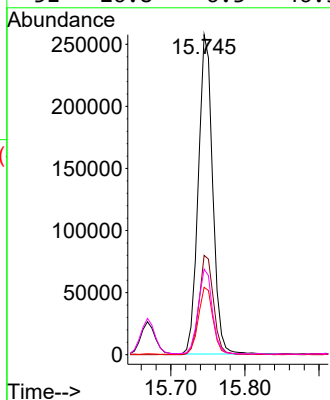
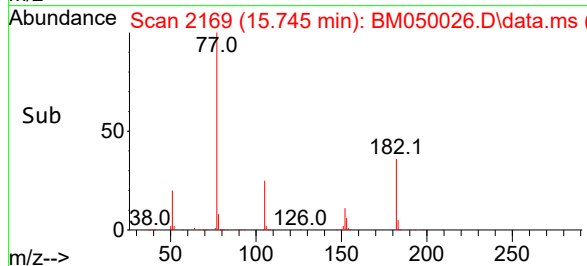
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 34734
Ion Ratio Lower Upper
77 100
182 31.0 10.5 50.5
105 21.0 1.1 41.1
51 26.8 6.3 46.3

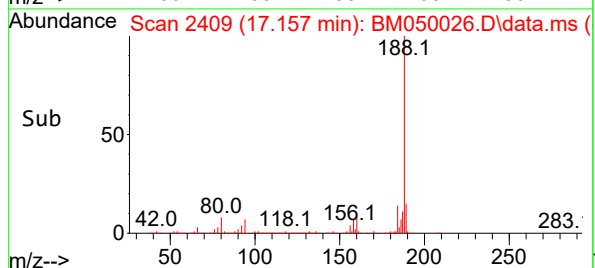
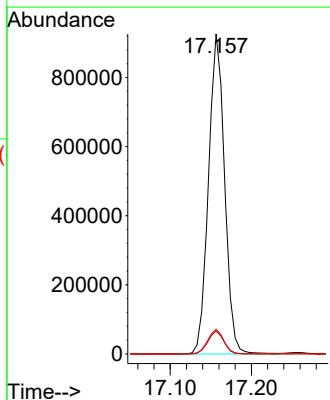
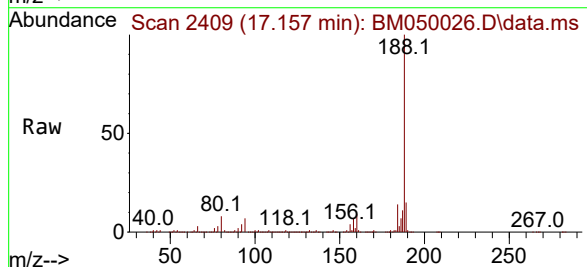
Manual Integrations
APPROVED

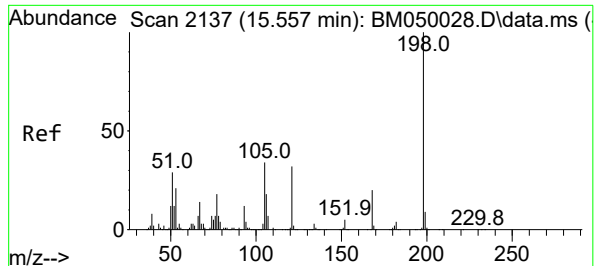
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

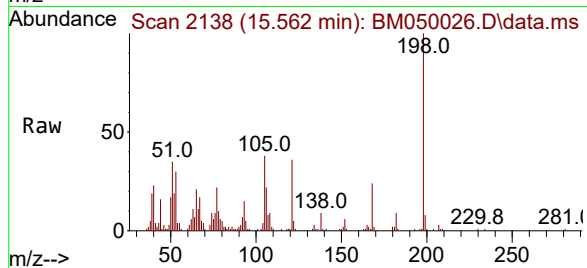
Tgt Ion:188 Resp: 1274608
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.8 6.2 9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.562 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

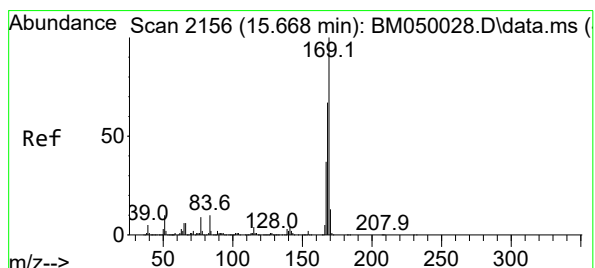
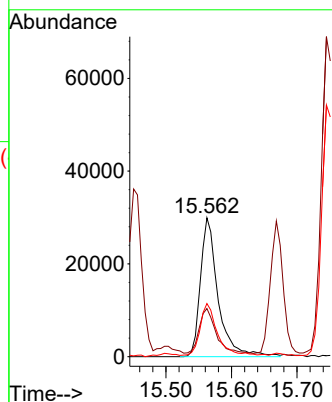
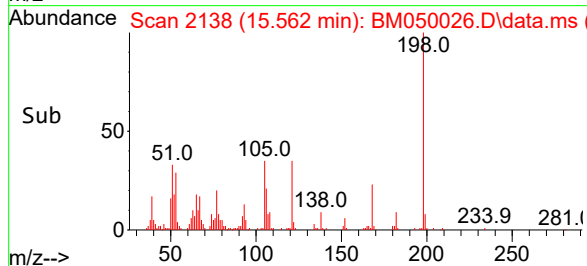
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 5618
Ion Ratio Lower Upper
198 100
51 34.7 10.4 50.4
105 38.2 14.6 54.6

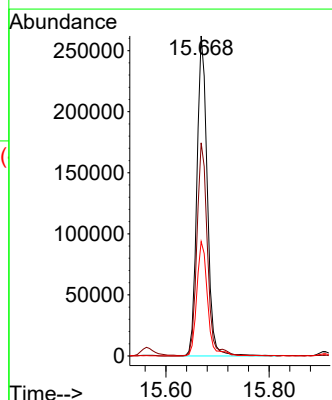
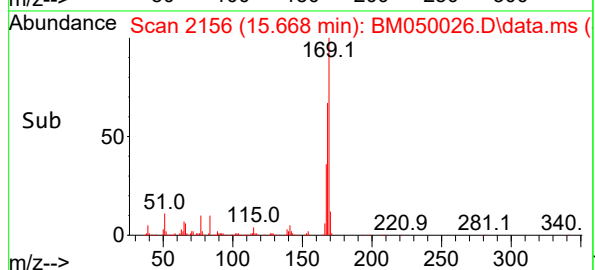
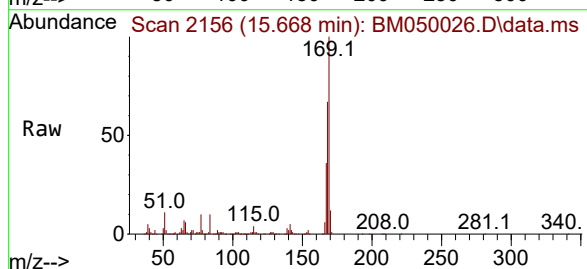
Manual Integrations
APPROVED

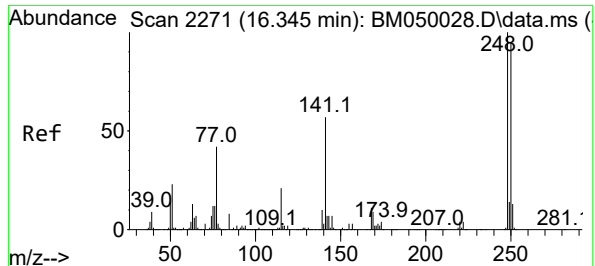
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 9.315 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

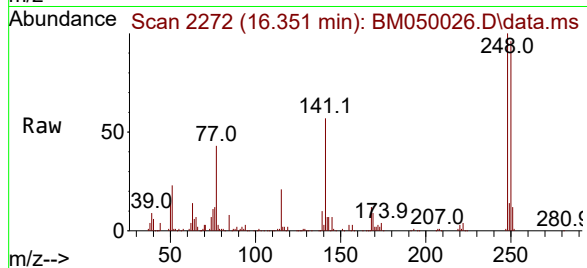
Tgt Ion:169 Resp: 364601
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 8.923 ng
RT: 16.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

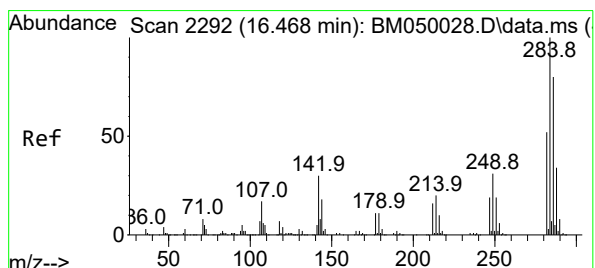
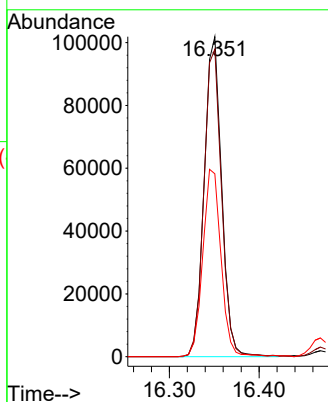
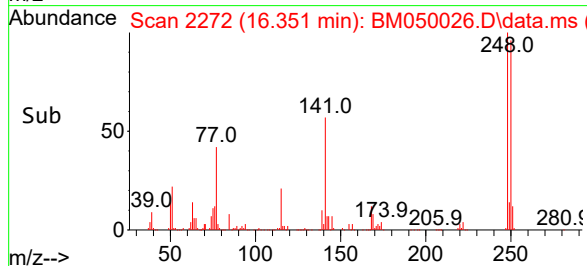
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:248 Resp: 13753
Ion Ratio Lower Upper
248 100
250 96.1 76.2 114.2
141 57.1 45.9 68.9

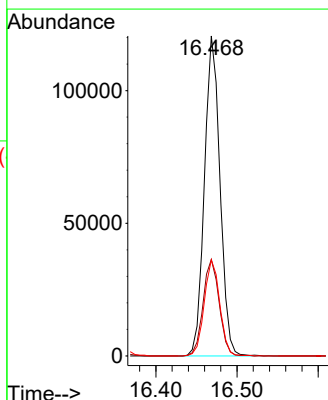
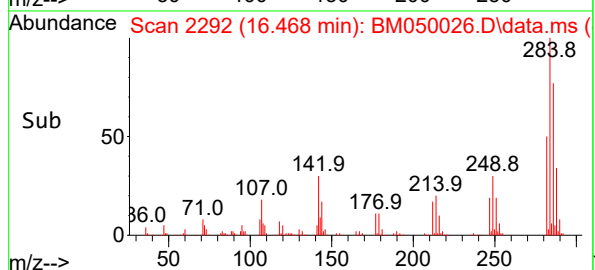
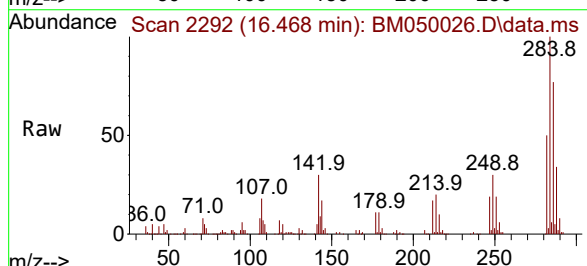
Manual Integrations
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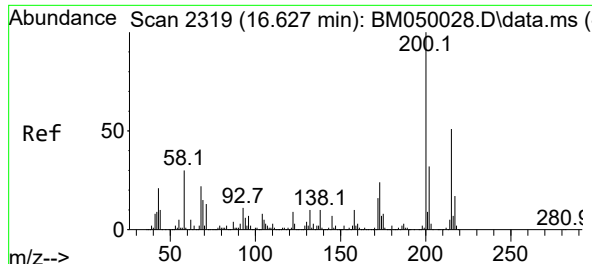
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#68
Hexachlorobenzene
Concen: 9.016 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

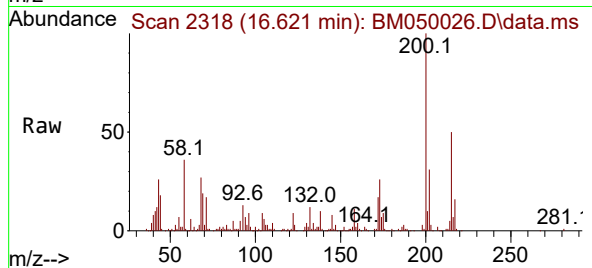
Tgt Ion:284 Resp: 160195
Ion Ratio Lower Upper
284 100
142 30.1 23.9 35.9
249 30.0 24.5 36.7





#69
Atrazine
Concen: 8.937 ng
RT: 16.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

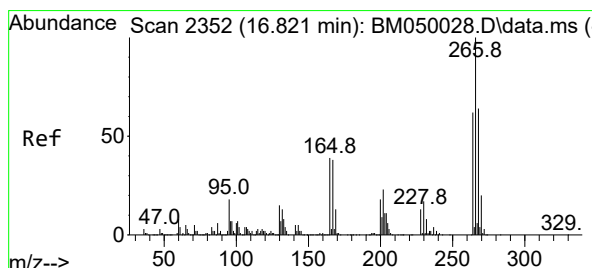
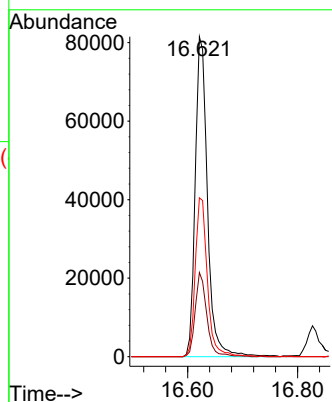
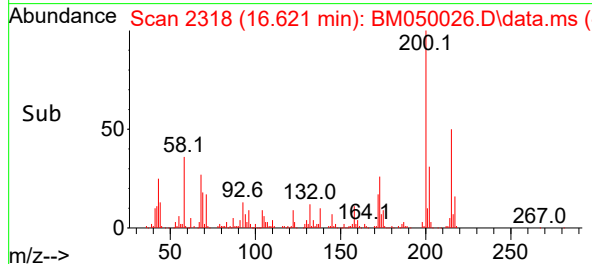
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 12616
Ion Ratio Lower Upper
200 100
173 26.3 4.3 44.3
215 49.6 30.6 70.6

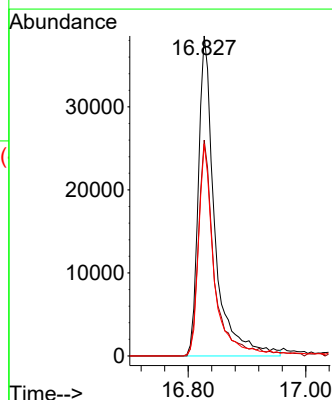
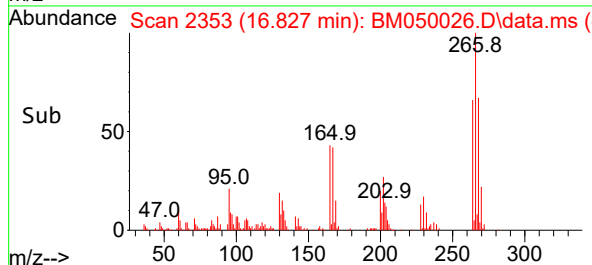
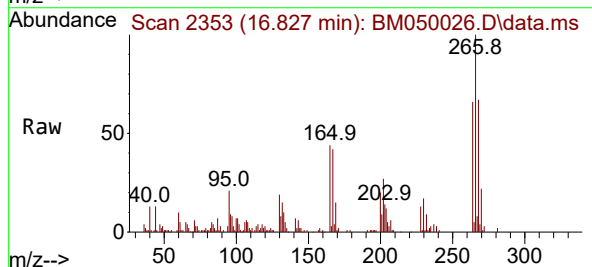
Manual Integrations
APPROVED

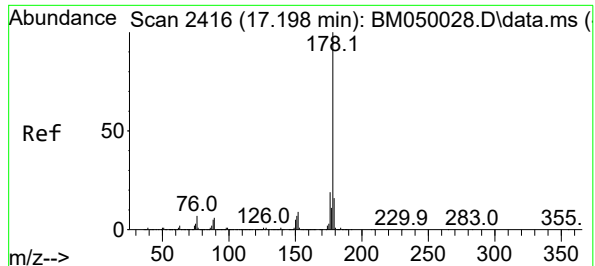
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#70
Pentachlorophenol
Concen: 7.483 ng
RT: 16.827 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

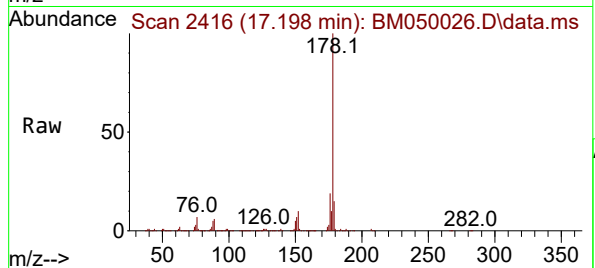
Tgt Ion:266 Resp: 74839
Ion Ratio Lower Upper
266 100
268 67.5 51.2 76.8
264 66.3 49.6 74.4





#71
Phenanthrene
Concen: 9.172 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

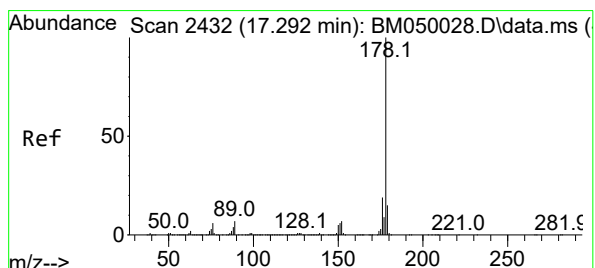
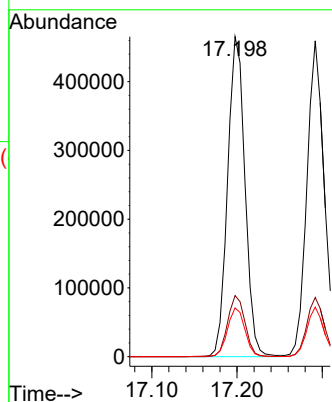
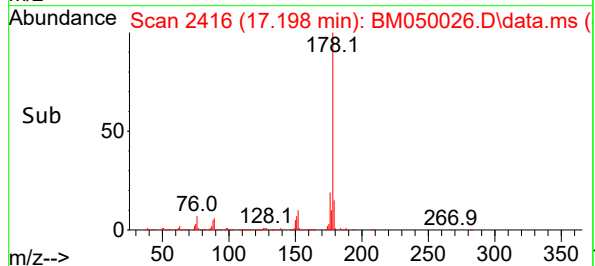
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 659374
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6

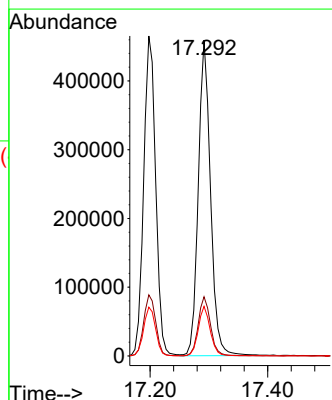
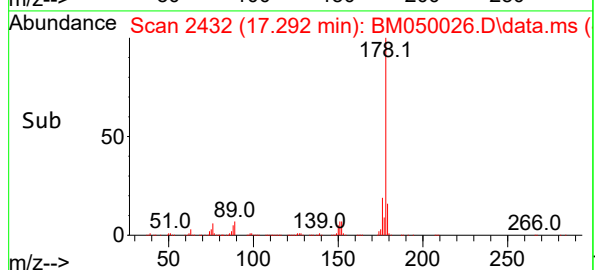
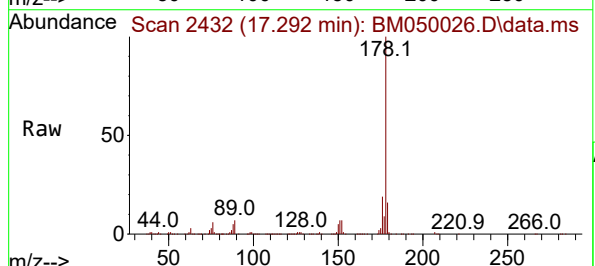
Manual Integrations
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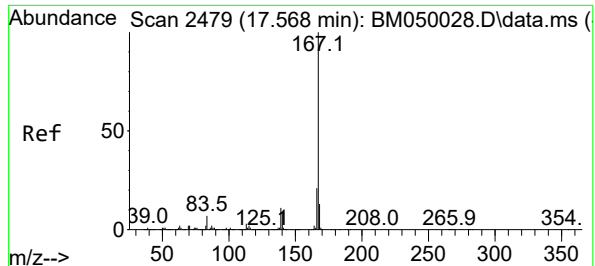
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 9.089 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

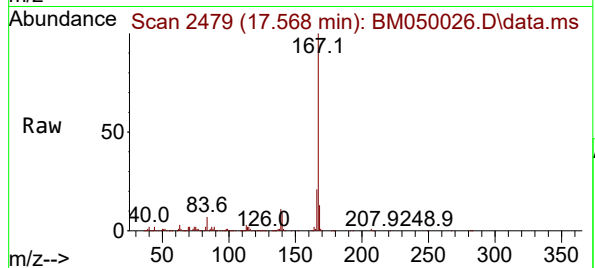
Tgt Ion:178 Resp: 661260
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.2 18.4





#73
Carbazole
Concen: 9.087 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

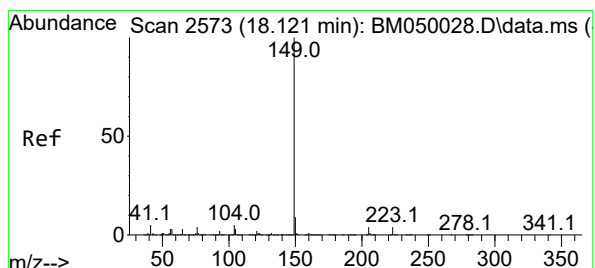
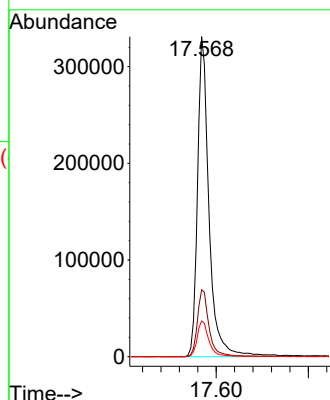
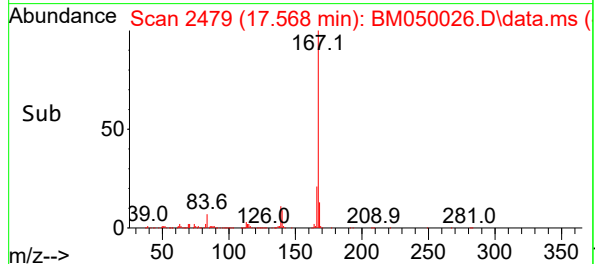
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 57366
Ion Ratio Lower Upper
167 100
166 20.9 17.2 25.8
139 11.2 9.0 13.6

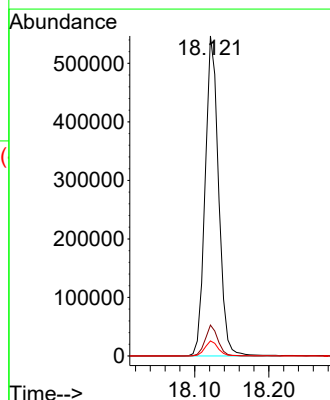
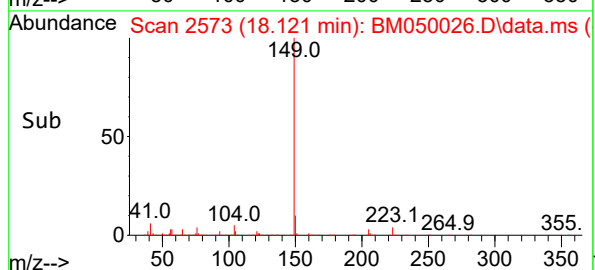
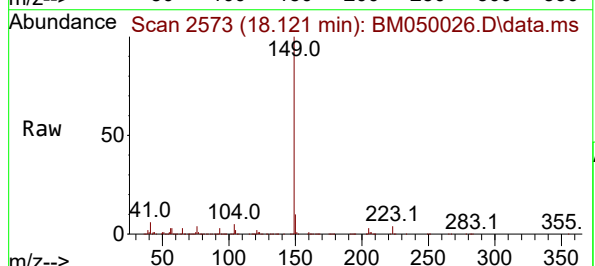
Manual Integrations
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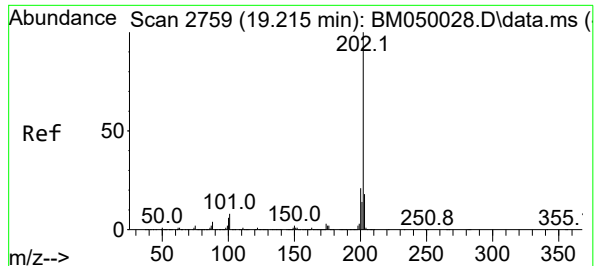
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 9.168 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

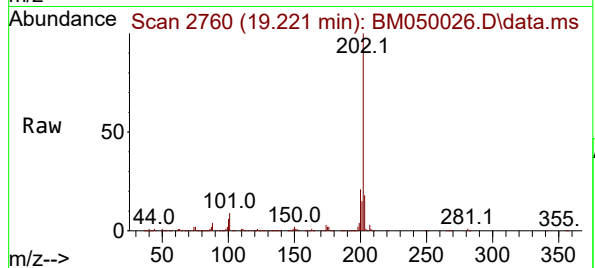
Tgt Ion:149 Resp: 689248
Ion Ratio Lower Upper
149 100
150 9.6 7.3 10.9
104 4.7 3.8 5.6





#75
Fluoranthene
Concen: 8.621 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

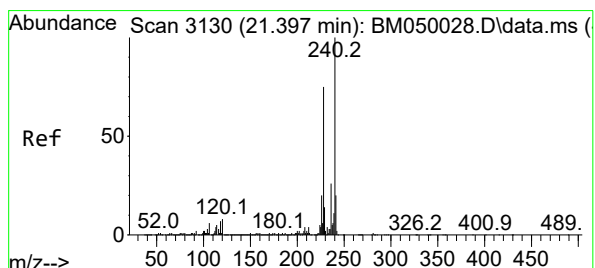
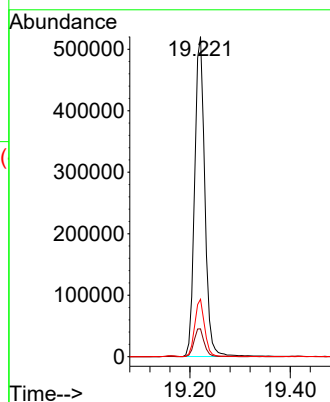
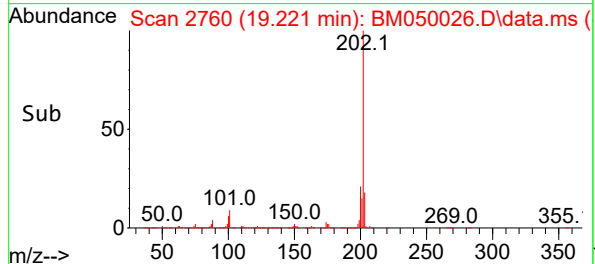
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 72760
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.0
203 18.0 0.0 37.7

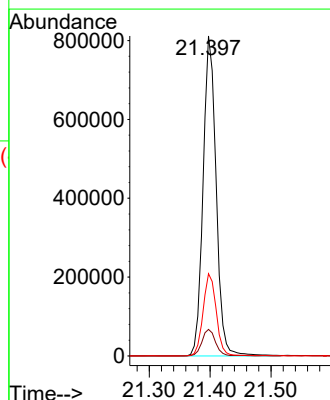
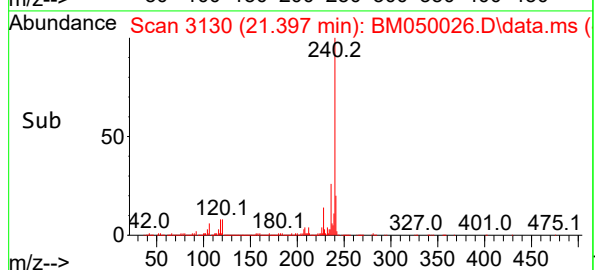
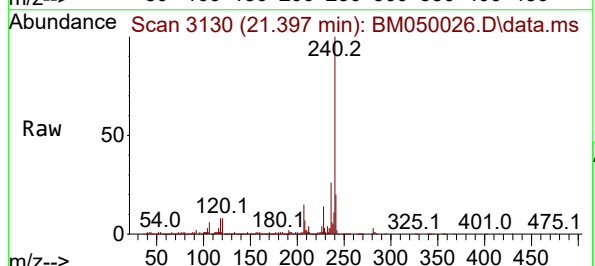
Manual Integrations
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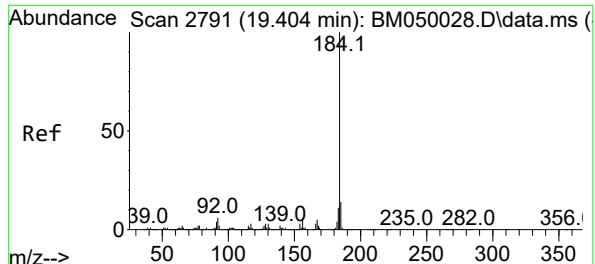
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

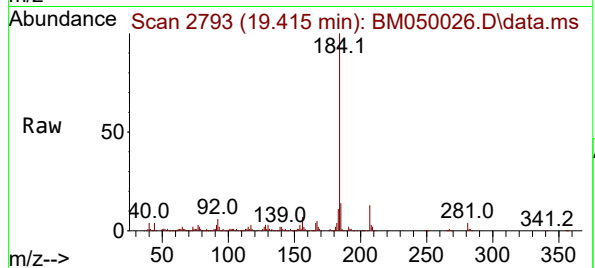
Tgt Ion:240 Resp: 1213581
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.7 20.9 31.3





#77
Benzidine
Concen: 7.887 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

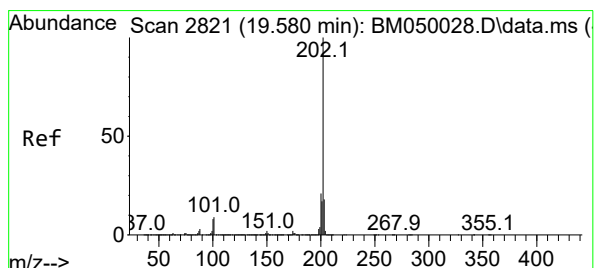
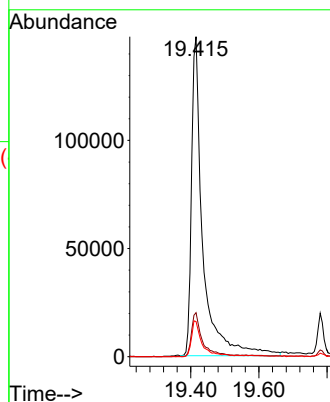
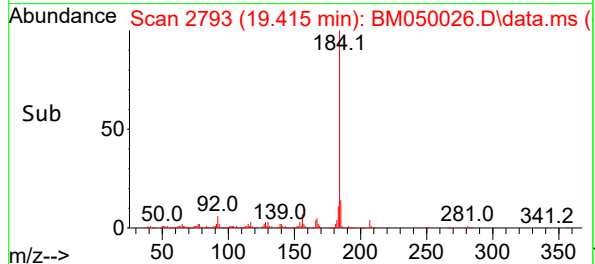
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 339970
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.0 8.9 13.3

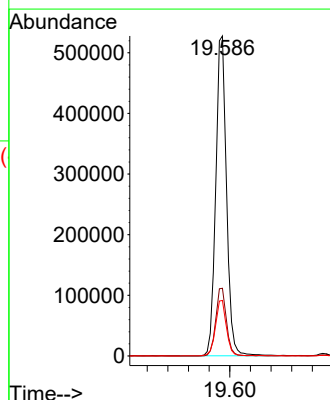
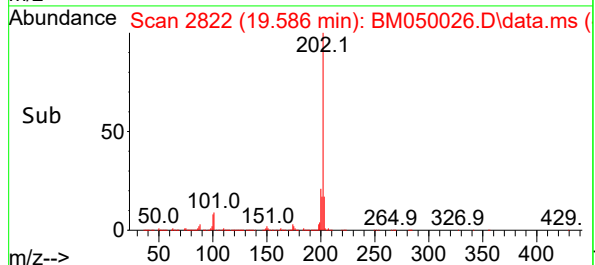
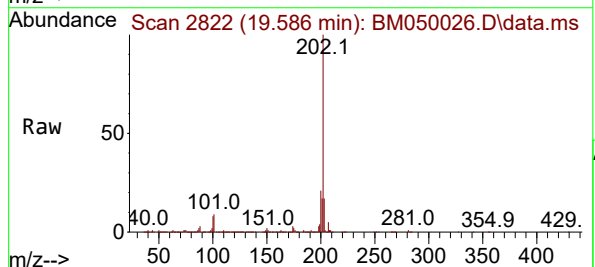
Manual Integrations
APPROVED

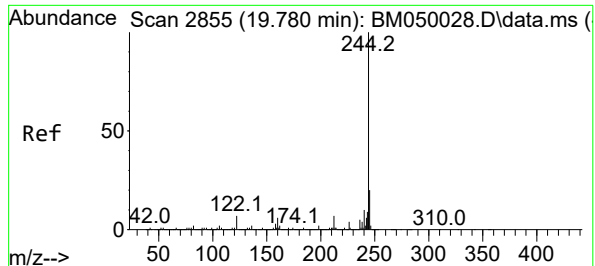
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 8.937 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

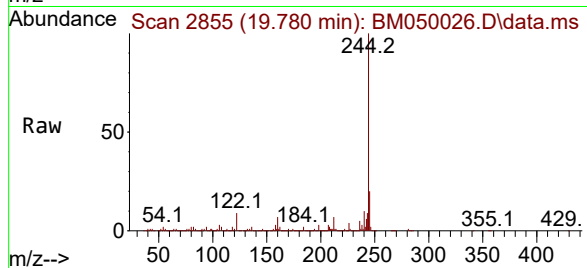
Tgt Ion:202 Resp: 761625
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.3 14.1 21.1





#79
Terphenyl-d14
Concen: 17.601 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

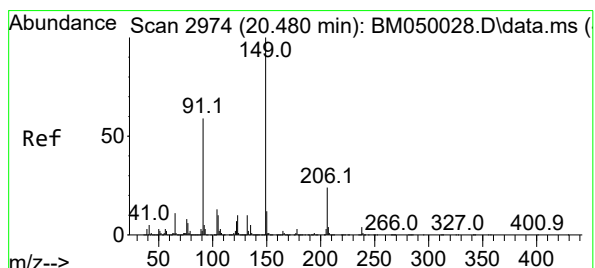
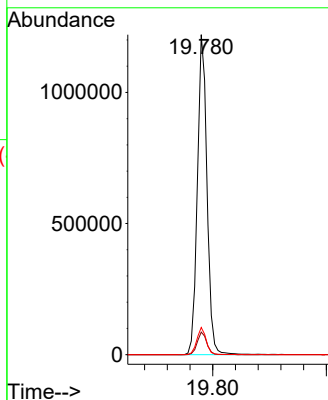
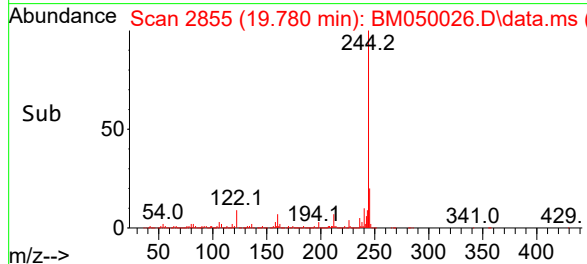
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



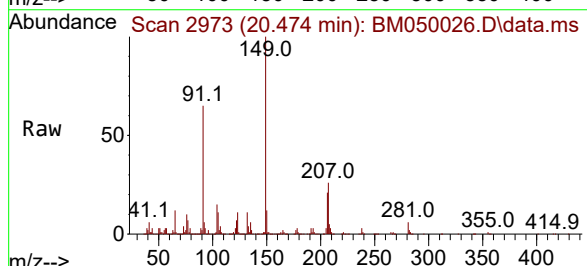
Tgt Ion:244 Resp: 1443528
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 8.5 5.6 8.4

Manual Integrations
APPROVED

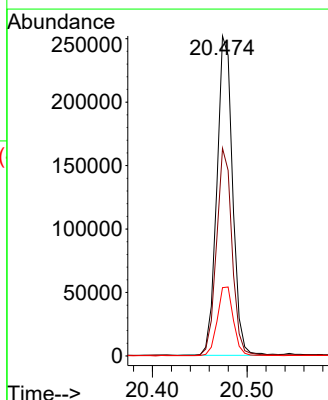
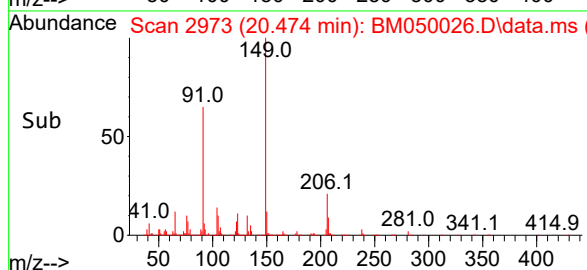
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

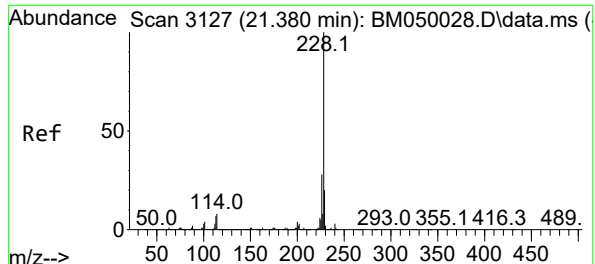


#80
Butylbenzylphthalate
Concen: 9.105 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48



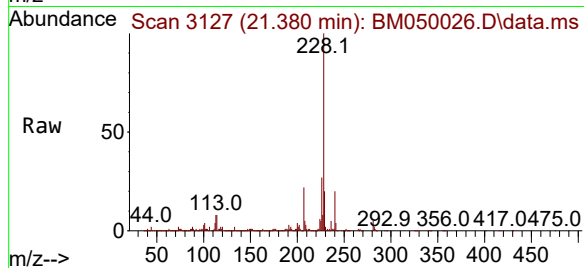
Tgt Ion:149 Resp: 290617
Ion Ratio Lower Upper
149 100
91 64.9 47.4 71.2
206 21.3 19.4 29.0





#81
Benzo(a)anthracene
Concen: 8.940 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

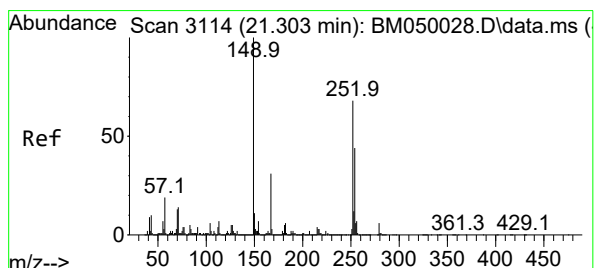
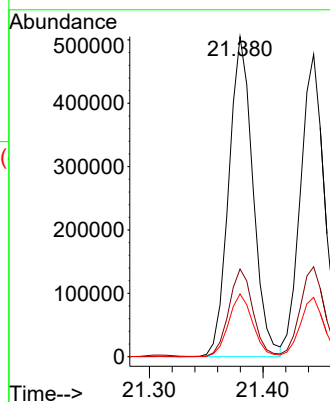
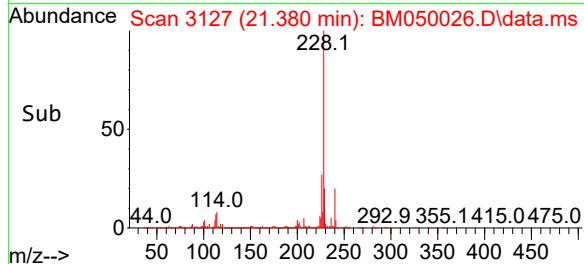
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 747128
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.6 15.7 23.5

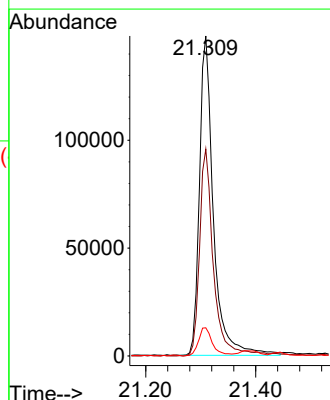
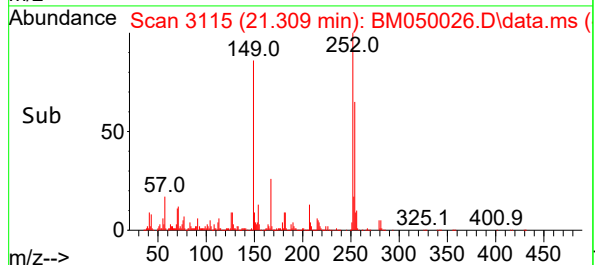
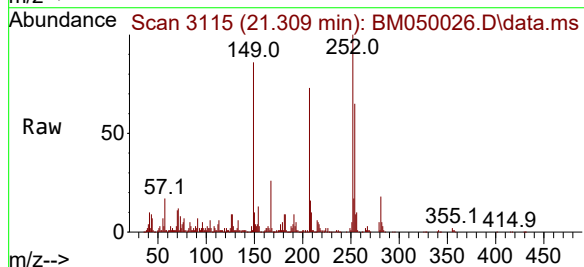
Manual Integrations
APPROVED

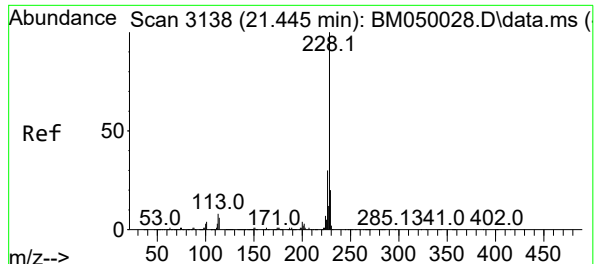
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.190 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 262017
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 8.8 6.0 9.0





#83

Chrysene

Concen: 9.178 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 709862

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

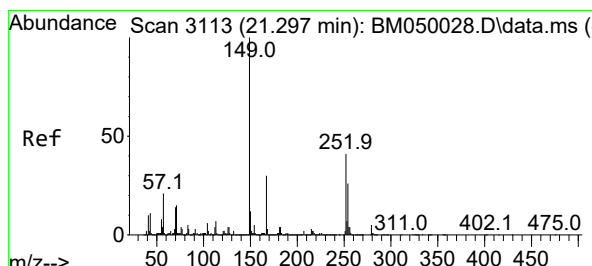
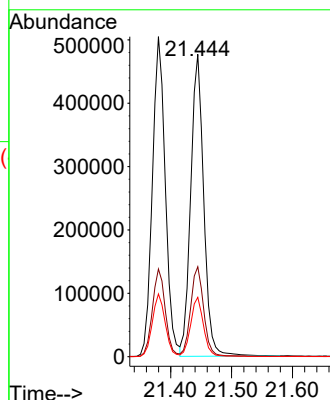
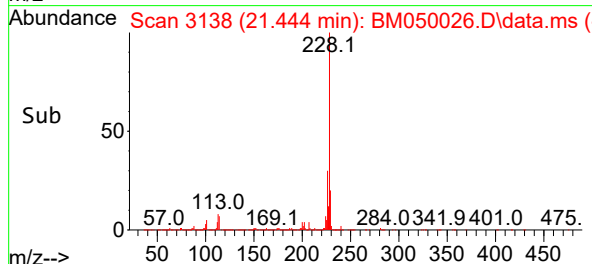
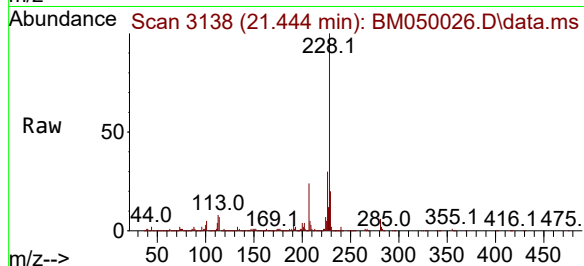
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.228 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

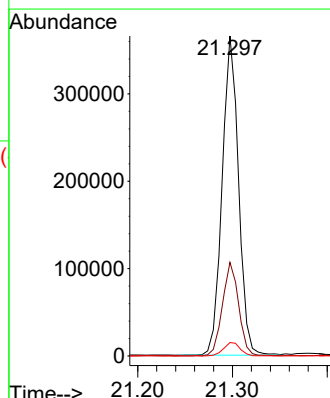
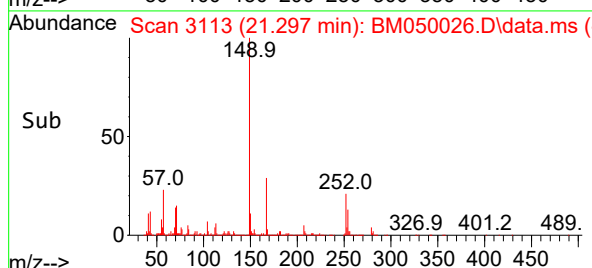
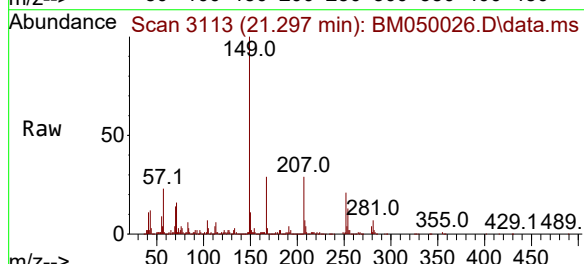
Tgt Ion:149 Resp: 439949

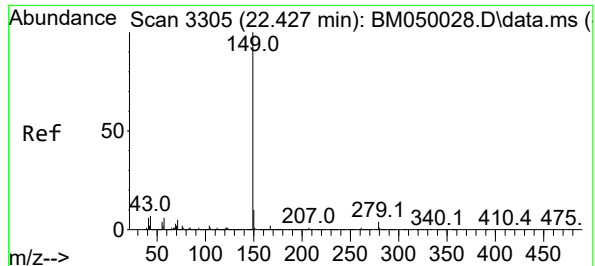
Ion Ratio Lower Upper

149 100

167 29.3 24.1 36.1

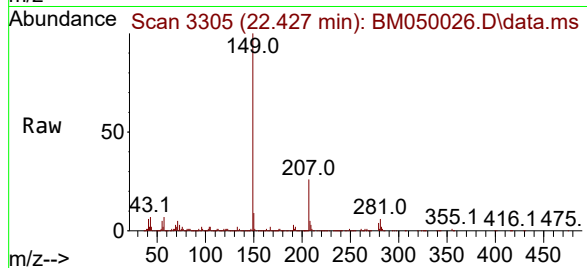
279 4.2 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 9.236 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

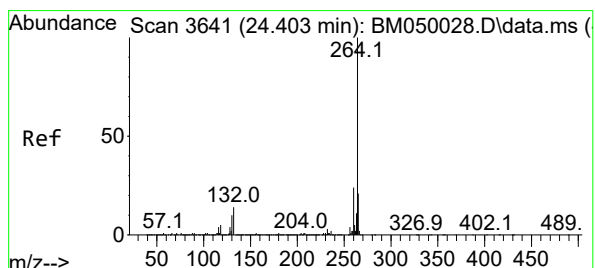
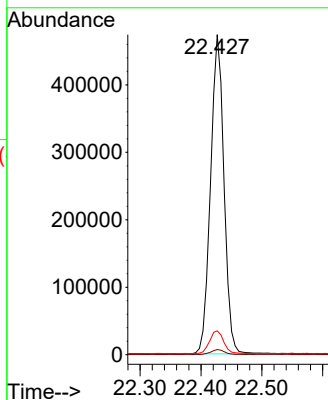
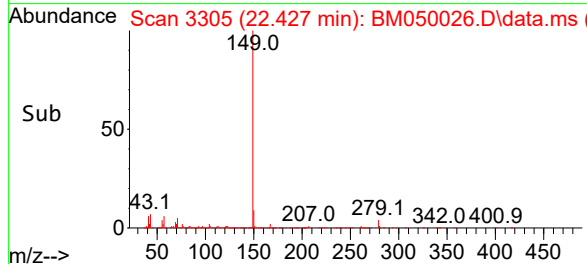
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 726208
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 5.8 8.8

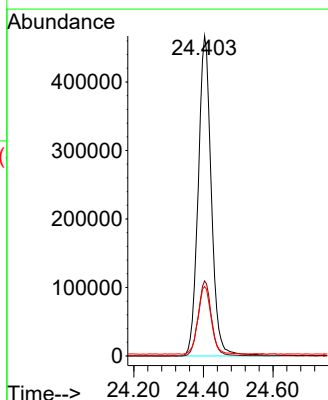
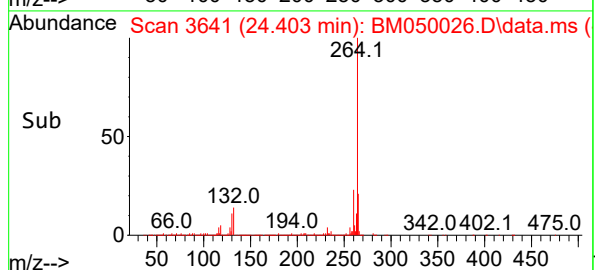
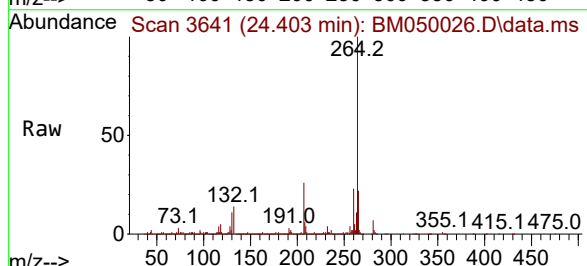
Manual Integrations
APPROVED

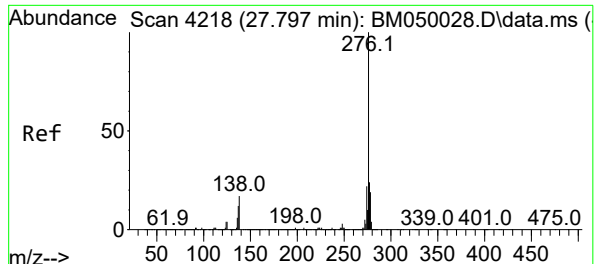
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

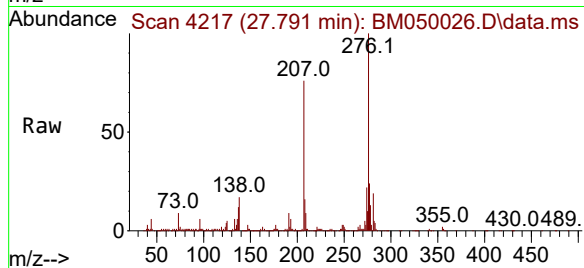
Tgt Ion:264 Resp: 1224339
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.7 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

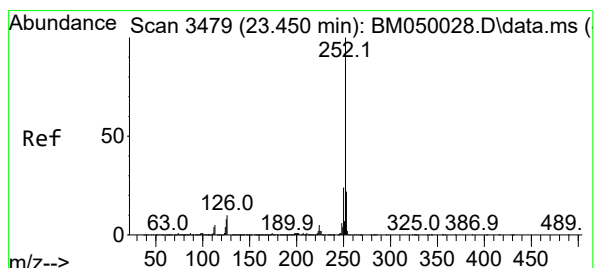
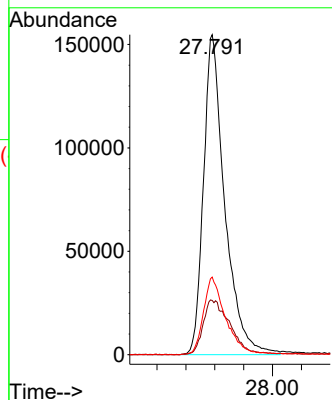
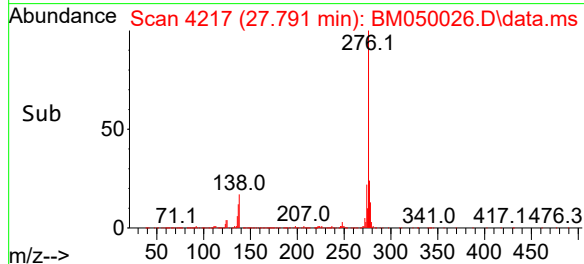
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 791344
Ion Ratio Lower Upper
276 100
138 21.4 16.4 24.6
277 25.3 19.8 29.8

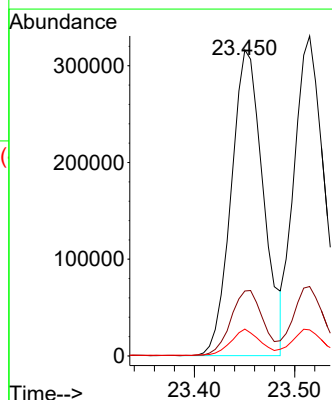
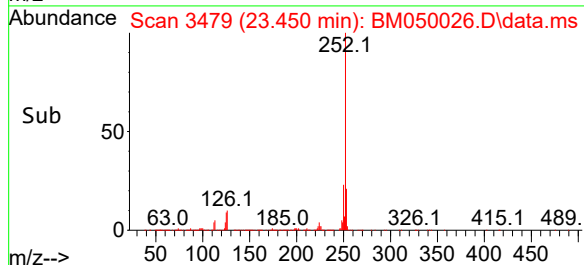
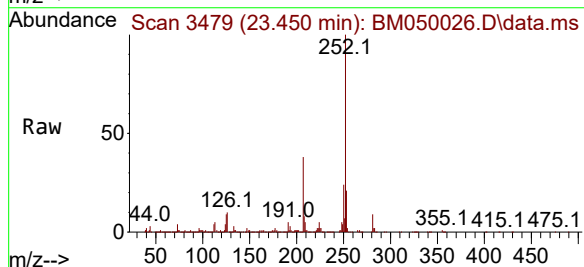
Manual Integrations
APPROVED

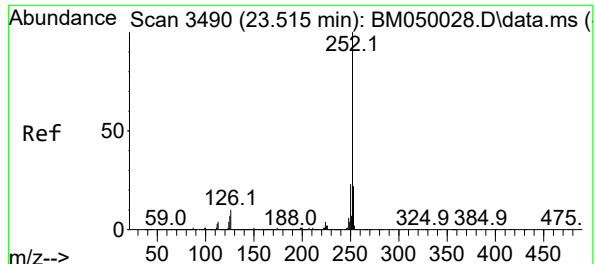
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 8.831 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 703118
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 8.8 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 8.741 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 70414

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

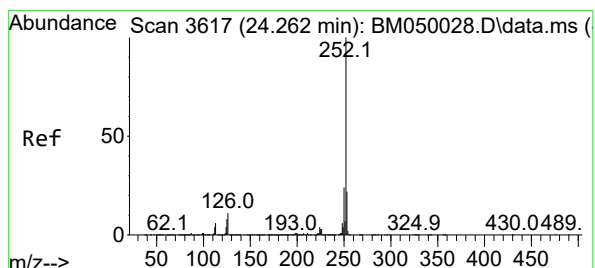
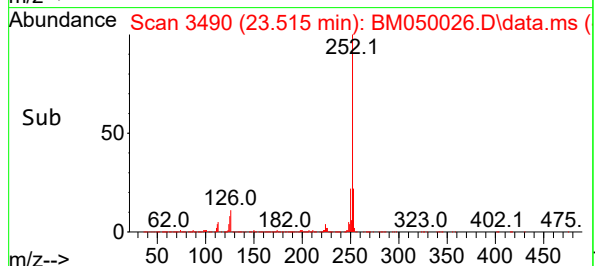
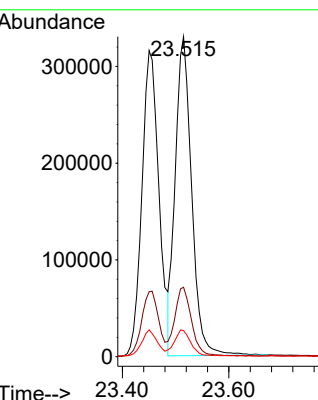
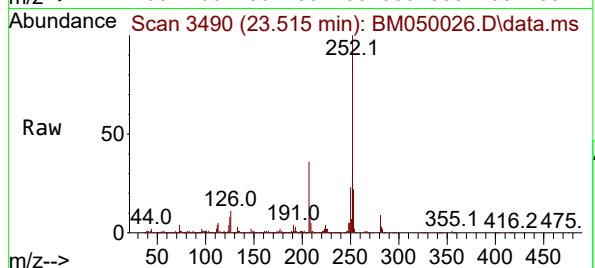
125 8.2 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 8.751 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050026.D

Acq: 28 Apr 2025 13:48

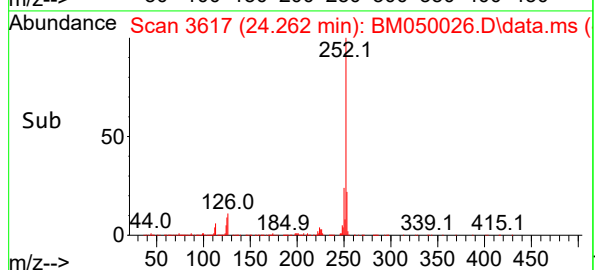
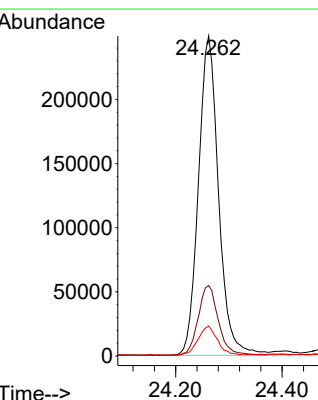
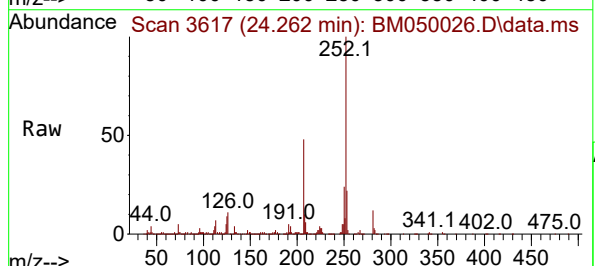
Tgt Ion:252 Resp: 652617

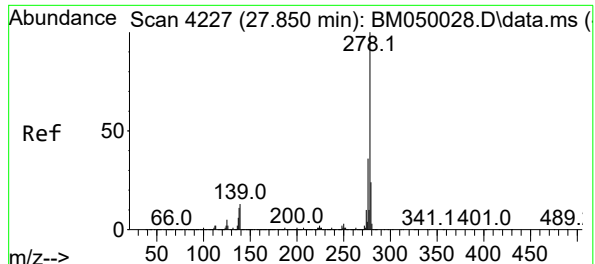
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

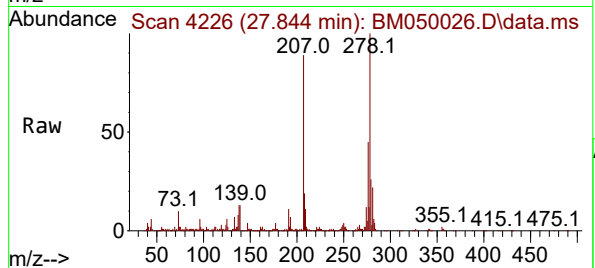
125 9.4 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 8.591 ng
RT: 27.844 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

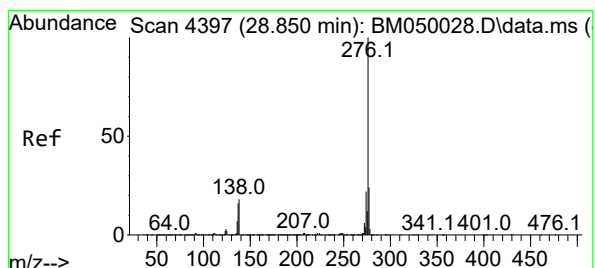
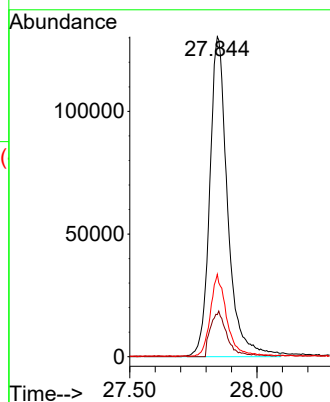
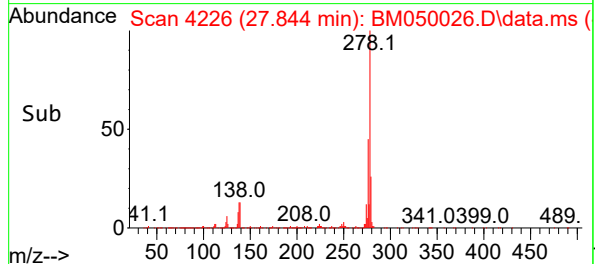
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:278 Resp: 63891
Ion Ratio Lower Upper
278 100
139 13.2 10.5 15.7
279 25.8 19.4 29.0

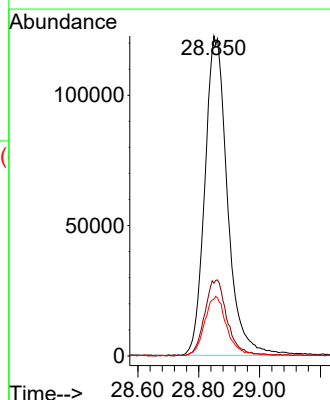
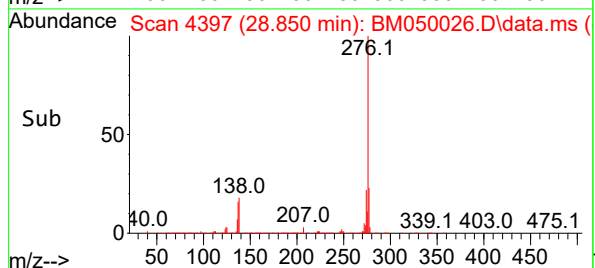
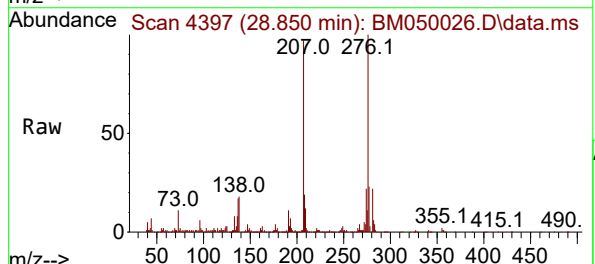
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 8.852 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 630261
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 17.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 28 17:38:08 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng	0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	537488	38.777	ng	0.00
7) Phenol-d6	6.951	99	678404	38.941	ng	0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng	0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng	99
3) Pyridine	3.658	79	298256	19.532	ng	98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	# 100
6) Aniline	7.098	93	429222	19.511	ng	99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng	99
9) Benzaldehyde	6.910	77	235594	20.233	ng	98
10) Phenol	6.981	94	344567	19.537	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng	99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng	99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng	99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng	99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng	98
17) 2-Methylphenol	8.228	107	225978	19.450	ng	99
18) Hexachloroethane	8.845	117	126530	19.571	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng	99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng	97
22) Acetophenone	8.592	105	434539	19.499	ng	98
24) Nitrobenzene	8.969	77	309341	19.667	ng	99
25) Isophorone	9.498	82	609252	19.648	ng	99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng	97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng	100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng	98
31) Naphthalene	10.610	128	890530	19.618	ng	99
32) Benzoic acid	9.881	122	154412m	18.168	ng	
33) 4-Chloroaniline	10.734	127	362366	19.475	ng	99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng	99
35) Caprolactam	11.516	113	84917	19.509	ng	93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng	99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng	99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng	99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050027.D
 Acq On : 28 Apr 2025 14:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

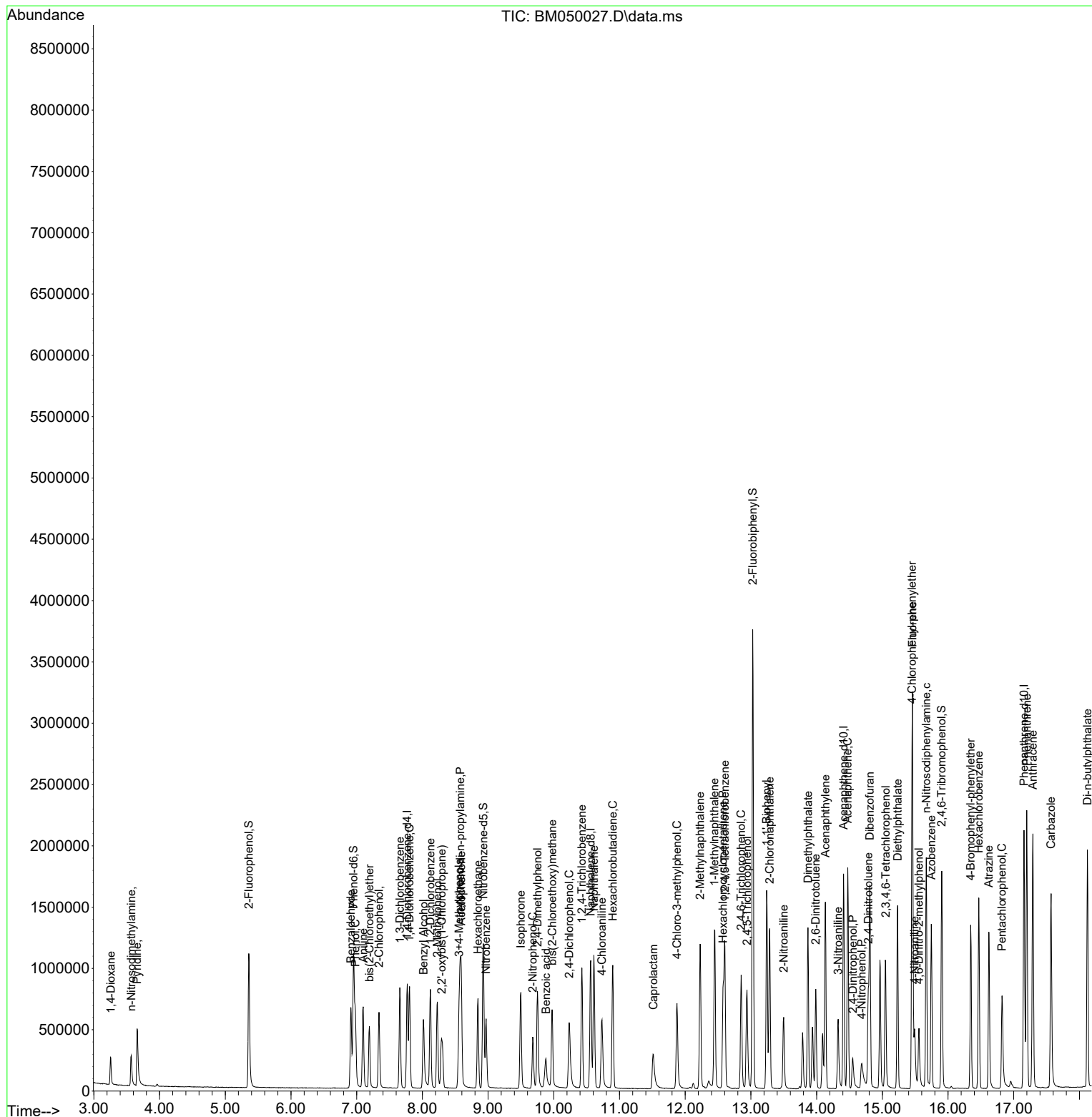
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 17:55:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



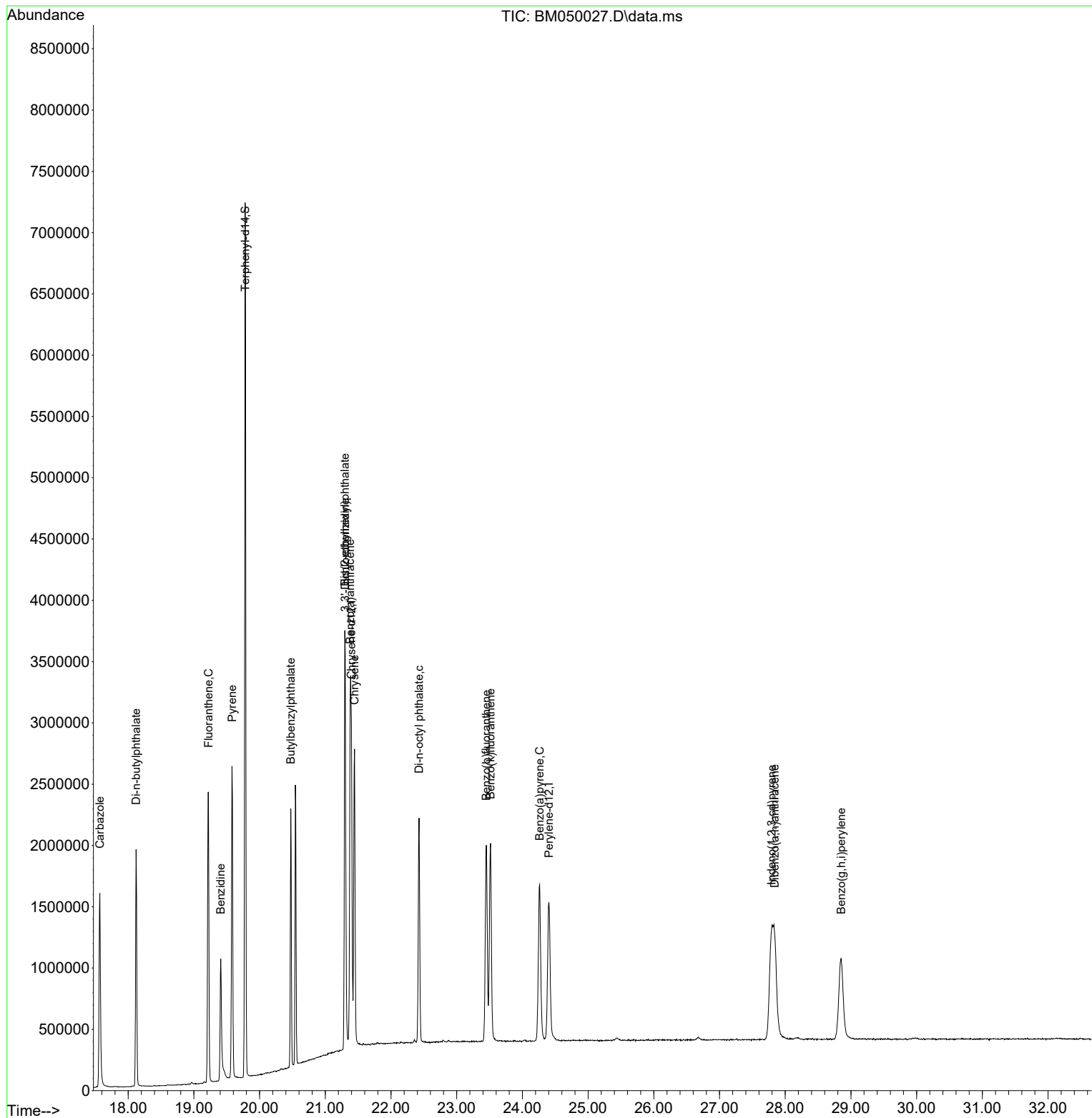
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Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

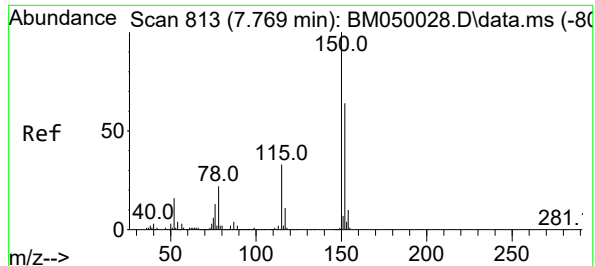
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

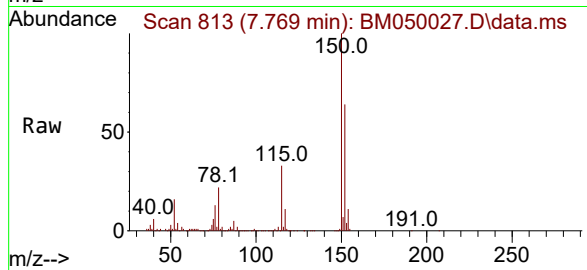
Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

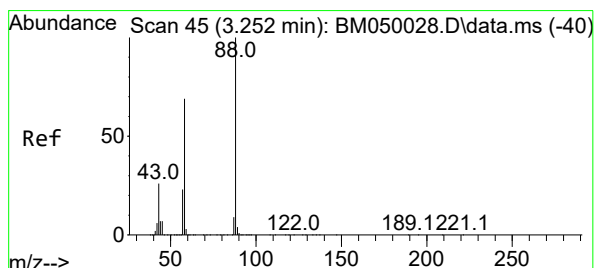
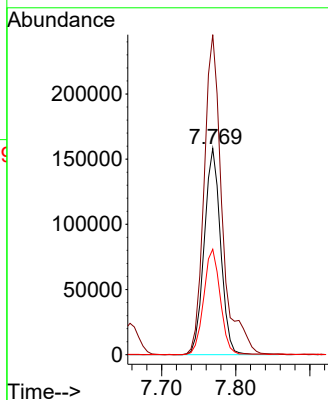
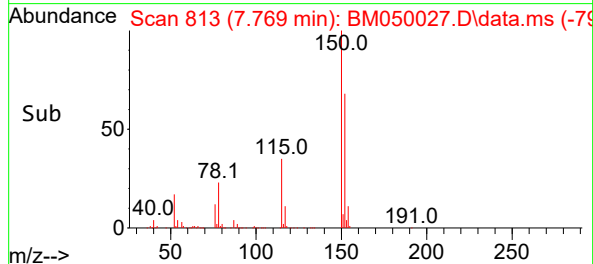
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 242715
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 51.1 41.2 61.8

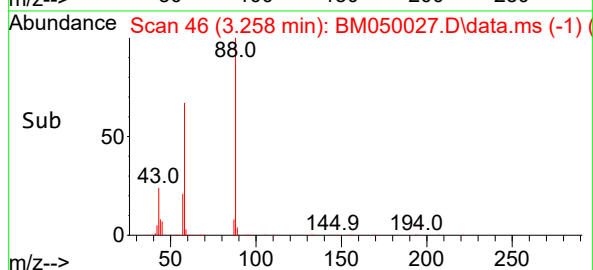
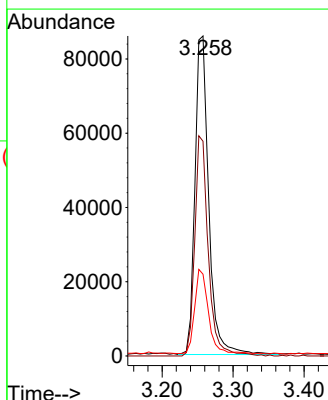
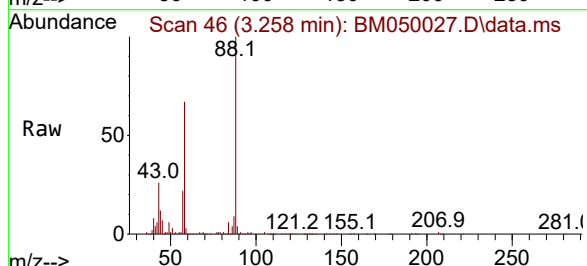
Manual Integrations
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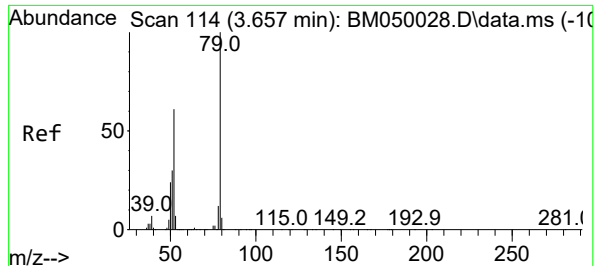
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 19.509 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

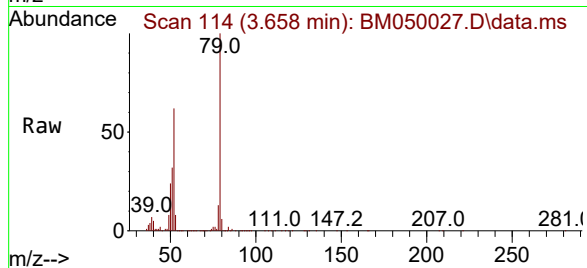
Tgt Ion: 88 Resp: 115944
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 26.7 20.9 31.3





#3
Pyridine
Concen: 19.532 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

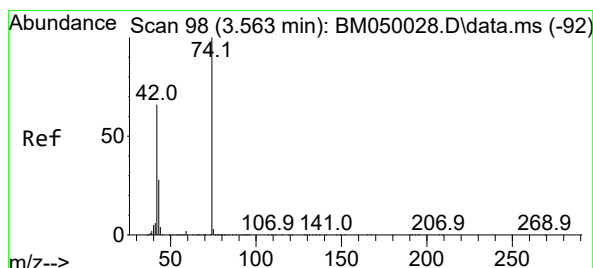
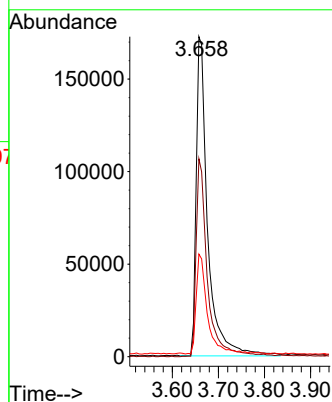
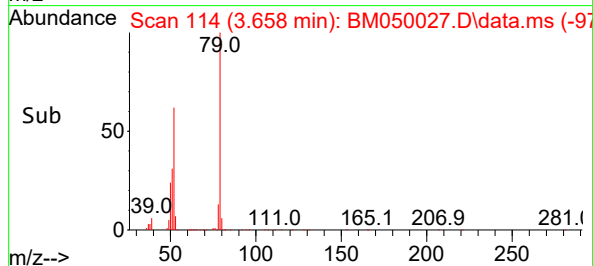
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



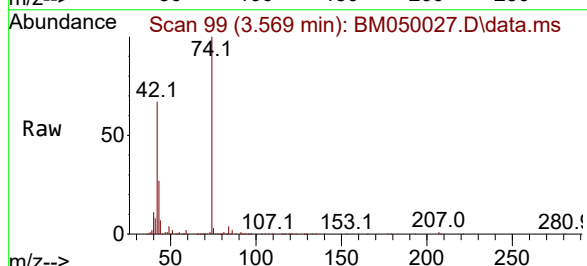
Tgt Ion: 79 Resp: 298250
Ion Ratio Lower Upper
79 100
52 61.8 48.6 72.8
51 32.1 24.6 37.0

Manual Integrations
APPROVED

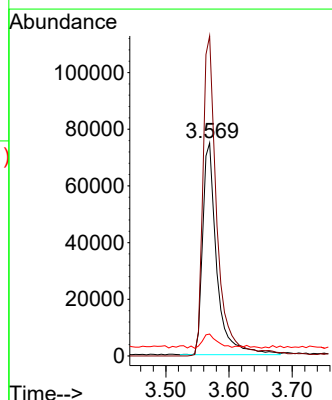
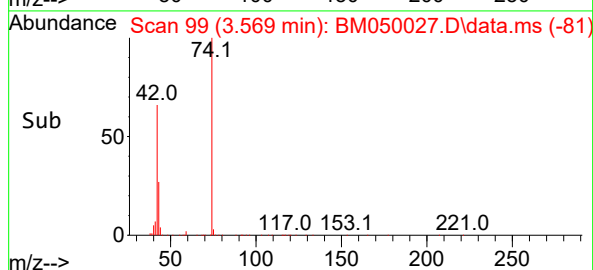
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

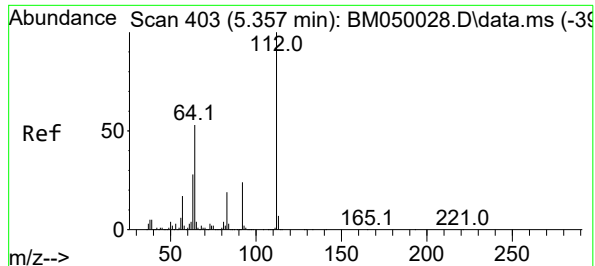


#4
n-Nitrosodimethylamine
Concen: 19.251 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion: 42 Resp: 115296
Ion Ratio Lower Upper
42 100
74 150.3 120.2 180.2
44 10.3 6.2 9.2#





#5

2-Fluorophenol

Concen: 38.777 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:112 Resp: 537488

Ion Ratio Lower Upper

112 100

64 54.3 42.6 64.0

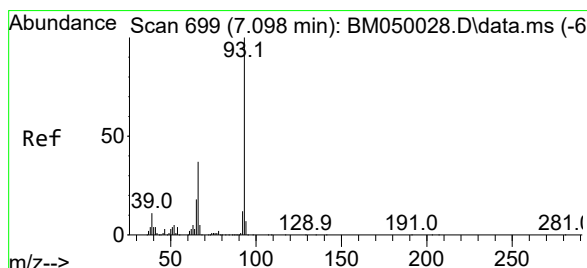
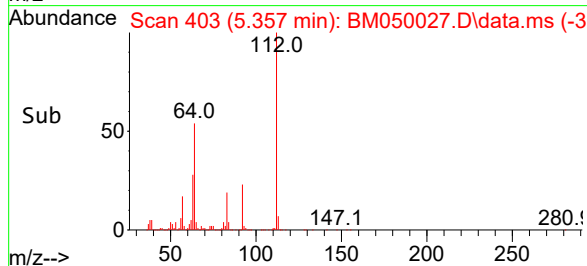
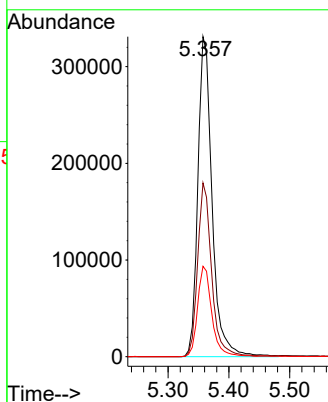
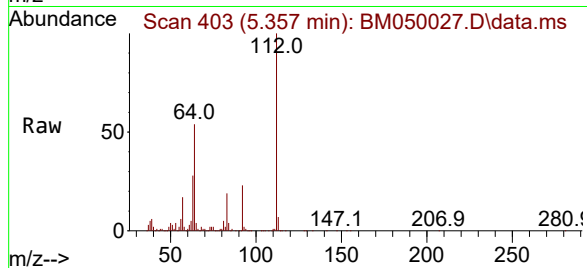
63 28.2 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 19.511 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

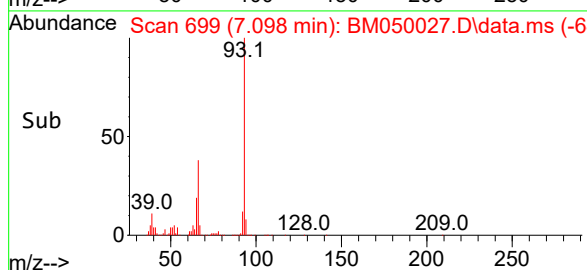
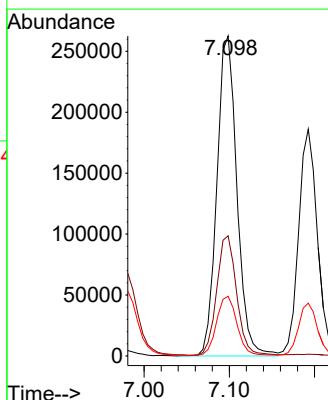
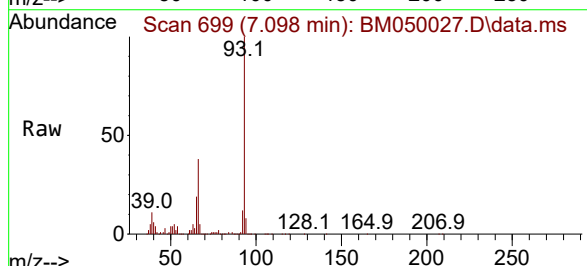
Tgt Ion: 93 Resp: 429222

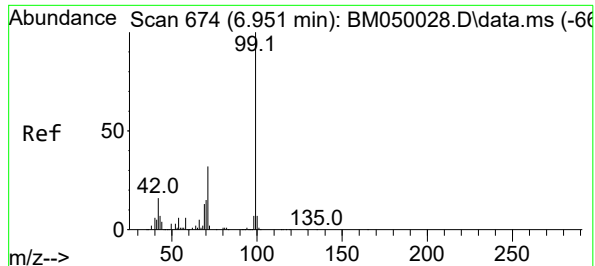
Ion Ratio Lower Upper

93 100

66 37.5 29.9 44.9

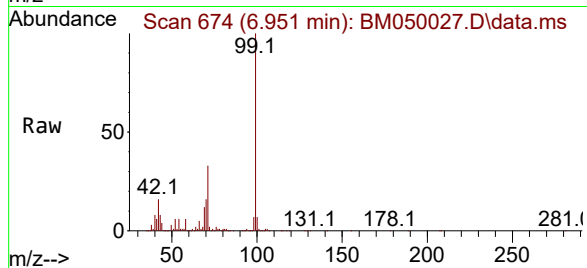
65 18.7 14.5 21.7





#7
Phenol-d6
Concen: 38.941 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

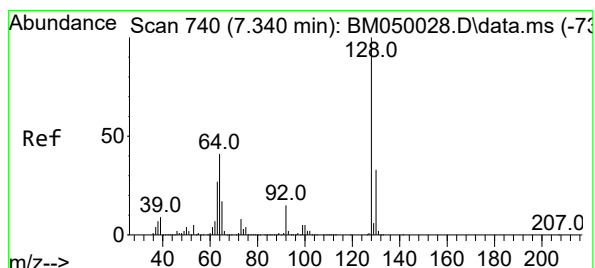
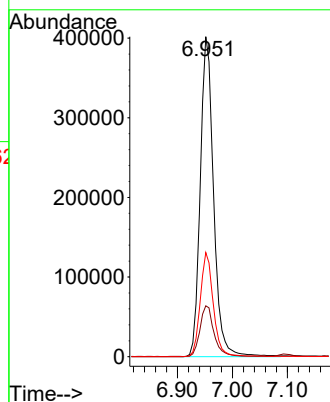
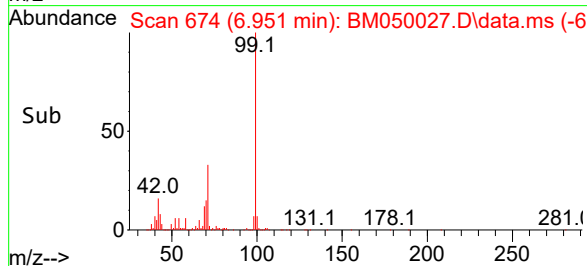
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 678404
Ion Ratio Lower Upper
99 100
42 15.9 13.0 19.4
71 32.6 25.6 38.4

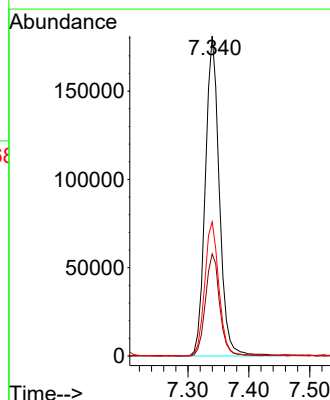
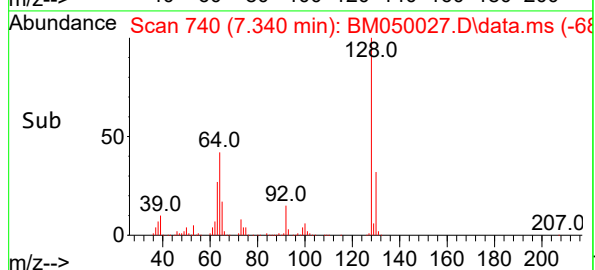
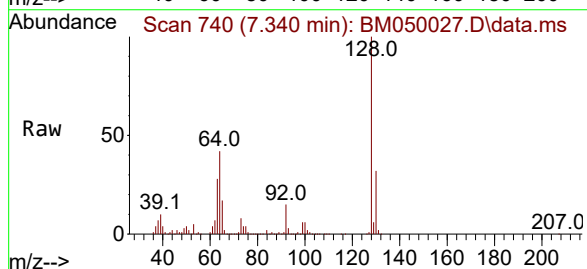
Manual Integrations
APPROVED

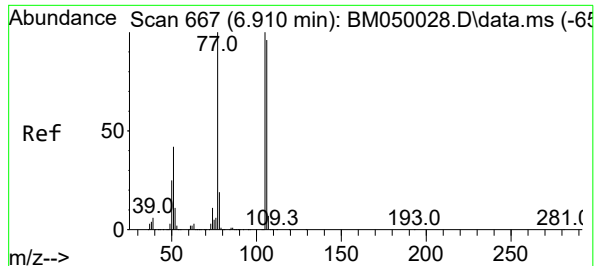
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 19.409 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

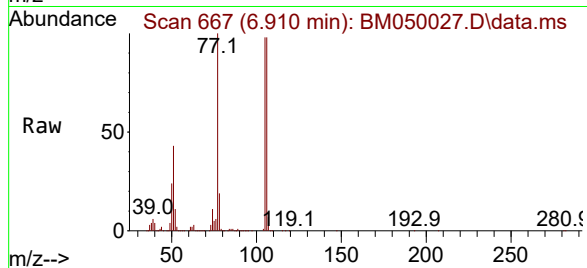
Tgt Ion:128 Resp: 290876
Ion Ratio Lower Upper
128 100
130 31.9 12.8 52.8
64 41.9 21.2 61.2





#9
Benzaldehyde
Concen: 20.233 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

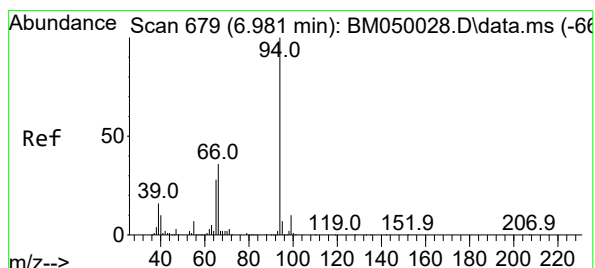
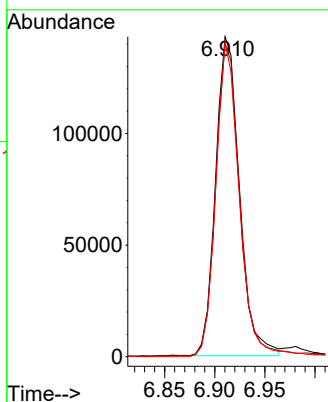
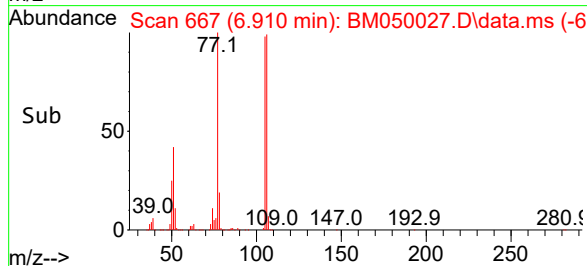
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 235594
Ion Ratio Lower Upper
77 100
105 97.9 80.5 120.5
106 98.3 76.1 116.1

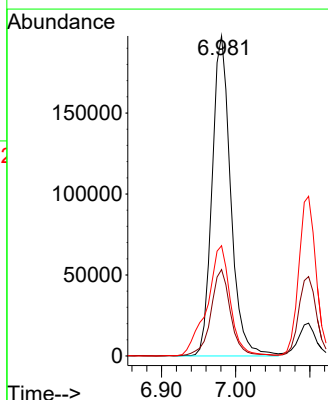
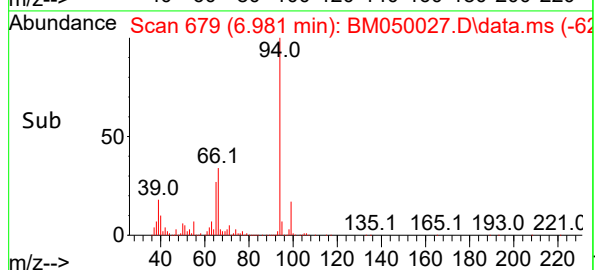
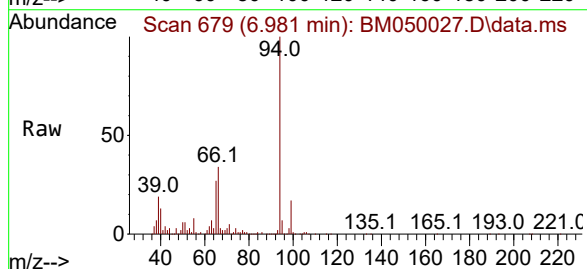
Manual Integrations
APPROVED

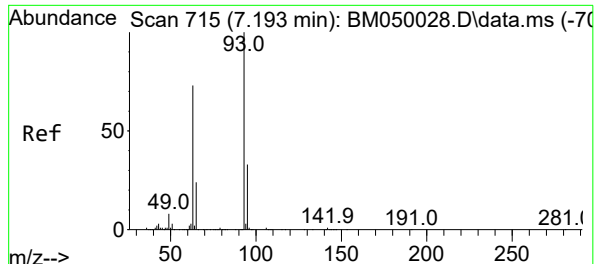
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 19.537 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

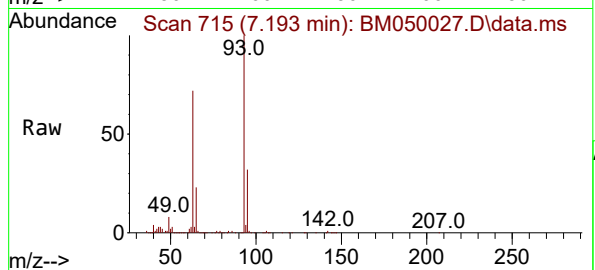
Tgt Ion: 94 Resp: 344567
Ion Ratio Lower Upper
94 100
65 27.0 7.6 47.6
66 34.4 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

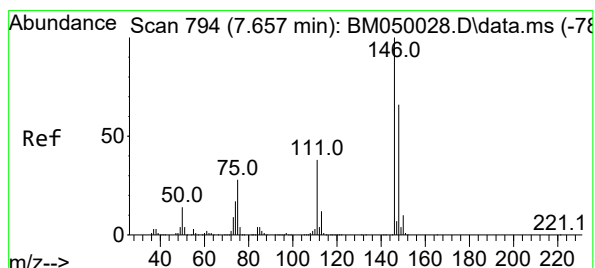
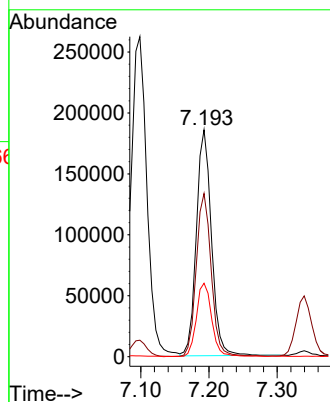
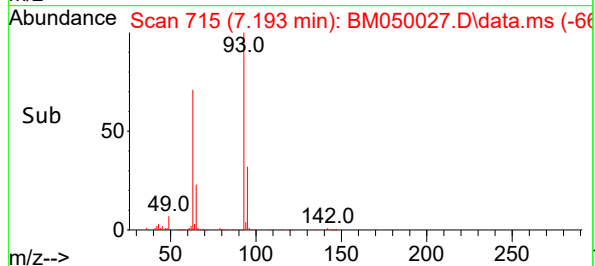
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 93 Resp: 285330
Ion Ratio Lower Upper
93 100
63 71.9 52.3 92.3
95 32.4 12.8 52.8

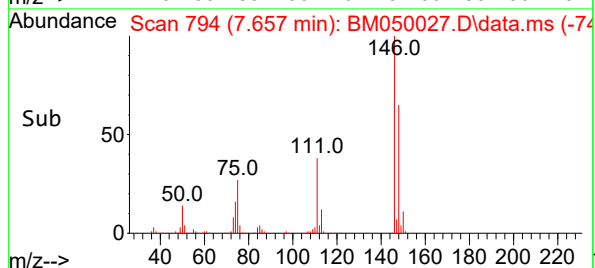
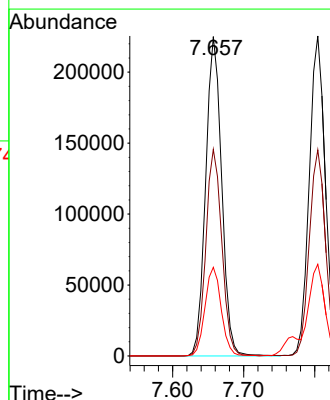
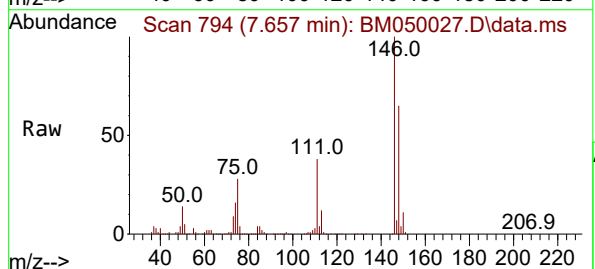
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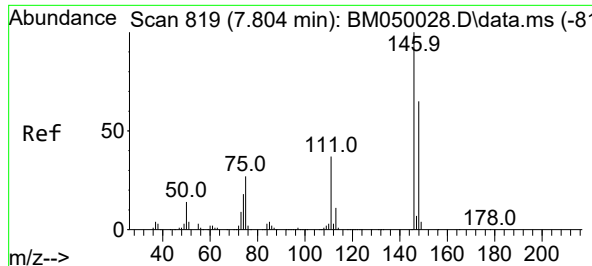
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 19.480 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

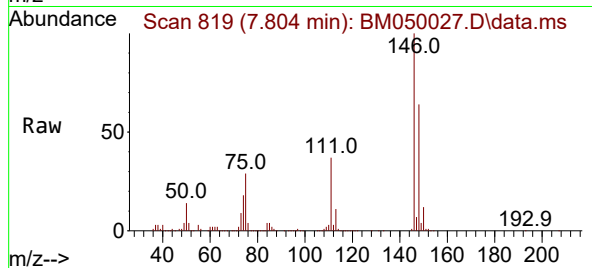
Tgt Ion:146 Resp: 352660
Ion Ratio Lower Upper
146 100
148 64.7 52.5 78.7
75 27.8 22.6 34.0





#13
1,4-Dichlorobenzene
Concen: 19.518 ng
RT: 7.804 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

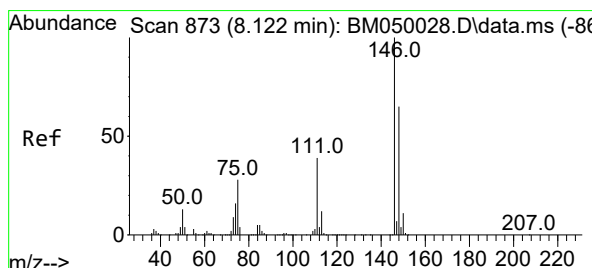
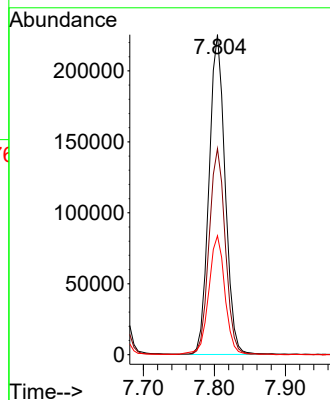
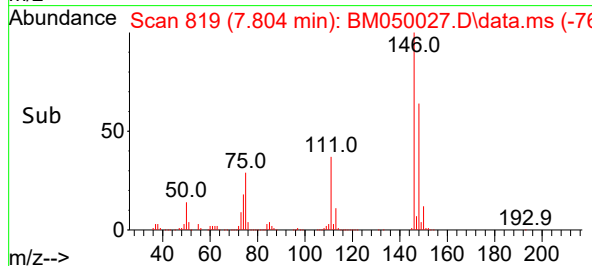
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



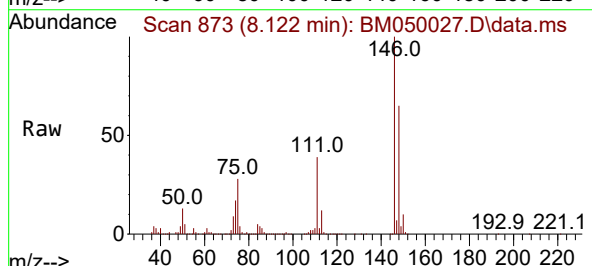
Tgt Ion:146 Resp: 354975
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.2
111 37.2 29.3 43.9

Manual Integrations
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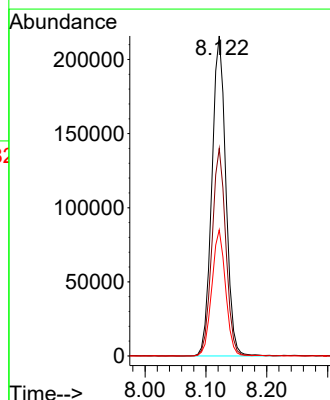
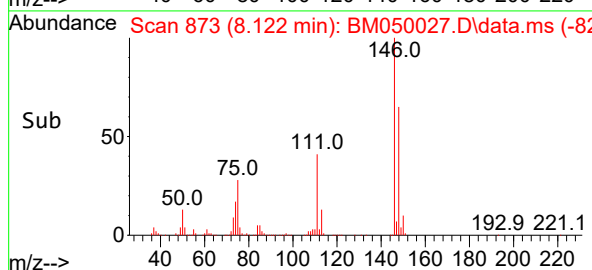
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

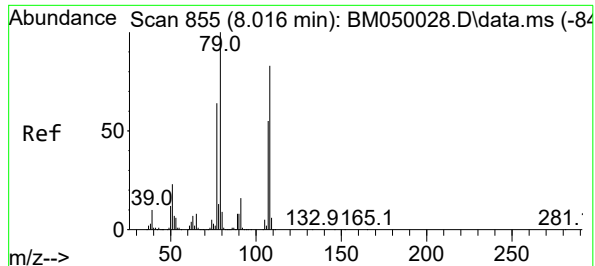


#14
1,2-Dichlorobenzene
Concen: 19.660 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion:146 Resp: 345385
Ion Ratio Lower Upper
146 100
148 64.8 52.4 78.6
111 39.4 31.0 46.6





#15

Benzyl Alcohol

Concen: 19.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 23454

Ion Ratio Lower Upper

79 100

108 79.9 66.0 99.0

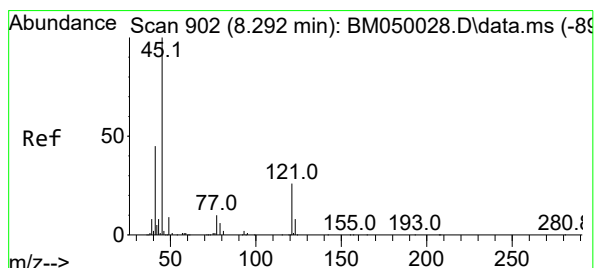
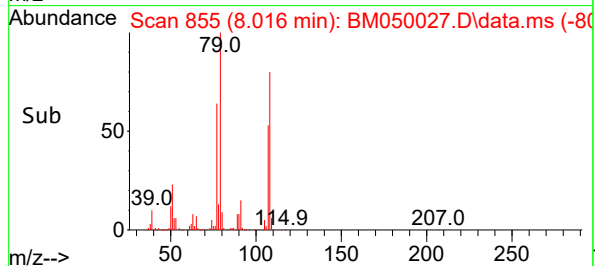
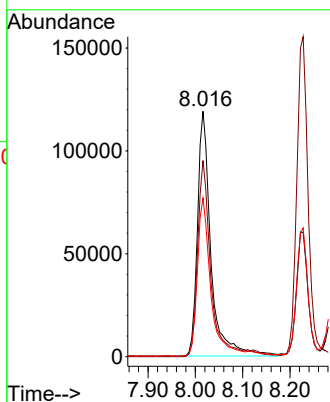
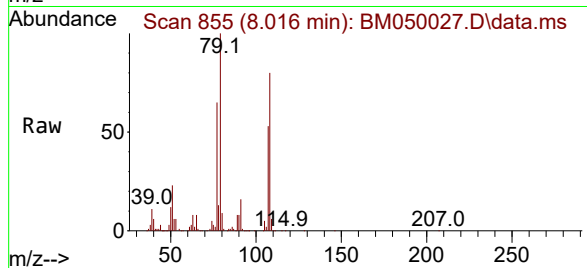
77 64.6 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.598 ng

RT: 8.293 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

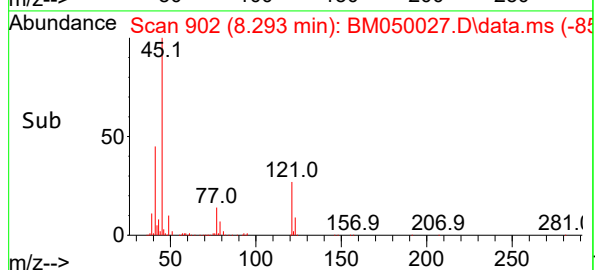
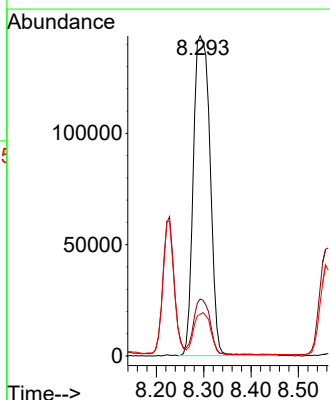
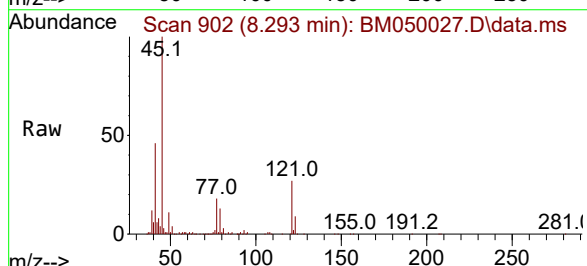
Tgt Ion: 45 Resp: 350829

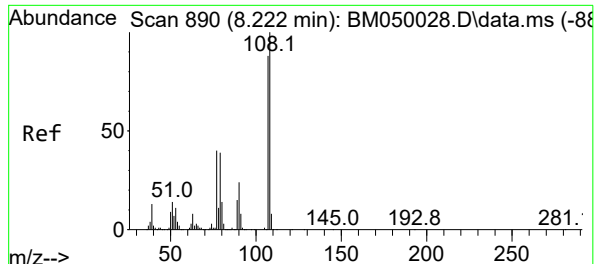
Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 19.450 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050027.D

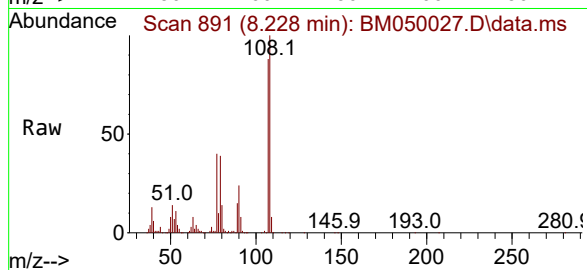
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 225978

Ion Ratio Lower Upper

107 100

108 113.4 91.1 136.7

77 45.7 36.2 54.4

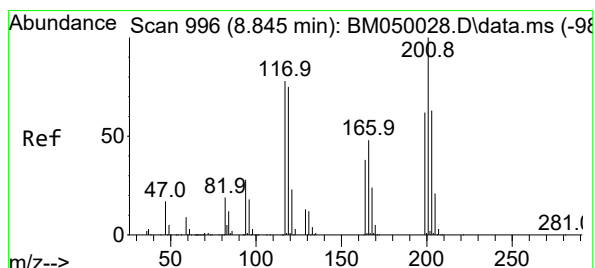
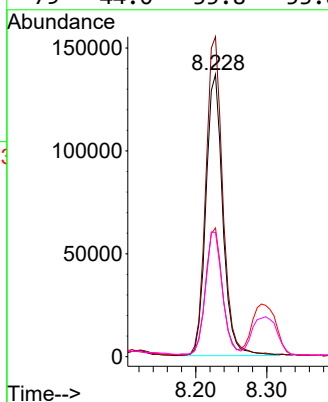
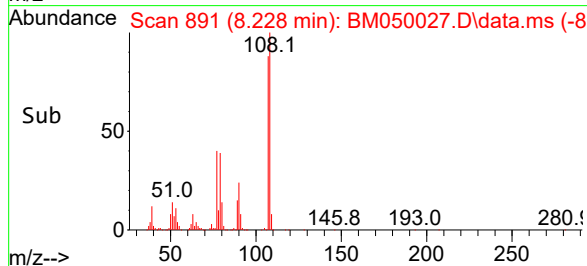
79 44.0 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

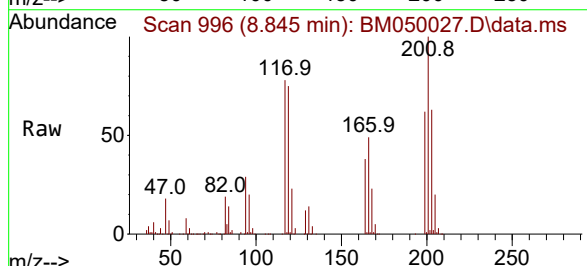
Concen: 19.571 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



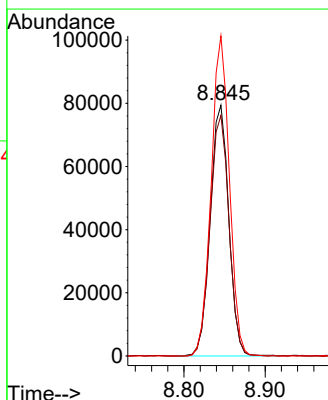
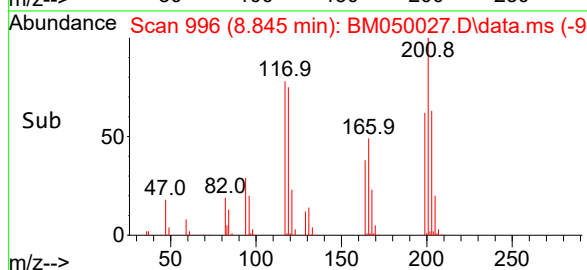
Tgt Ion:117 Resp: 126530

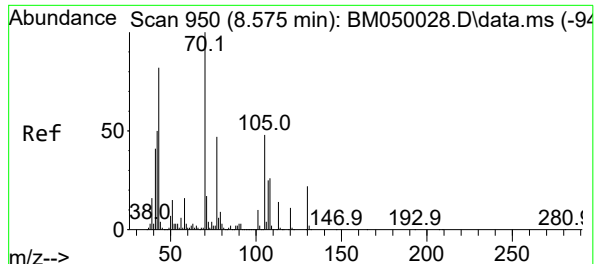
Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9

201 127.6 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 20.006 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 223538

Ion Ratio Lower Upper

70 100

42 49.5 40.5 60.7

101 9.5 7.8 11.6

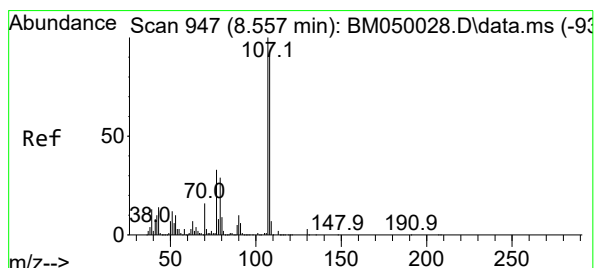
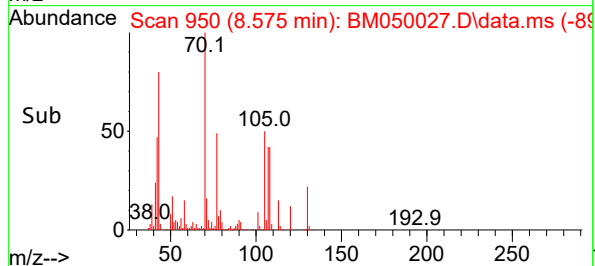
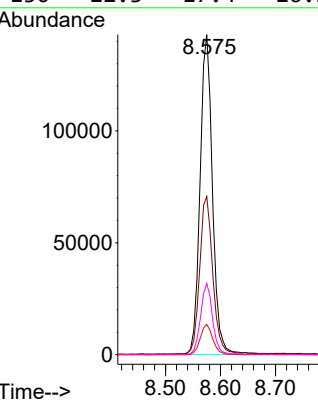
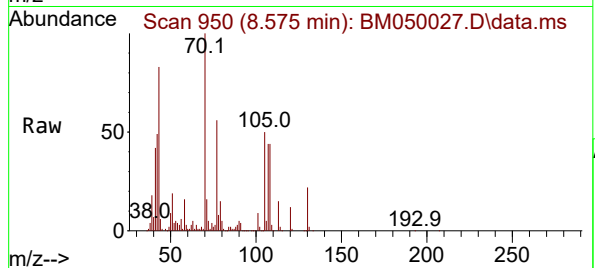
130 22.3 17.4 26.2

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 19.604 ng

RT: 8.557 min Scan# 947

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 307585

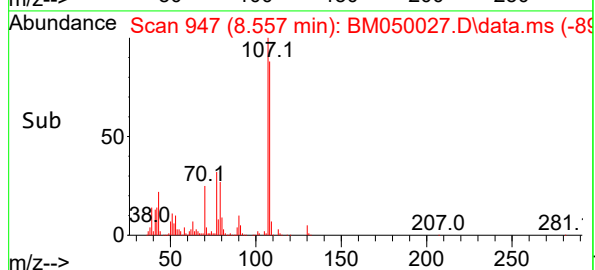
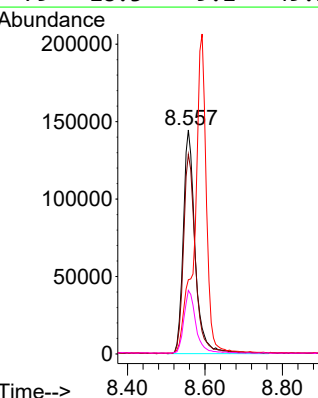
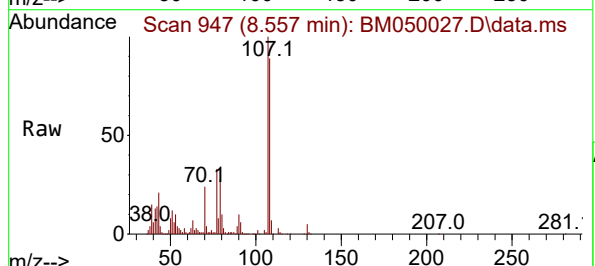
Ion Ratio Lower Upper

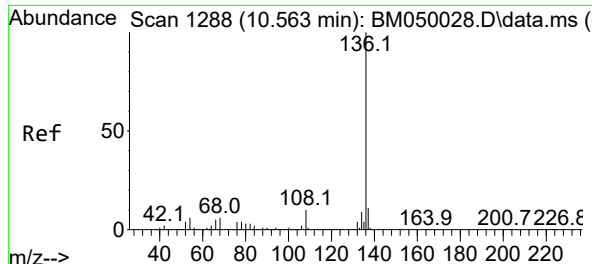
107 100

108 89.1 72.4 112.4

77 33.1 13.6 53.6

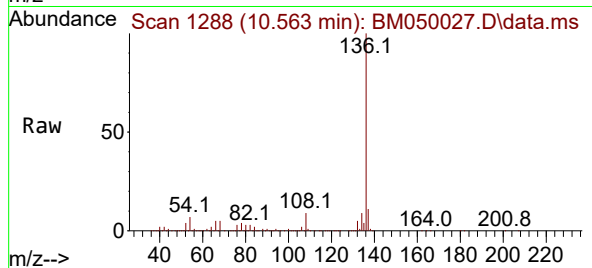
79 28.3 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

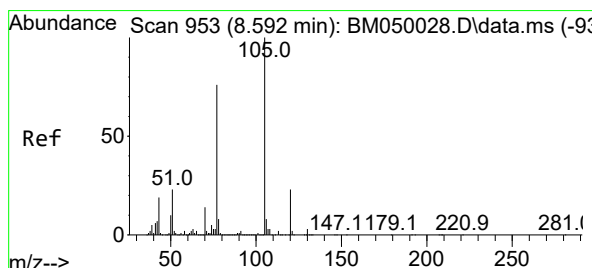
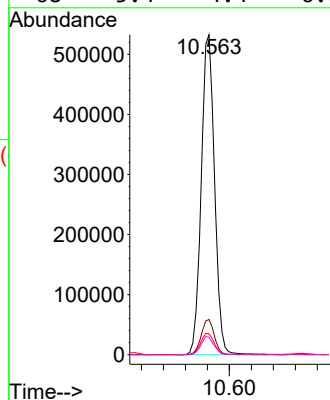
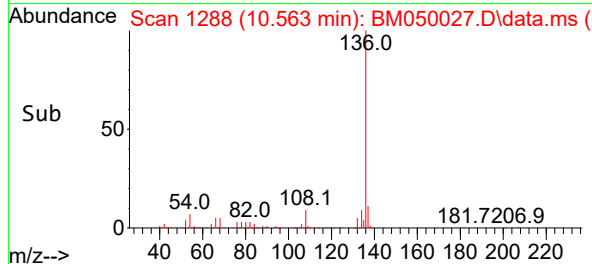
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 896360
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.6 5.1 7.7
68 5.4 4.4 6.6

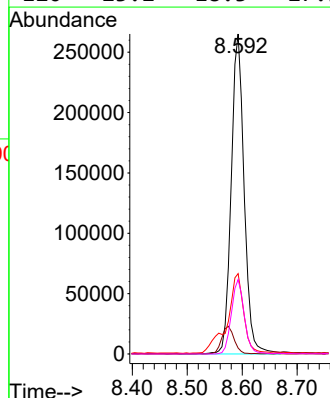
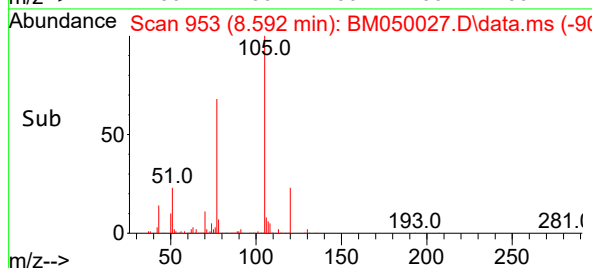
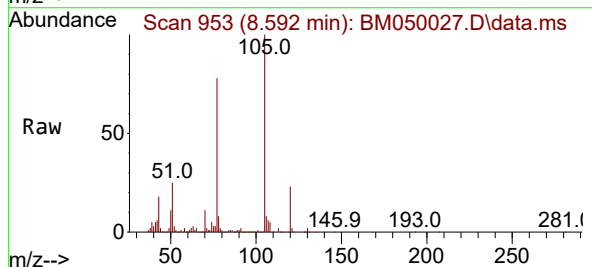
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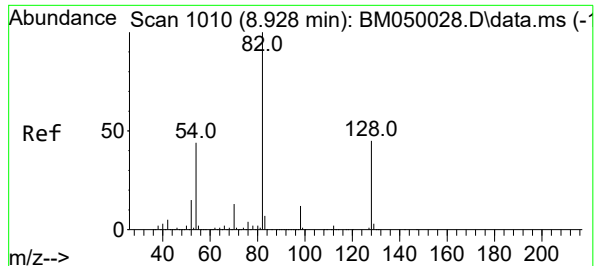
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 19.499 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

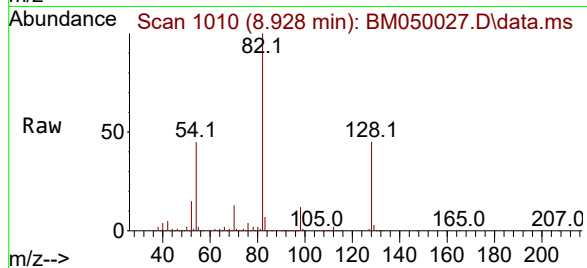
Tgt Ion:105 Resp: 434539
Ion Ratio Lower Upper
105 100
71 1.9 1.7 2.5
51 25.1 18.6 27.8
120 23.2 18.3 27.5





#23
Nitrobenzene-d5
Concen: 39.151 ng
RT: 8.928 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

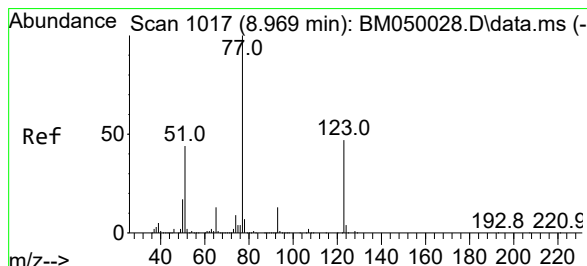
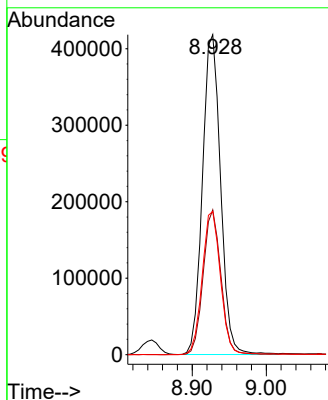
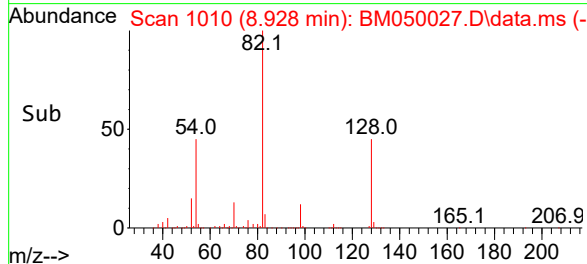
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 71217
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.8 35.4 53.2

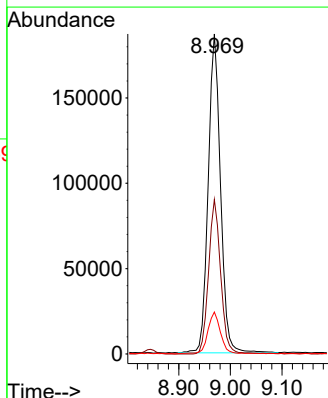
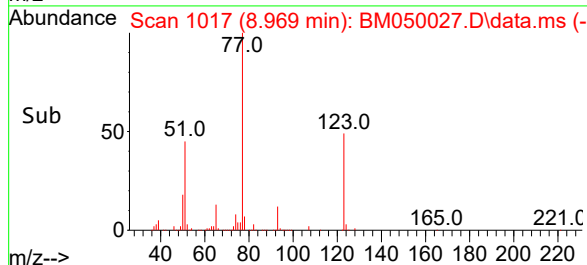
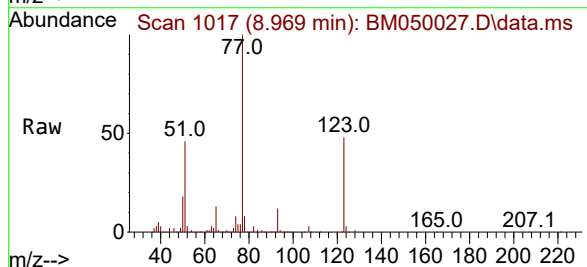
Manual Integrations
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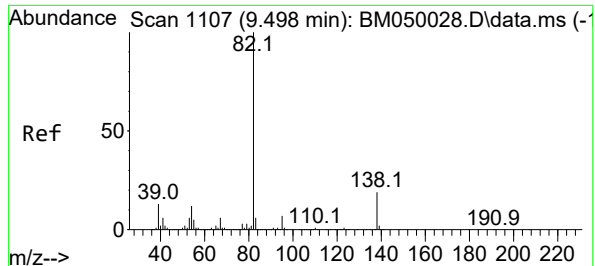
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 19.667 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 309341
Ion Ratio Lower Upper
77 100
123 48.2 37.9 56.9
65 13.1 10.1 15.1





#25

Isophorone

Concen: 19.648 ng

RT: 9.498 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 60925

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

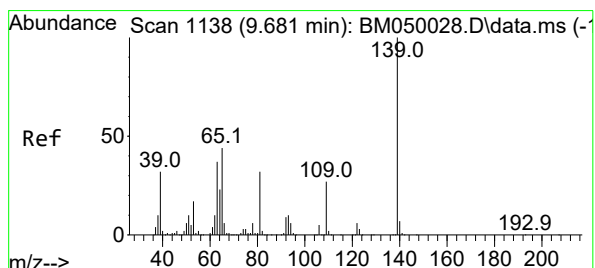
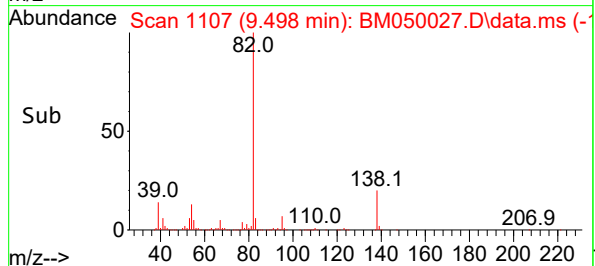
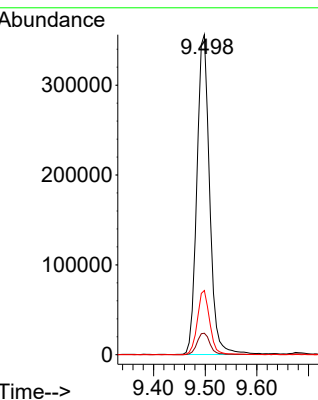
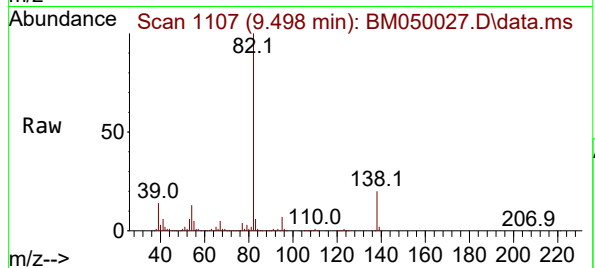
138 20.1 15.5 23.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#26

2-Nitrophenol

Concen: 19.211 ng

RT: 9.681 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

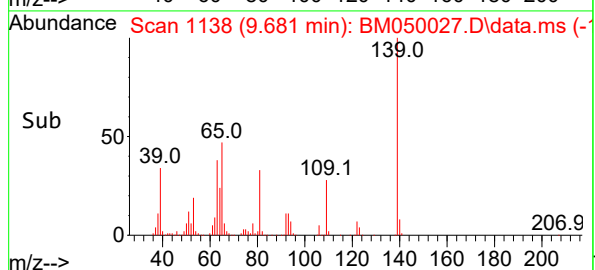
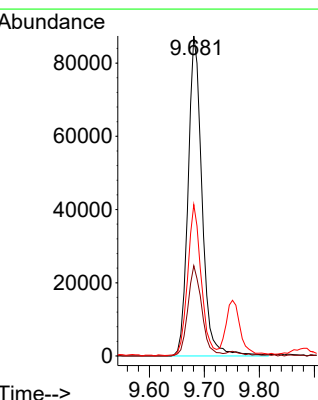
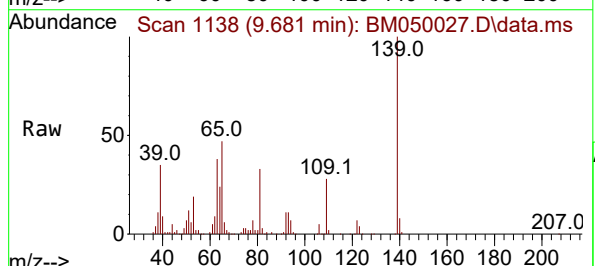
Tgt Ion:139 Resp: 154364

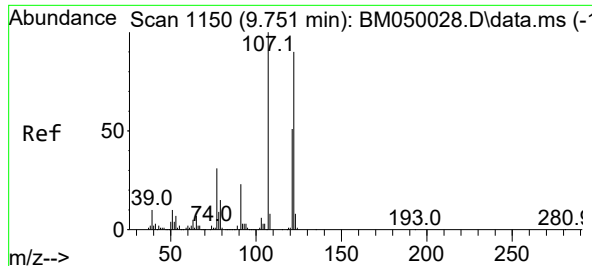
Ion Ratio Lower Upper

139 100

109 28.2 21.9 32.9

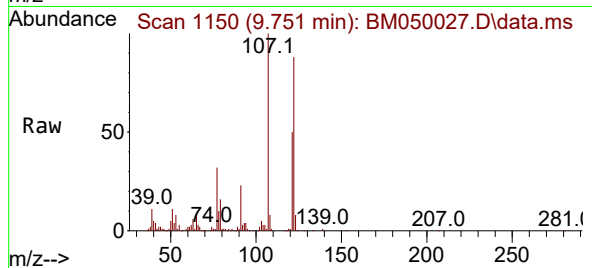
65 47.3 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 19.460 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

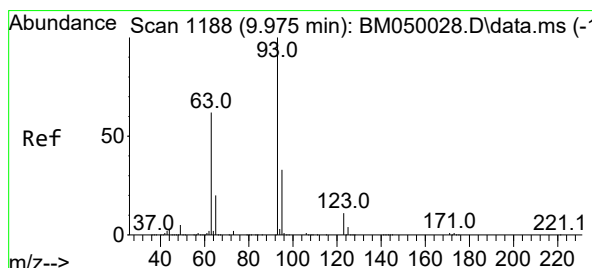
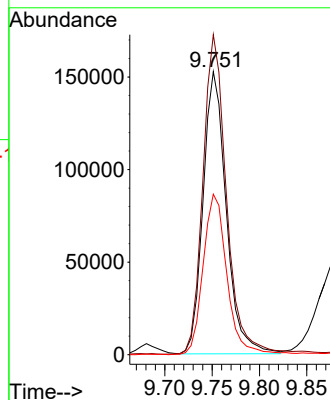
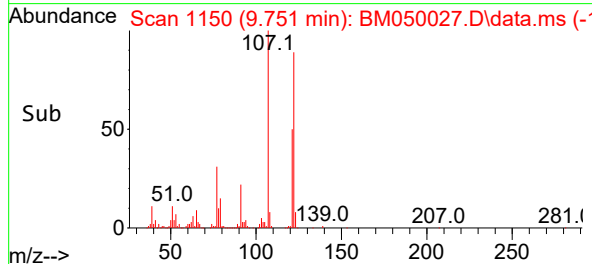
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 259319
Ion Ratio Lower Upper
122 100
107 113.1 89.0 133.6
121 56.7 45.6 68.4

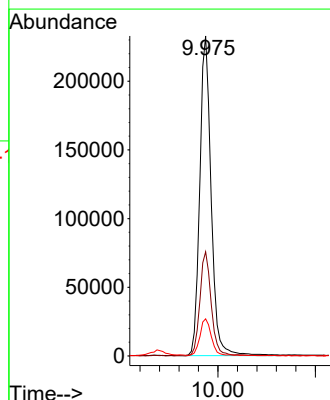
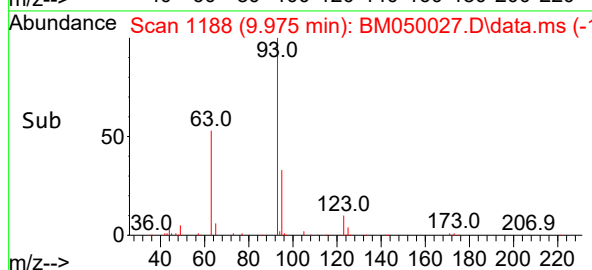
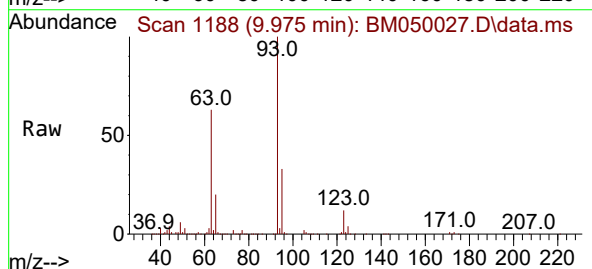
Manual Integrations
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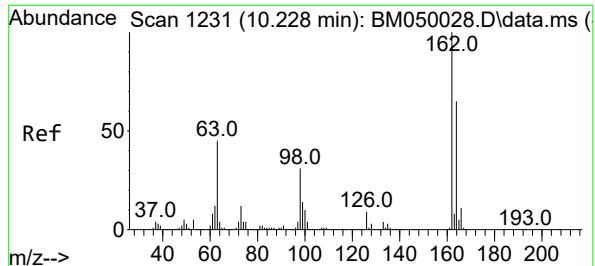
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 19.732 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 378162
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 19.582 ng

RT: 10.234 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 292330

Ion Ratio Lower Upper

162 100

164 65.2 45.4 85.4

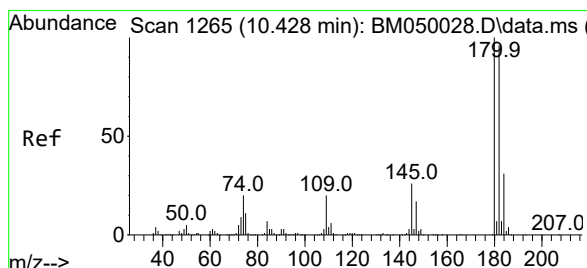
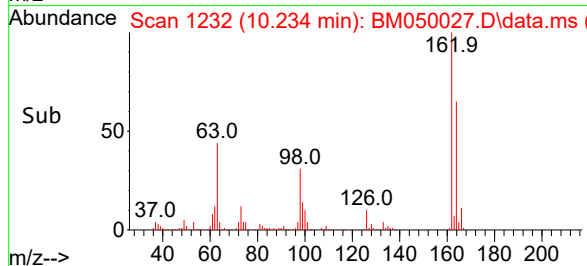
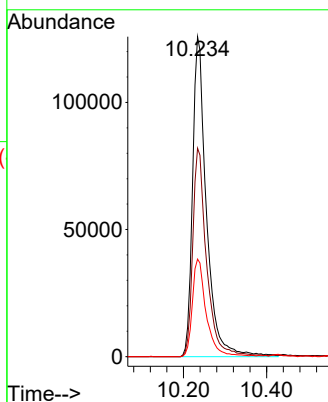
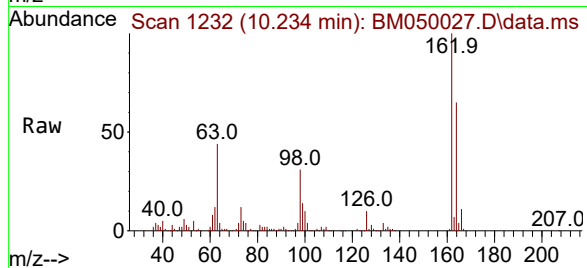
98 30.5 11.3 51.3

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#30

1,2,4-Trichlorobenzene

Concen: 19.397 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

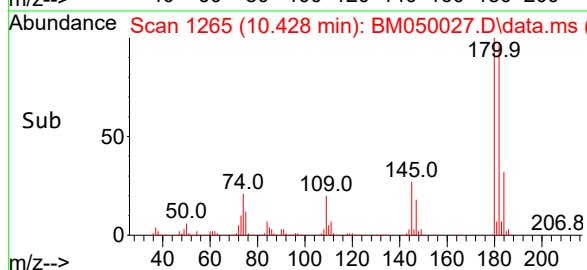
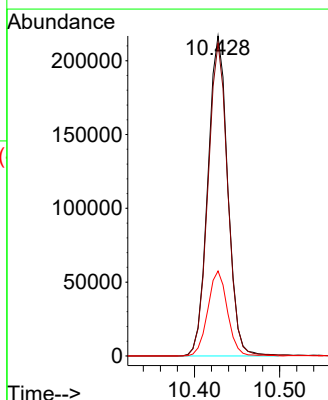
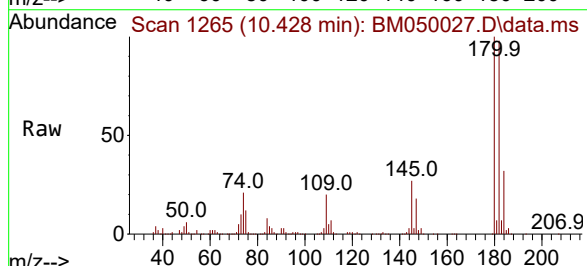
Tgt Ion:180 Resp: 352792

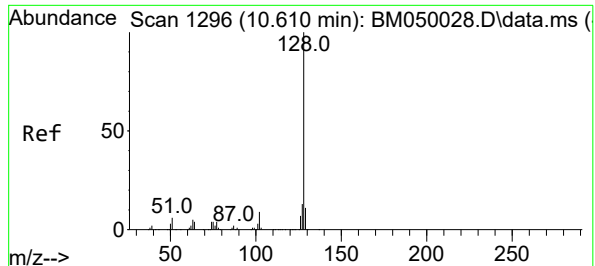
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.4

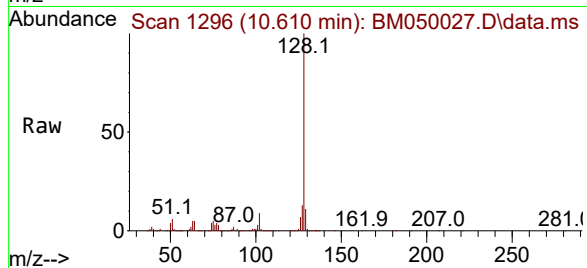
145 26.6 20.6 30.8





#31
Naphthalene
Concen: 19.618 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

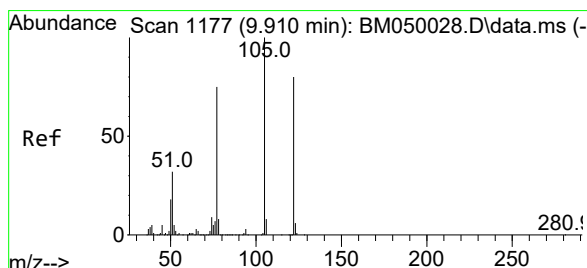
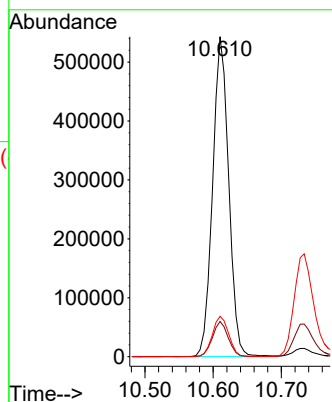
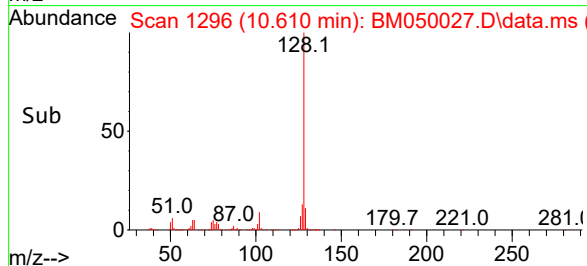
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



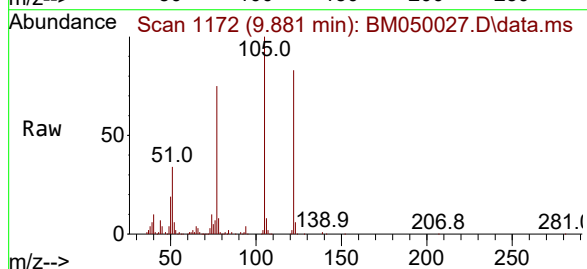
Tgt Ion:128 Resp: 890530
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.6 10.4 15.6

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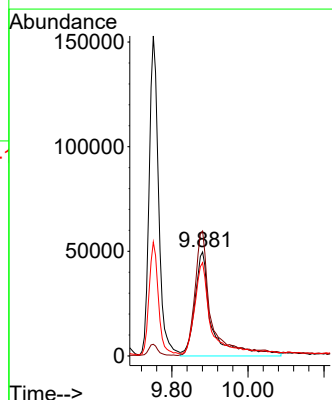
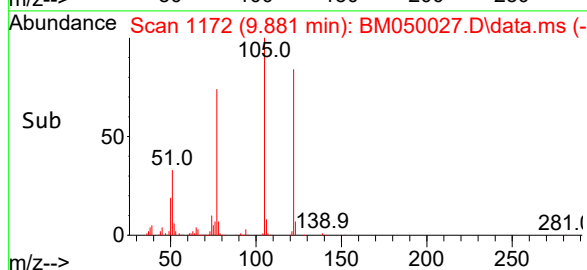
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

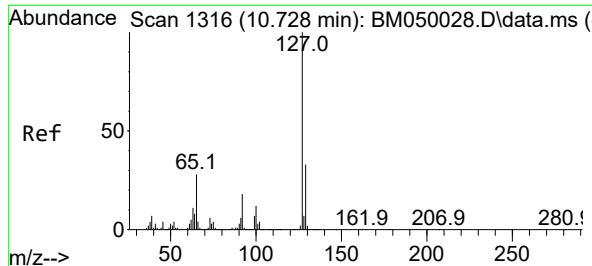


#32
Benzoic acid
Concen: 18.168 ng m
RT: 9.881 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



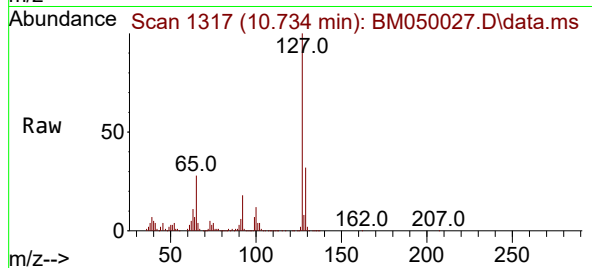
Tgt Ion:122 Resp: 154412
Ion Ratio Lower Upper
122 100
105 120.1 103.6 143.6
77 89.7 73.7 113.7





#33
4-Chloroaniline
Concen: 19.475 ng
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

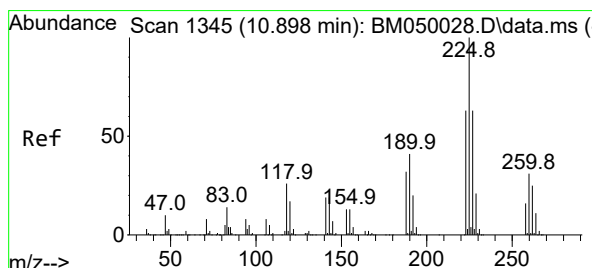
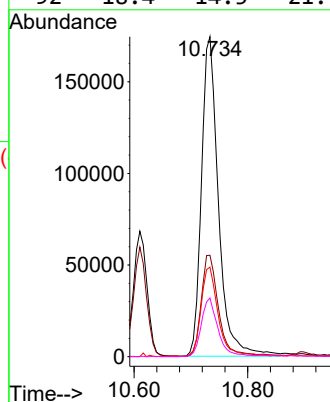
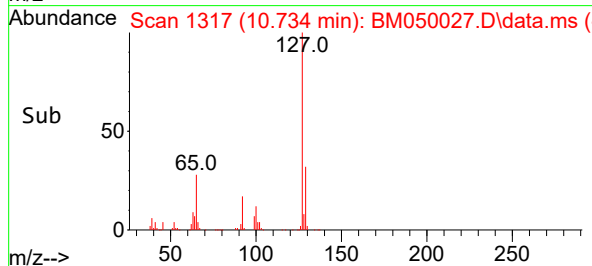
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



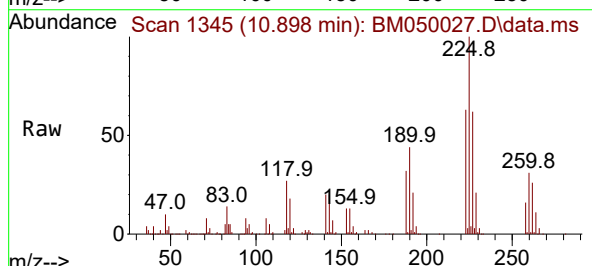
Tgt Ion:127 Resp: 362360
Ion Ratio Lower Upper
127 100
129 31.7 26.3 39.5
65 28.0 22.5 33.7
92 18.4 14.5 21.7

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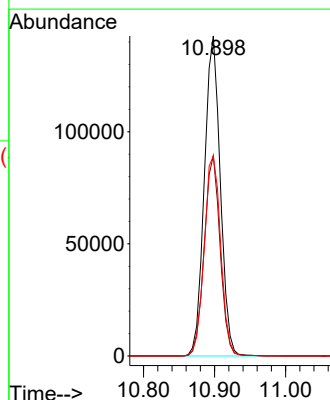
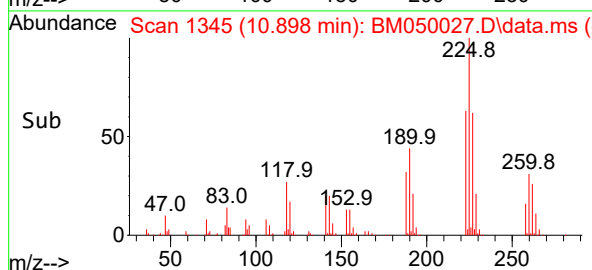
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

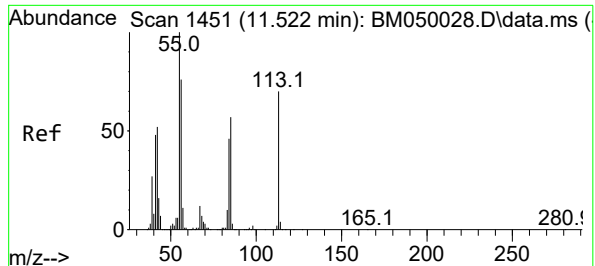


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



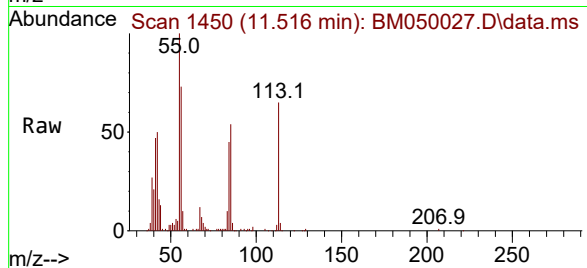
Tgt Ion:225 Resp: 223143
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 62.4 50.6 76.0





#35
Caprolactam
Concen: 19.509 ng
RT: 11.516 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

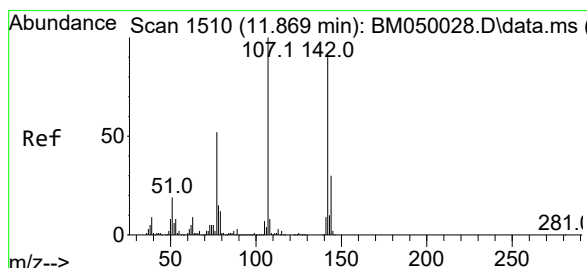
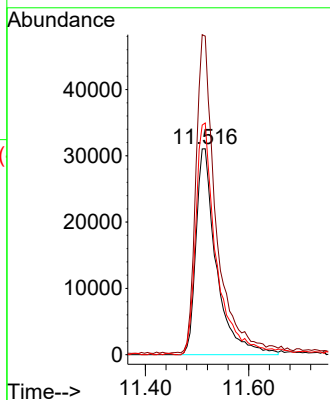
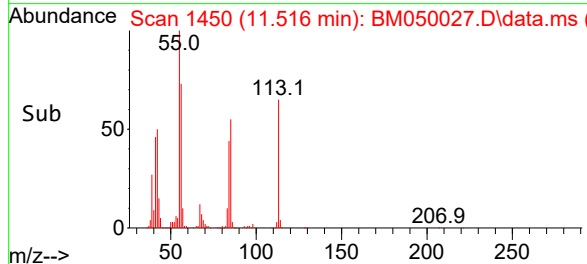
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 8491
Ion Ratio Lower Upper
113 100
55 154.8 122.9 162.9
56 112.6 88.1 128.1

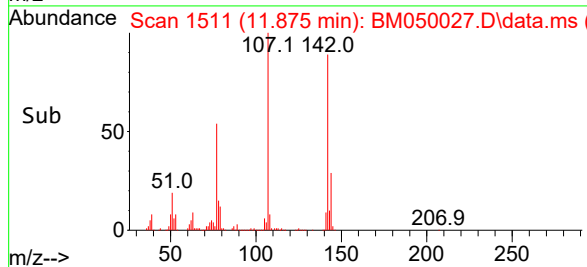
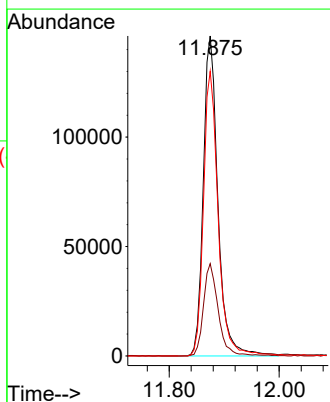
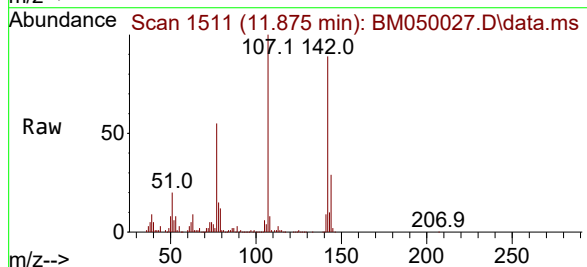
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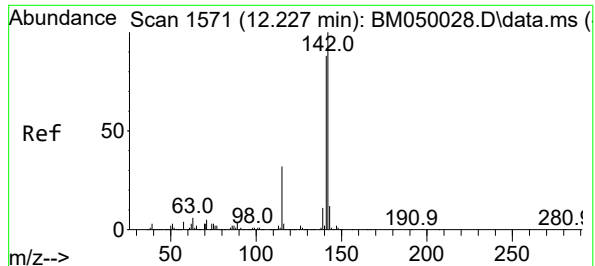
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#36
4-Chloro-3-methylphenol
Concen: 19.613 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

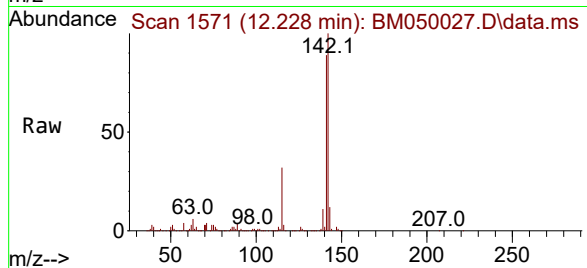
Tgt Ion:107 Resp: 270510
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 89.0 71.9 107.9





#37
2-Methylnaphthalene
Concen: 19.498 ng
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

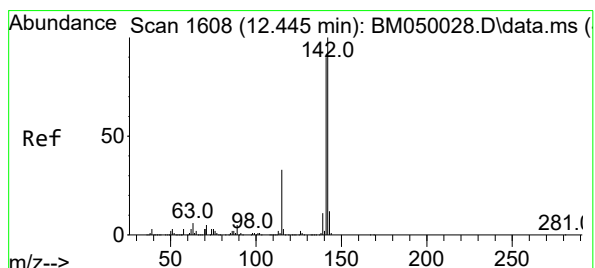
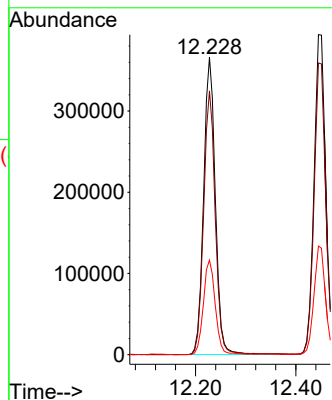
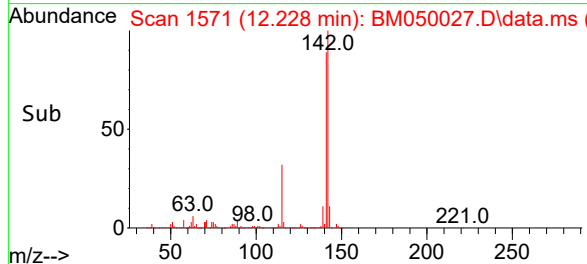
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 593400
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 31.8 25.4 38.2

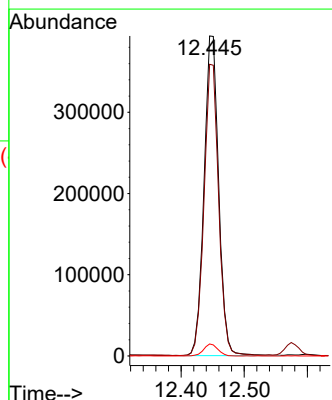
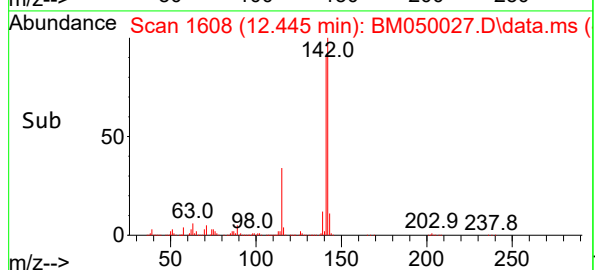
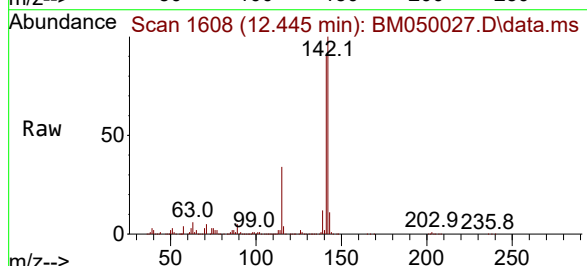
Manual Integrations
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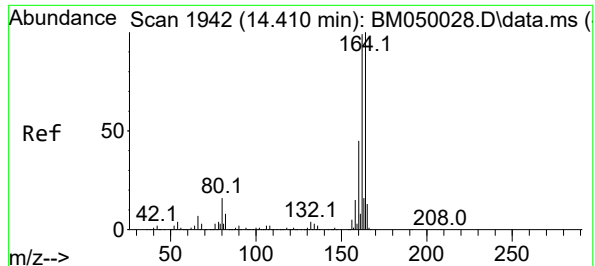
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 634293
Ion Ratio Lower Upper
142 100
141 91.1 72.1 108.1
116 3.8 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050027.D

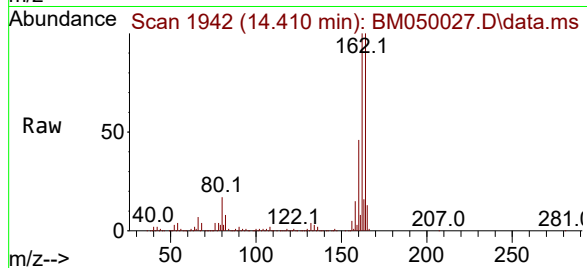
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 61468

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

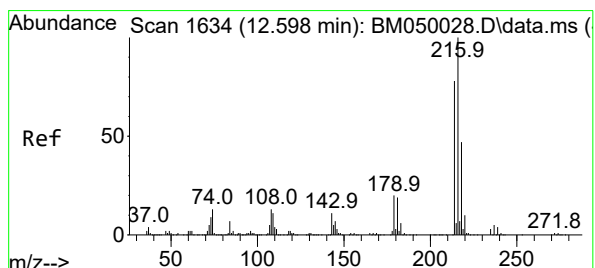
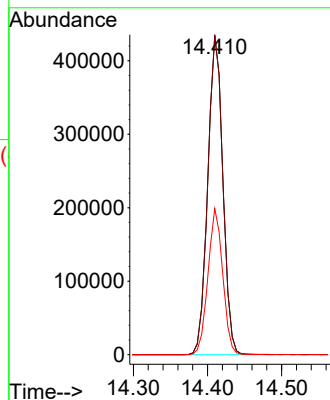
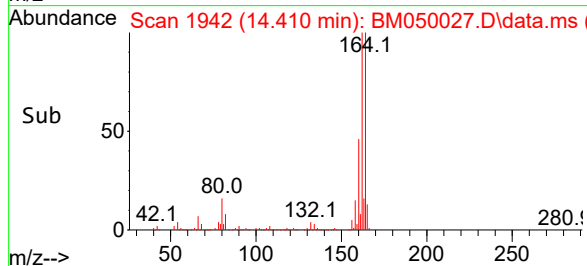
160 45.8 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

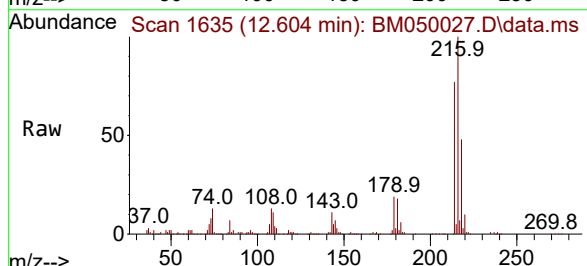
Concen: 18.909 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:216 Resp: 402355

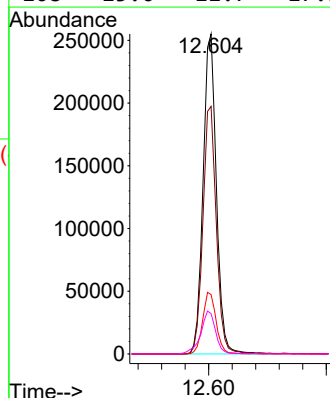
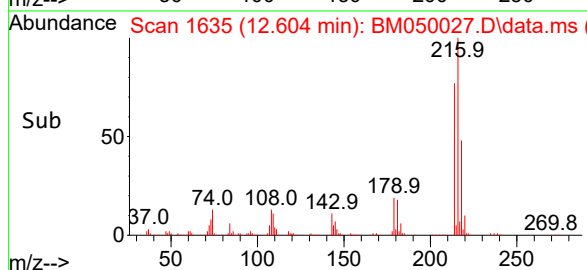
Ion Ratio Lower Upper

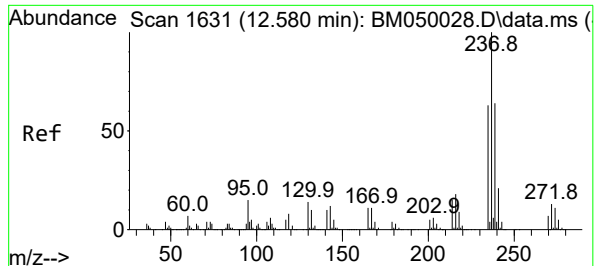
216 100

214 78.2 62.3 93.5

179 19.6 15.4 23.0

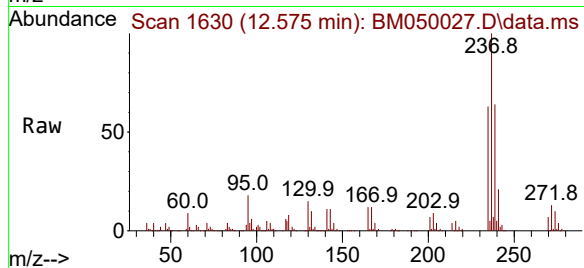
108 15.0 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 17.091 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

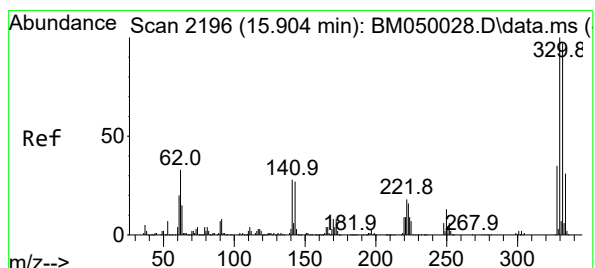
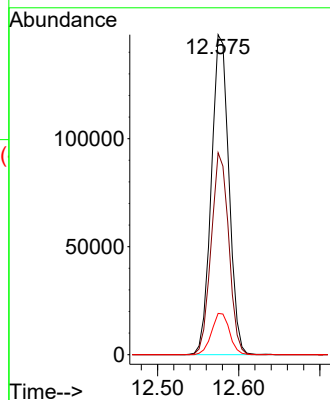
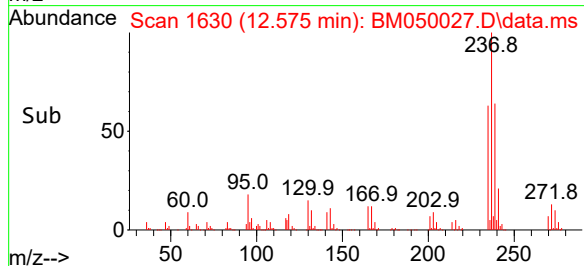
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



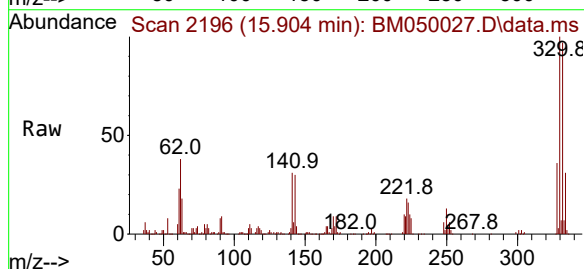
Tgt Ion:237 Resp: 222254
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.9

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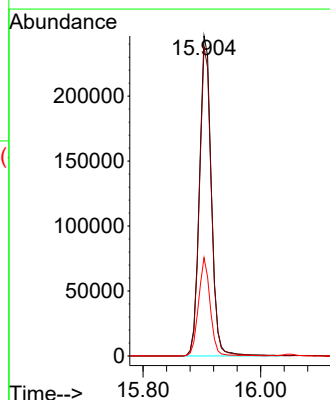
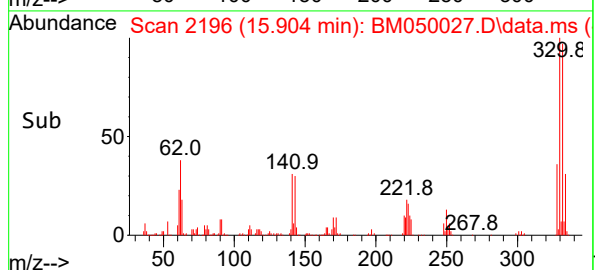
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

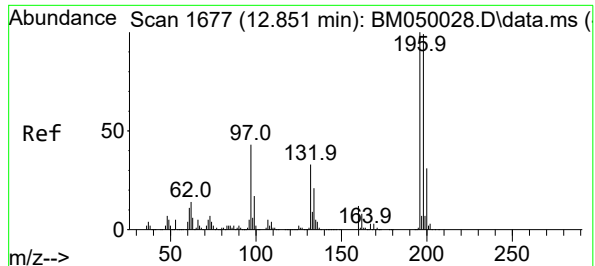


#42
2,4,6-Tribromophenol
Concen: 37.960 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion:330 Resp: 345020
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.1 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 19.276 ng

RT: 12.851 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM050027.D

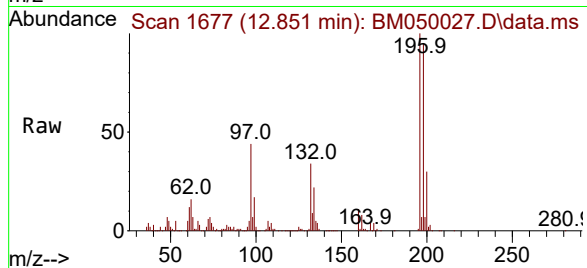
Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 26016

Ion Ratio Lower Upper

196 100

198 94.8 79.0 118.6

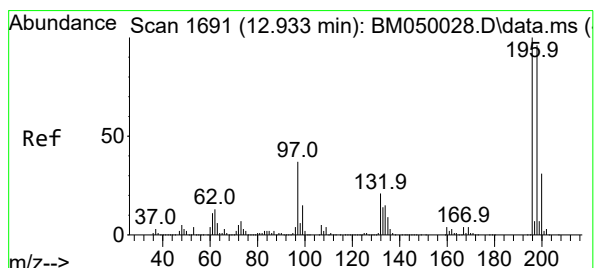
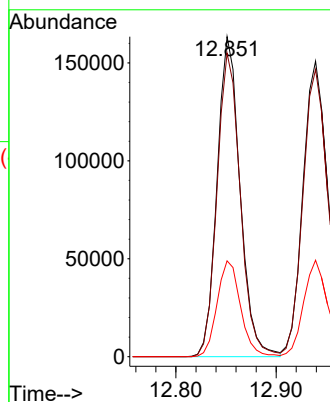
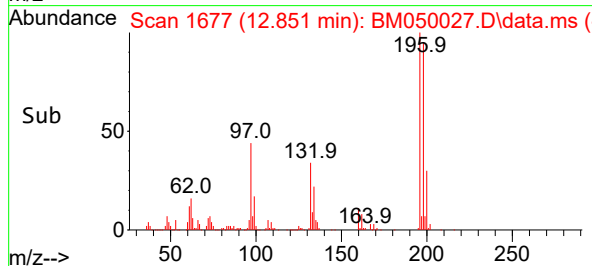
200 30.0 25.1 37.7

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

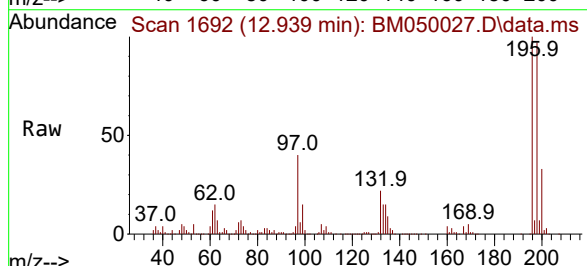
Concen: 19.123 ng

RT: 12.939 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27



Tgt Ion:196 Resp: 278307

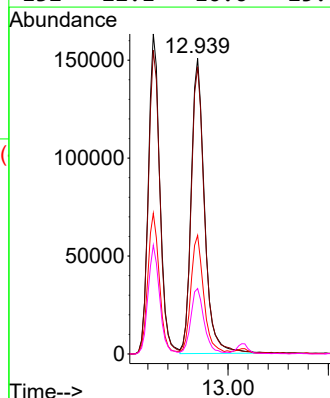
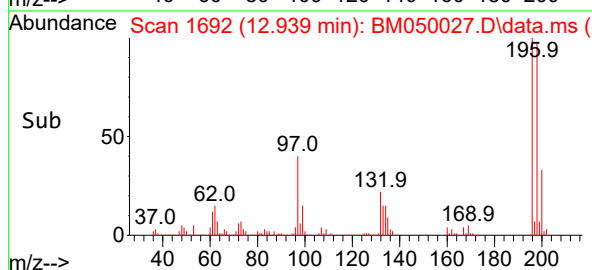
Ion Ratio Lower Upper

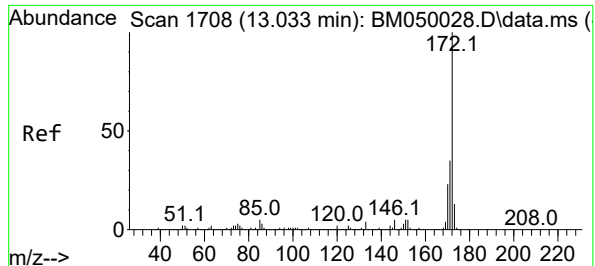
196 100

198 97.2 76.7 115.1

97 40.1 30.1 45.1

132 22.1 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 38.602 ng

RT: 13.027 min Scan# 1707

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 200578

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

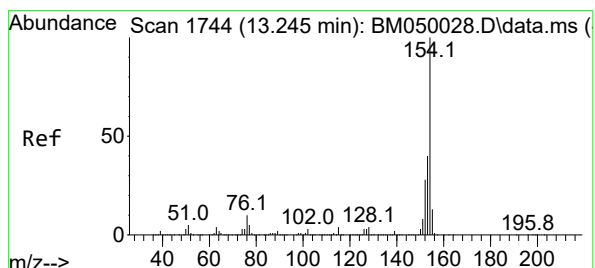
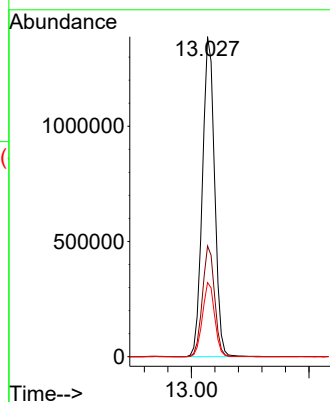
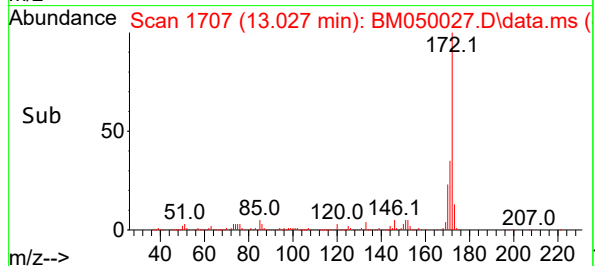
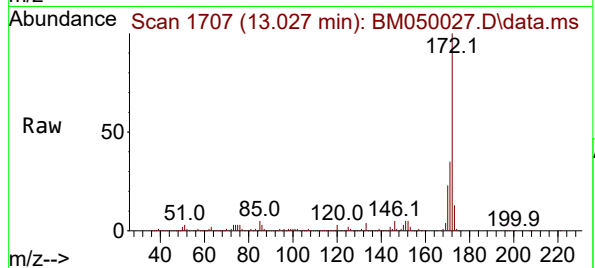
170 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#46

1,1'-Biphenyl

Concen: 19.530 ng

RT: 13.239 min Scan# 1743

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

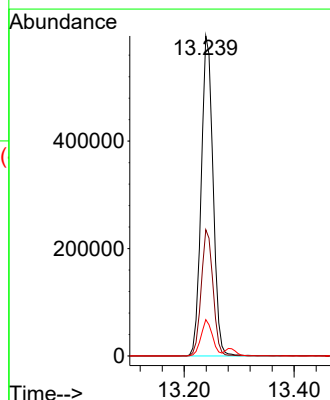
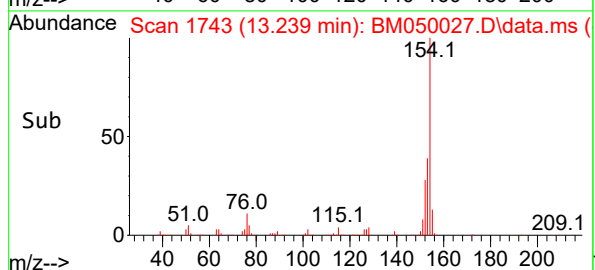
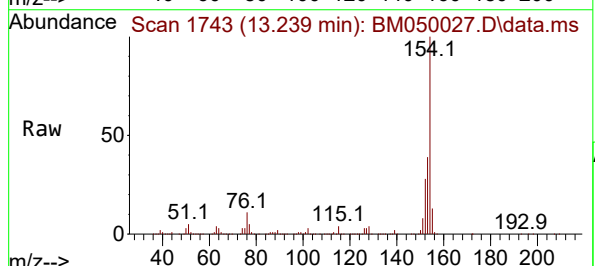
Tgt Ion:154 Resp: 892394

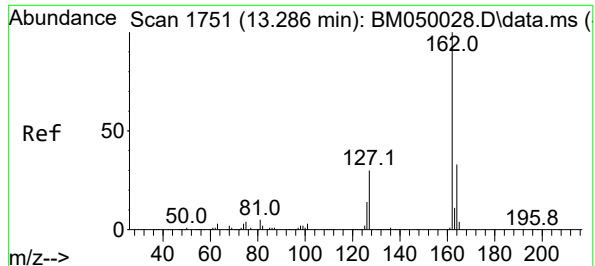
Ion Ratio Lower Upper

154 100

153 39.5 20.0 60.0

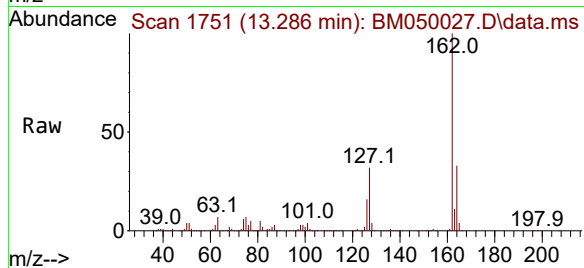
76 11.3 0.0 30.3





#47
2-Chloronaphthalene
Concen: 19.614 ng
RT: 13.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

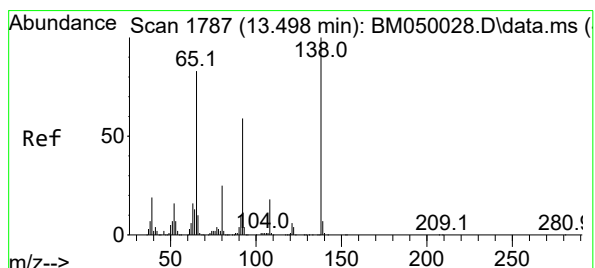
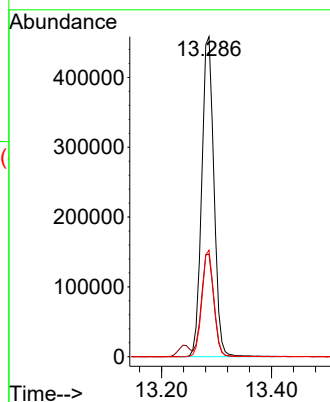
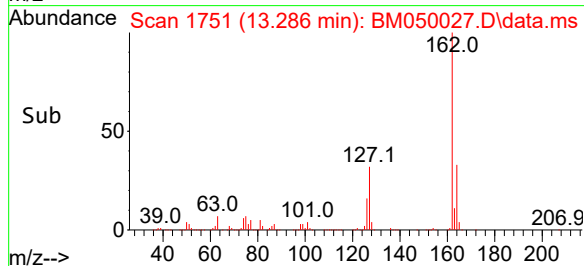
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



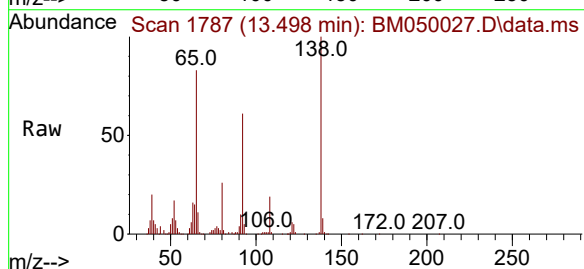
Tgt Ion:162 Resp: 709815
Ion Ratio Lower Upper
162 100
127 32.0 25.9 38.9
164 33.3 26.6 40.0

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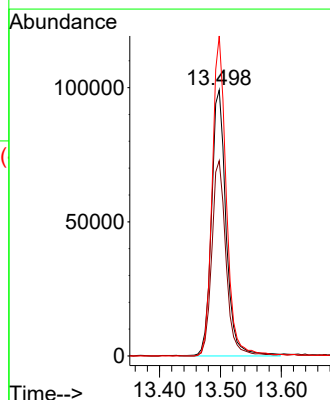
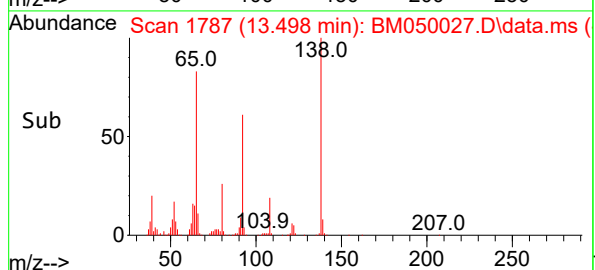
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

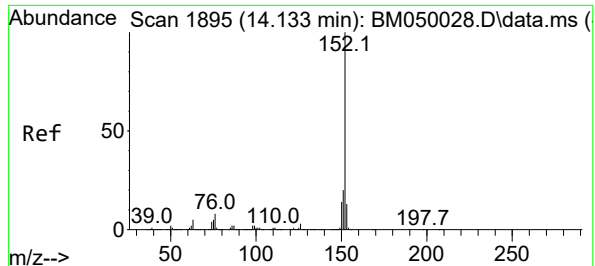


#48
2-Nitroaniline
Concen: 19.465 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



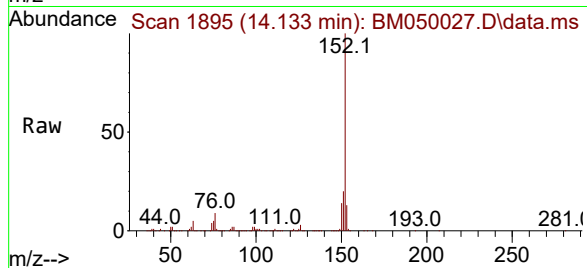
Tgt Ion: 65 Resp: 165324
Ion Ratio Lower Upper
65 100
92 73.4 57.1 85.7
138 120.3 97.0 145.4





#49
Acenaphthylene
Concen: 19.502 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

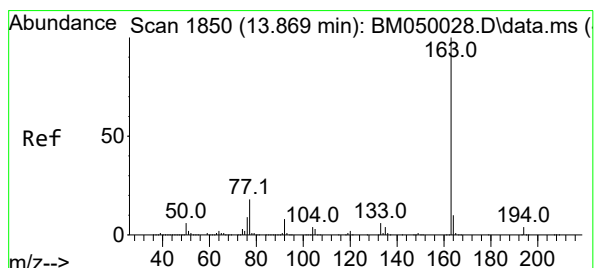
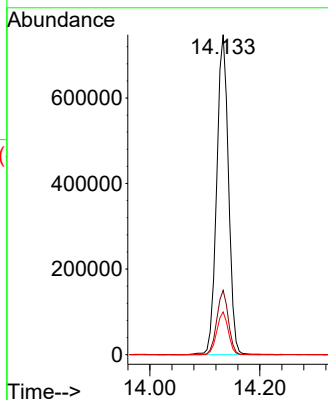
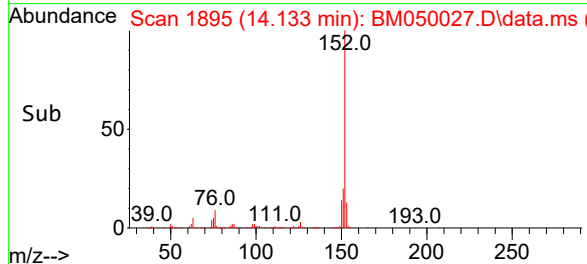
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 1112760
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.3 10.6 15.8

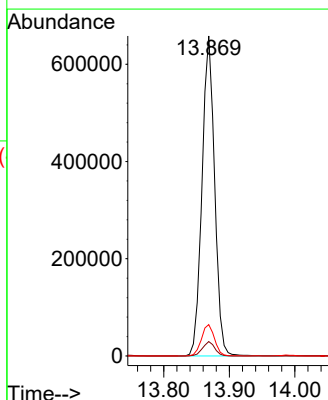
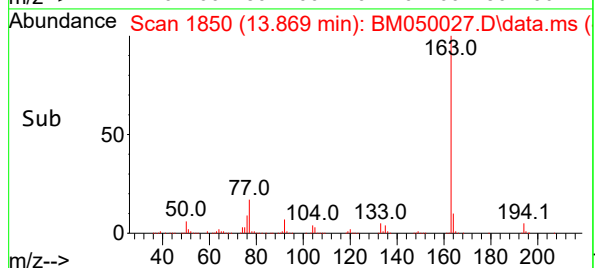
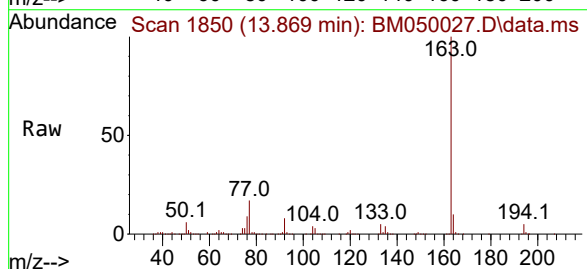
Manual Integrations
APPROVED

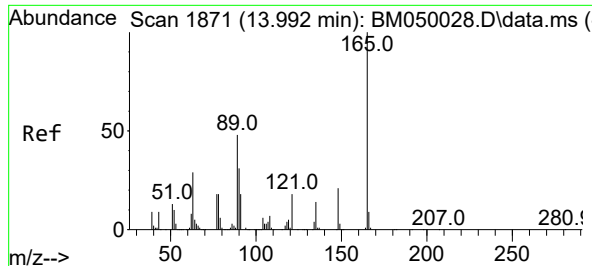
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 19.659 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

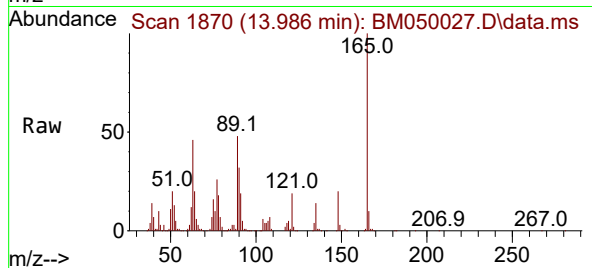
Tgt Ion:163 Resp: 883120
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.729 ng
RT: 13.986 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

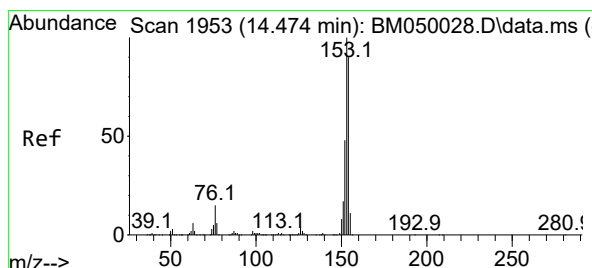
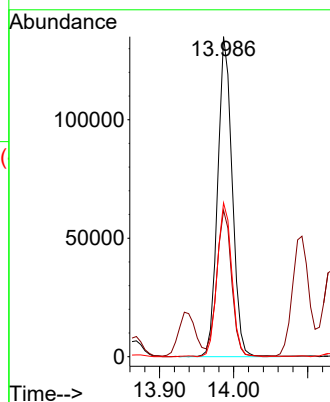
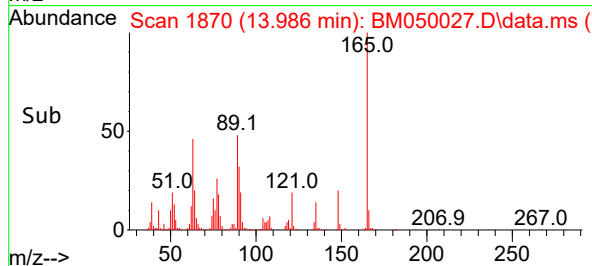
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 18349
Ion Ratio Lower Upper
165 100
63 45.7 35.1 52.7
89 48.1 38.4 57.6

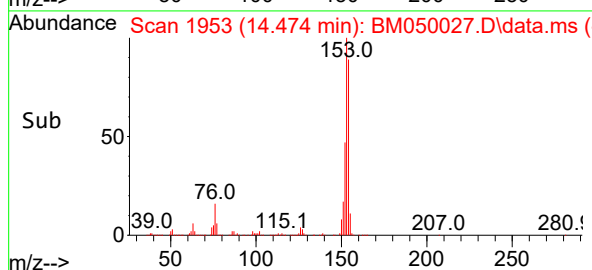
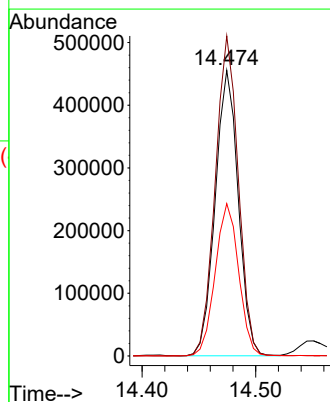
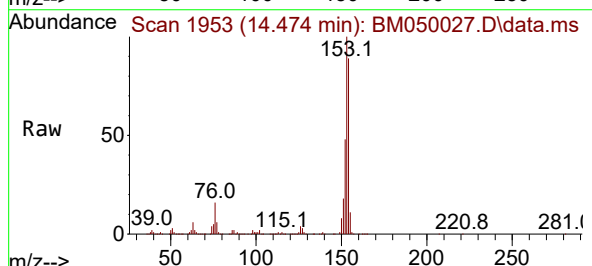
Manual Integrations
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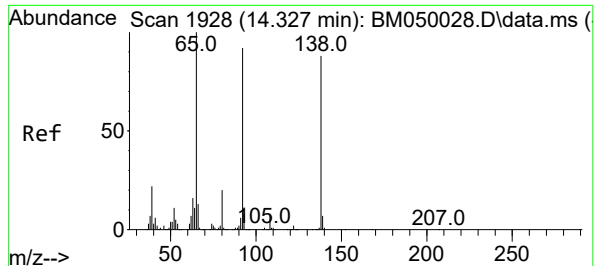
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 19.474 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

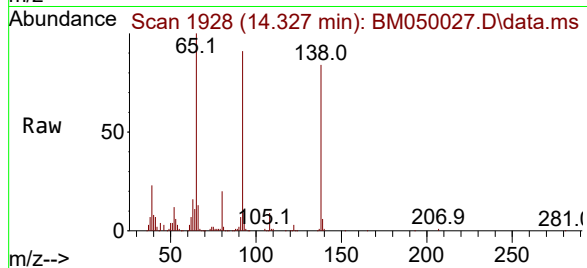
Tgt Ion:154 Resp: 643177
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 53.3 43.0 64.6





#53
3-Nitroaniline
Concen: 19.666 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

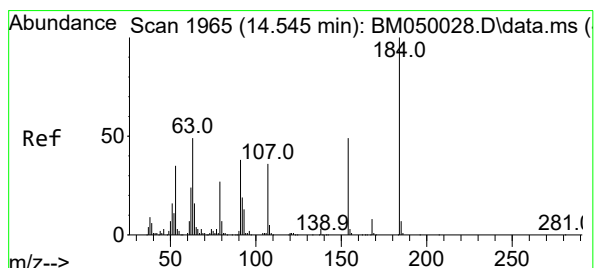
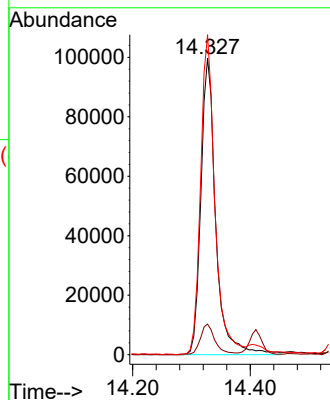
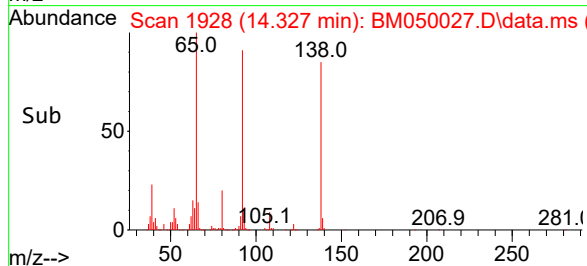
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



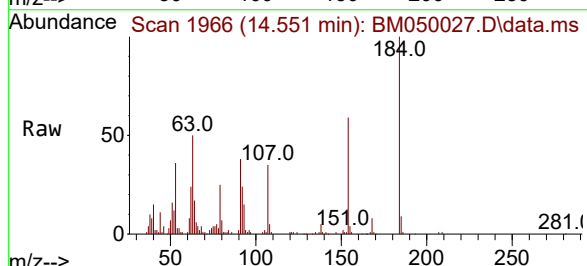
Tgt Ion:138 Resp: 174620
Ion Ratio Lower Upper
138 100
108 10.3 7.4 11.2
92 107.9 84.0 126.0

Manual Integrations
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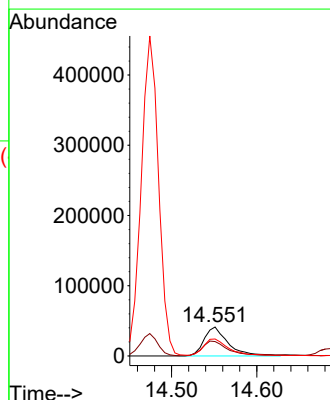
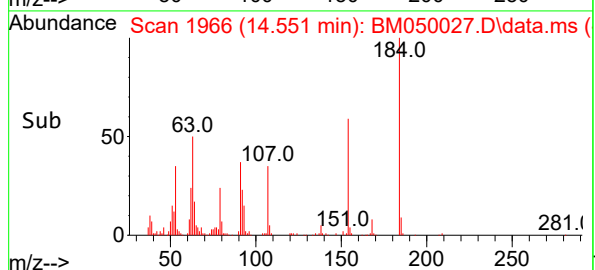
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

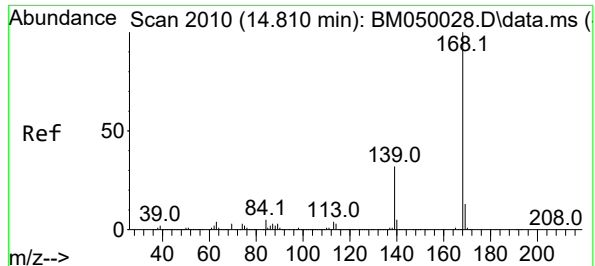


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



Tgt Ion:184 Resp: 80991
Ion Ratio Lower Upper
184 100
63 50.1 39.8 59.6
154 58.5 46.1 69.1





#55

Dibenzenofuran

Concen: 19.562 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 107497

Ion Ratio Lower Upper

168 100

139 33.2 26.1 39.1

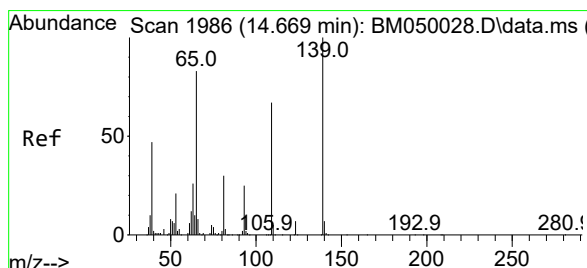
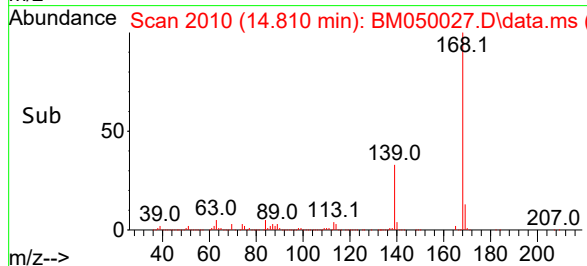
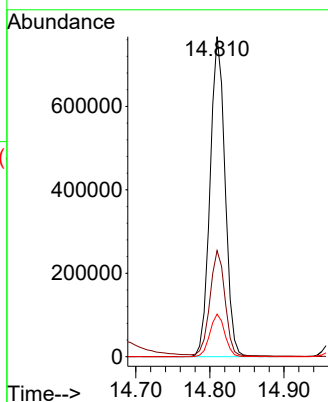
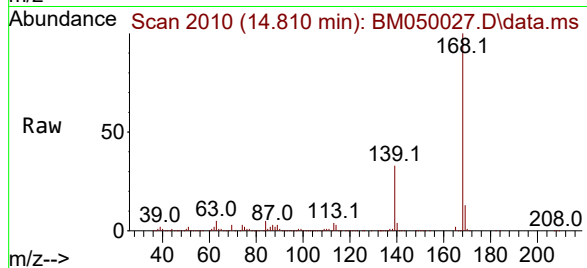
169 13.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#56

4-Nitrophenol

Concen: 19.021 ng

RT: 14.686 min Scan# 1989

Delta R.T. 0.017 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

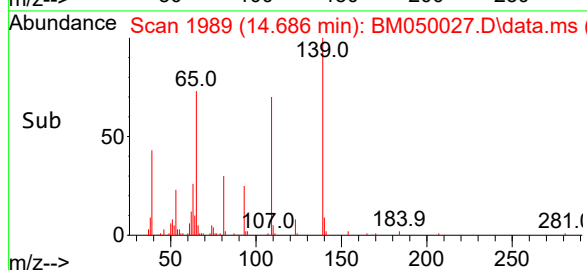
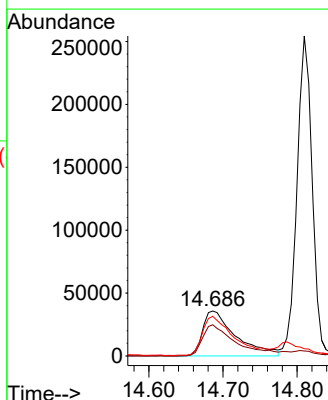
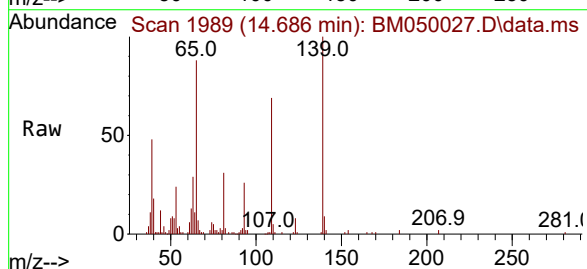
Tgt Ion:139 Resp: 110948

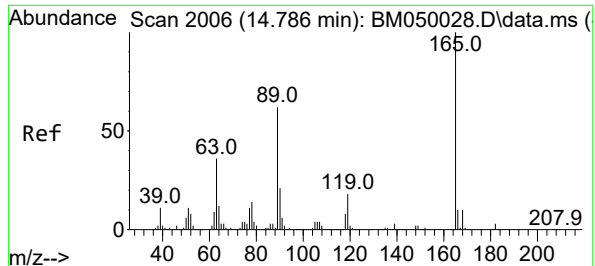
Ion Ratio Lower Upper

139 100

109 69.3 47.0 87.0

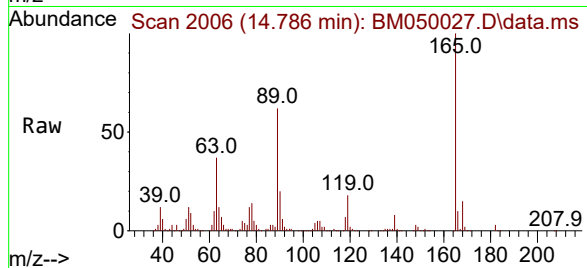
65 88.3 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 19.685 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

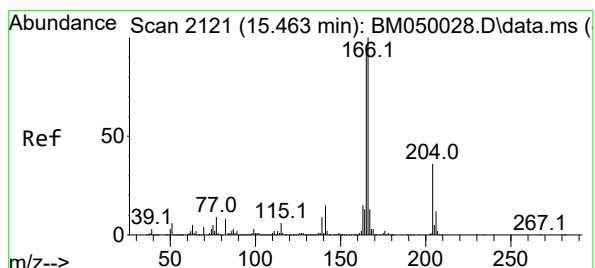
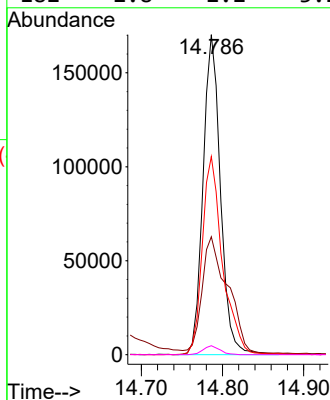
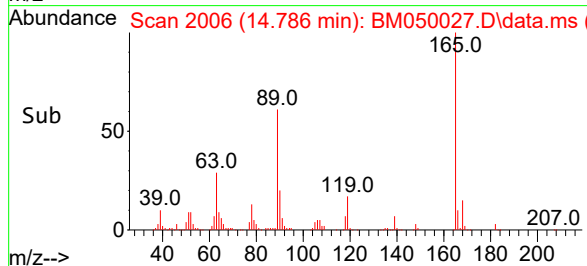
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



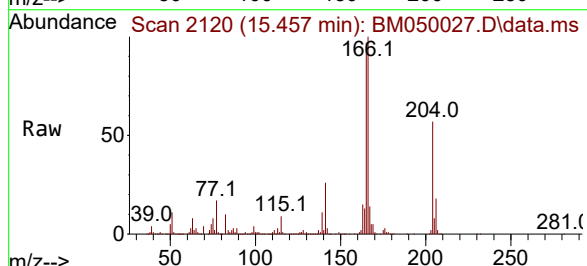
Tgt Ion:165 Resp: 252994
Ion Ratio Lower Upper
165 100
63 36.9 29.0 43.6
89 61.9 49.4 74.2
182 2.8 2.2 3.2

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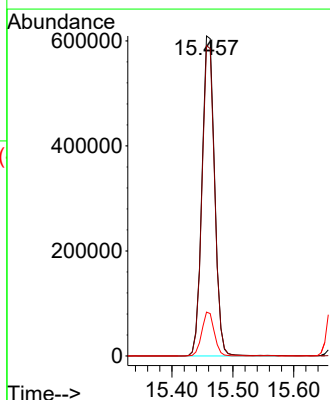
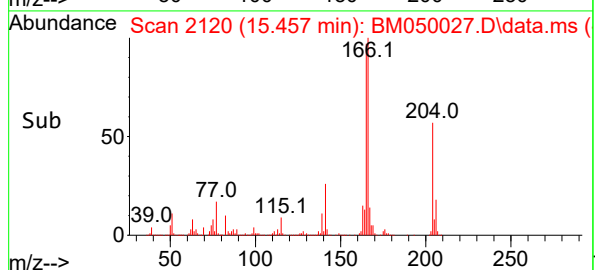
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

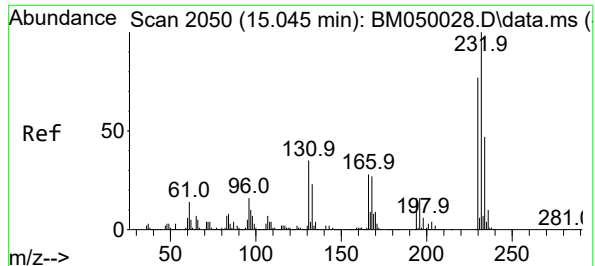


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



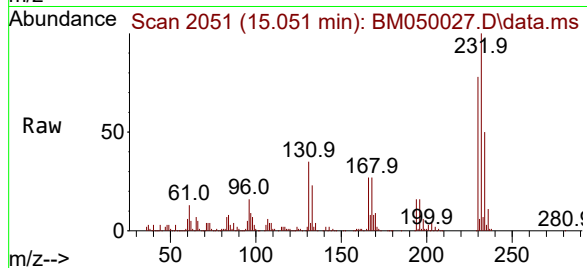
Tgt Ion:166 Resp: 879470
Ion Ratio Lower Upper
166 100
165 97.0 76.6 115.0
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.442 ng
RT: 15.051 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

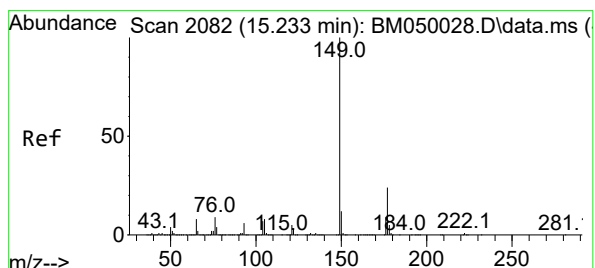
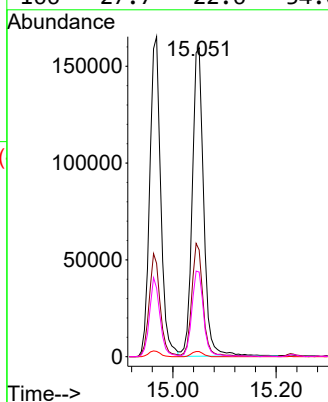
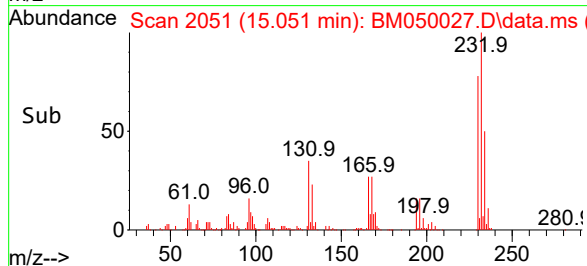
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 244928
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 1.7 1.5 2.3
166 27.7 22.6 34.0

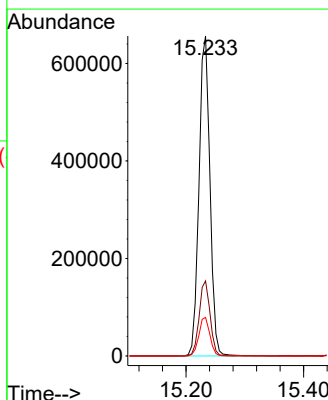
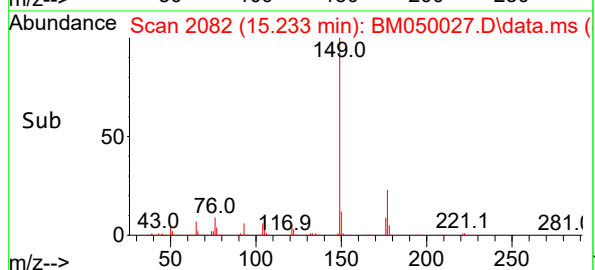
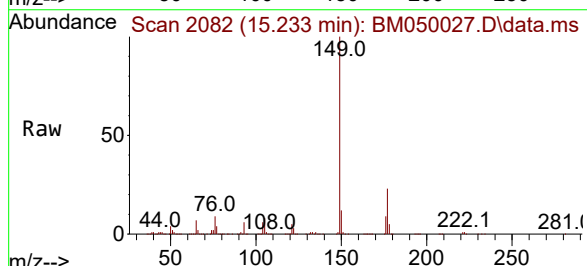
Manual Integrations
APPROVED

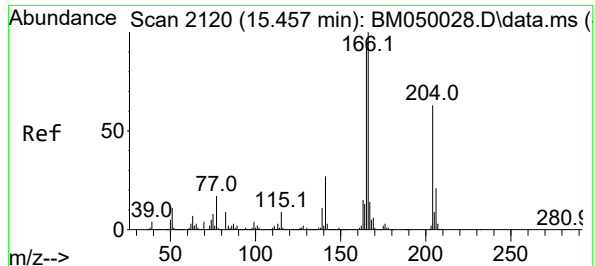
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

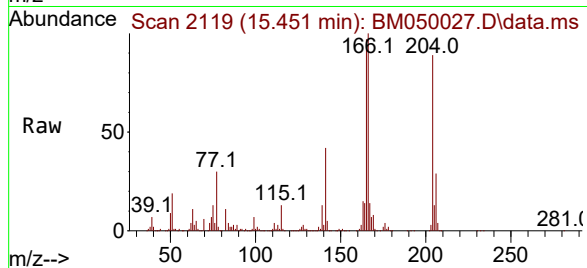
Tgt Ion:149 Resp: 848021
Ion Ratio Lower Upper
149 100
177 23.5 19.1 28.7
150 12.1 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 19.157 ng
RT: 15.451 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

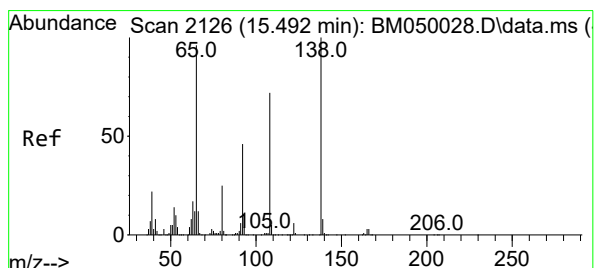
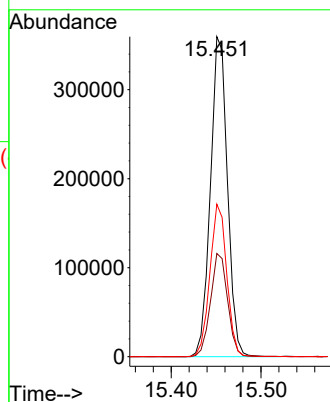
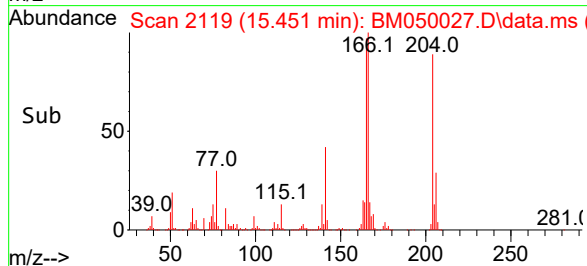
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 473270
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 47.7 34.0 51.0

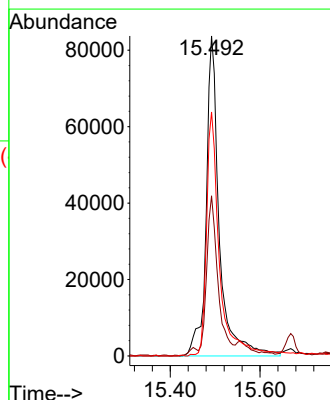
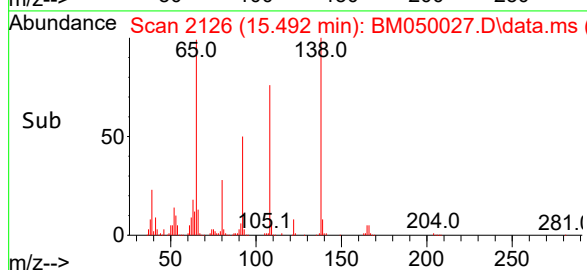
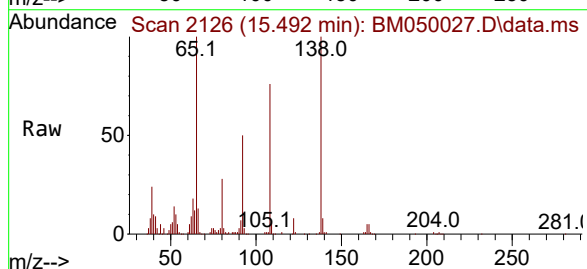
Manual Integrations
APPROVED

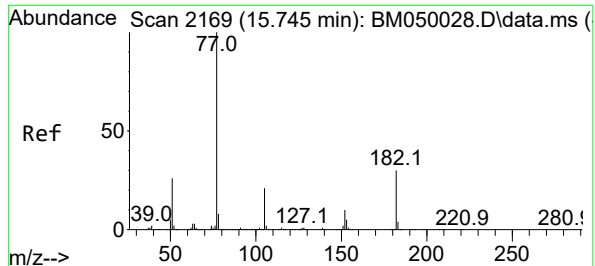
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 19.880 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

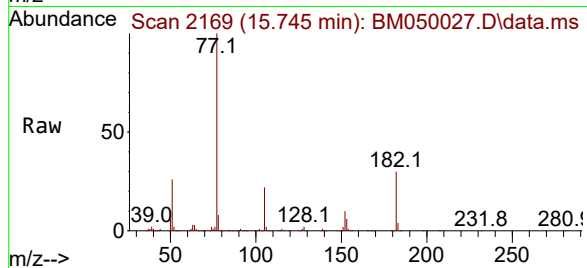
Tgt Ion:138 Resp: 170438
Ion Ratio Lower Upper
138 100
92 50.0 25.9 65.9
108 76.3 52.4 92.4





#63
Azobenzene
Concen: 19.930 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

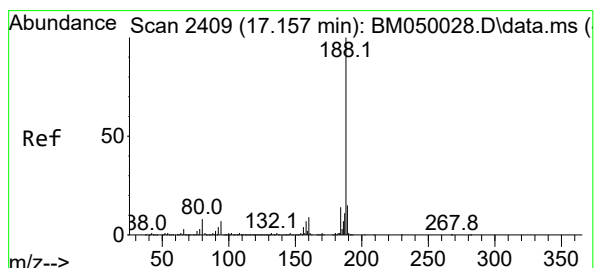
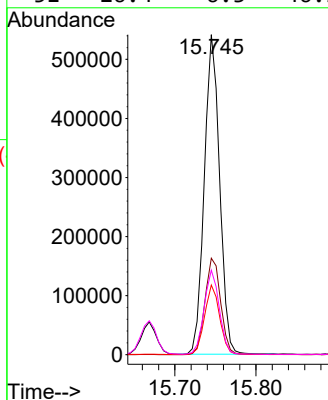
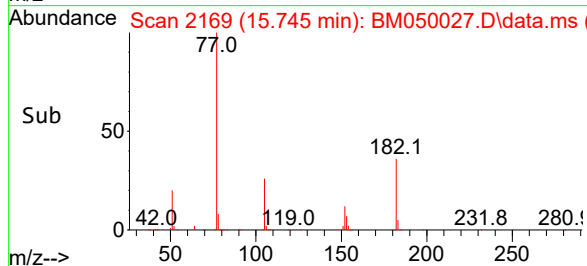
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 707020
Ion Ratio Lower Upper
77 100
182 30.2 10.5 50.5
105 21.8 1.1 41.1
51 26.4 6.3 46.3

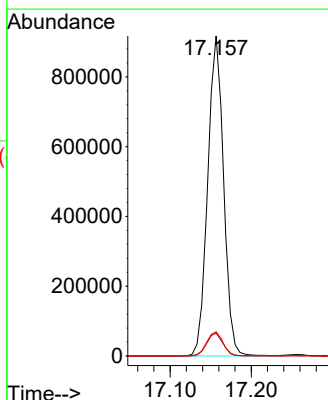
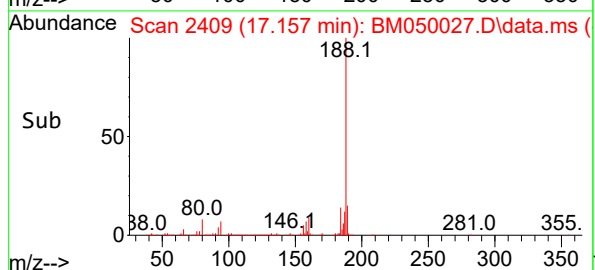
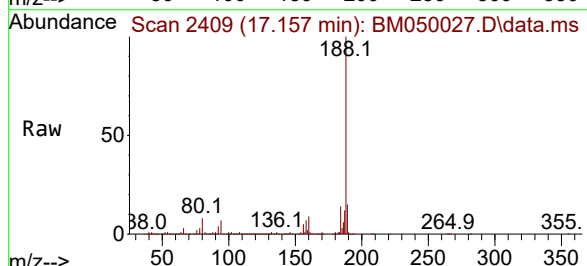
Manual Integrations
APPROVED

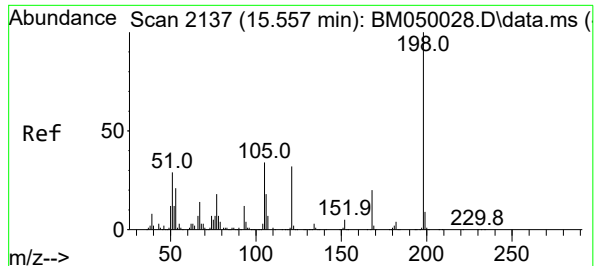
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:188 Resp: 1244440
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.6 6.2 9.4





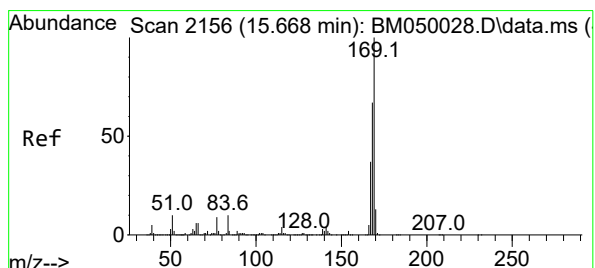
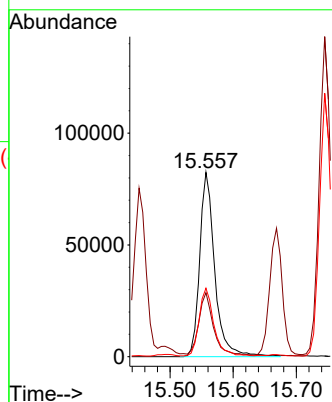
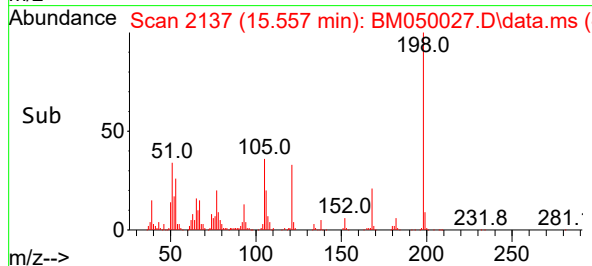
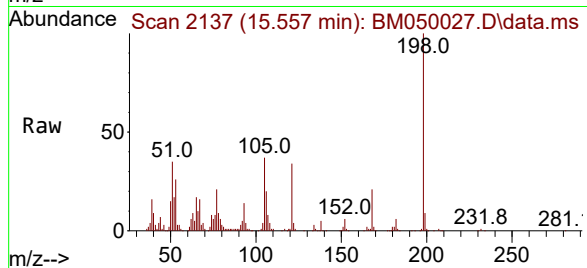
#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 136910
Ion Ratio Lower Upper
198 100
51 34.7 10.4 50.4
105 37.2 14.6 54.6

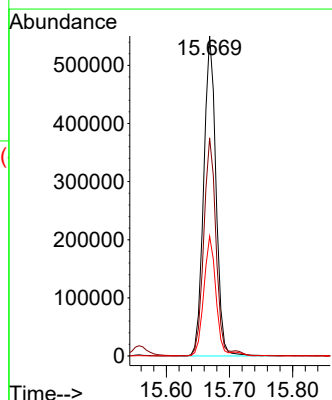
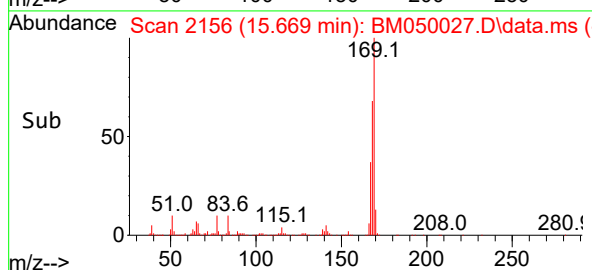
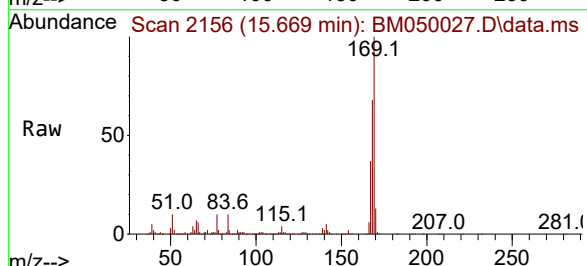
Manual Integrations
APPROVED

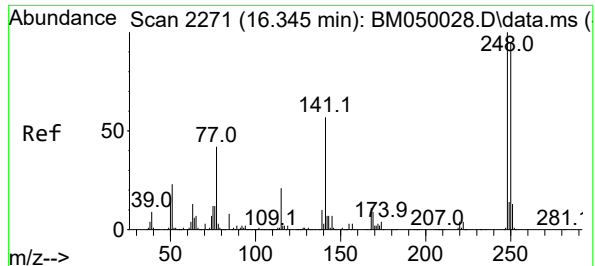
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 19.415 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

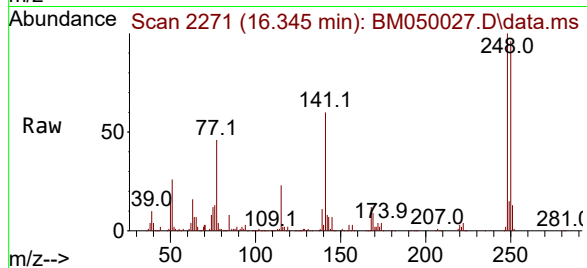
Tgt Ion:169 Resp: 741920
Ion Ratio Lower Upper
169 100
168 68.2 53.4 80.2
167 37.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

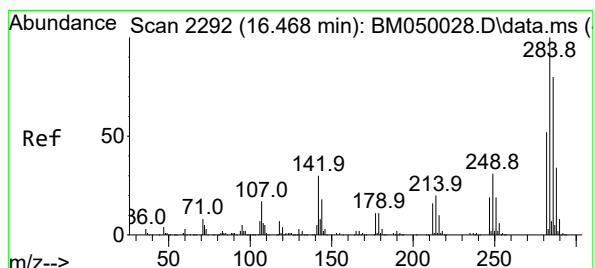
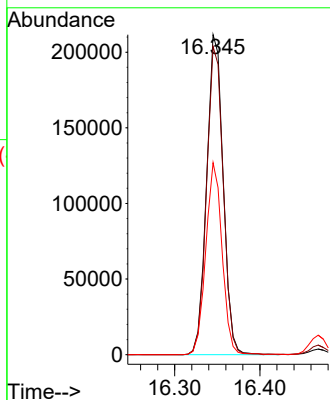
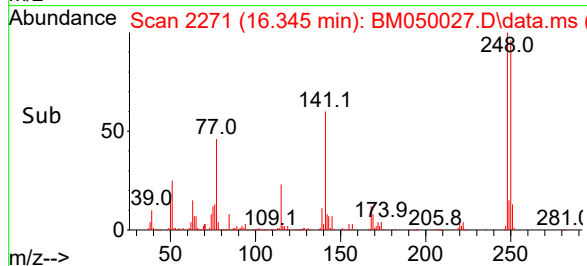
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 285352
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 60.0 45.9 68.9

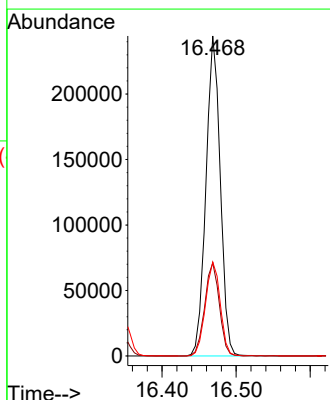
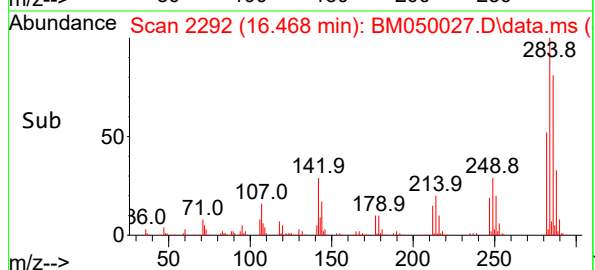
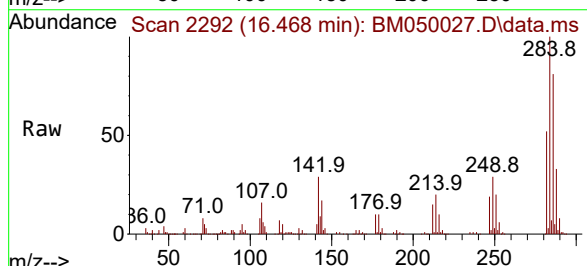
Manual Integrations
APPROVED

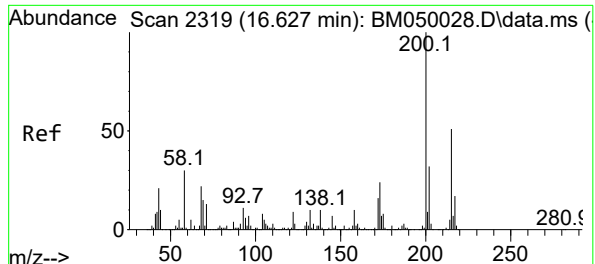
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:284 Resp: 327912
Ion Ratio Lower Upper
284 100
142 29.1 23.9 35.9
249 29.3 24.5 36.7





#69

Atrazine

Concen: 19.303 ng

RT: 16.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 26606

Ion Ratio Lower Upper

200 100

173 24.3 4.3 44.3

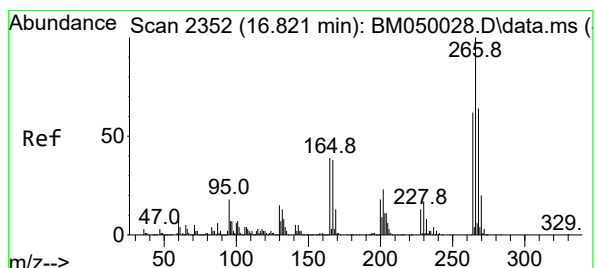
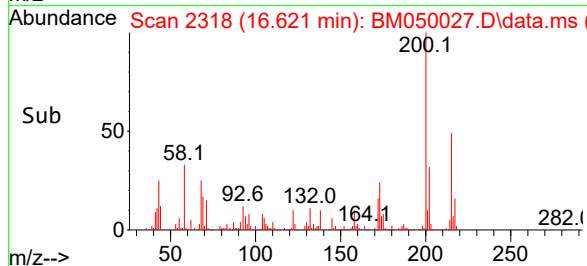
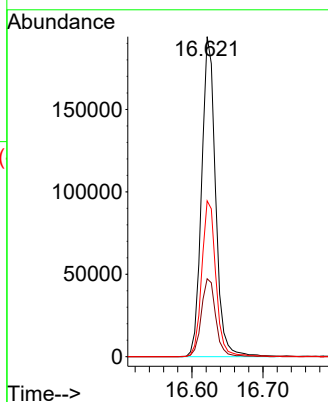
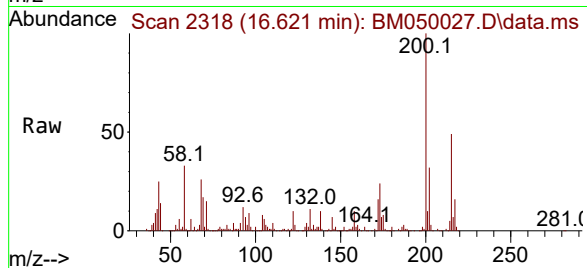
215 48.7 30.6 70.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#70

Pentachlorophenol

Concen: 18.004 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

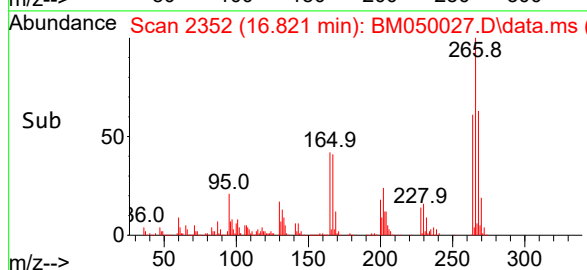
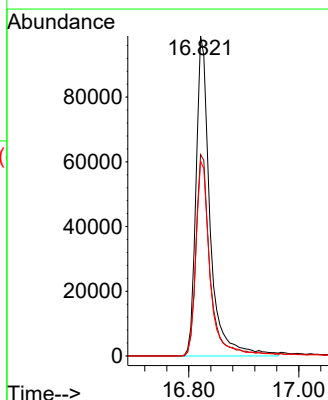
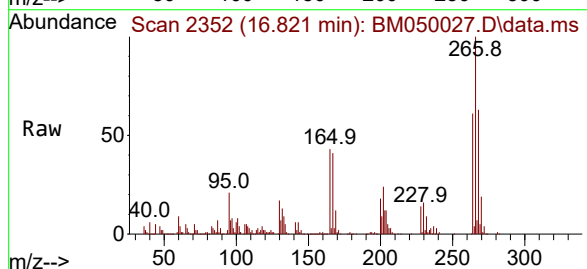
Tgt Ion:266 Resp: 175794

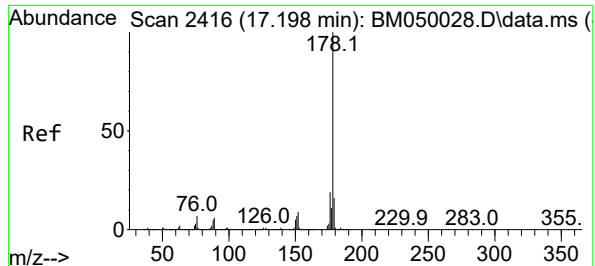
Ion Ratio Lower Upper

266 100

268 63.0 51.2 76.8

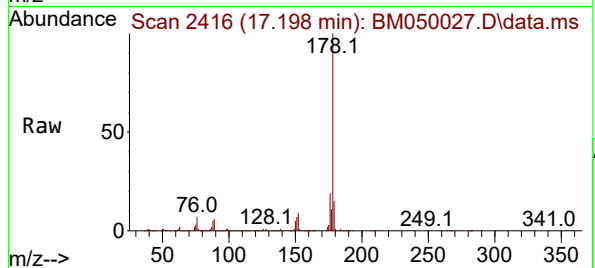
264 60.9 49.6 74.4





#71
Phenanthrene
Concen: 19.208 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

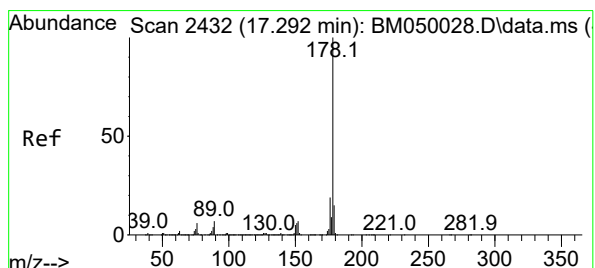
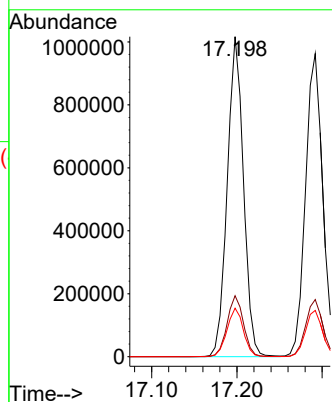
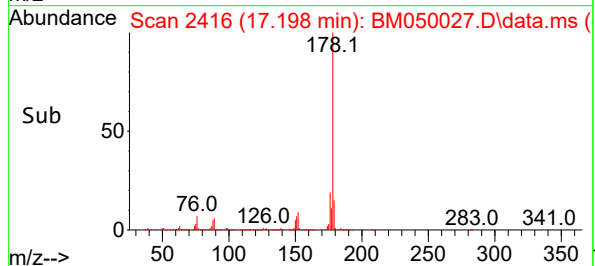
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 1348190
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.4 18.6

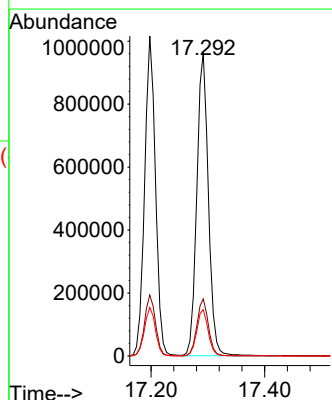
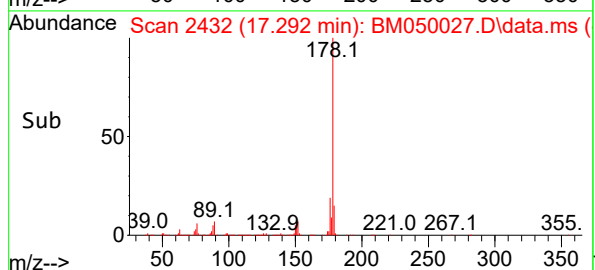
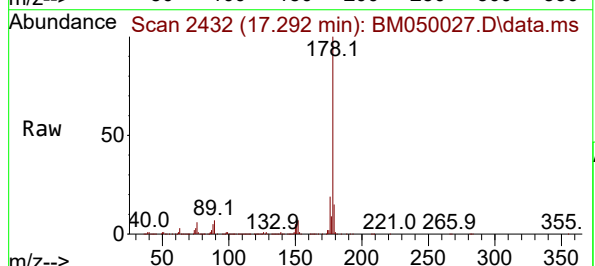
Manual Integrations
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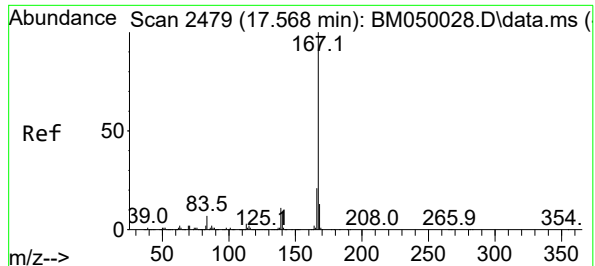
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 19.210 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

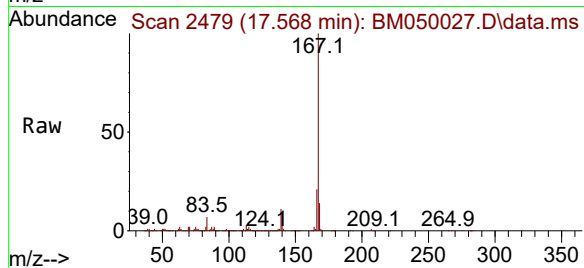
Tgt Ion:178 Resp: 1364462
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 19.377 ng
RT: 17.568 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

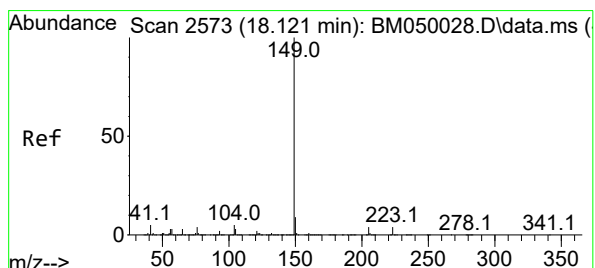
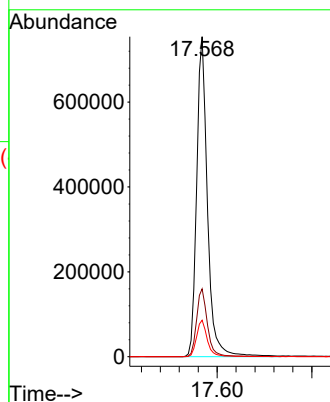
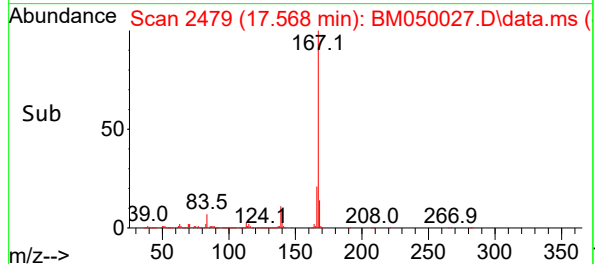
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1194310
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.4 9.0 13.6

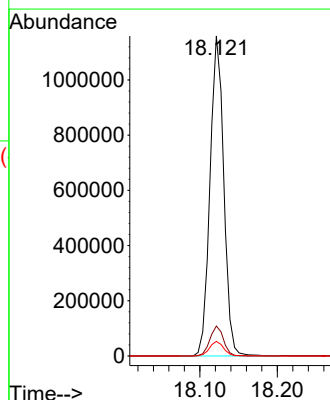
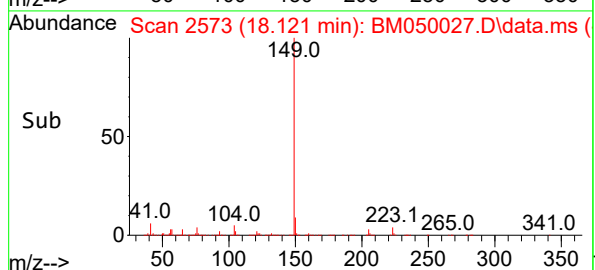
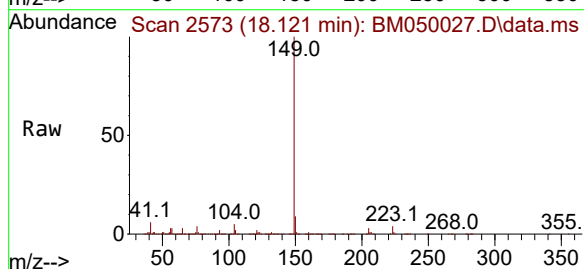
Manual Integrations
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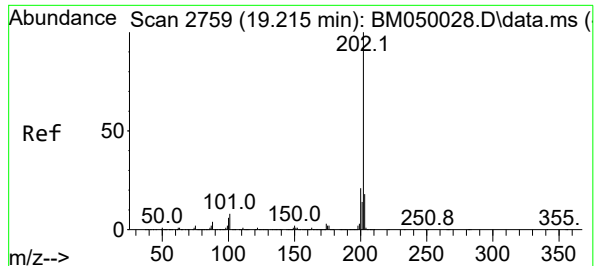
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 19.519 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

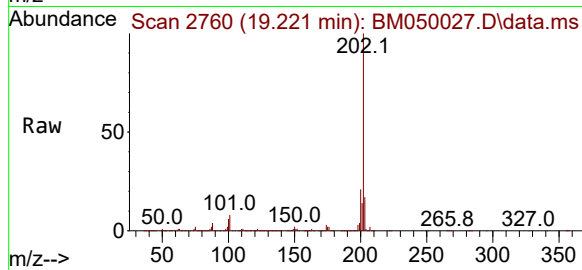
Tgt Ion:149 Resp: 1432688
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 4.6 3.8 5.6





#75
Fluoranthene
Concen: 18.872 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

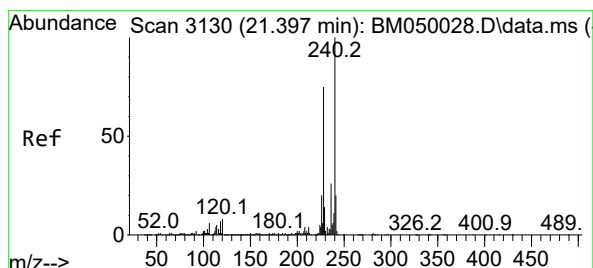
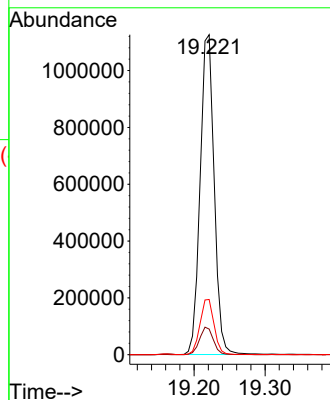
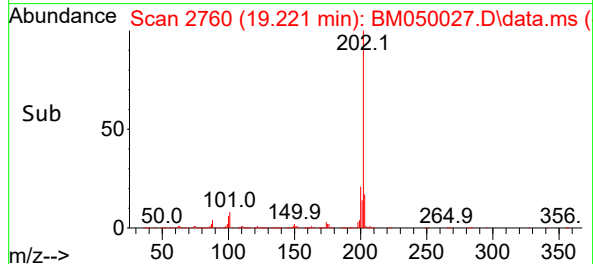
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1555160
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.2 0.0 37.7

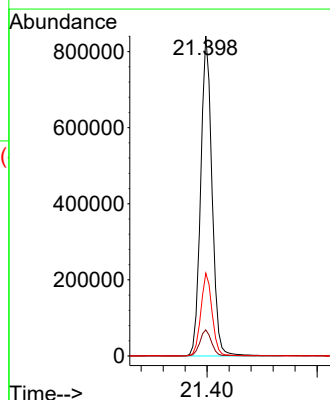
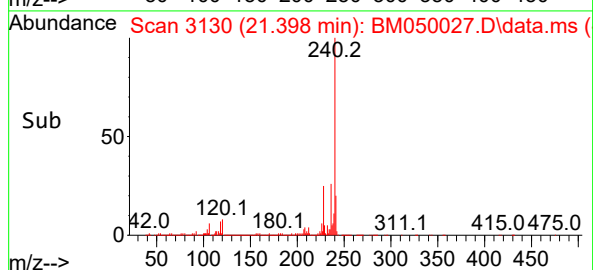
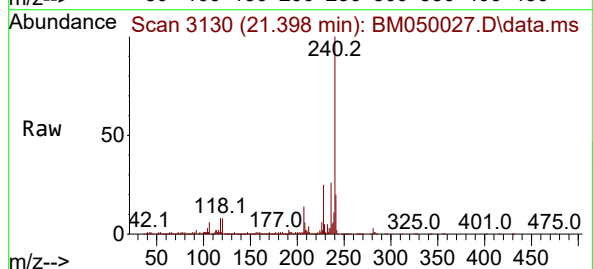
Manual Integrations
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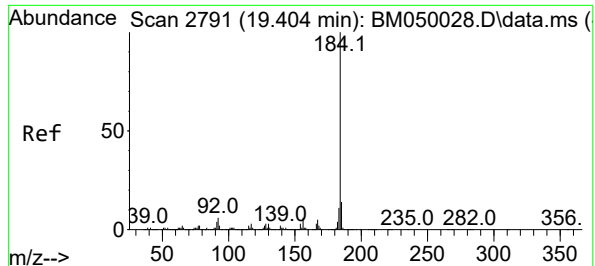
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

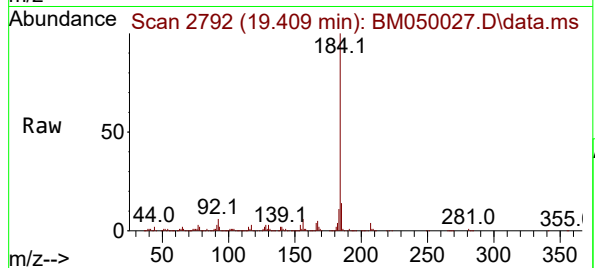
Tgt Ion:240 Resp: 1204355
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.9 31.3





#77
Benzidine
Concen: 18.175 ng
RT: 19.409 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

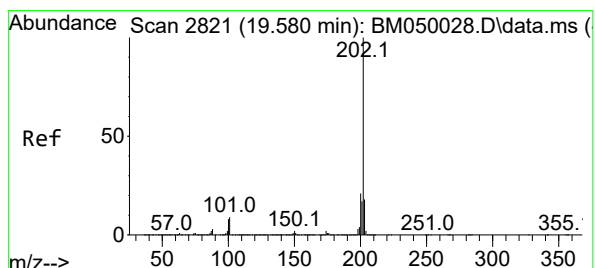
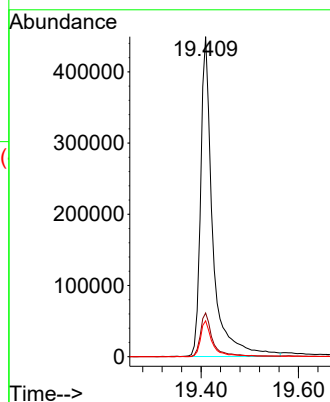
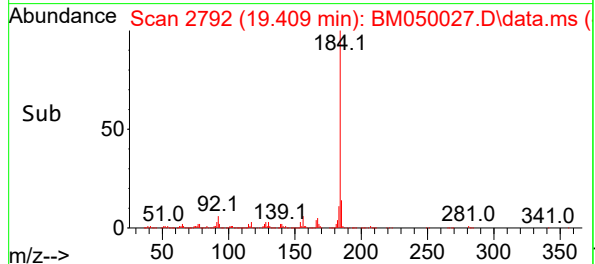
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 777502
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.2 8.9 13.3

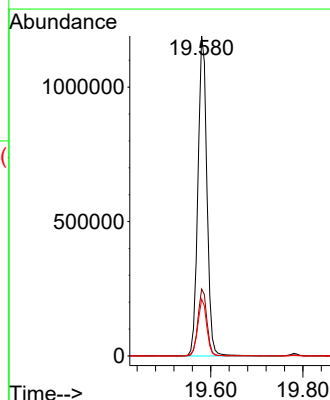
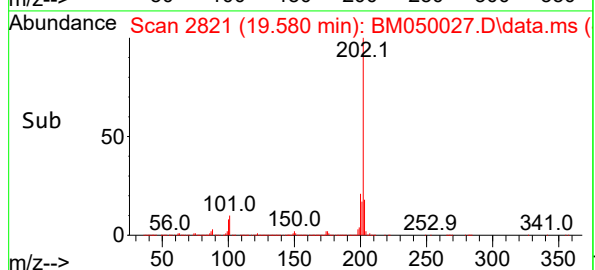
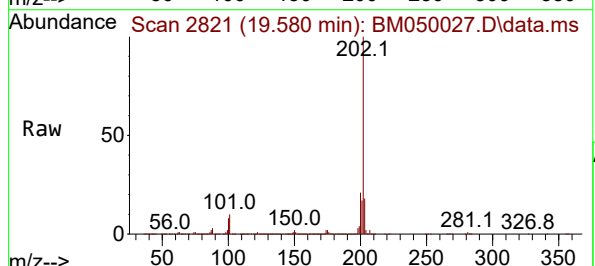
Manual Integrations
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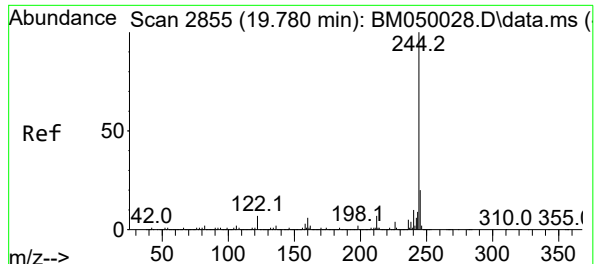
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 18.964 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

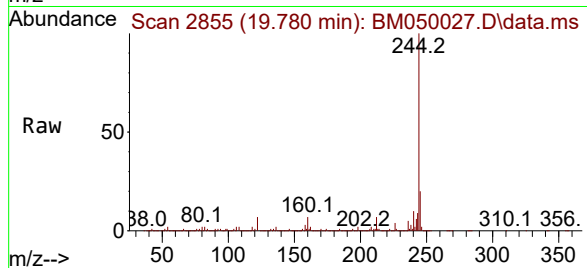
Tgt Ion:202 Resp: 1603874
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

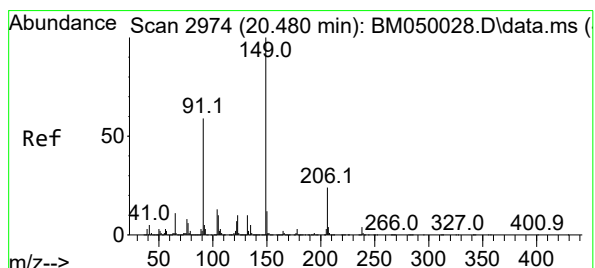
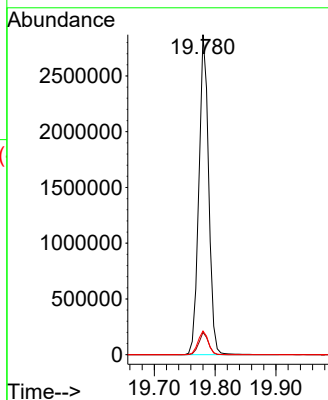
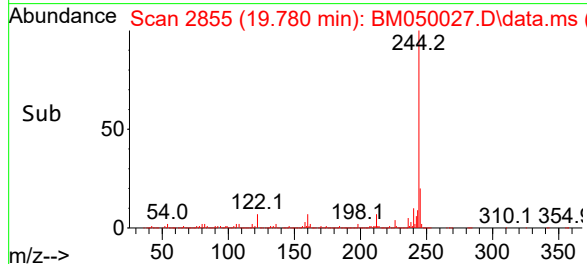
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



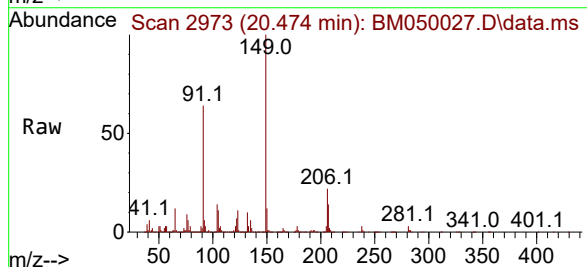
Tgt Ion:244 Resp: 320824
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.4 5.6 8.4

Manual Integrations
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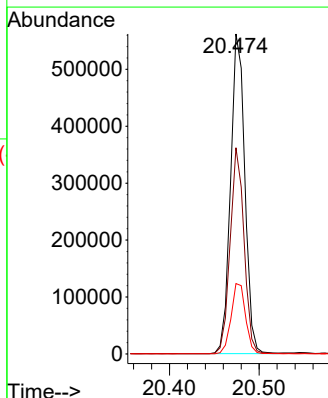
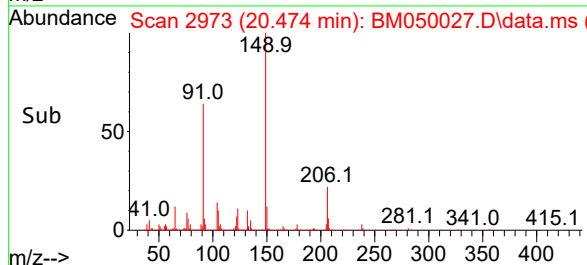
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

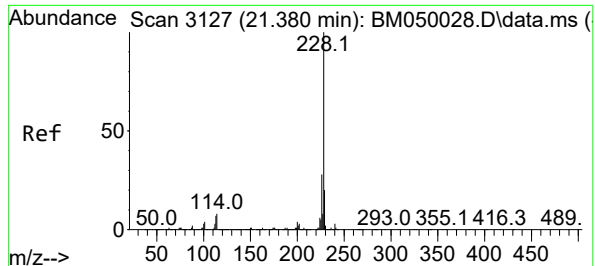


#80
Butylbenzylphthalate
Concen: 19.597 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



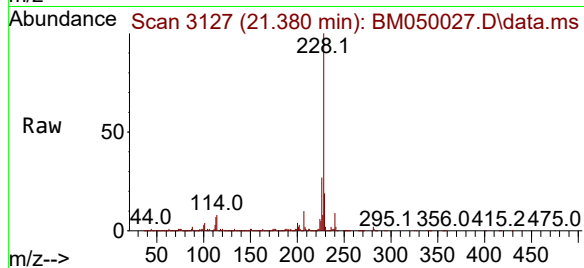
Tgt Ion:149 Resp: 620751
Ion Ratio Lower Upper
149 100
91 64.4 47.4 71.2
206 22.0 19.4 29.0





#81
Benzo(a)anthracene
Concen: 19.187 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

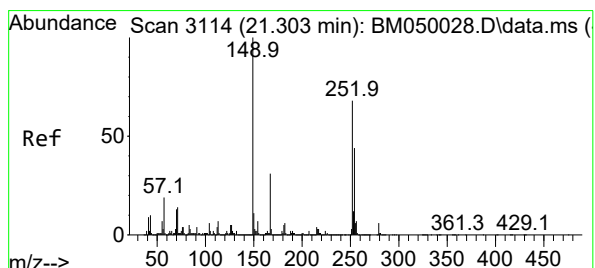
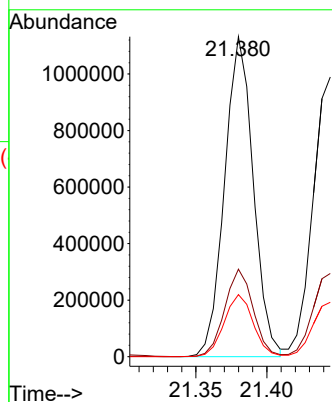
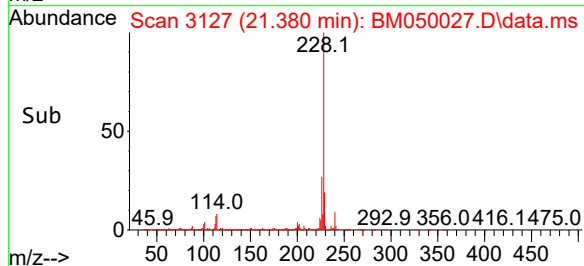
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 1591290
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.4 15.7 23.5

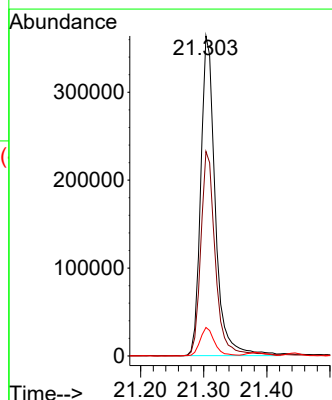
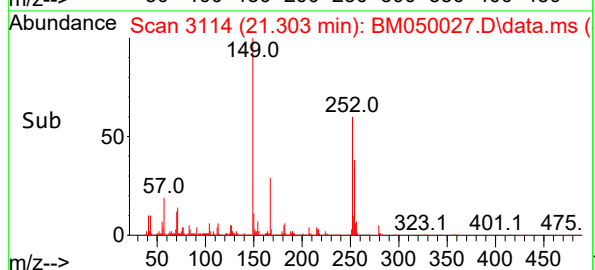
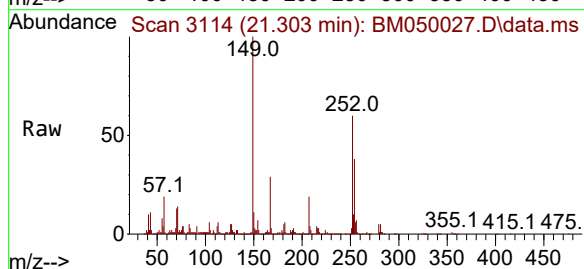
Manual Integrations
APPROVED

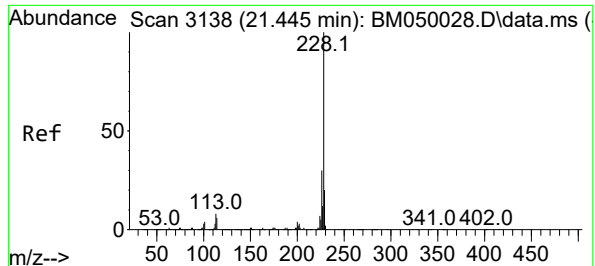
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

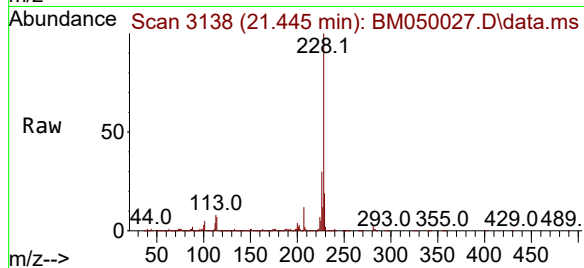
Tgt Ion:252 Resp: 582038
Ion Ratio Lower Upper
252 100
254 63.9 51.8 77.6
126 8.9 6.0 9.0





#83
Chrysene
Concen: 19.044 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

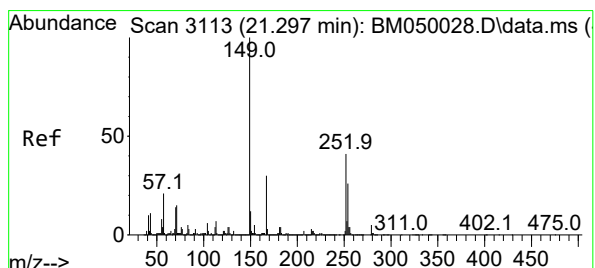
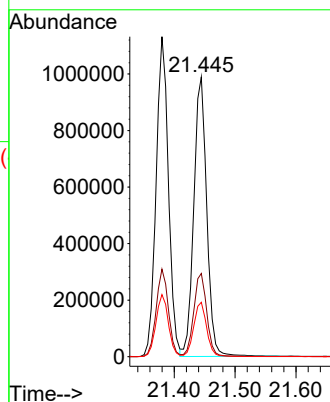
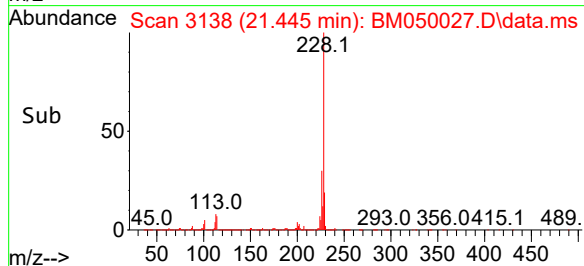
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 146177
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.5 15.7 23.5

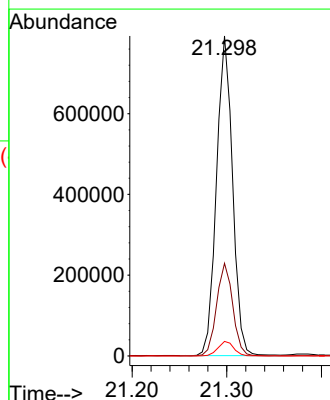
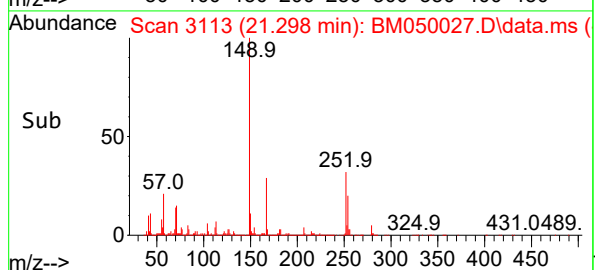
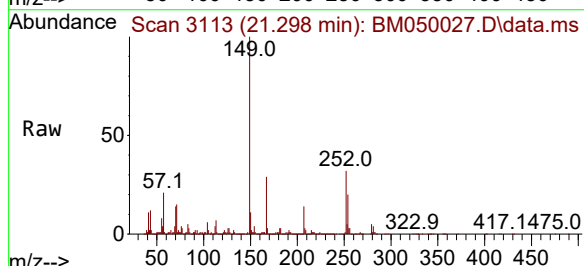
Manual Integrations
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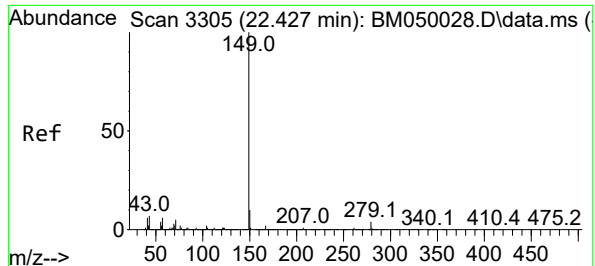
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.730 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

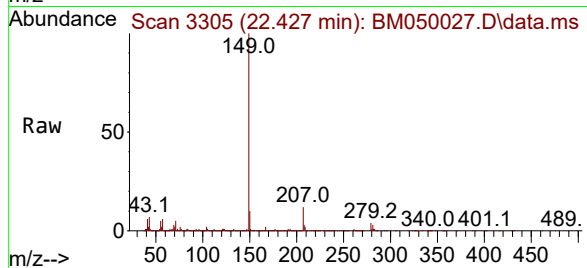
Tgt Ion:149 Resp: 933505
Ion Ratio Lower Upper
149 100
167 29.0 24.1 36.1
279 4.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 19.552 ng
RT: 22.427 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

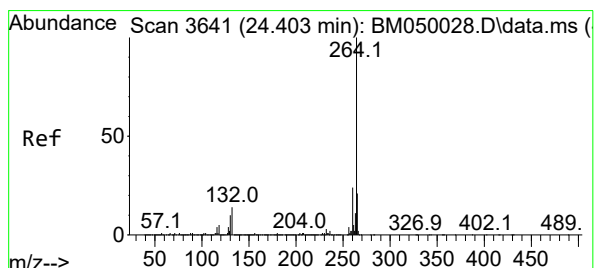
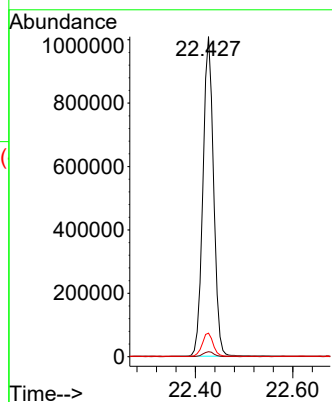
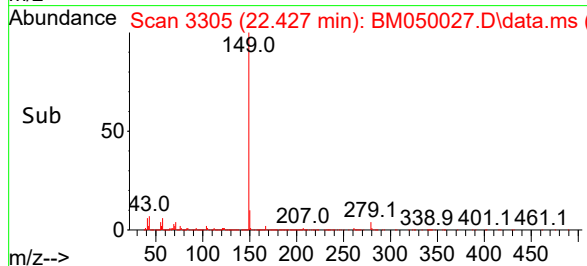
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



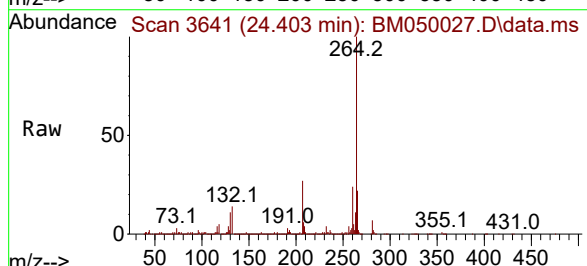
Tgt Ion:149 Resp: 152559
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 5.8 8.8

Manual Integrations
APPROVED

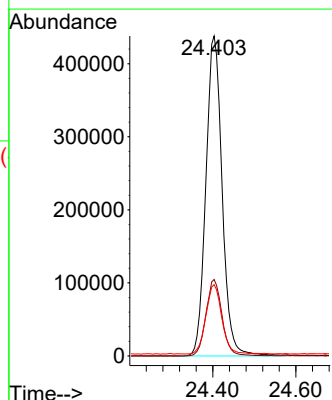
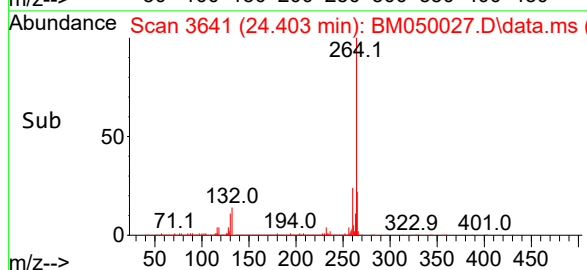
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

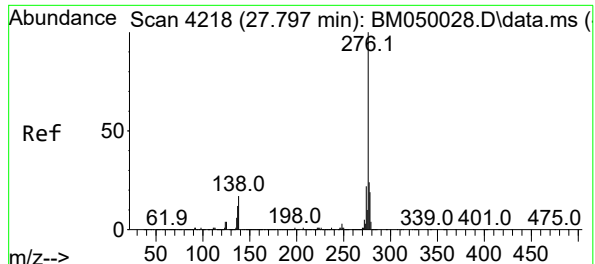


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27



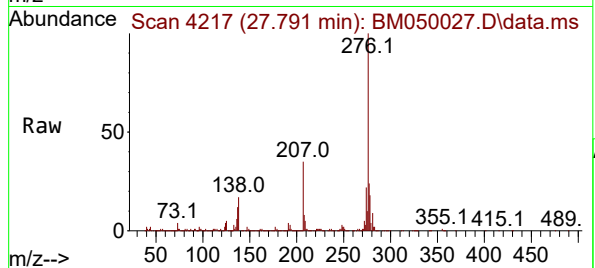
Tgt Ion:264 Resp: 1191041
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 22.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 18.840 ng
RT: 27.791 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

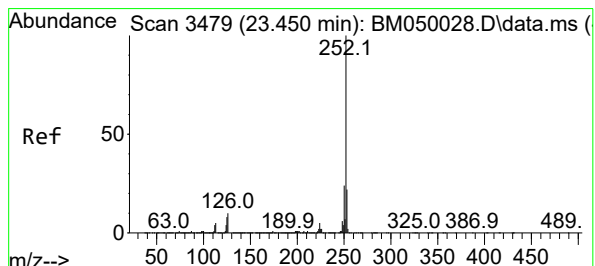
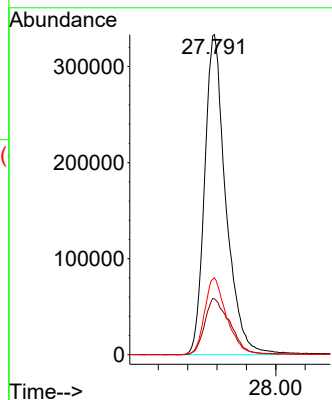
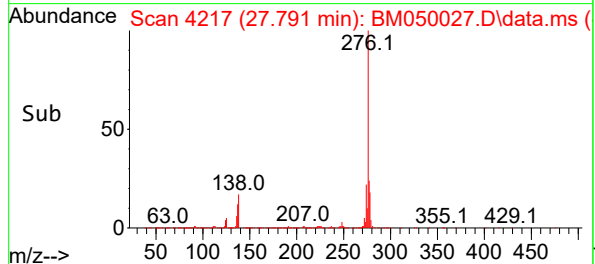
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 167196
Ion Ratio Lower Upper
276 100
138 20.9 16.4 24.6
277 25.0 19.8 29.8

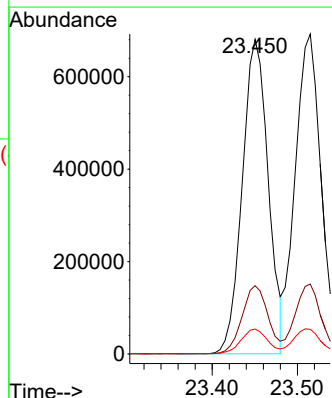
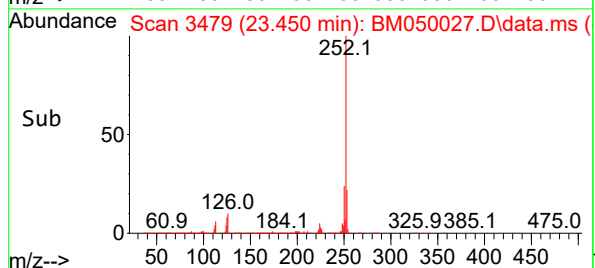
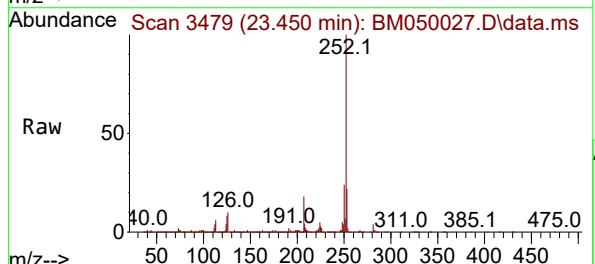
Manual Integrations
APPROVED

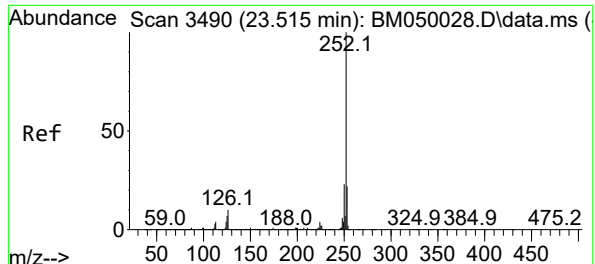
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1439776
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 7.9 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 19.005 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1489410

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

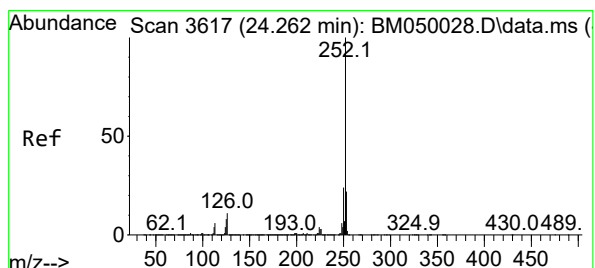
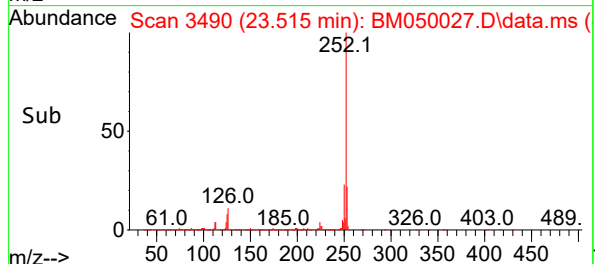
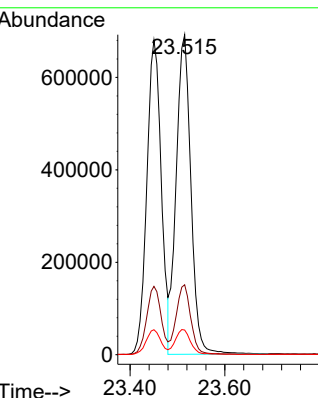
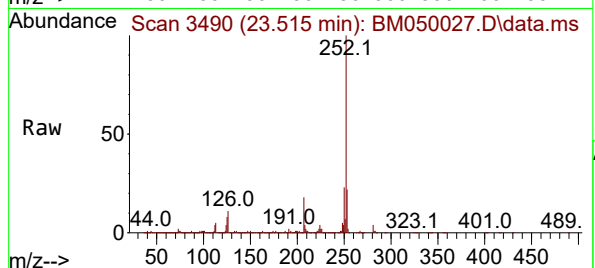
125 7.7 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 18.825 ng

RT: 24.262 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BM050027.D

Acq: 28 Apr 2025 14:27

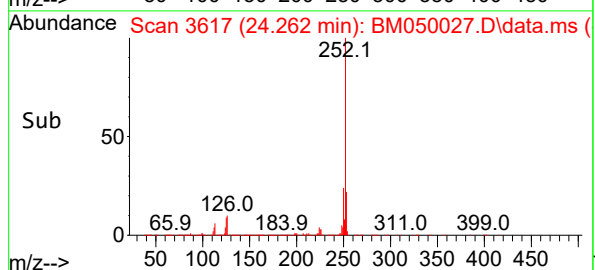
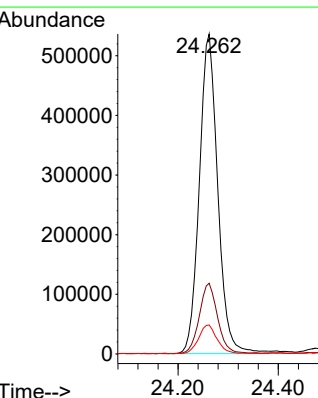
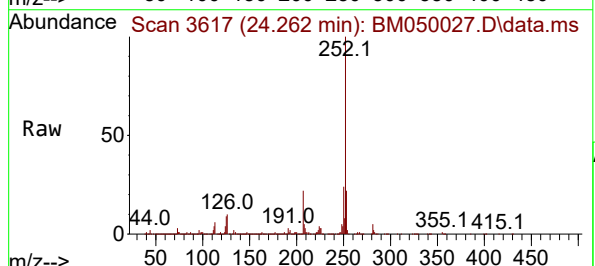
Tgt Ion:252 Resp: 1365706

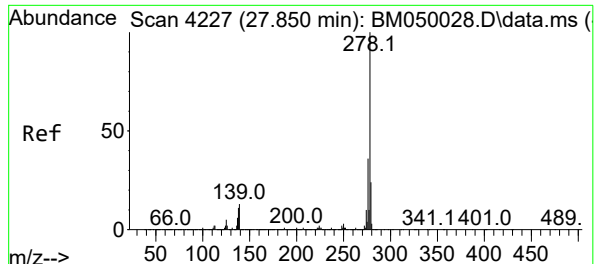
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

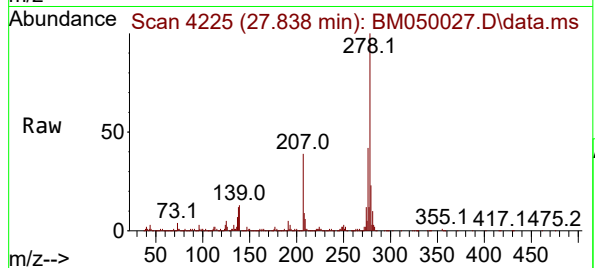
125 9.0 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 18.803 ng
RT: 27.838 min Scan# 41
Delta R.T. -0.012 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

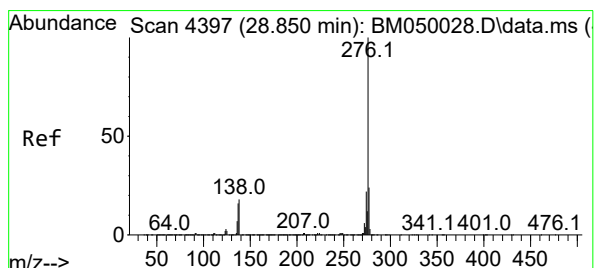
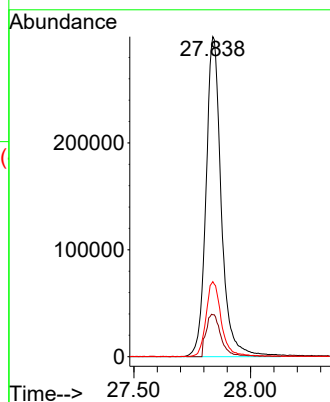
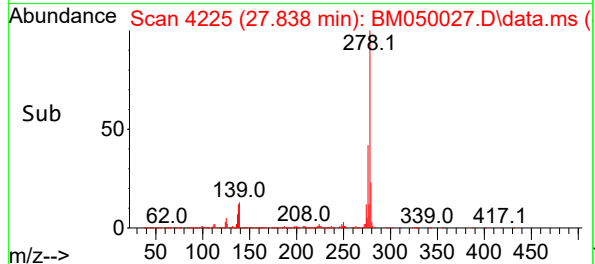
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 1360269
Ion Ratio Lower Upper
278 100
139 13.1 10.5 15.7
279 23.4 19.4 29.0

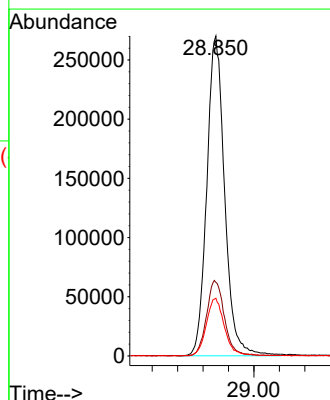
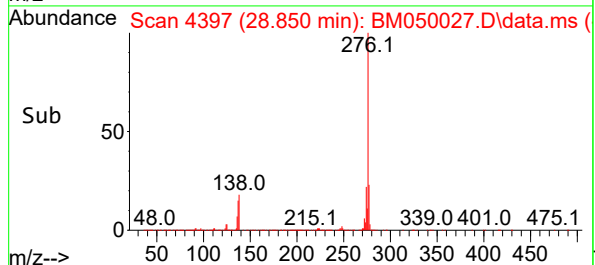
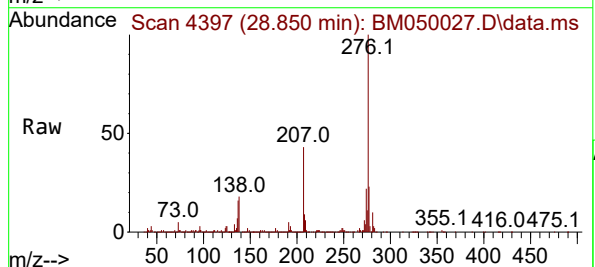
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 19.008 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 1316513
Ion Ratio Lower Upper
276 100
277 23.0 19.1 28.7
138 18.1 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050028.D
 Acq On : 28 Apr 2025 15:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

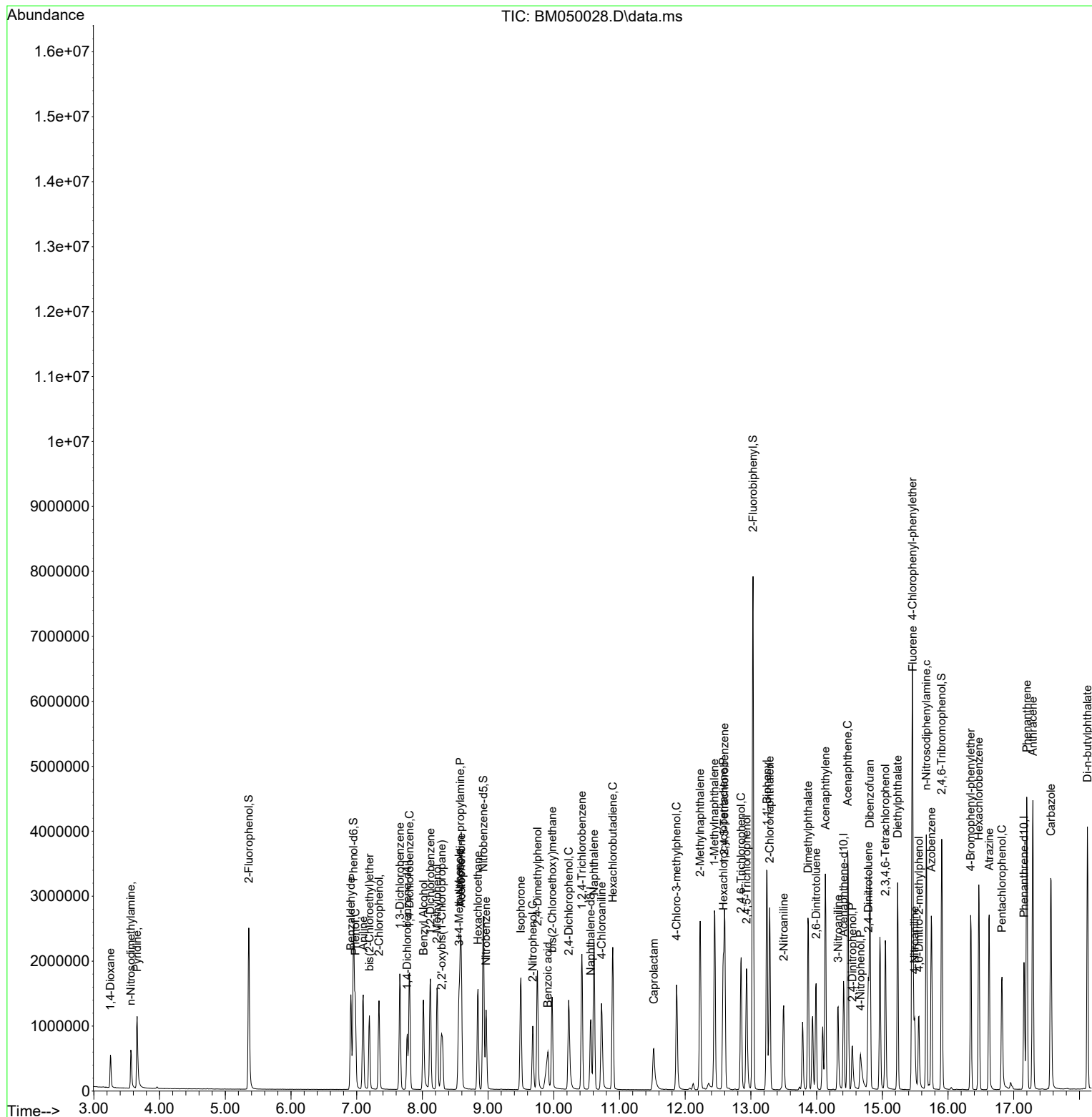
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

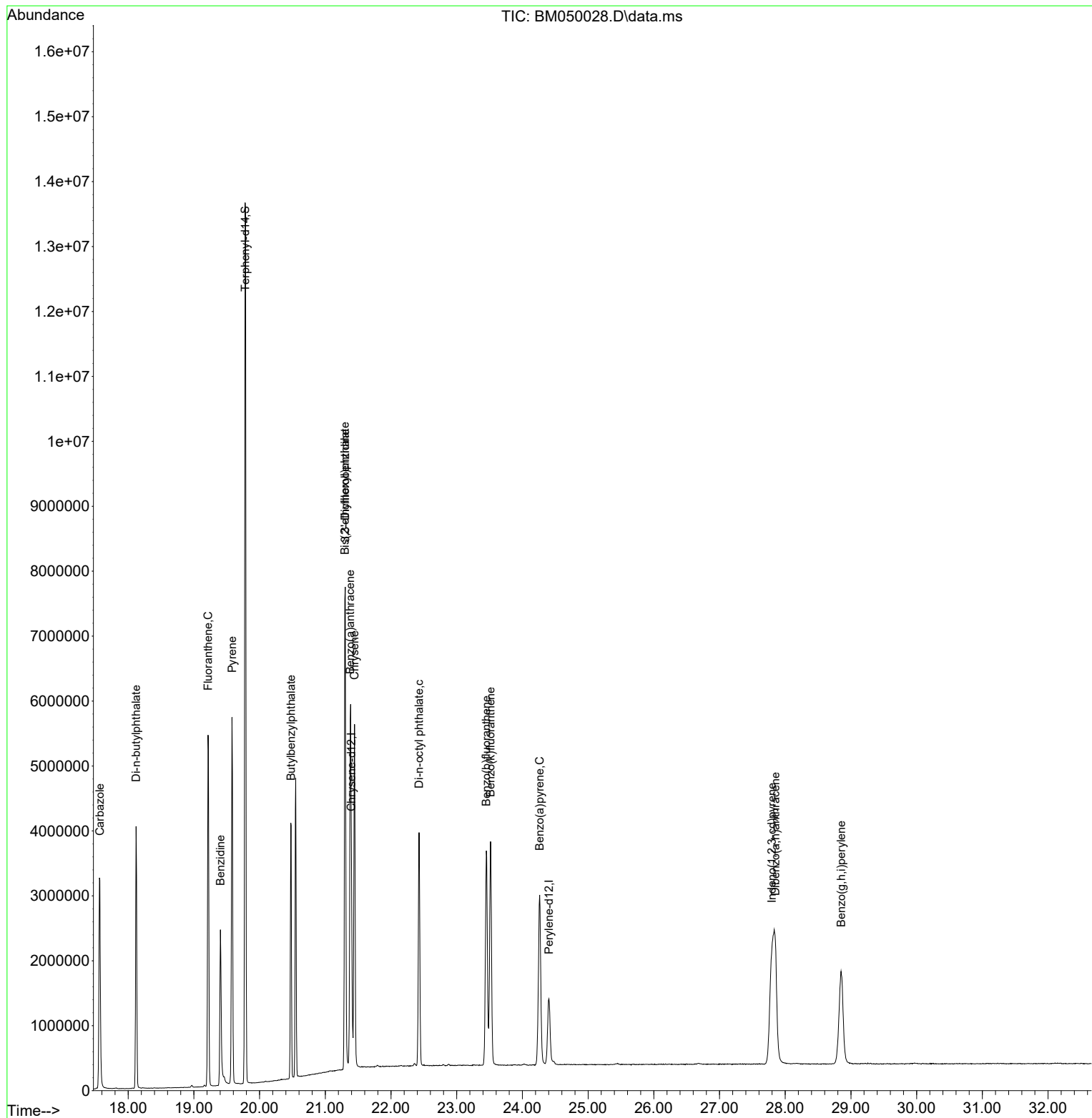
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

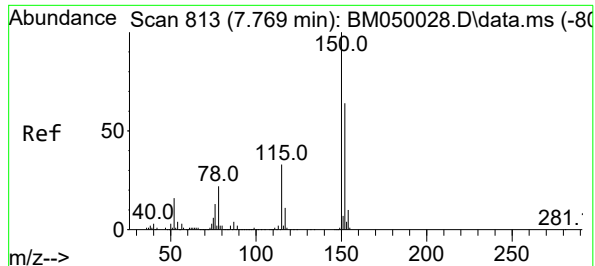


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Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 28 17:56:15 2025
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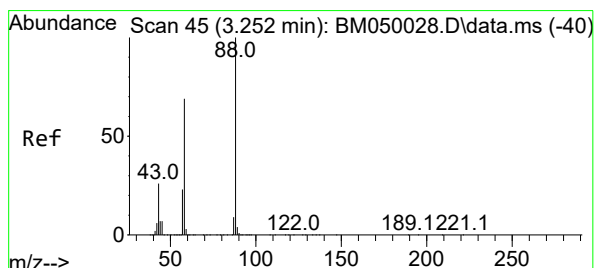
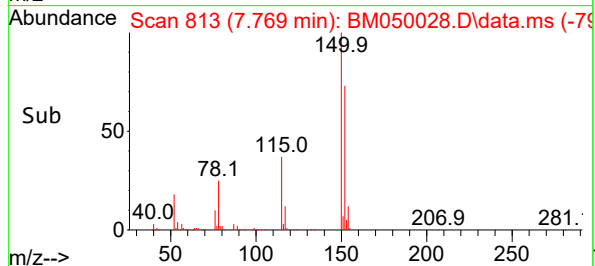
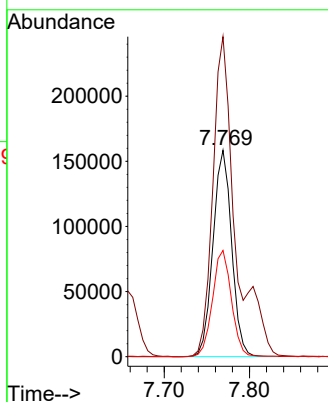
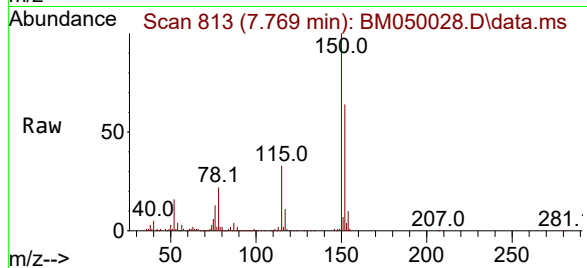




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

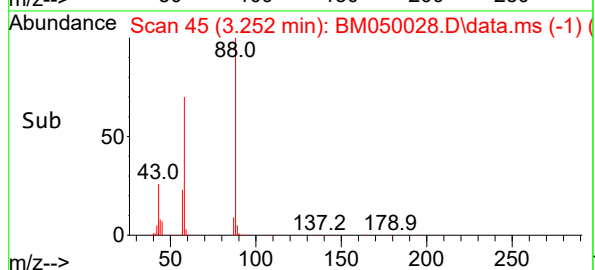
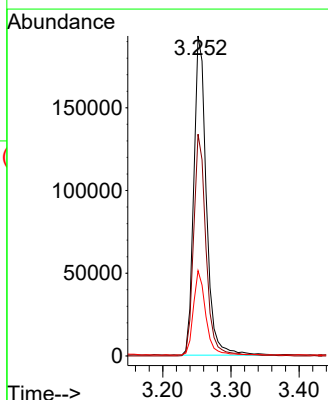
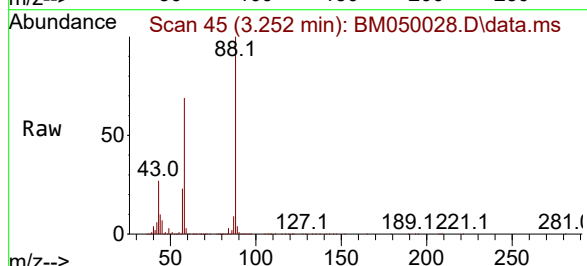
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

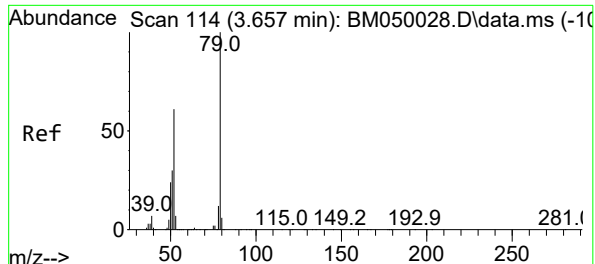
Tgt Ion:152 Resp: 241109
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 51.5 41.2 61.8



#2
1,4-Dioxane
Concen: 41.774 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 88 Resp: 246624
Ion Ratio Lower Upper
88 100
58 68.9 55.1 82.7
43 26.1 20.9 31.3

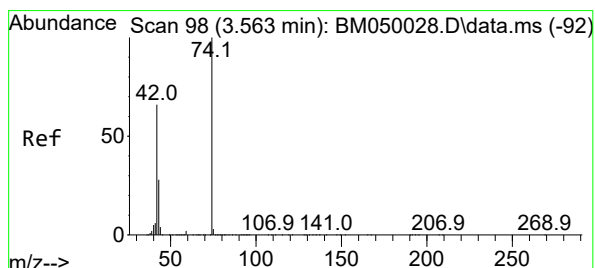
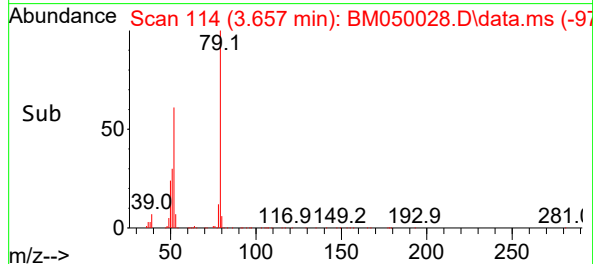
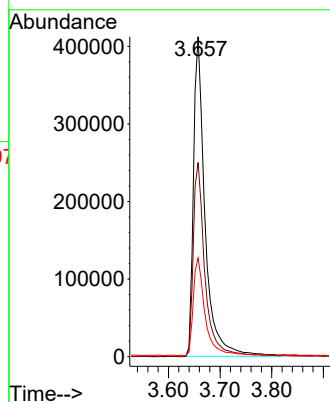
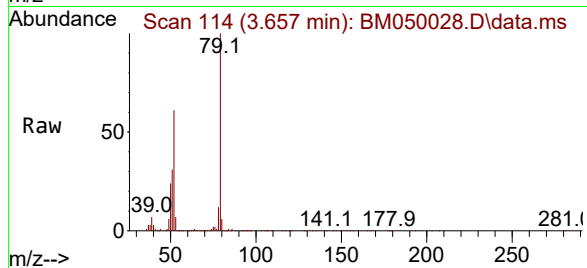




#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

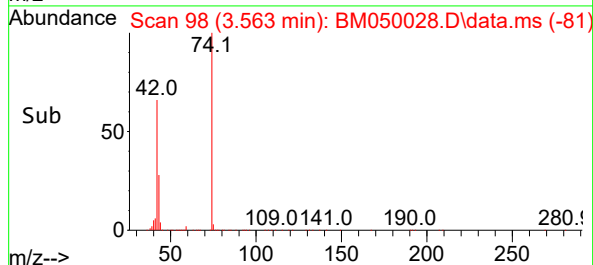
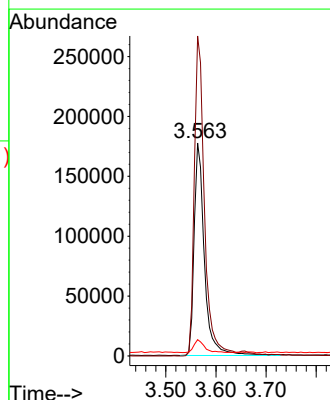
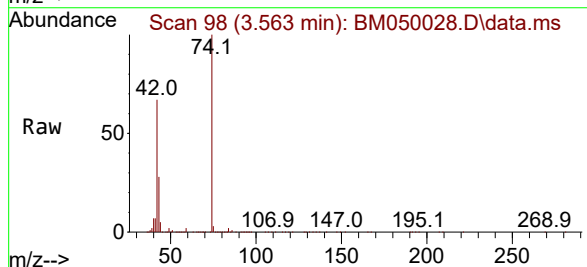
Instrument :
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ClientSampleId :
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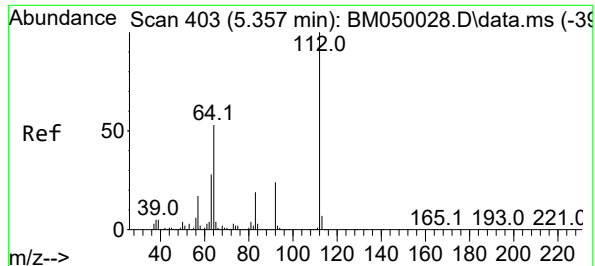
Tgt Ion: 79 Resp: 641890
Ion Ratio Lower Upper
79 100
52 60.7 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 42.316 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 42 Resp: 251749
Ion Ratio Lower Upper
42 100
74 150.2 120.2 180.2
44 7.7 6.2 9.2

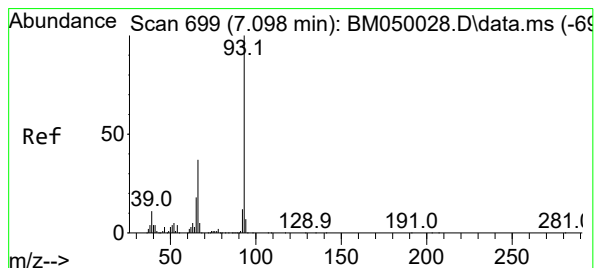
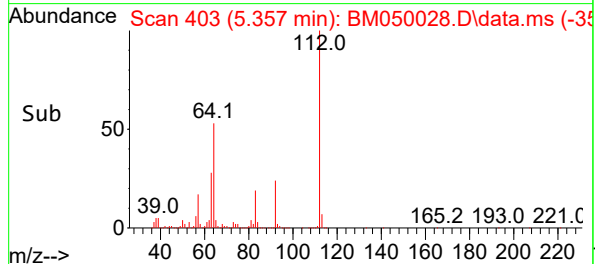
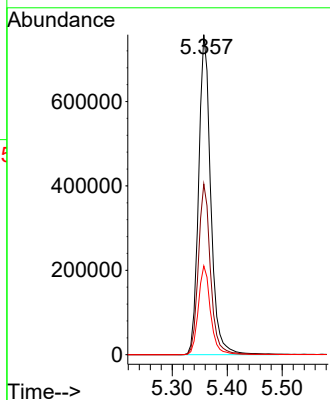
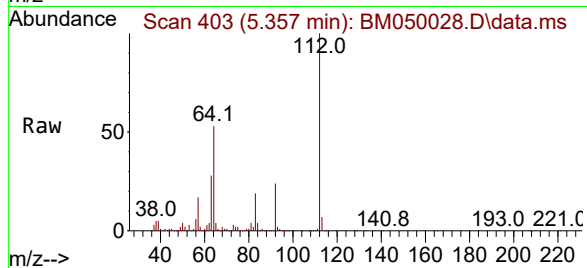




#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

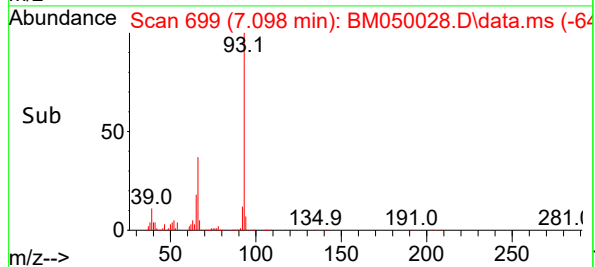
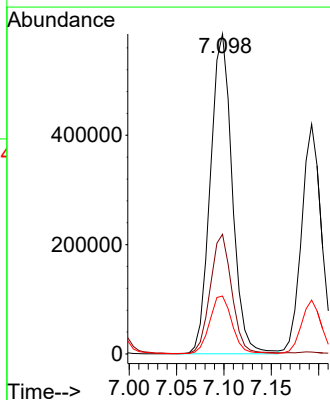
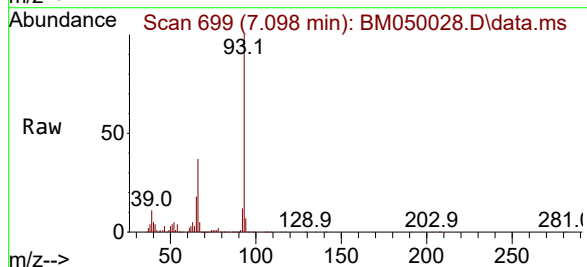
Instrument :
BNA_M
ClientSampleId :
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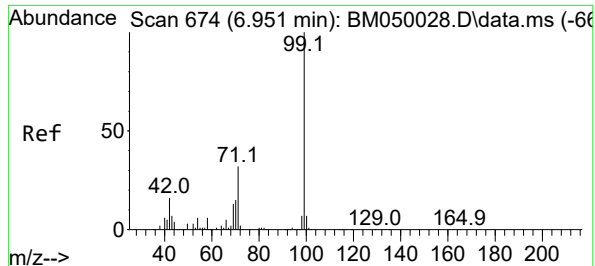
Tgt Ion:112 Resp: 1165032
Ion Ratio Lower Upper
112 100
64 53.3 42.6 64.0
63 27.8 22.2 33.4



#6
Aniline
Concen: 42.862 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 936673
Ion Ratio Lower Upper
93 100
66 37.4 29.9 44.9
65 18.1 14.5 21.7

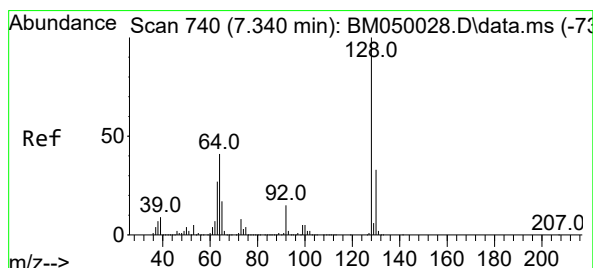
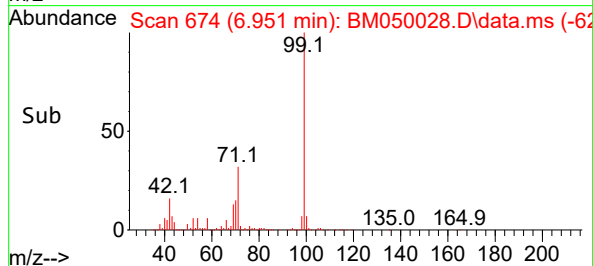
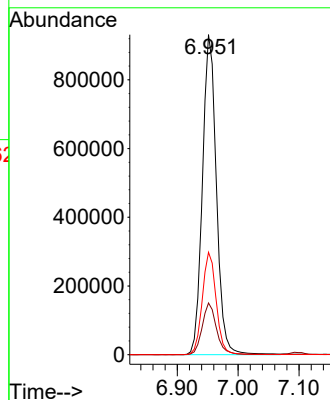
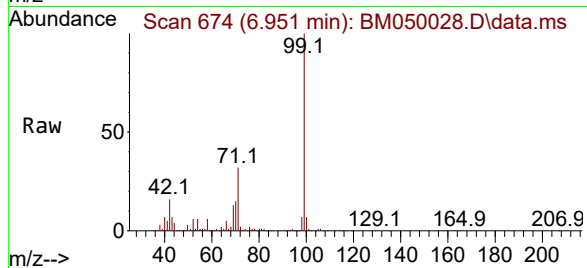




#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

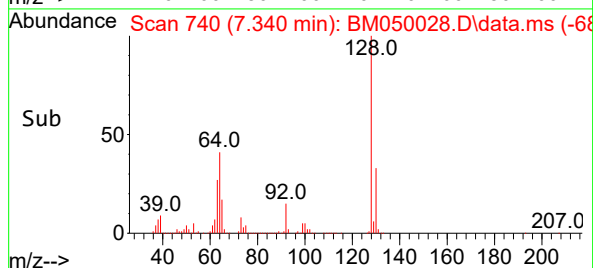
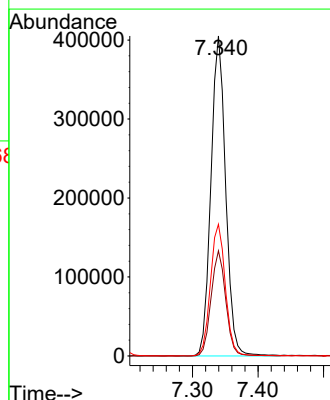
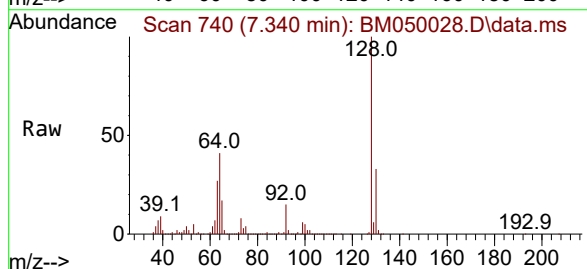
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

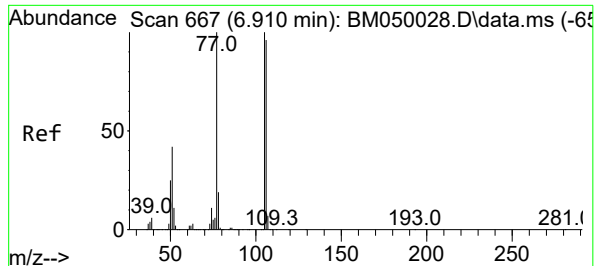
Tgt Ion: 99 Resp: 1487856
Ion Ratio Lower Upper
99 100
42 16.2 13.0 19.4
71 32.0 25.6 38.4



#8
2-Chlorophenol
Concen: 42.508 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 128 Resp: 632836
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.2 21.2 61.2

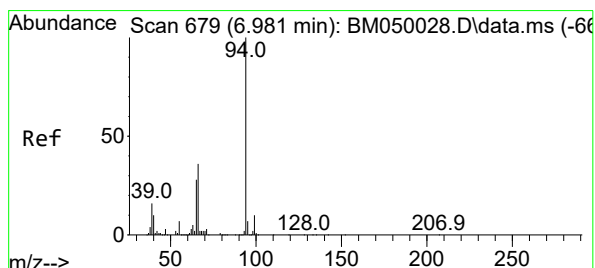
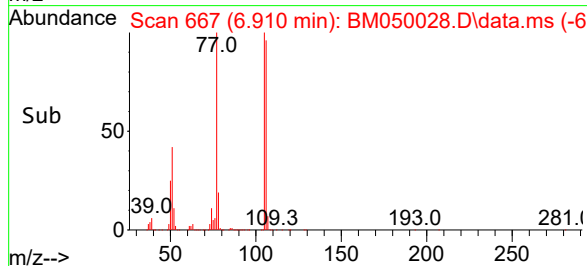
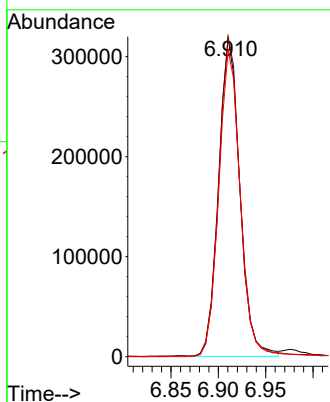
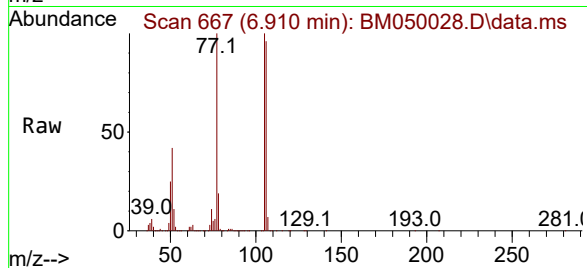




#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

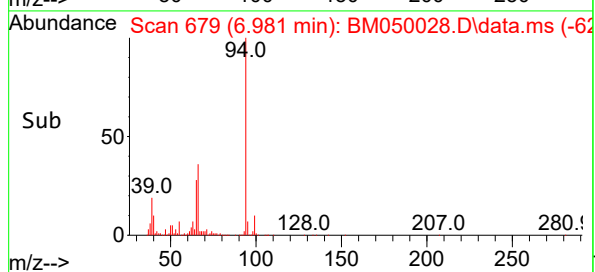
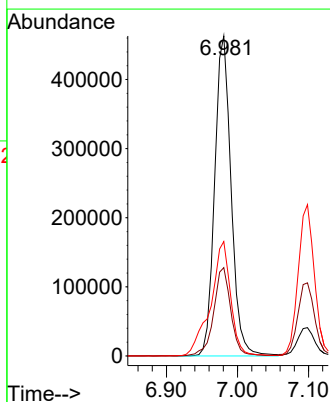
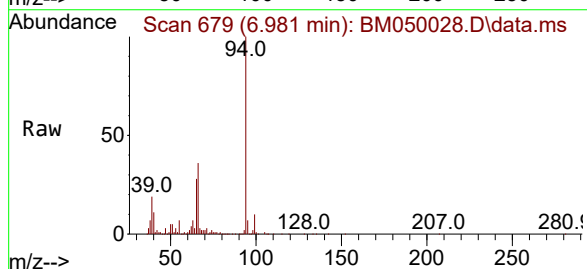
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

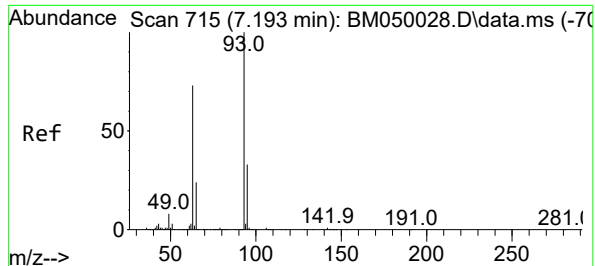
Tgt Ion: 77 Resp: 497166
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 96.1 76.1 116.1



#10
Phenol
Concen: 42.370 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 94 Resp: 742305
Ion Ratio Lower Upper
94 100
65 27.6 7.6 47.6
66 35.8 15.8 55.8

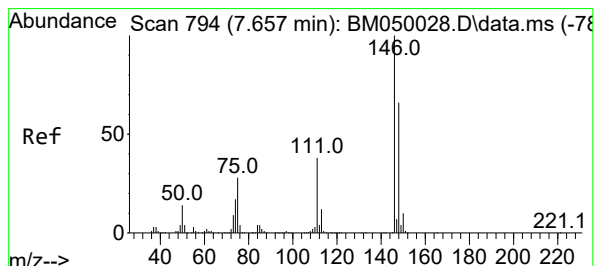
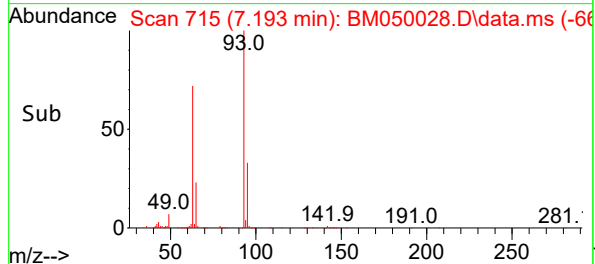
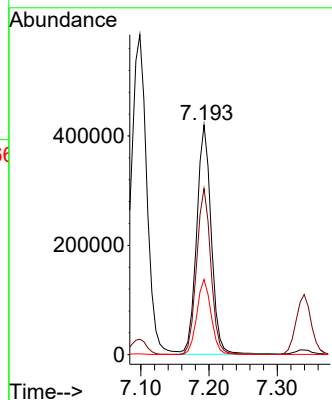
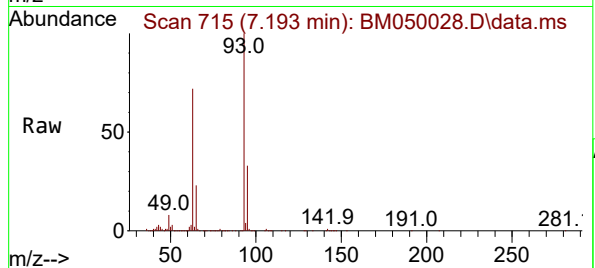




#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

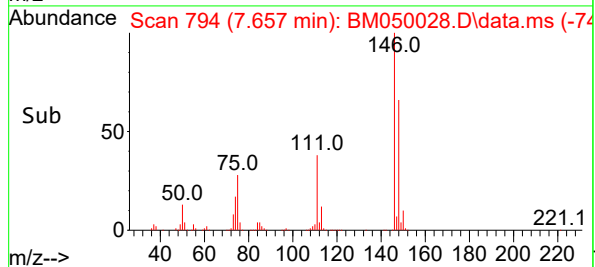
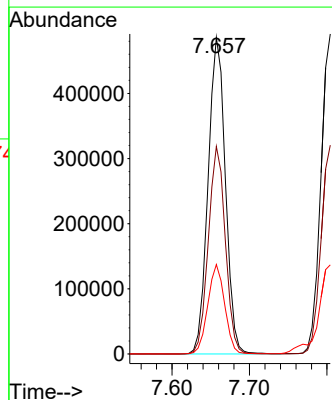
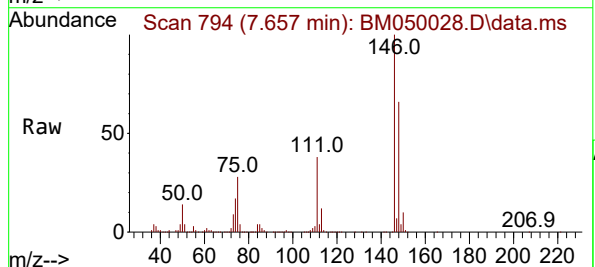
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

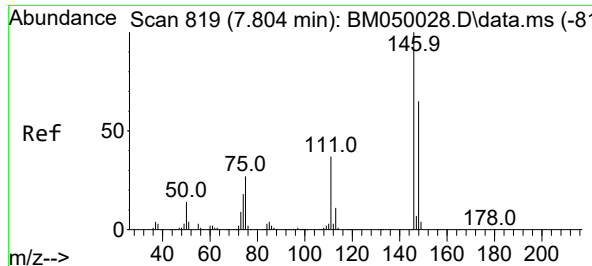
Tgt Ion: 93 Resp: 616851
Ion Ratio Lower Upper
93 100
63 72.3 52.3 92.3
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.979 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 146 Resp: 754937
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
75 28.3 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 41.677 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

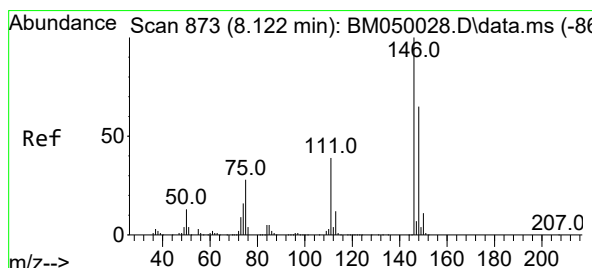
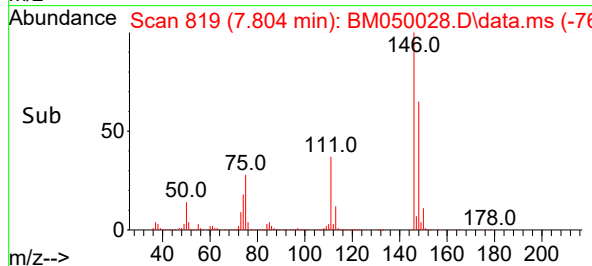
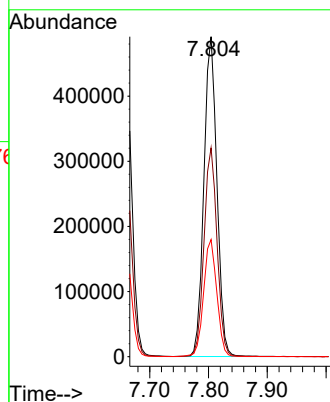
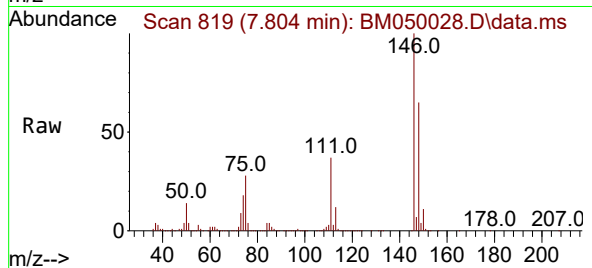
Tgt Ion:146 Resp: 752959

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

111 36.6 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 42.050 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

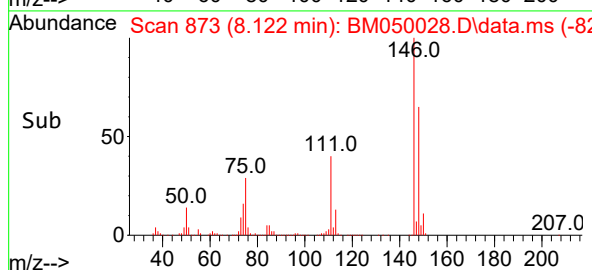
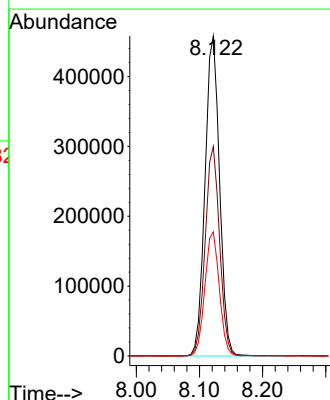
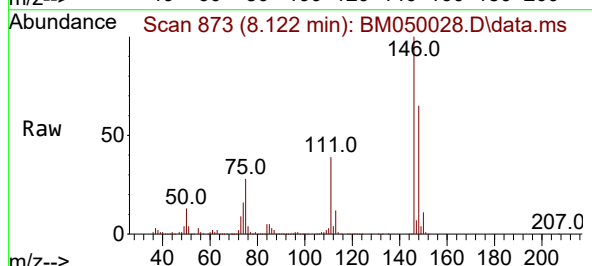
Tgt Ion:146 Resp: 733848

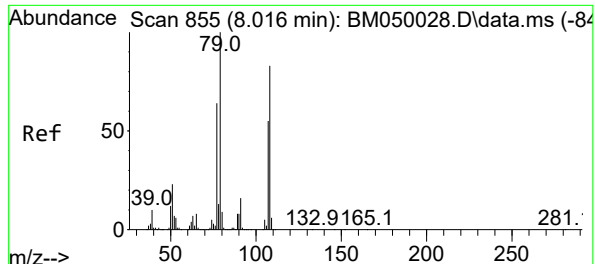
Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

111 38.8 31.0 46.6





#15

Benzyl Alcohol

Concen: 43.413 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

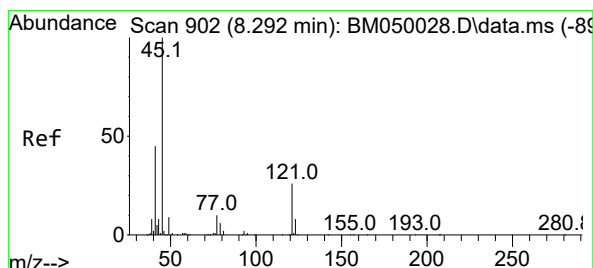
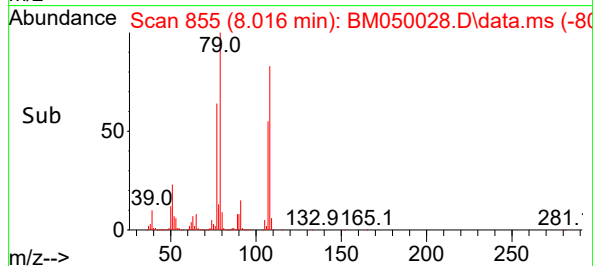
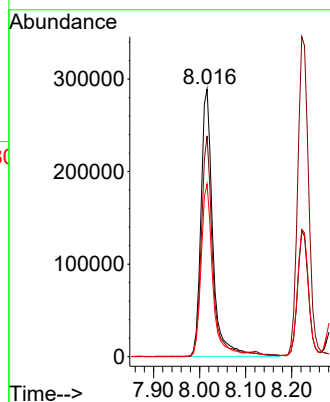
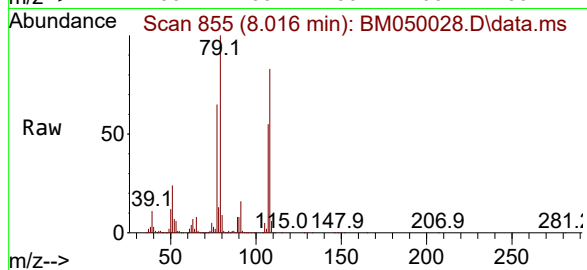
Tgt Ion: 79 Resp: 521025

Ion Ratio Lower Upper

79 100

108 82.5 66.0 99.0

77 64.5 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.085 ng

RT: 8.292 min Scan# 902

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

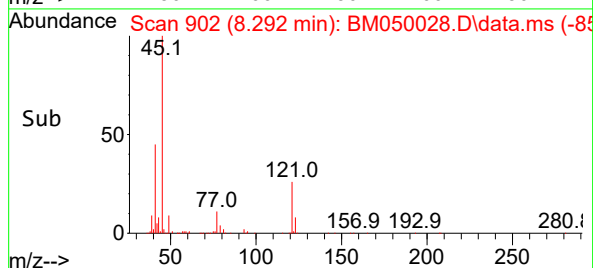
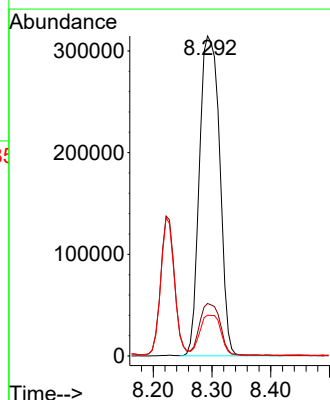
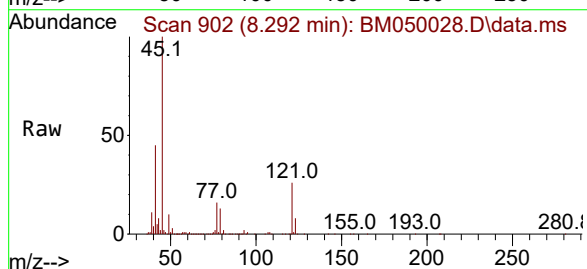
Tgt Ion: 45 Resp: 748400

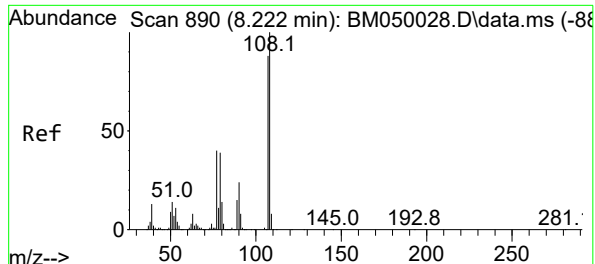
Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.4

79 12.7 0.0 32.7





#17

2-Methylphenol

Concen: 43.149 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050028.D

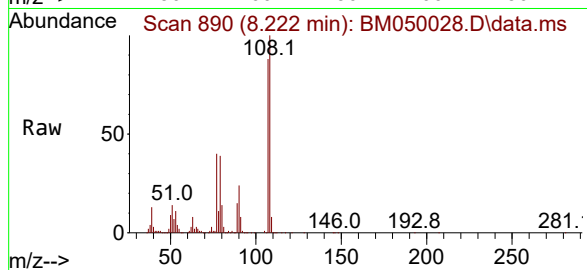
Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040



Tgt Ion:107 Resp: 498005

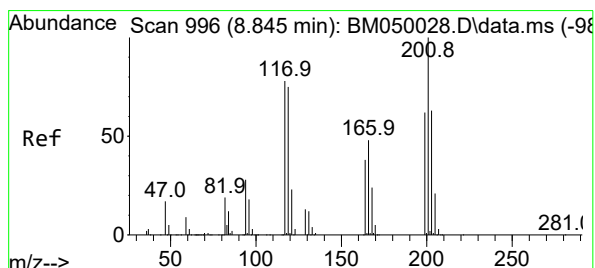
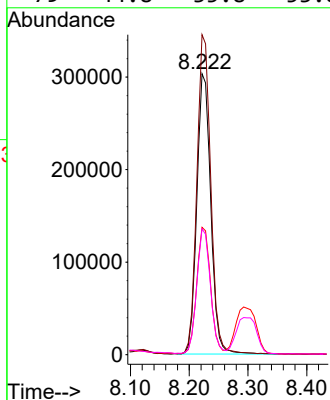
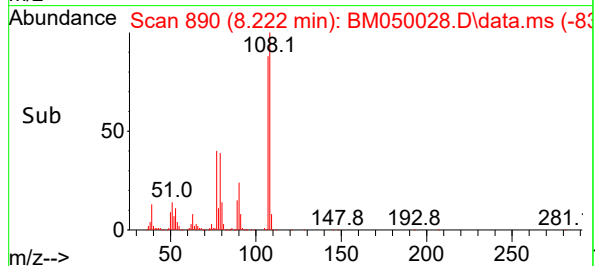
Ion	Ratio	Lower	Upper

107	100		

108	113.9	91.1	136.7

77	45.3	36.2	54.4

79	44.8	35.8	53.8



#18

Hexachloroethane

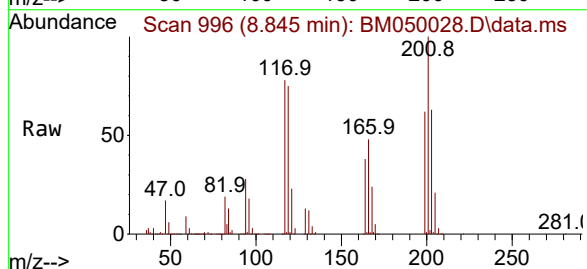
Concen: 41.780 ng

RT: 8.845 min Scan# 996

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06



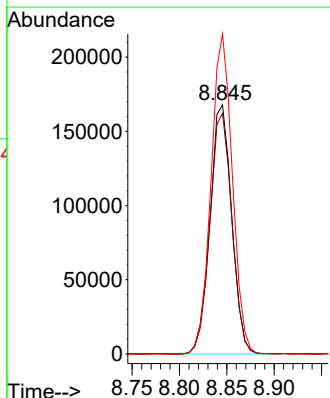
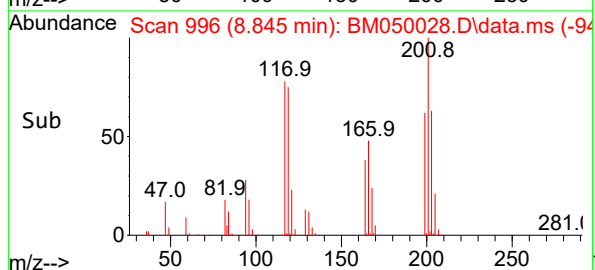
Tgt Ion:117 Resp: 268328

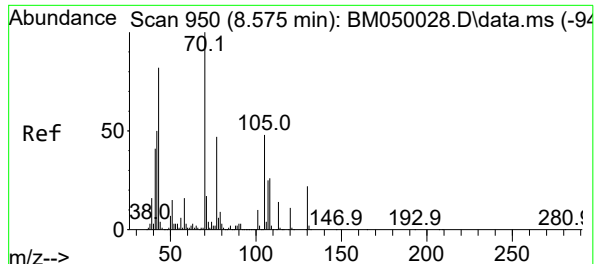
Ion	Ratio	Lower	Upper

117	100		

119	96.6	77.3	115.9

201	128.5	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.579 ng

RT: 8.575 min Scan# 950

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 483699

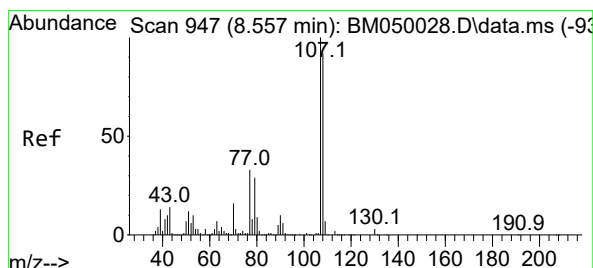
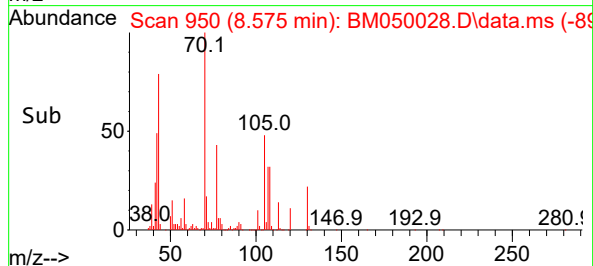
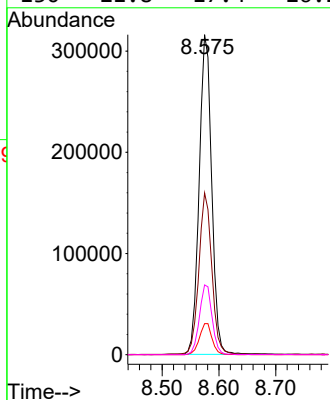
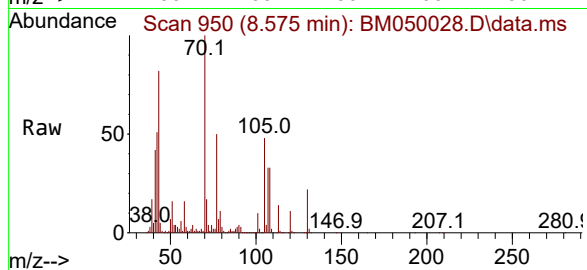
Ion Ratio Lower Upper

70 100

42 50.6 40.5 60.7

101 9.7 7.8 11.6

130 21.8 17.4 26.2



#20

3+4-Methylphenols

Concen: 43.111 ng

RT: 8.557 min Scan# 947

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion: 107 Resp: 671942

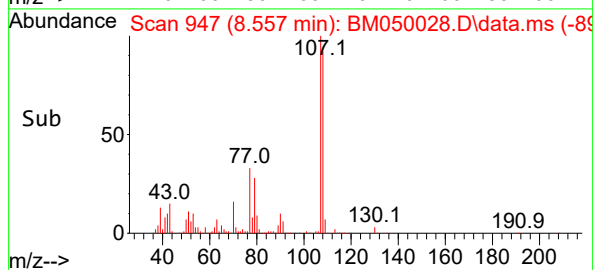
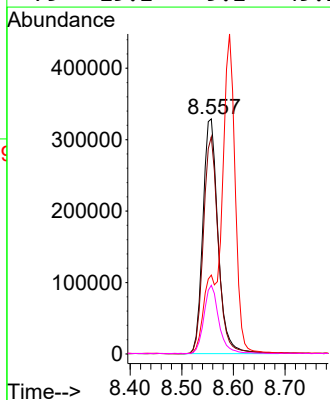
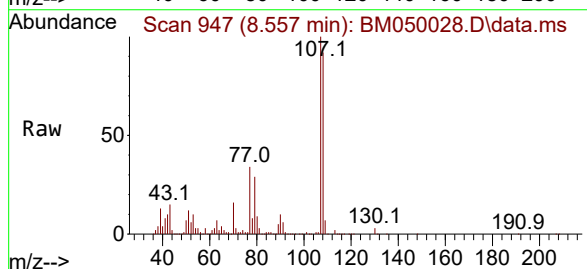
Ion Ratio Lower Upper

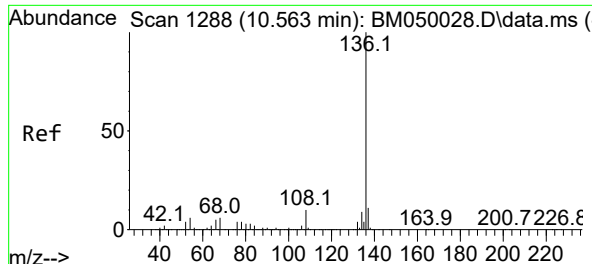
107 100

108 92.4 72.4 112.4

77 33.6 13.6 53.6

79 29.2 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 890488

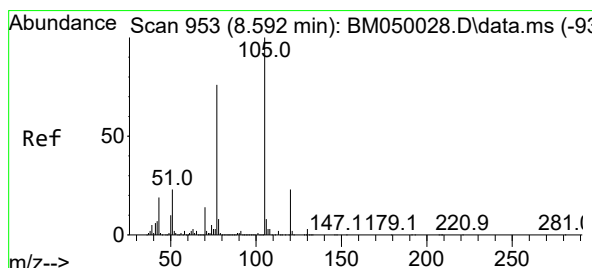
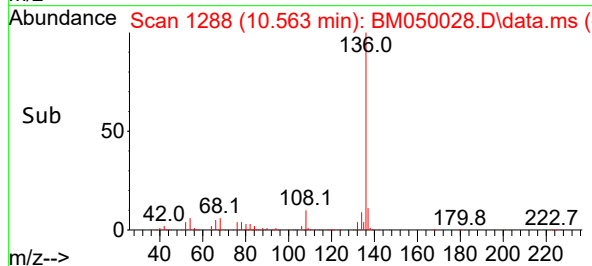
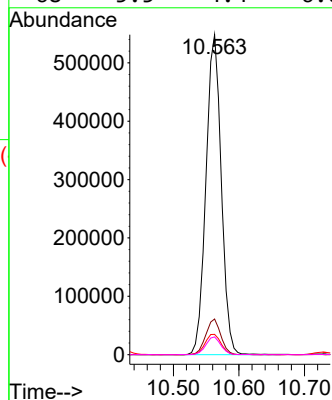
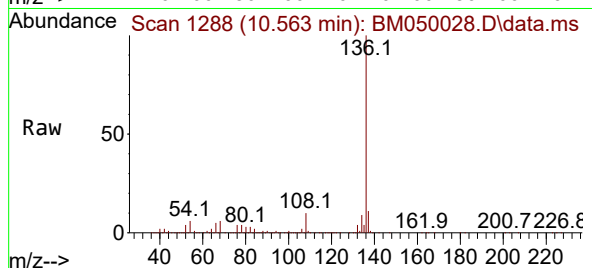
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 5.1 7.7

68 5.5 4.4 6.6



#22

Acetophenone

Concen: 42.735 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

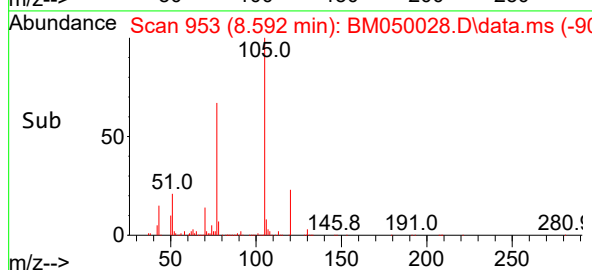
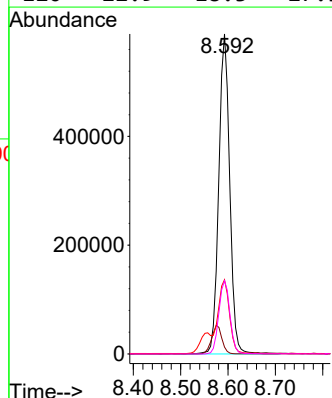
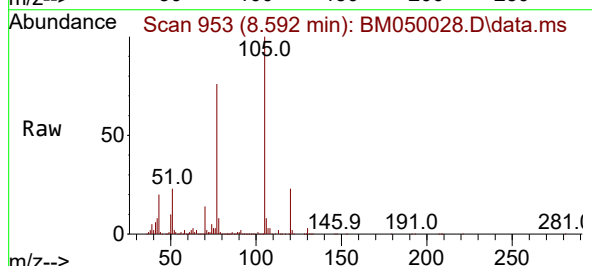
Ion Ratio Lower Upper

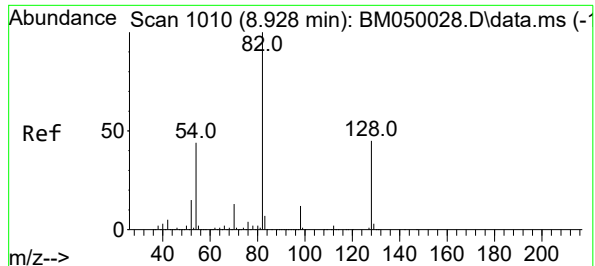
105 100

71 2.1 1.7 2.5

51 23.2 18.6 27.8

120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 85.620 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

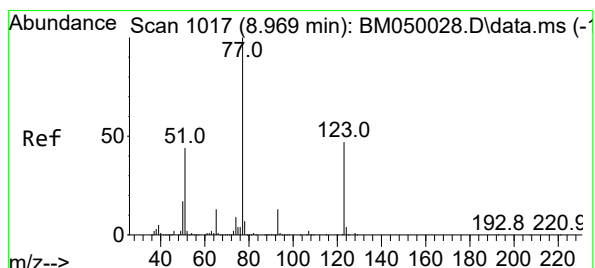
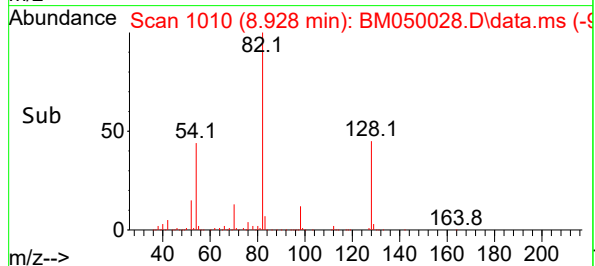
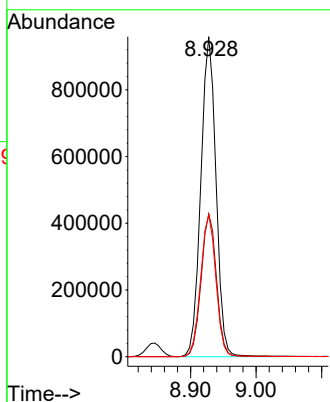
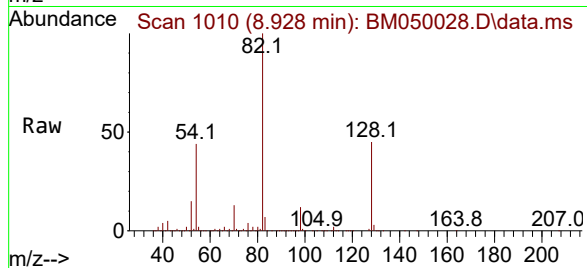
Tgt Ion: 82 Resp: 1547270

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 44.3 35.4 53.2



#24

Nitrobenzene

Concen: 42.625 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

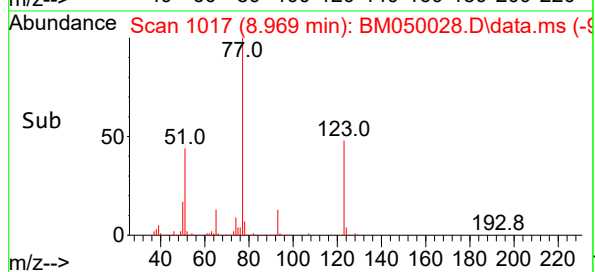
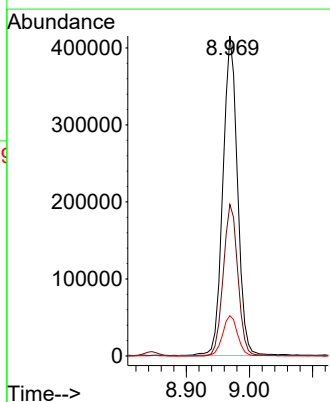
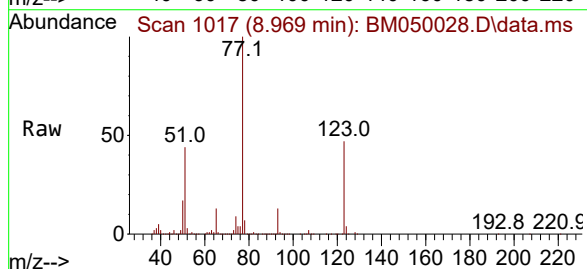
Tgt Ion: 77 Resp: 666034

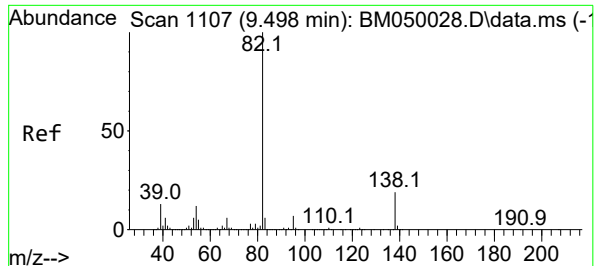
Ion Ratio Lower Upper

77 100

123 47.4 37.9 56.9

65 12.6 10.1 15.1

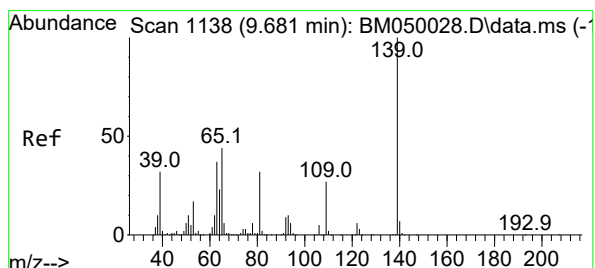
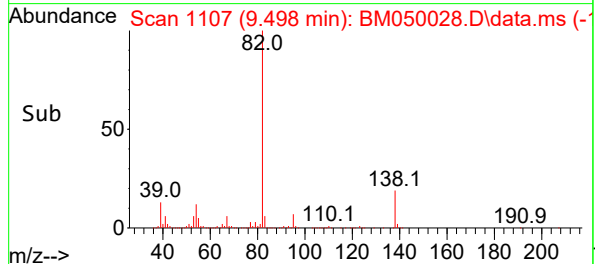
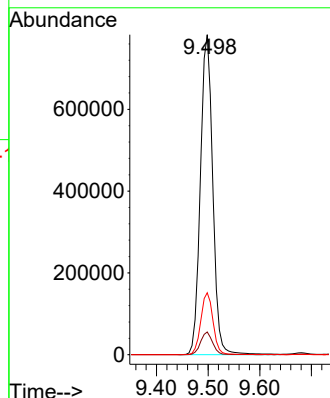
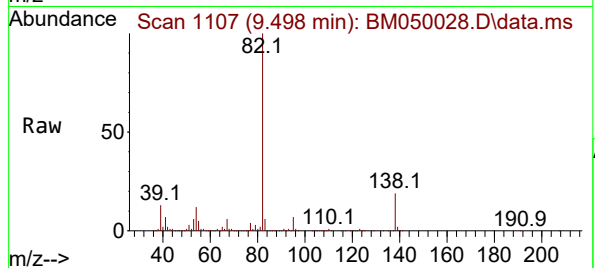




#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

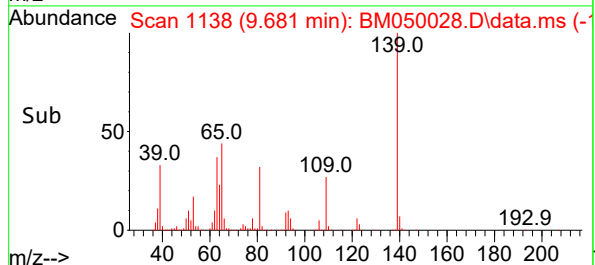
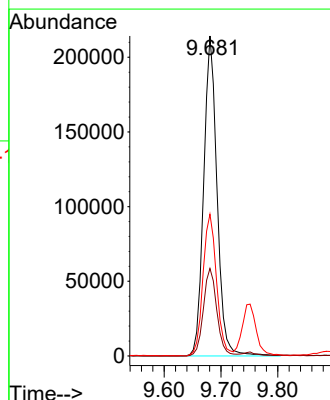
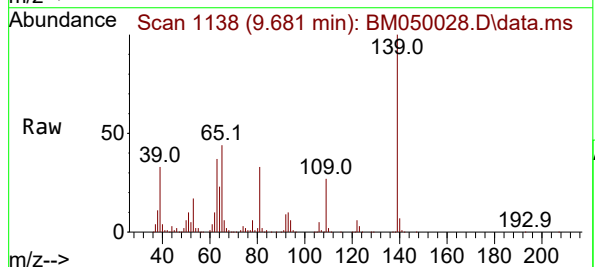
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

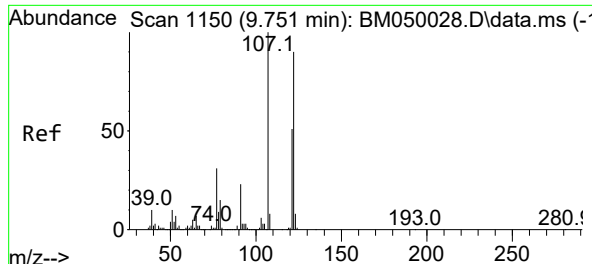
Tgt Ion: 82 Resp: 1298577
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.4 15.5 23.3



#26
2-Nitrophenol
Concen: 43.827 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 139 Resp: 349855
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 44.3 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 43.552 ng

RT: 9.751 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

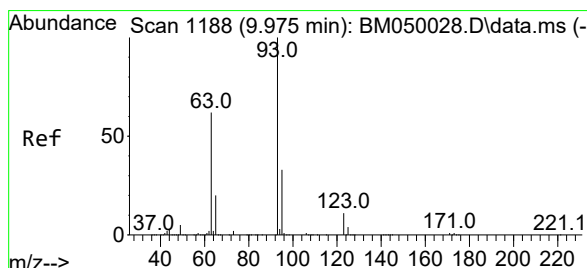
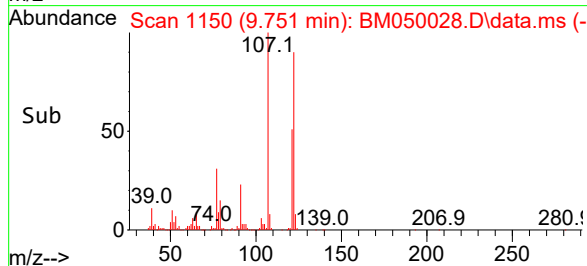
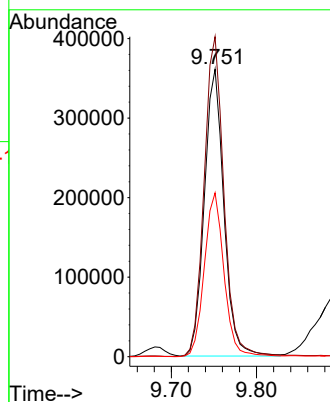
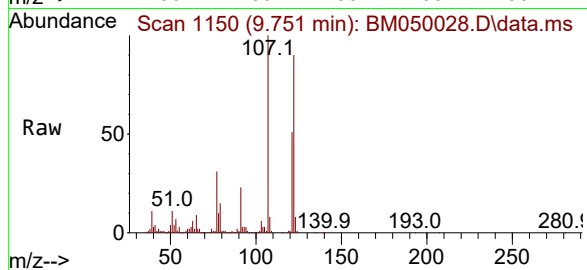
Tgt Ion:122 Resp: 576549

Ion Ratio Lower Upper

122 100

107 111.3 89.0 133.6

121 57.0 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.518 ng

RT: 9.975 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

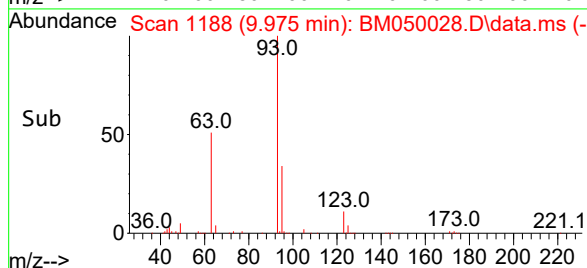
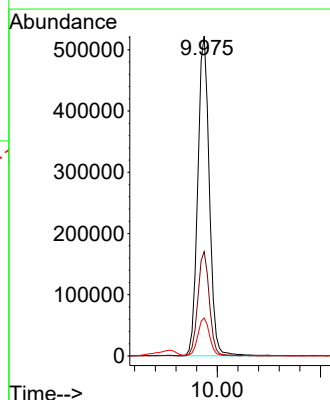
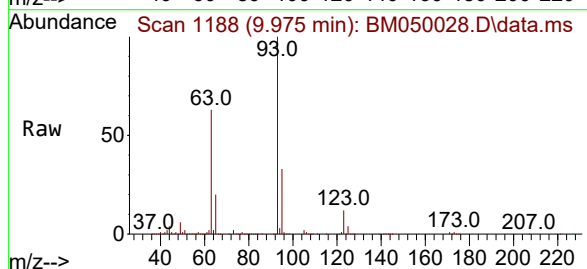
Tgt Ion: 93 Resp: 809528

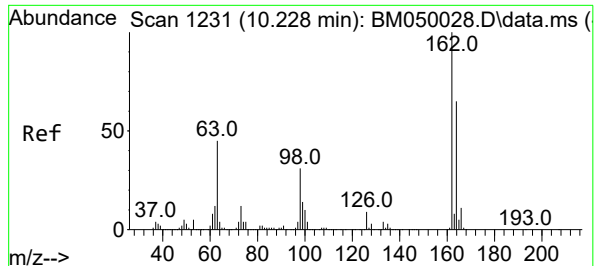
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.461 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

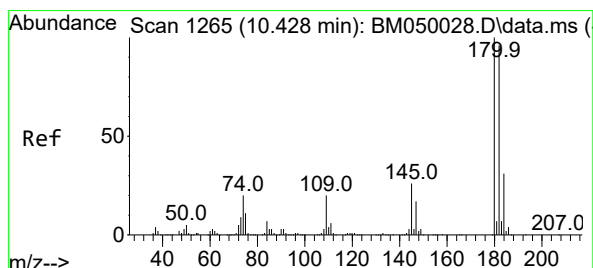
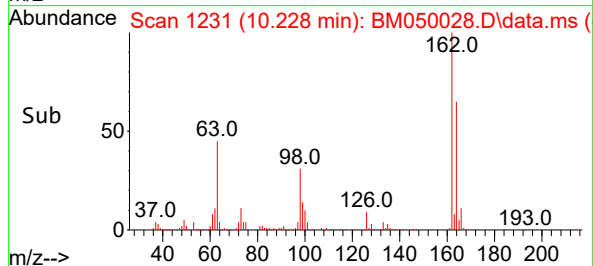
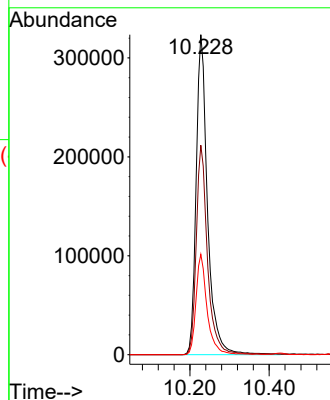
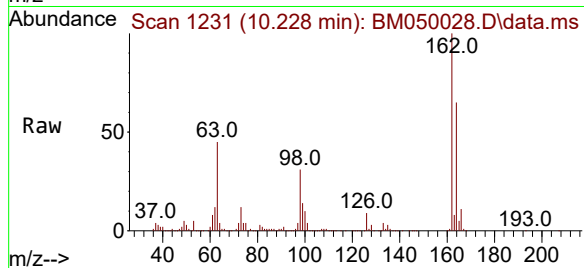
Tgt Ion:162 Resp: 644546

Ion Ratio Lower Upper

162 100

164 65.4 45.4 85.4

98 31.3 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.060 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

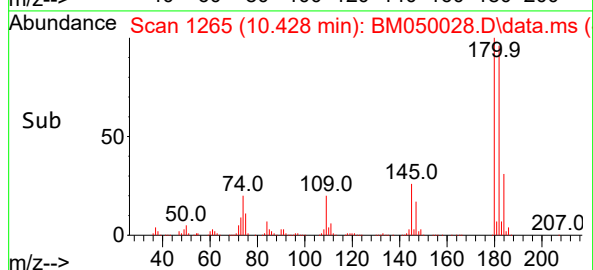
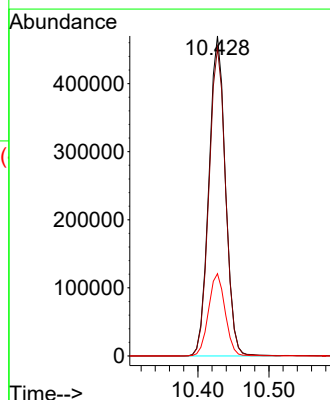
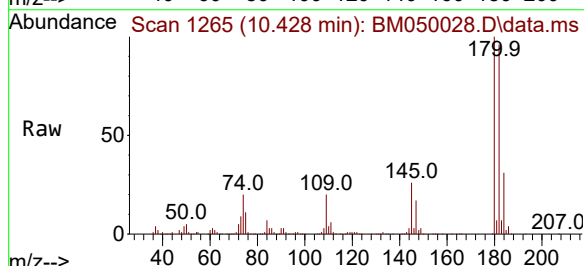
Tgt Ion:180 Resp: 759987

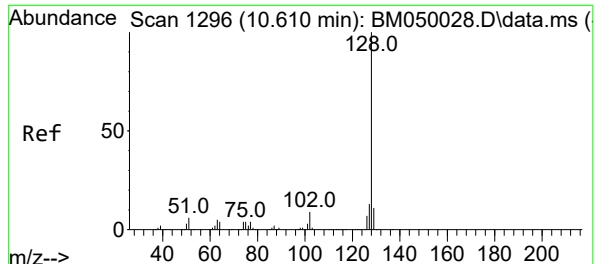
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 25.7 20.6 30.8

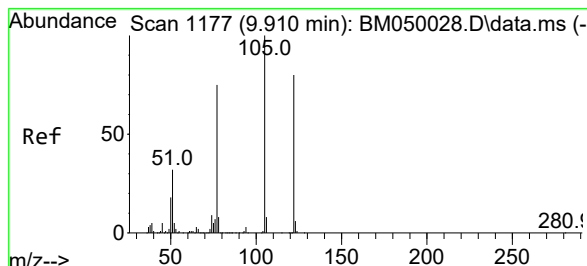
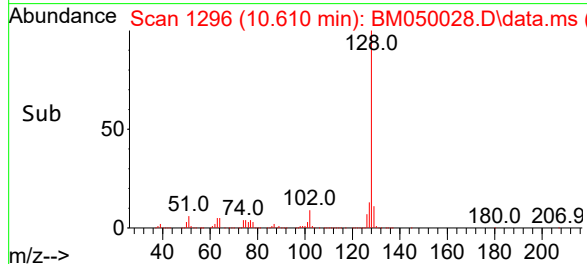
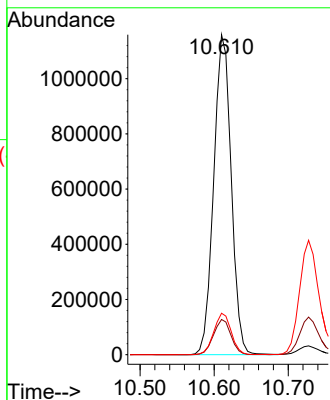
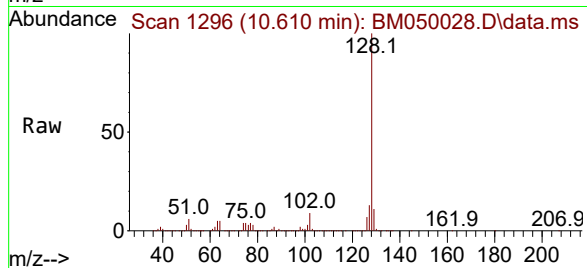




#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

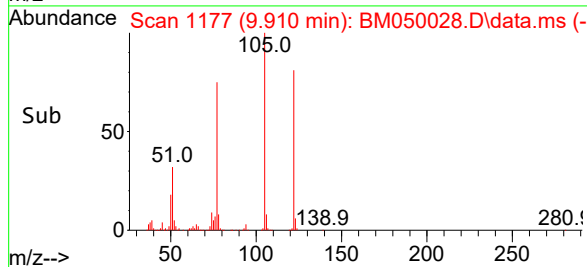
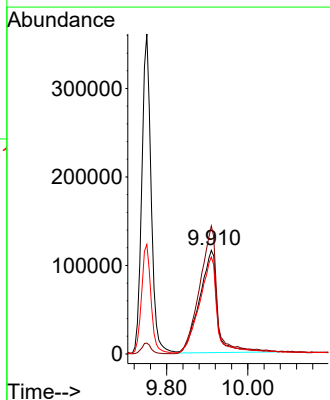
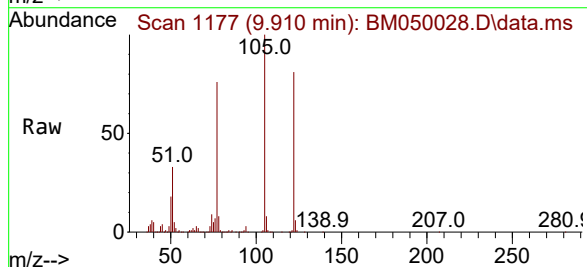
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

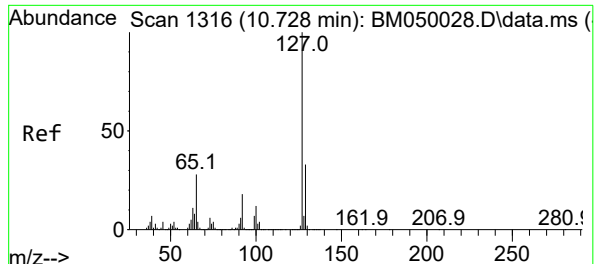
Tgt Ion:128 Resp: 1898588
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 41.613 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:122 Resp: 351345
Ion Ratio Lower Upper
122 100
105 123.6 103.6 143.6
77 93.7 73.7 113.7





#33

4-Chloroaniline

Concen: 42.448 ng

RT: 10.728 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

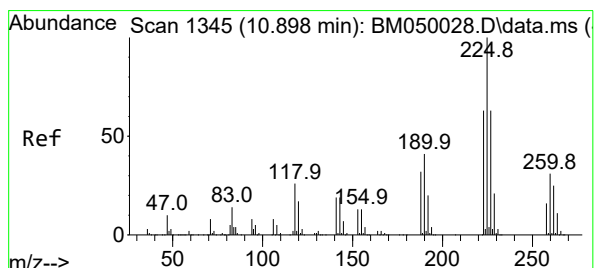
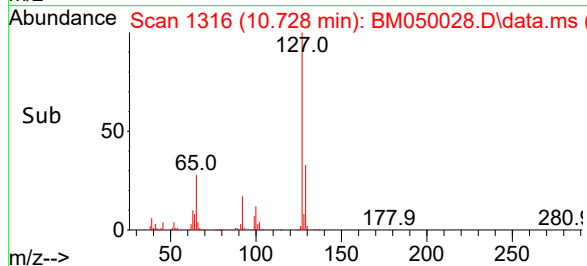
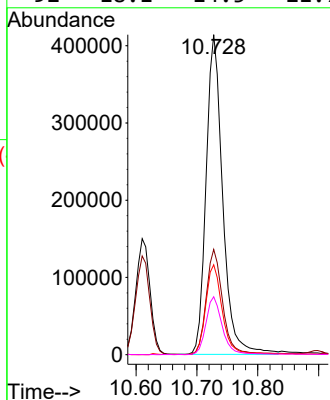
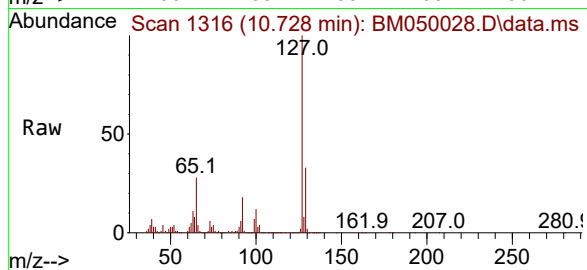
BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 784625

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.1	22.5	33.7
92	18.1	14.5	21.7



#34

Hexachlorobutadiene

Concen: 41.981 ng

RT: 10.898 min Scan# 1345

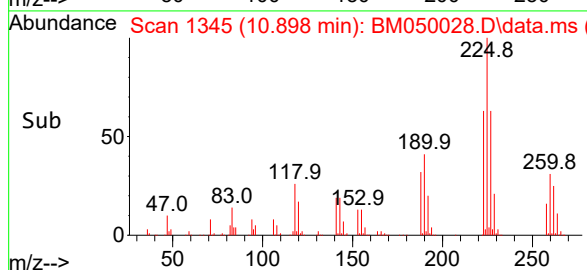
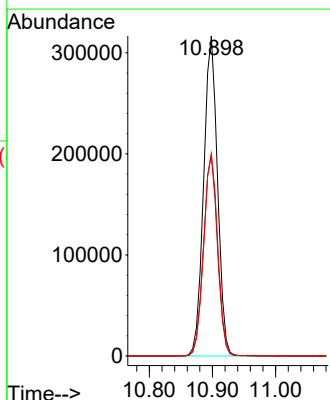
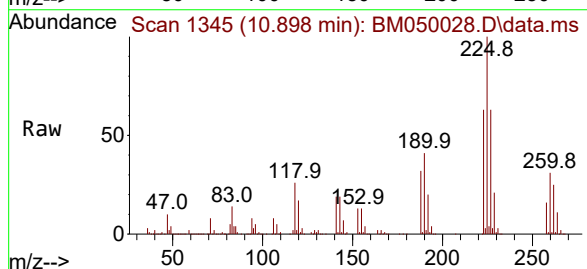
Delta R.T. 0.000 min

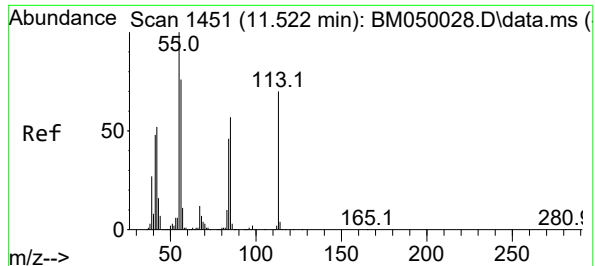
Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:225 Resp: 481510

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.3	50.6	76.0

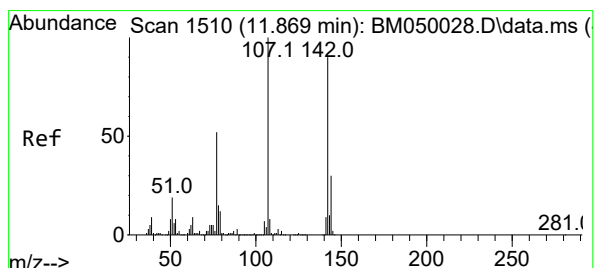
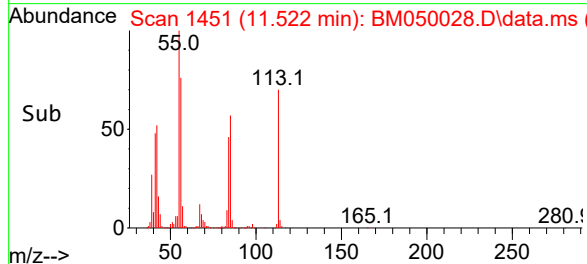
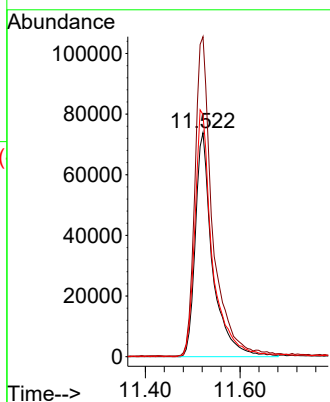
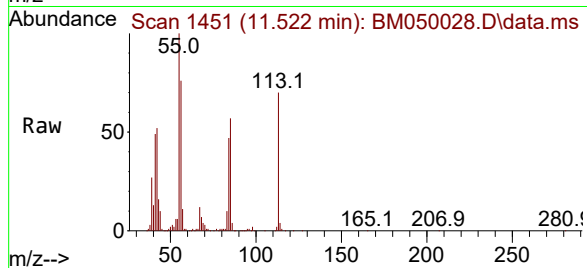




#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

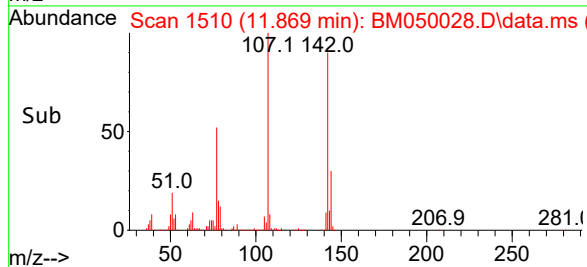
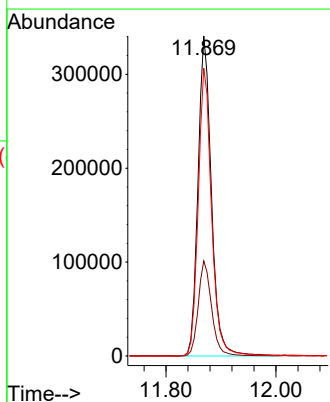
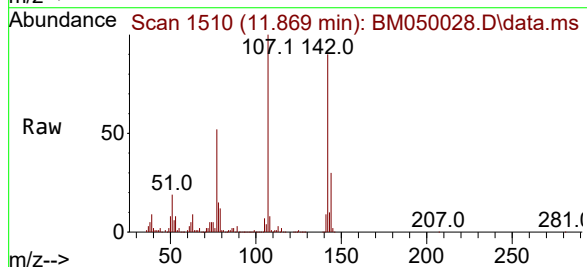
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

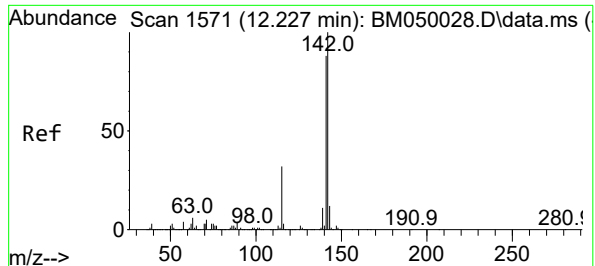
Tgt Ion:113 Resp: 185984
Ion Ratio Lower Upper
113 100
55 142.9 122.9 162.9
56 108.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 42.293 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 579492
Ion Ratio Lower Upper
107 100
144 29.7 23.8 35.6
142 89.9 71.9 107.9

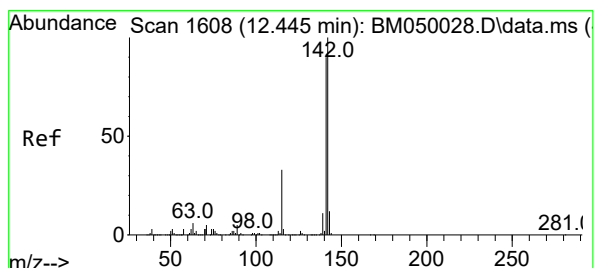
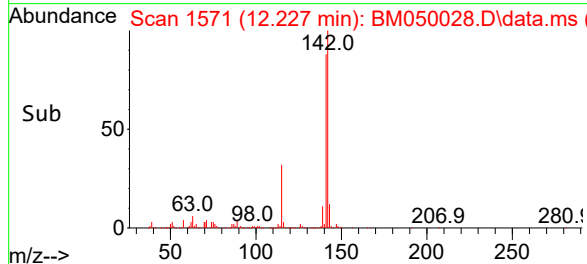
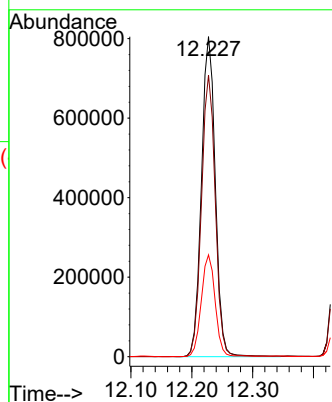
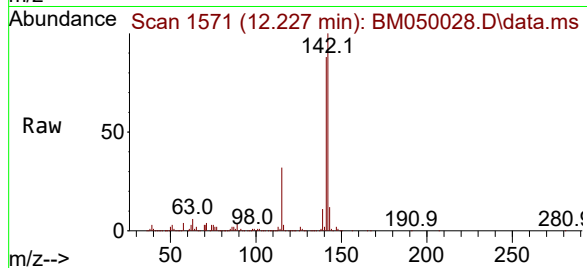




#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

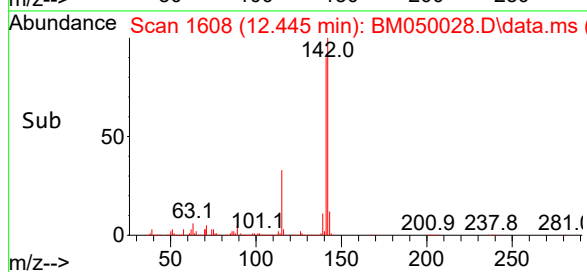
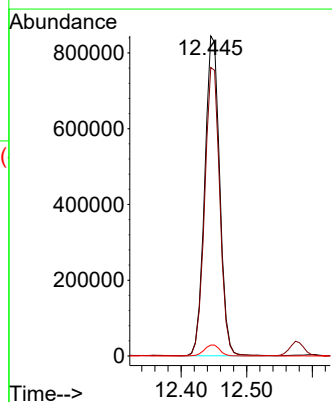
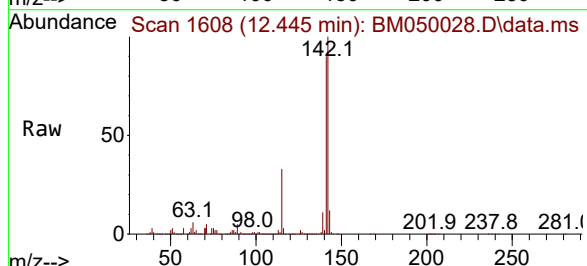
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

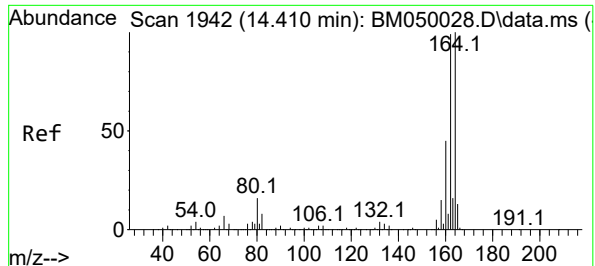
Tgt Ion:142 Resp: 1269061
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2



#38
1-Methylnaphthalene
Concen: 41.928 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:142 Resp: 1341577
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

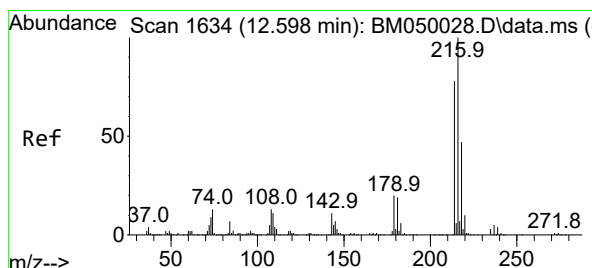
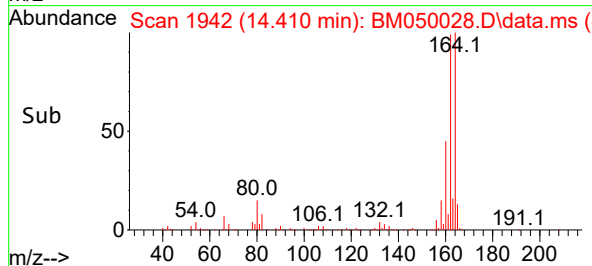
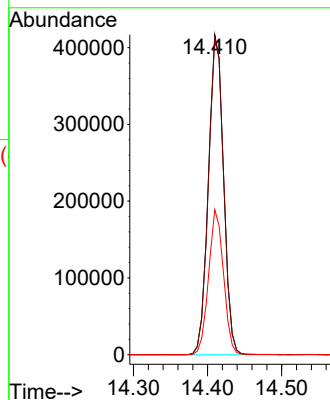
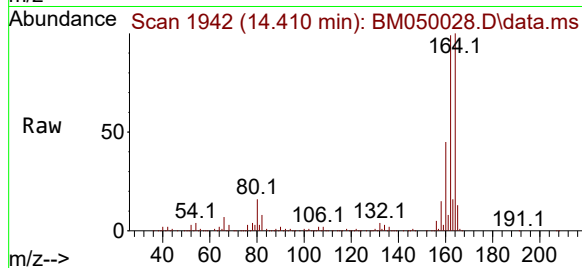
Tgt Ion:164 Resp: 591599

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.894 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

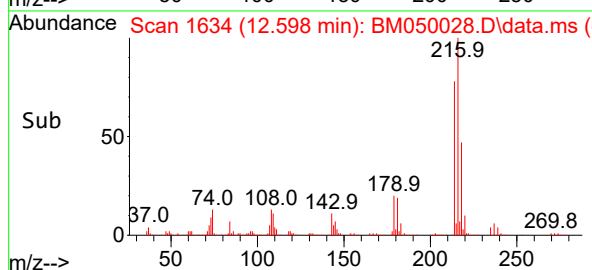
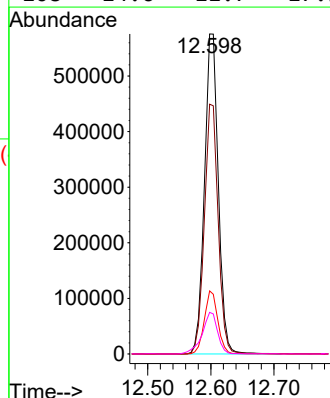
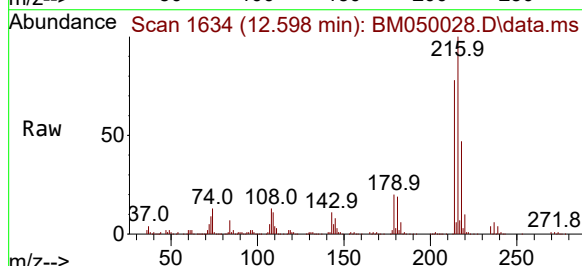
Ion Ratio Lower Upper

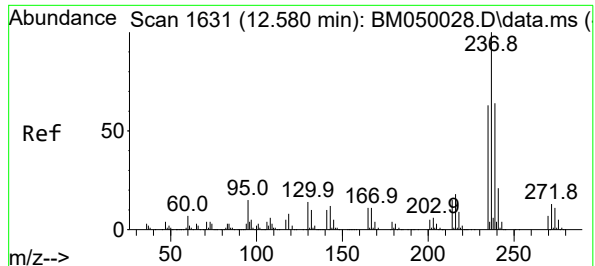
216 100

214 77.9 62.3 93.5

179 19.2 15.4 23.0

108 14.6 11.7 17.5

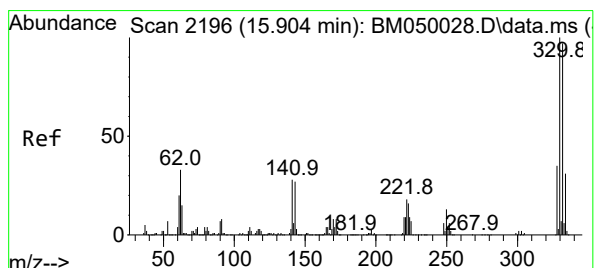
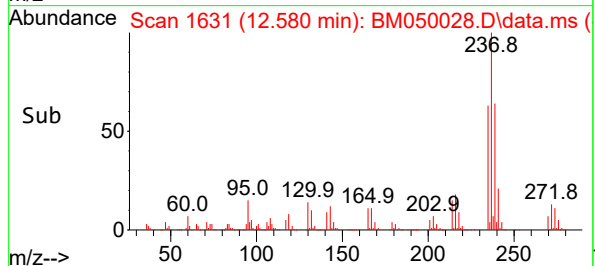
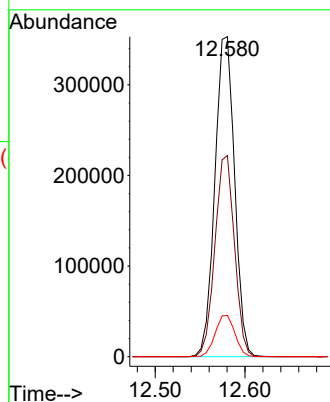
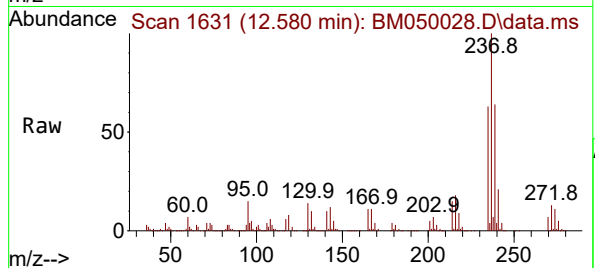




#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

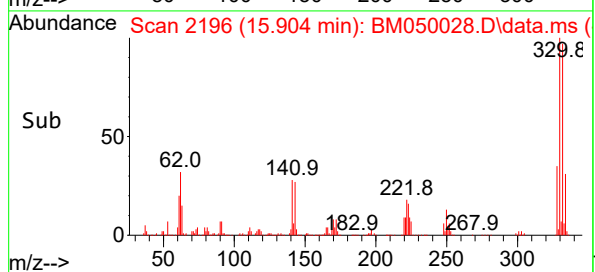
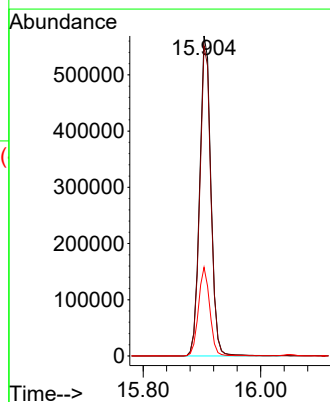
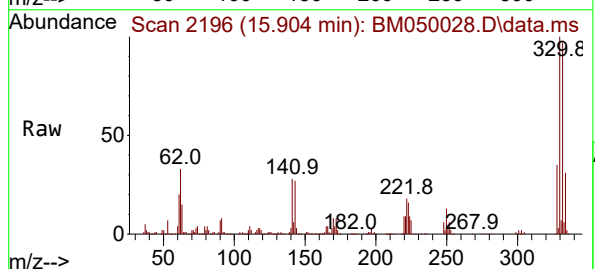
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

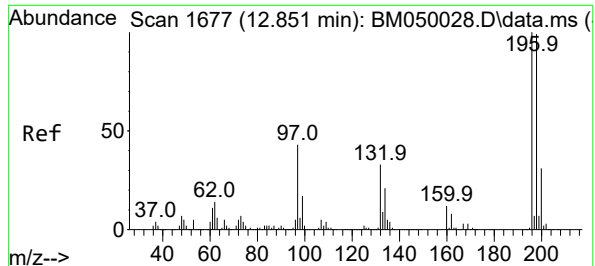
Tgt Ion:237 Resp: 538788
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:330 Resp: 751927
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 28.1 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 43.368 ng

RT: 12.851 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

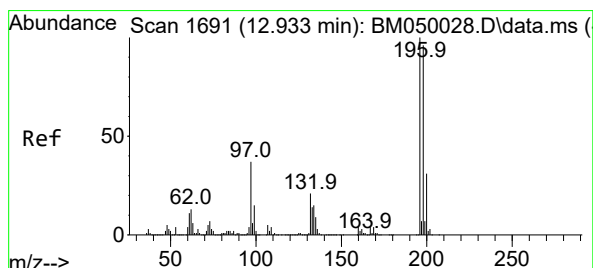
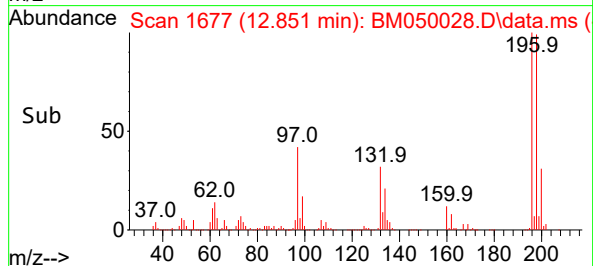
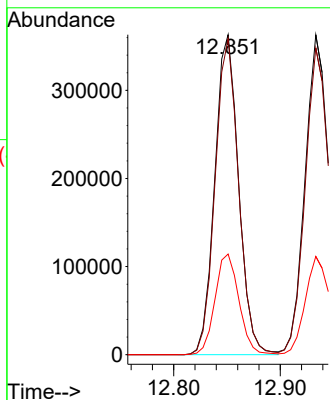
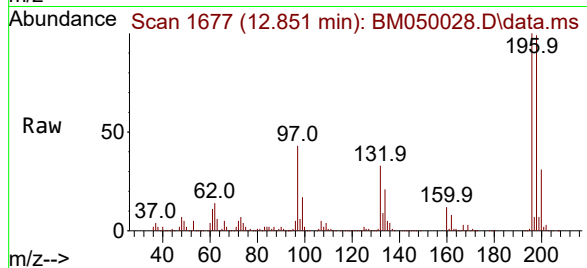
Tgt Ion:196 Resp: 563324

Ion Ratio Lower Upper

196 100

198 98.8 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 43.706 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

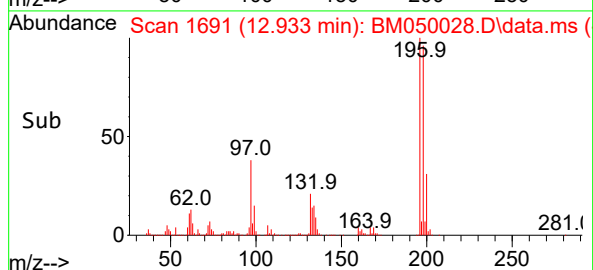
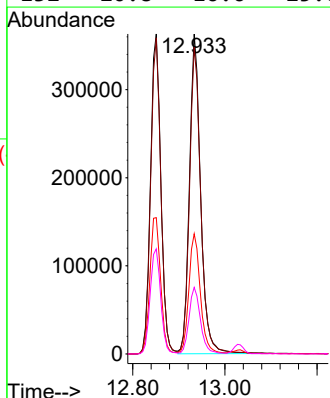
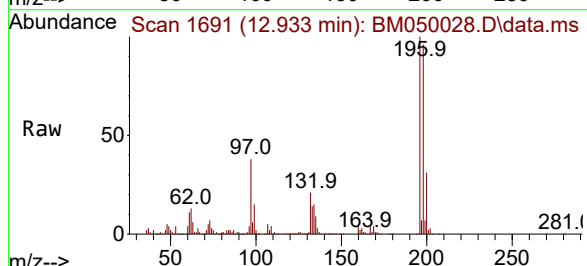
Ion Ratio Lower Upper

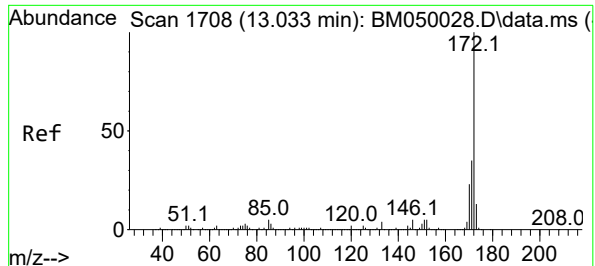
196 100

198 95.9 76.7 115.1

97 37.6 30.1 45.1

132 20.8 16.6 25.0

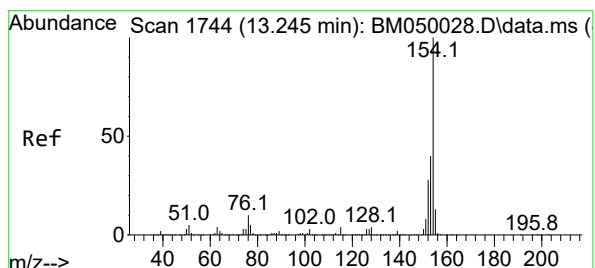
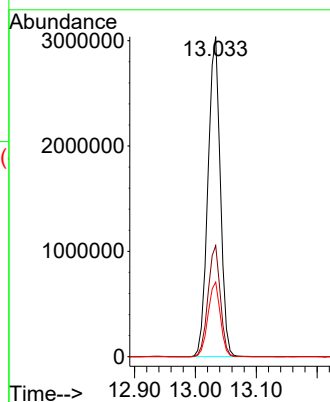
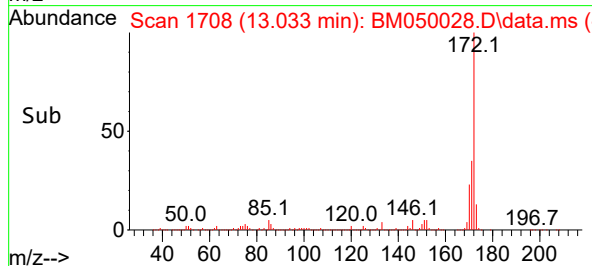
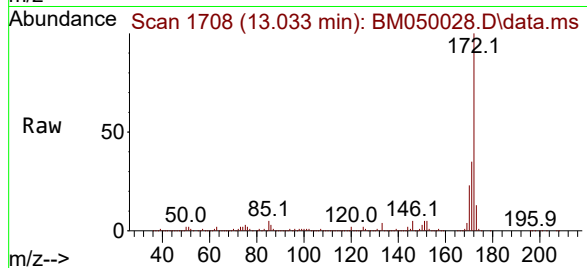




#45
2-Fluorobiphenyl
Concen: 85.489 ng
RT: 13.033 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

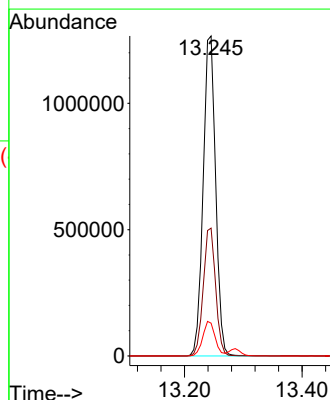
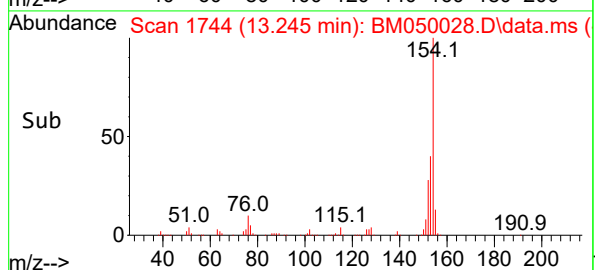
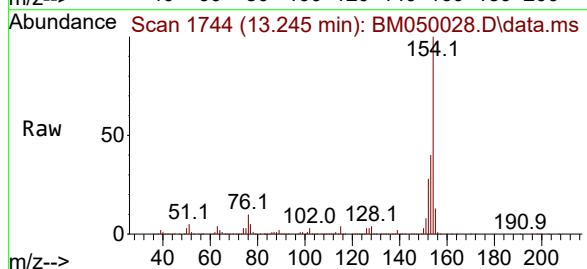
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

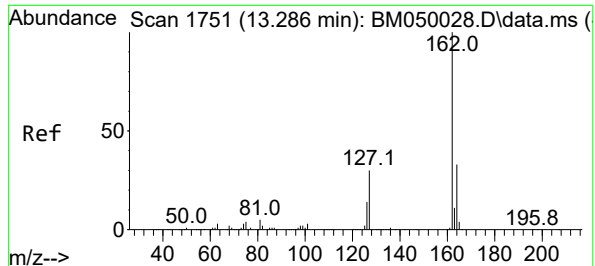
Tgt Ion:172 Resp: 4275240
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 42.309 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1860581
Ion Ratio Lower Upper
154 100
153 40.0 20.0 60.0
76 10.3 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.480 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

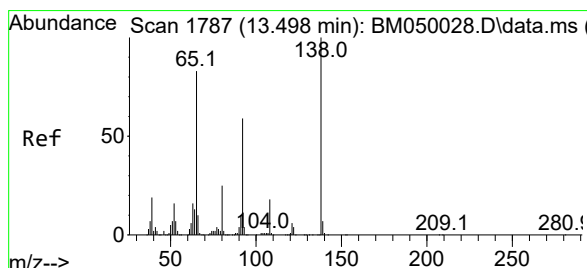
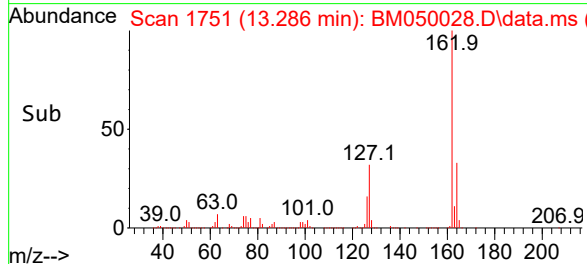
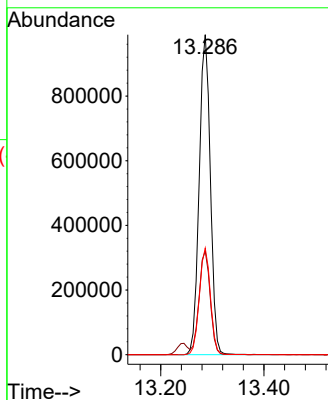
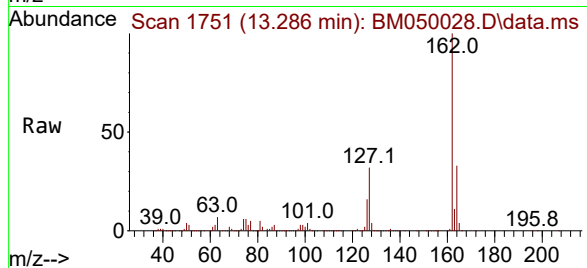
Tgt Ion:162 Resp: 1479560

Ion Ratio Lower Upper

162 100

127 32.4 25.9 38.9

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 43.684 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

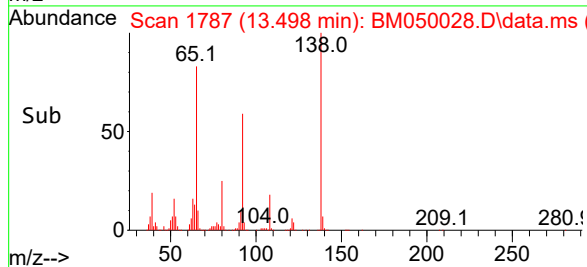
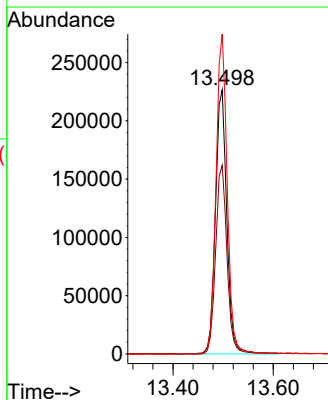
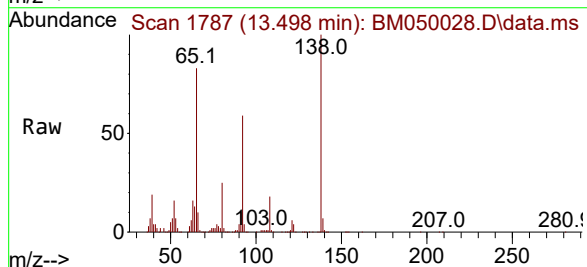
Tgt Ion: 65 Resp: 357098

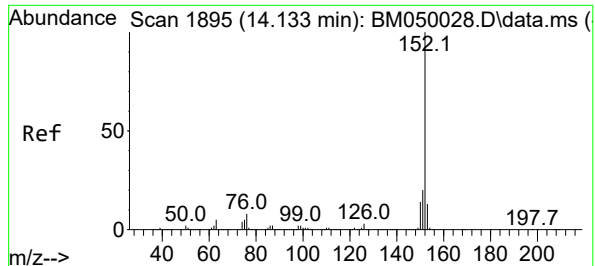
Ion Ratio Lower Upper

65 100

92 71.4 57.1 85.7

138 121.2 97.0 145.4





#49

Acenaphthylene

Concen: 42.478 ng

RT: 14.133 min Scan# 1895

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

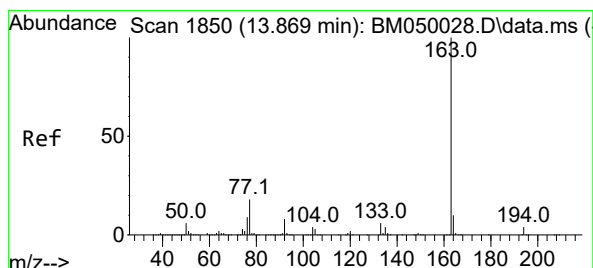
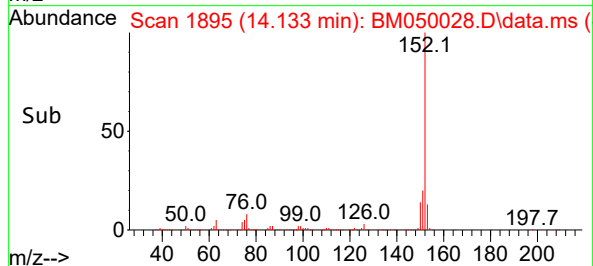
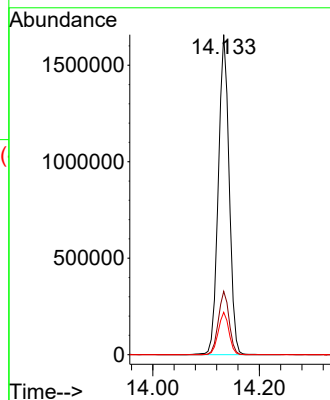
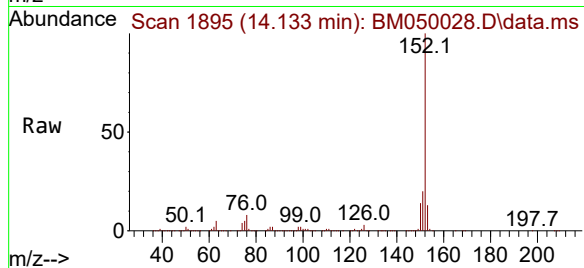
Tgt Ion:152 Resp: 2332675

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 41.918 ng

RT: 13.869 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

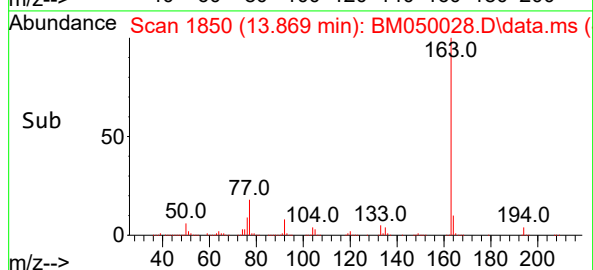
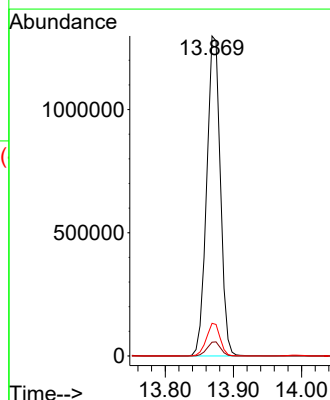
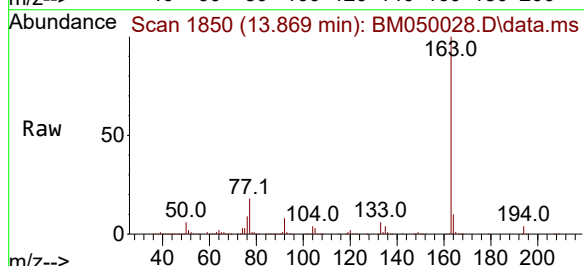
Tgt Ion:163 Resp: 1812335

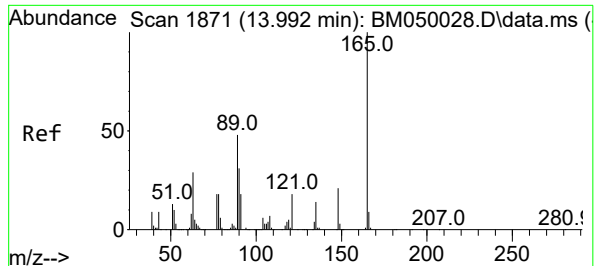
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2

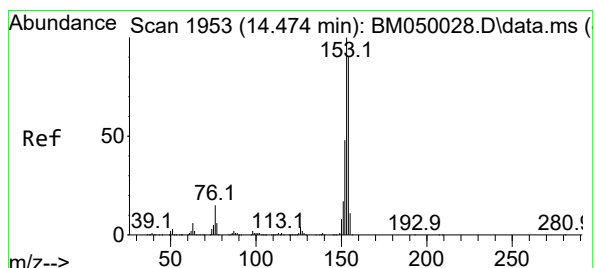
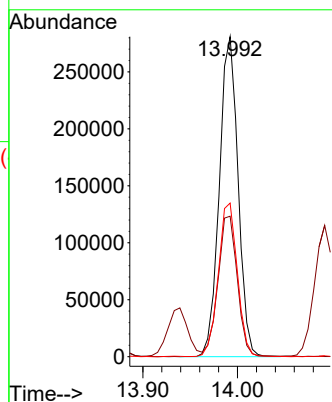
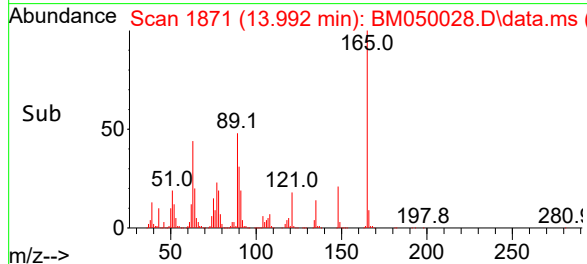
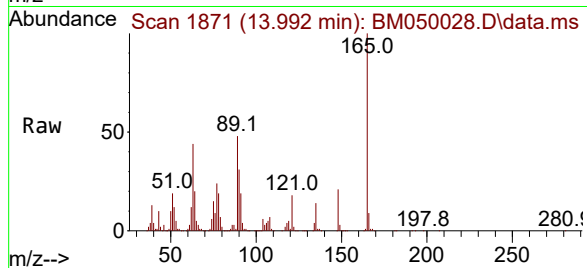




#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

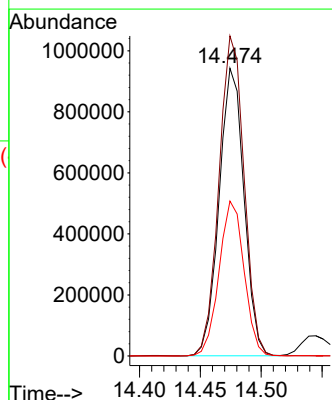
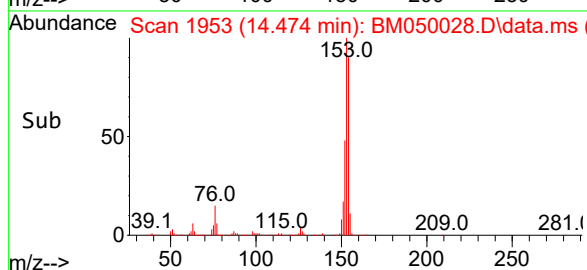
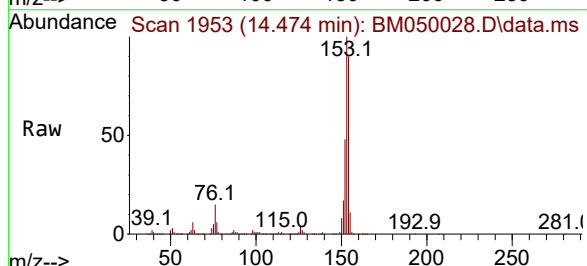
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

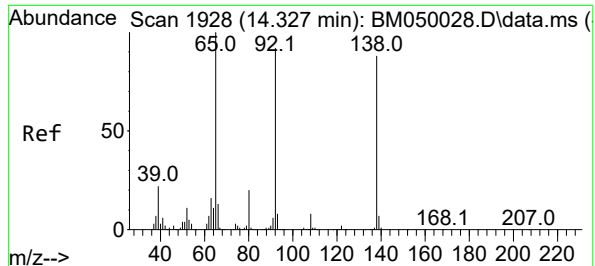
Tgt Ion:165 Resp: 386623
Ion Ratio Lower Upper
165 100
63 43.9 35.1 52.7
89 48.0 38.4 57.6



#52
Acenaphthene
Concen: 42.186 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1340946
Ion Ratio Lower Upper
154 100
153 111.2 89.0 133.4
152 53.8 43.0 64.6

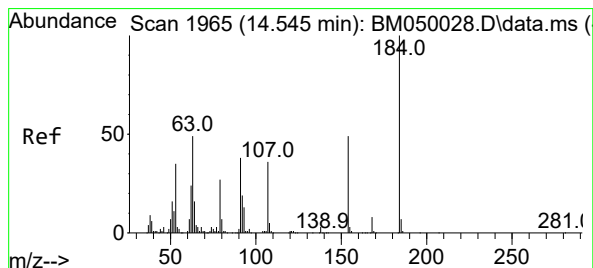
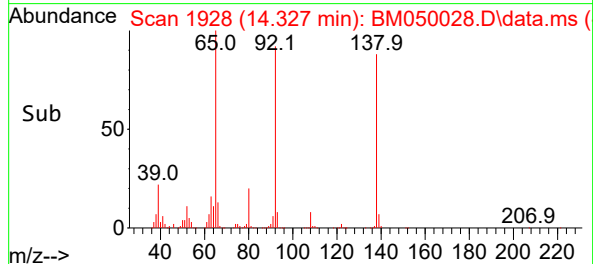
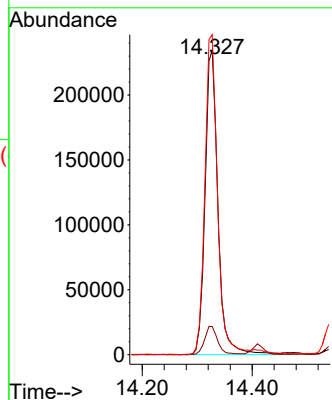
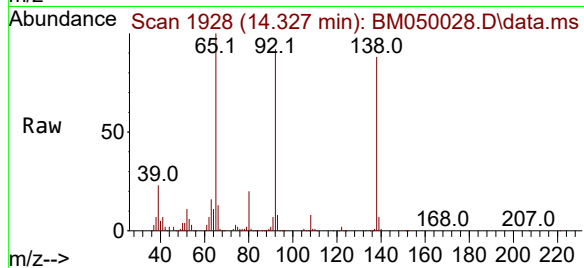




#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

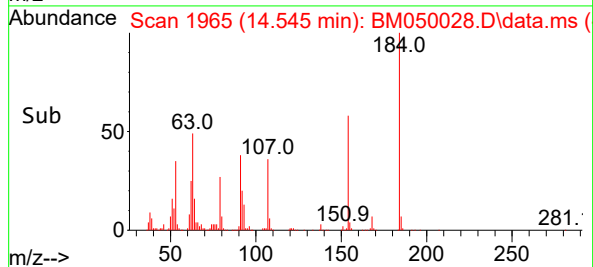
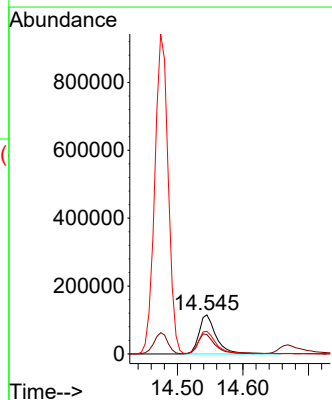
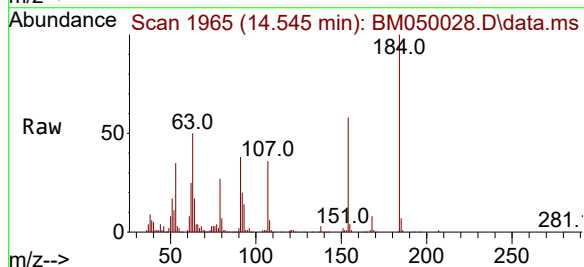
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

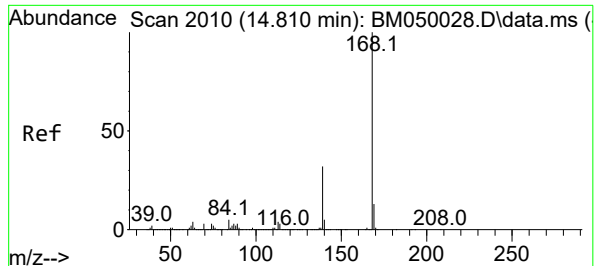
Tgt Ion:138 Resp: 379359
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 105.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 39.788 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:184 Resp: 210115
Ion Ratio Lower Upper
184 100
63 49.7 39.8 59.6
154 57.6 46.1 69.1





#55

Dibenzenofuran

Concen: 41.961 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

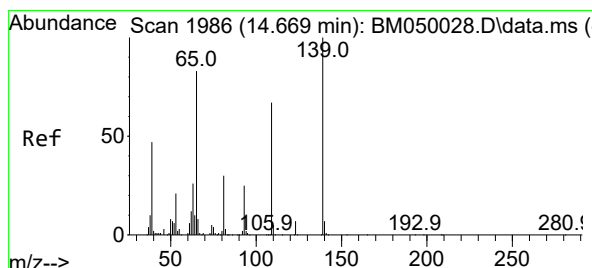
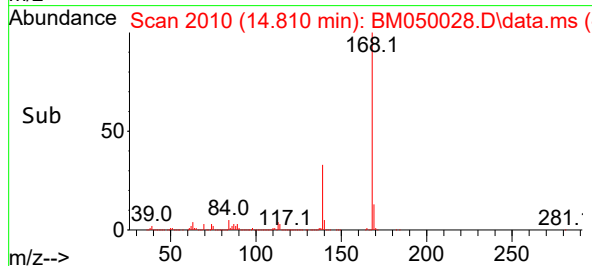
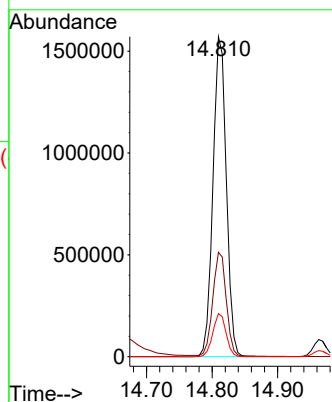
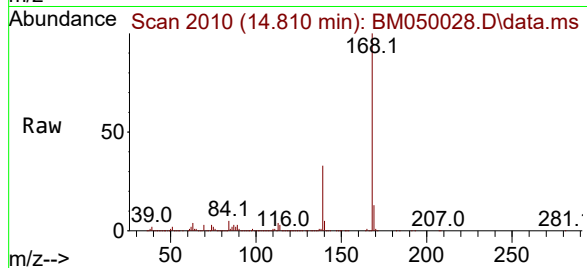
Tgt Ion:168 Resp: 2219206

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 40.483 ng

RT: 14.669 min Scan# 1986

Delta R.T. -0.001 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

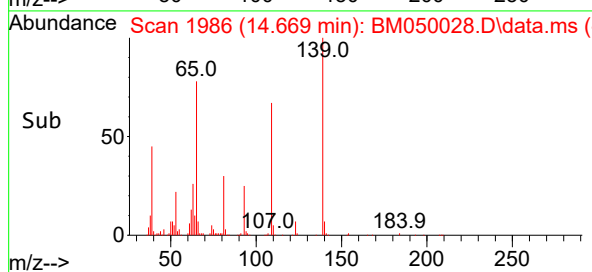
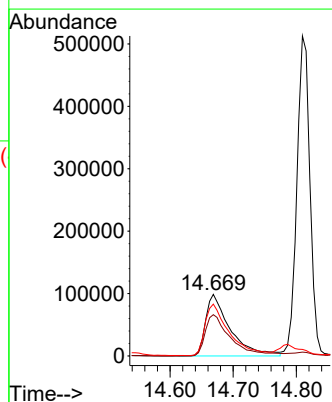
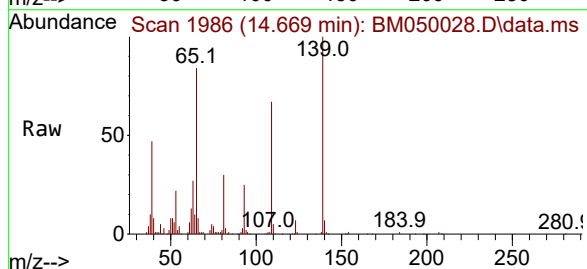
Tgt Ion:139 Resp: 264964

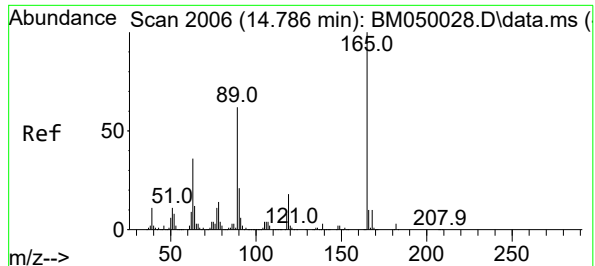
Ion Ratio Lower Upper

139 100

109 67.0 47.0 87.0

65 84.3 64.3 104.3

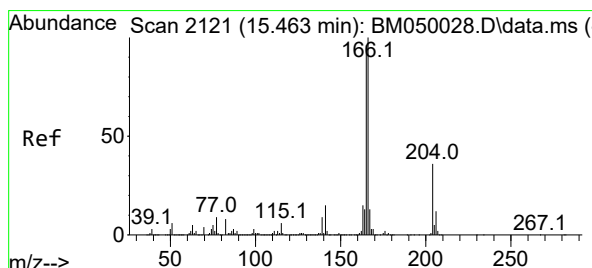
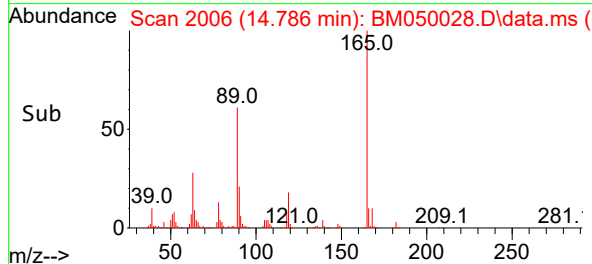
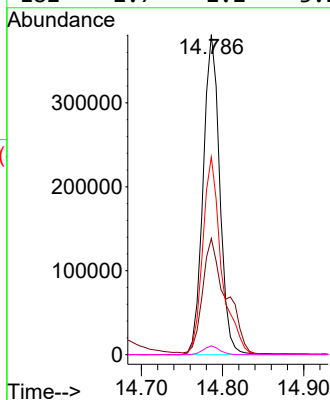
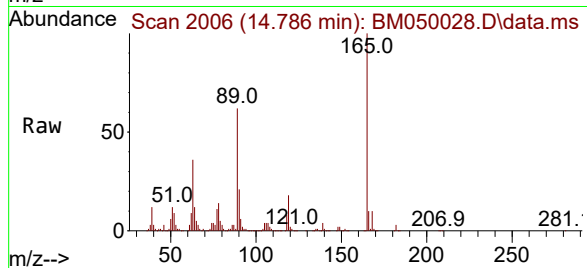




#57
2,4-Dinitrotoluene
Concen: 43.646 ng
RT: 14.786 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

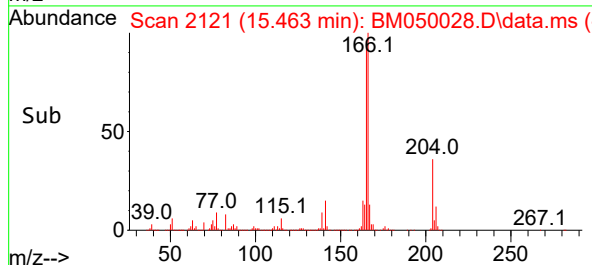
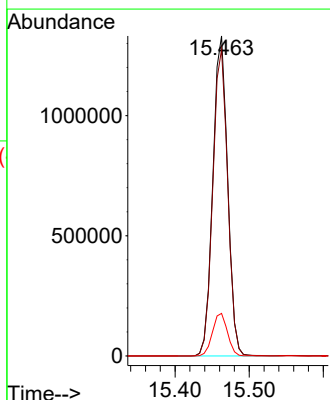
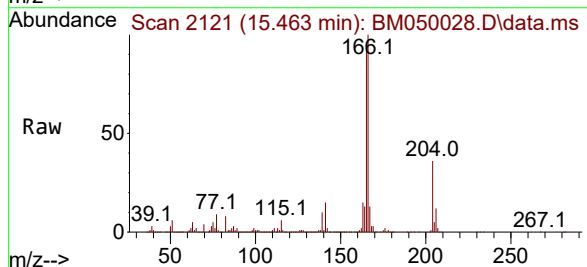
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

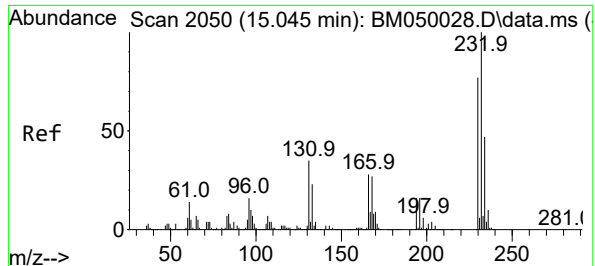
Tgt Ion:165 Resp: 539867
Ion Ratio Lower Upper
165 100
63 36.3 29.0 43.6
89 61.8 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.580 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:166 Resp: 1843261
Ion Ratio Lower Upper
166 100
165 95.8 76.6 115.0
167 13.3 10.6 16.0

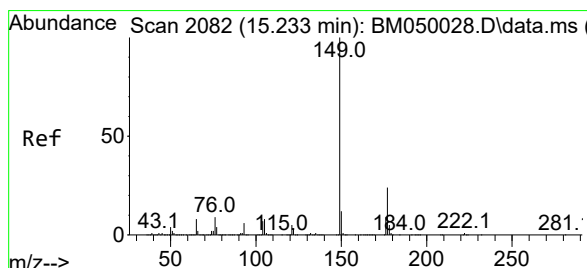
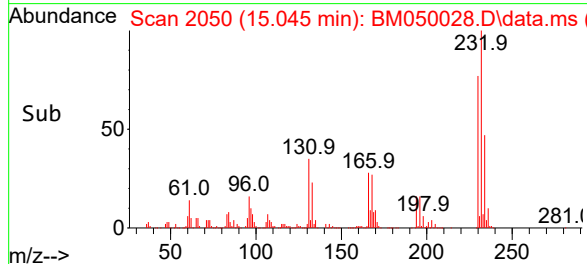
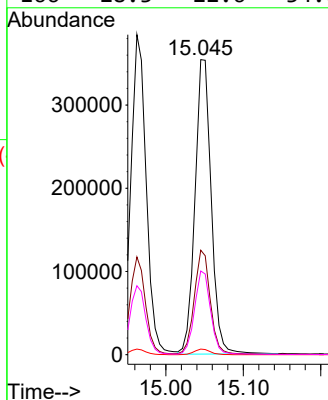
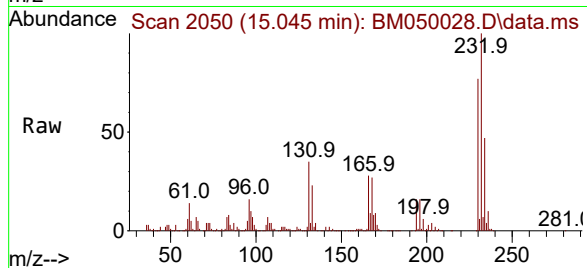




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

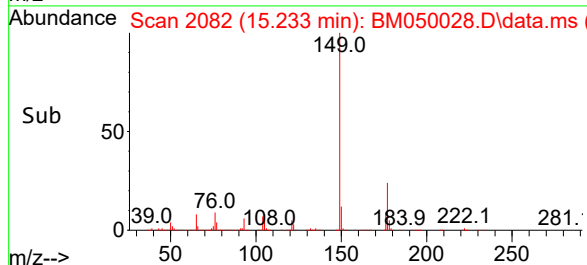
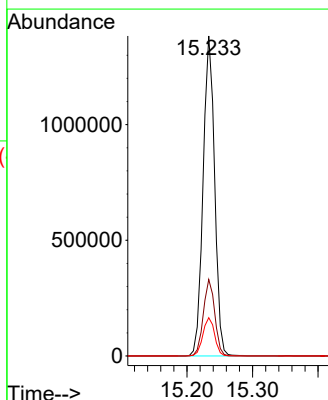
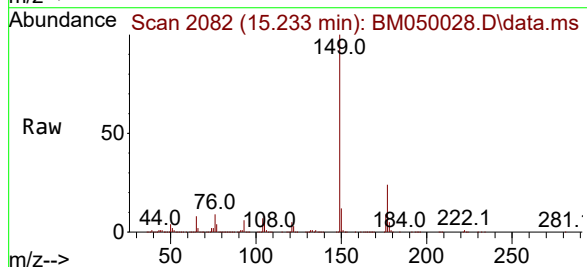
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

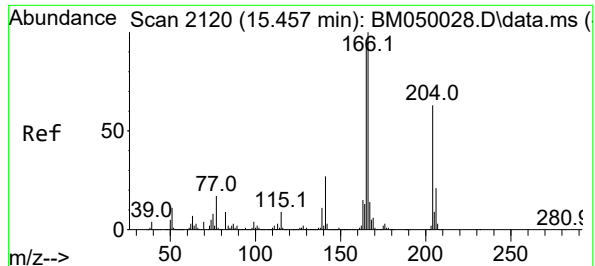
Tgt Ion:232 Resp: 514644
Ion Ratio Lower Upper
232 100
131 35.3 28.2 42.4
130 1.9 1.5 2.3
166 28.3 22.6 34.0



#60
Diethylphthalate
Concen: 41.631 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1696013
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 12.0 9.6 14.4

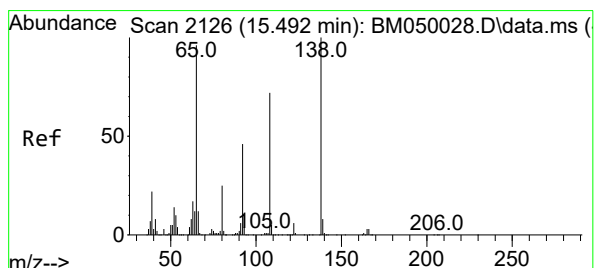
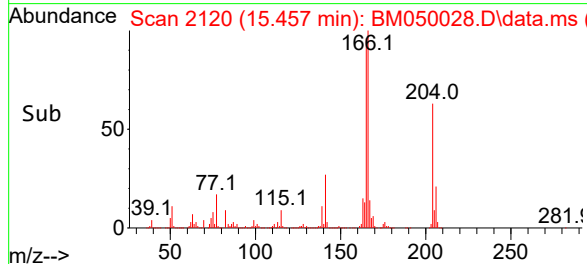
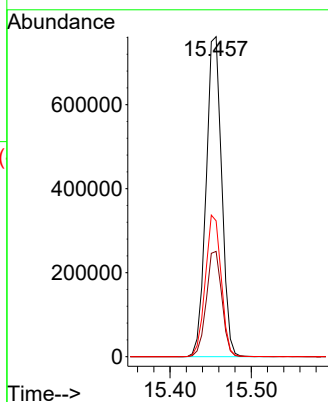
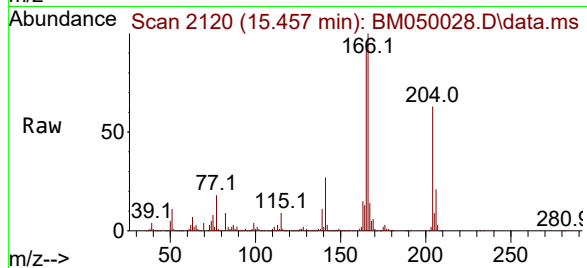




#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

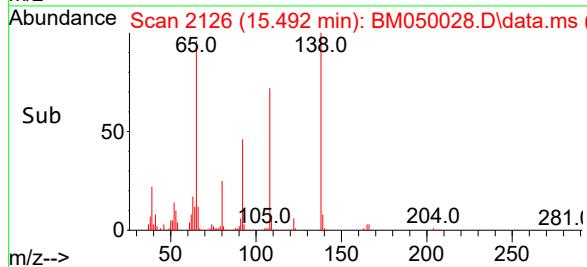
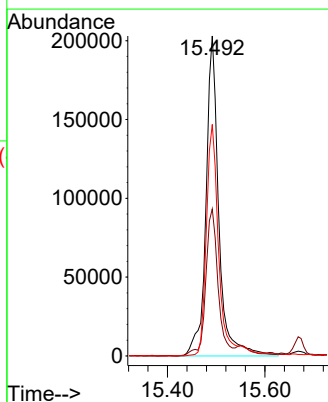
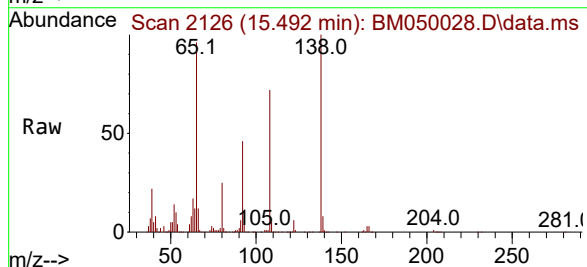
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

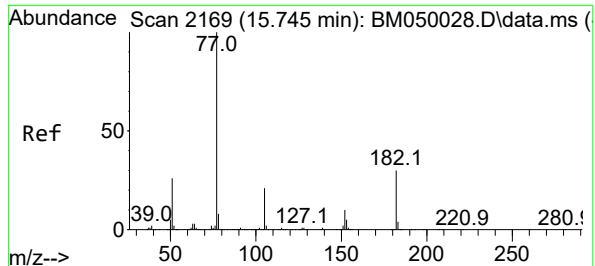
Tgt Ion:204 Resp: 1014134
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 42.5 34.0 51.0



#62
4-Nitroaniline
Concen: 44.949 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:138 Resp: 370884
Ion Ratio Lower Upper
138 100
92 45.9 25.9 65.9
108 72.4 52.4 92.4

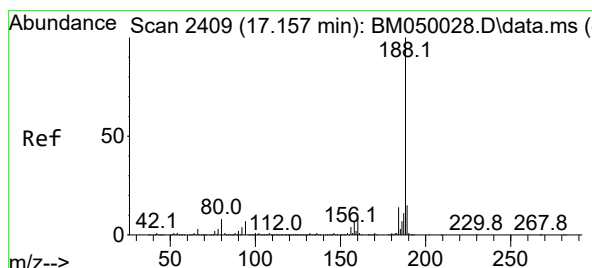
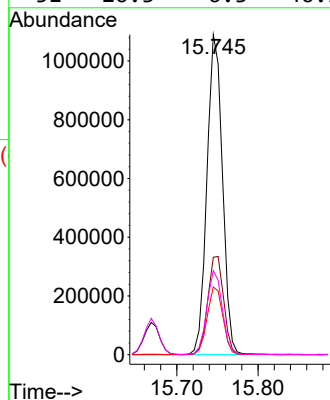
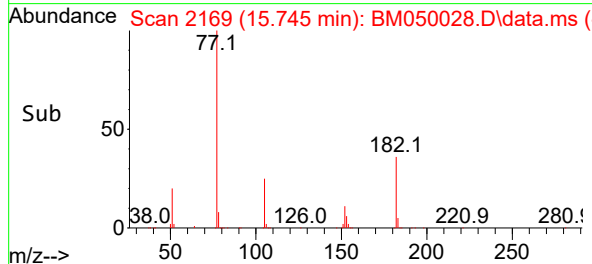
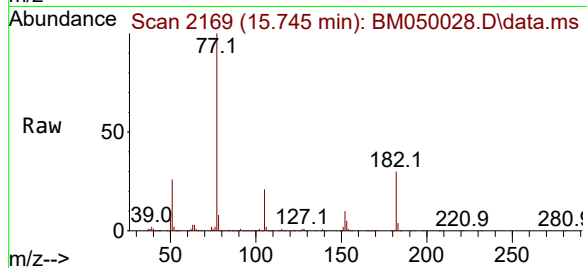




#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

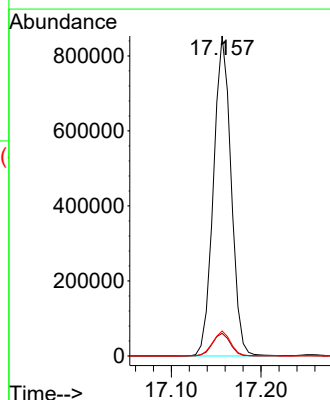
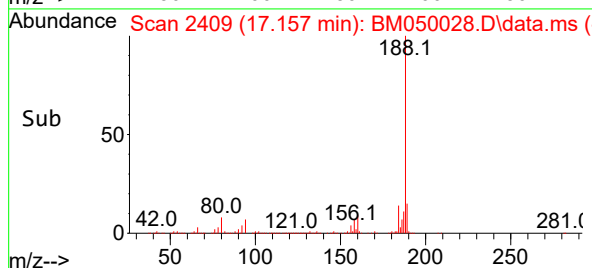
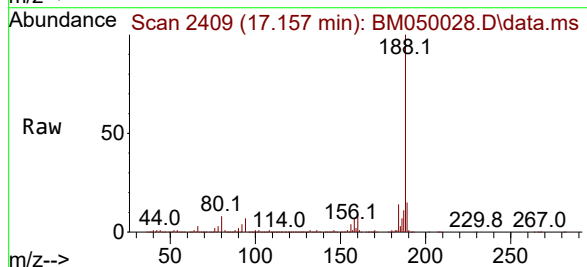
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

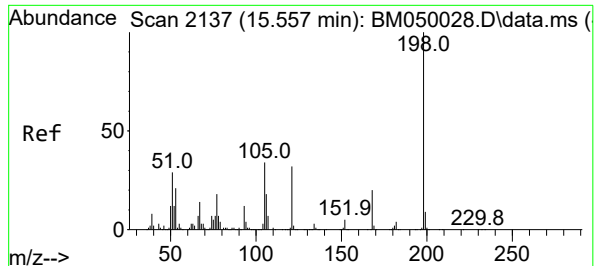
Tgt Ion: 77 Resp: 1439085
Ion Ratio Lower Upper
77 100
182 30.5 10.5 50.5
105 21.1 1.1 41.1
51 26.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 188 Resp: 1163791
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.8 6.2 9.4

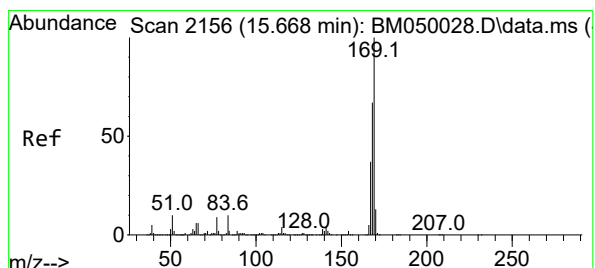
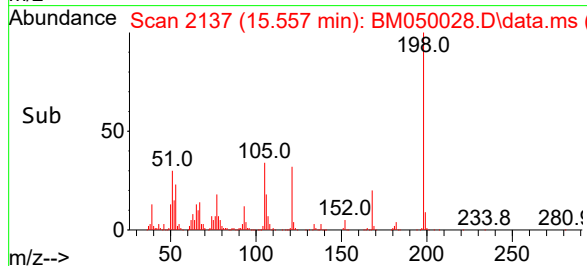
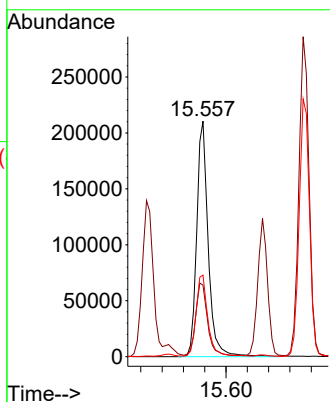
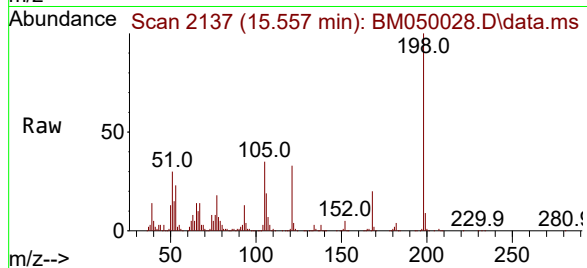




#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

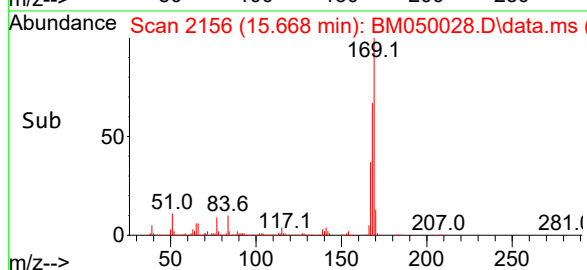
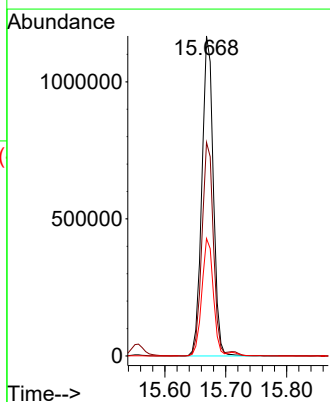
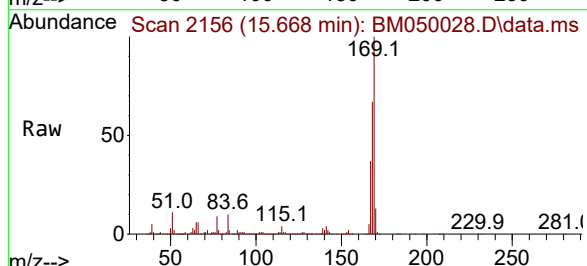
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

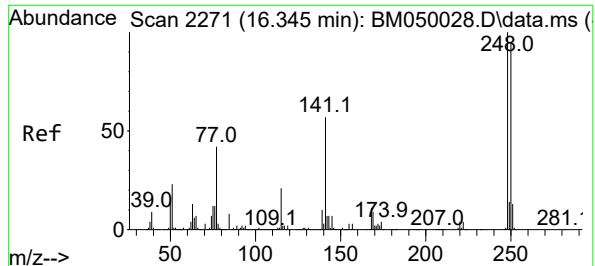
Tgt Ion:198 Resp: 315113
Ion Ratio Lower Upper
198 100
51 30.4 10.4 50.4
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 36.7 29.4 44.0

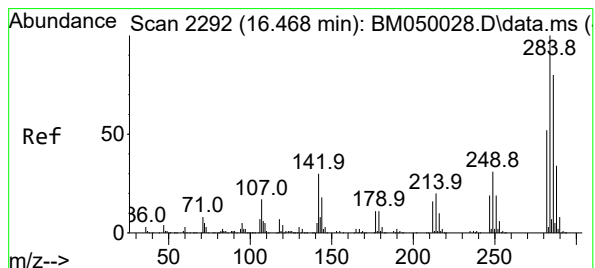
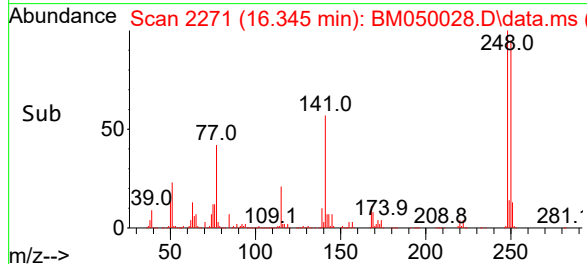
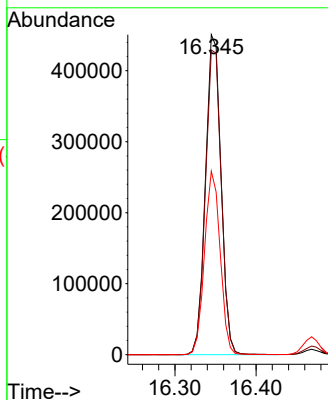
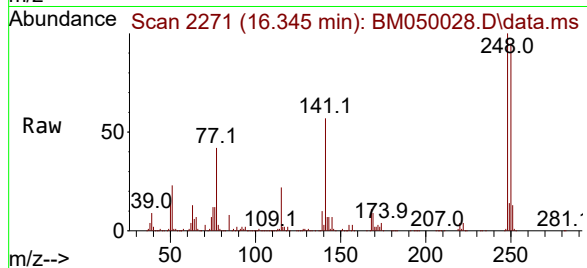




#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

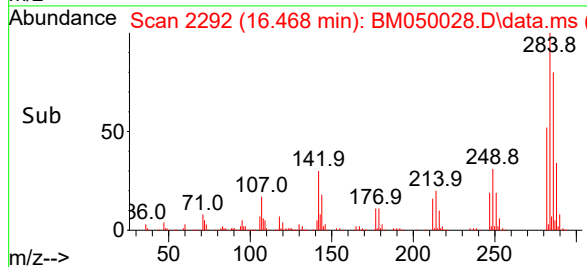
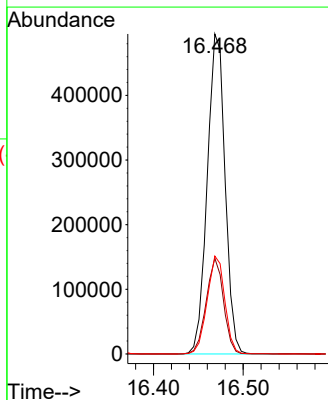
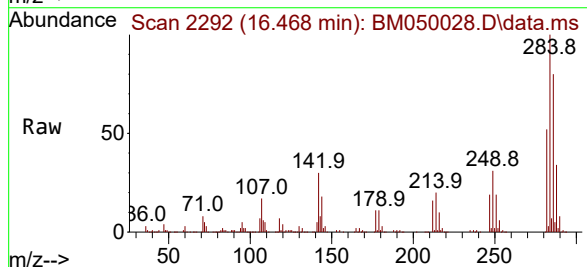
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

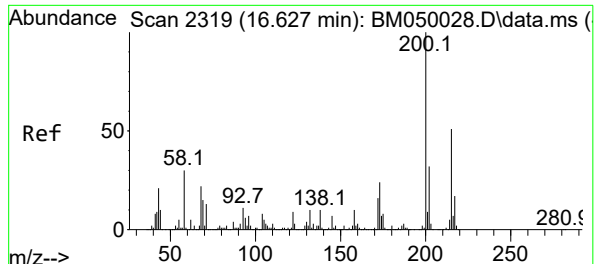
Tgt Ion:248 Resp: 600373
Ion Ratio Lower Upper
248 100
250 95.2 76.2 114.2
141 57.4 45.9 68.9



#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 30.6 24.5 36.7

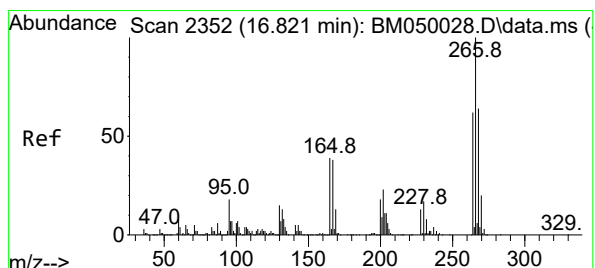
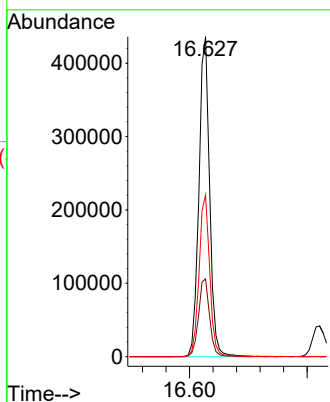
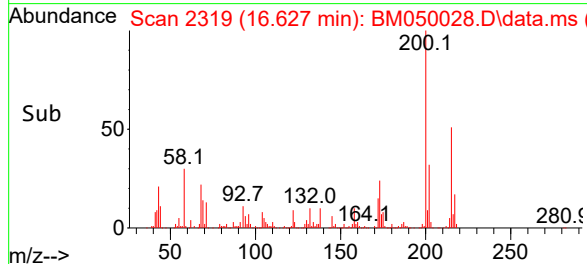
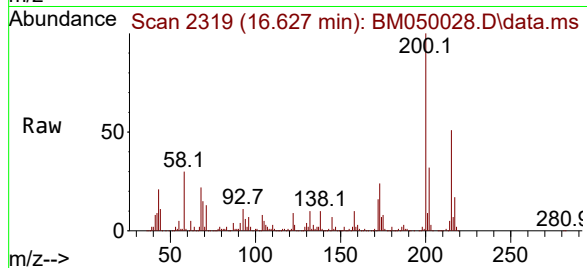




#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

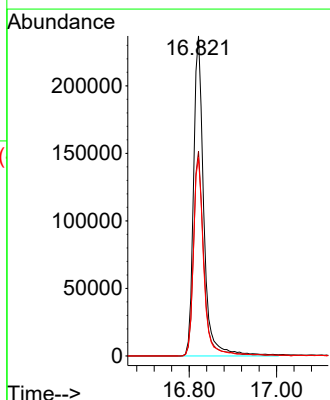
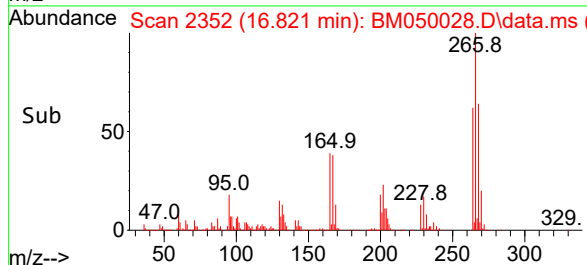
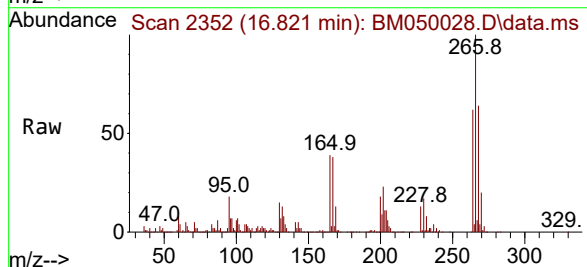
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

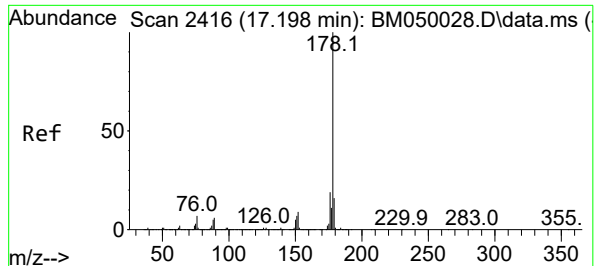
Tgt Ion:200 Resp: 550018
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 50.6 30.6 70.6



#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613
Ion Ratio Lower Upper
266 100
268 64.0 51.2 76.8
264 62.0 49.6 74.4

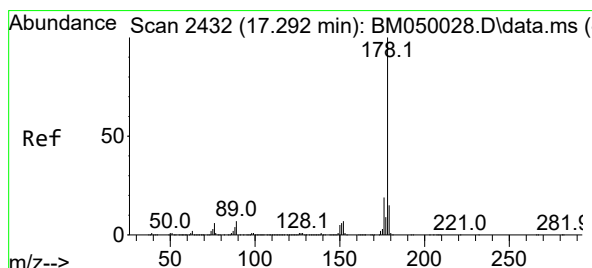
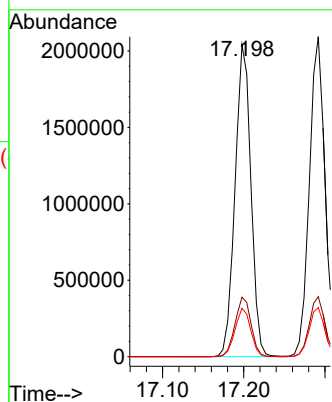
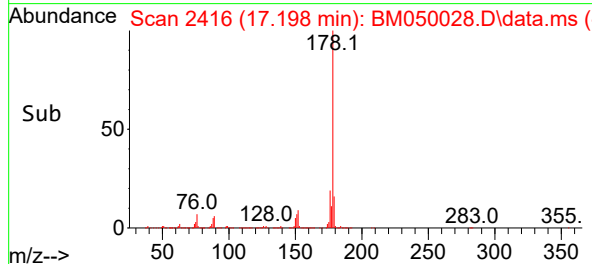
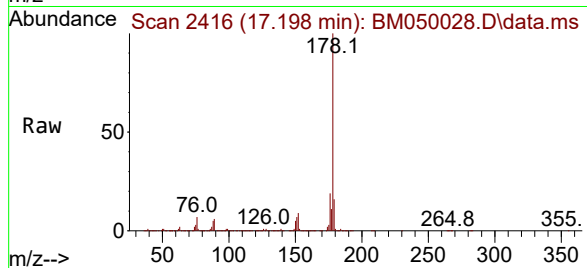




#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

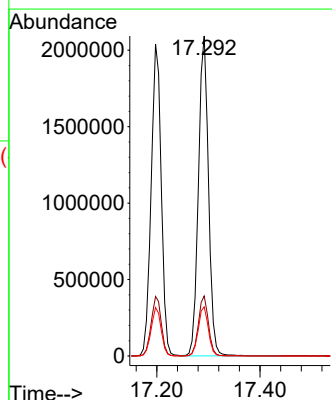
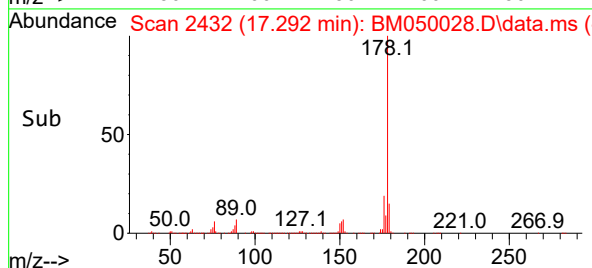
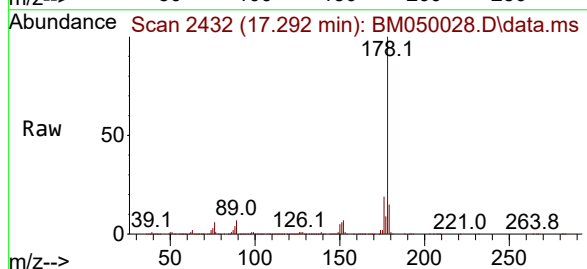
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

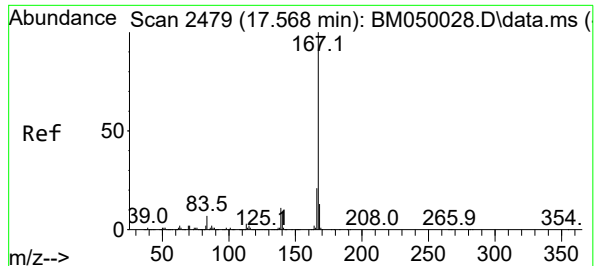
Tgt Ion:178 Resp: 2762249
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4

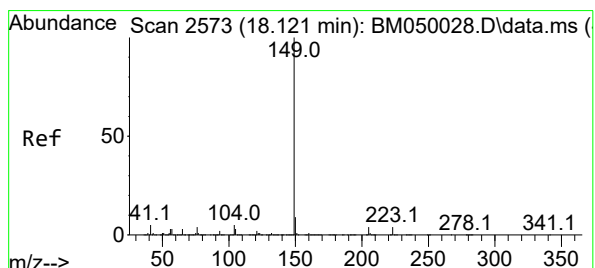
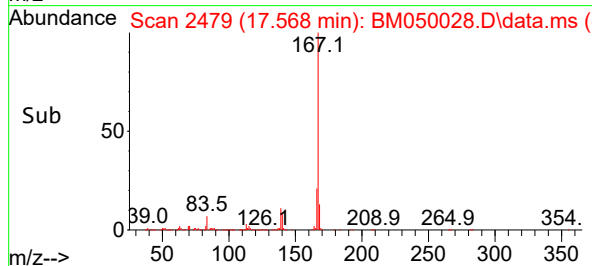
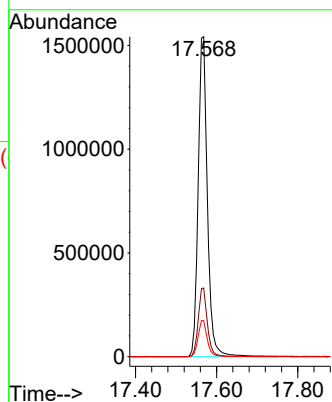
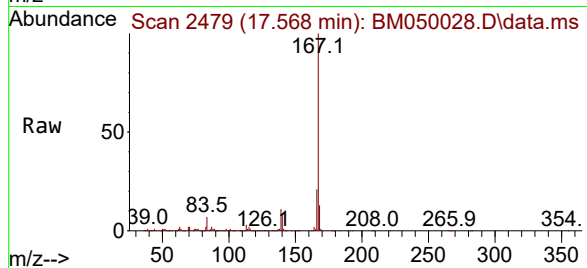




#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

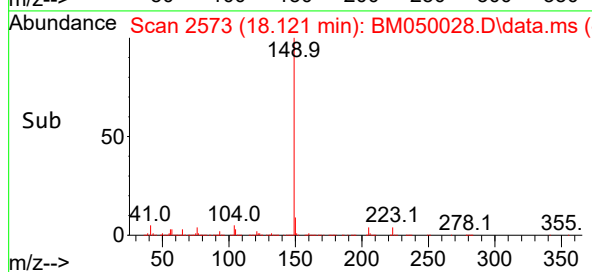
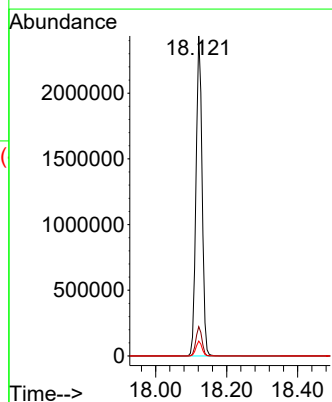
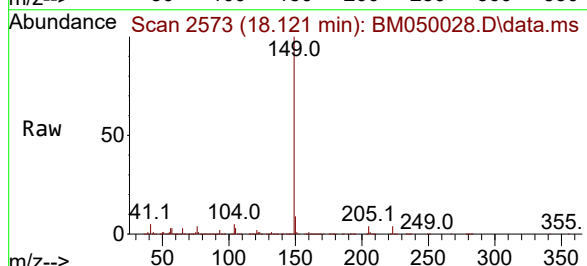
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

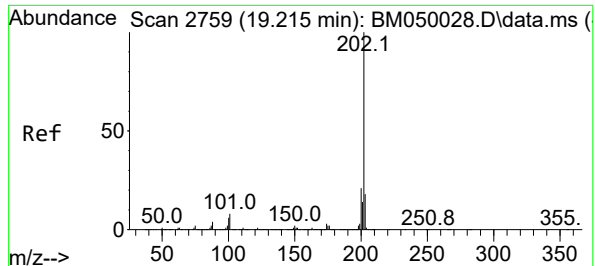
Tgt Ion:167 Resp: 2452474
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.7 3.8 5.6

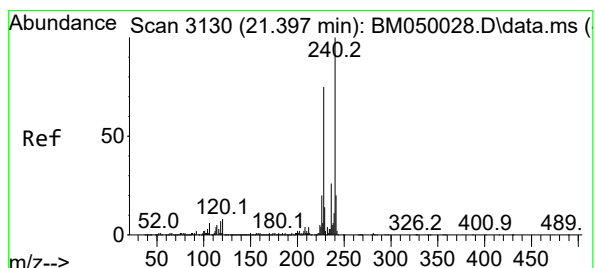
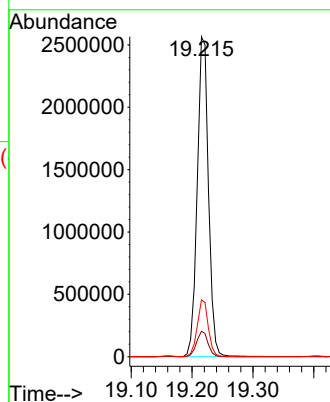
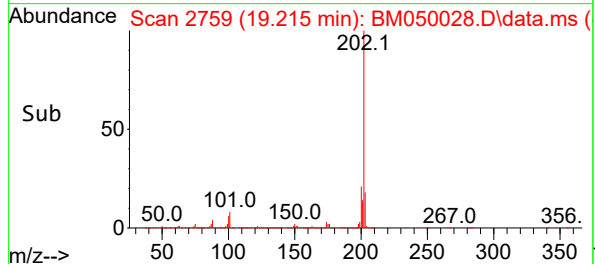
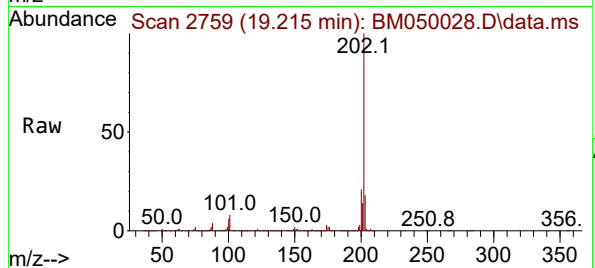




#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

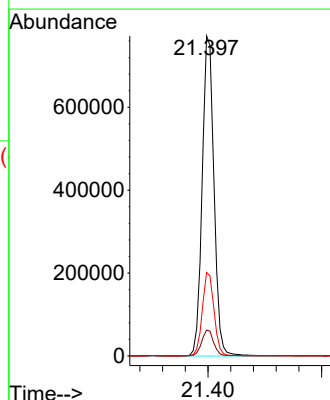
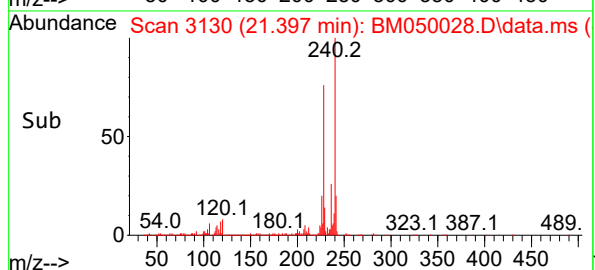
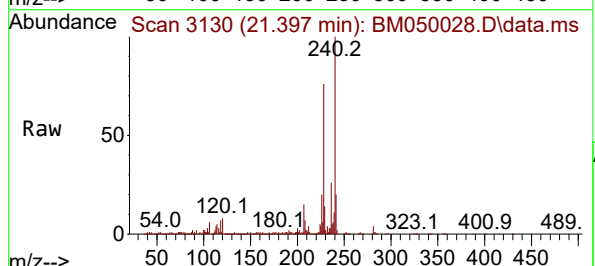
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

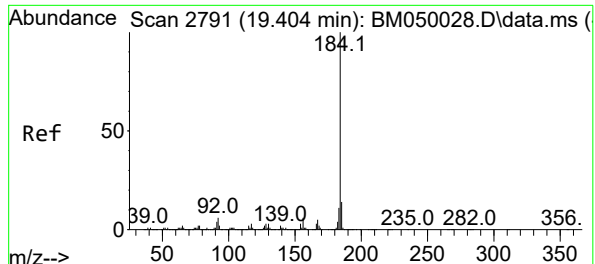
Tgt Ion:202 Resp: 3282789
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 26.1 20.9 31.3

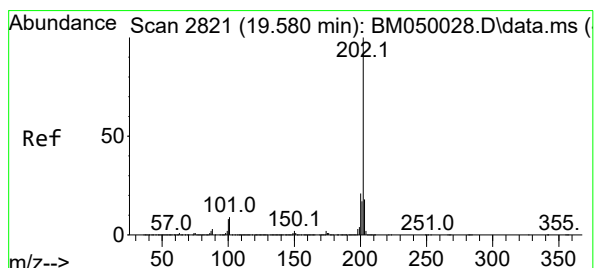
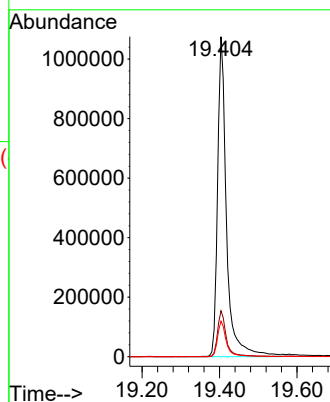
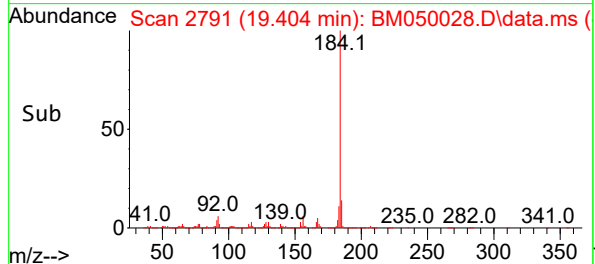
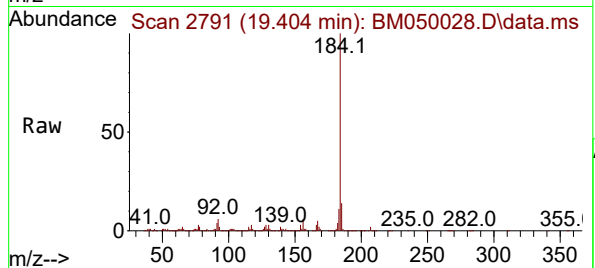




#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

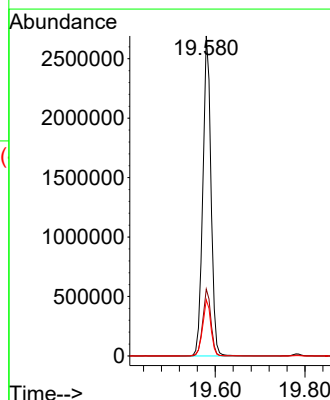
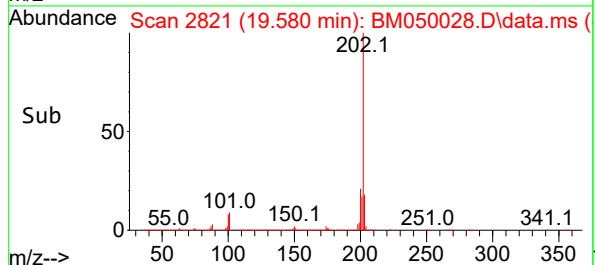
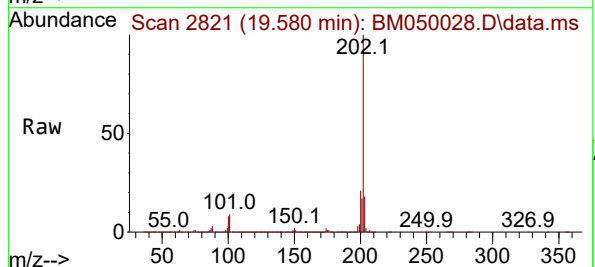
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

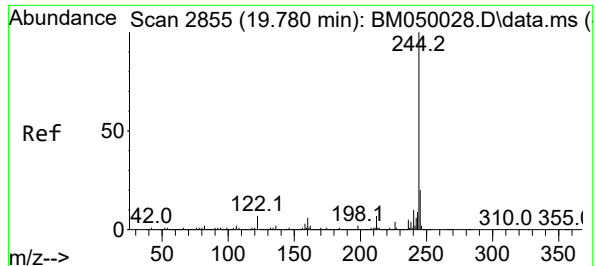
Tgt Ion:184 Resp: 1720168
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.6 14.1 21.1

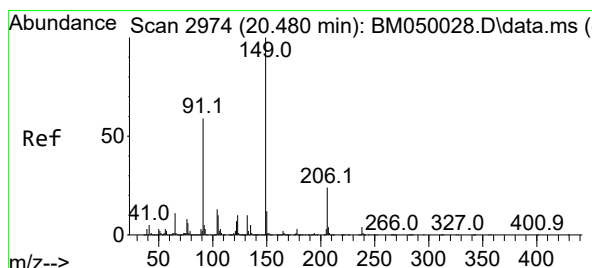
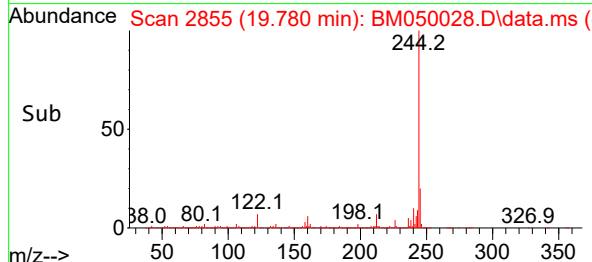
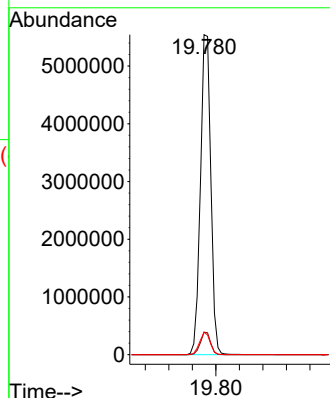
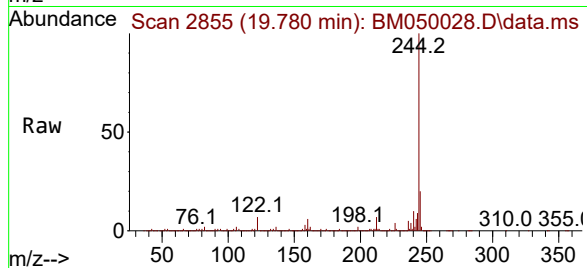




#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

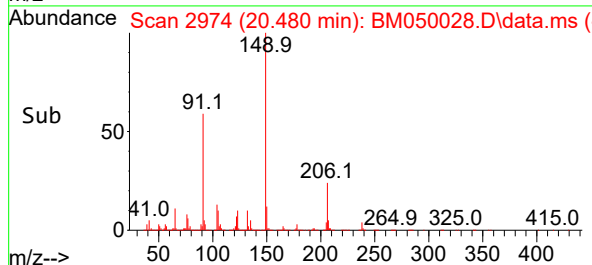
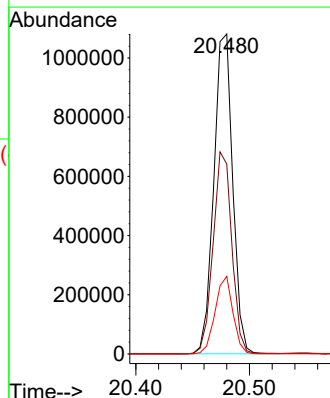
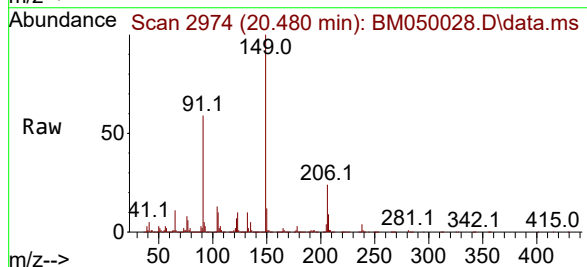
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

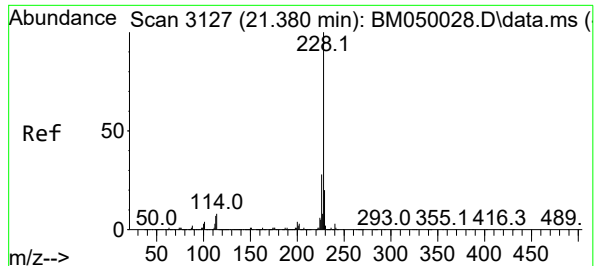
Tgt Ion:244 Resp: 6797031
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950
Ion Ratio Lower Upper
149 100
91 59.3 47.4 71.2
206 24.2 19.4 29.0

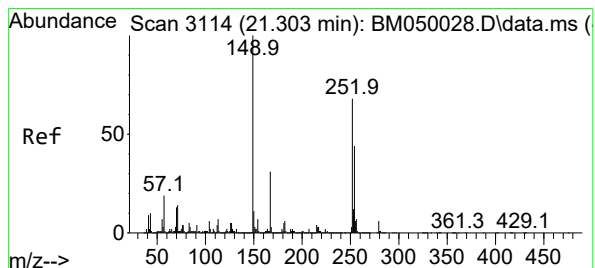
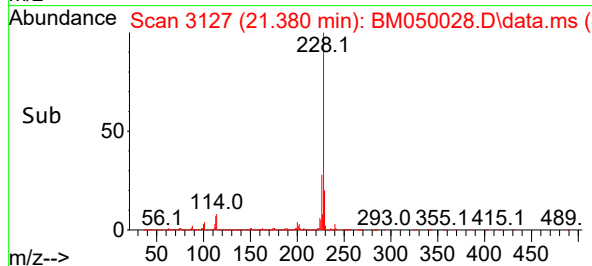
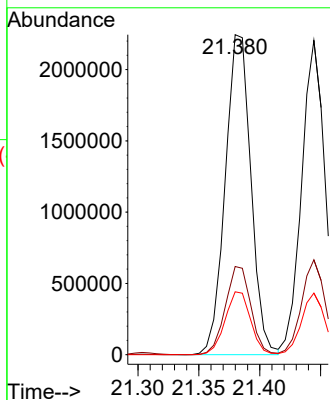
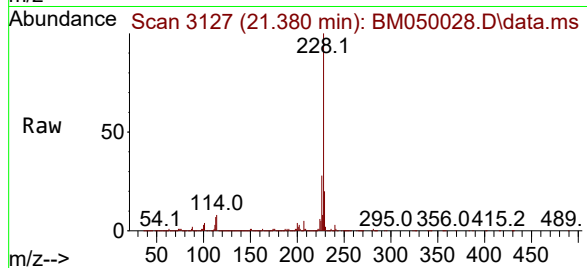




#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

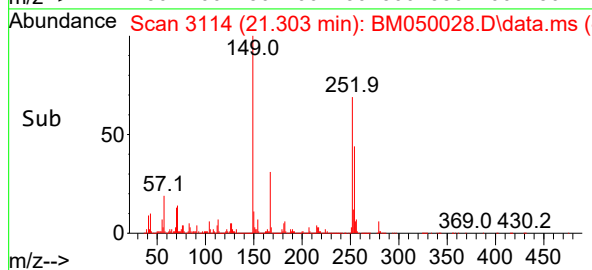
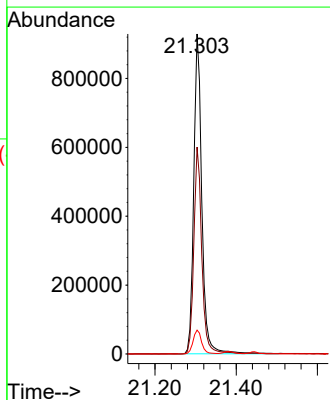
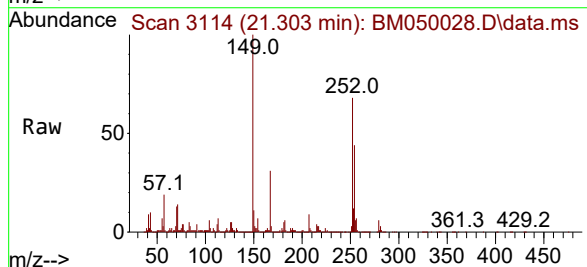
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

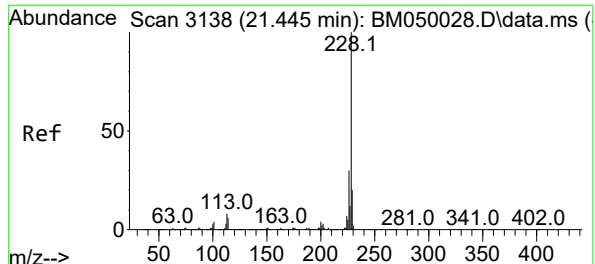
Tgt Ion:228 Resp: 3295625
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 7.5 6.0 9.0

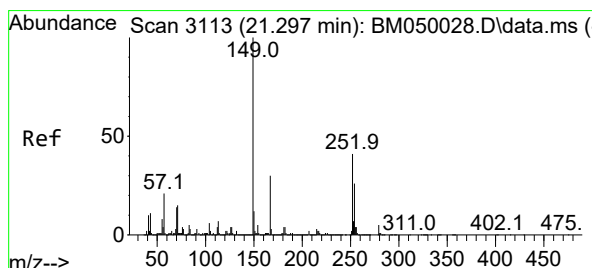
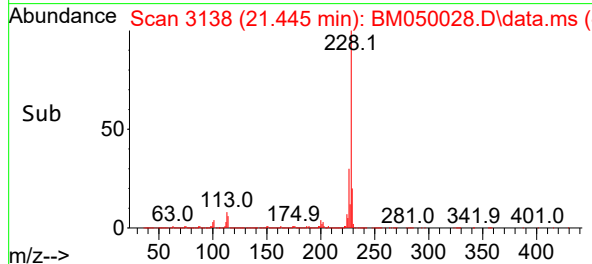
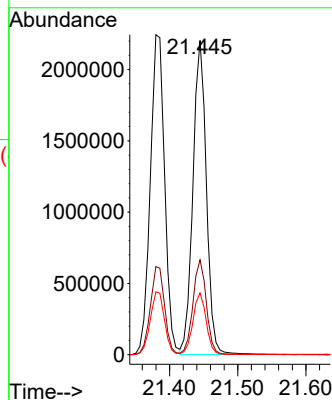
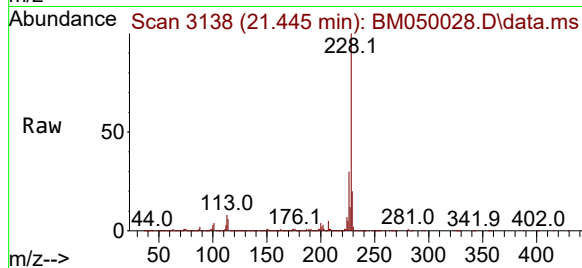




#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

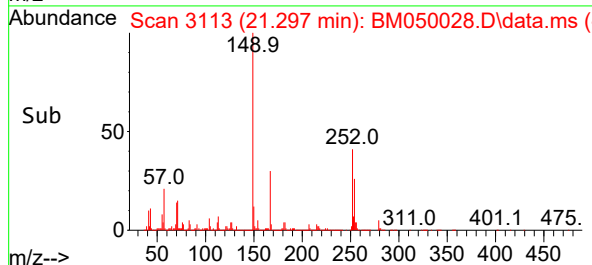
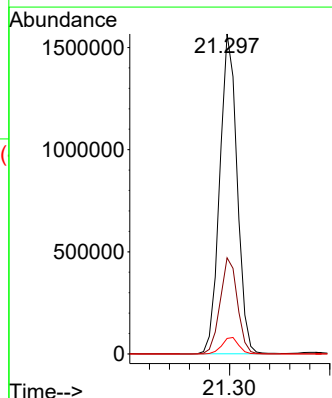
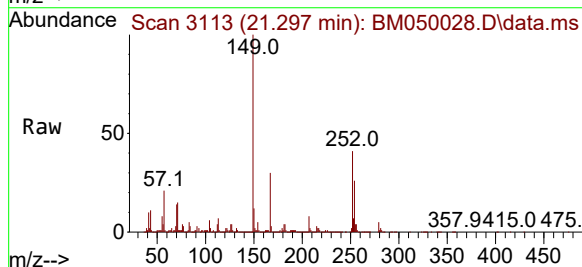
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

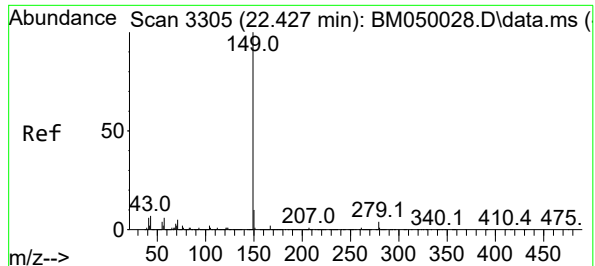
Tgt Ion:228 Resp: 2992790
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368
Ion Ratio Lower Upper
149 100
167 30.1 24.1 36.1
279 4.9 3.9 5.9

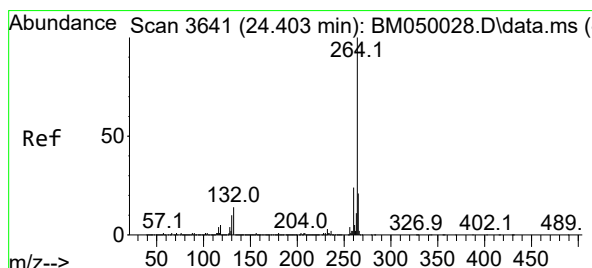
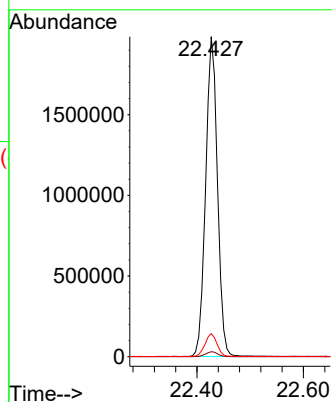
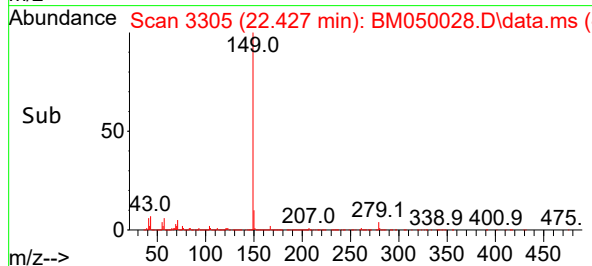
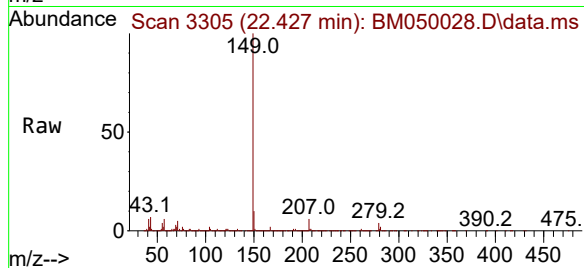




#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3305
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

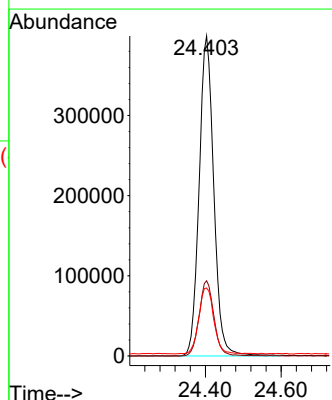
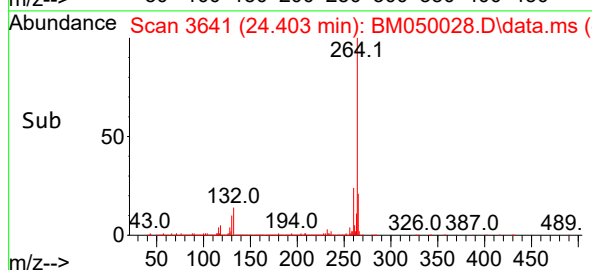
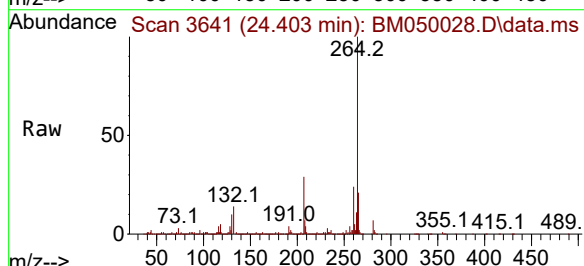
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

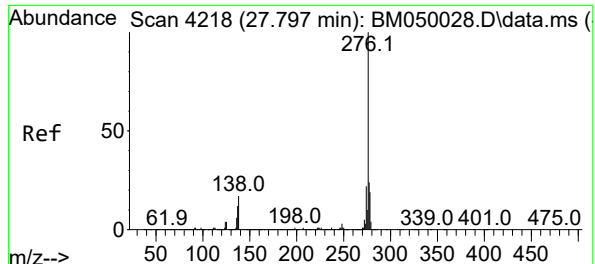
Tgt Ion:149 Resp: 3044578
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.3 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.2 17.0 25.4

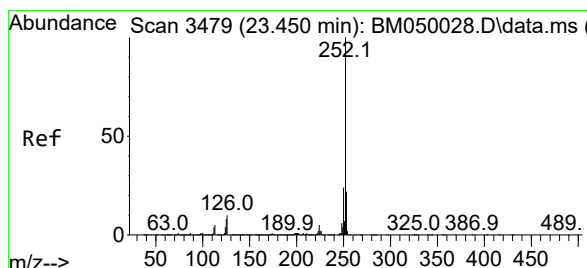
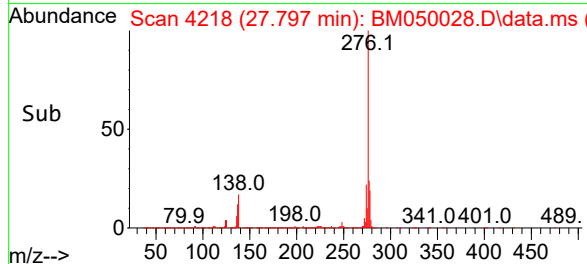
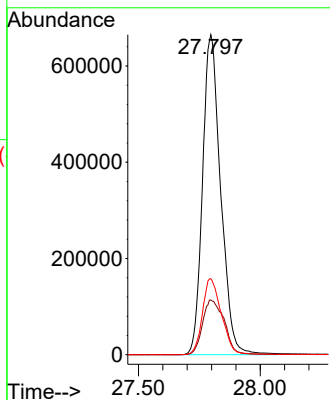
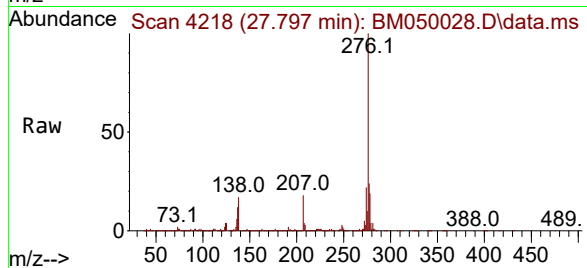




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

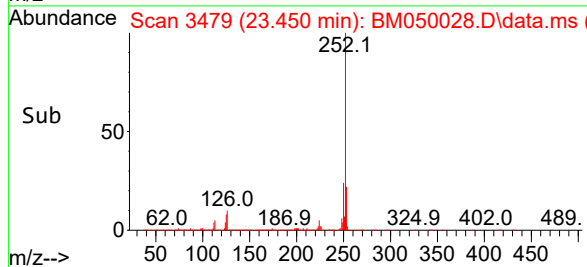
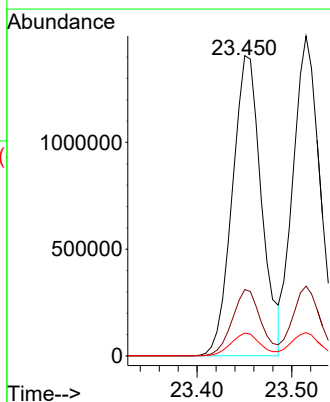
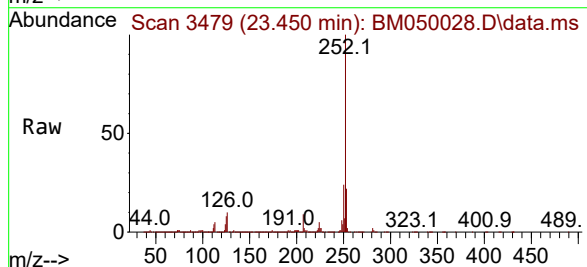
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

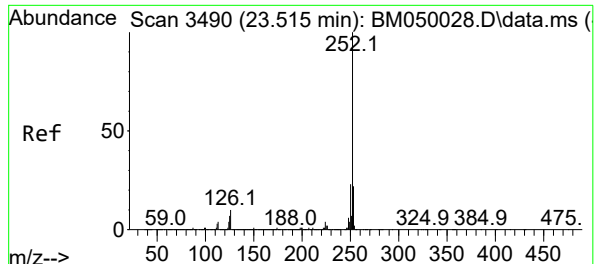
Tgt Ion:276 Resp: 3435665
Ion Ratio Lower Upper
276 100
138 20.5 16.4 24.6
277 24.8 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 7.6 6.1 9.1

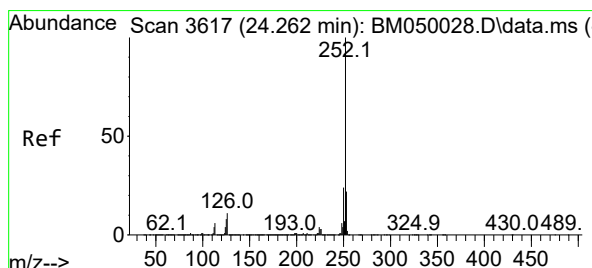
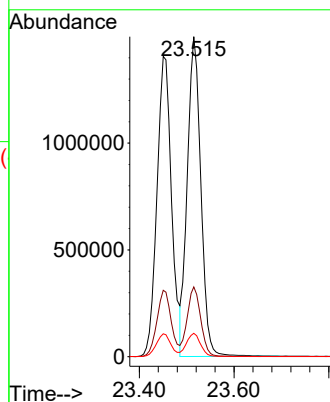
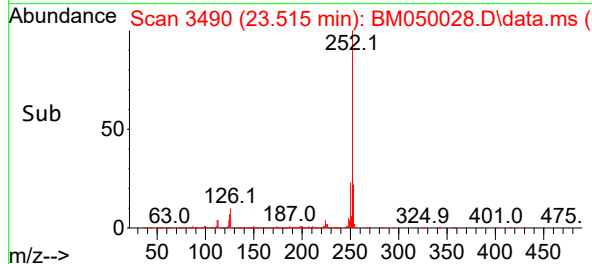
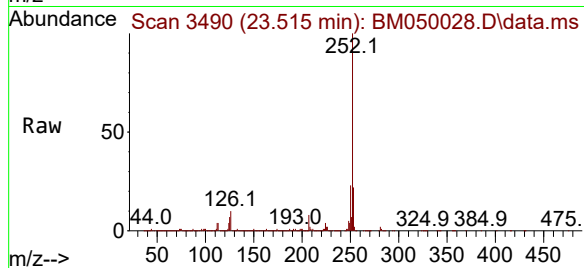




#89
Benzo(k)fluoranthene
Concen: 42.155 ng
RT: 23.515 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

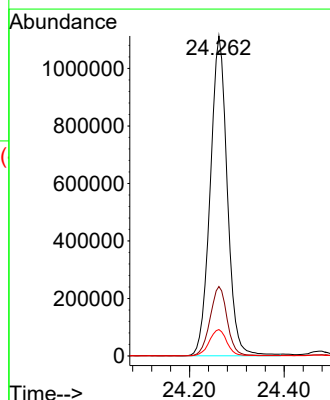
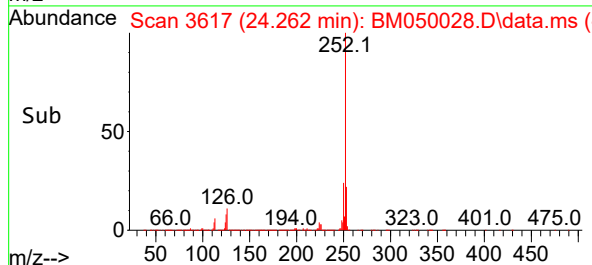
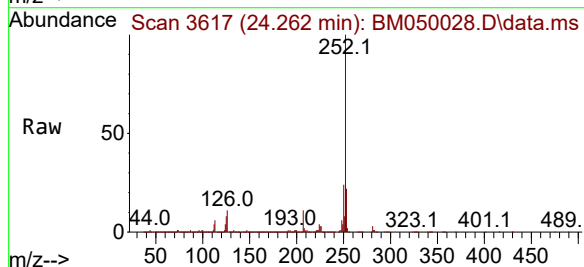
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

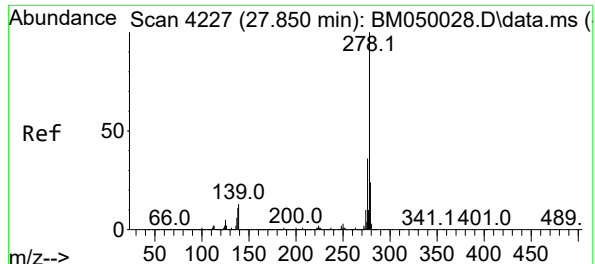
Tgt Ion:252 Resp: 2974903
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.3 5.8 8.8



#90
Benzo(a)pyrene
Concen: 42.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 2777683
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.2 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 42.796 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

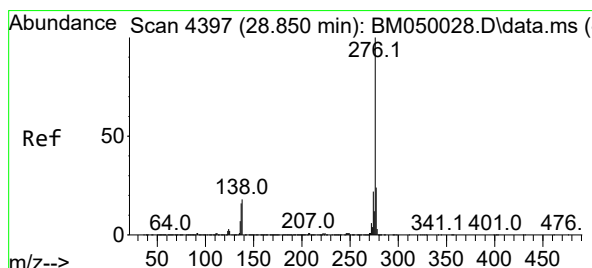
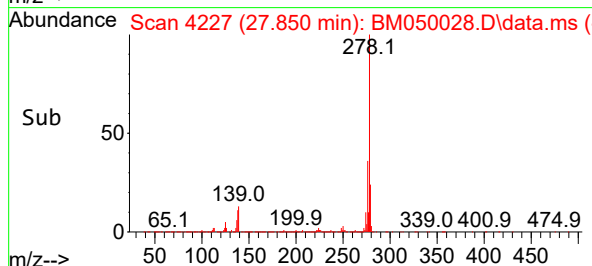
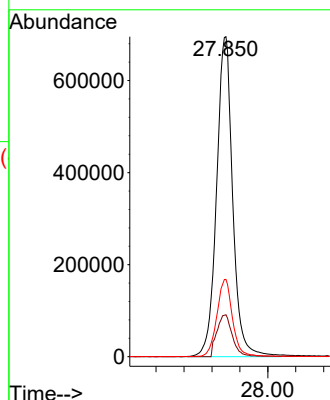
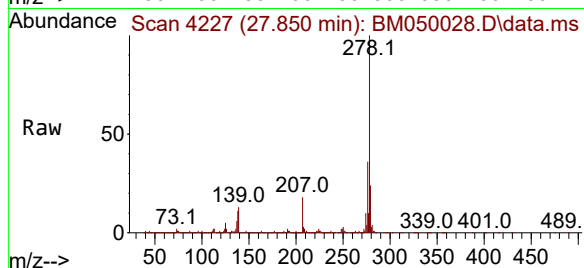
Tgt Ion:278 Resp: 2787948

Ion Ratio Lower Upper

278 100

139 13.1 10.5 15.7

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 42.508 ng

RT: 28.850 min Scan# 4397

Delta R.T. 0.000 min

Lab File: BM050028.D

Acq: 28 Apr 2025 15:06

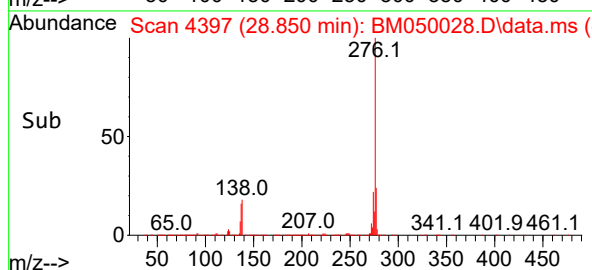
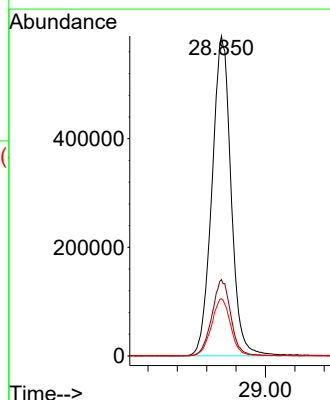
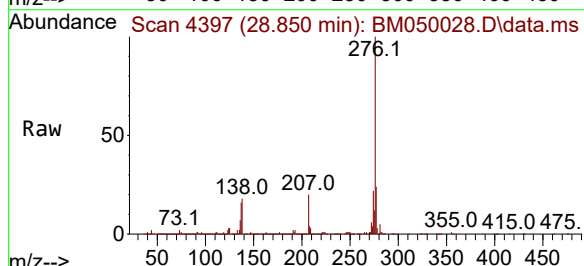
Tgt Ion:276 Resp: 2651145

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050029.D
 Acq On : 28 Apr 2025 15:45
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 28 17:57:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

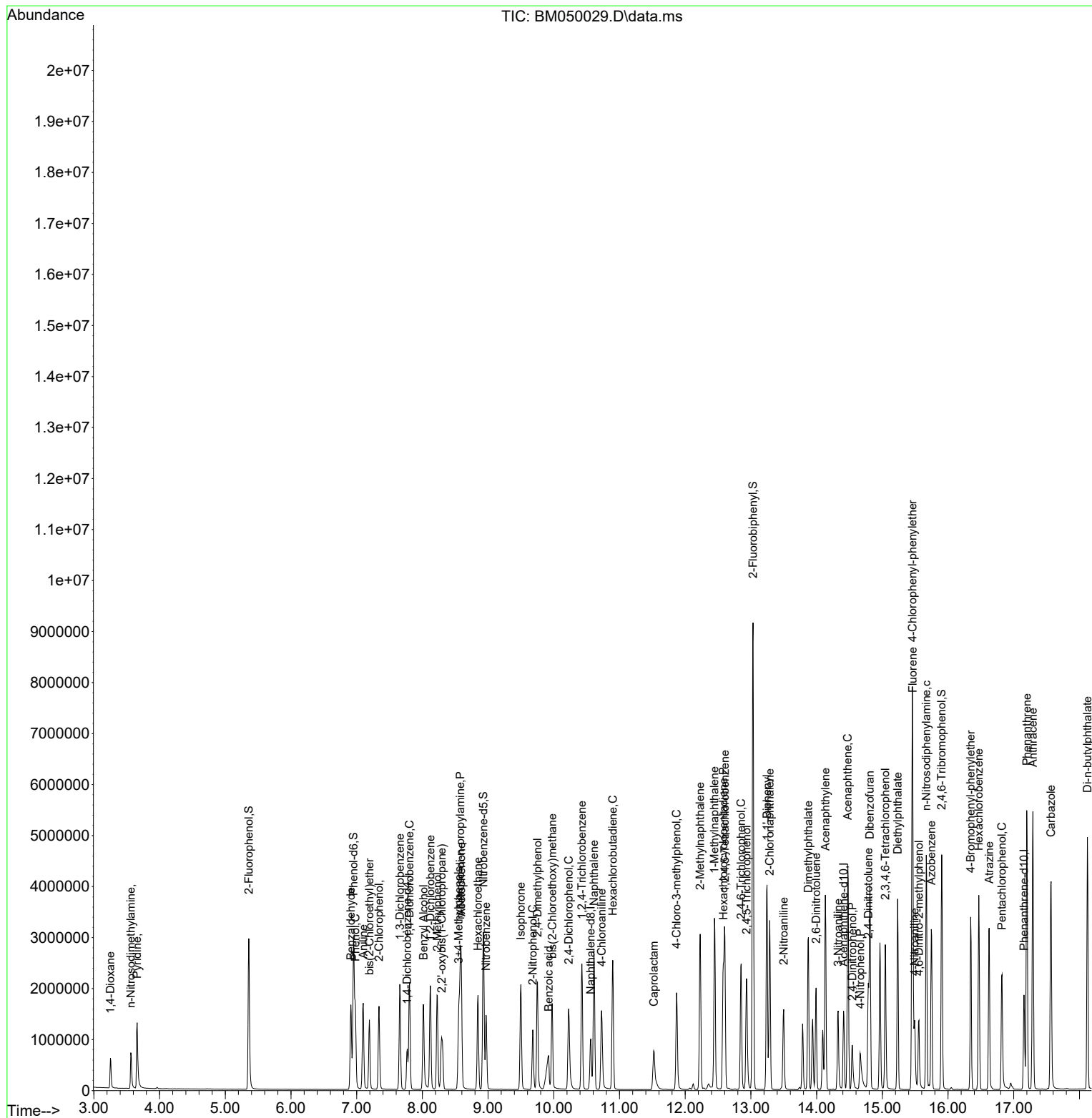
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

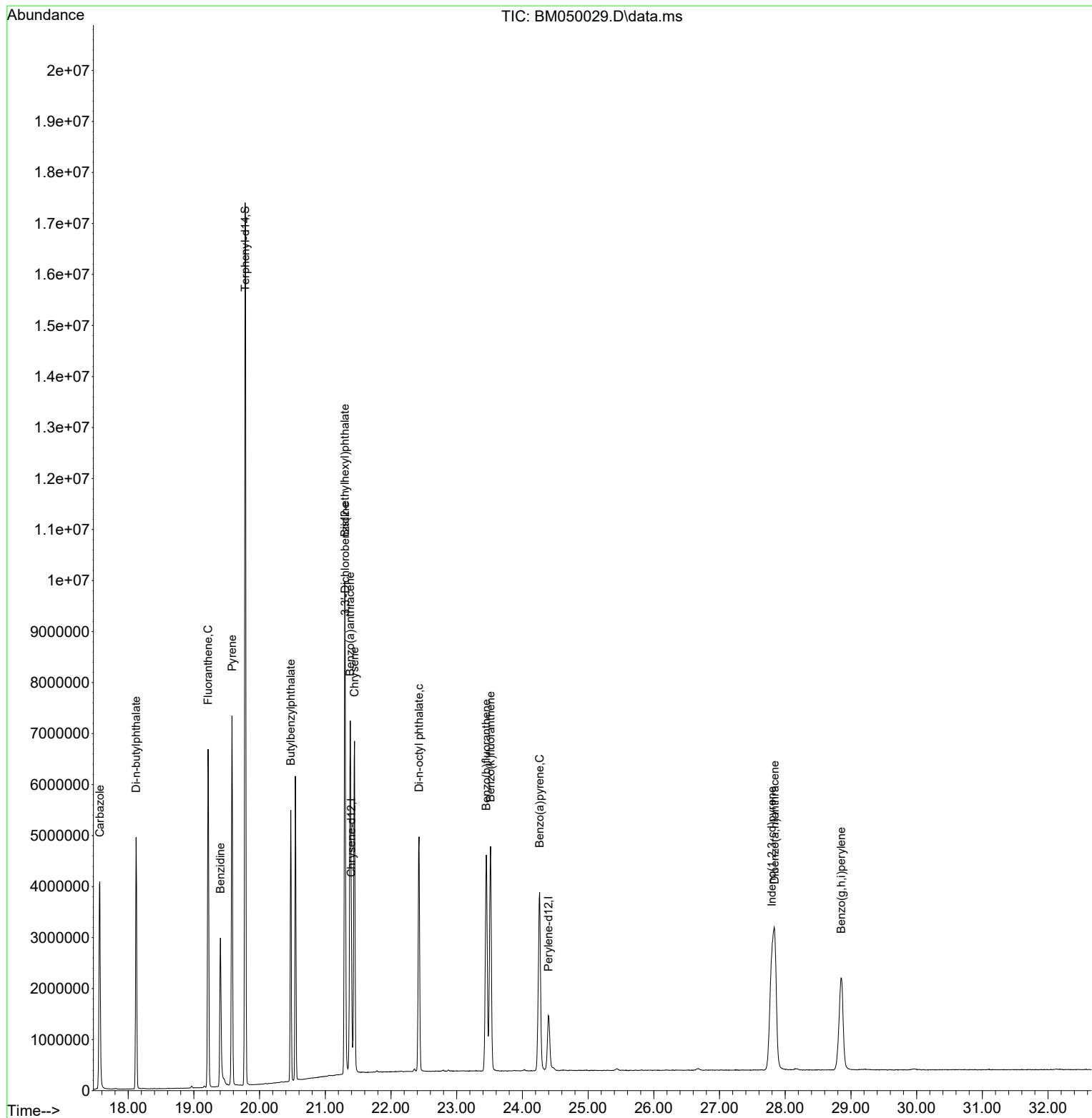
Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

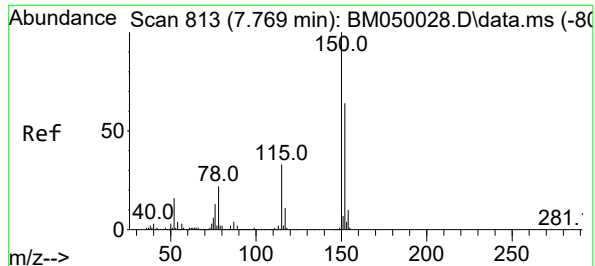


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

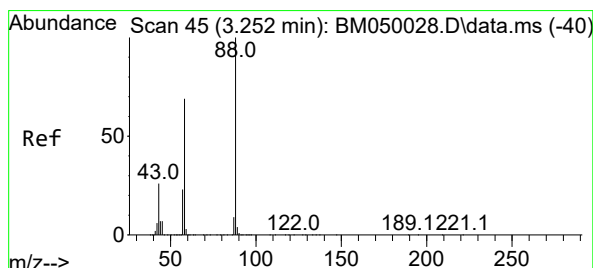
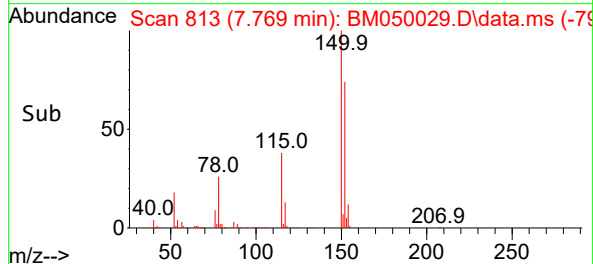
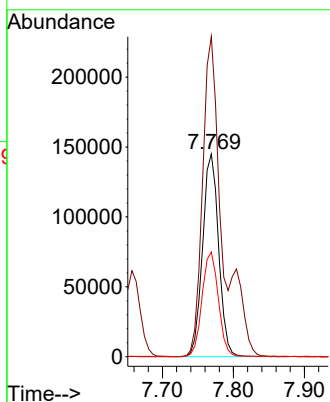
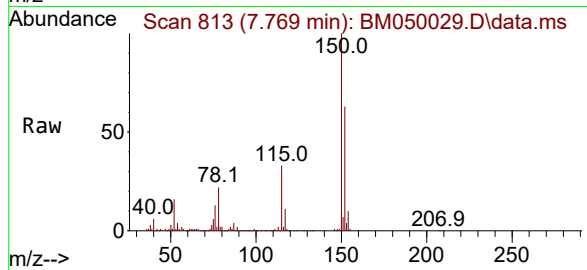




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

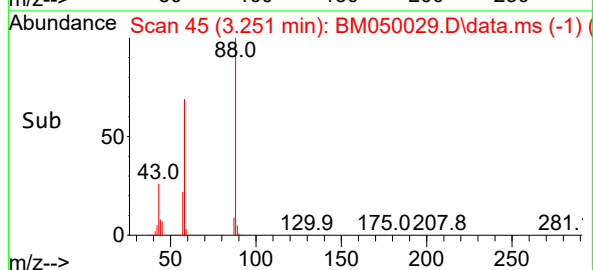
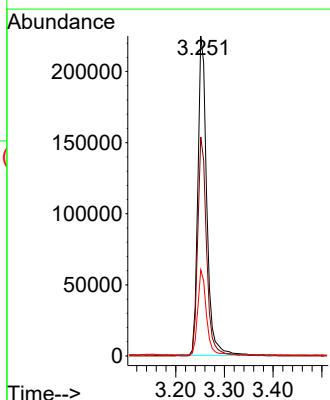
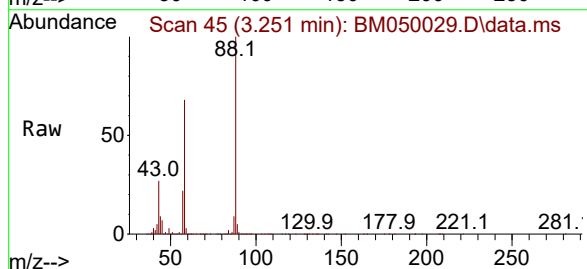
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

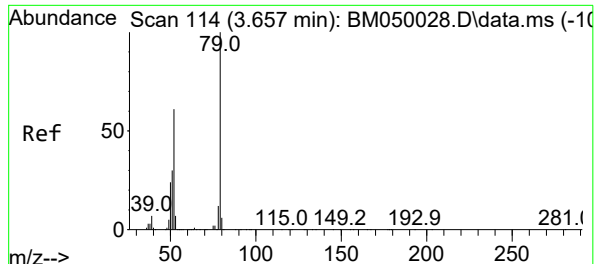
Tgt Ion:152 Resp: 228207
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 51.6 41.2 61.8



#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618
Ion Ratio Lower Upper
88 100
58 68.7 55.1 82.7
43 26.0 20.9 31.3

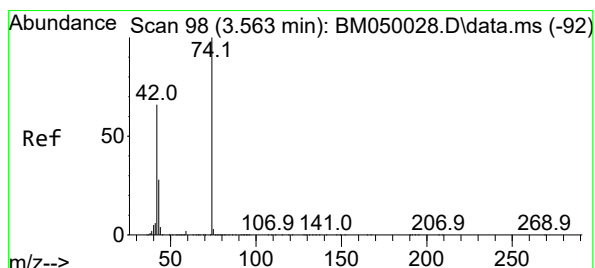
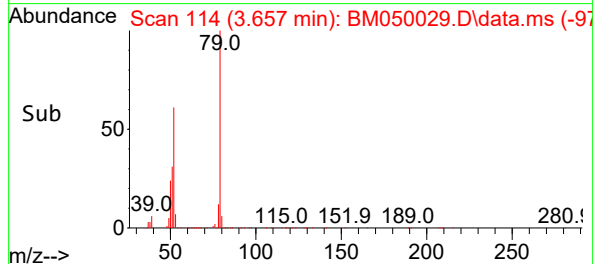
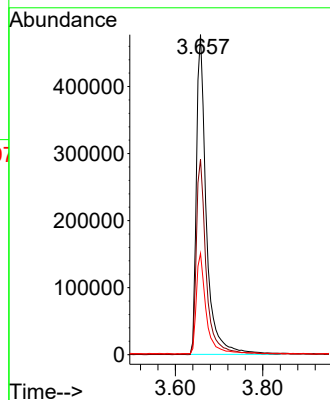
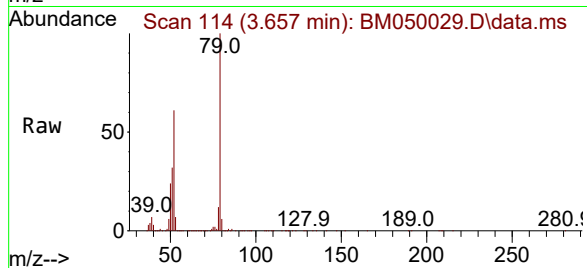




#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

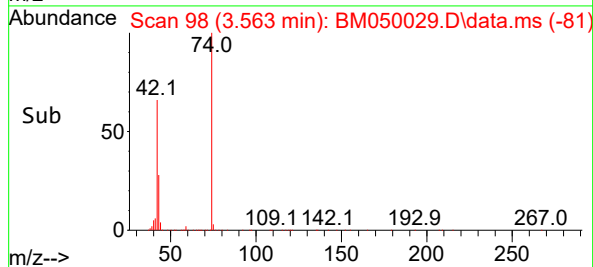
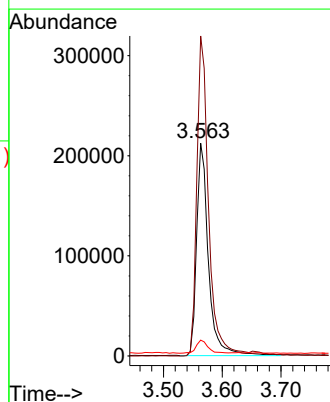
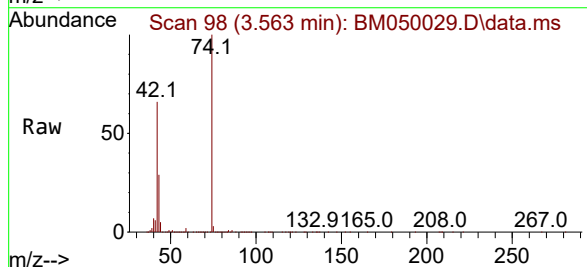
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

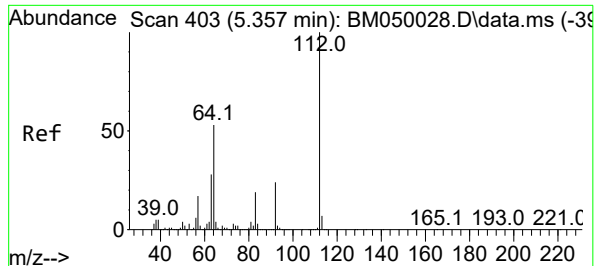
Tgt Ion: 79 Resp: 757569
Ion Ratio Lower Upper
79 100
52 61.0 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491
Ion Ratio Lower Upper
42 100
74 150.4 120.2 180.2
44 7.4 6.2 9.2

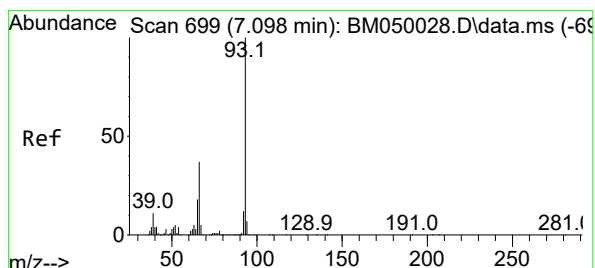
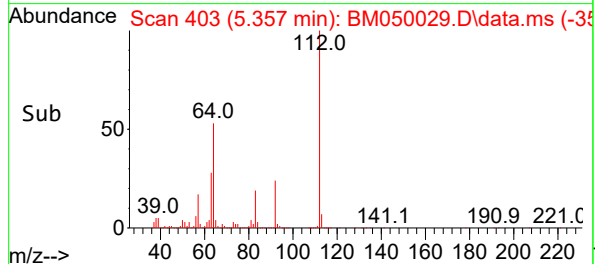
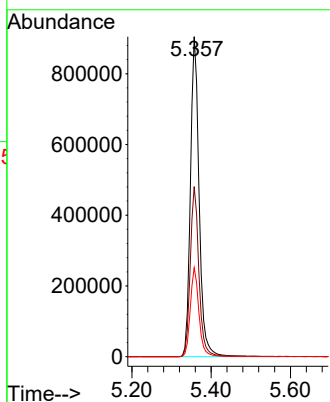
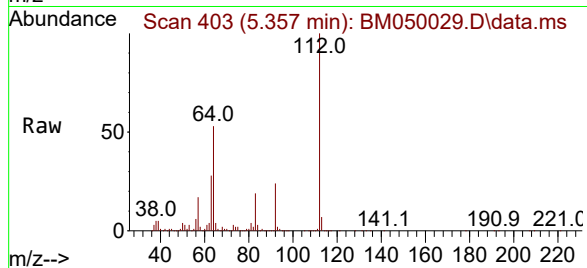




#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

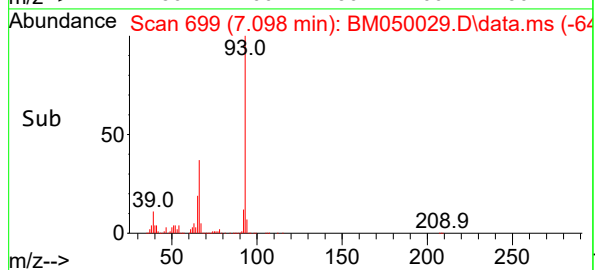
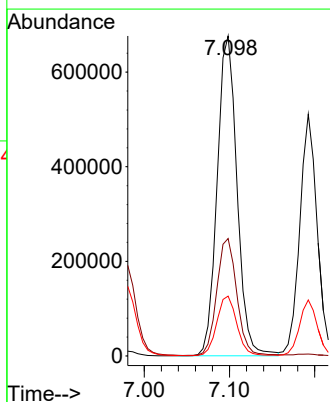
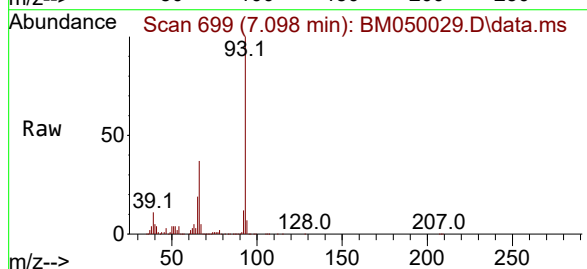
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

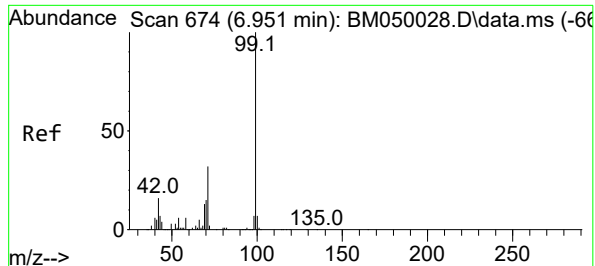
Tgt Ion:112 Resp: 1382138
Ion Ratio Lower Upper
112 100
64 53.2 42.6 64.0
63 27.8 22.2 33.4



#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746
Ion Ratio Lower Upper
93 100
66 36.7 29.9 44.9
65 18.7 14.5 21.7



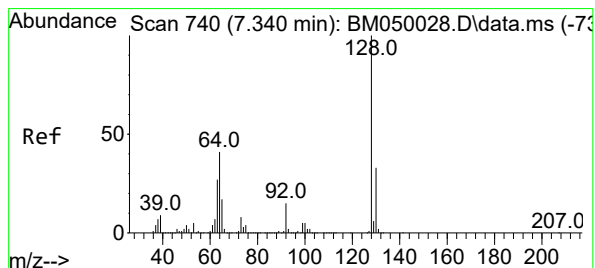
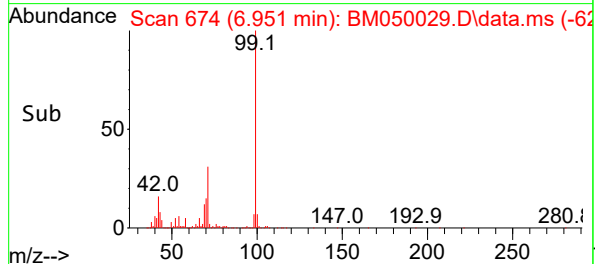
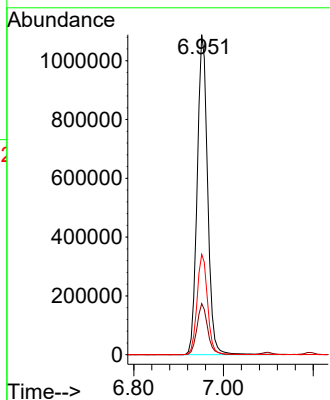
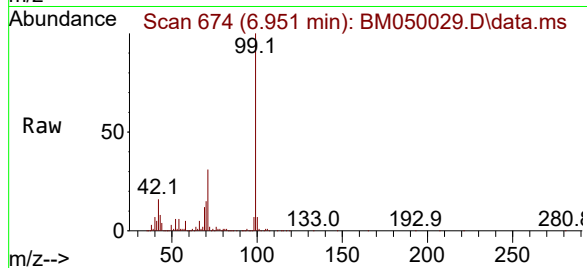


#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1754123

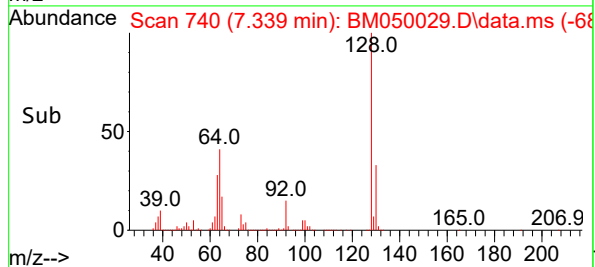
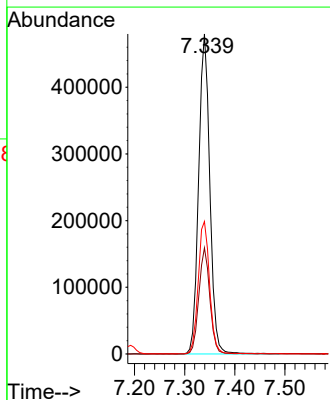
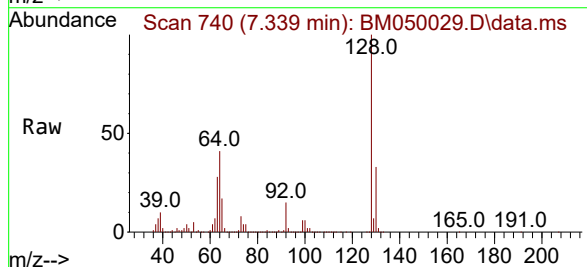
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.3	25.6	38.4

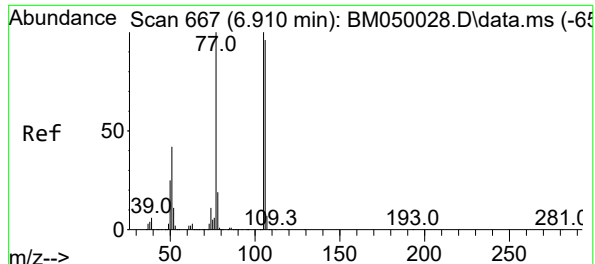


#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 128 Resp: 742074

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	41.4	21.2	61.2





#9

Benzaldehyde

Concen: 52.770 ng

RT: 6.910 min Scan# 667

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

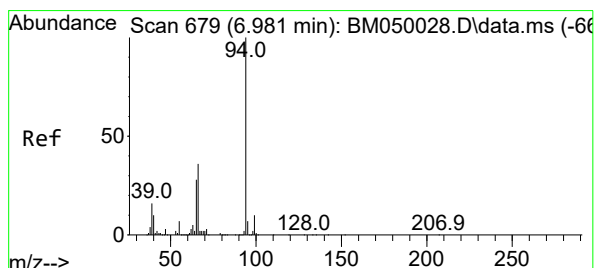
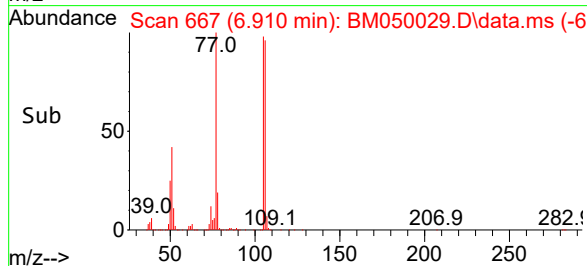
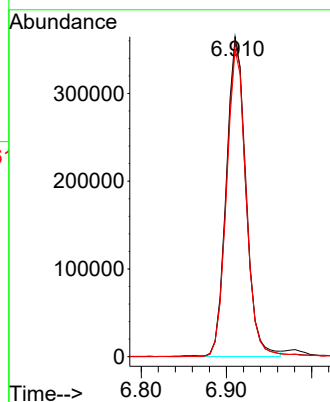
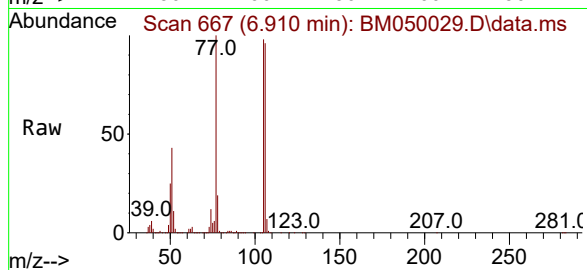
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 577740

Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.5	120.5
106	95.9	76.1	116.1



#10

Phenol

Concen: 52.897 ng

RT: 6.981 min Scan# 679

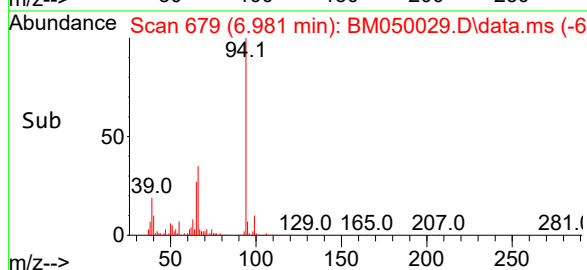
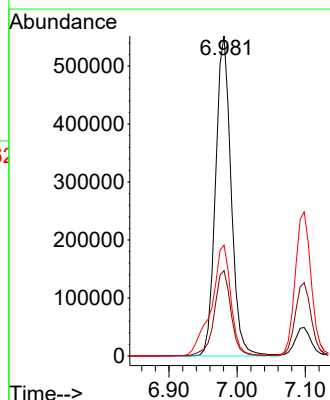
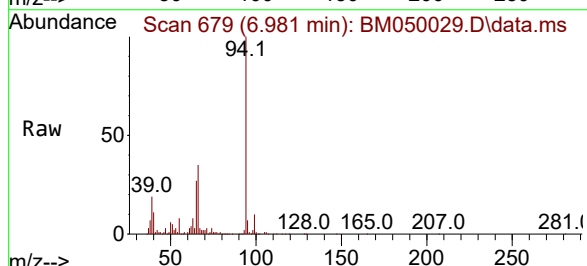
Delta R.T. -0.000 min

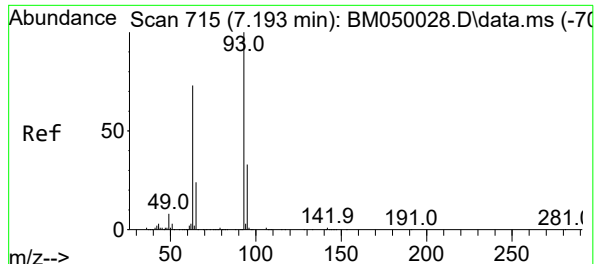
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.7	15.8	55.8

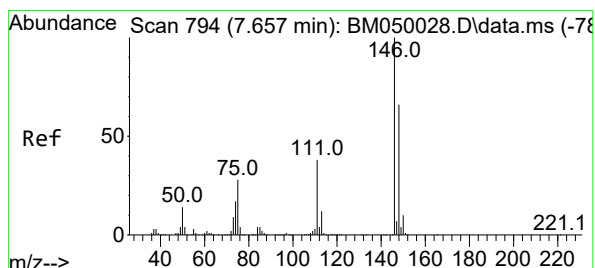
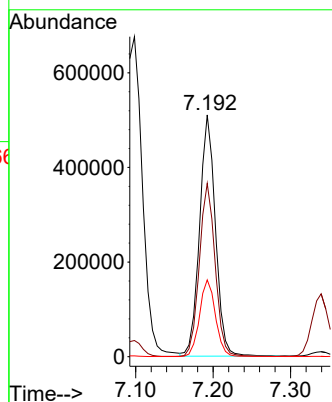
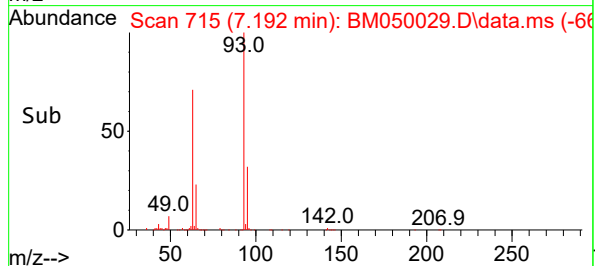
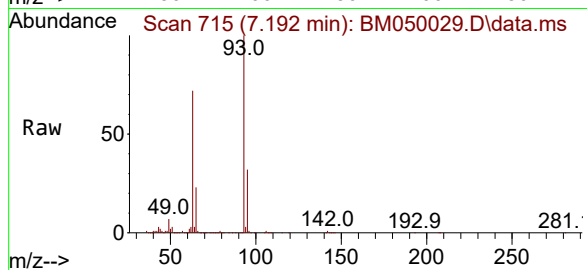




#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

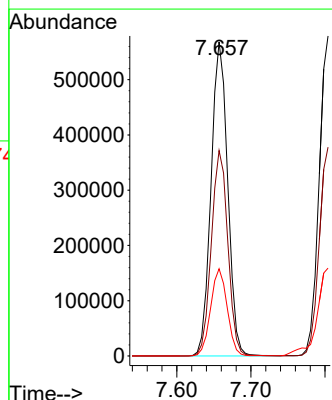
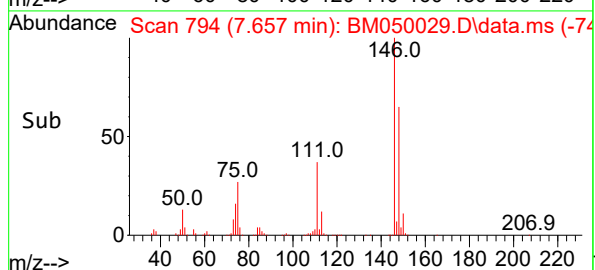
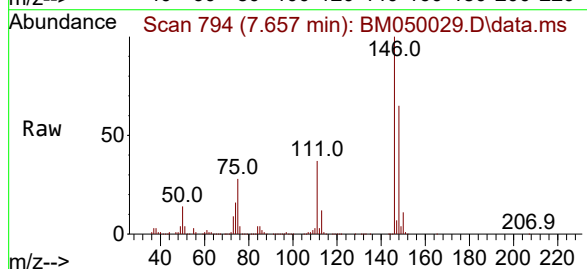
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

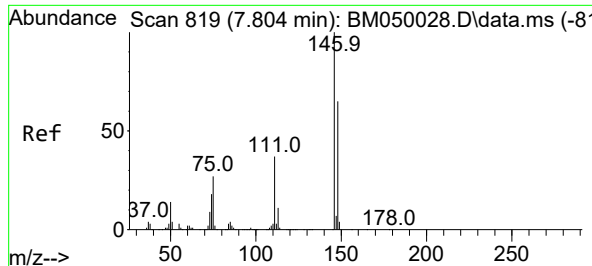
Tgt Ion: 93 Resp: 725268
Ion Ratio Lower Upper
93 100
63 71.7 52.3 92.3
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 146 Resp: 885183
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.8 22.6 34.0

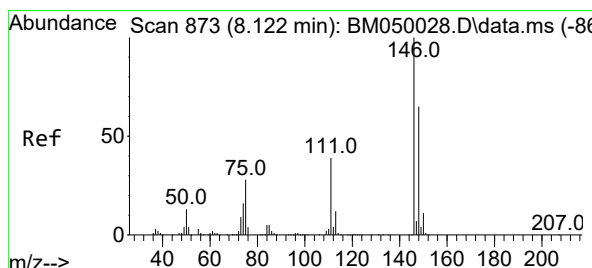
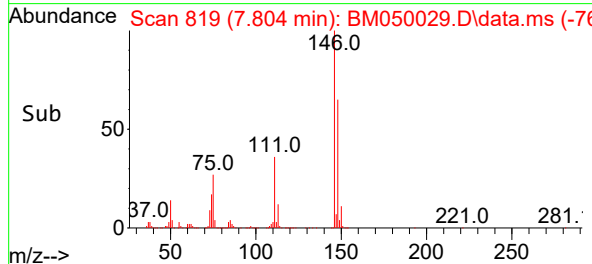
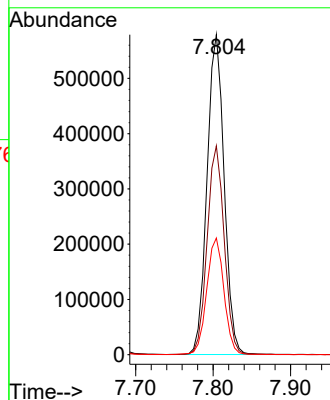
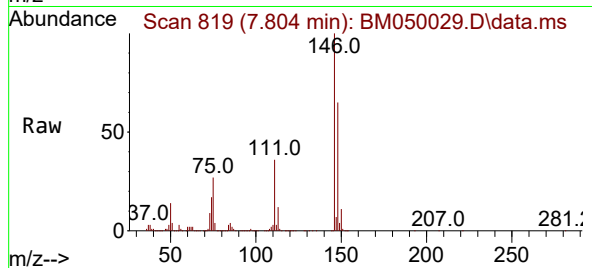




#13
1,4-Dichlorobenzene
Concen: 51.937 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

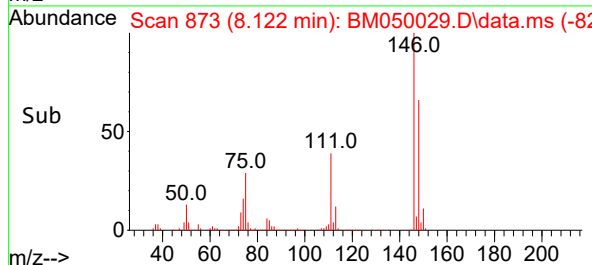
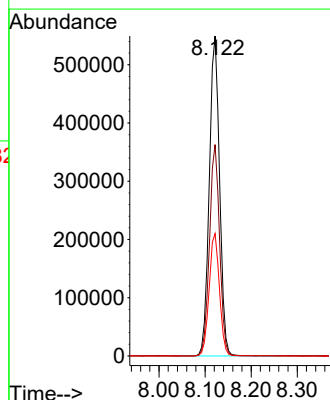
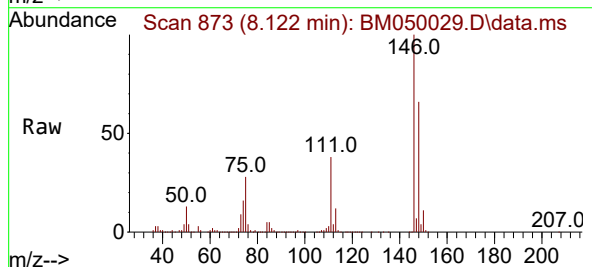
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

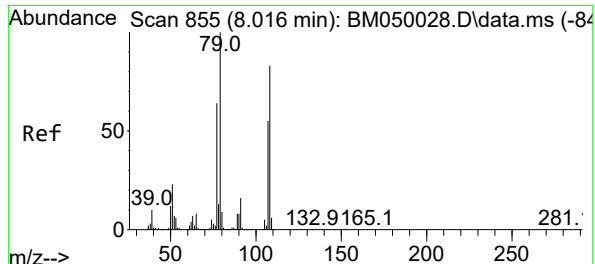
Tgt Ion:146 Resp: 888114
Ion Ratio Lower Upper
146 100
148 65.2 52.2 78.2
111 36.5 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 52.033 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 859475
Ion Ratio Lower Upper
146 100
148 66.1 52.4 78.6
111 38.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 53.947 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

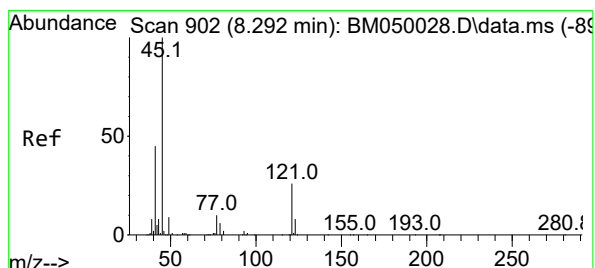
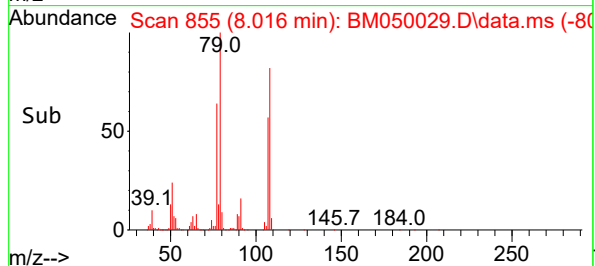
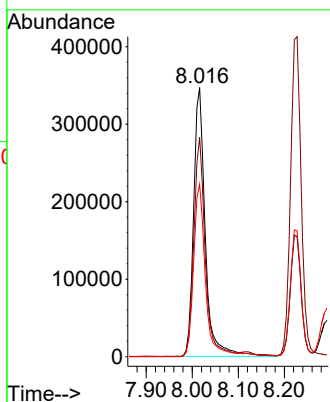
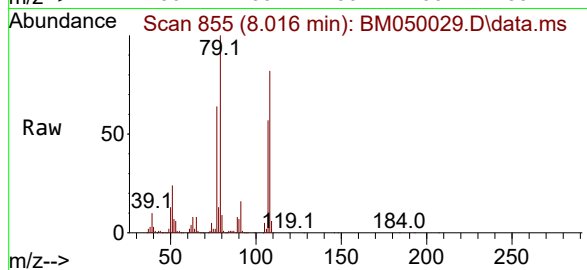
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 612811

Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.0	99.0
77	64.1	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.300 ng

RT: 8.292 min Scan# 902

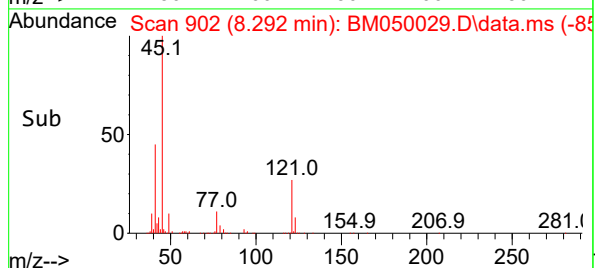
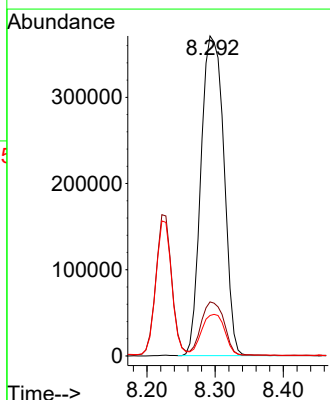
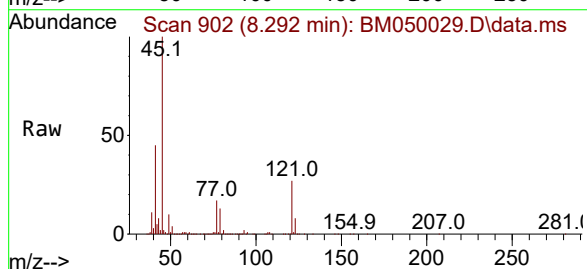
Delta R.T. -0.000 min

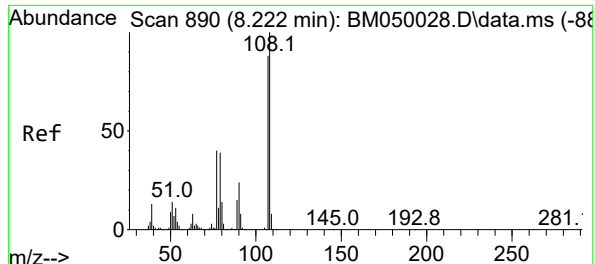
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 45 Resp: 863443

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.4
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 53.563 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050029.D

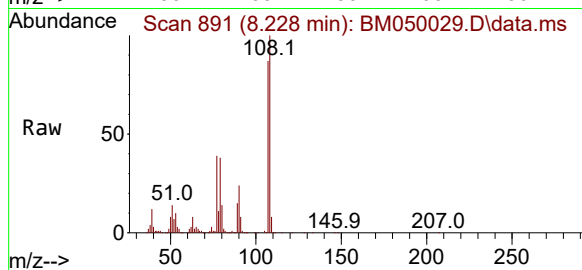
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

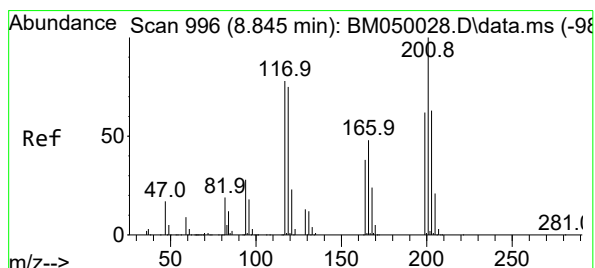
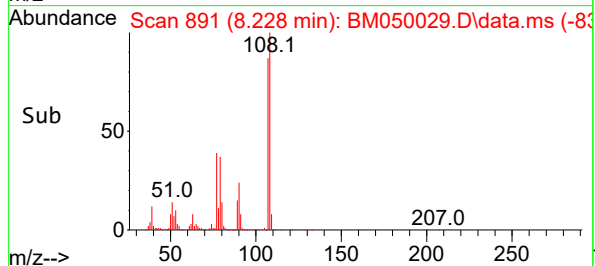
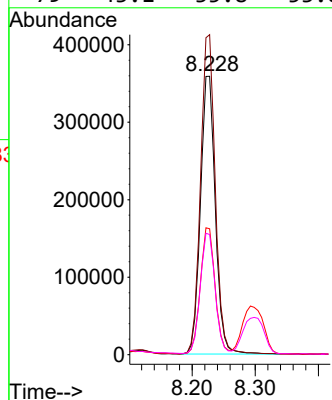
ClientSampleId :

SSTDICC050



Tgt Ion:107 Resp: 585120

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.2	36.2	54.4
79	43.1	35.8	53.8



#18

Hexachloroethane

Concen: 51.444 ng

RT: 8.845 min Scan# 996

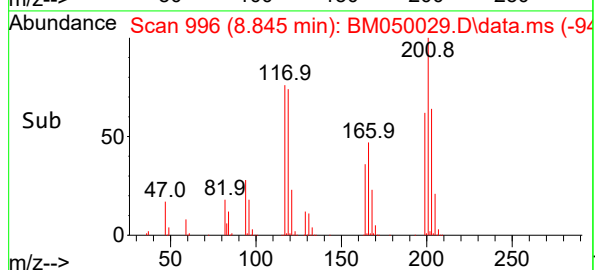
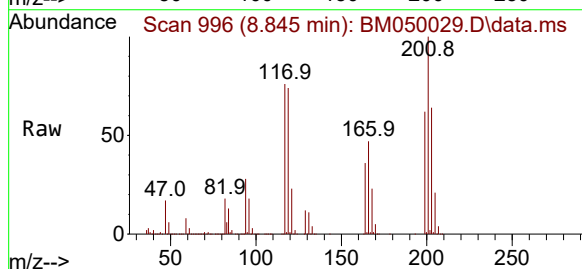
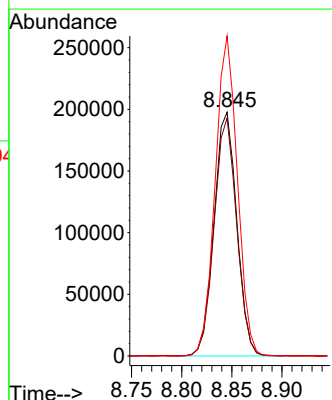
Delta R.T. -0.000 min

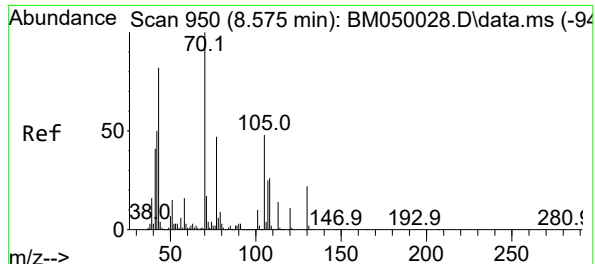
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:117 Resp: 312710

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	131.4	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 53.672 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 563847

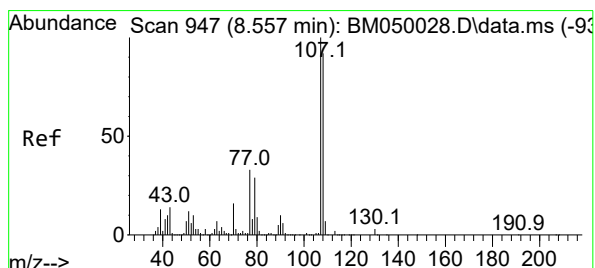
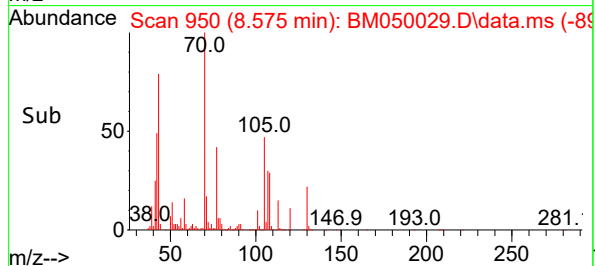
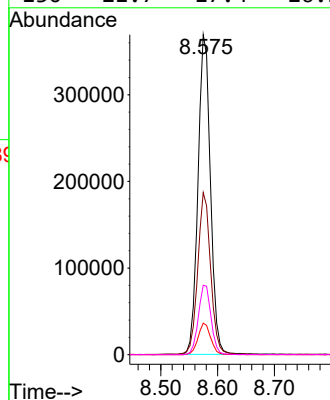
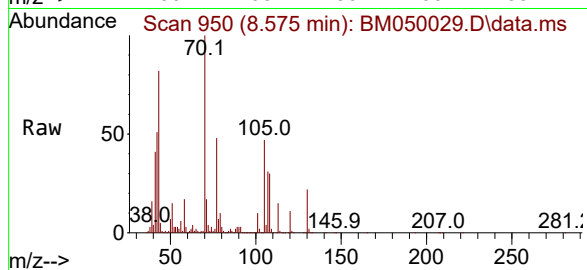
Ion Ratio Lower Upper

70 100

42 50.7 40.5 60.7

101 9.8 7.8 11.6

130 21.7 17.4 26.2



#20

3+4-Methylphenols

Concen: 53.851 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion: 107 Resp: 794422

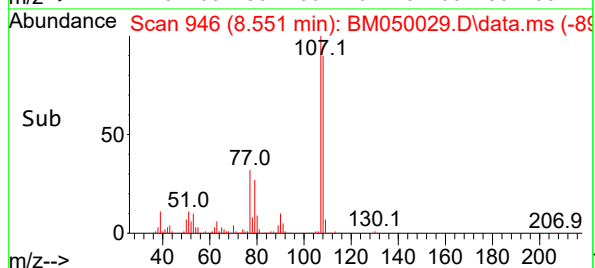
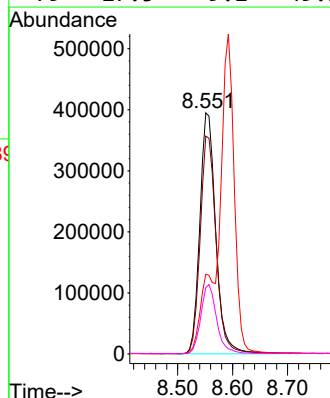
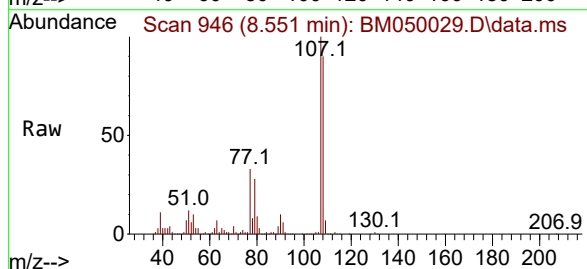
Ion Ratio Lower Upper

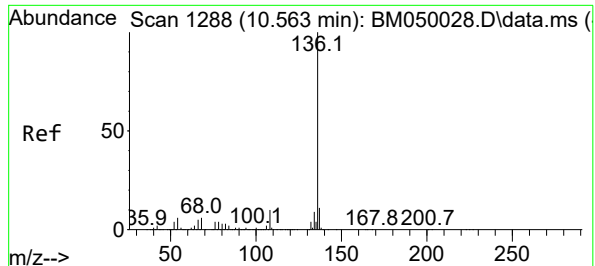
107 100

108 90.4 72.4 112.4

77 33.0 13.6 53.6

79 27.5 9.2 49.2

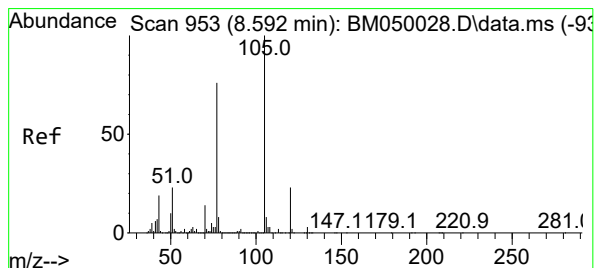
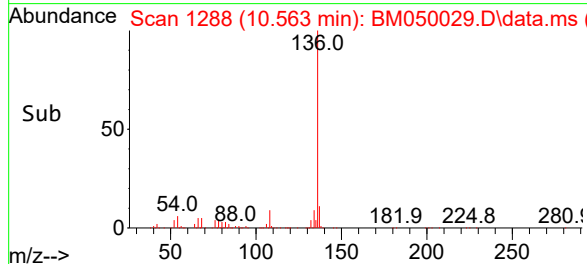
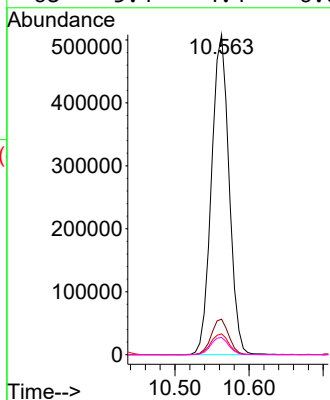
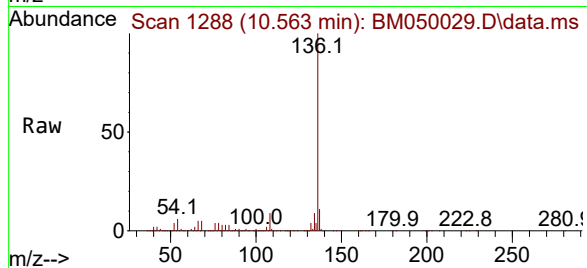




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

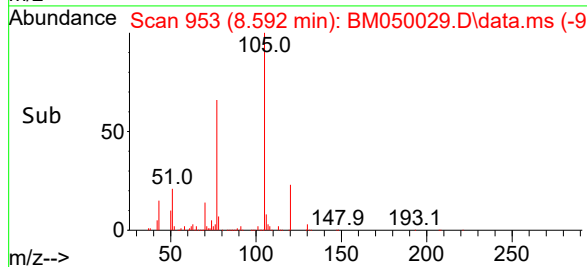
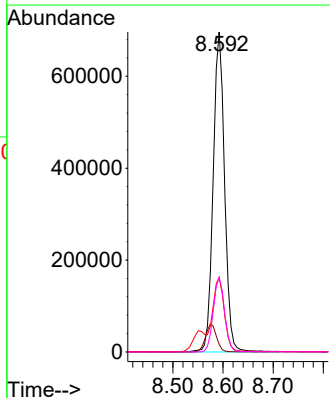
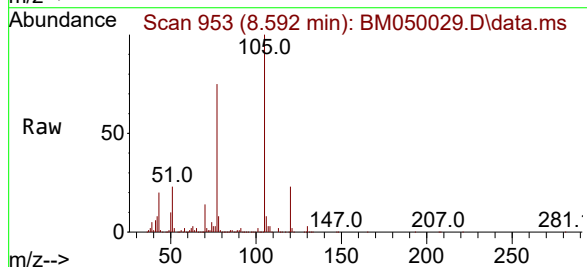
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

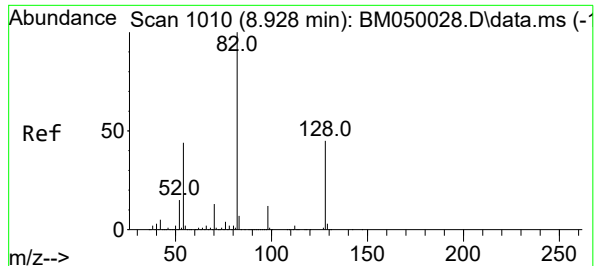
Tgt Ion:136 Resp: 837552
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.5 5.1 7.7
68 5.4 4.4 6.6



#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024
Ion Ratio Lower Upper
105 100
71 2.3 1.7 2.5
51 23.2 18.6 27.8
120 23.4 18.3 27.5

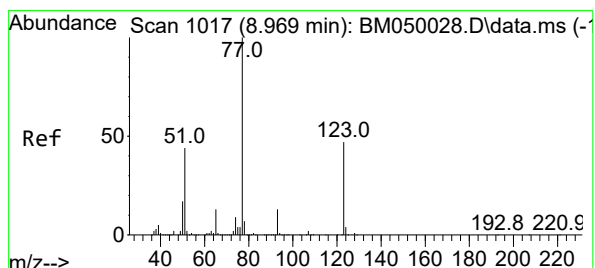
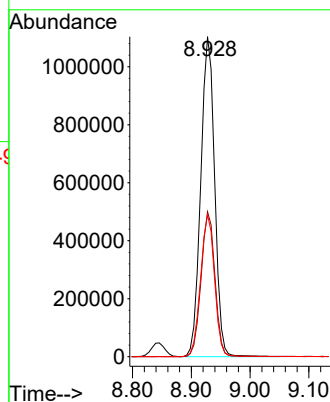
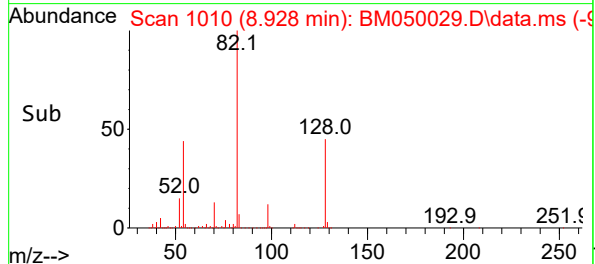
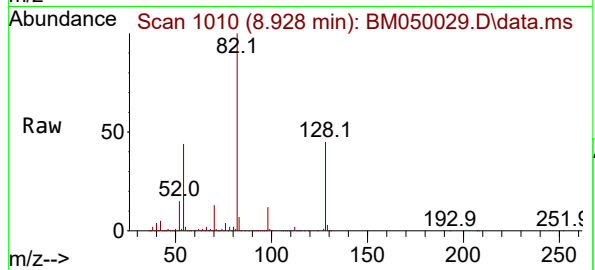




#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

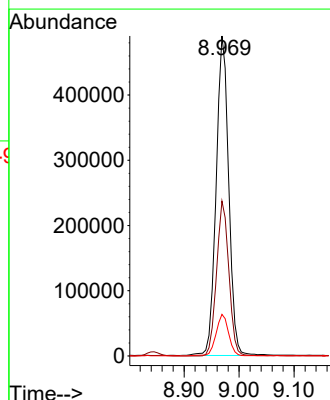
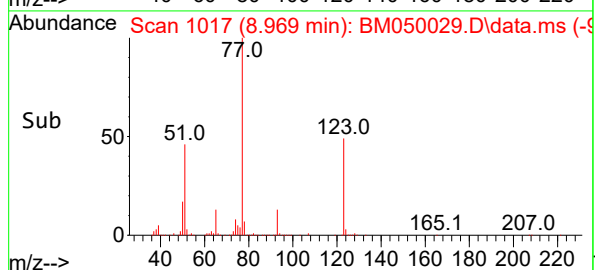
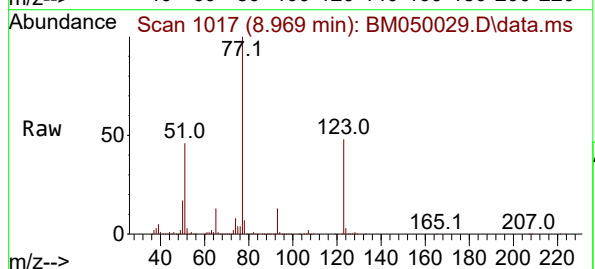
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

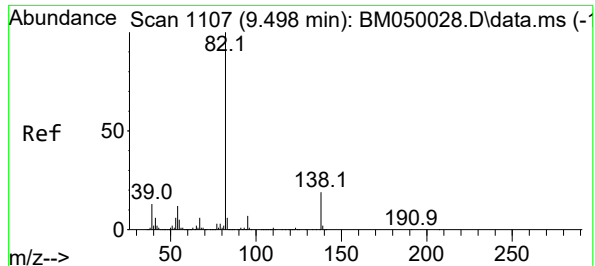
Tgt Ion: 82 Resp: 1811208
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 44.3 35.4 53.2



#24
Nitrobenzene
Concen: 53.020 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215
Ion Ratio Lower Upper
77 100
123 48.4 37.9 56.9
65 13.0 10.1 15.1

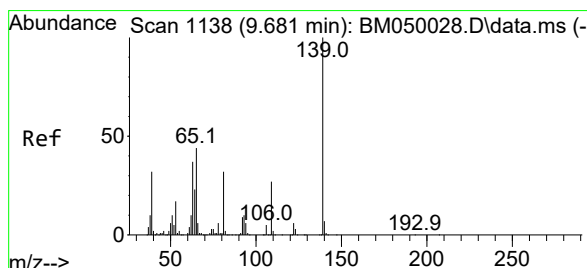
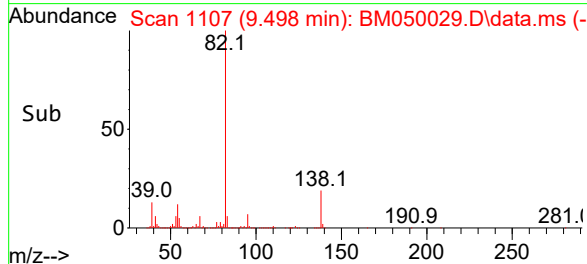
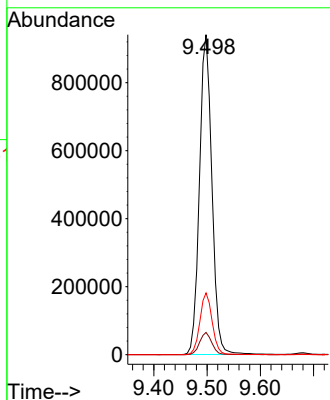
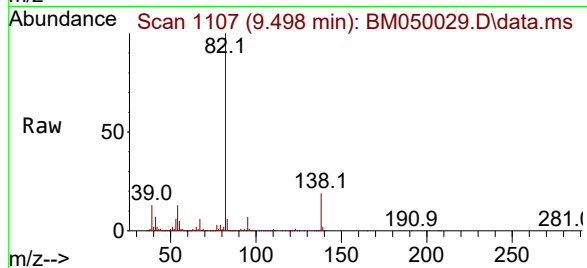




#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

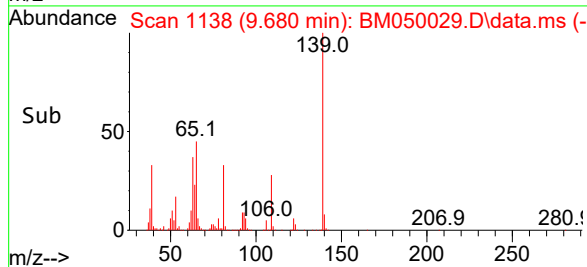
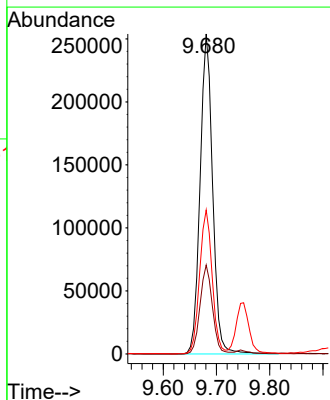
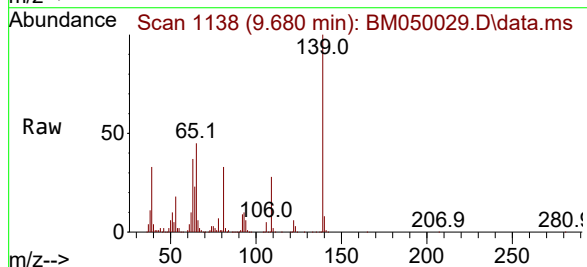
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

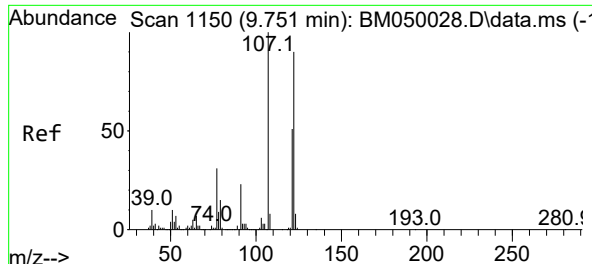
Tgt Ion: 82 Resp: 1526436
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 139 Resp: 415316
Ion Ratio Lower Upper
139 100
109 27.8 21.9 32.9
65 45.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 54.175 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

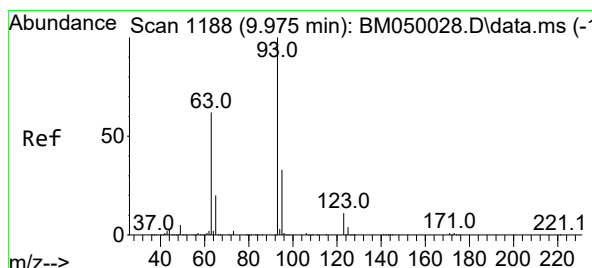
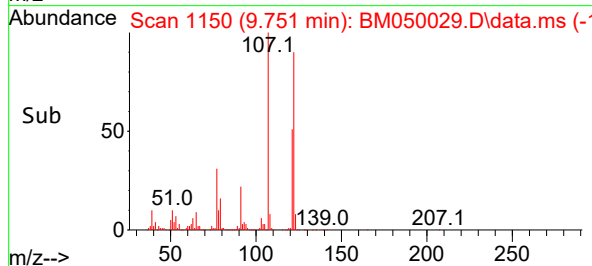
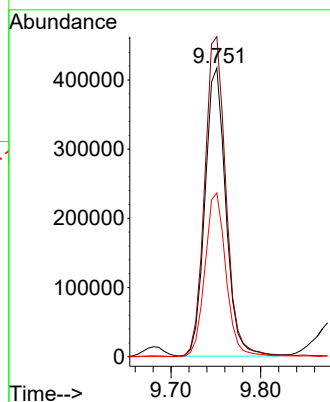
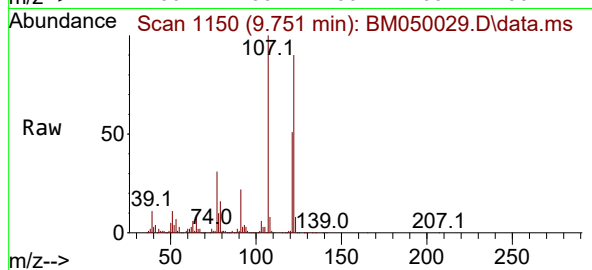
Tgt Ion:122 Resp: 674547

Ion Ratio Lower Upper

122 100

107 110.9 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 52.843 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

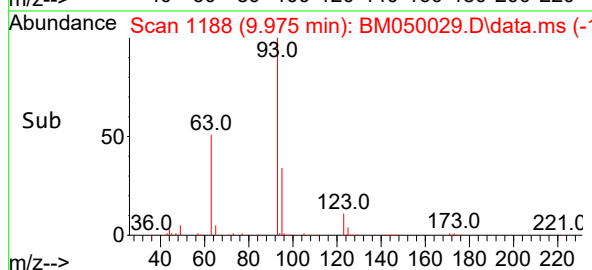
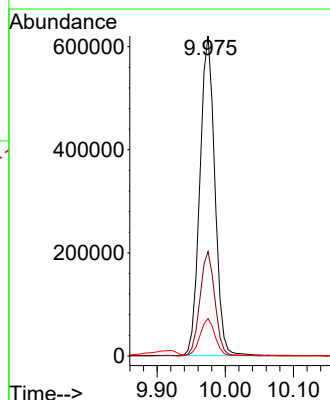
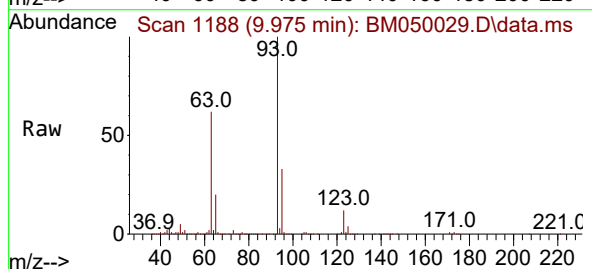
Tgt Ion: 93 Resp: 946285

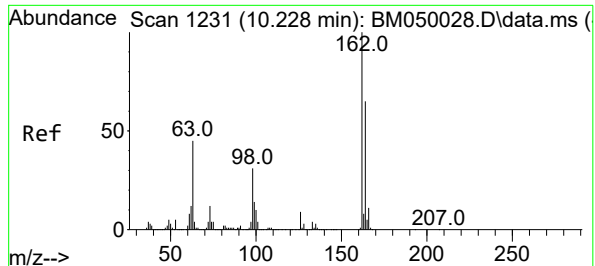
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 53.847 ng

RT: 10.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

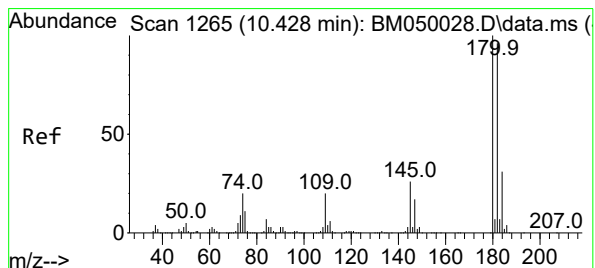
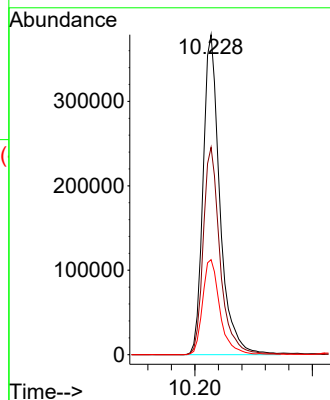
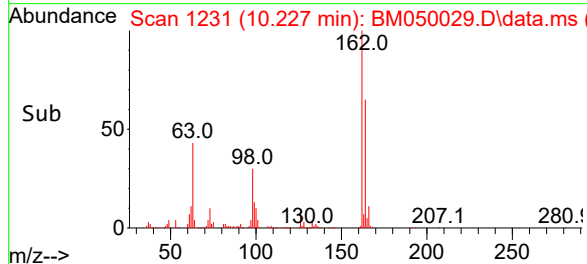
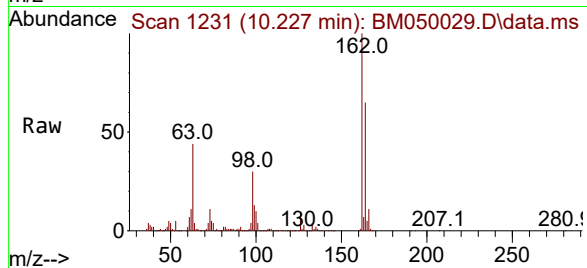
Tgt Ion:162 Resp: 751117

Ion Ratio Lower Upper

162 100

164 64.8 45.4 85.4

98 29.7 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 52.457 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

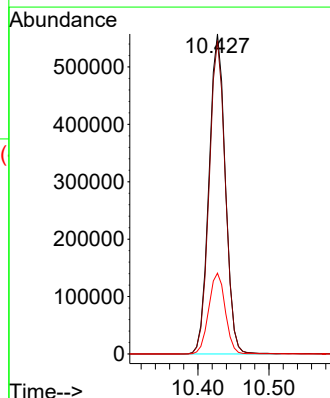
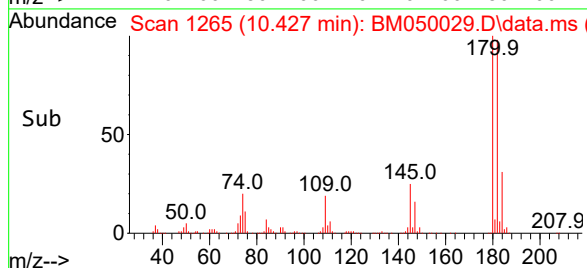
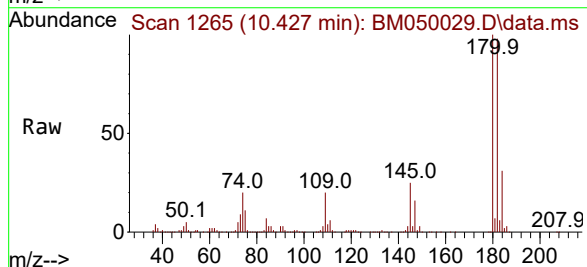
Tgt Ion:180 Resp: 891501

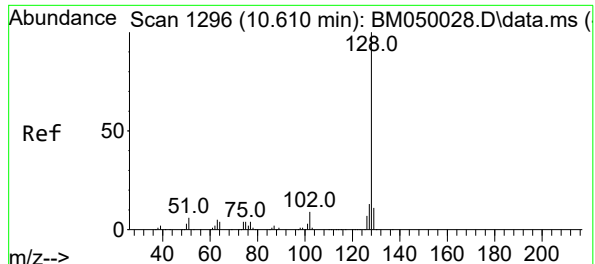
Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.4

145 25.3 20.6 30.8

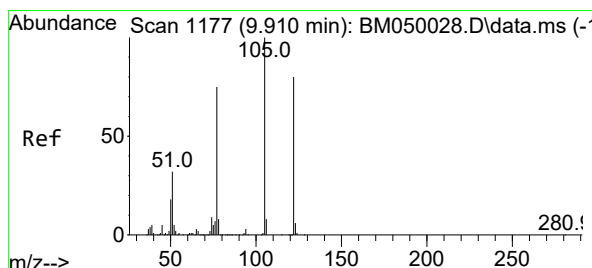
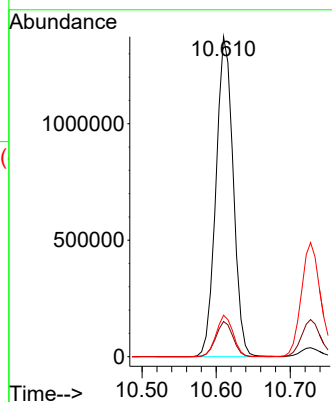
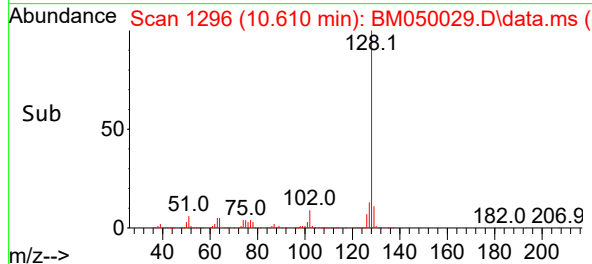
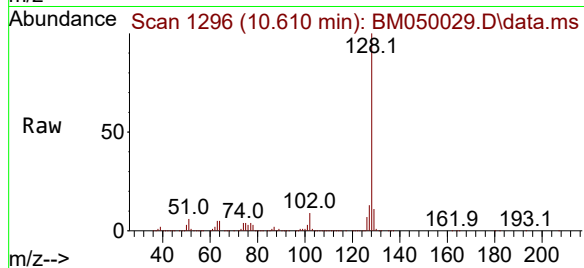




#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

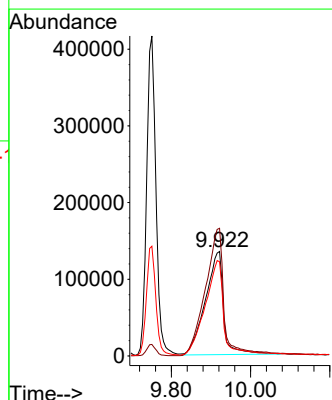
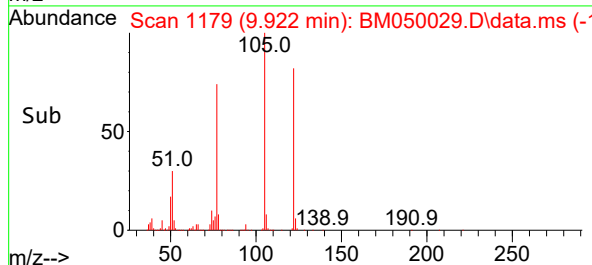
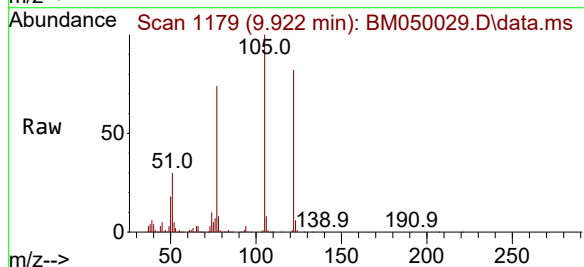
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

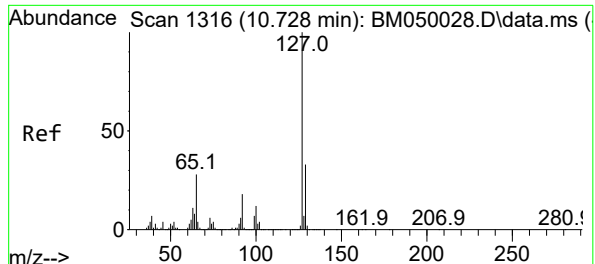
Tgt Ion:128 Resp: 2214025
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557
Ion Ratio Lower Upper
122 100
105 122.2 103.6 143.6
77 90.1 73.7 113.7





#33

4-Chloroaniline

Concen: 53.913 ng

RT: 10.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 937309

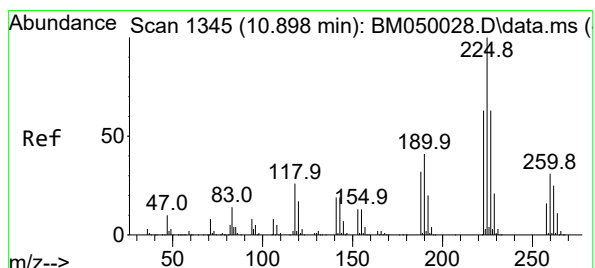
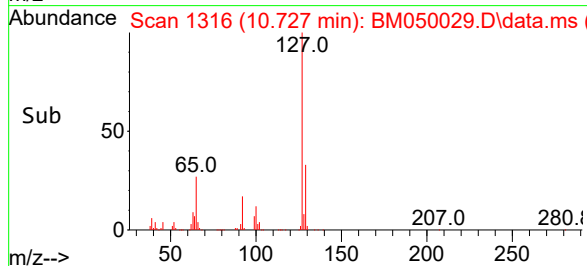
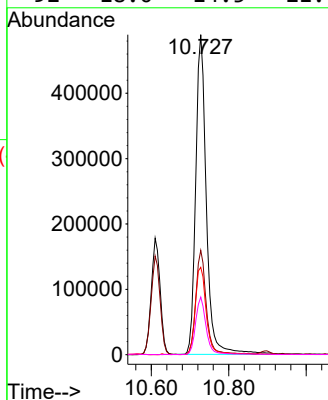
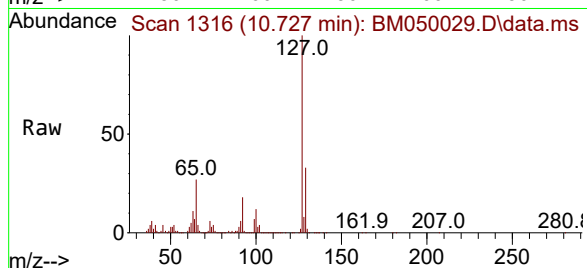
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 27.3 22.5 33.7

92 18.0 14.5 21.7



#34

Hexachlorobutadiene

Concen: 52.471 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

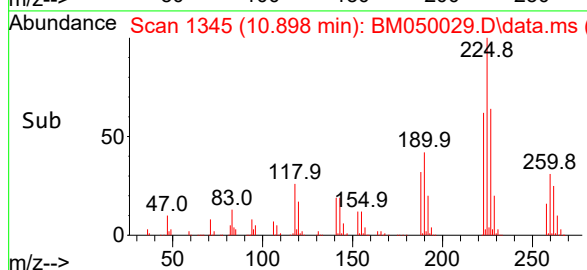
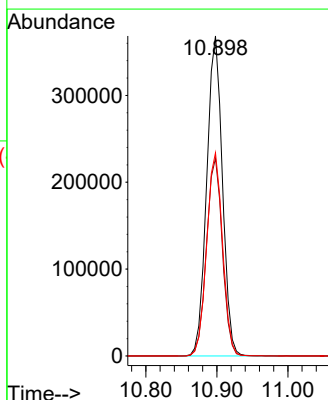
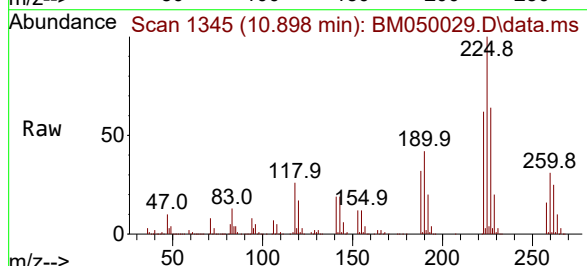
Tgt Ion:225 Resp: 566049

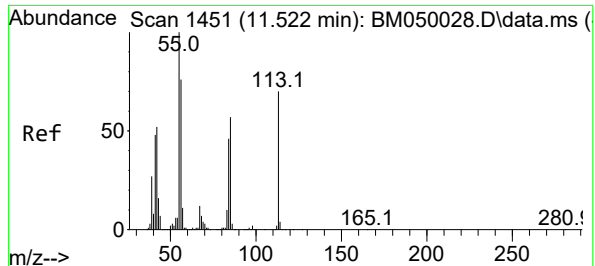
Ion Ratio Lower Upper

225 100

223 61.8 50.2 75.2

227 63.5 50.6 76.0





#35

Caprolactam

Concen: 53.741 ng

RT: 11.522 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

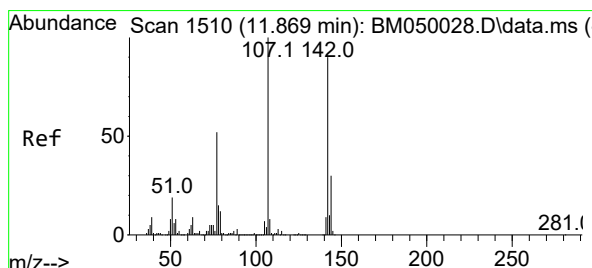
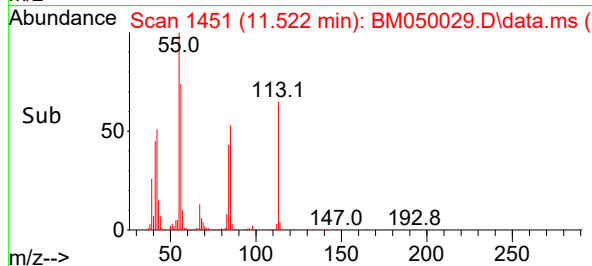
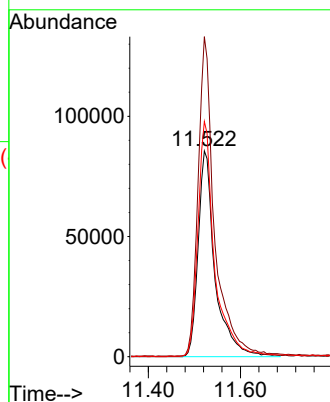
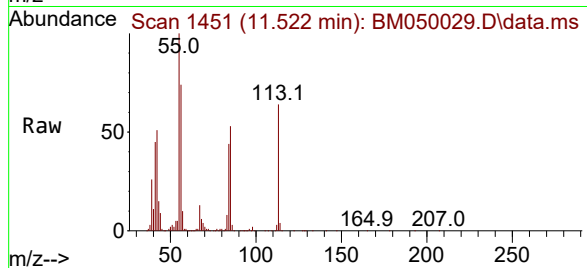
Tgt Ion:113 Resp: 218572

Ion Ratio Lower Upper

113 100

55 155.5 122.9 162.9

56 114.3 88.1 128.1



#36

4-Chloro-3-methylphenol

Concen: 53.394 ng

RT: 11.869 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

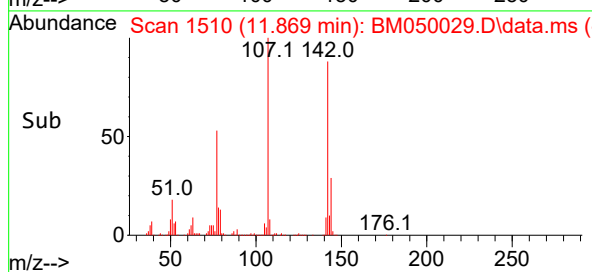
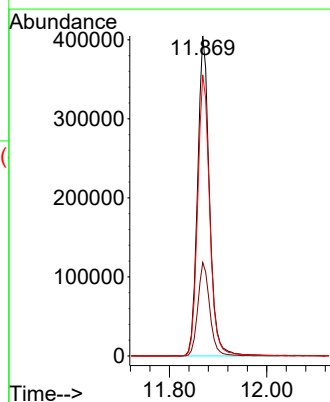
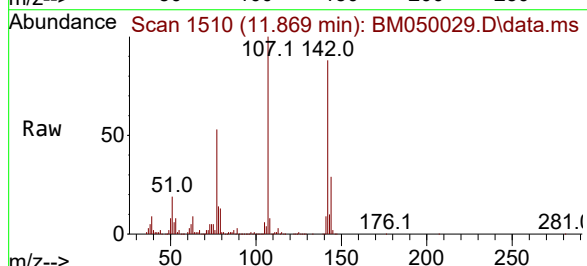
Tgt Ion:107 Resp: 688099

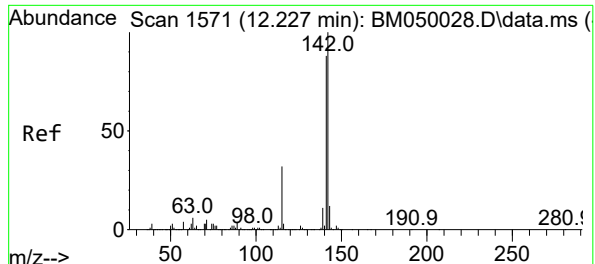
Ion Ratio Lower Upper

107 100

144 29.2 23.8 35.6

142 87.9 71.9 107.9

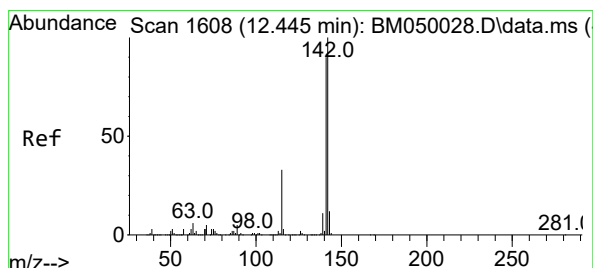
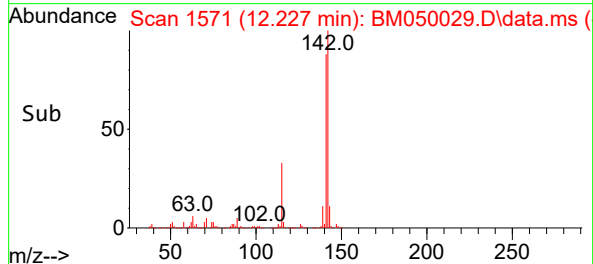
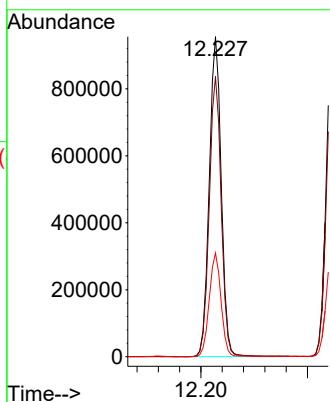
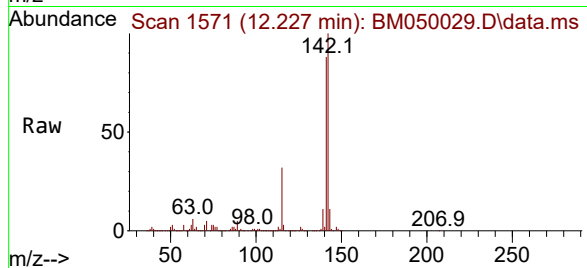




#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

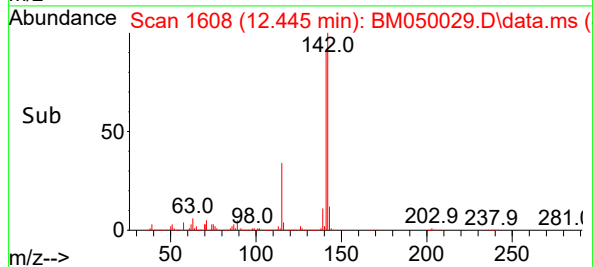
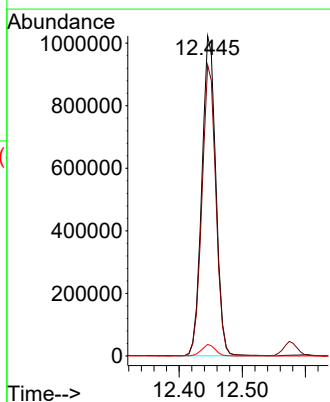
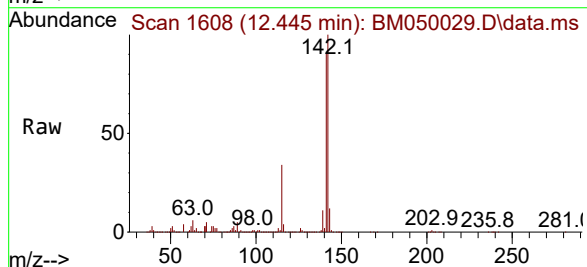
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

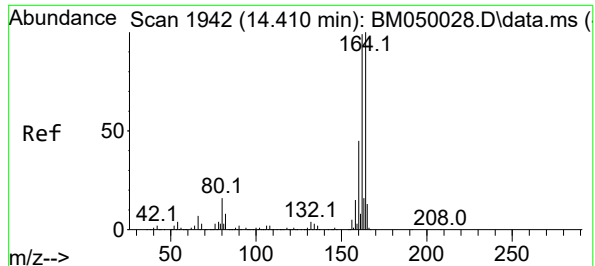
Tgt Ion:142 Resp: 1494348
Ion Ratio Lower Upper
142 100
141 87.5 70.4 105.6
115 32.4 25.4 38.2



#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248
Ion Ratio Lower Upper
142 100
141 90.9 72.1 108.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

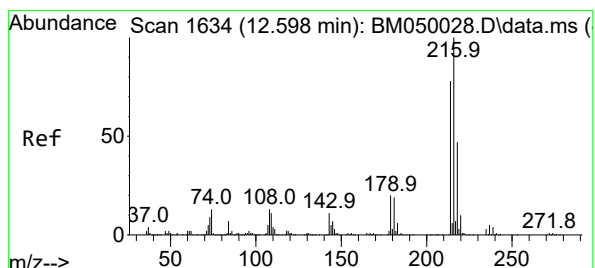
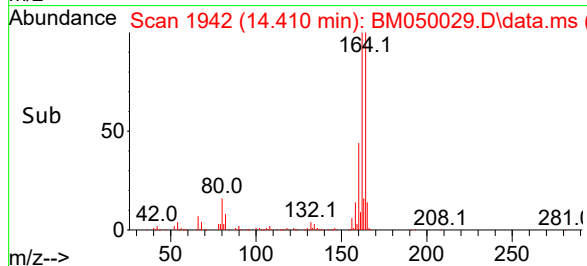
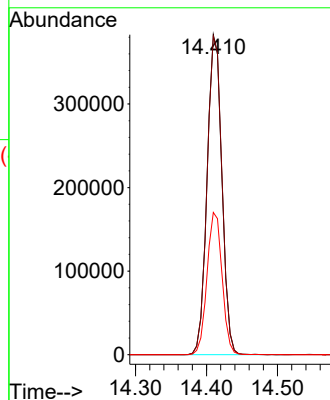
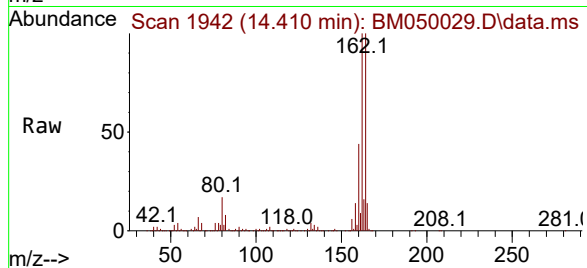
Tgt Ion:164 Resp: 554448

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 44.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.822 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

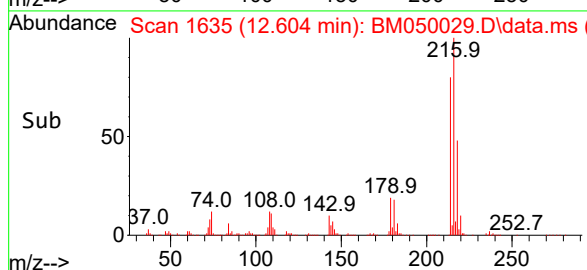
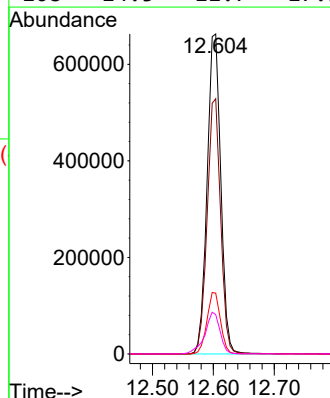
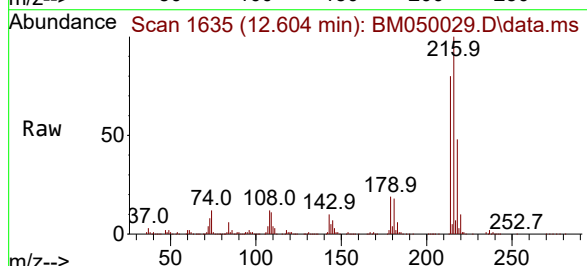
Ion Ratio Lower Upper

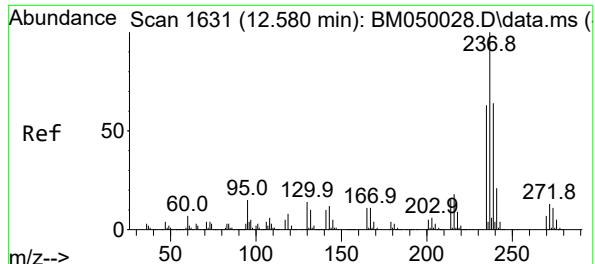
216 100

214 78.6 62.3 93.5

179 19.1 15.4 23.0

108 14.5 11.7 17.5

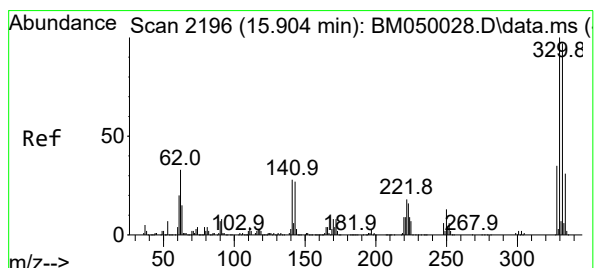
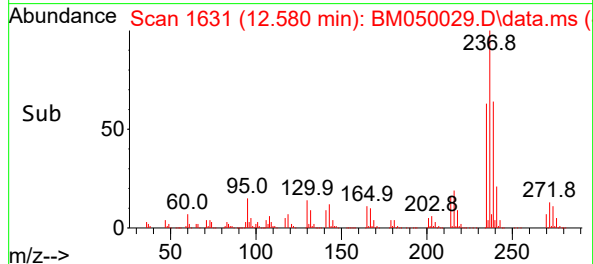
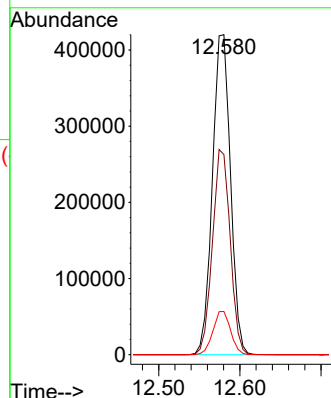
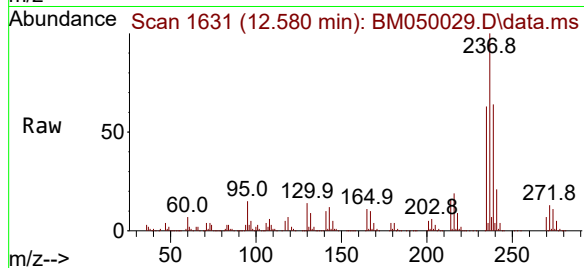




#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

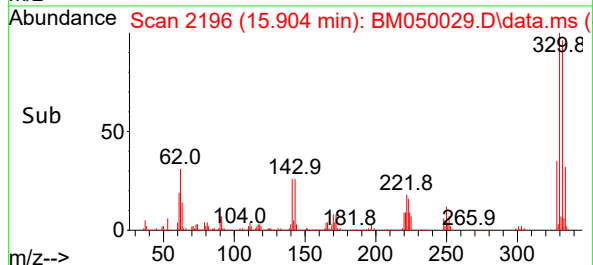
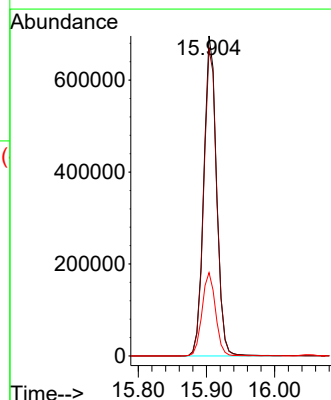
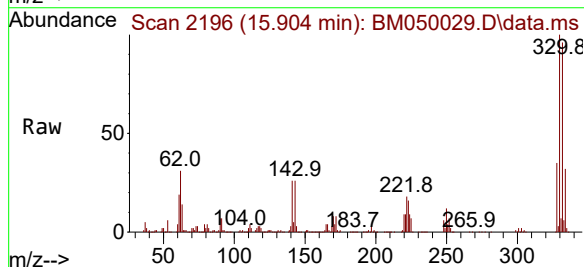
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

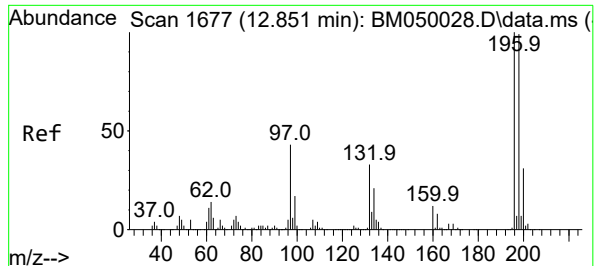
Tgt Ion:237 Resp: 649060
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 13.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 27.3 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 55.275 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

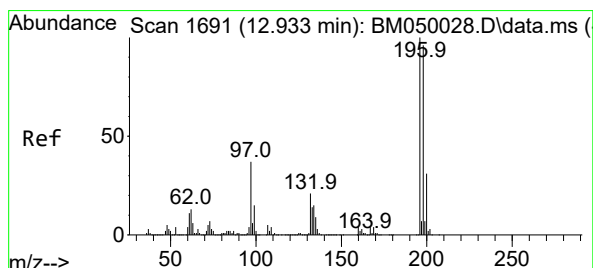
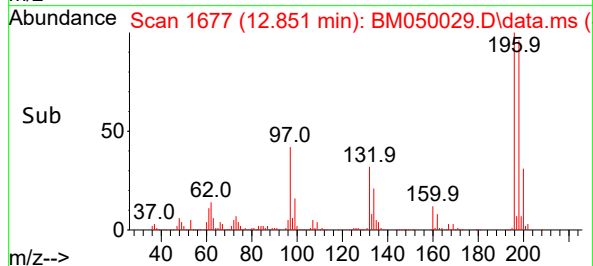
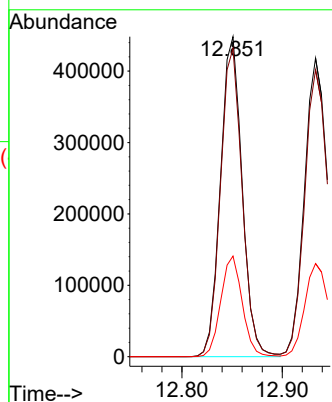
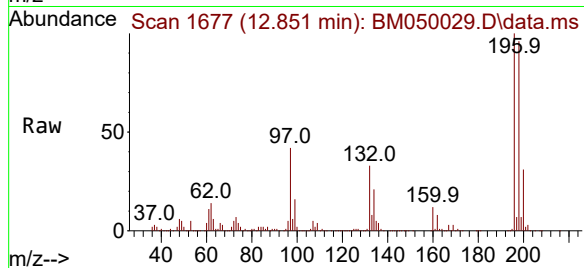
Tgt Ion:196 Resp: 672901

Ion Ratio Lower Upper

196 100

198 96.4 79.0 118.6

200 31.4 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 54.841 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

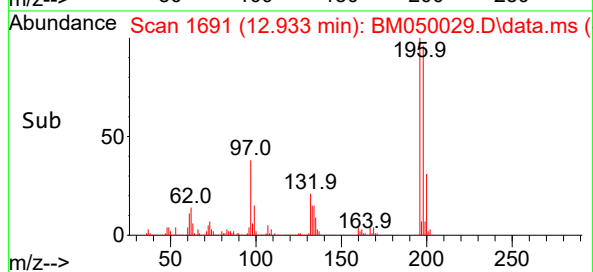
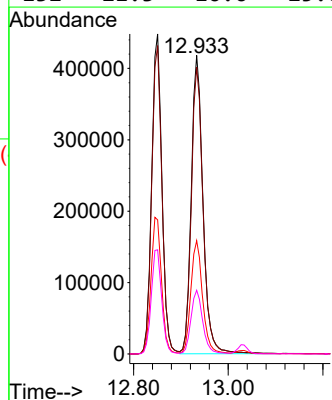
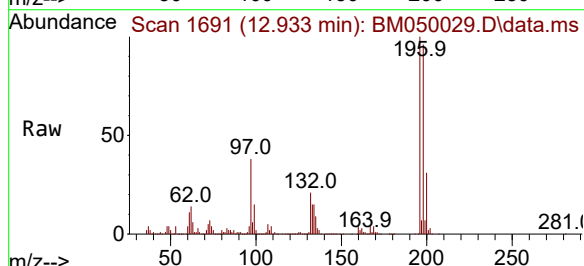
Ion Ratio Lower Upper

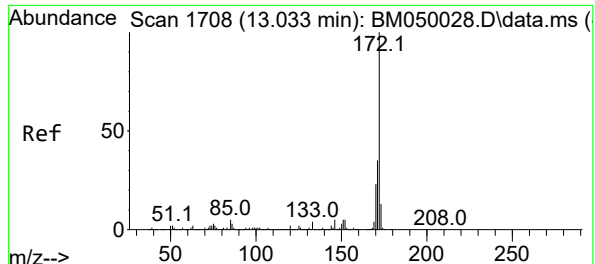
196 100

198 96.1 76.7 115.1

97 37.9 30.1 45.1

132 21.3 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 107.775 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

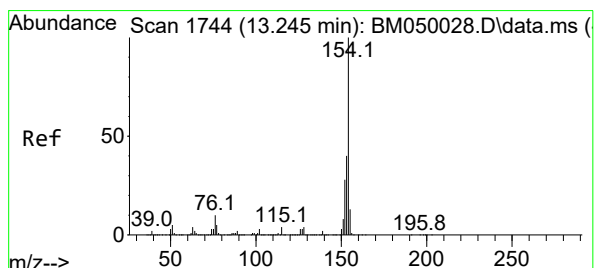
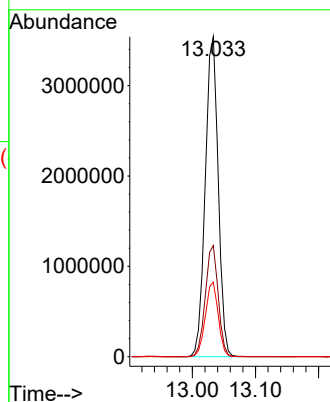
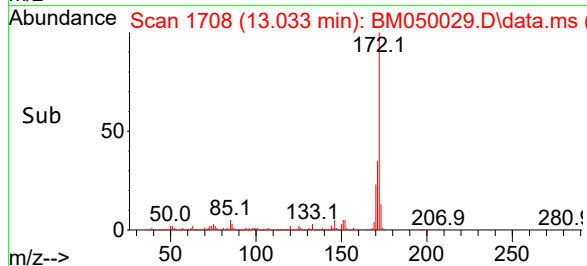
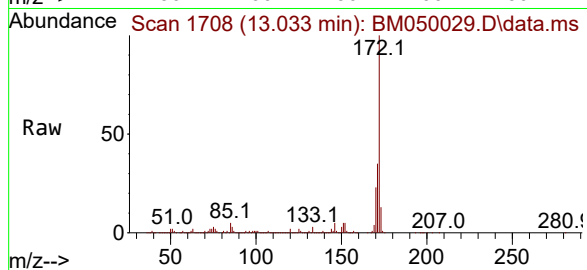
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0



#46

1,1'-Biphenyl

Concen: 53.185 ng

RT: 13.245 min Scan# 1744

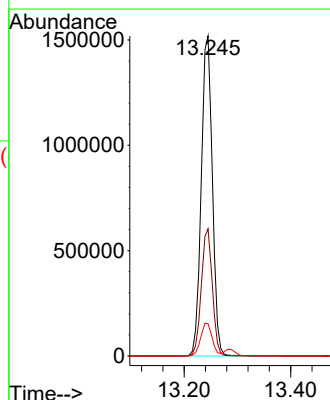
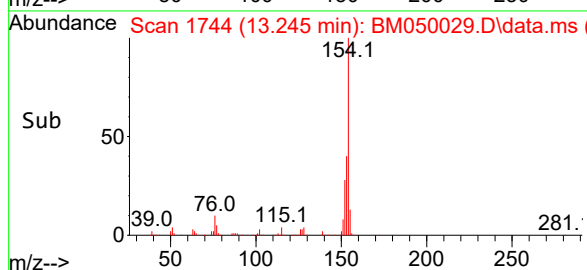
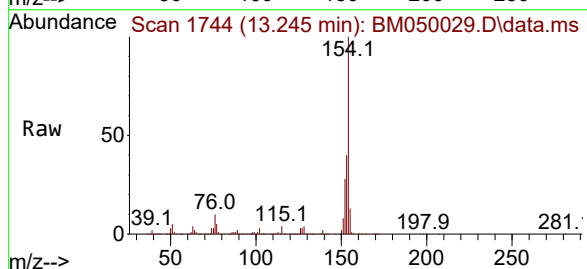
Delta R.T. -0.000 min

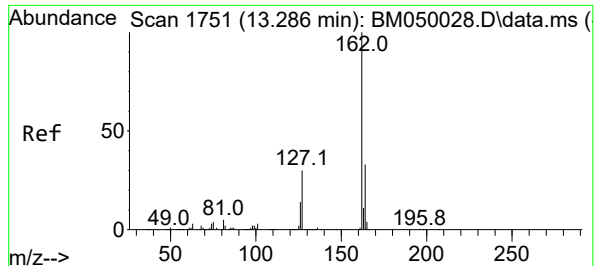
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3





#47

2-Chloronaphthalene

Concen: 52.989 ng

RT: 13.286 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

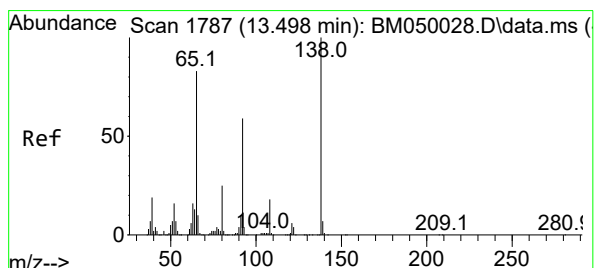
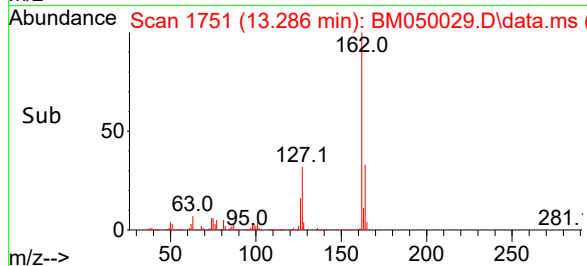
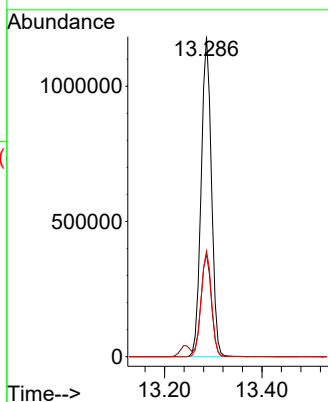
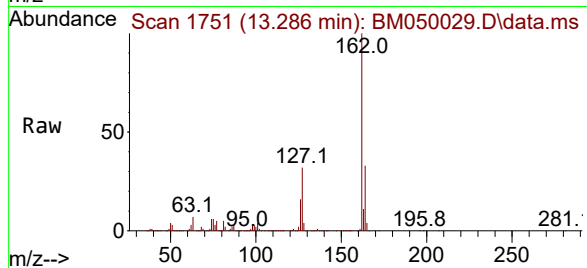
Tgt Ion:162 Resp: 1729678

Ion Ratio Lower Upper

162 100

127 32.1 25.9 38.9

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 55.016 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

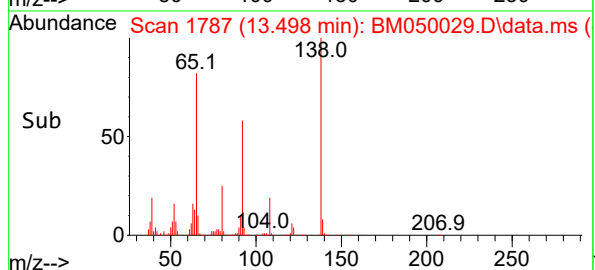
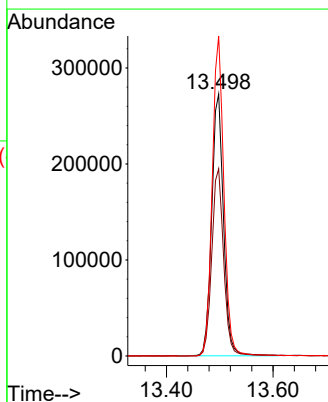
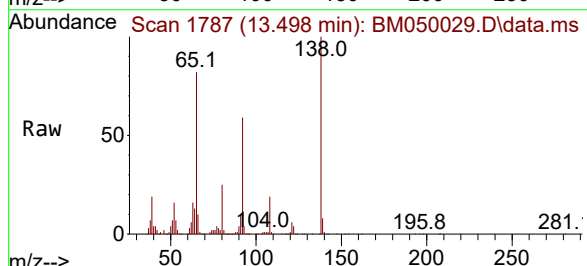
Tgt Ion: 65 Resp: 421489

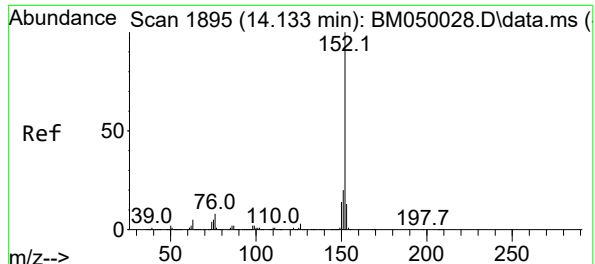
Ion Ratio Lower Upper

65 100

92 71.5 57.1 85.7

138 122.2 97.0 145.4





#49

Acenaphthylene

Concen: 53.082 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

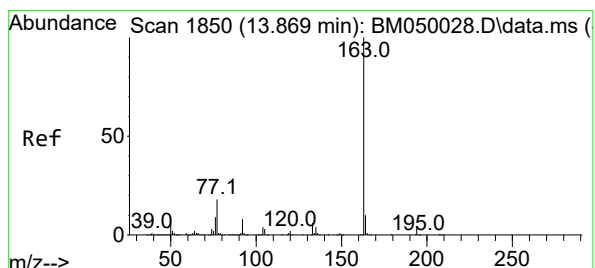
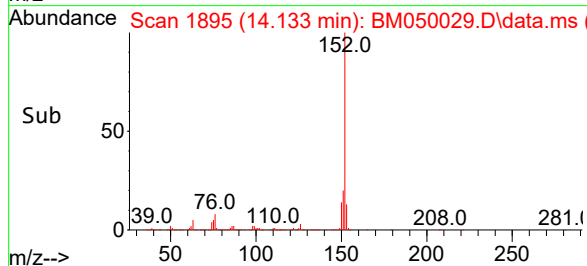
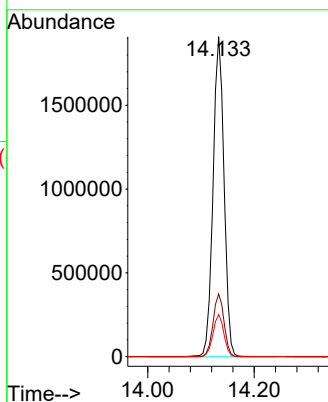
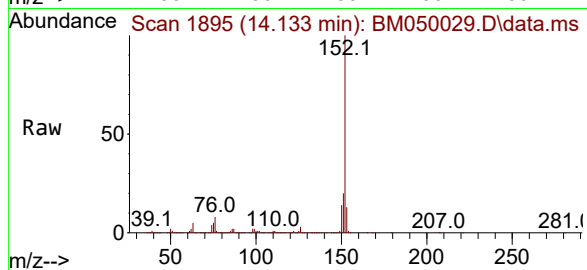
BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8



#50

Dimethylphthalate

Concen: 52.770 ng

RT: 13.874 min Scan# 1851

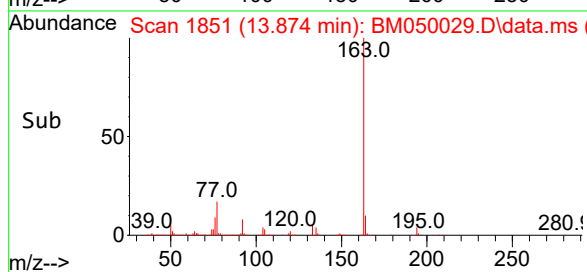
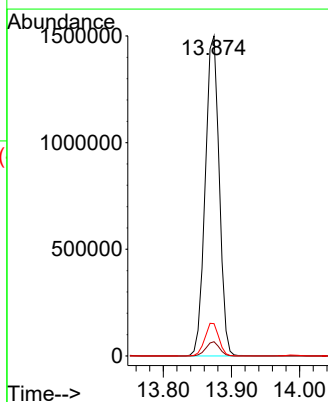
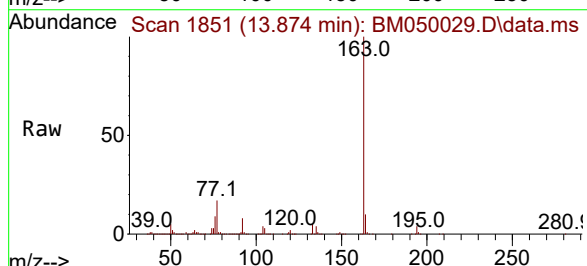
Delta R.T. 0.006 min

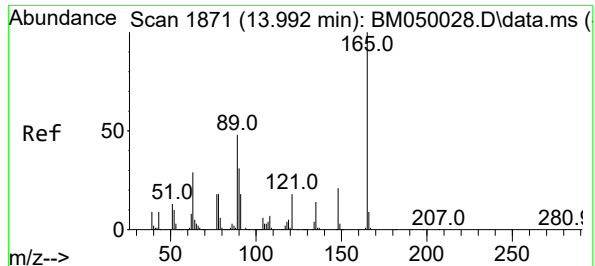
Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 54.650 ng

RT: 13.992 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BM050029.D

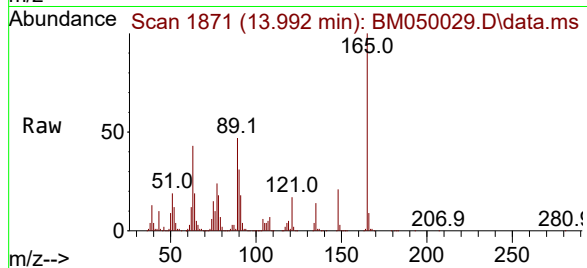
Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

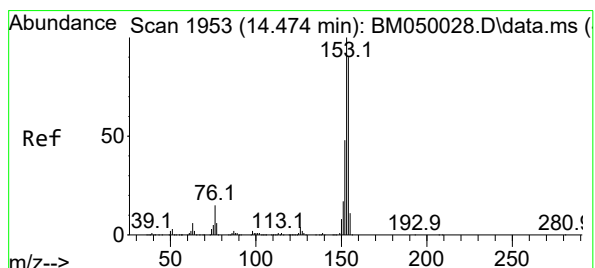
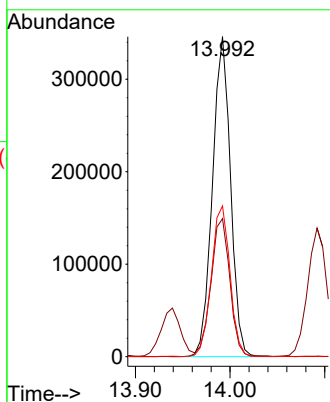
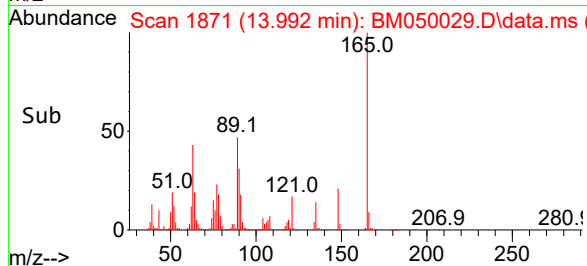
ClientSampleId :

SSTDICC050



Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6



#52

Acenaphthene

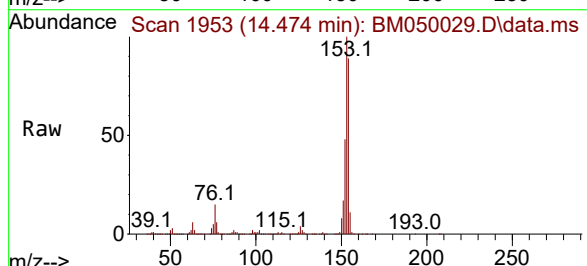
Concen: 53.287 ng

RT: 14.474 min Scan# 1953

Delta R.T. -0.000 min

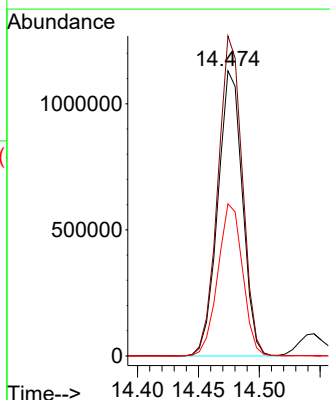
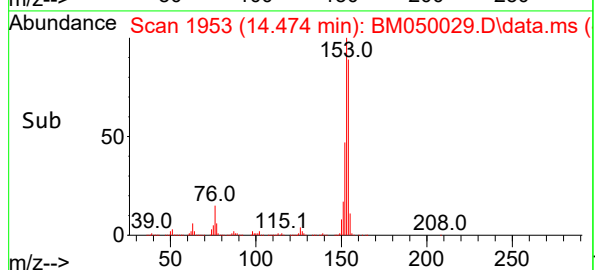
Lab File: BM050029.D

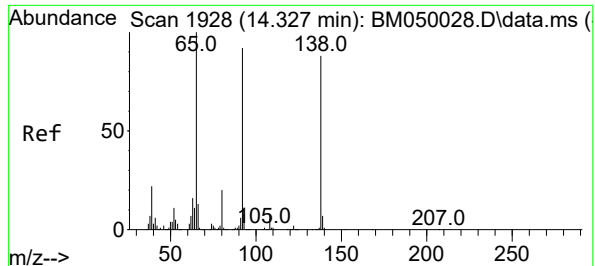
Acq: 28 Apr 2025 15:45



Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6

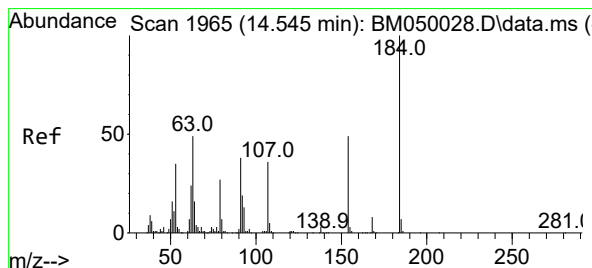
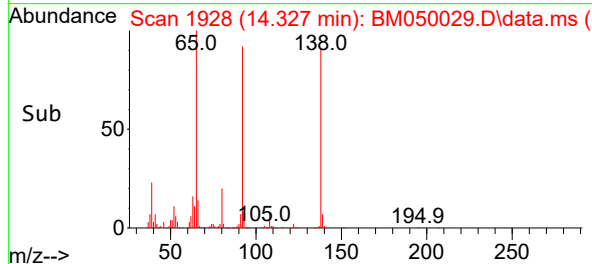
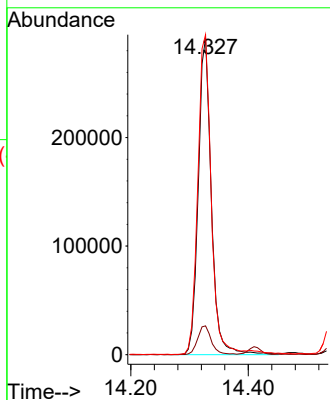
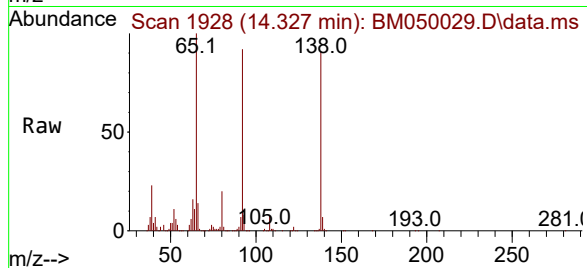




#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

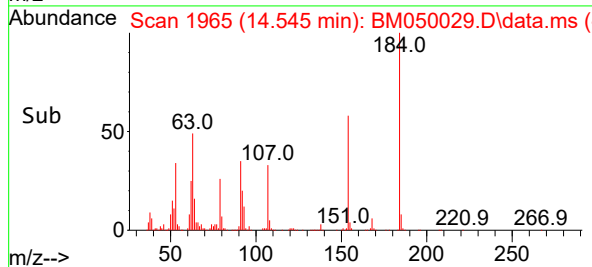
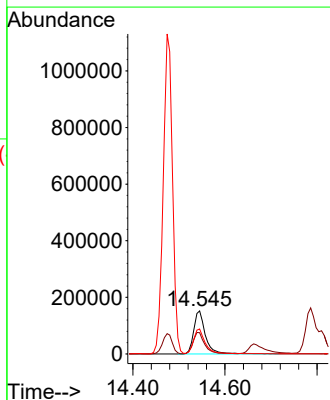
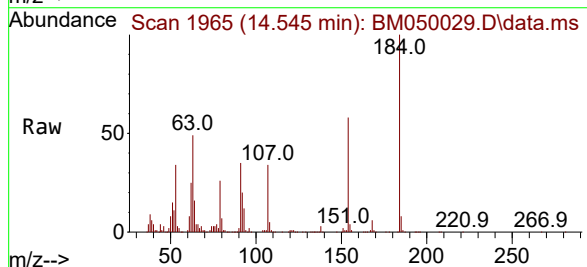
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

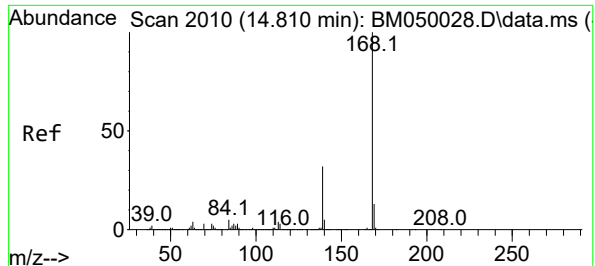
Tgt Ion:138 Resp: 450021
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 101.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515
Ion Ratio Lower Upper
184 100
63 49.3 39.8 59.6
154 58.0 46.1 69.1

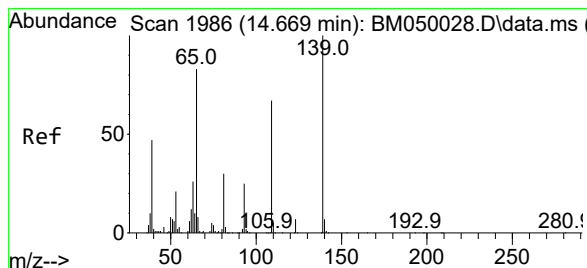
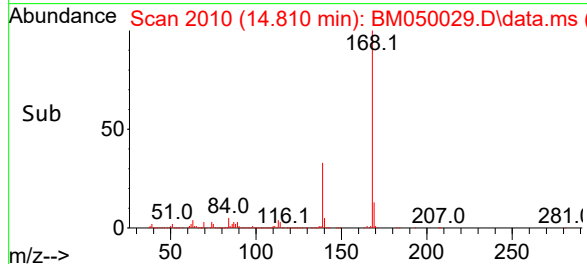
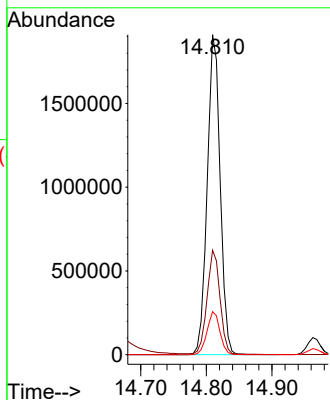
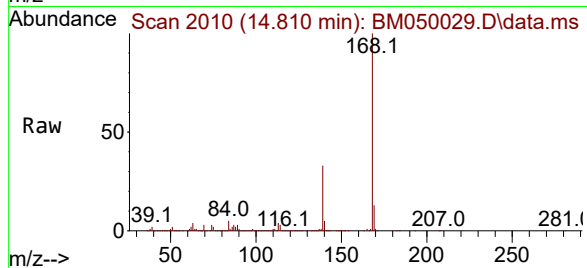




#55
Dibenzenofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

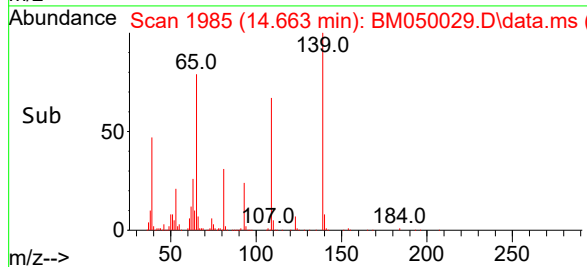
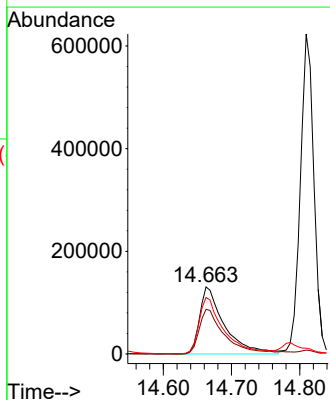
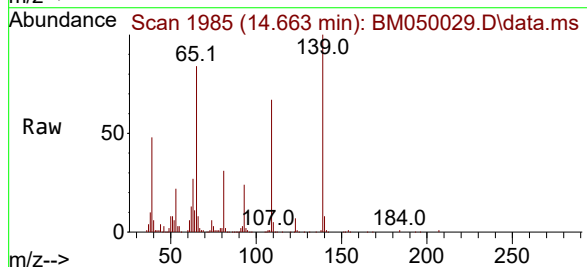
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

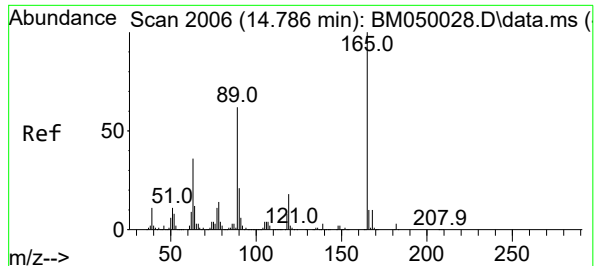
Tgt Ion:168 Resp: 2617489
Ion Ratio Lower Upper
168 100
139 32.6 26.1 39.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078
Ion Ratio Lower Upper
139 100
109 66.7 47.0 87.0
65 84.3 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 55.921 ng

RT: 14.786 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 648262

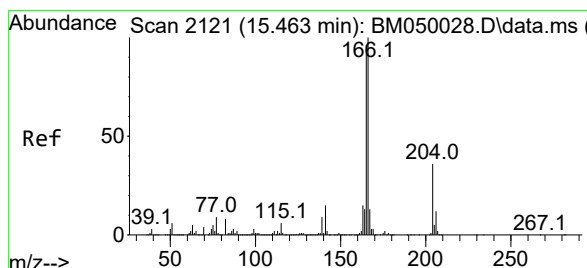
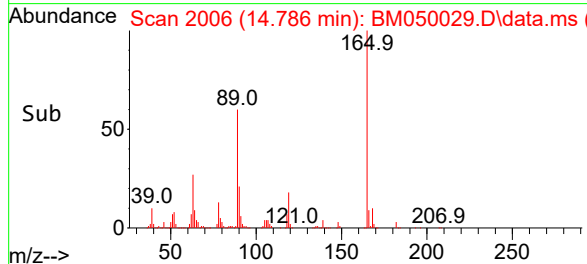
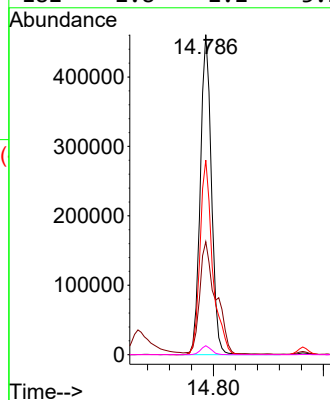
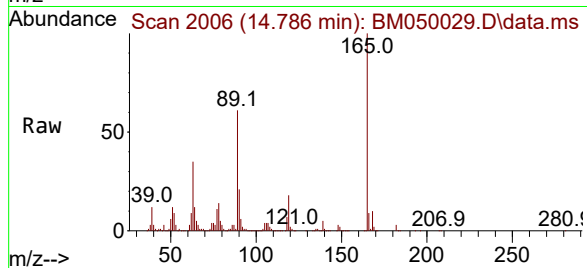
Ion Ratio Lower Upper

165 100

63 35.3 29.0 43.6

89 60.8 49.4 74.2

182 2.8 2.2 3.2



#58

Fluorene

Concen: 53.740 ng

RT: 15.462 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

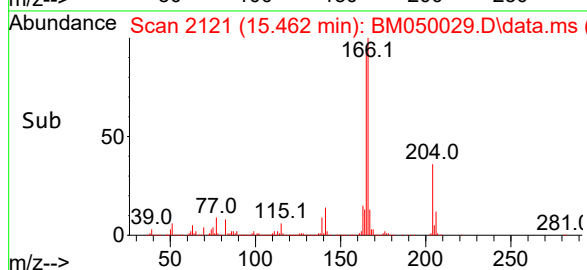
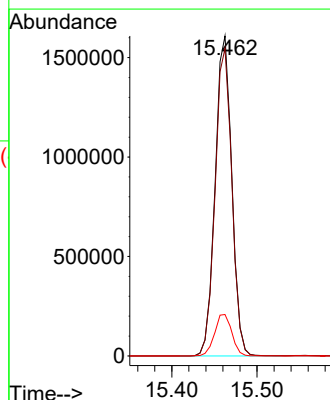
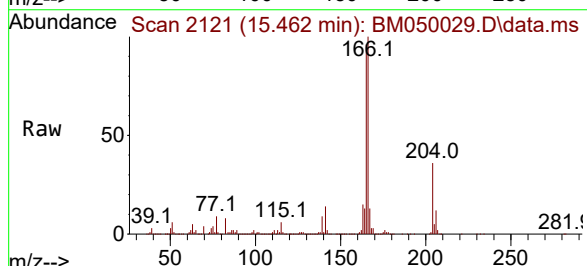
Tgt Ion:166 Resp: 2180247

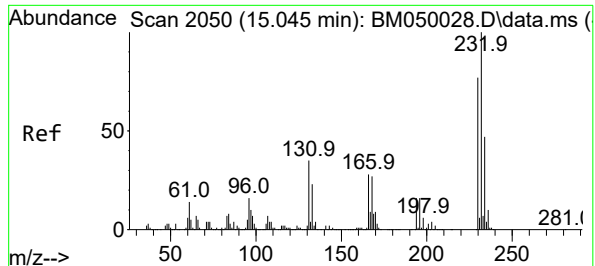
Ion Ratio Lower Upper

166 100

165 96.1 76.6 115.0

167 13.0 10.6 16.0

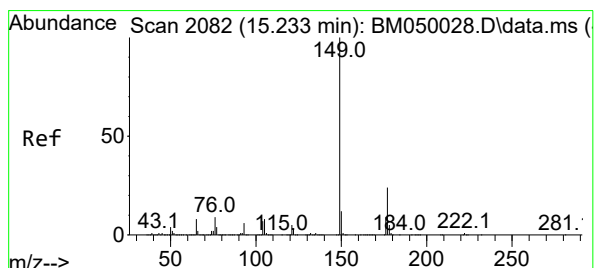
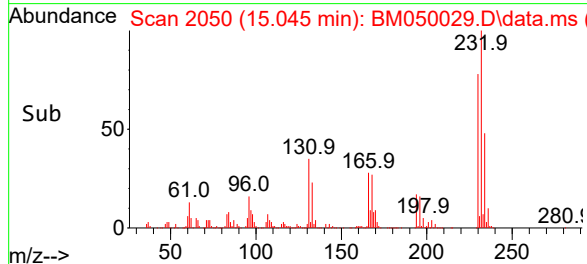
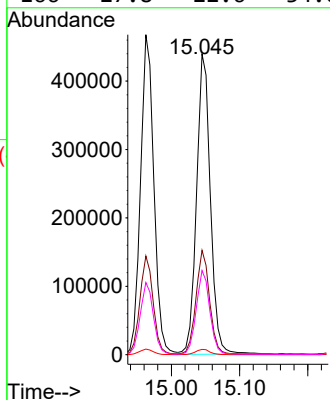
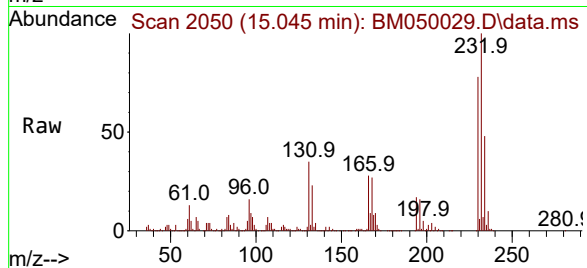




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

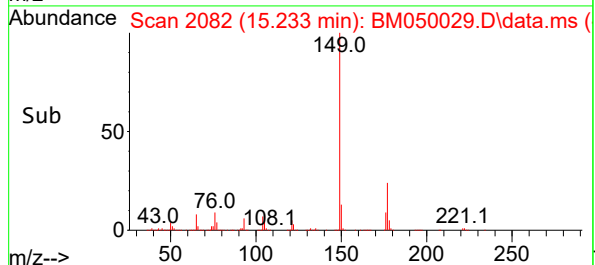
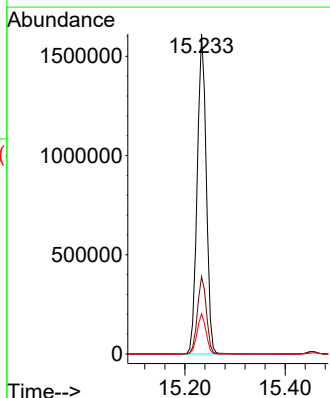
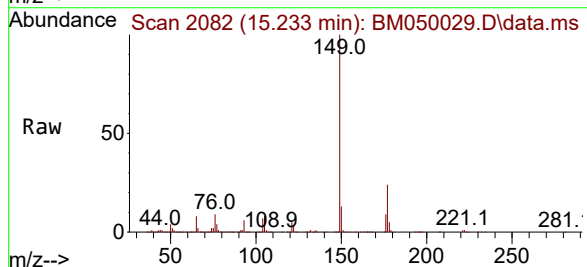
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

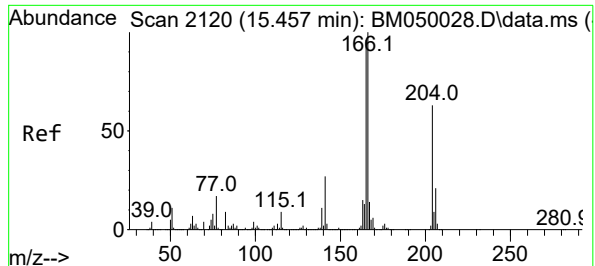
Tgt Ion:232 Resp: 617151
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.5 9.6 14.4

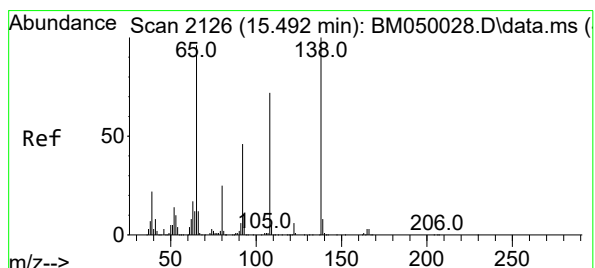
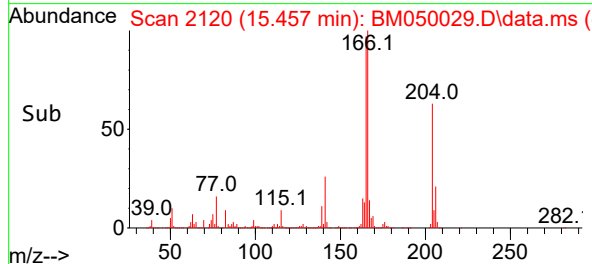
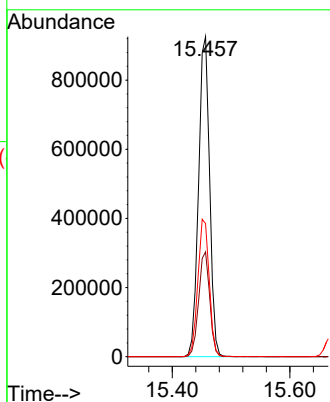
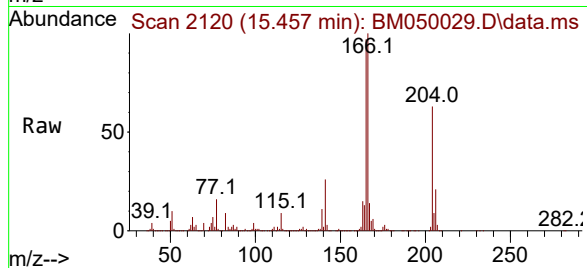




#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

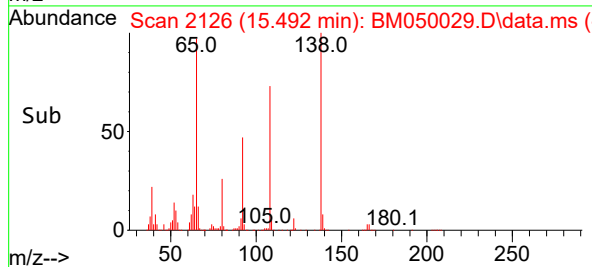
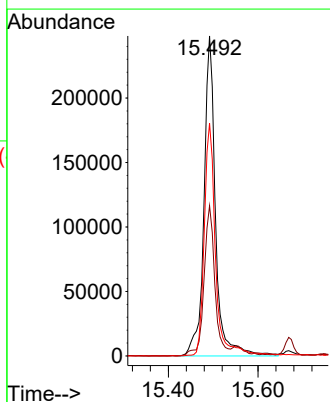
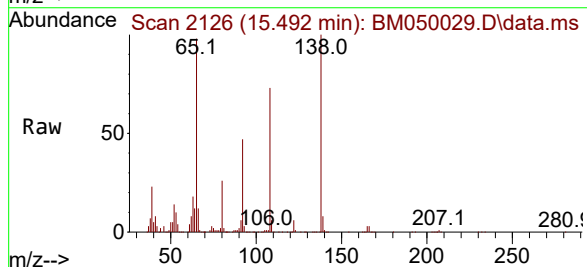
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

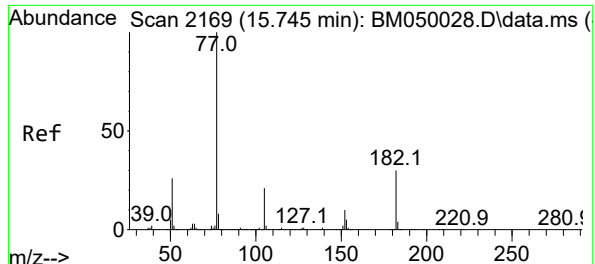
Tgt Ion:204 Resp: 1207514
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 41.6 34.0 51.0



#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520
Ion Ratio Lower Upper
138 100
92 46.9 25.9 65.9
108 72.7 52.4 92.4

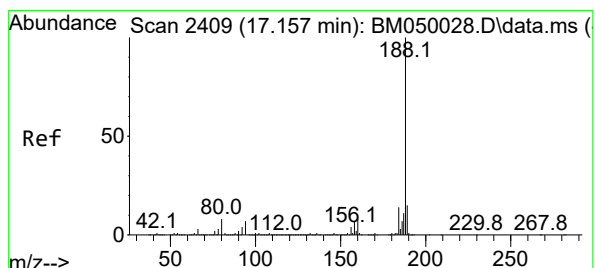
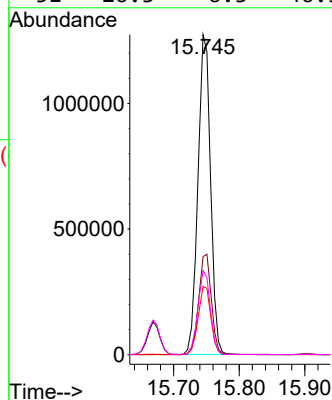
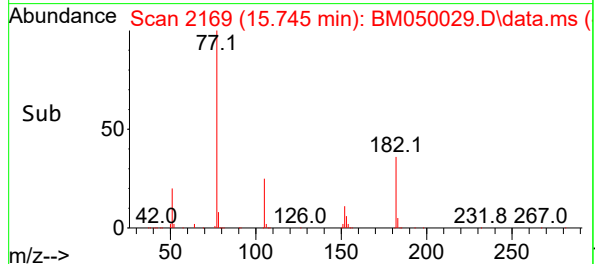
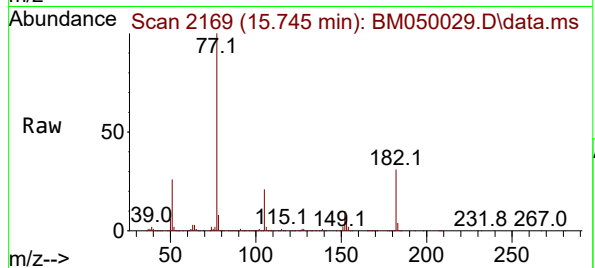




#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

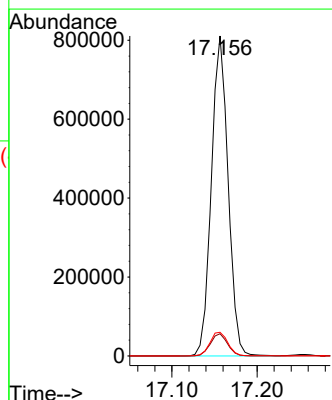
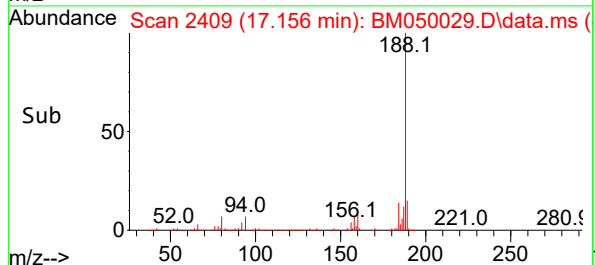
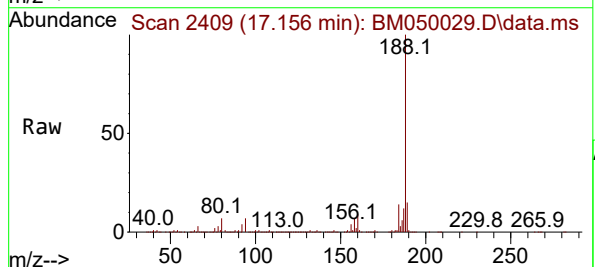
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

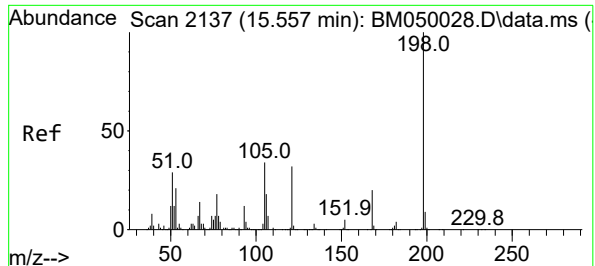
Tgt Ion: 77 Resp: 1703932
Ion Ratio Lower Upper
77 100
182 30.7 10.5 50.5
105 21.3 1.1 41.1
51 26.3 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 188 Resp: 1105769
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.4 6.2 9.4

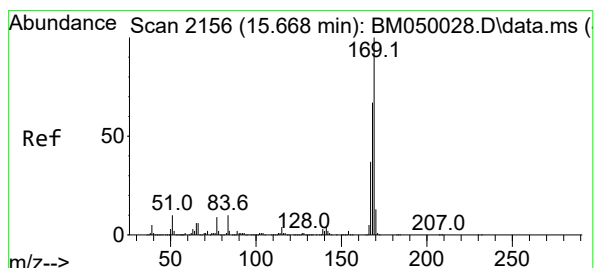
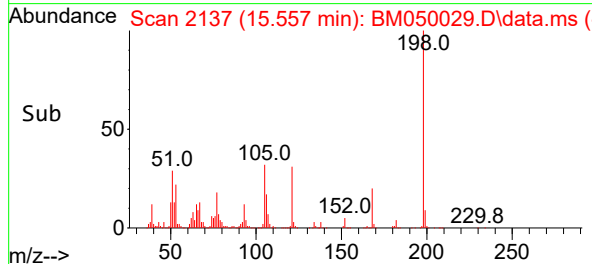
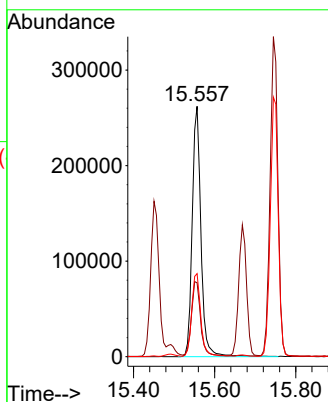
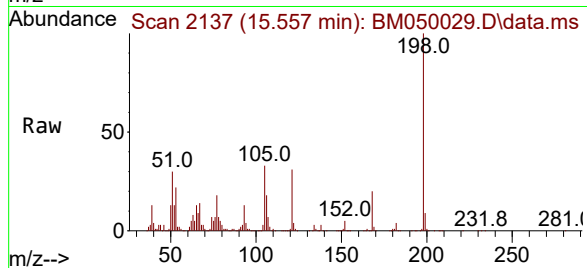




#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

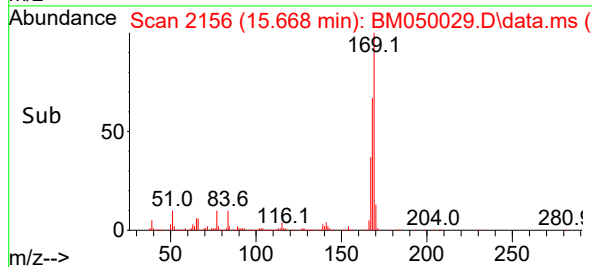
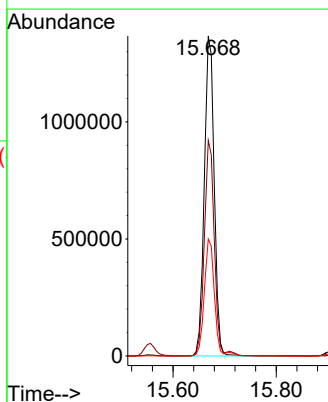
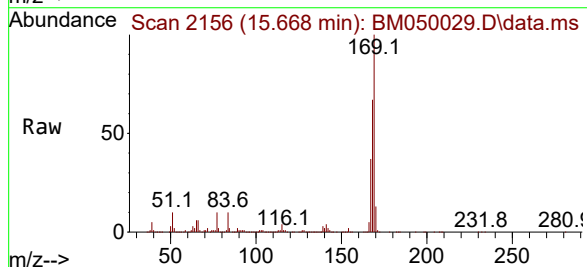
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

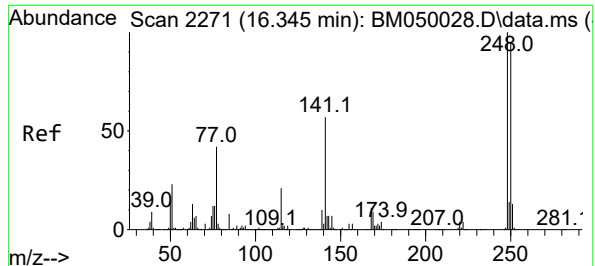
Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.5	10.4	50.4
105	33.1	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0

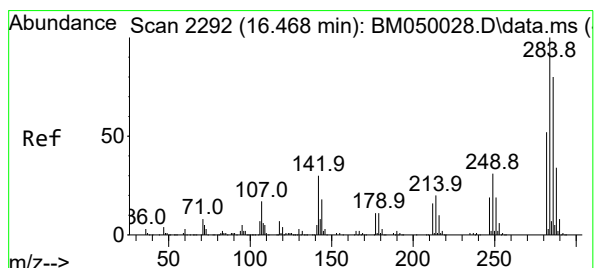
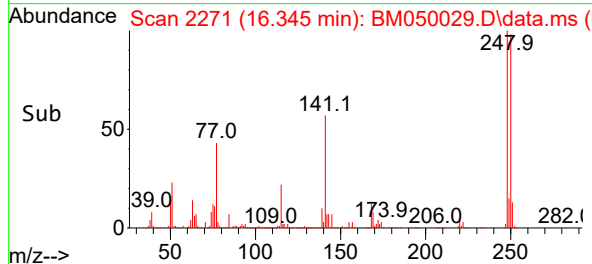
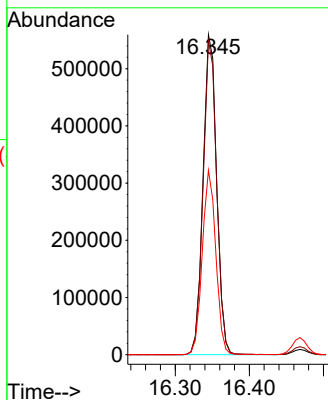
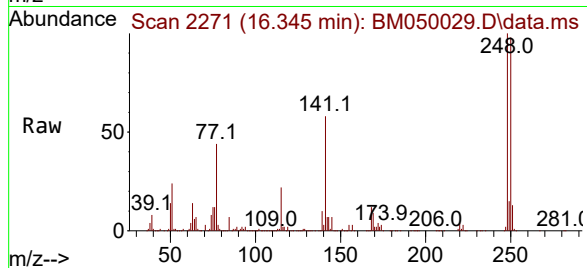




#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

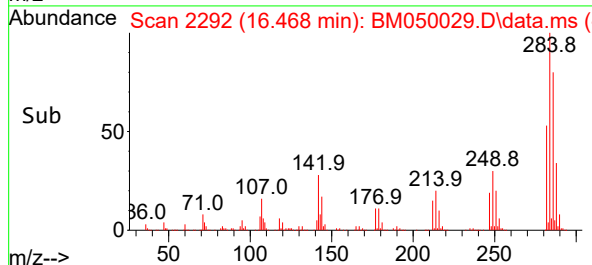
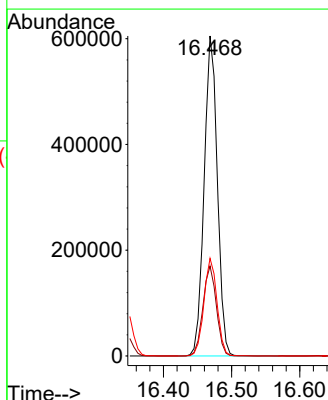
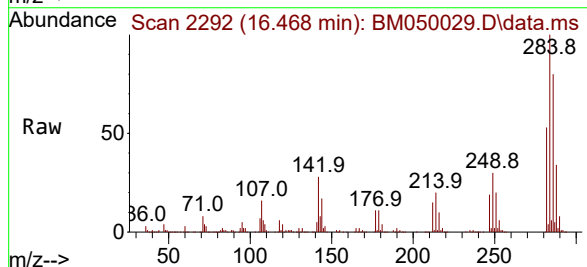
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

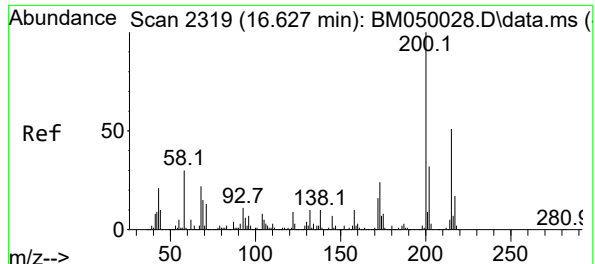
Tgt Ion:248 Resp: 713498
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.2
141 57.6 45.9 68.9



#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 30.5 24.5 36.7

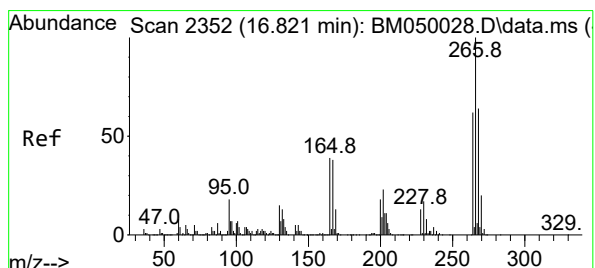
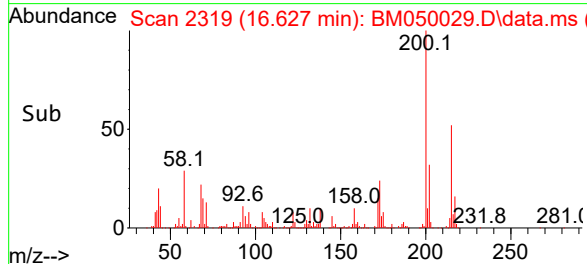
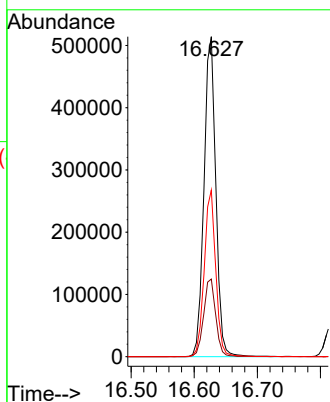
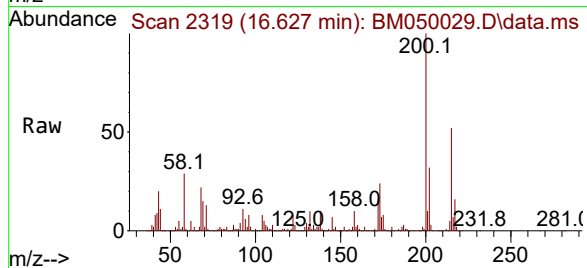




#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

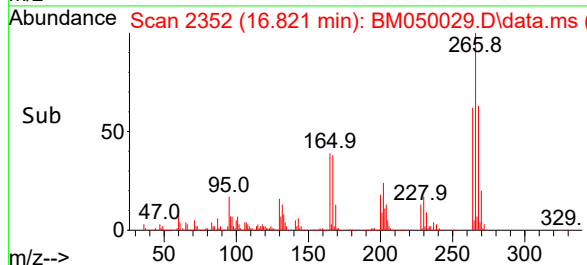
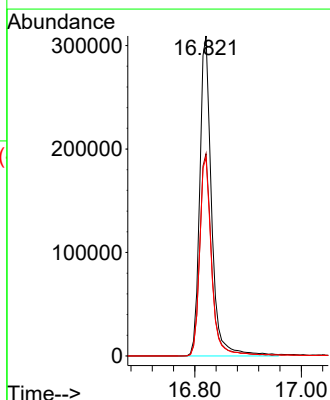
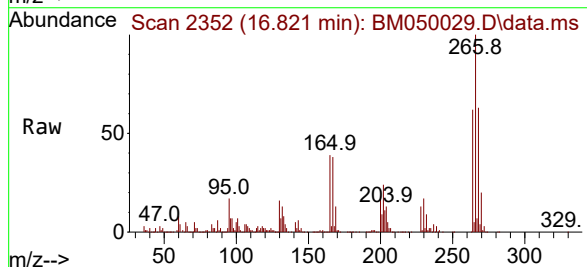
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

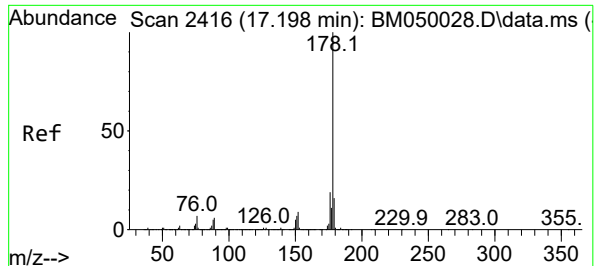
Tgt Ion:200 Resp: 669330
Ion Ratio Lower Upper
200 100
173 24.3 4.3 44.3
215 52.1 30.6 70.6



#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 62.0 49.6 74.4

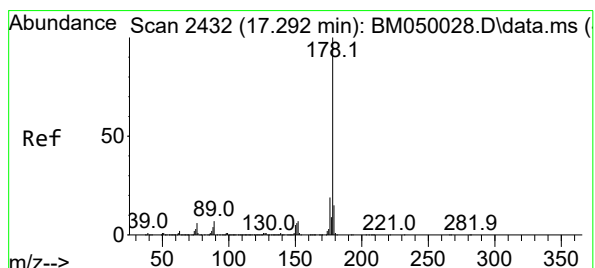
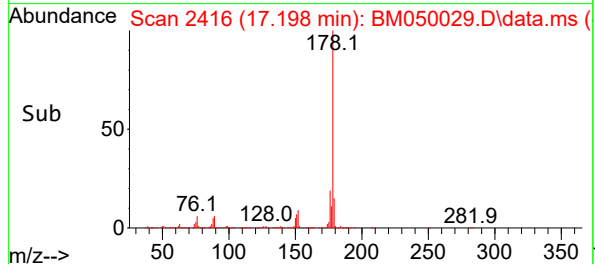
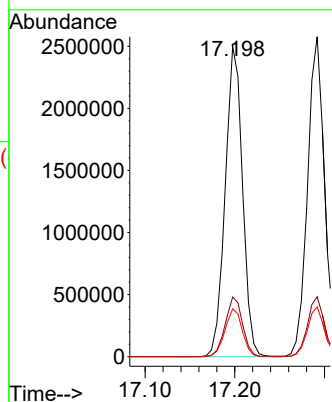
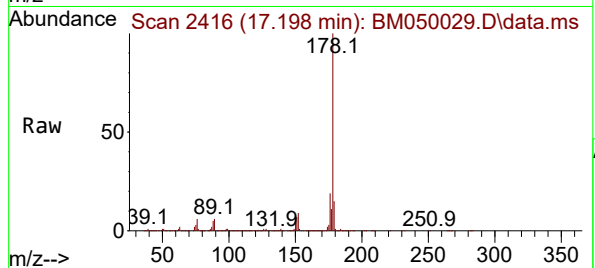




#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

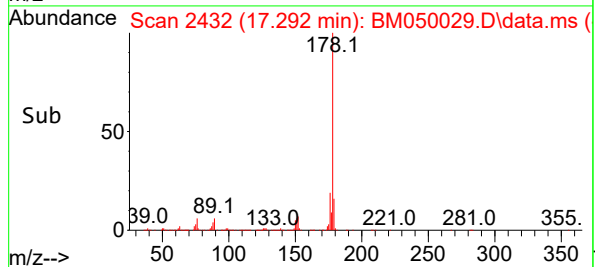
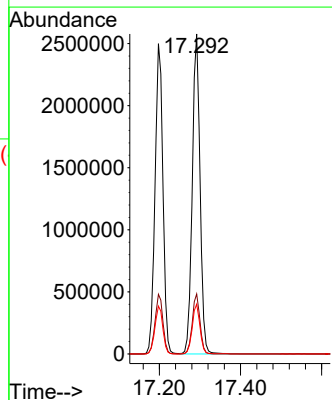
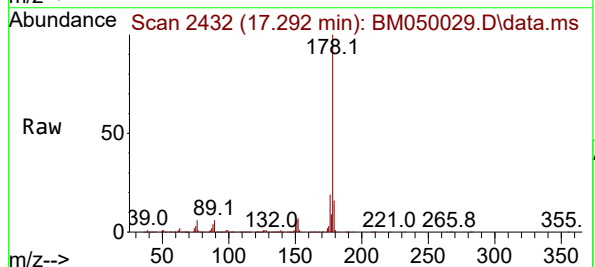
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

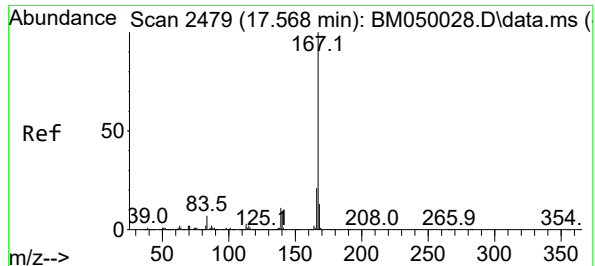
Tgt Ion:178 Resp: 3349195
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.2 18.4

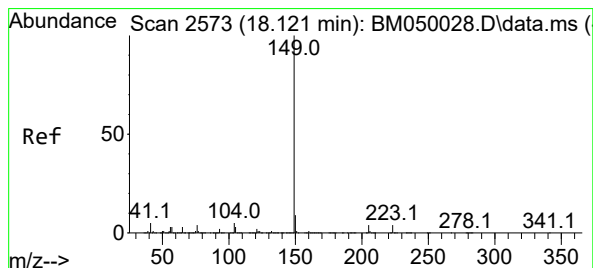
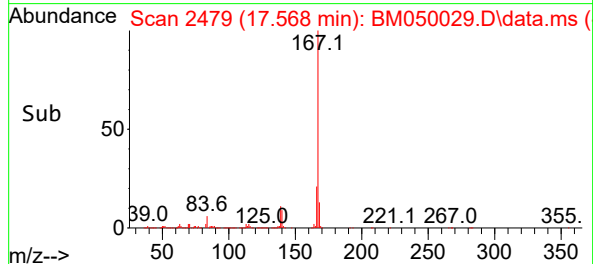
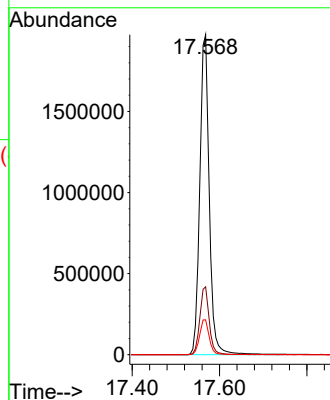
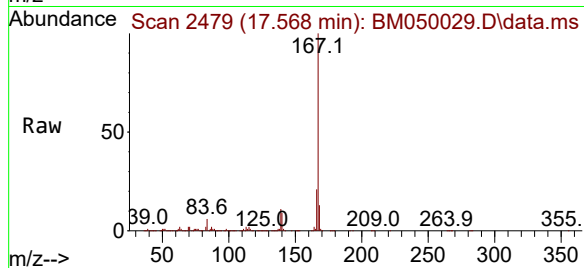




#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

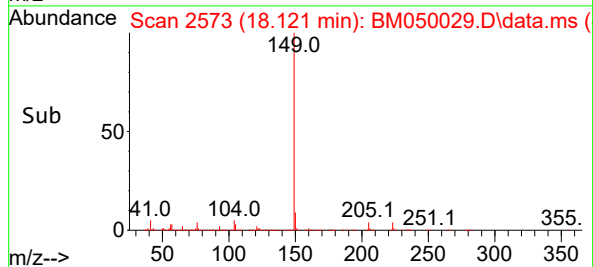
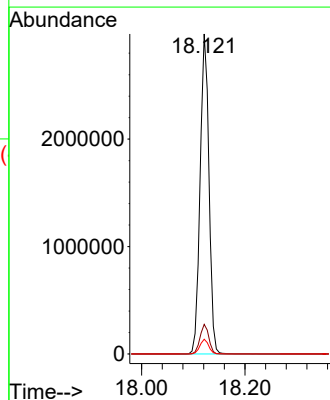
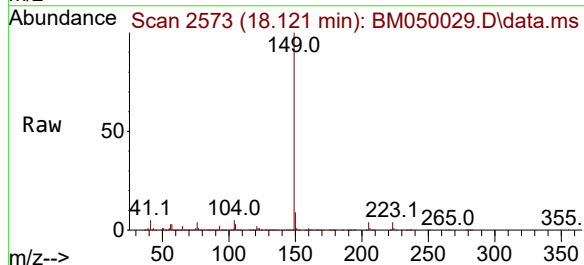
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

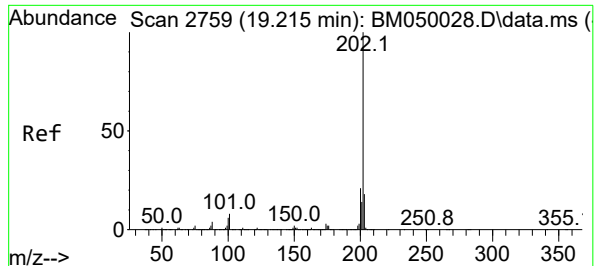
Tgt Ion:167 Resp: 2971695
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.9 9.0 13.6



#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.8 5.6

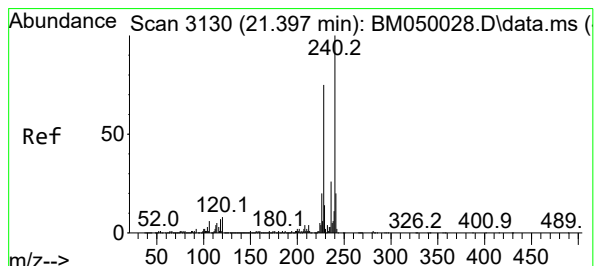
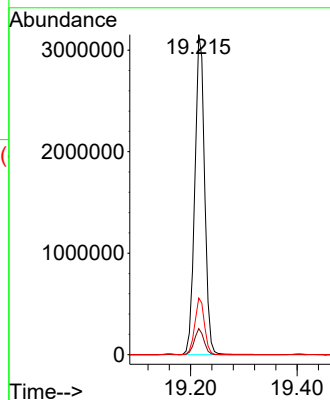
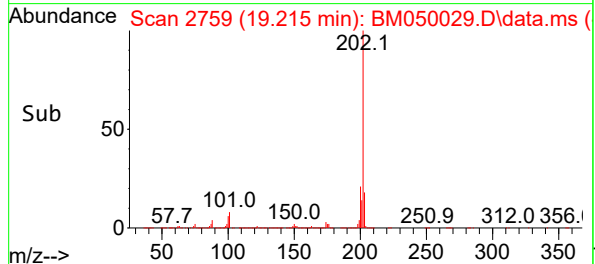
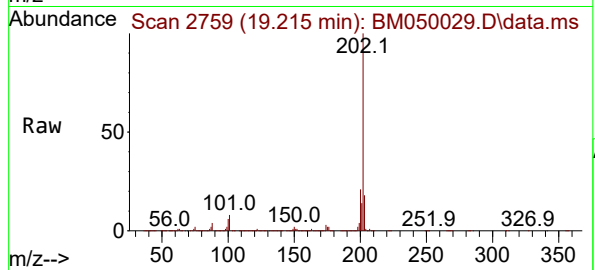




#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

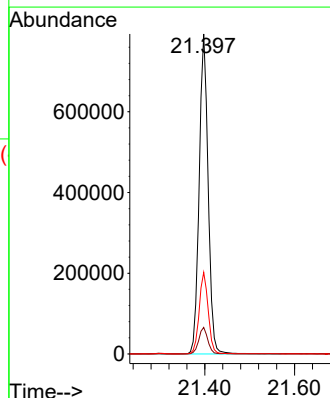
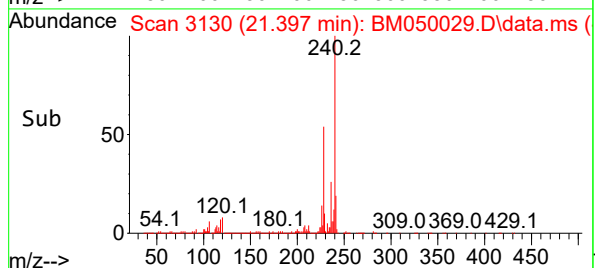
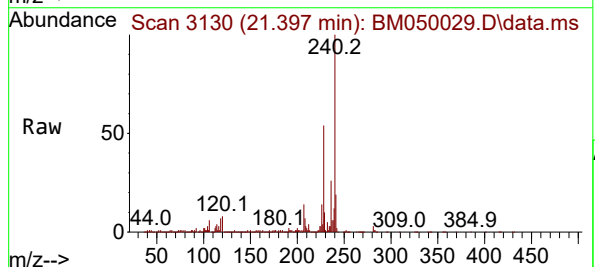
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

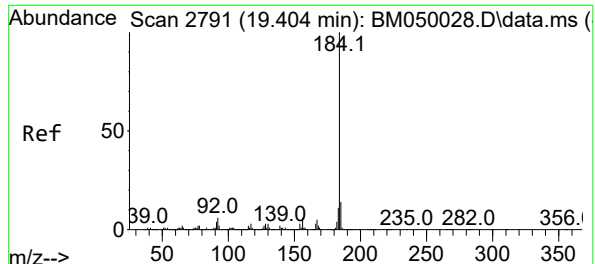
Tgt Ion:202 Resp: 4021516
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 25.5 20.9 31.3

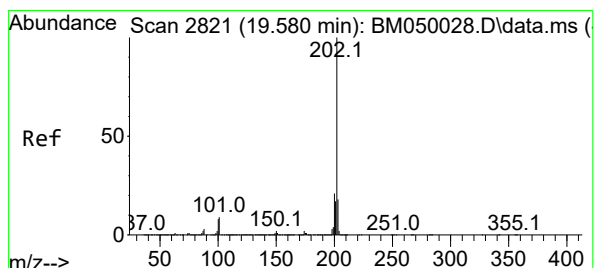
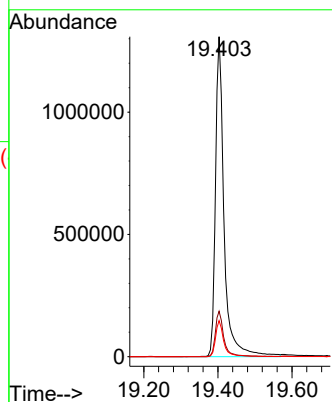
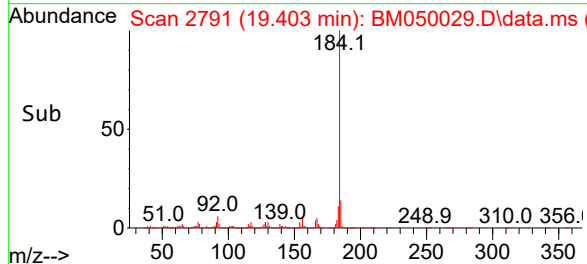
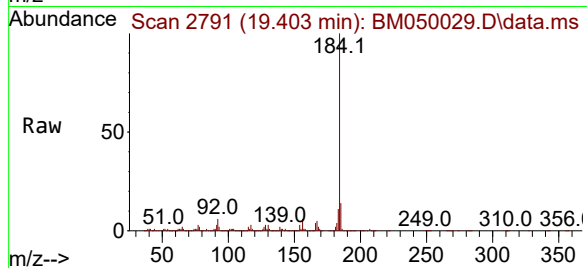




#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

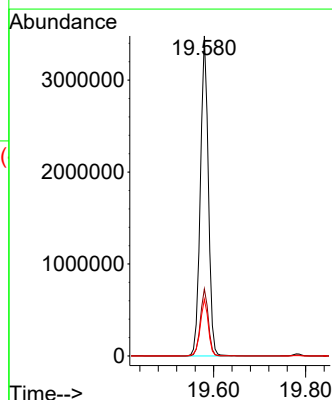
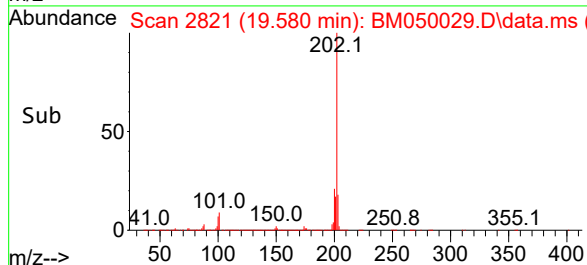
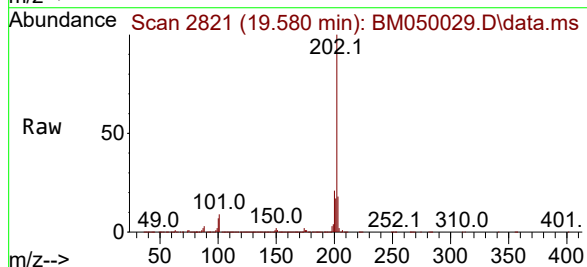
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

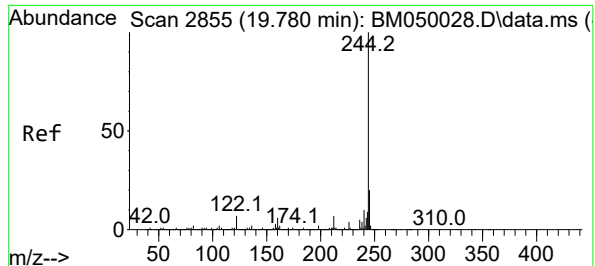
Tgt Ion:184 Resp: 2110748
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1

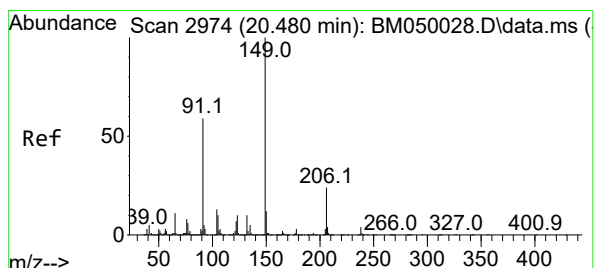
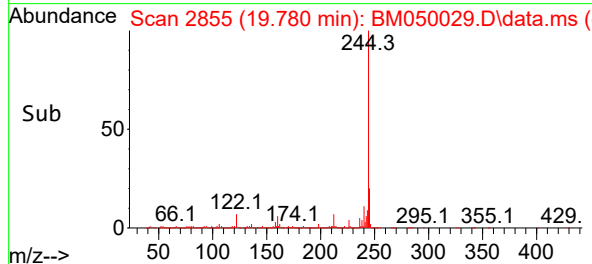
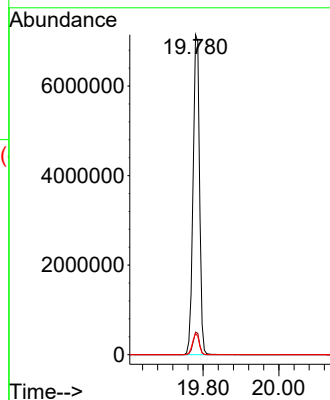
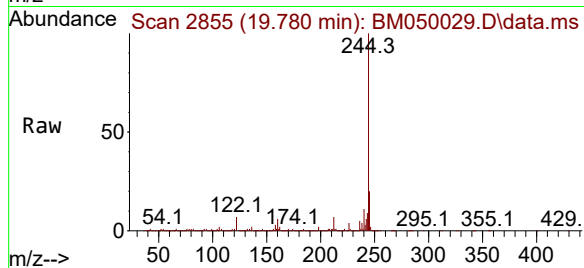




#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

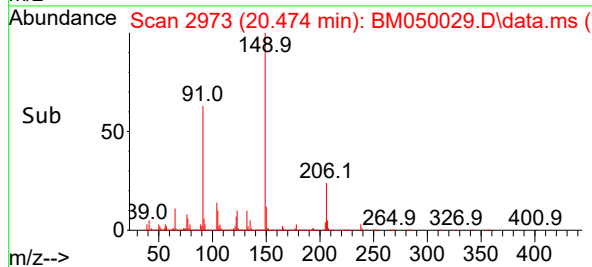
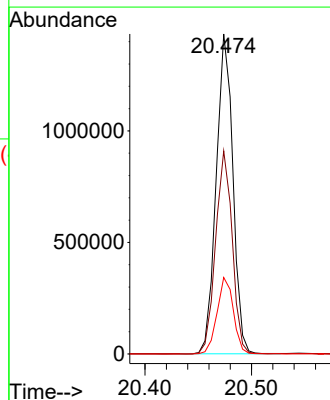
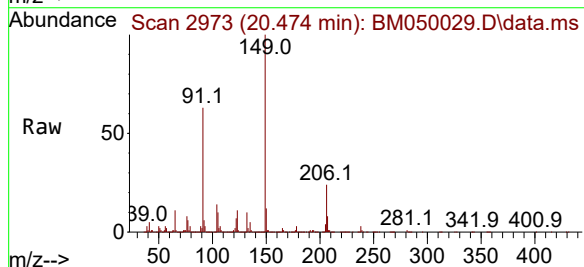
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

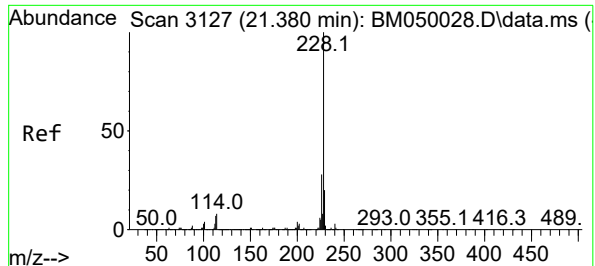
Tgt Ion:244 Resp: 8457811
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.7 5.6 8.4



#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463
Ion Ratio Lower Upper
149 100
91 63.4 47.4 71.2
206 23.9 19.4 29.0

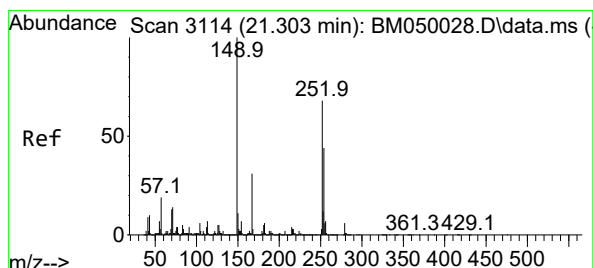
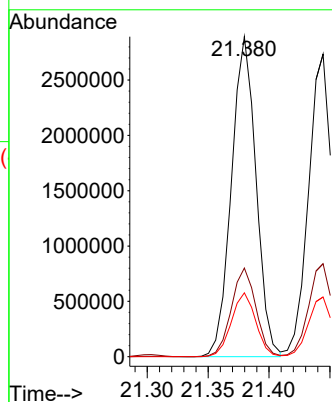
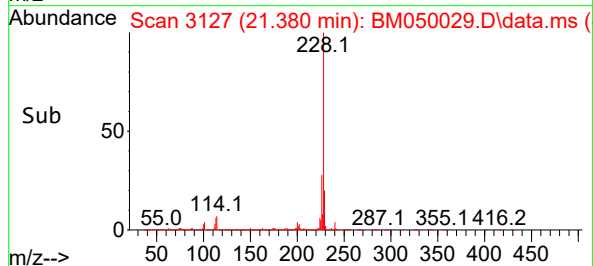
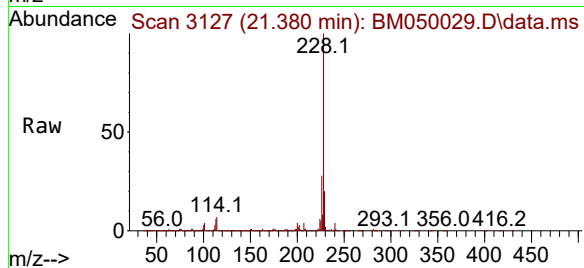




#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

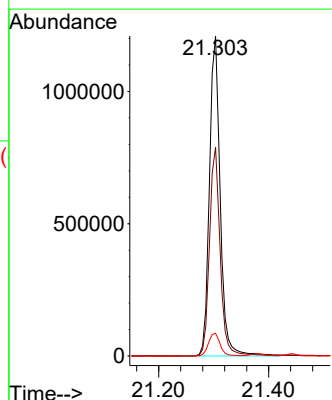
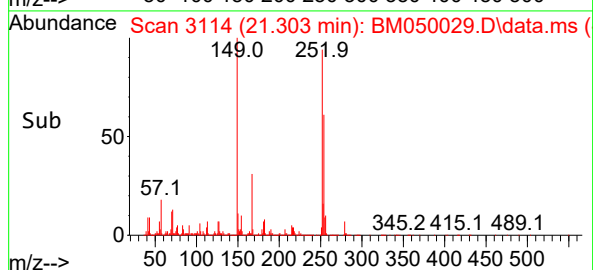
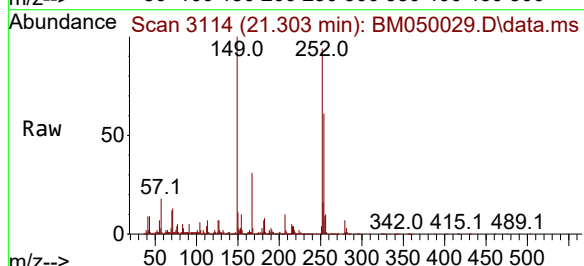
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

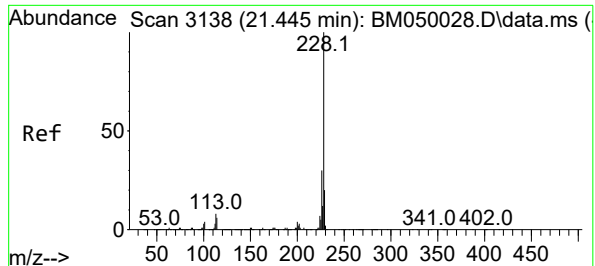
Tgt Ion:228 Resp: 4058011
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 7.1 6.0 9.0





#83

Chrysene

Concen: 53.683 ng

RT: 21.444 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

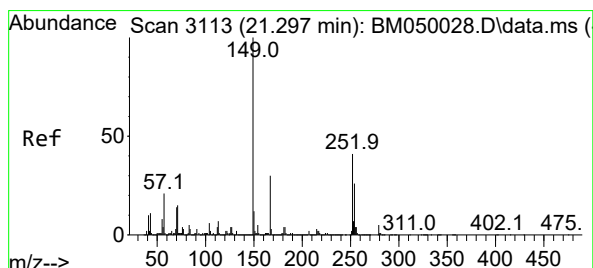
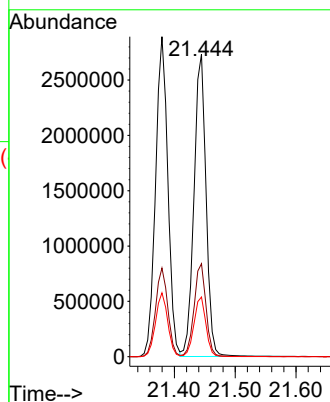
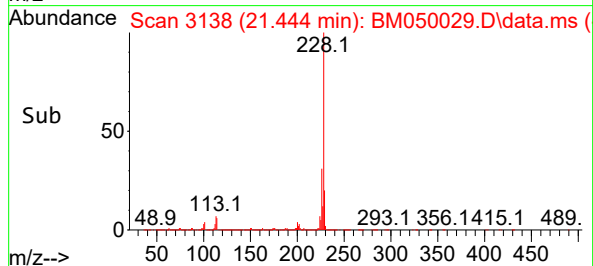
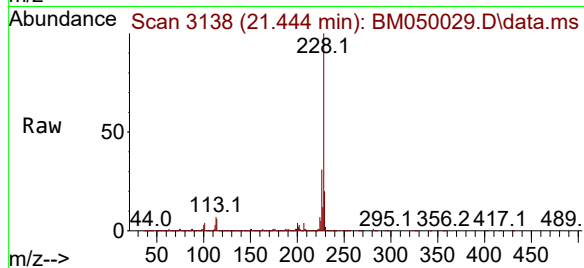
Tgt Ion:228 Resp: 3755543

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.194 ng

RT: 21.297 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

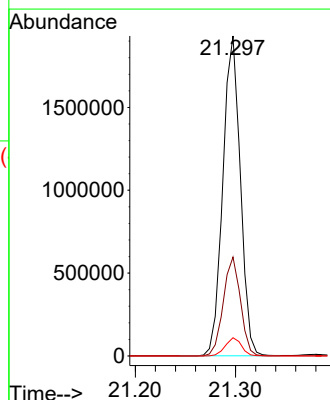
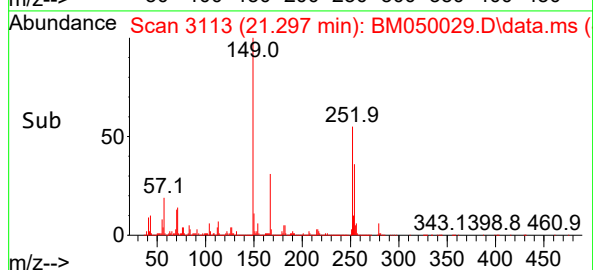
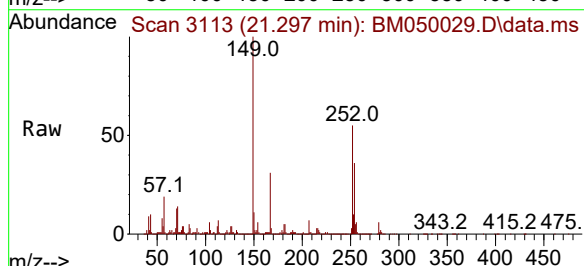
Tgt Ion:149 Resp: 2336926

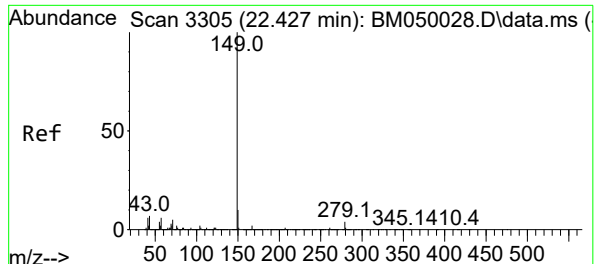
Ion Ratio Lower Upper

149 100

167 30.9 24.1 36.1

279 5.7 3.9 5.9

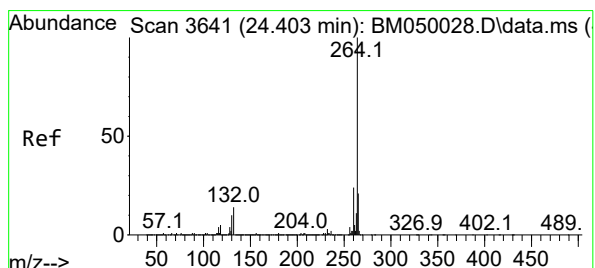
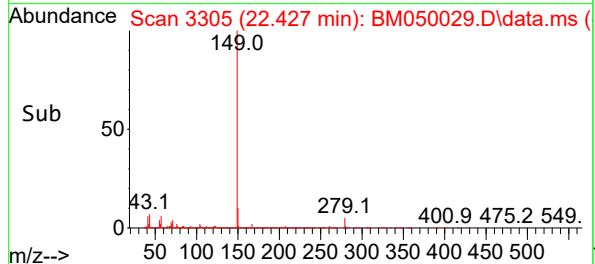
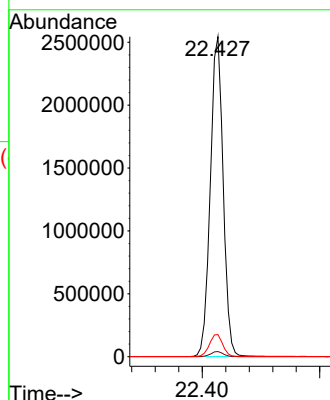
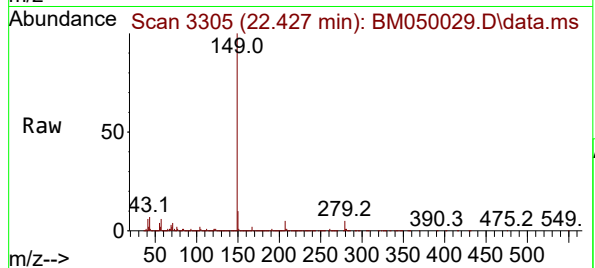




#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

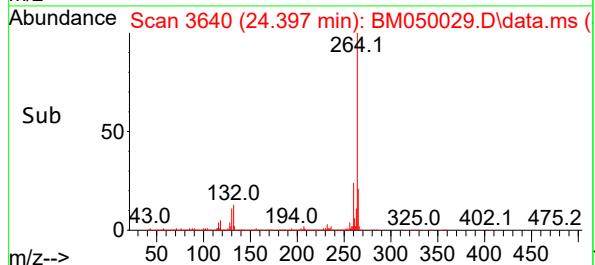
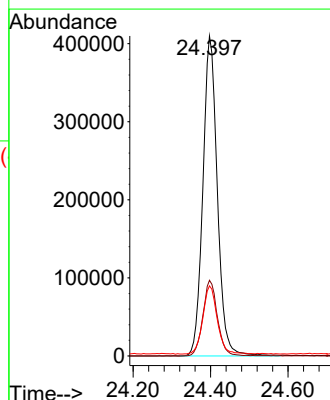
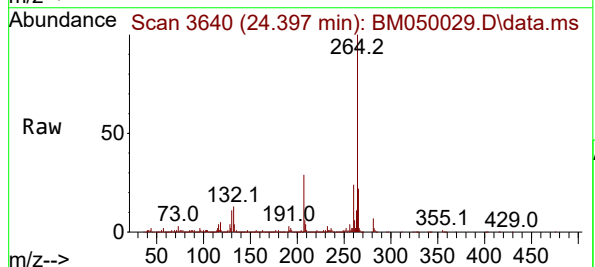
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

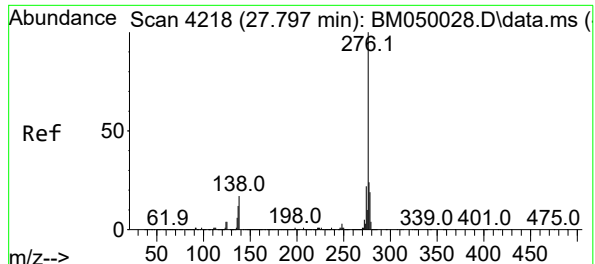
Tgt Ion:149 Resp: 3852190
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.2 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.9 17.0 25.4

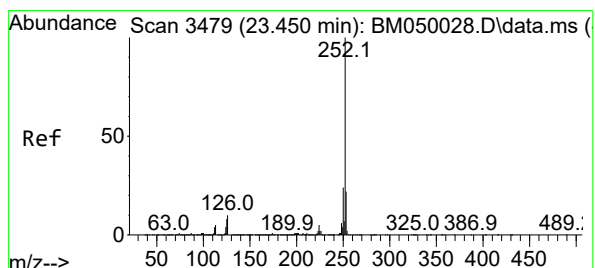
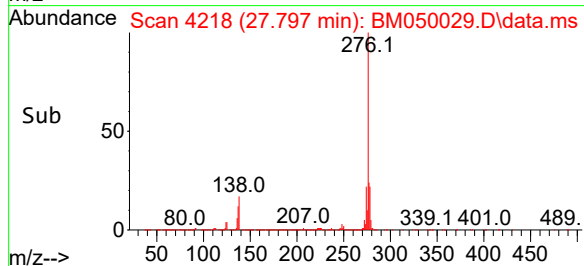
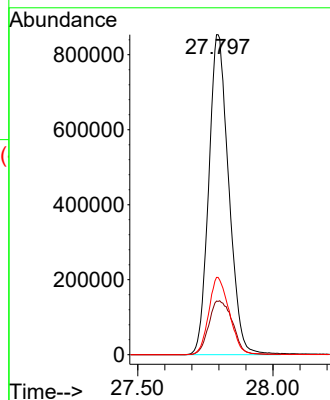
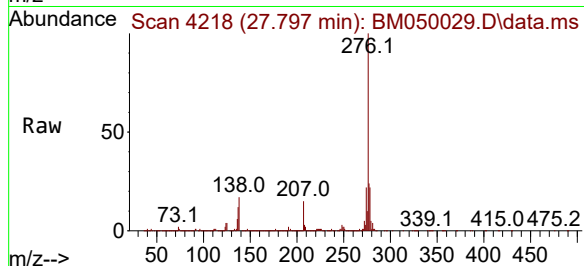




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4218
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

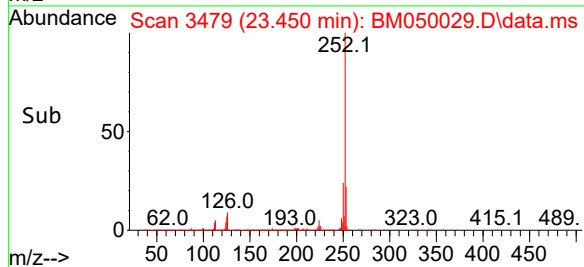
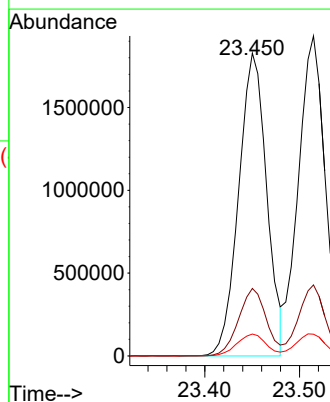
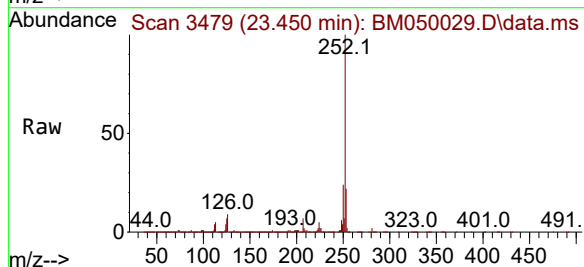
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

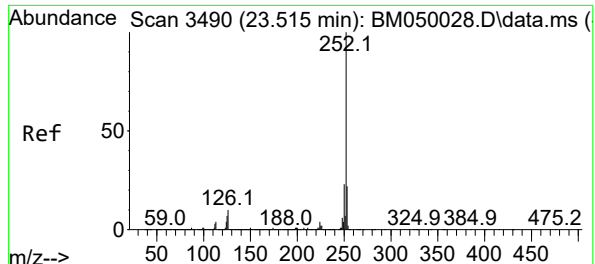
Tgt Ion:276 Resp: 4369253
Ion Ratio Lower Upper
276 100
138 20.1 16.4 24.6
277 24.9 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 55.037 ng

RT: 23.515 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

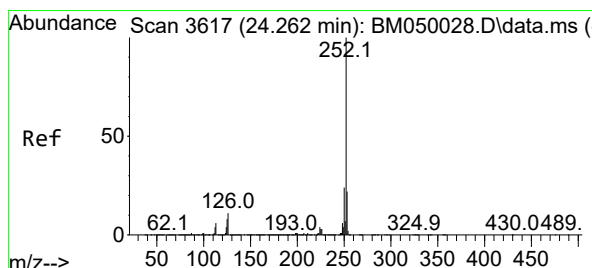
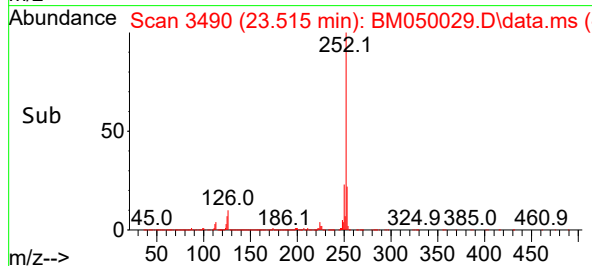
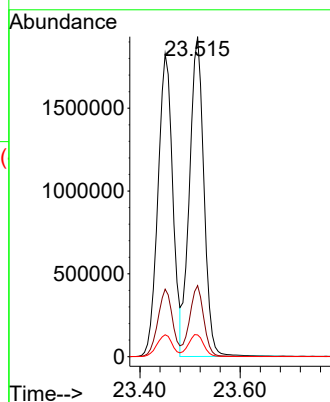
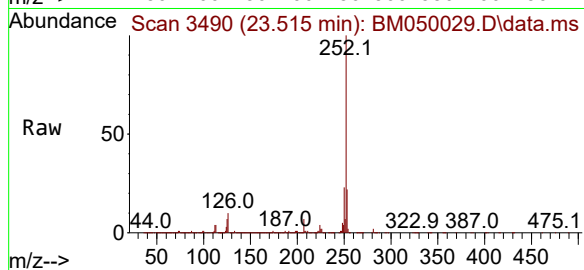
Tgt Ion:252 Resp: 3844095

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 6.8 5.8 8.8



#90

Benzo(a)pyrene

Concen: 54.588 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

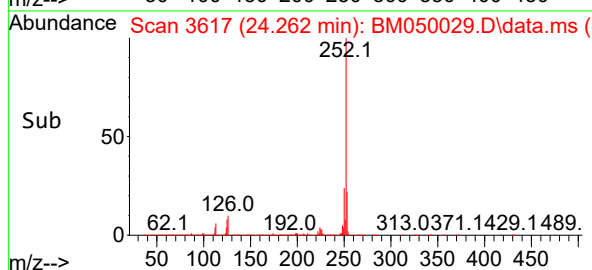
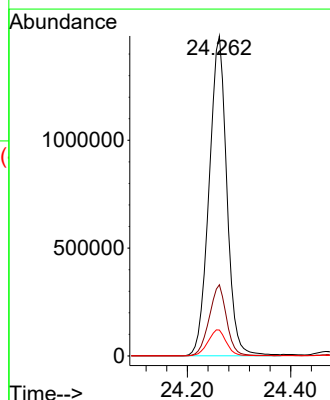
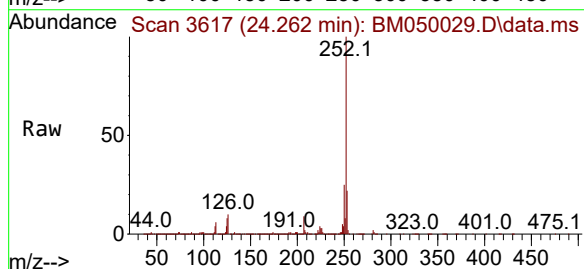
Tgt Ion:252 Resp: 3529489

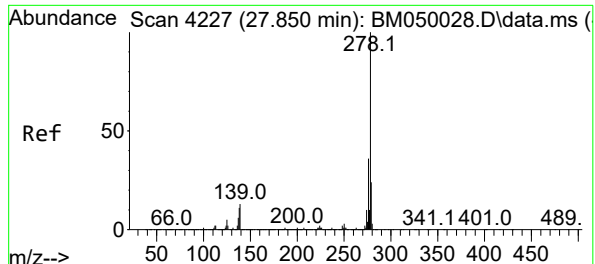
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.1 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 55.448 ng

RT: 27.838 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

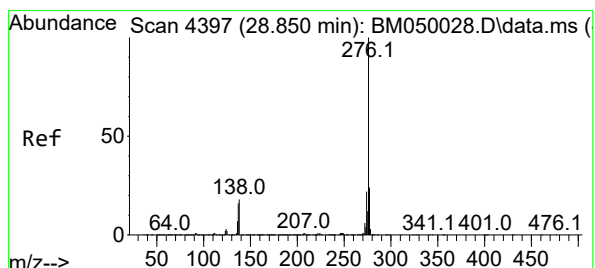
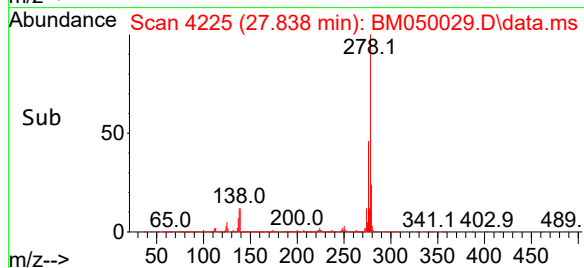
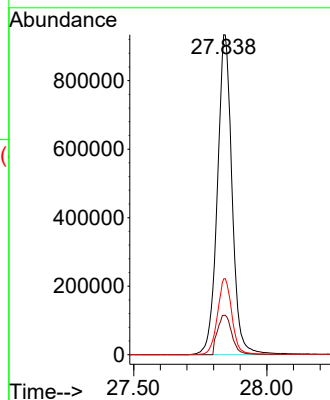
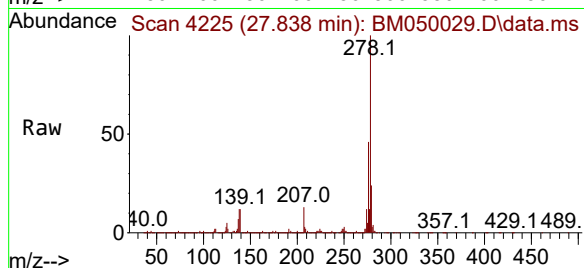
Tgt Ion:278 Resp: 3575099

Ion Ratio Lower Upper

278 100

139 12.3 10.5 15.7

279 23.7 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 54.494 ng

RT: 28.850 min Scan# 4397

Delta R.T. -0.000 min

Lab File: BM050029.D

Acq: 28 Apr 2025 15:45

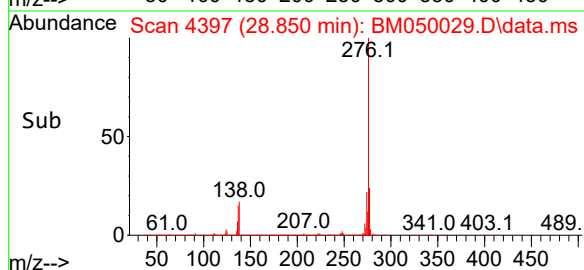
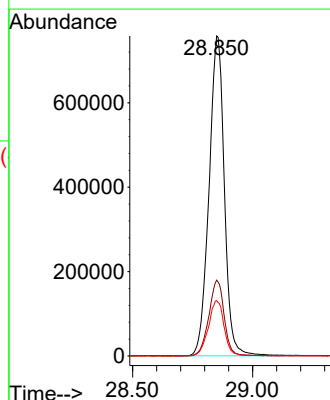
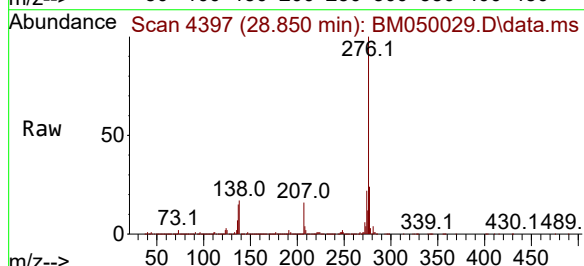
Tgt Ion:276 Resp: 3363778

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.3 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng	0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng	0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng	0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng	0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng	99
3) Pyridine	3.658	79	923444	61.631	ng	99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng	98
6) Aniline	7.098	93	1339587	62.058	ng	100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng	99
9) Benzaldehyde	6.910	77	683177	59.793	ng	99
10) Phenol	6.981	94	1072175	61.956	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng	100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng	98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng	100
17) 2-Methylphenol	8.228	107	705836	61.914	ng	99
18) Hexachloroethane	8.845	117	380742	60.018	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng	100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng	97
22) Acetophenone	8.592	105	1325893	61.030	ng	# 99
24) Nitrobenzene	8.969	77	938300	61.193	ng	99
25) Isophorone	9.498	82	1845274	61.044	ng	99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng	99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng	100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng	100
31) Naphthalene	10.610	128	2682942	60.626	ng	100
32) Benzoic acid	9.928	122	556598	67.178	ng	98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng	99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng	99
35) Caprolactam	11.528	113	266678	62.845	ng	98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng	100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng	99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng	100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

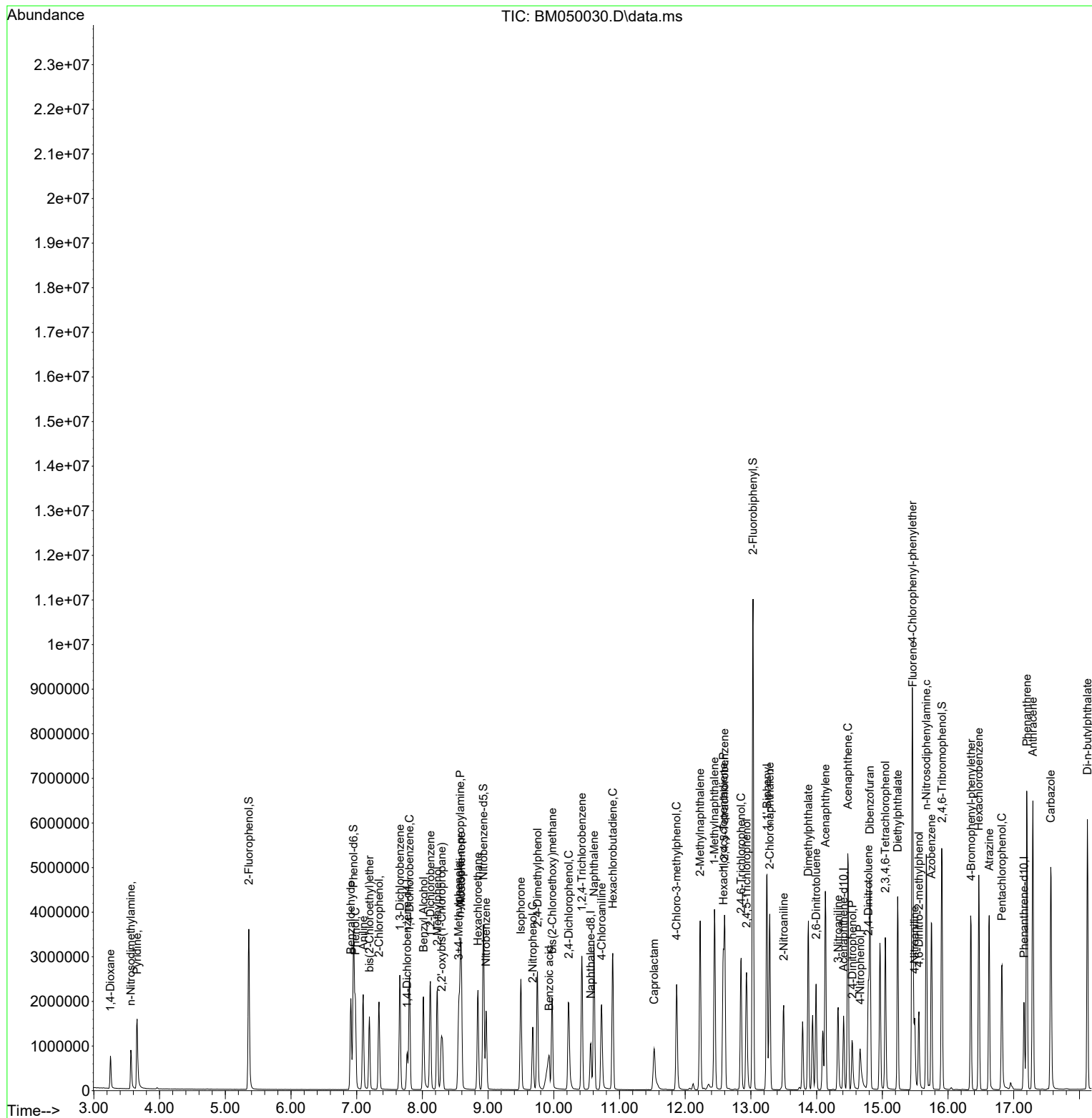
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng	99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng	99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng	100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng	99
49) Acenaphthylene	14.133	152	3292902	61.060	ng	100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng	100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng	99
52) Acenaphthene	14.474	154	1906973	61.089	ng	100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng	99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng	97
55) Dibenzofuran	14.810	168	3154566	60.738	ng	100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng	99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng	98
58) Fluorene	15.463	166	2614340	61.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng	98
60) Diethylphthalate	15.233	149	2397624	59.930	ng	99
61) 4-Chlorophenyl-phenylether	15.457	204	1457099	62.403	ng	98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng	98
63) Azobenzene	15.745	77	2030208	60.550	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng	98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng	95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng	97
69) Atrazine	16.627	200	802538	63.312	ng	99
70) Pentachlorophenol	16.821	266	584874	65.136	ng	99
71) Phenanthrene	17.198	178	4028280	62.410	ng	99
72) Anthracene	17.292	178	4088295	62.590	ng	100
73) Carbazole	17.562	167	3562573	62.854	ng	100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng	100
75) Fluoranthene	19.215	202	4891273	64.546	ng	100
77) Benzidine	19.404	184	2626747	64.592	ng	100
78) Pyrene	19.580	202	5030035	62.565	ng	100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng	96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng	99
83) Chrysene	21.445	228	4549388	62.348	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	# 97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng	99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng	99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng	100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng	99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050030.D
 Acq On : 28 Apr 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Apr 28 17:58:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration



Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Abundance

TIC: BM050030.D\data.ms

Time-->

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d4, S

Butylbenzylphthalate

Chrysene-d12

Chrysene

Benzo(a)anthracene

Benzo(a)anthracene

Di-n-octyl phthalate, c

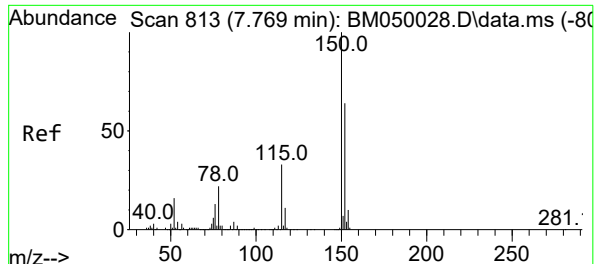
Benzo(a)pyrene

Benzo(a)pyrene, C

Perylene-d12, I

Indeno(1,2,3-cd)pyrene

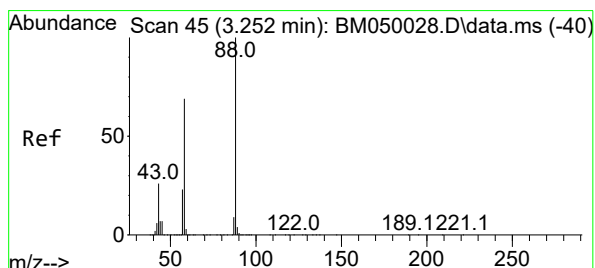
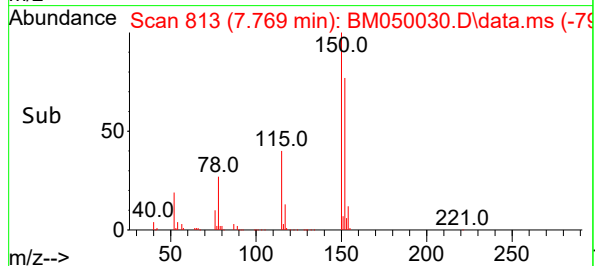
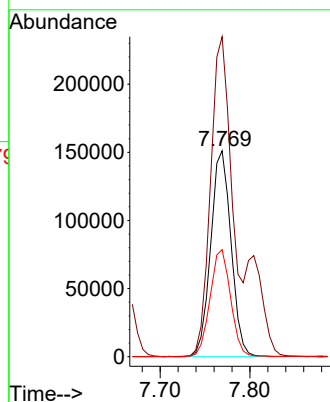
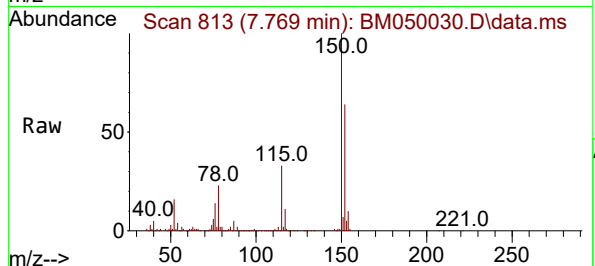
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

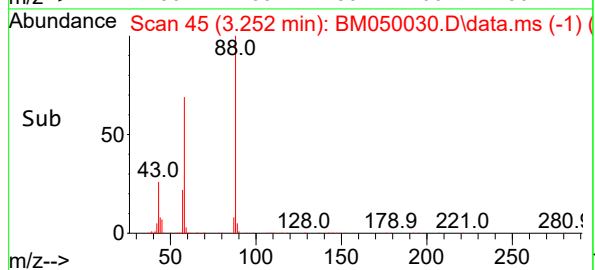
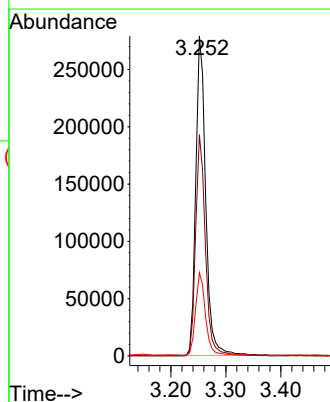
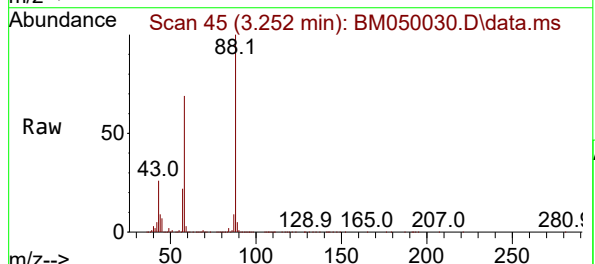
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

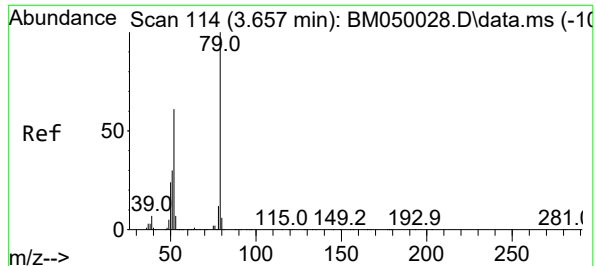
Tgt Ion:152 Resp: 238160
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 52.0 41.2 61.8



#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690
Ion Ratio Lower Upper
88 100
58 68.4 55.1 82.7
43 25.4 20.9 31.3

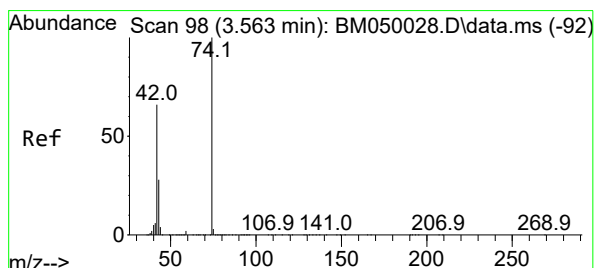
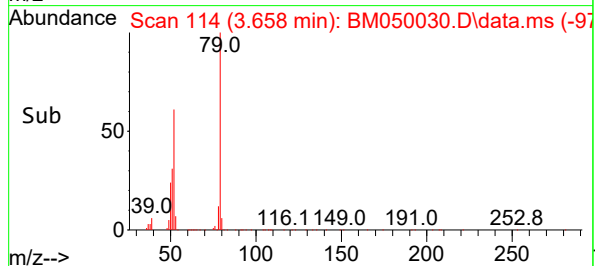
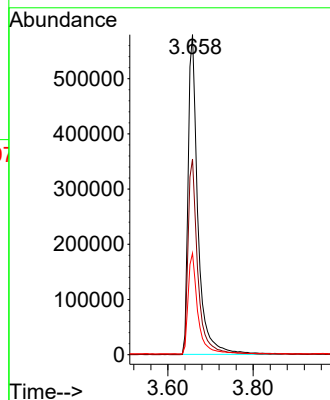
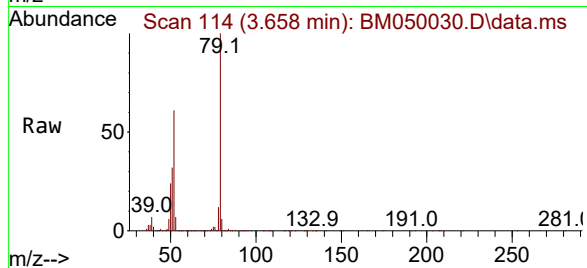




#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

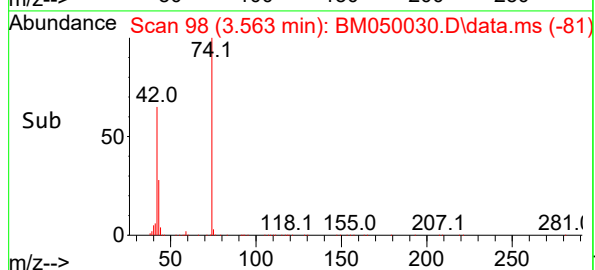
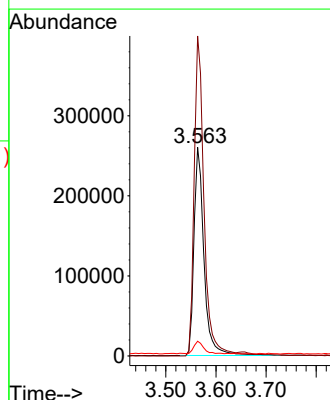
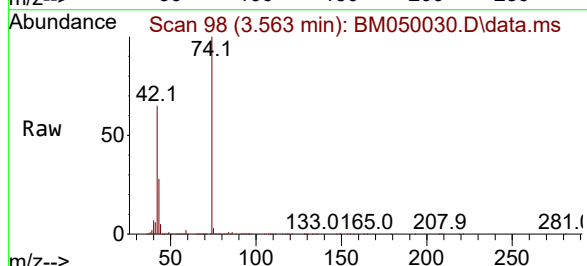
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

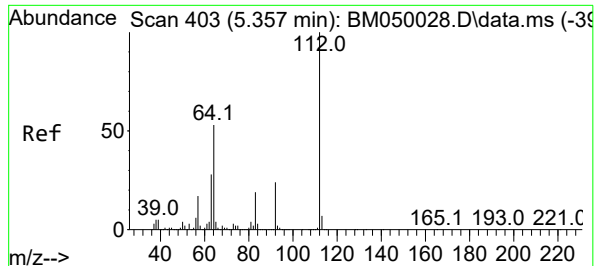
Tgt Ion: 79 Resp: 923444
Ion Ratio Lower Upper
79 100
52 61.2 48.6 72.8
51 31.7 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090
Ion Ratio Lower Upper
42 100
74 153.4 120.2 180.2
44 7.1 6.2 9.2





#5

2-Fluorophenol

Concen: 123.234 ng

RT: 5.357 min Scan# 403

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

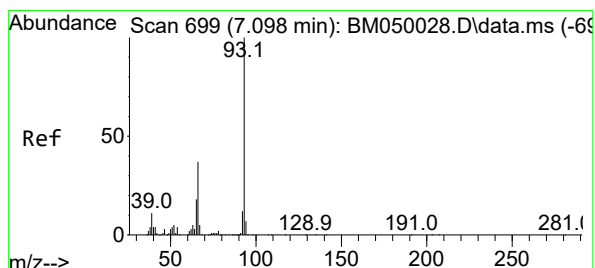
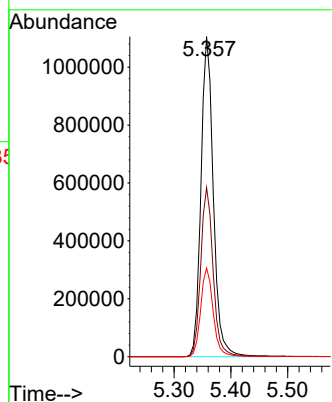
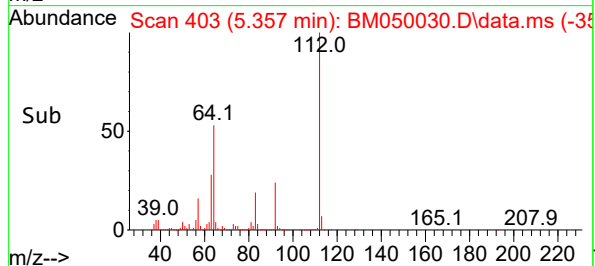
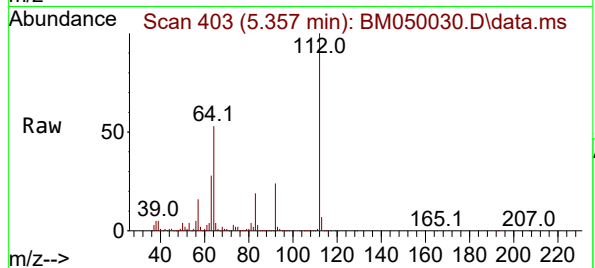
Tgt Ion:112 Resp: 1676078

Ion Ratio Lower Upper

112 100

64 52.8 42.6 64.0

63 27.7 22.2 33.4



#6

Aniline

Concen: 62.058 ng

RT: 7.098 min Scan# 699

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

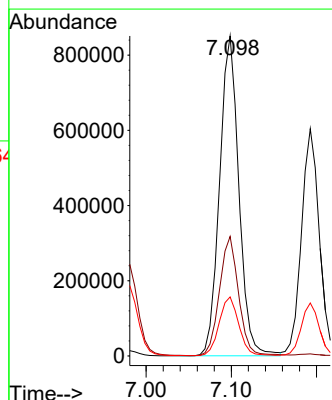
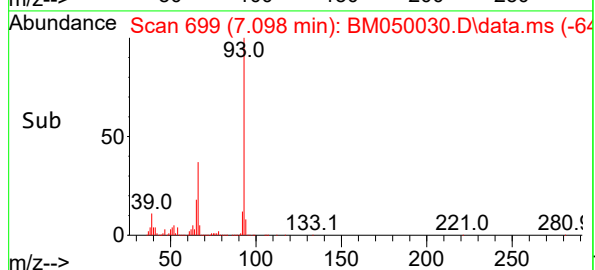
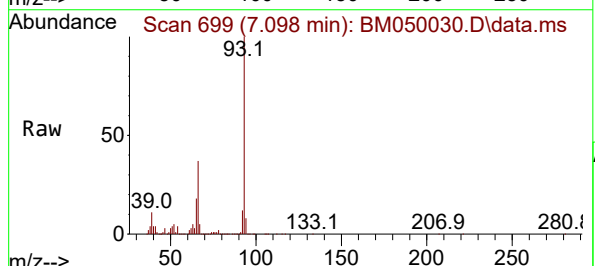
Tgt Ion: 93 Resp: 1339587

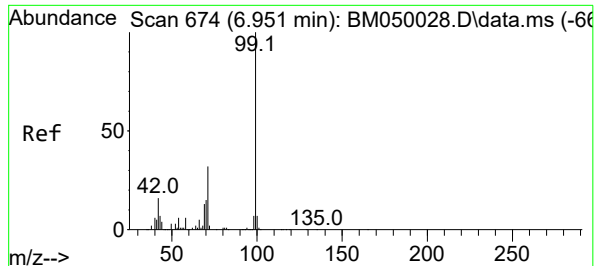
Ion Ratio Lower Upper

93 100

66 37.4 29.9 44.9

65 18.5 14.5 21.7

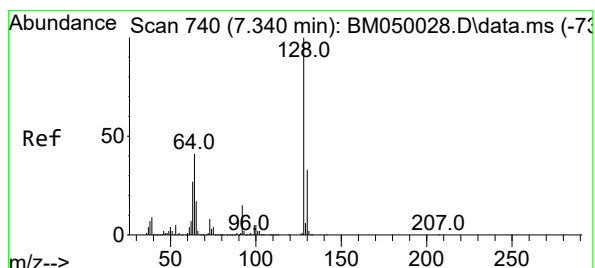
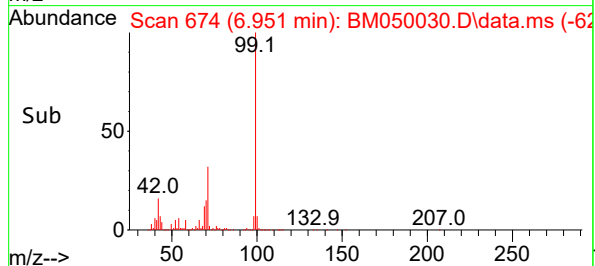
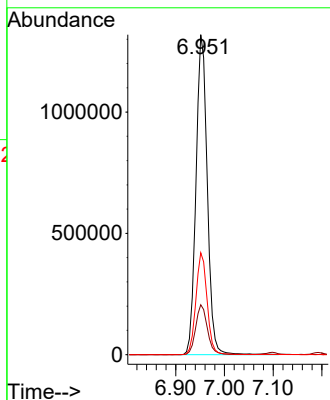
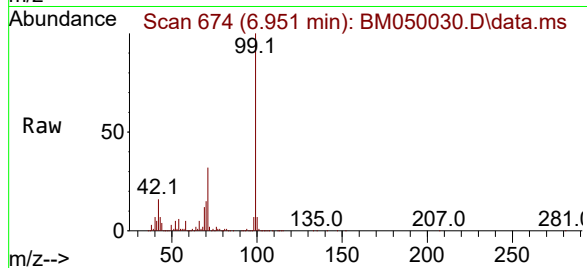




#7
Phenol-d6
Concen: 124.905 ng
RT: 6.951 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

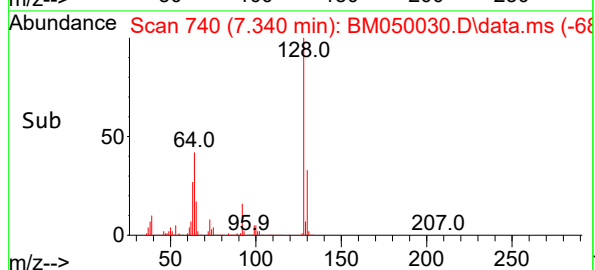
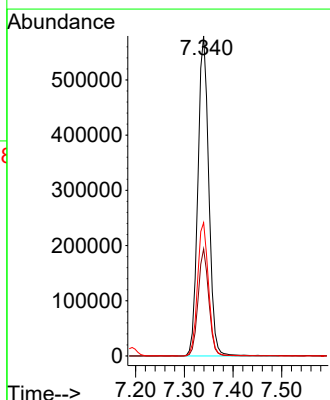
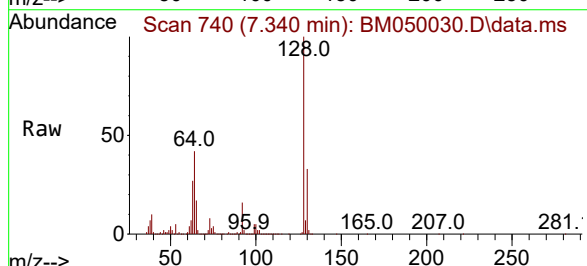
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

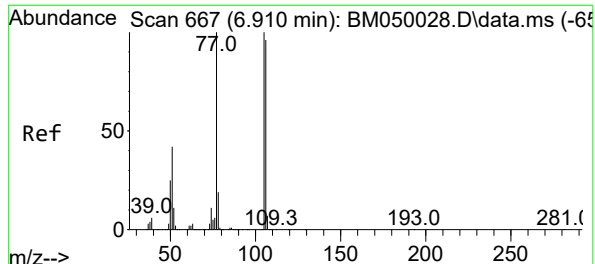
Tgt Ion: 99 Resp: 2135178
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 31.8 25.6 38.4



#8
2-Chlorophenol
Concen: 61.600 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 128 Resp: 905849
Ion Ratio Lower Upper
128 100
130 33.5 12.8 52.8
64 41.7 21.2 61.2

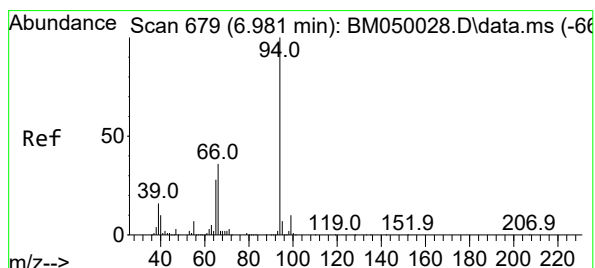
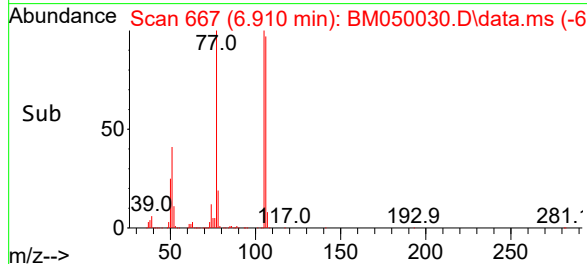
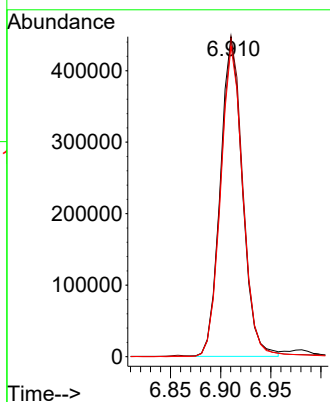
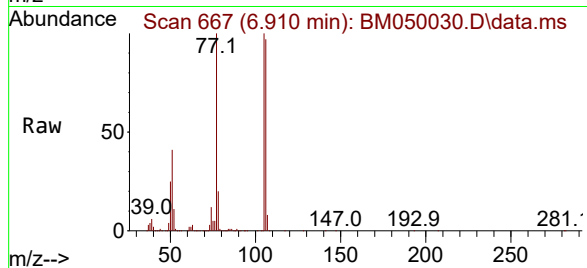




#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

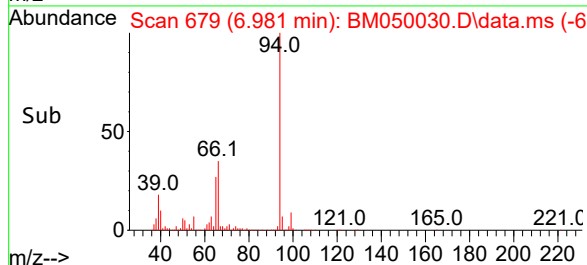
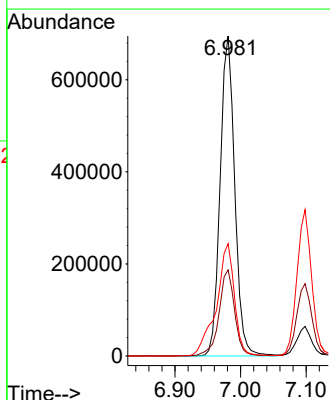
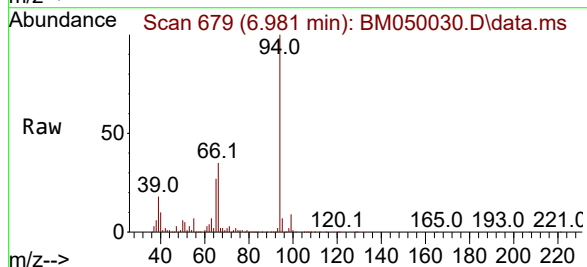
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

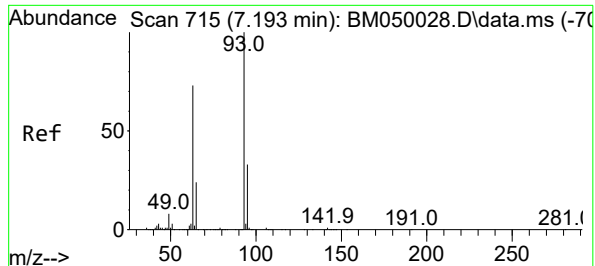
Tgt Ion: 77 Resp: 683177
Ion Ratio Lower Upper
77 100
105 99.6 80.5 120.5
106 97.1 76.1 116.1



#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175
Ion Ratio Lower Upper
94 100
65 26.9 7.6 47.6
66 35.1 15.8 55.8

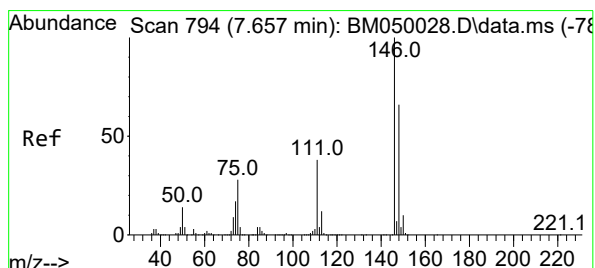
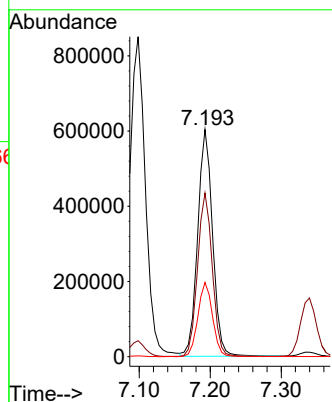
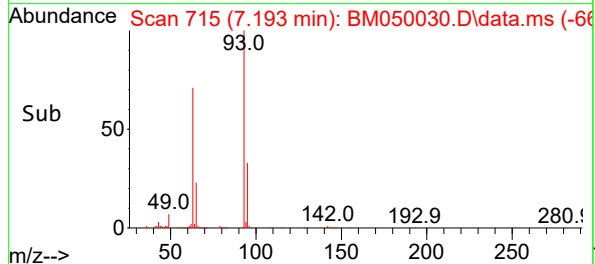
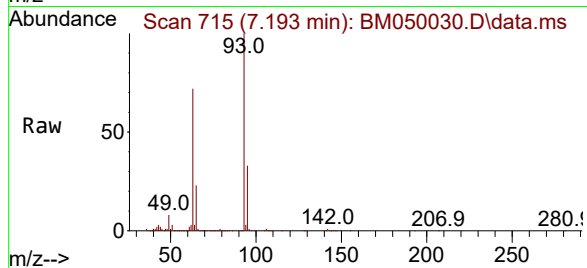




#11
bis(2-Chloroethyl)ether
Concen: 60.947 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

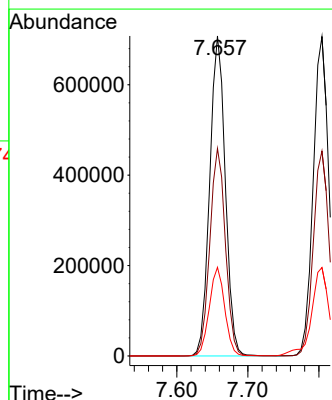
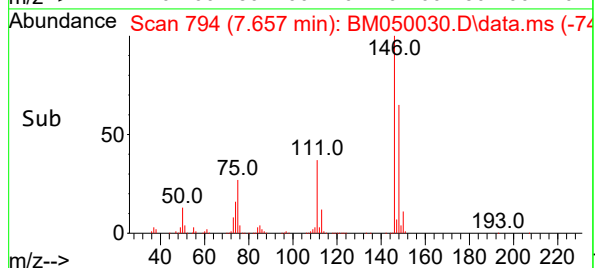
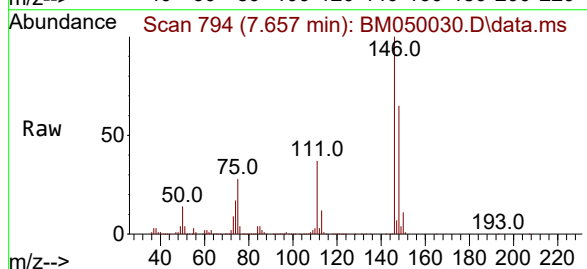
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

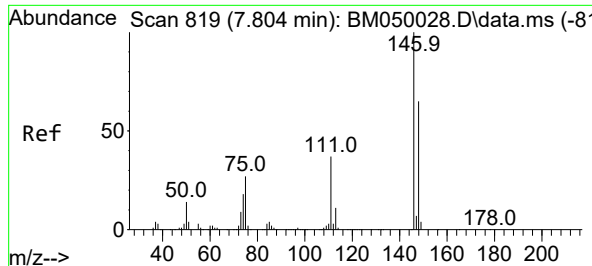
Tgt Ion: 93 Resp: 880705
Ion Ratio Lower Upper
93 100
63 72.0 52.3 92.3
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 60.670 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 146 Resp: 1077725
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 27.7 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 60.707 ng

RT: 7.804 min Scan# 819

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

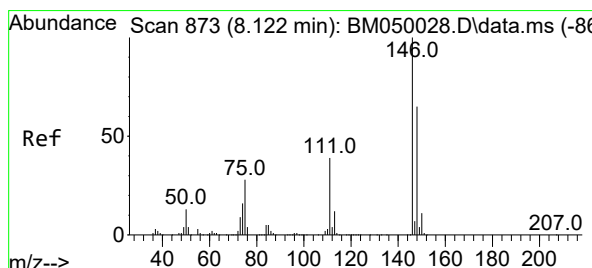
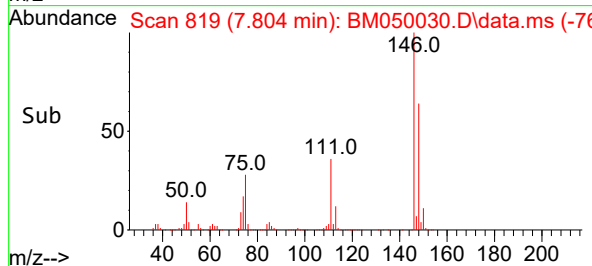
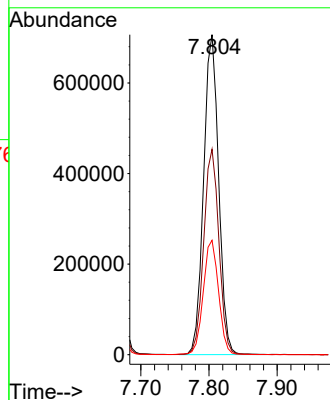
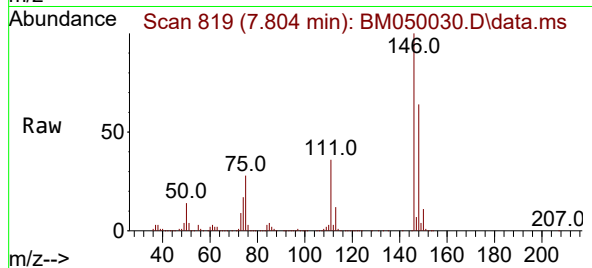
Tgt Ion:146 Resp: 1083367

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

111 35.7 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 60.691 ng

RT: 8.122 min Scan# 873

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

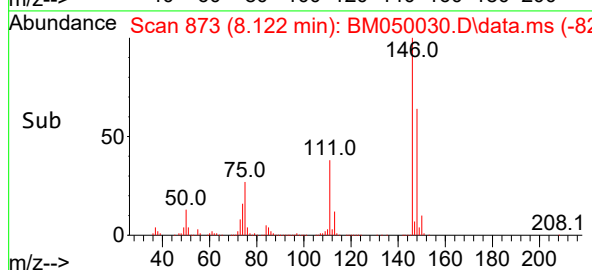
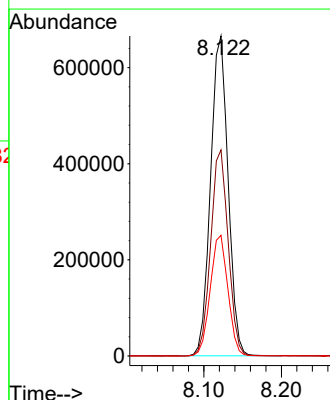
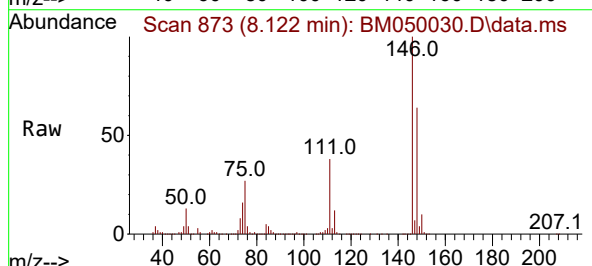
Tgt Ion:146 Resp: 1046214

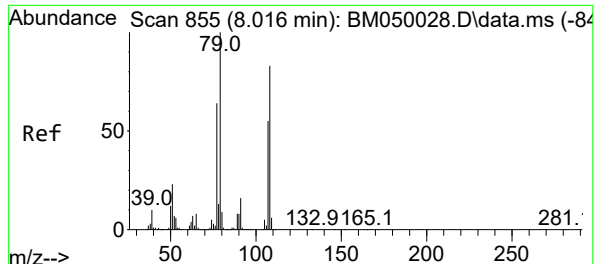
Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

111 37.7 31.0 46.6





#15

Benzyl Alcohol

Concen: 63.306 ng

RT: 8.016 min Scan# 855

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

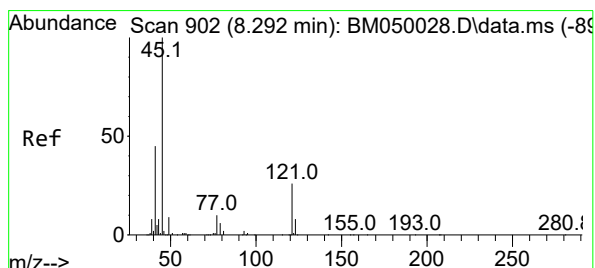
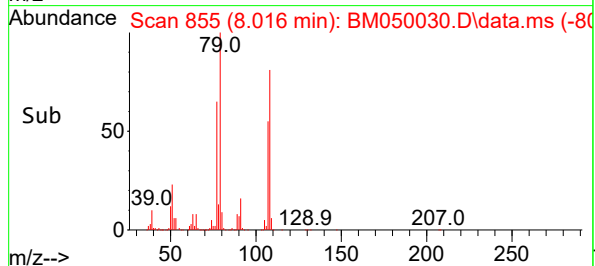
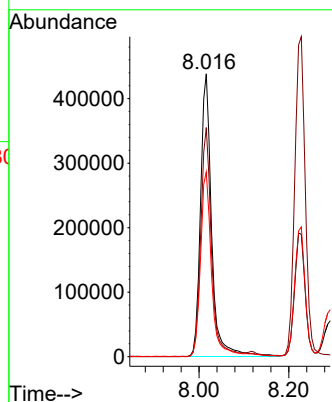
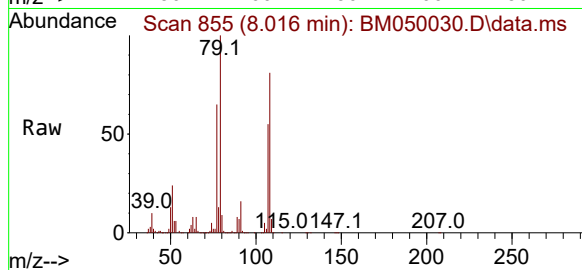
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 750490

Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.0	99.0
77	65.3	51.6	77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 59.922 ng

RT: 8.293 min Scan# 902

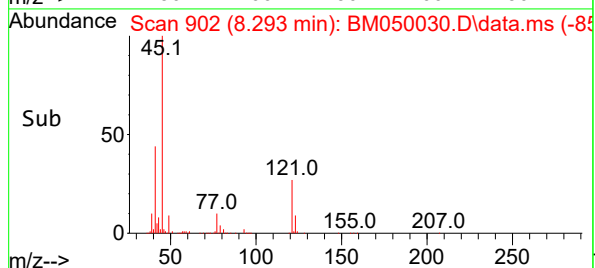
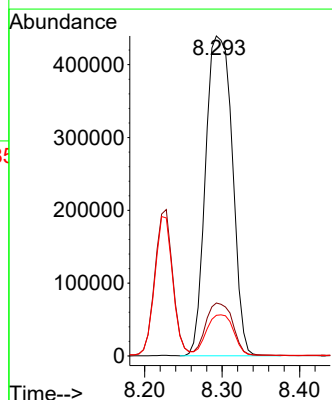
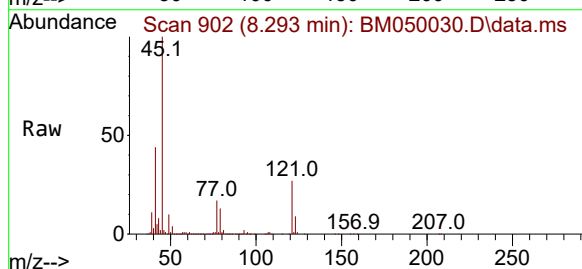
Delta R.T. 0.000 min

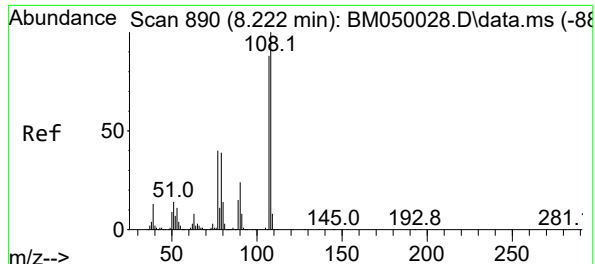
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 45 Resp: 1052561

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 61.914 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

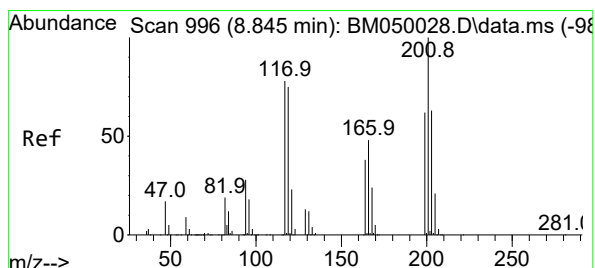
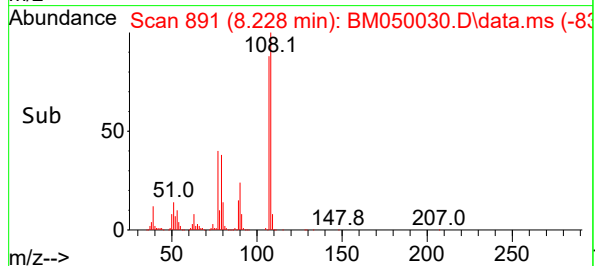
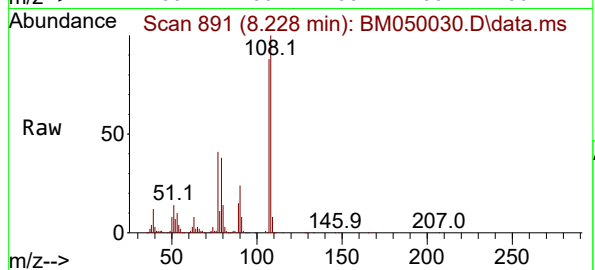
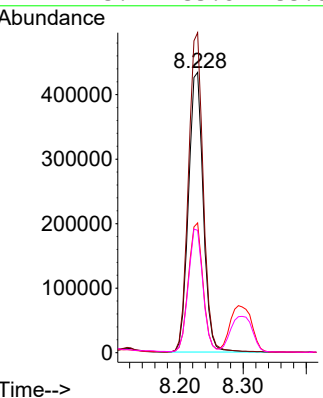
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8



#18

Hexachloroethane

Concen: 60.018 ng

RT: 8.845 min Scan# 996

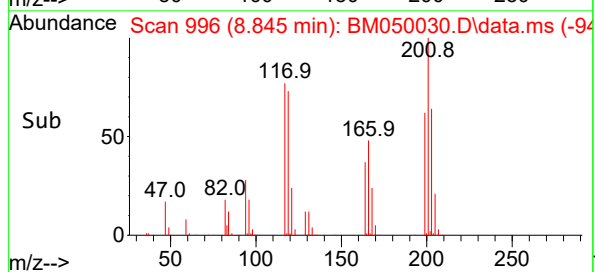
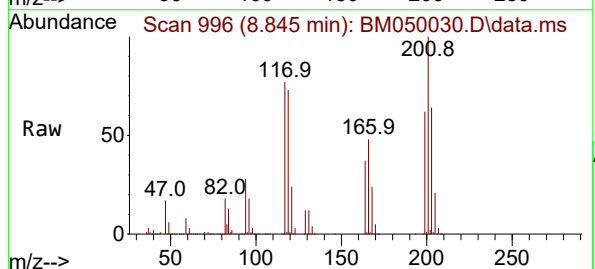
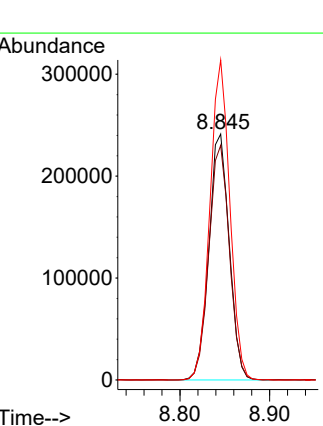
Delta R.T. 0.000 min

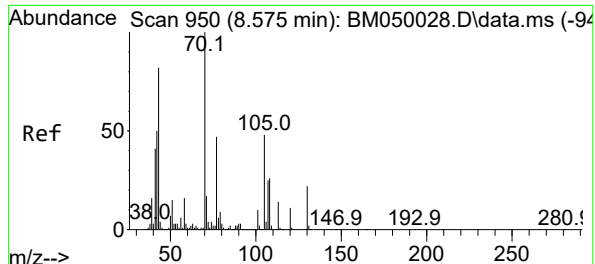
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2





#19

n-Nitroso-di-n-propylamine

Concen: 61.851 ng

RT: 8.575 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM050030.D

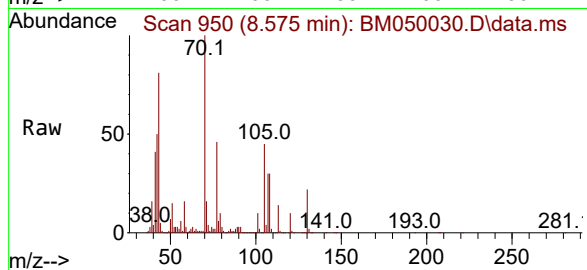
Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 678107

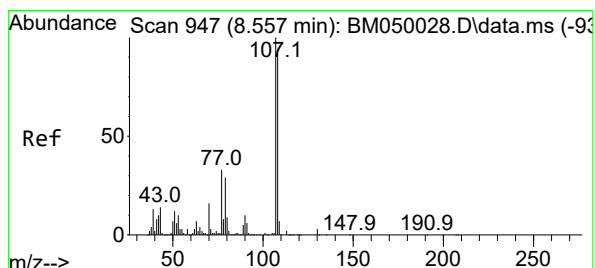
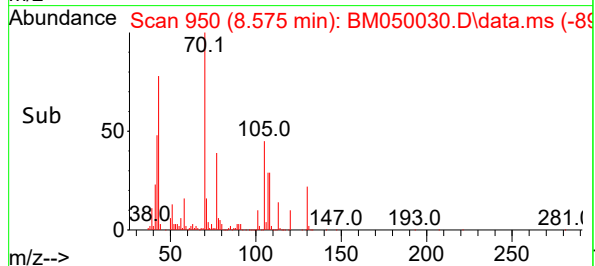
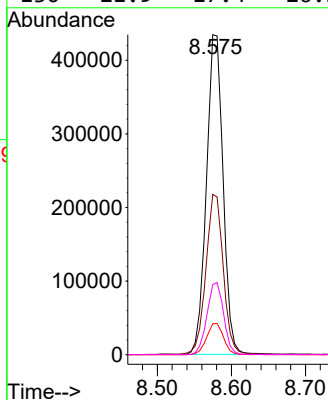
Ion Ratio Lower Upper

70 100

42 50.1 40.5 60.7

101 9.7 7.8 11.6

130 21.9 17.4 26.2



#20

3+4-Methylphenols

Concen: 62.619 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion: 107 Resp: 964063

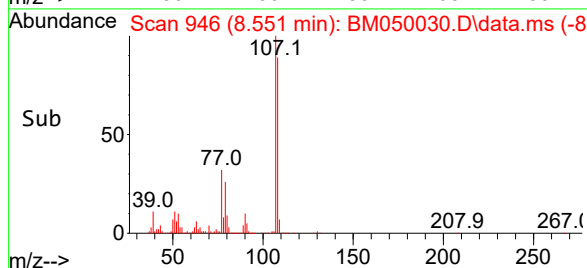
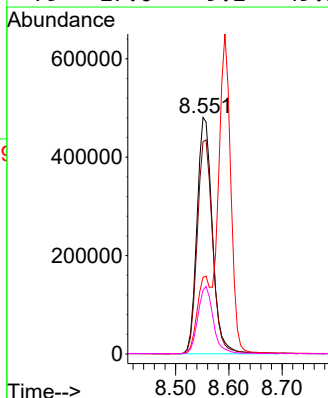
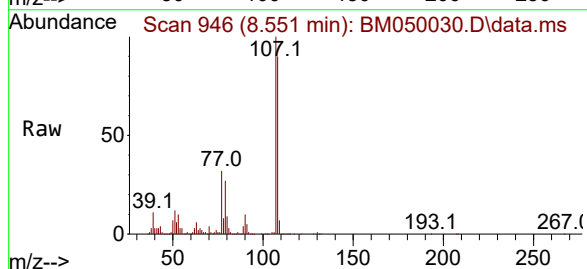
Ion Ratio Lower Upper

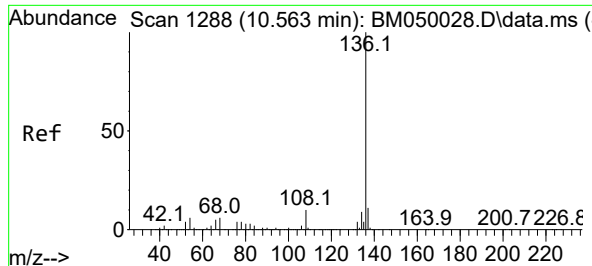
107 100

108 89.8 72.4 112.4

77 32.4 13.6 53.6

79 27.0 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 873845

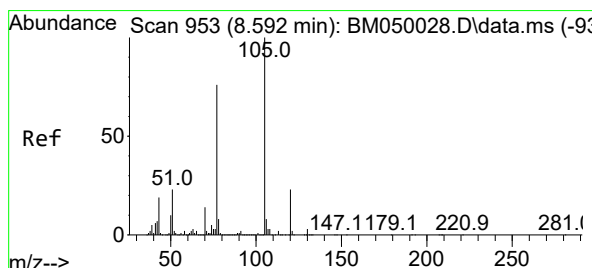
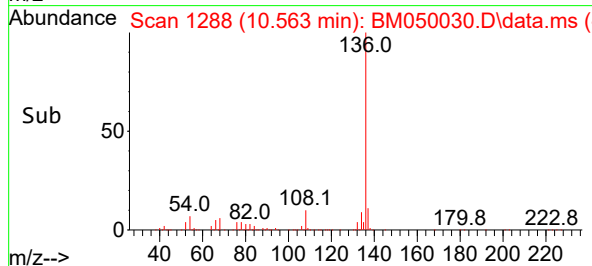
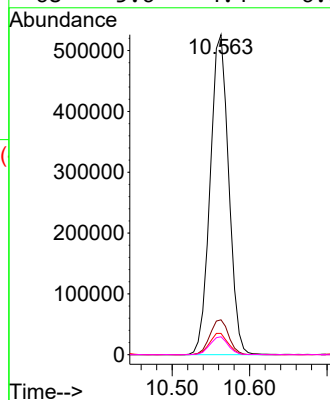
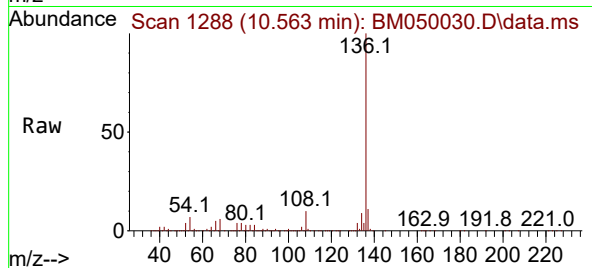
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 5.1 7.7

68 5.6 4.4 6.6



#22

Acetophenone

Concen: 61.030 ng

RT: 8.592 min Scan# 953

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

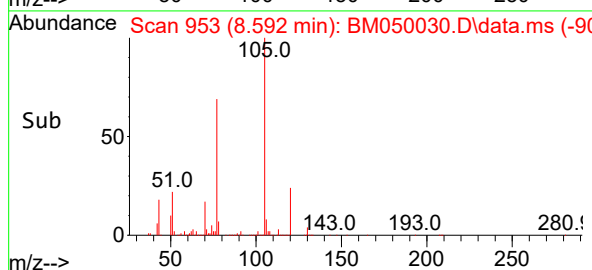
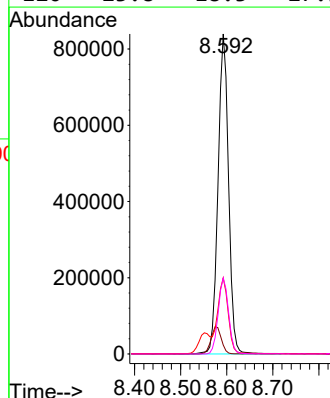
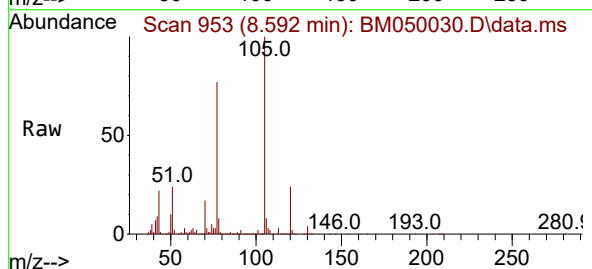
Ion Ratio Lower Upper

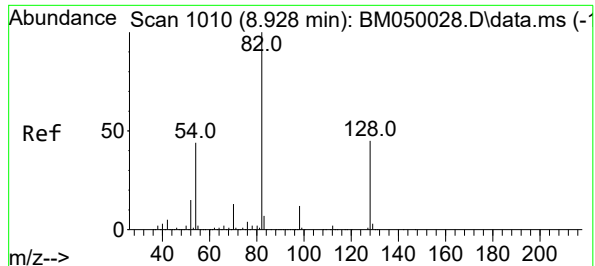
105 100

71 2.8 1.7 2.5

51 23.7 18.6 27.8

120 23.8 18.3 27.5





#23

Nitrobenzene-d5

Concen: 123.300 ng

RT: 8.928 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

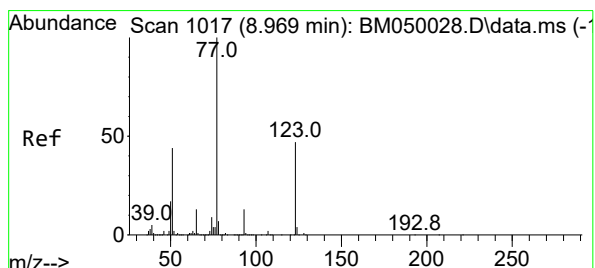
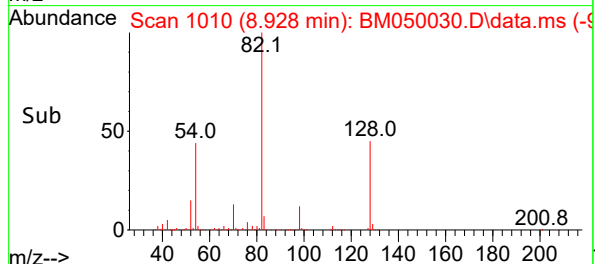
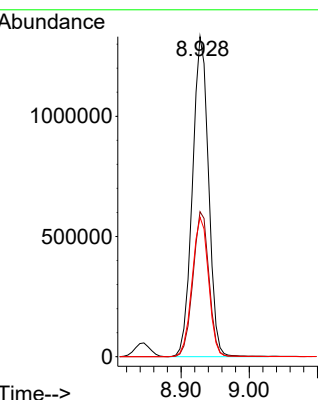
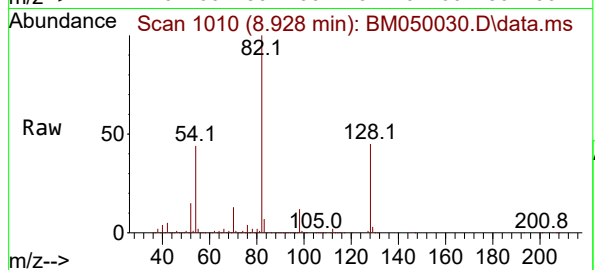
Tgt Ion: 82 Resp: 2186546

Ion Ratio Lower Upper

82 100

128 45.3 35.7 53.5

54 43.6 35.4 53.2



#24

Nitrobenzene

Concen: 61.193 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

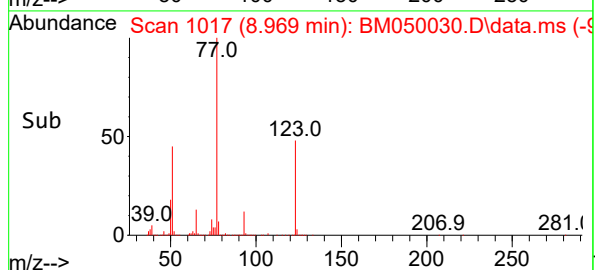
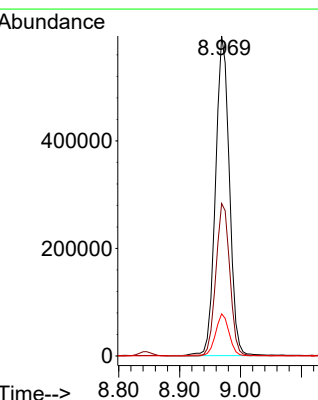
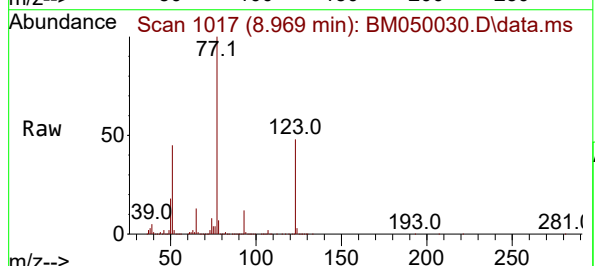
Tgt Ion: 77 Resp: 938300

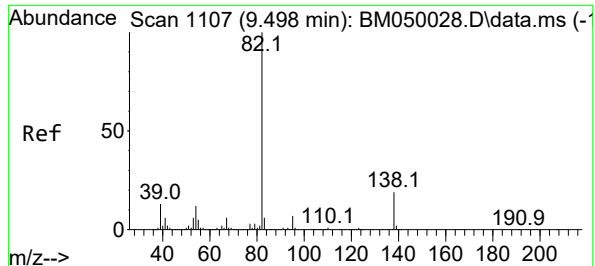
Ion Ratio Lower Upper

77 100

123 47.6 37.9 56.9

65 13.2 10.1 15.1

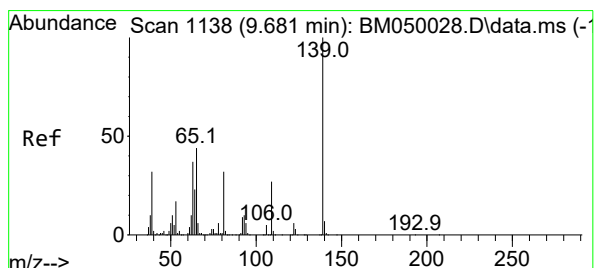
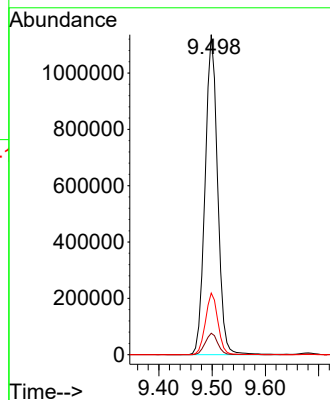
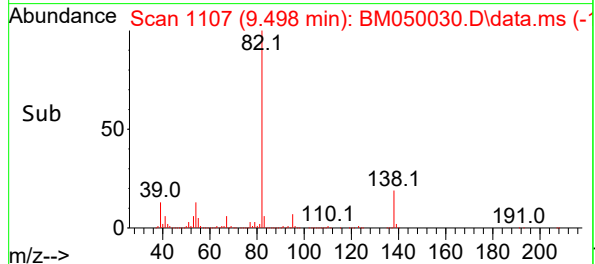
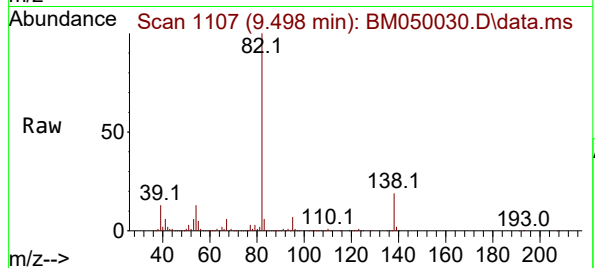




#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

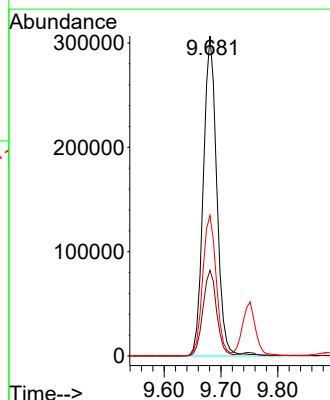
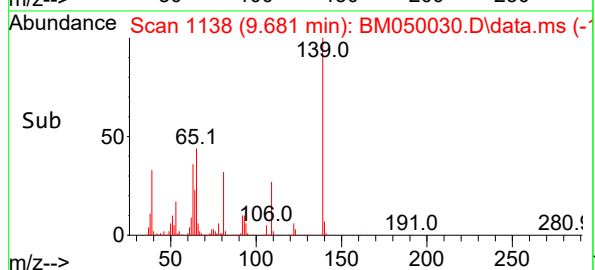
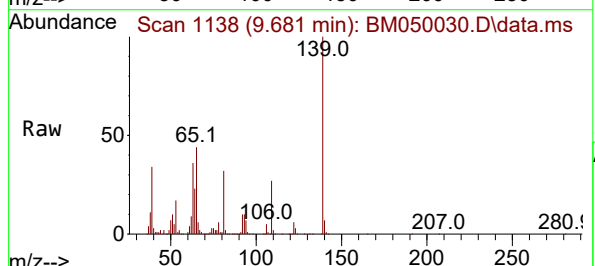
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

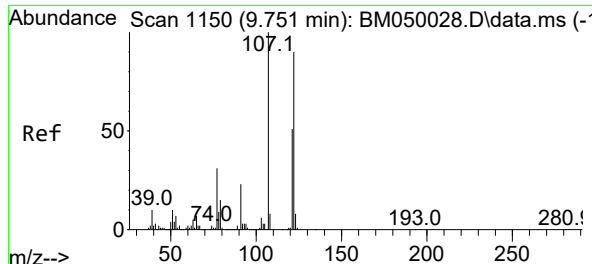
Tgt Ion: 82 Resp: 1845274
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.2 15.5 23.3



#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 139 Resp: 504441
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 43.9 35.4 53.2

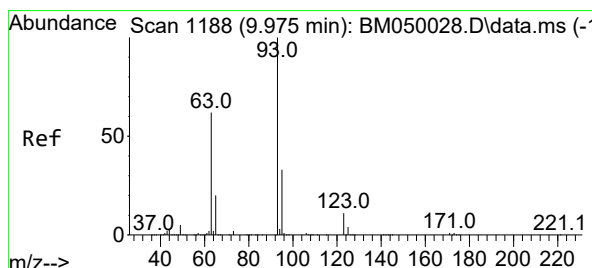
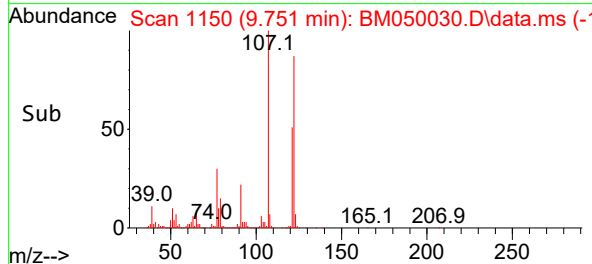
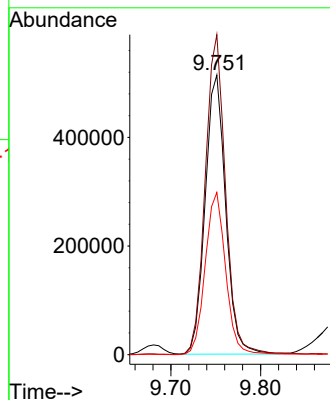
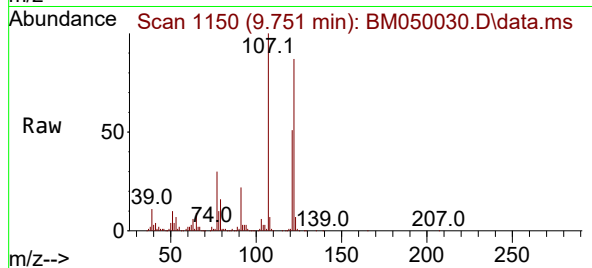




#27
2,4-Dimethylphenol
Concen: 62.869 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

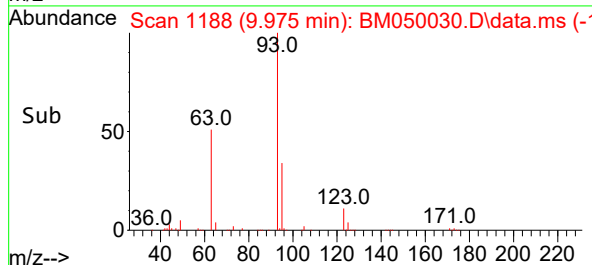
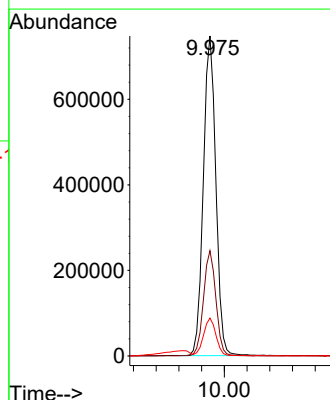
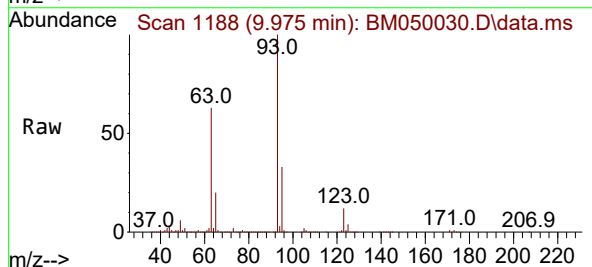
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

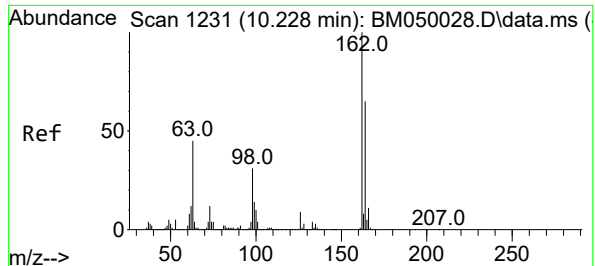
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	58.0	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 60.958 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 63.266 ng

RT: 10.228 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

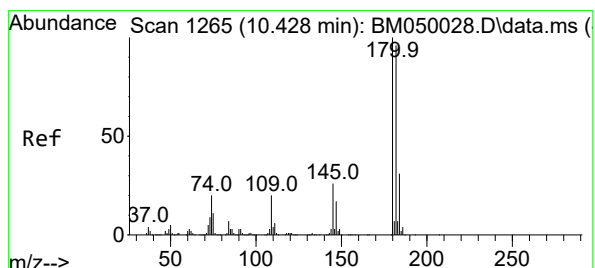
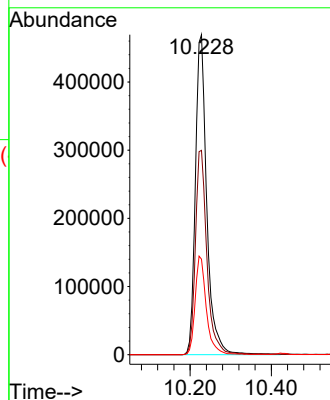
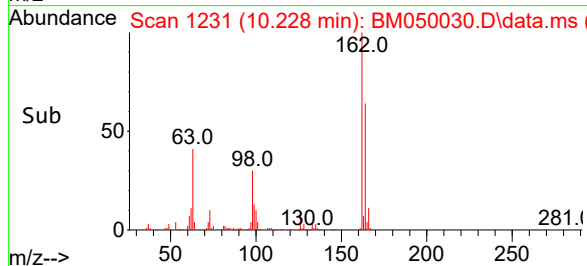
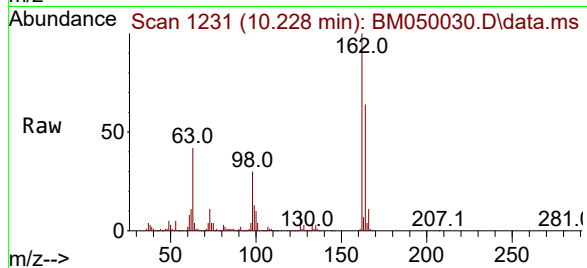
Tgt Ion:162 Resp: 920741

Ion Ratio Lower Upper

162 100

164 63.9 45.4 85.4

98 29.8 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 60.907 ng

RT: 10.428 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

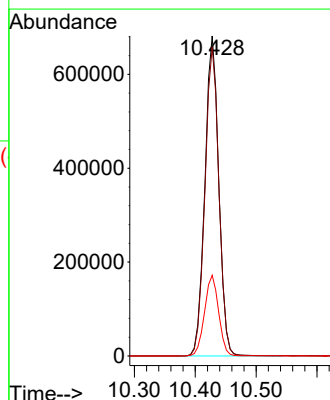
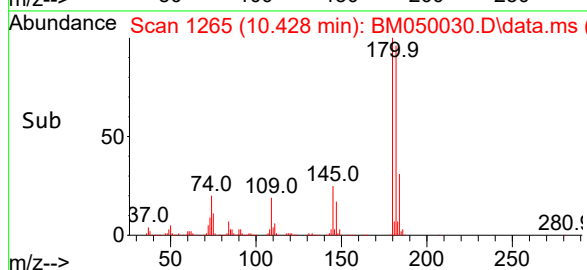
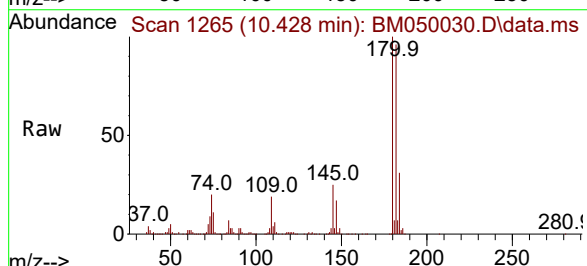
Tgt Ion:180 Resp: 1079970

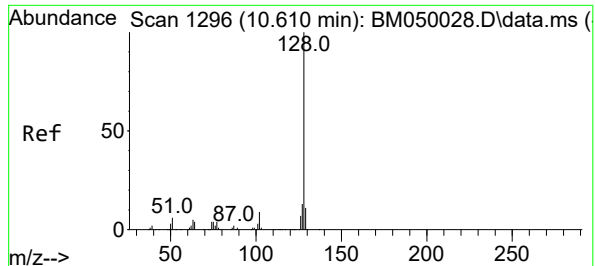
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

145 25.2 20.6 30.8





#31

Naphthalene

Concen: 60.626 ng

RT: 10.610 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

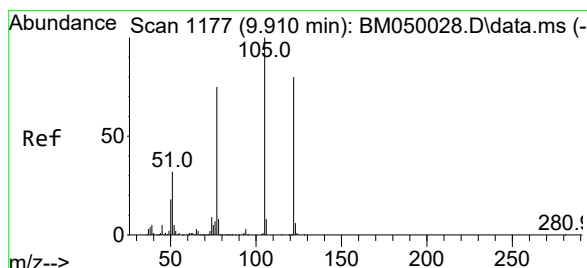
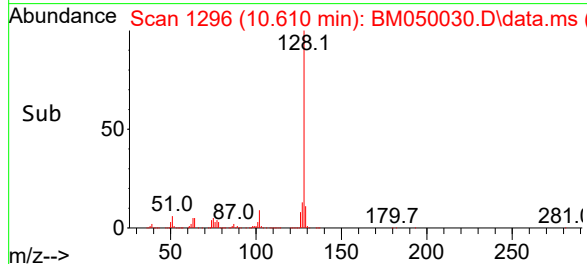
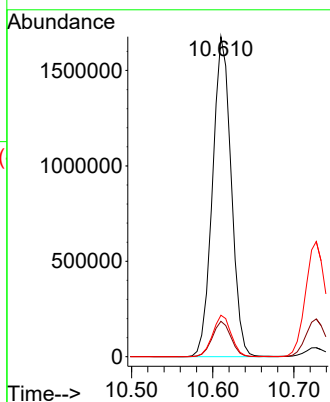
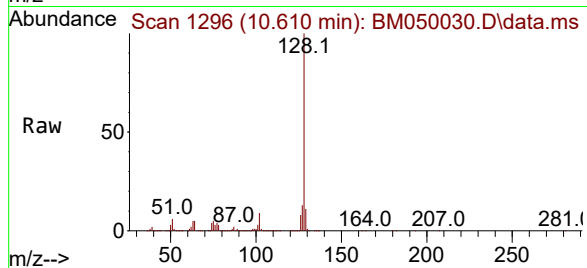
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 2682942

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6



#32

Benzoic acid

Concen: 67.178 ng

RT: 9.928 min Scan# 1180

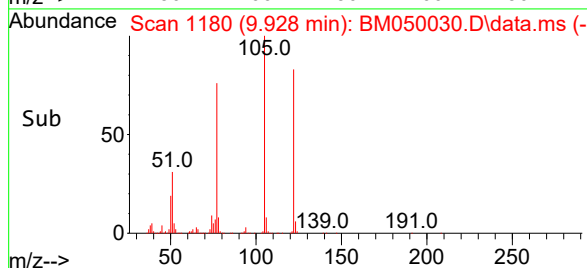
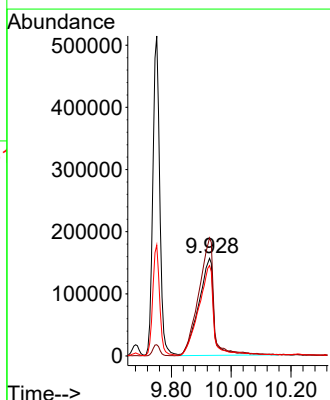
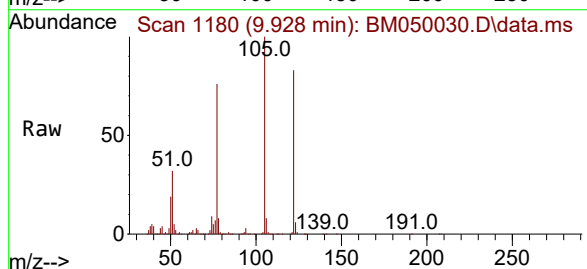
Delta R.T. 0.018 min

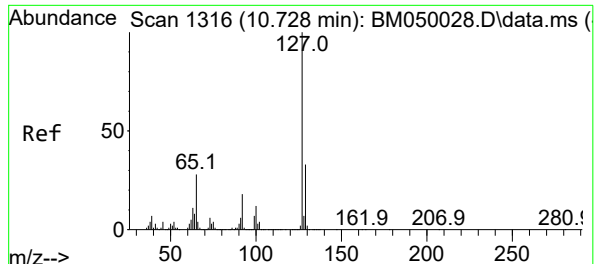
Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598

Ion	Ratio	Lower	Upper
122	100		
105	120.9	103.6	143.6
77	92.5	73.7	113.7

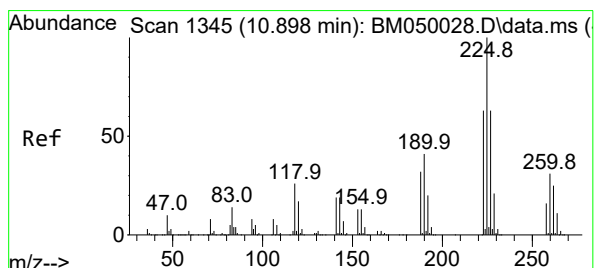
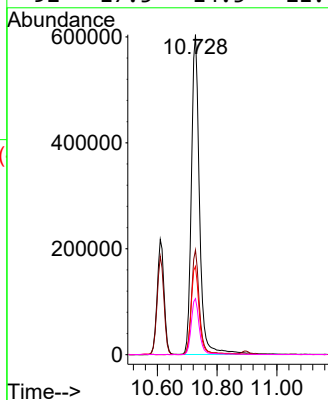
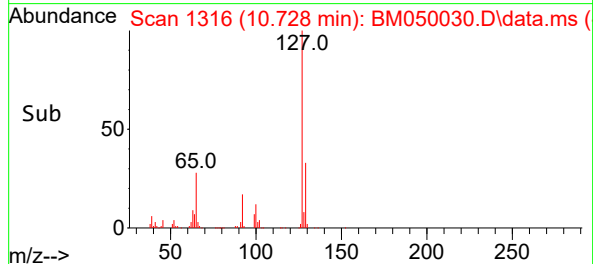
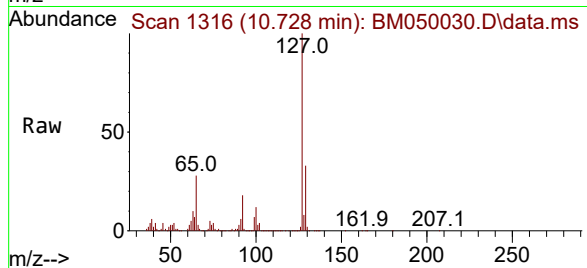




#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

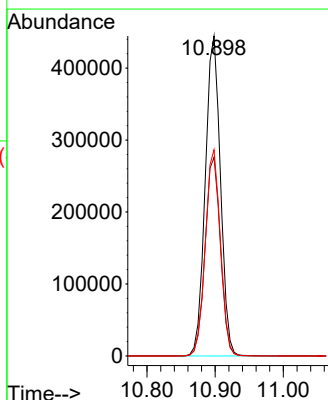
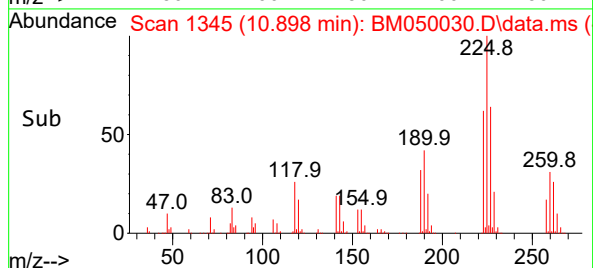
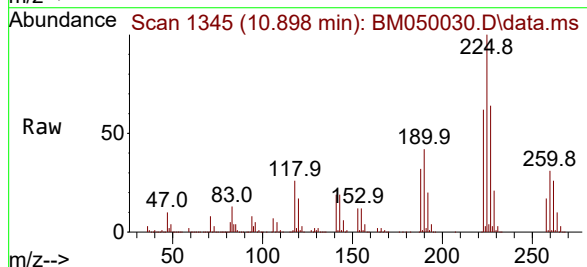
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

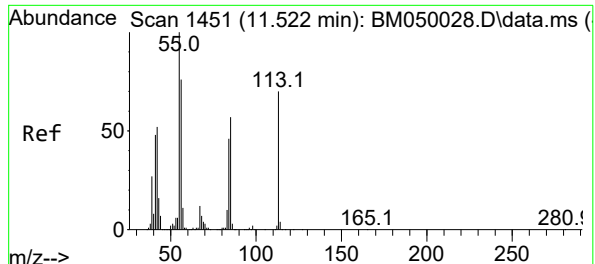
Tgt Ion:127 Resp: 1146085
Ion Ratio Lower Upper
127 100
129 32.7 26.3 39.5
65 27.6 22.5 33.7
92 17.5 14.5 21.7



#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159
Ion Ratio Lower Upper
225 100
223 62.1 50.2 75.2
227 64.5 50.6 76.0

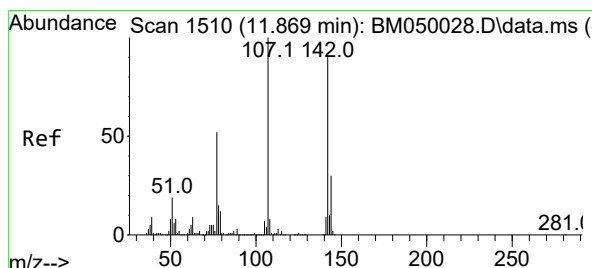
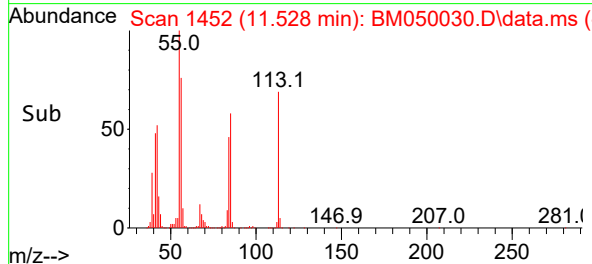
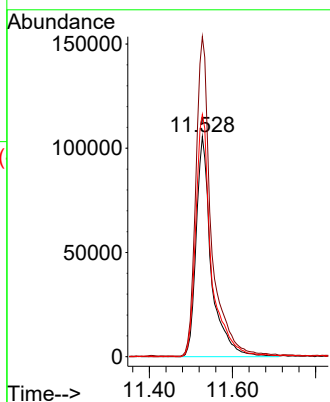
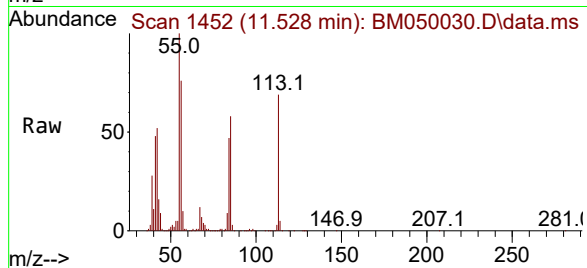




#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

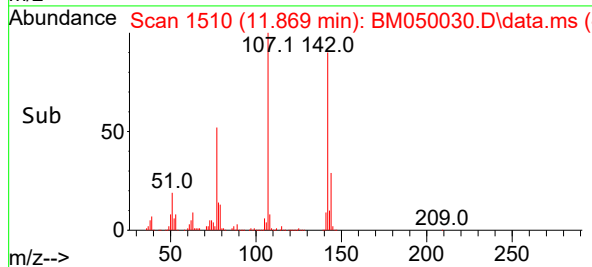
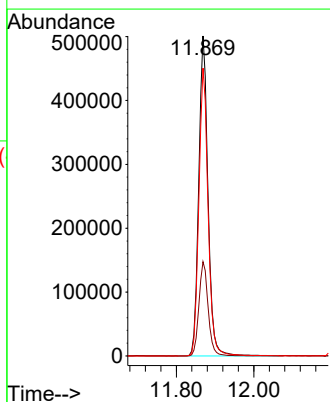
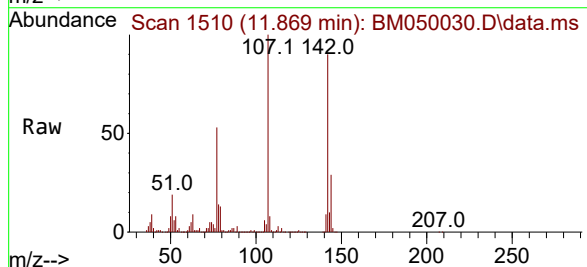
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

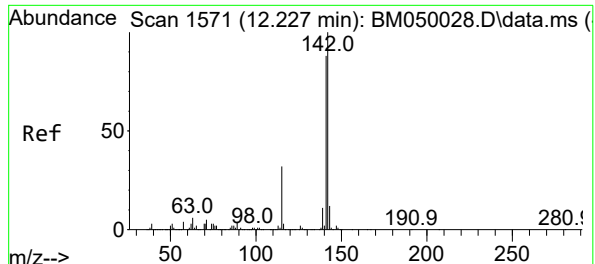
Tgt Ion:113 Resp: 266678
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050
Ion Ratio Lower Upper
107 100
144 29.4 23.8 35.6
142 89.9 71.9 107.9

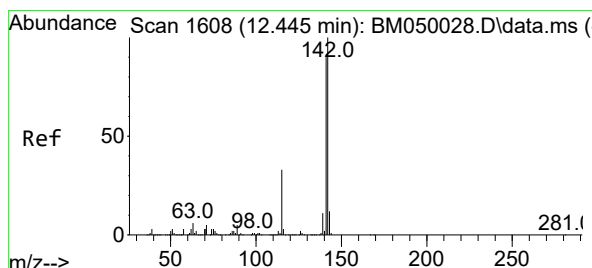
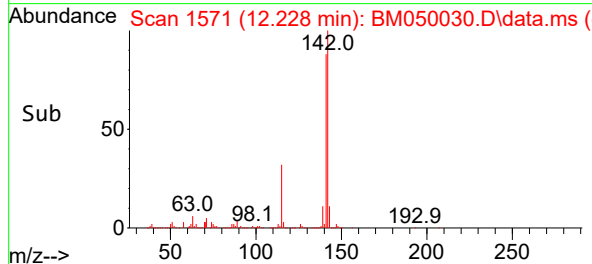
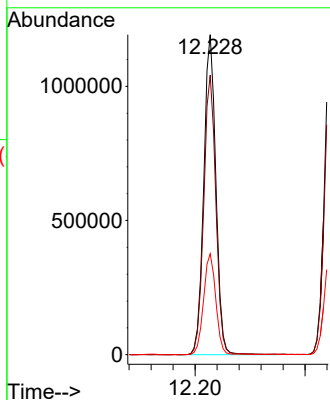
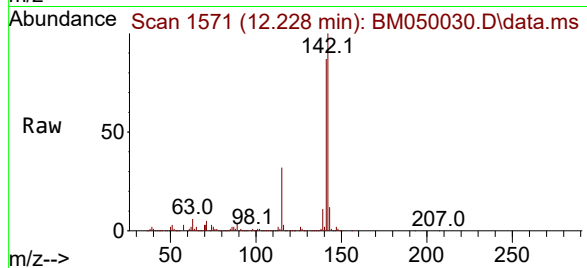




#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

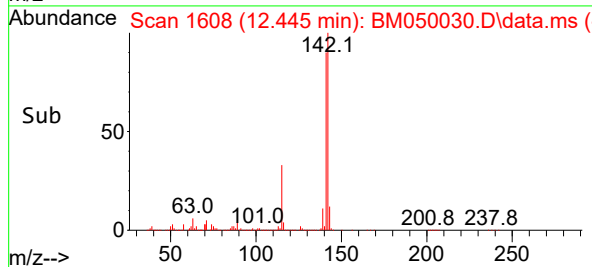
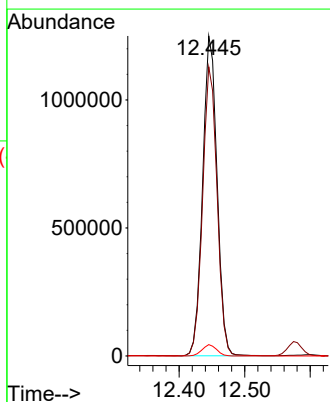
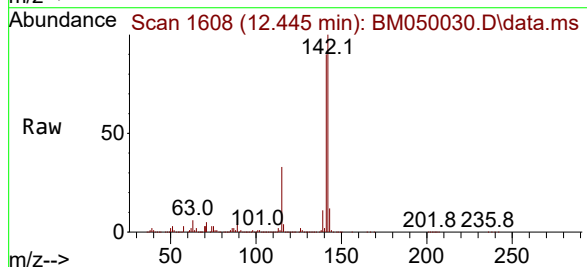
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

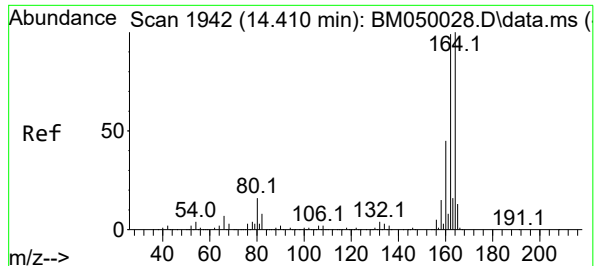
Tgt Ion:142 Resp: 1815345
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6
115 31.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1
116 3.5 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

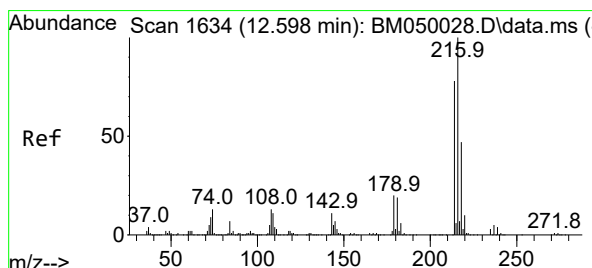
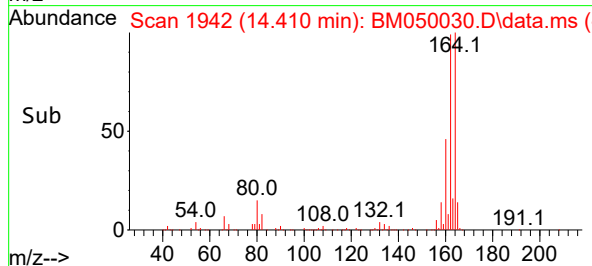
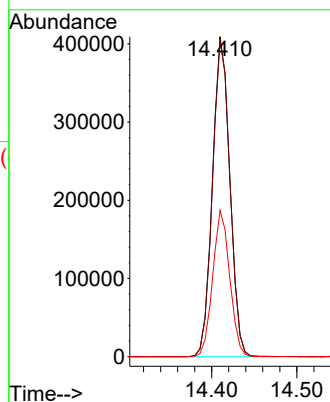
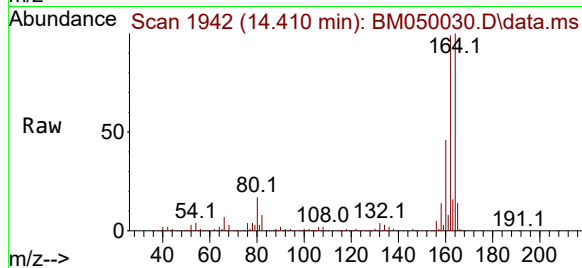
Tgt Ion:164 Resp: 580977

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 45.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.853 ng

RT: 12.598 min Scan# 1634

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

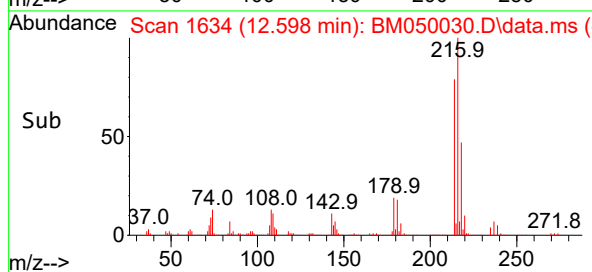
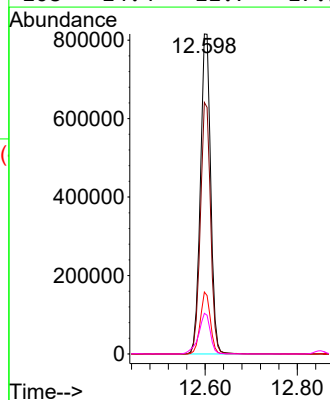
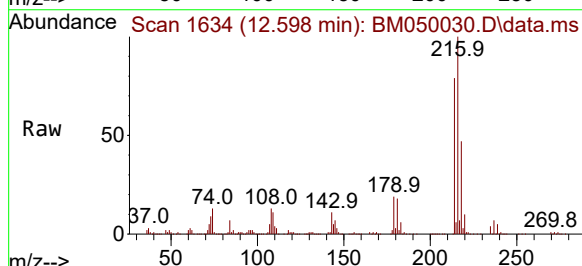
Ion Ratio Lower Upper

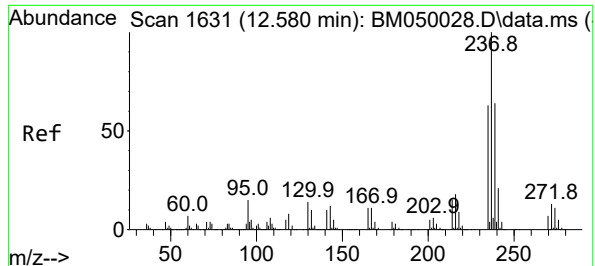
216 100

214 78.2 62.3 93.5

179 18.9 15.4 23.0

108 14.4 11.7 17.5

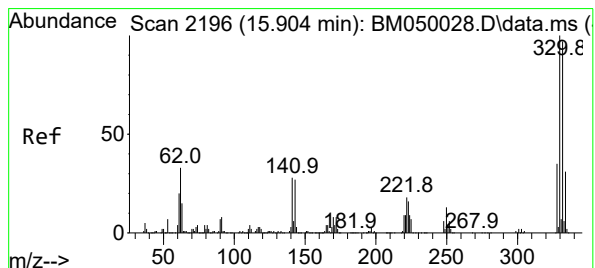
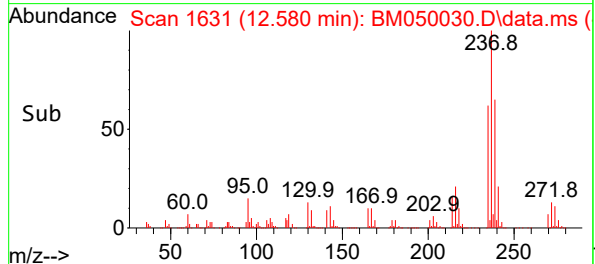
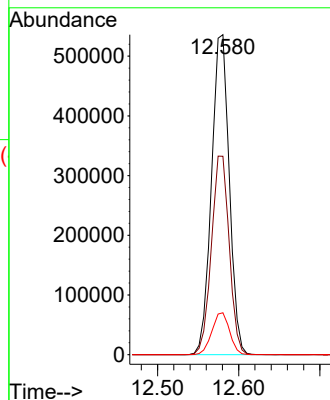
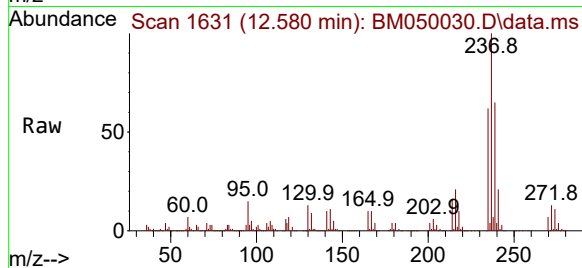




#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

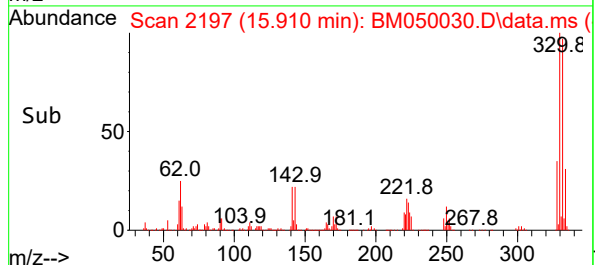
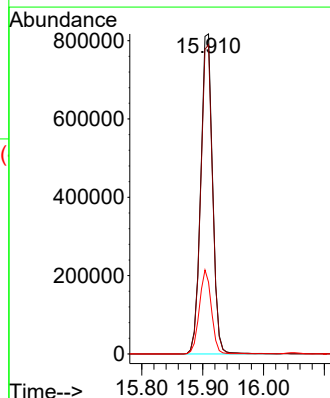
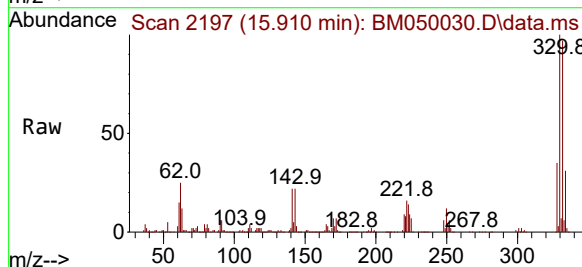
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

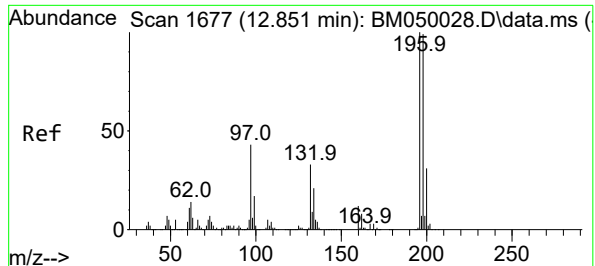
Tgt Ion:237 Resp: 814238
Ion Ratio Lower Upper
237 100
235 62.0 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 26.6 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 63.832 ng

RT: 12.851 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

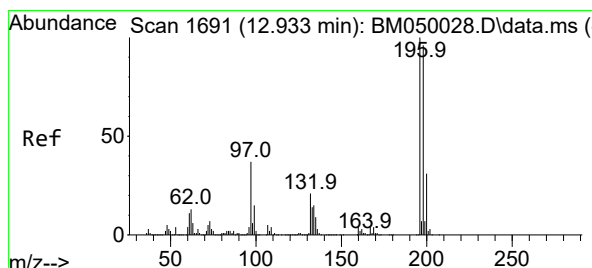
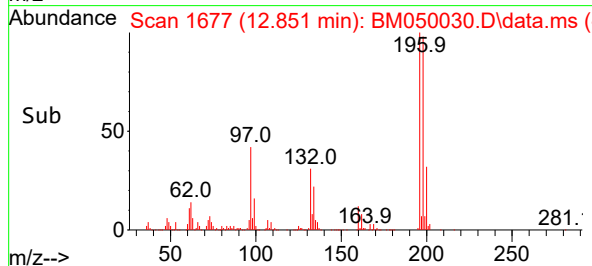
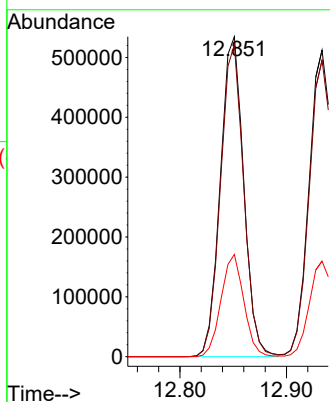
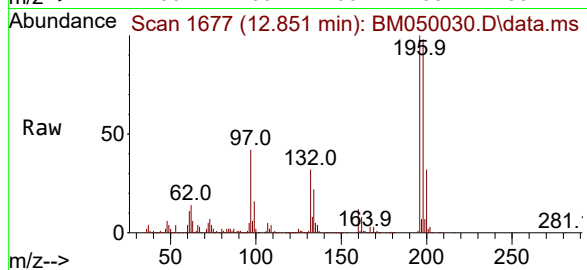
Tgt Ion:196 Resp: 814256

Ion Ratio Lower Upper

196 100

198 97.5 79.0 118.6

200 31.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 63.459 ng

RT: 12.933 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

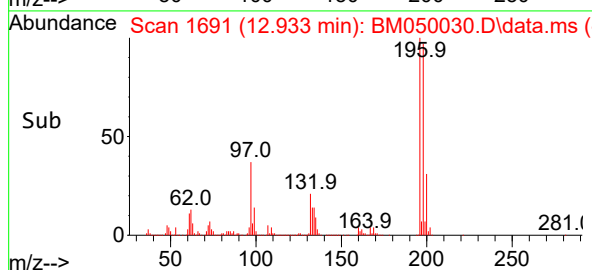
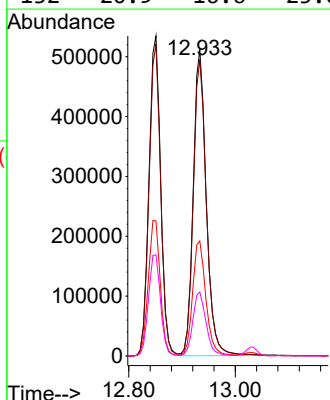
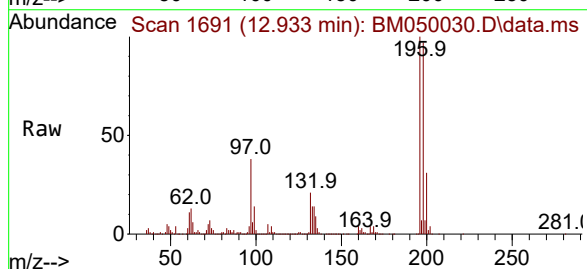
Ion Ratio Lower Upper

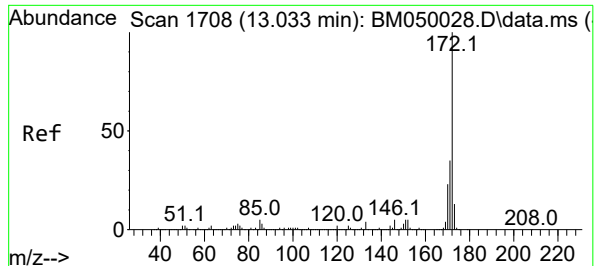
196 100

198 96.7 76.7 115.1

97 37.5 30.1 45.1

132 20.9 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 123.782 ng

RT: 13.033 min Scan# 1708

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

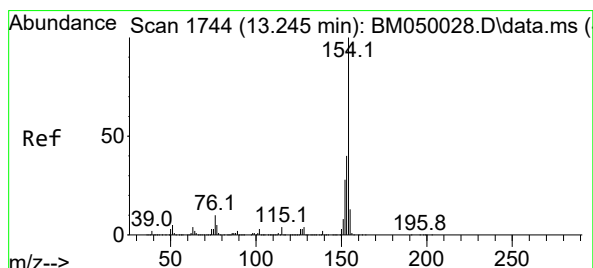
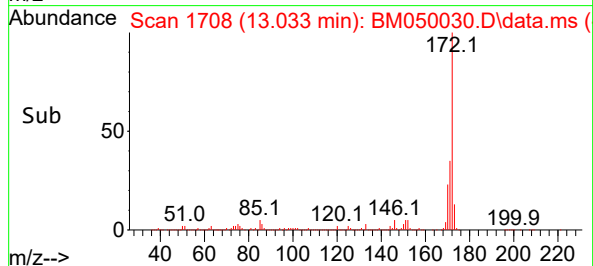
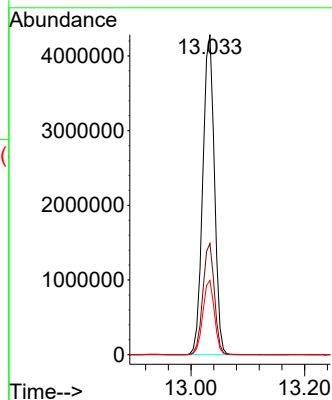
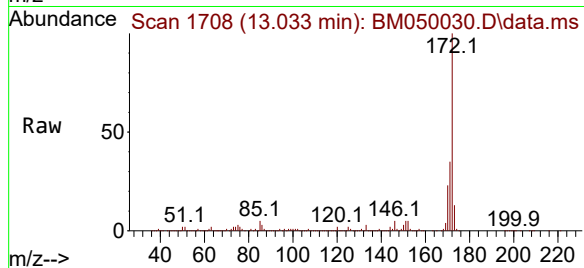
Tgt Ion:172 Resp: 6079094

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 60.817 ng

RT: 13.245 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

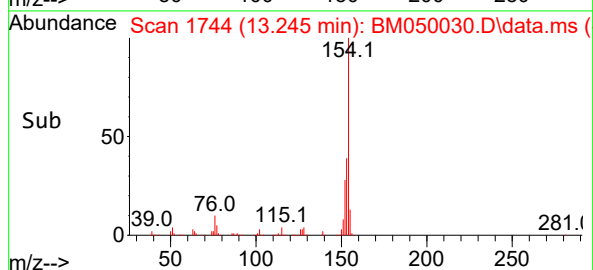
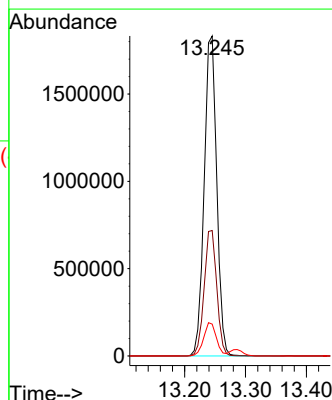
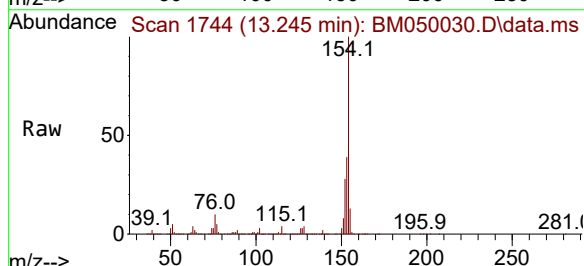
Tgt Ion:154 Resp: 2626494

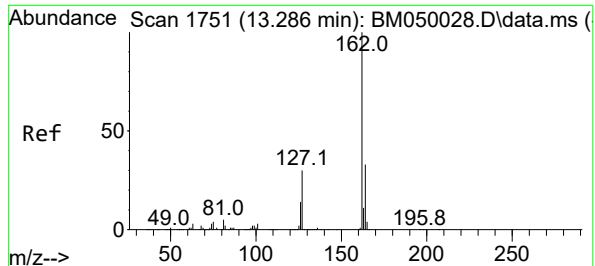
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.9 0.0 30.3





#47

2-Chloronaphthalene

Concen: 60.760 ng

RT: 13.286 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

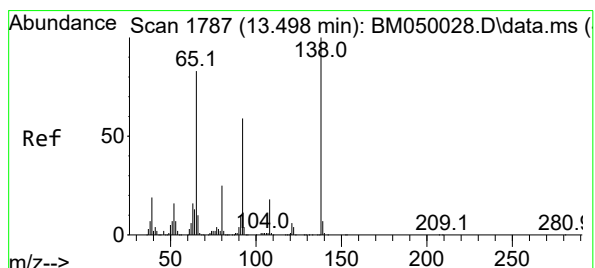
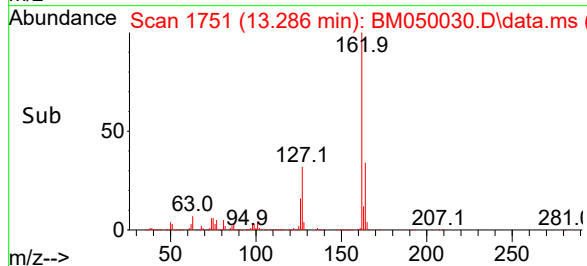
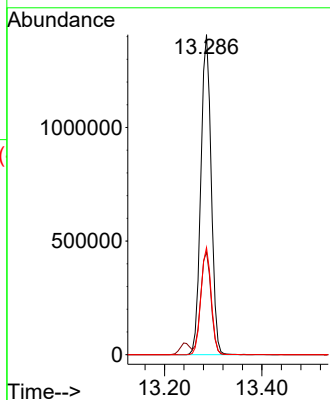
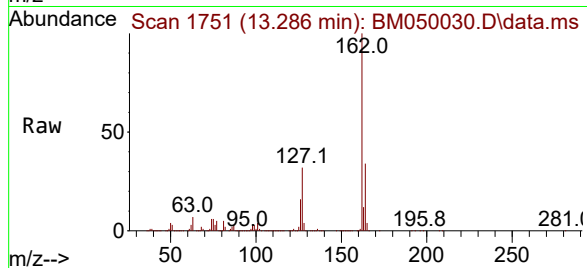
Tgt Ion:162 Resp: 2078242

Ion Ratio Lower Upper

162 100

127 32.1 25.9 38.9

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 63.847 ng

RT: 13.498 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

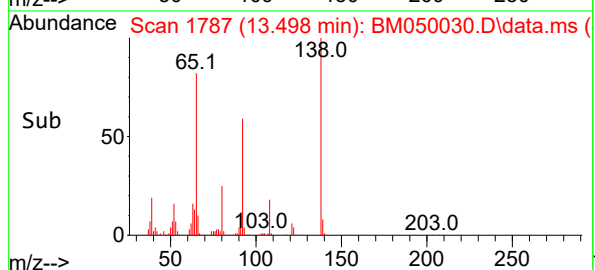
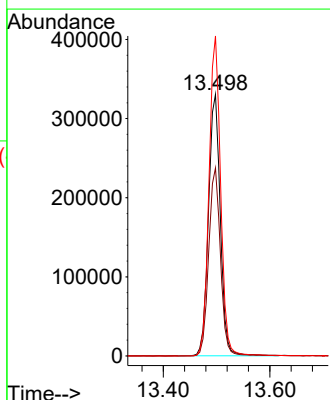
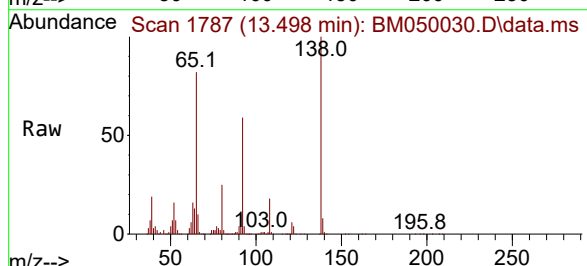
Tgt Ion: 65 Resp: 512544

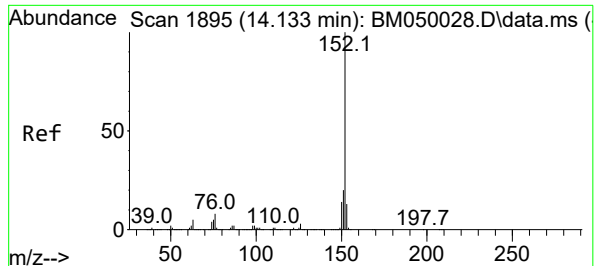
Ion Ratio Lower Upper

65 100

92 71.9 57.1 85.7

138 122.3 97.0 145.4

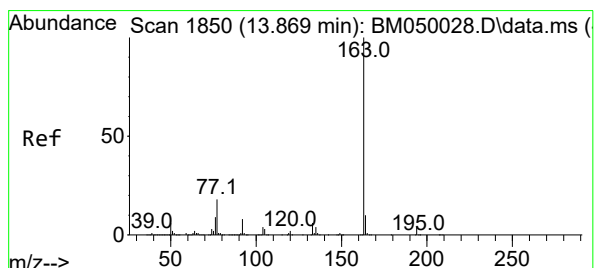
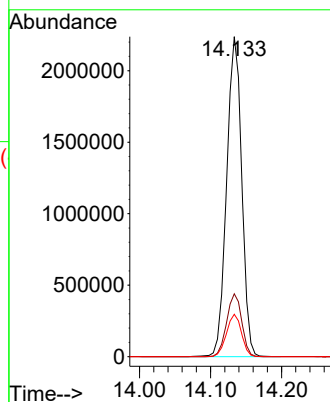
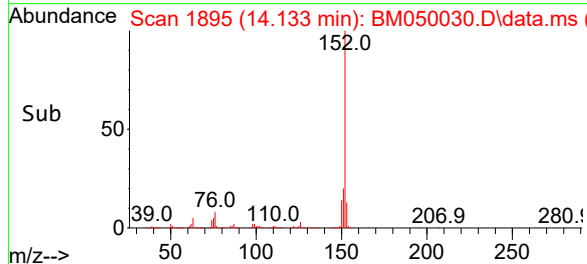
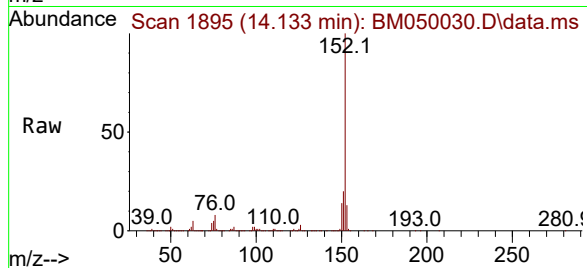




#49
Acenaphthylene
Concen: 61.060 ng
RT: 14.133 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

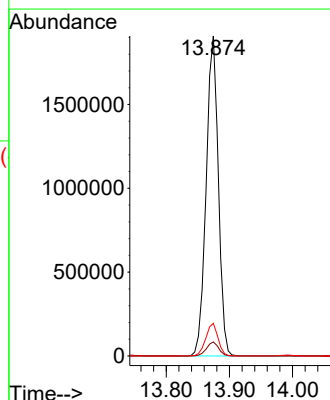
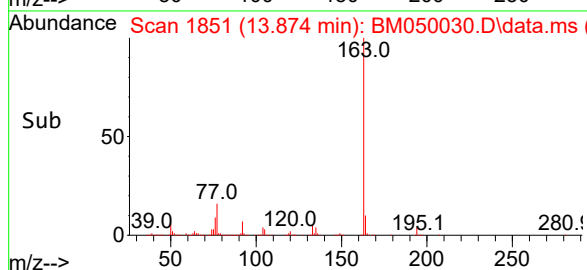
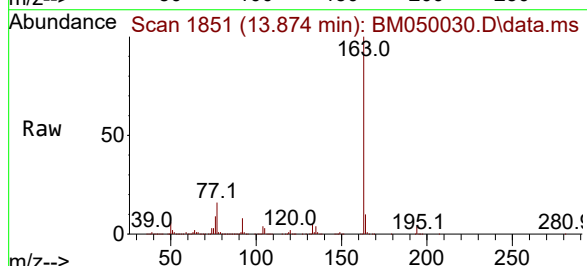
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

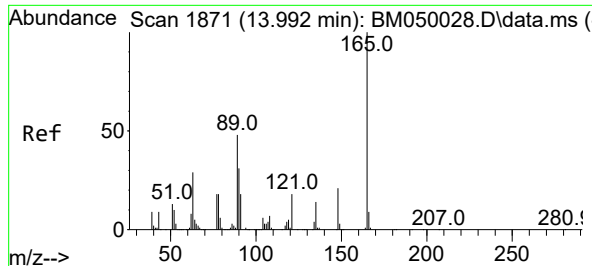
Tgt Ion:152 Resp: 3292902
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 60.347 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

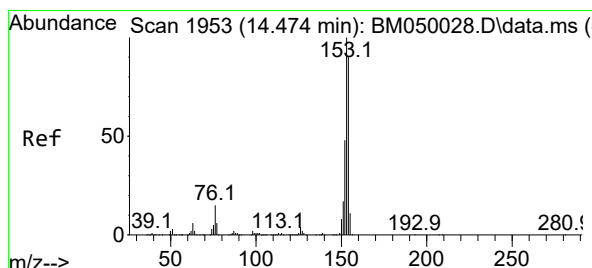
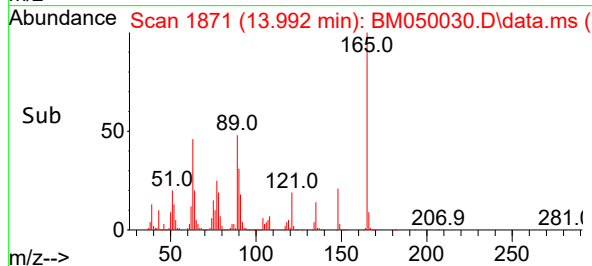
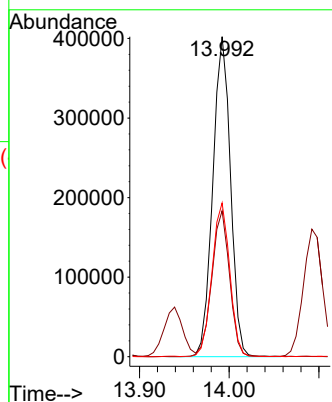
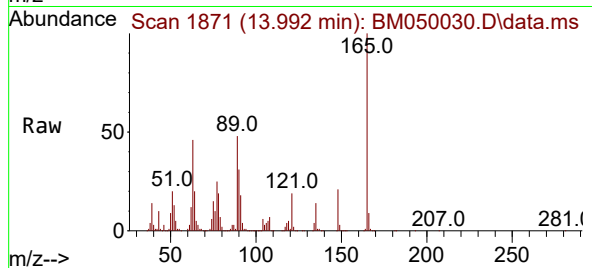




#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

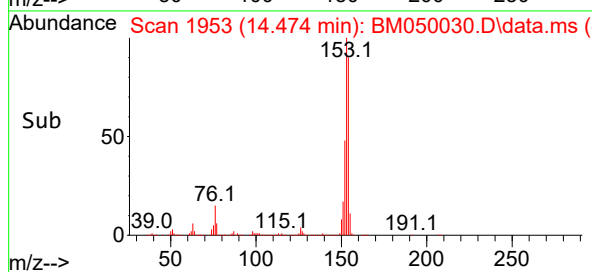
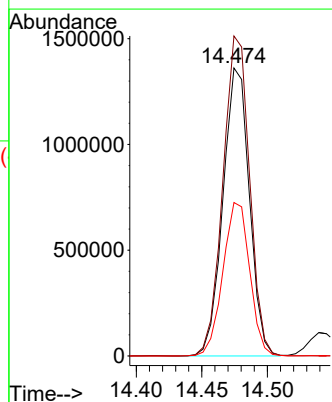
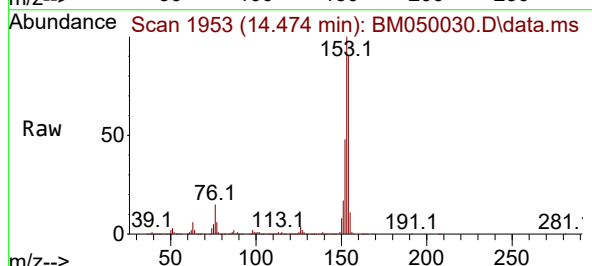
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

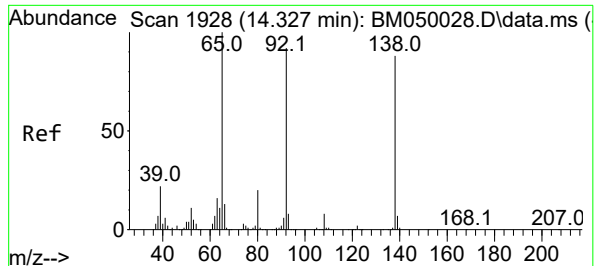
Tgt Ion:165 Resp: 551466
Ion Ratio Lower Upper
165 100
63 45.6 35.1 52.7
89 48.1 38.4 57.6



#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.4
152 53.3 43.0 64.6

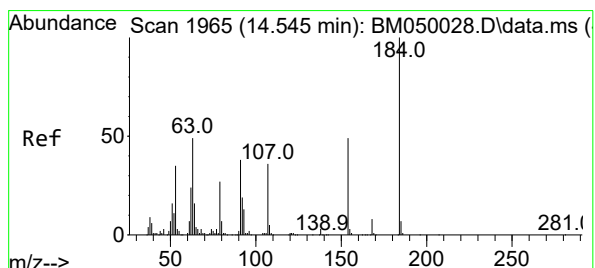
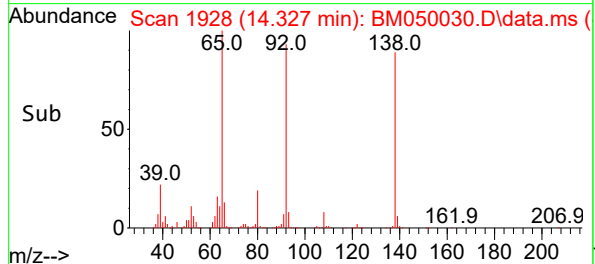
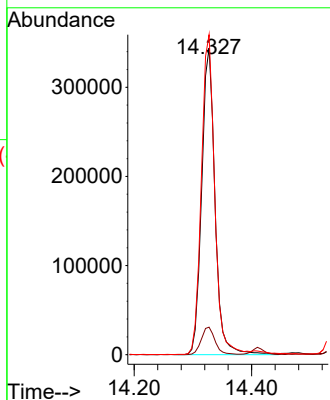
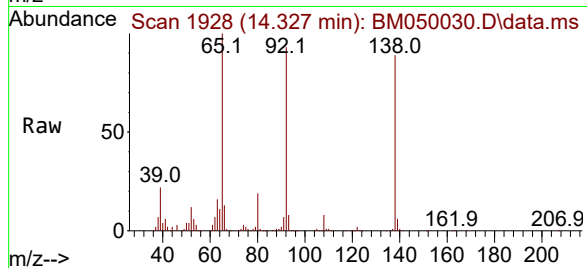




#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

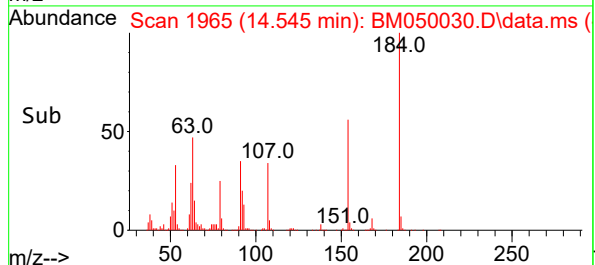
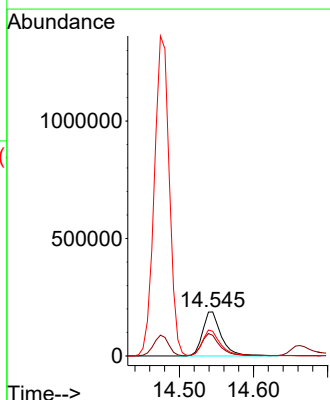
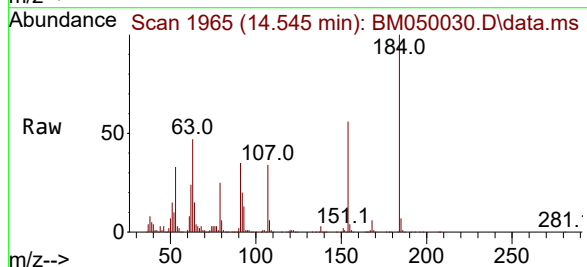
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

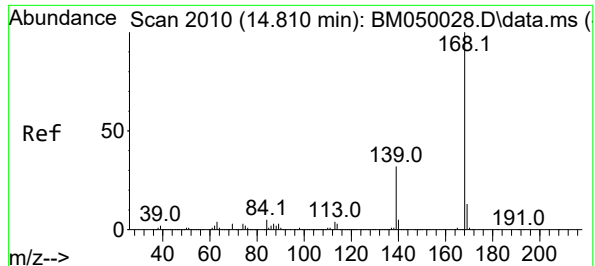
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0



#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1





#55

Dibenzofuran

Concen: 60.738 ng

RT: 14.810 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

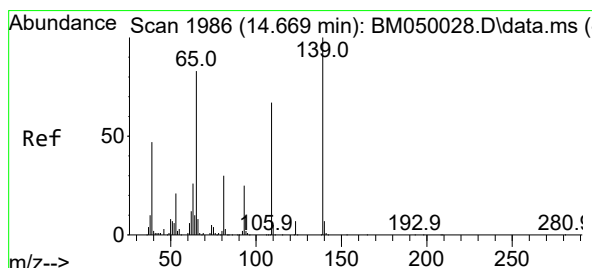
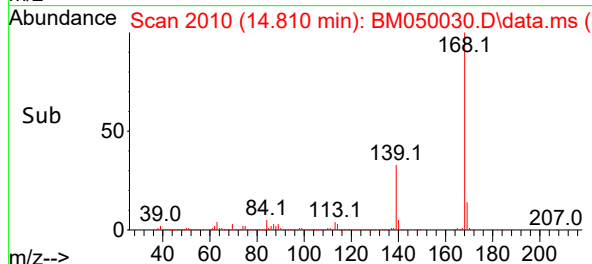
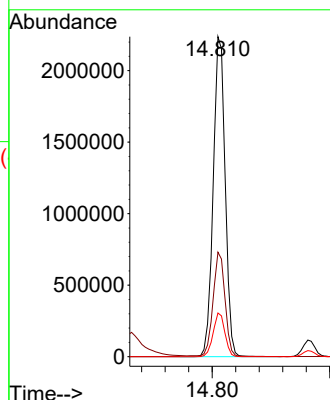
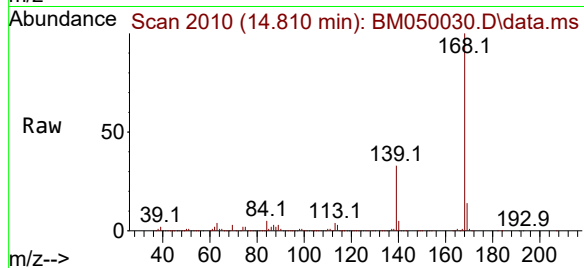
Tgt Ion:168 Resp: 3154566

Ion Ratio Lower Upper

168 100

139 32.6 26.1 39.1

169 13.6 10.8 16.2



#56

4-Nitrophenol

Concen: 60.088 ng

RT: 14.663 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

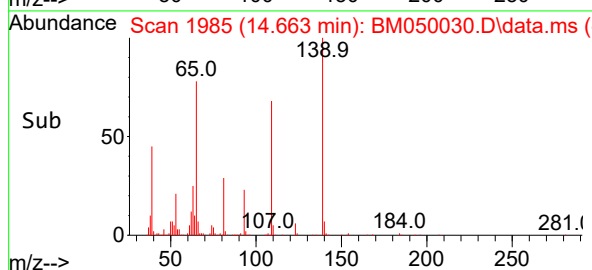
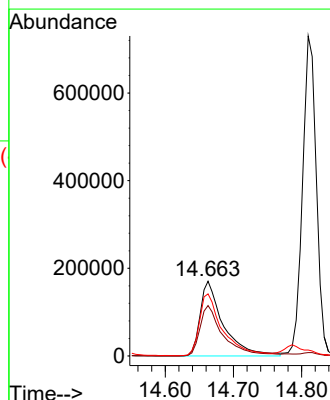
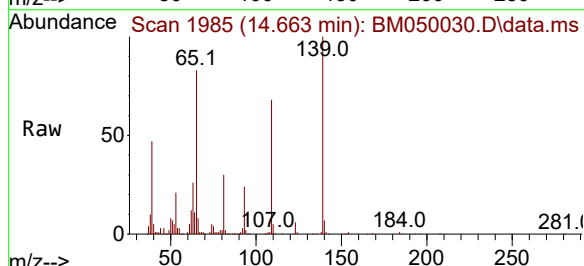
Tgt Ion:139 Resp: 402106

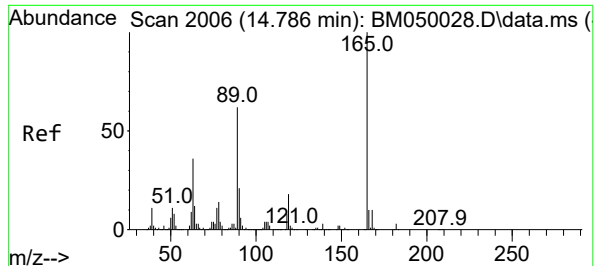
Ion Ratio Lower Upper

139 100

109 67.5 47.0 87.0

65 83.0 64.3 104.3





#57

2,4-Dinitrotoluene

Concen: 64.180 ng

RT: 14.786 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:165 Resp: 779604

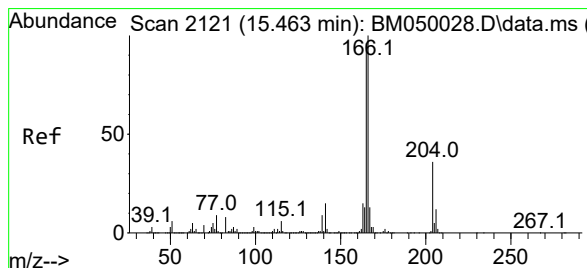
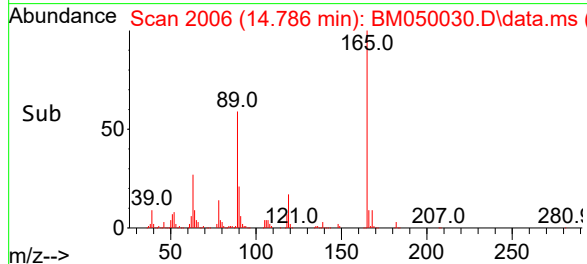
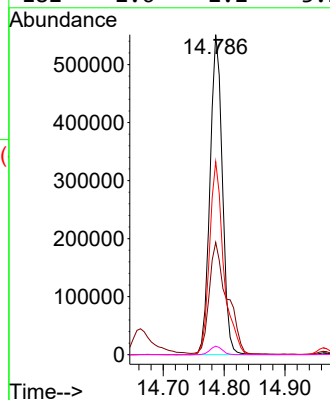
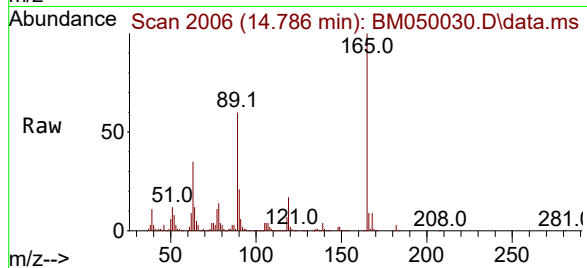
Ion Ratio Lower Upper

165 100

63 35.1 29.0 43.6

89 60.3 49.4 74.2

182 2.6 2.2 3.2



#58

Fluorene

Concen: 61.497 ng

RT: 15.463 min Scan# 2121

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

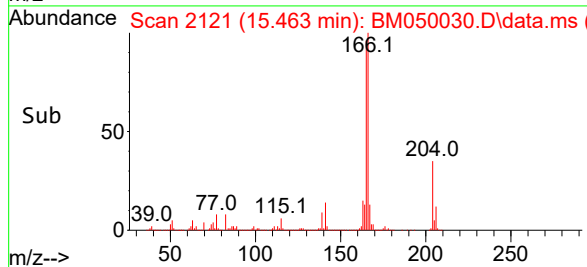
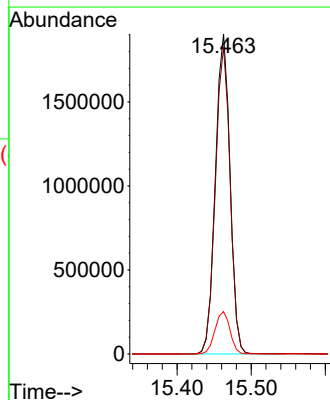
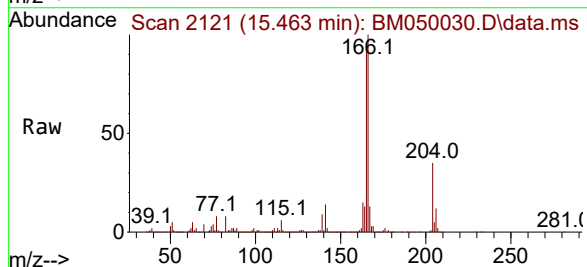
Tgt Ion:166 Resp: 2614340

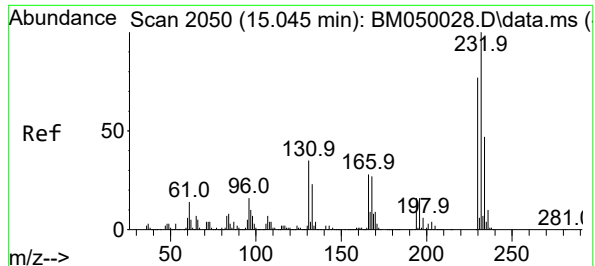
Ion Ratio Lower Upper

166 100

165 96.0 76.6 115.0

167 13.3 10.6 16.0

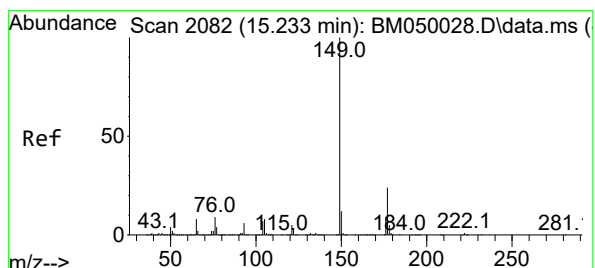
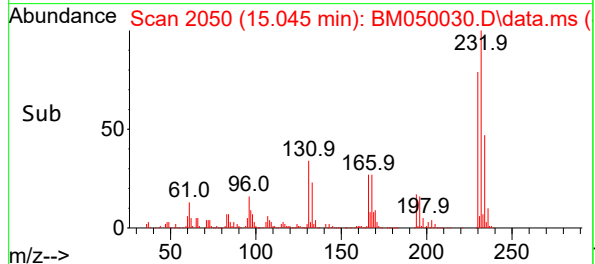
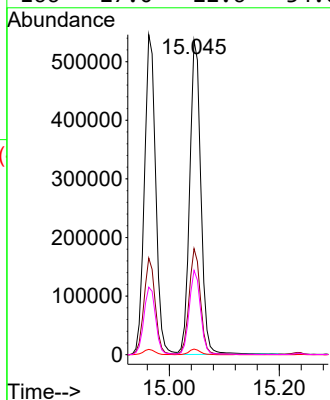
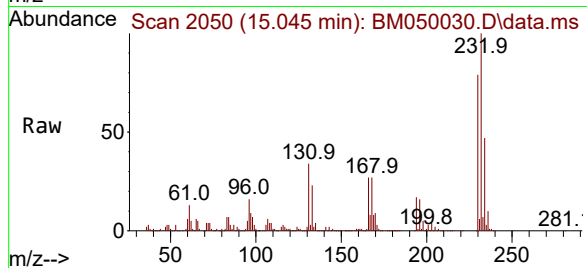




#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

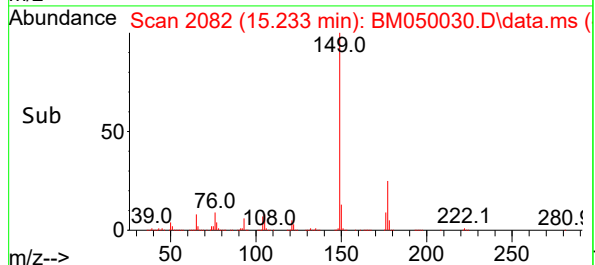
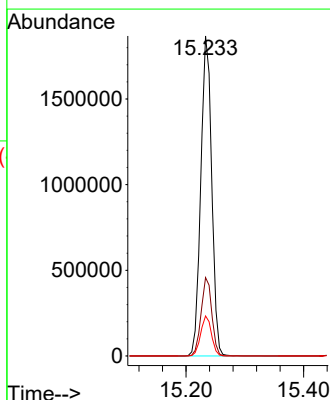
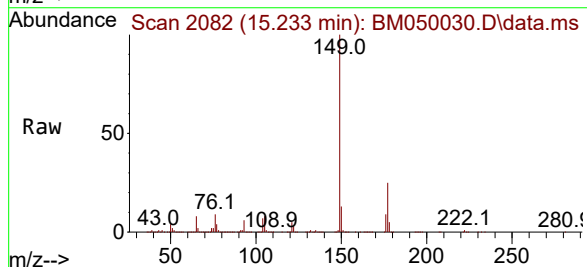
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

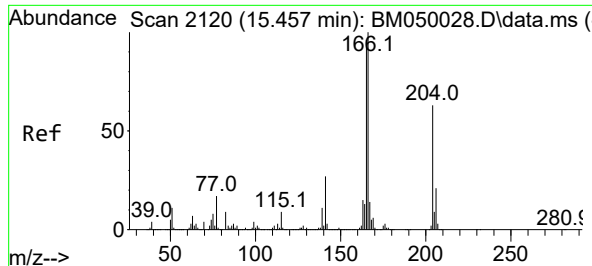
Tgt Ion:232 Resp: 752680
Ion Ratio Lower Upper
232 100
131 34.1 28.2 42.4
130 1.8 1.5 2.3
166 27.0 22.6 34.0



#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624
Ion Ratio Lower Upper
149 100
177 24.5 19.1 28.7
150 12.5 9.6 14.4

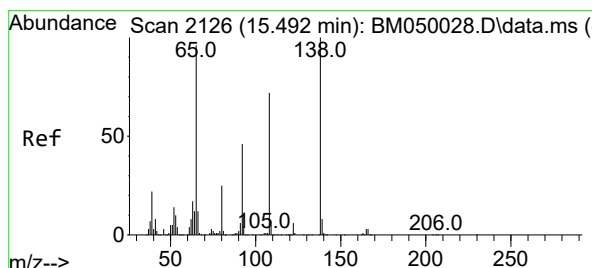
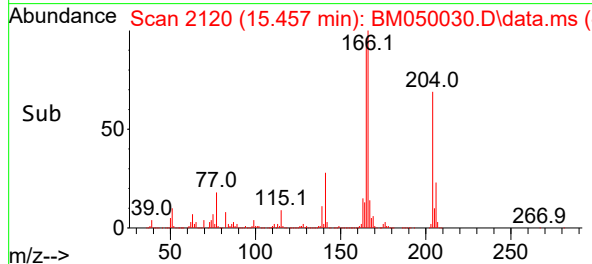
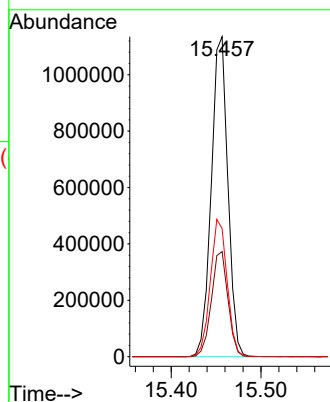
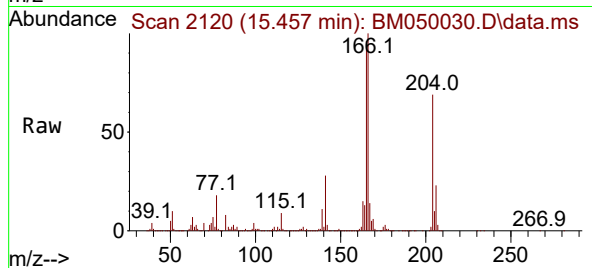




#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

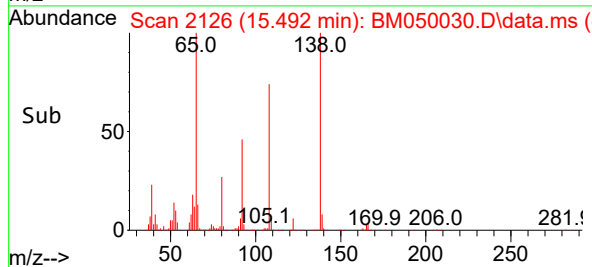
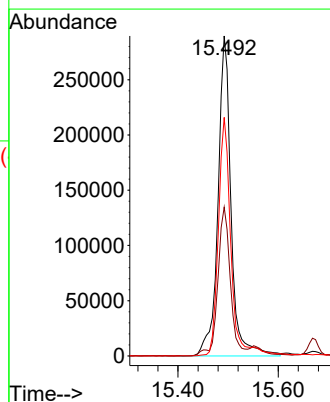
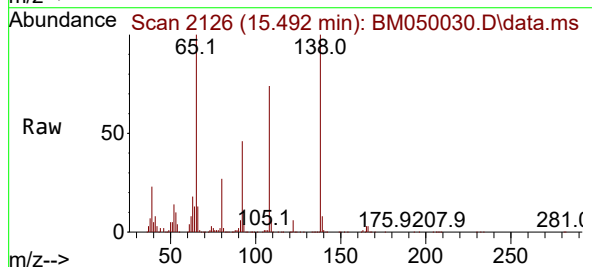
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

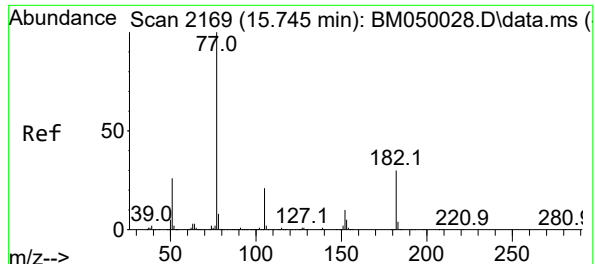
Tgt Ion:204 Resp: 1457099
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 40.0 34.0 51.0



#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 74.6 52.4 92.4

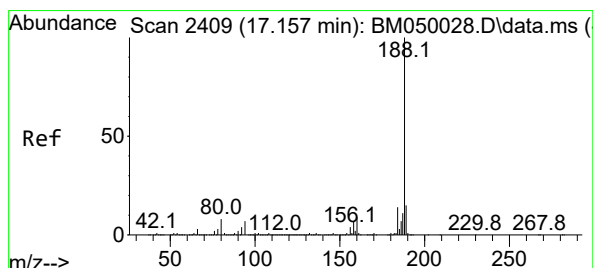
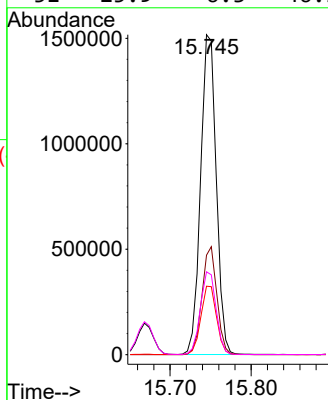
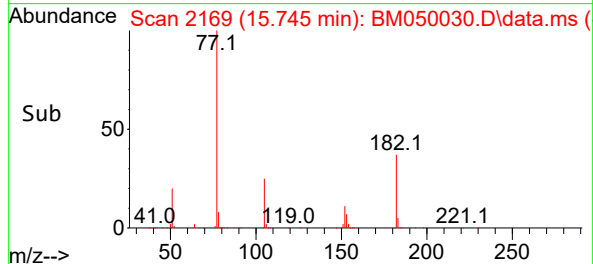
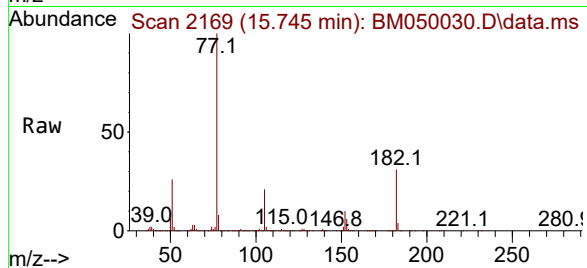




#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

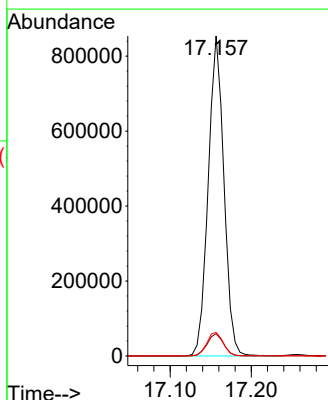
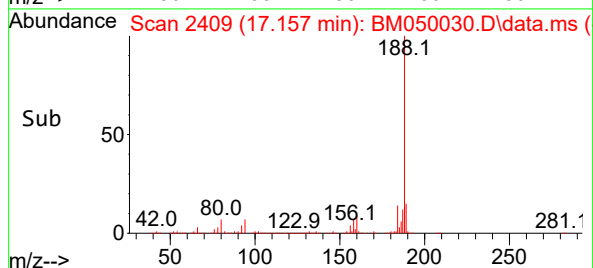
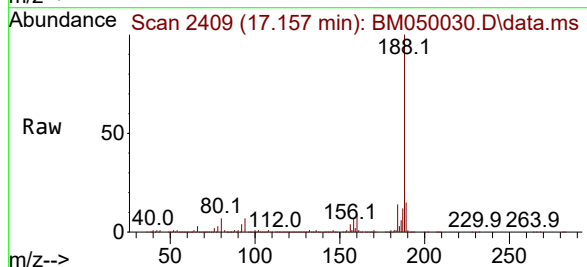
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

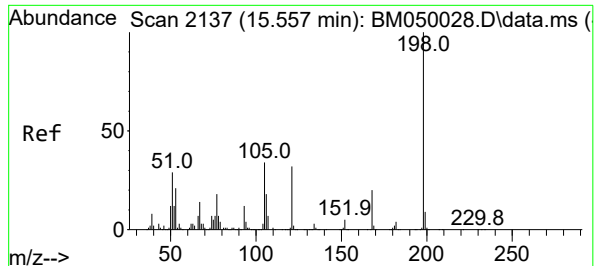
Tgt Ion: 77 Resp: 2030208
Ion Ratio Lower Upper
77 100
182 31.1 10.5 50.5
105 21.4 1.1 41.1
51 25.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 188 Resp: 1144389
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.3 6.2 9.4

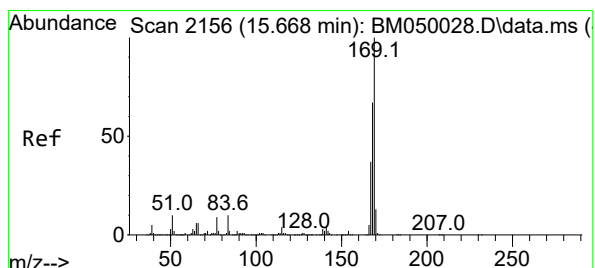
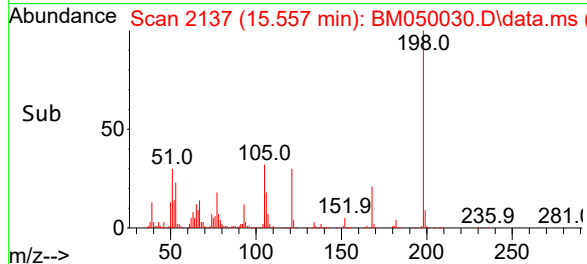
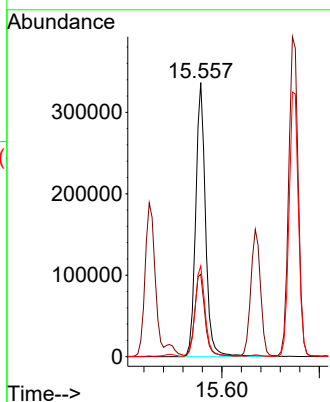
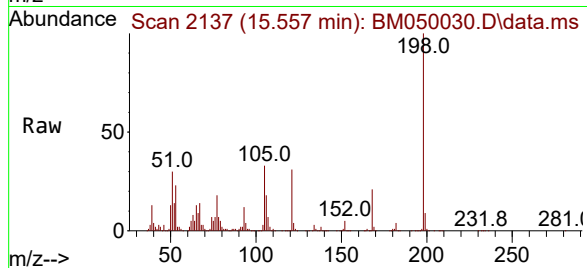




#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

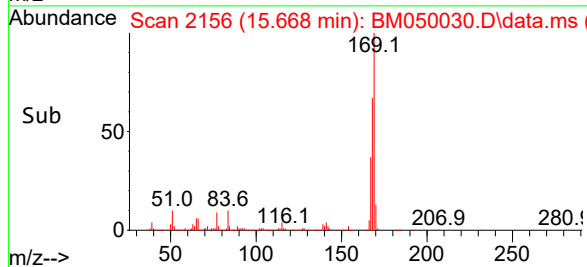
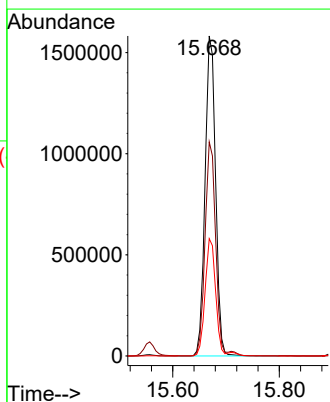
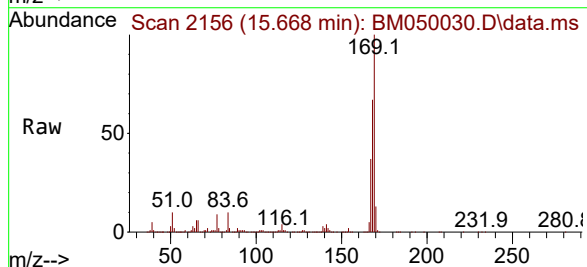
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

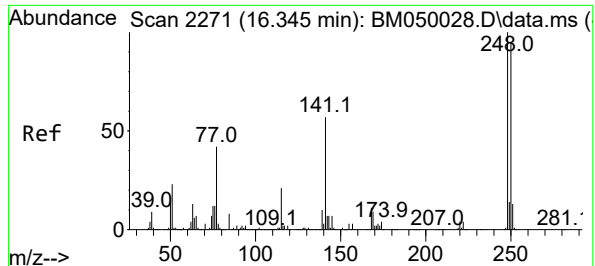
Tgt Ion:198 Resp: 473987
Ion Ratio Lower Upper
198 100
51 30.1 10.4 50.4
105 33.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.6 29.4 44.0

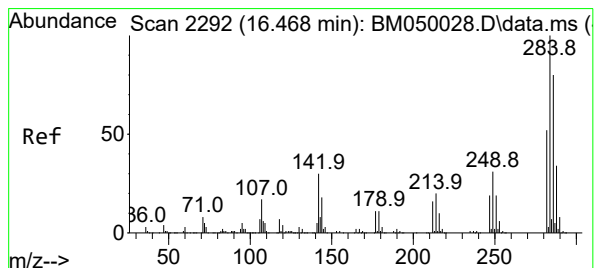
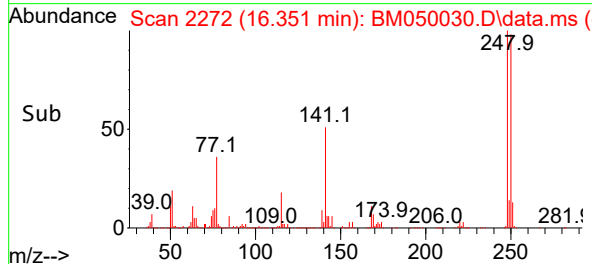
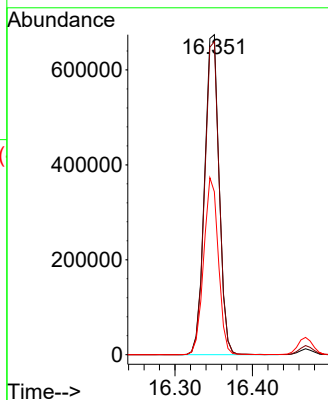
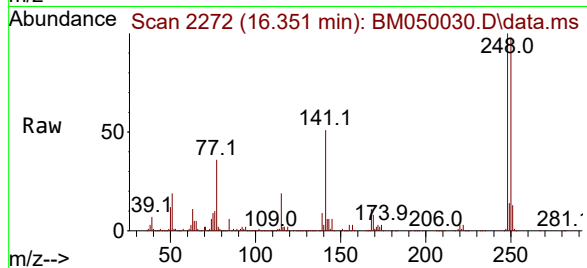




#67
4-Bromophenyl-phenylether
Concen: 63.509 ng
RT: 16.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

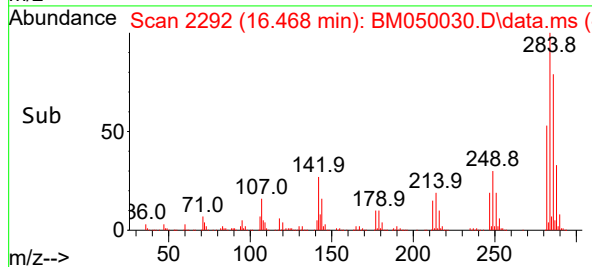
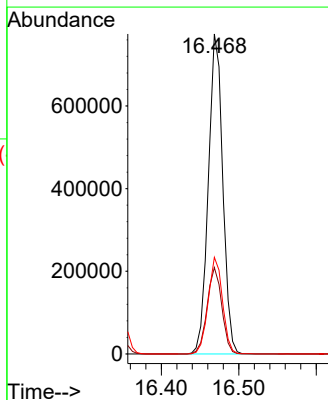
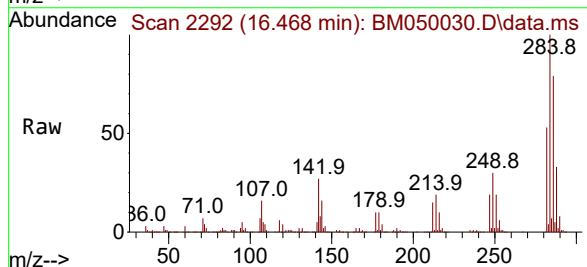
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

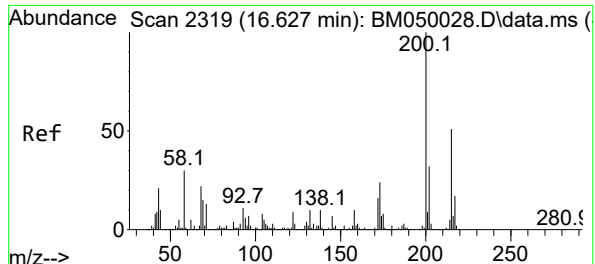
Tgt Ion:248 Resp: 878886
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.2
141 50.9 45.9 68.9



#68
Hexachlorobenzene
Concen: 62.711 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:284 Resp: 1000366
Ion Ratio Lower Upper
284 100
142 27.0 23.9 35.9
249 30.2 24.5 36.7





#69

Atrazine

Concen: 63.312 ng

RT: 16.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

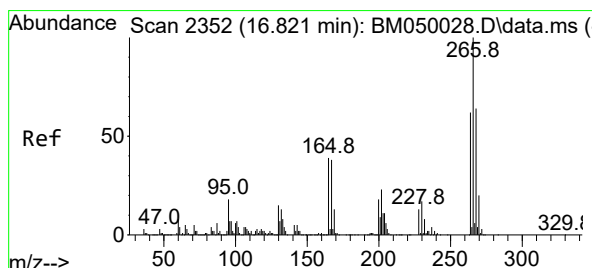
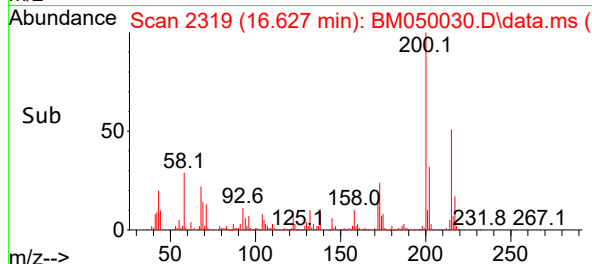
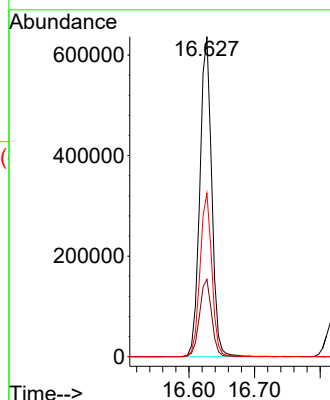
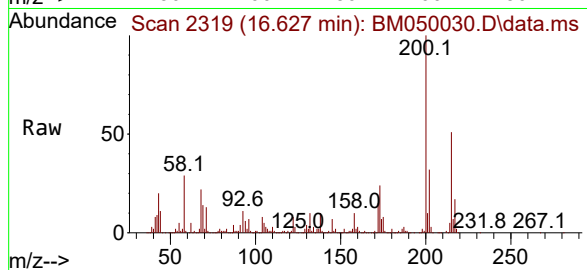
Tgt Ion:200 Resp: 802538

Ion Ratio Lower Upper

200 100

173 24.2 4.3 44.3

215 51.0 30.6 70.6



#70

Pentachlorophenol

Concen: 65.136 ng

RT: 16.821 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

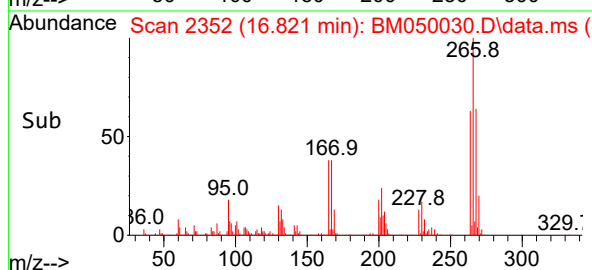
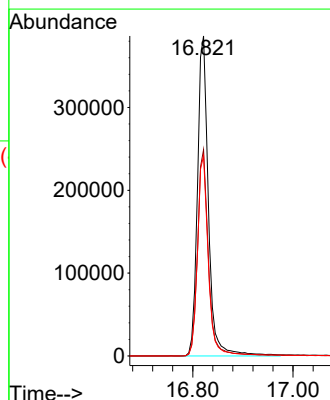
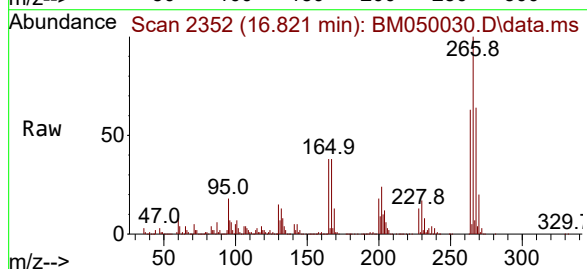
Tgt Ion:266 Resp: 584874

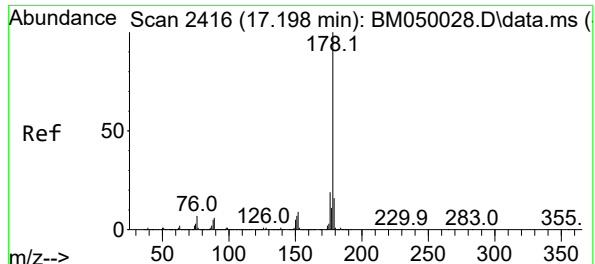
Ion Ratio Lower Upper

266 100

268 64.5 51.2 76.8

264 62.6 49.6 74.4

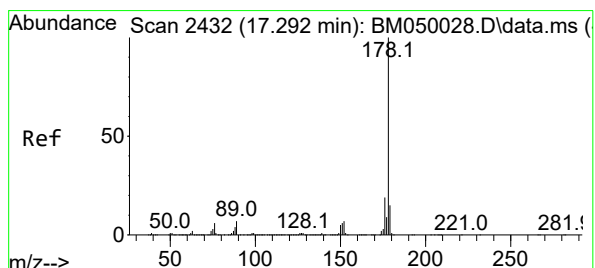
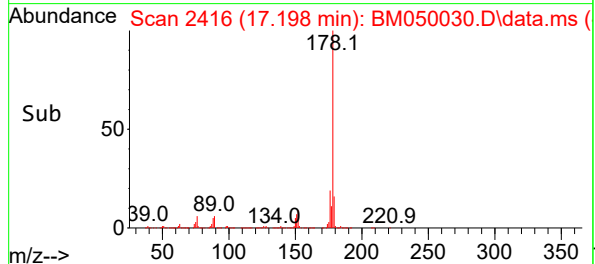
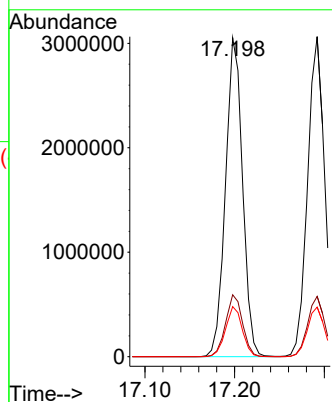
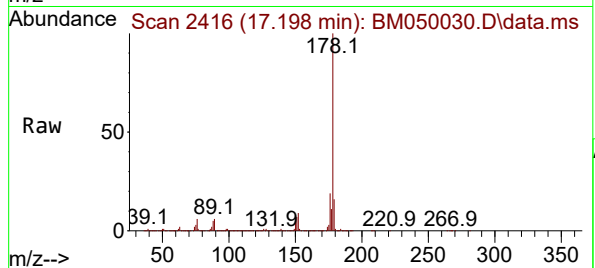




#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

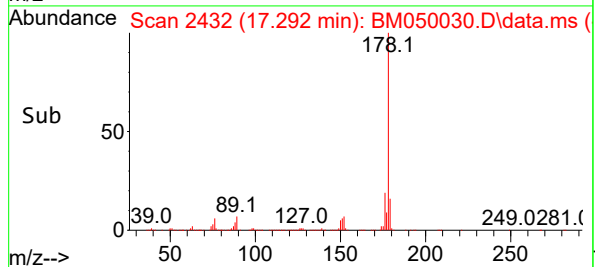
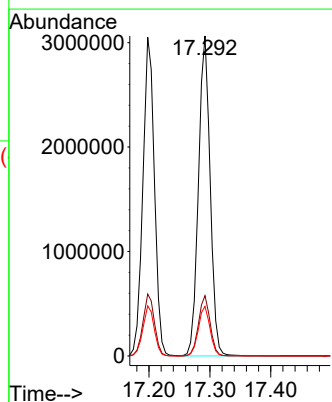
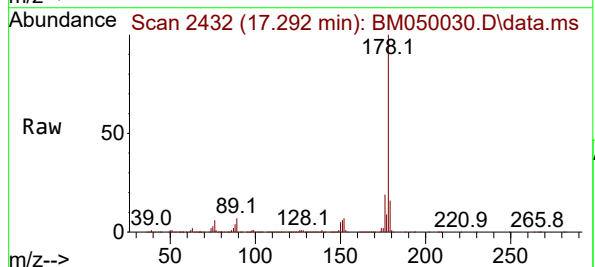
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

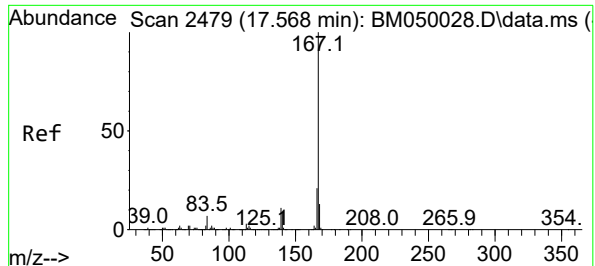
Tgt Ion:178 Resp: 4028280
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.4 18.6



#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4

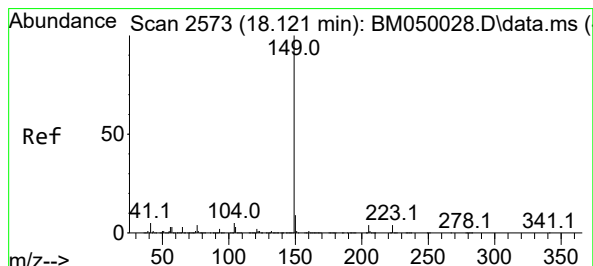
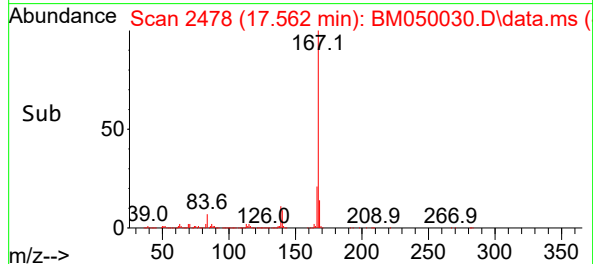
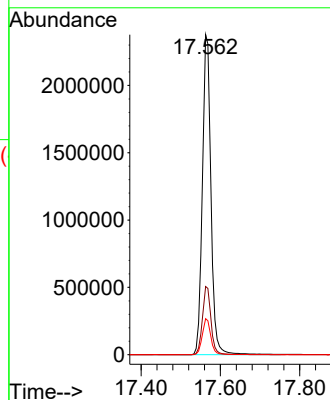
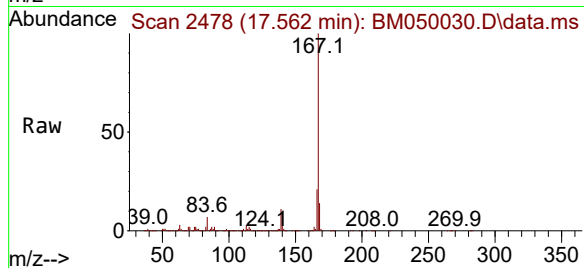




#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

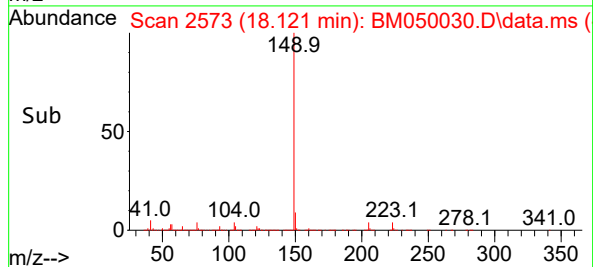
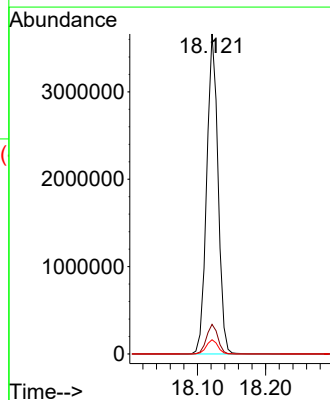
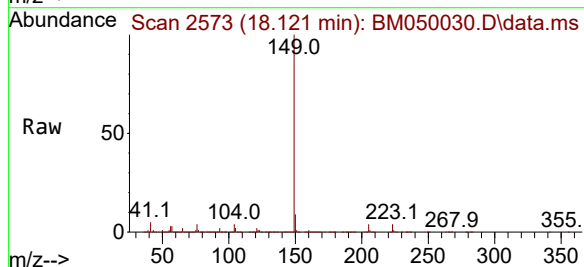
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

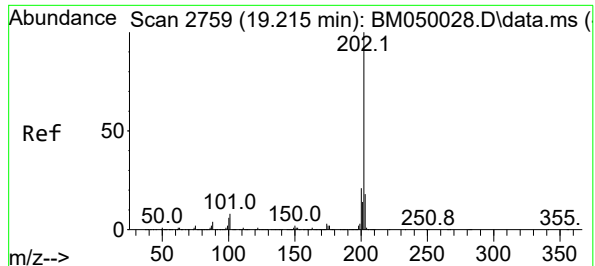
Tgt Ion:167 Resp: 3562573
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6

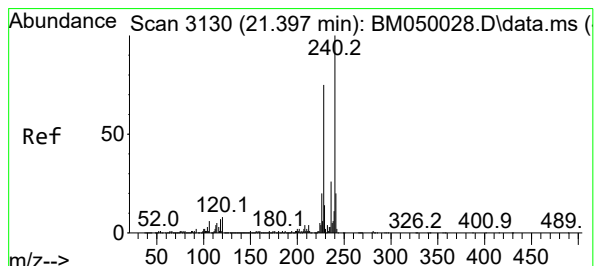
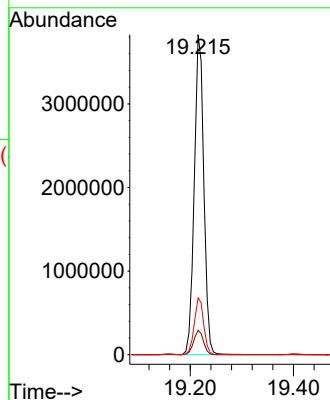
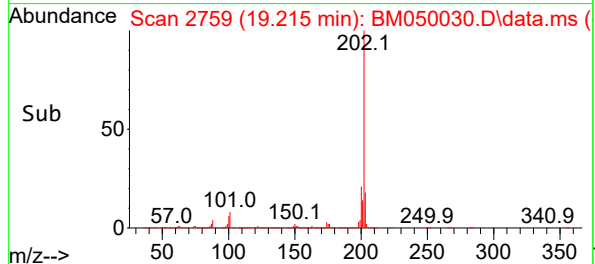
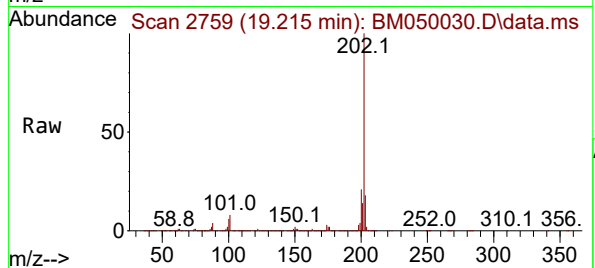




#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

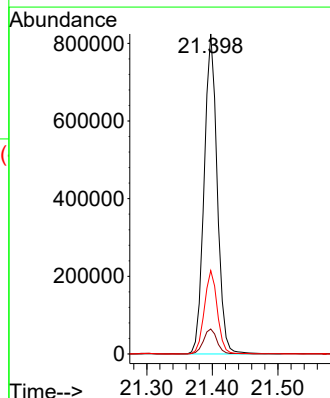
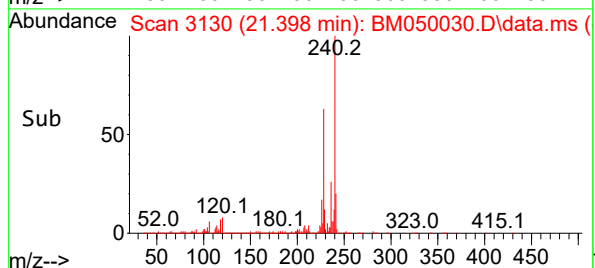
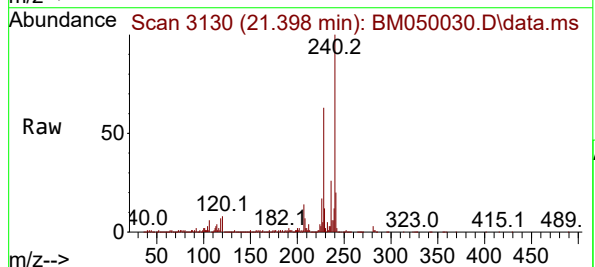
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

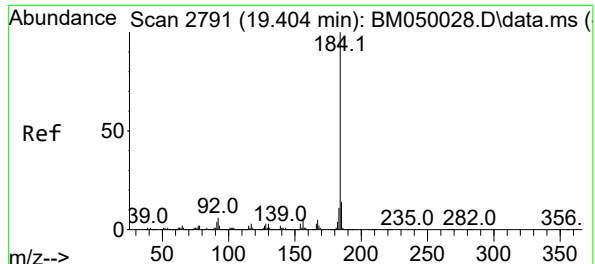
Tgt Ion:202 Resp: 4891273
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 26.1 20.9 31.3

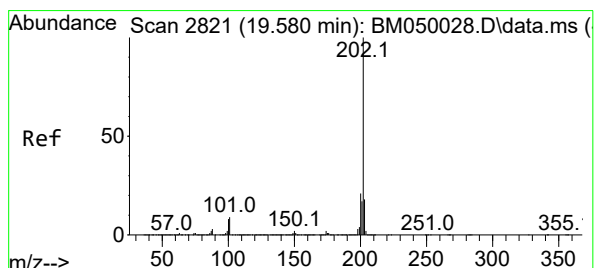
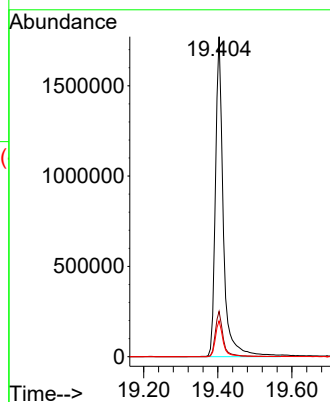
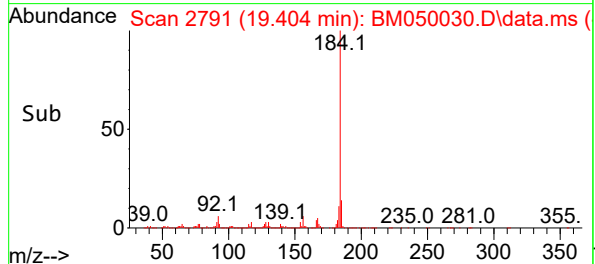
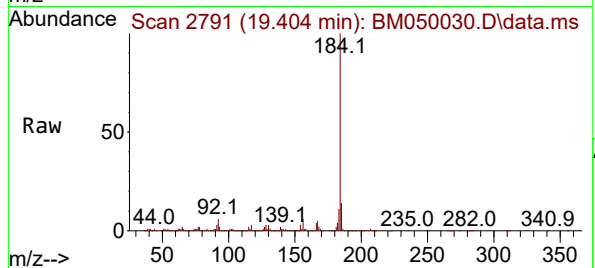




#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

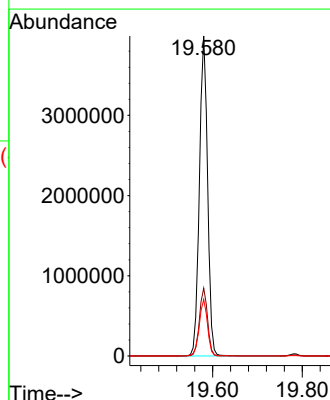
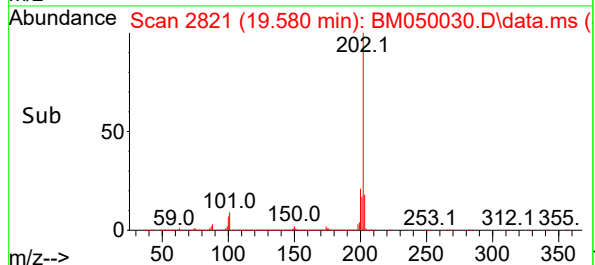
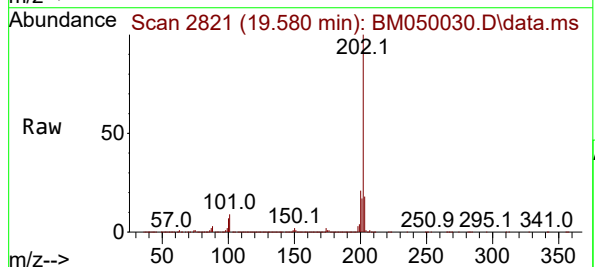
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

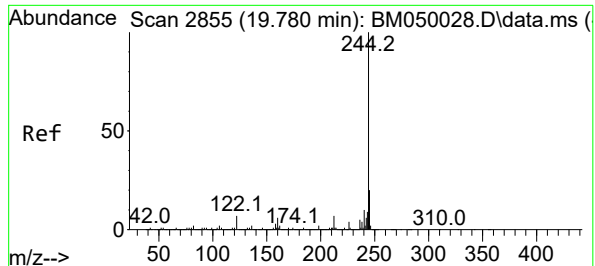
Tgt Ion:184 Resp: 2626747
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 8.9 13.3



#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.6 14.1 21.1

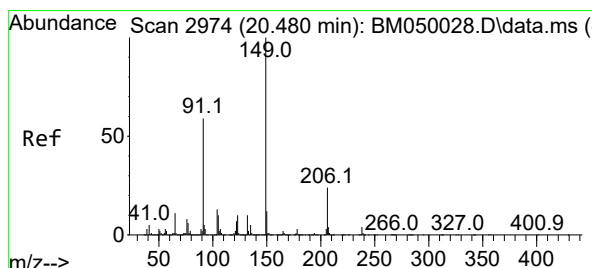
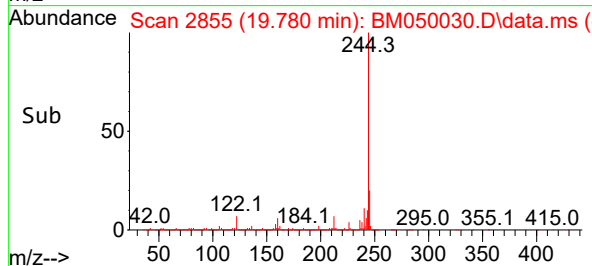
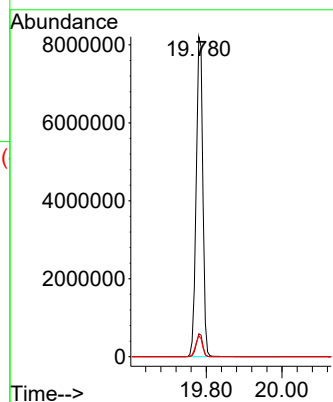
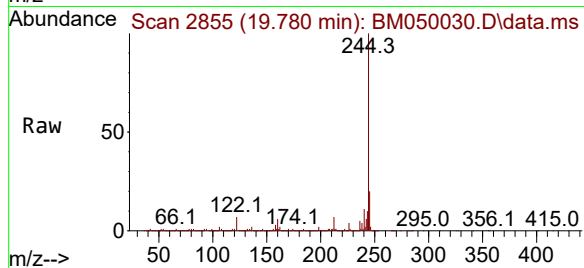




#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

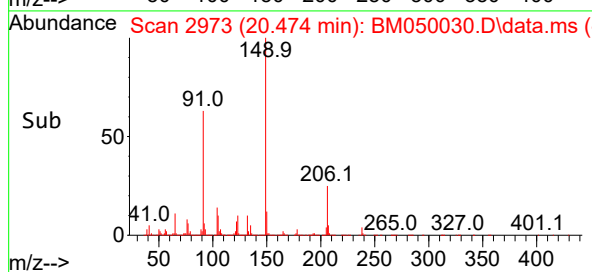
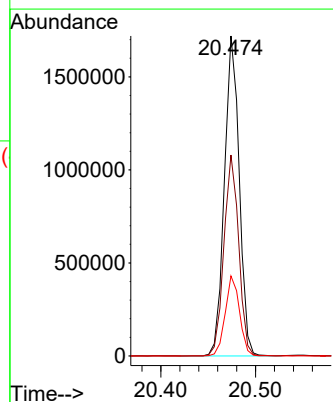
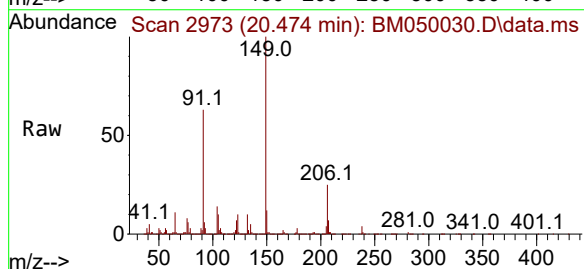
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

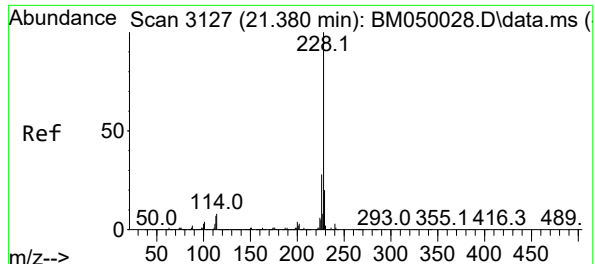
Tgt Ion:244 Resp:10017186
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 6.6 5.6 8.4



#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444
Ion Ratio Lower Upper
149 100
91 62.8 47.4 71.2
206 25.0 19.4 29.0

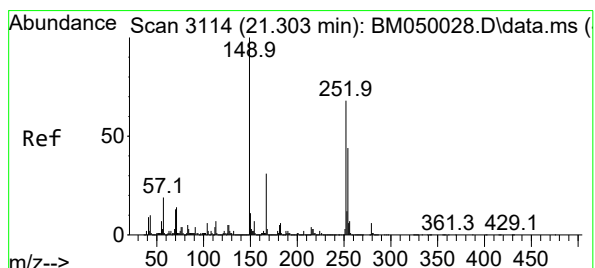
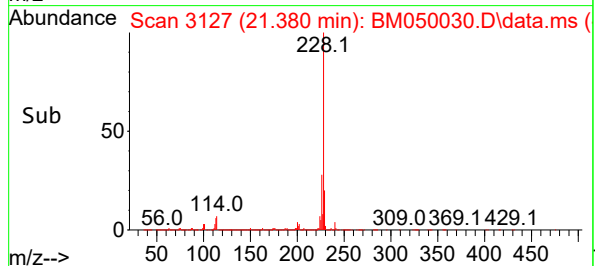
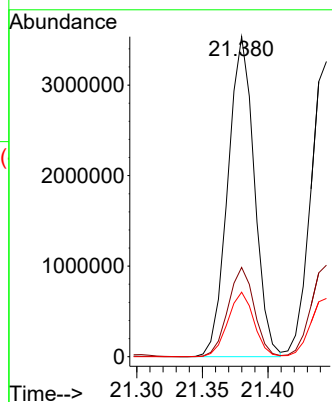
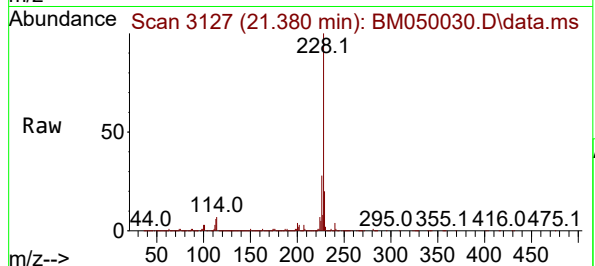




#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

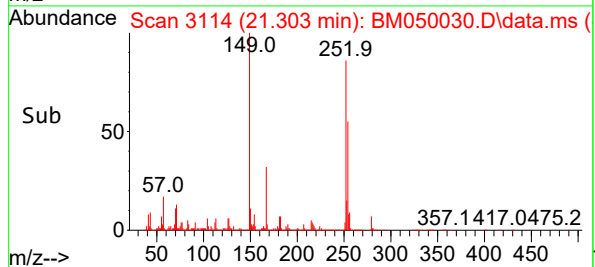
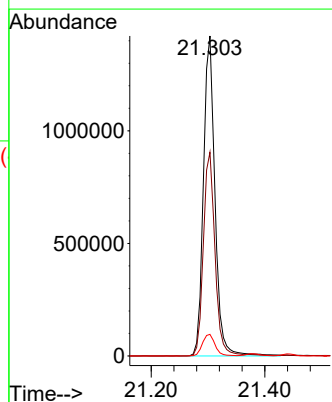
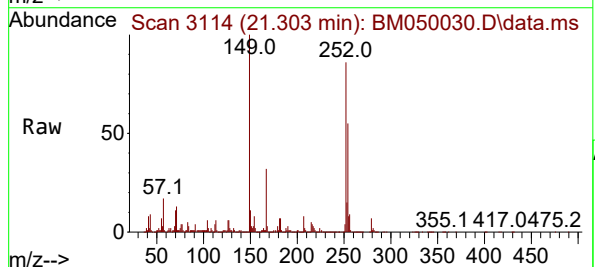
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

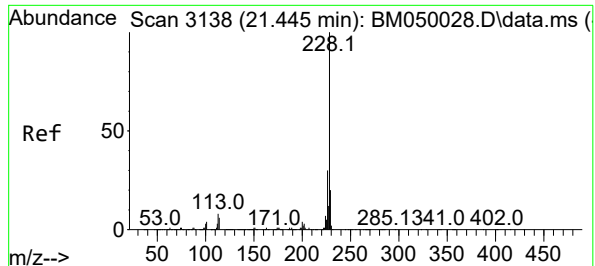
Tgt Ion:228 Resp: 4954357
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.6
126 6.7 6.0 9.0





#83

Chrysene

Concen: 62.348 ng

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

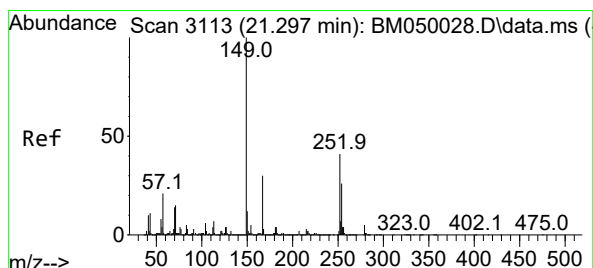
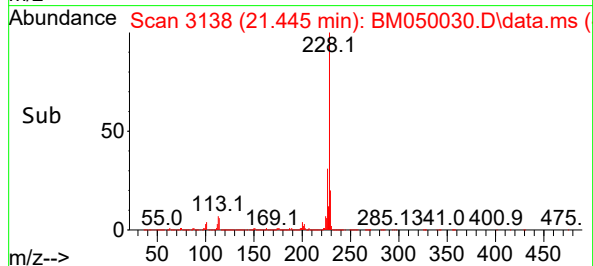
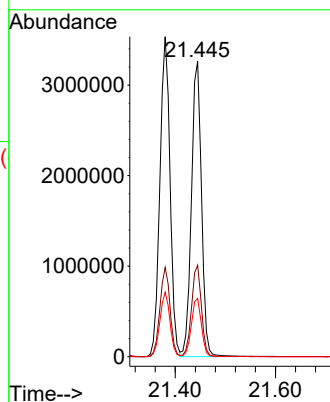
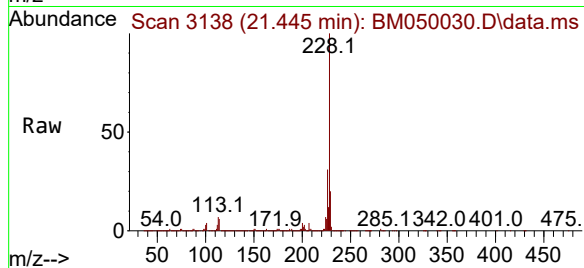
Tgt Ion:228 Resp: 4549388

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.192 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

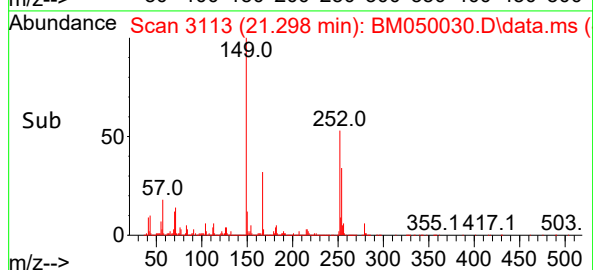
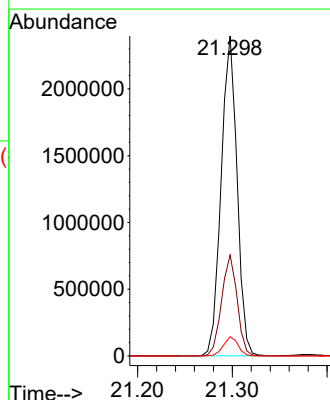
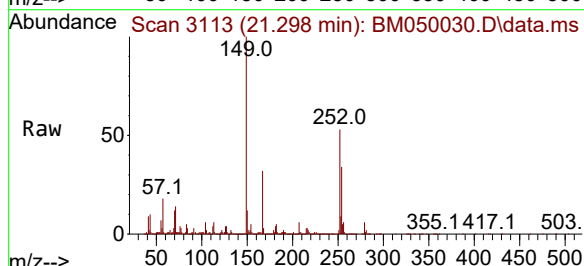
Tgt Ion:149 Resp: 2797195

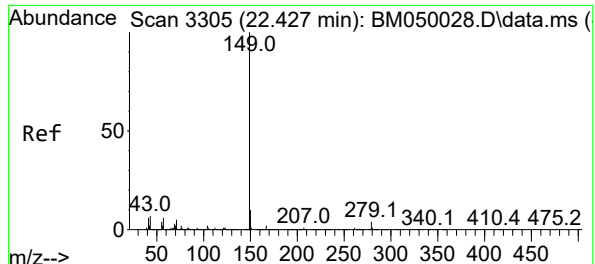
Ion Ratio Lower Upper

149 100

167 31.6 24.1 36.1

279 6.0 3.9 5.9#

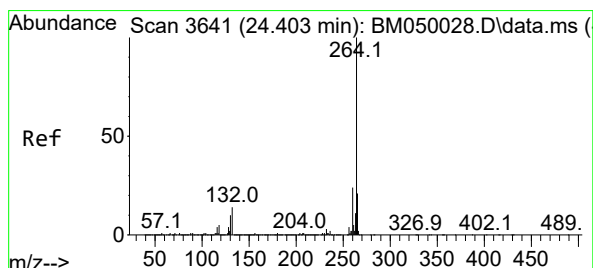
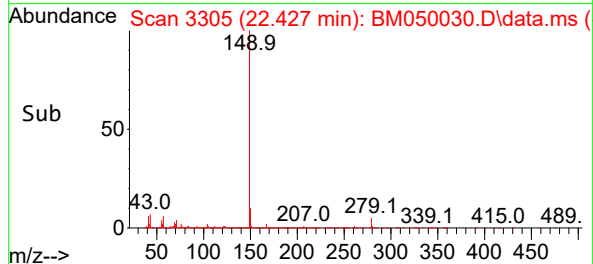
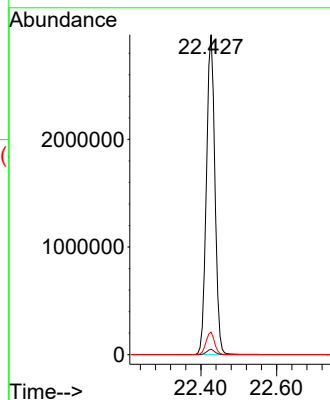
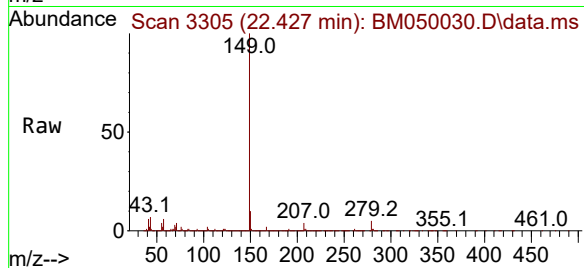




#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

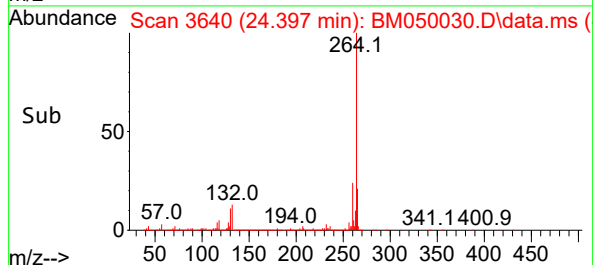
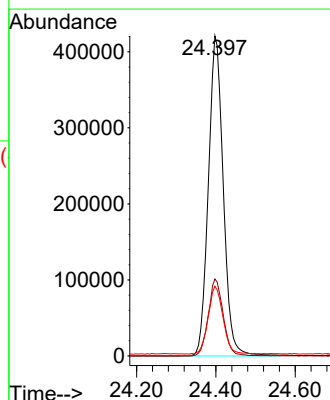
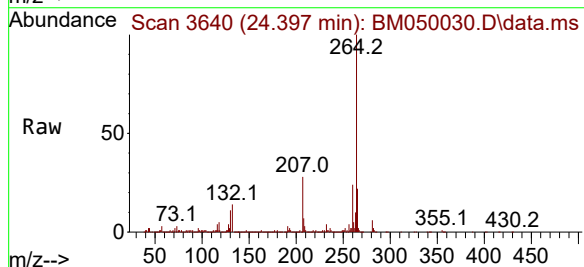
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

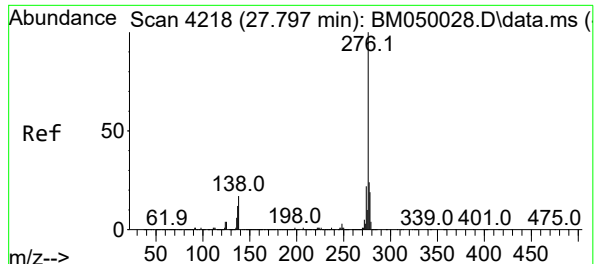
Tgt Ion:149 Resp: 4605837
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.1 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.8 17.0 25.4

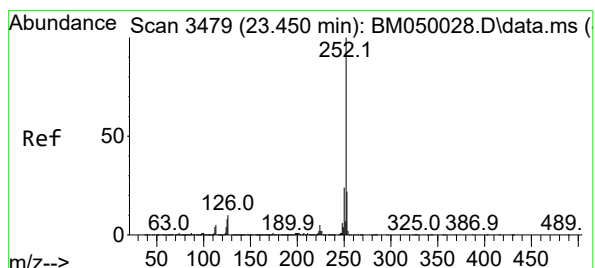
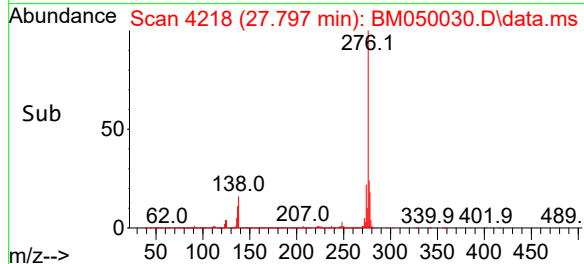
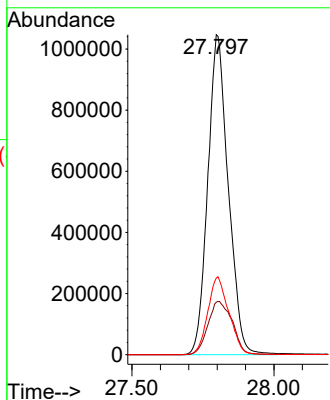
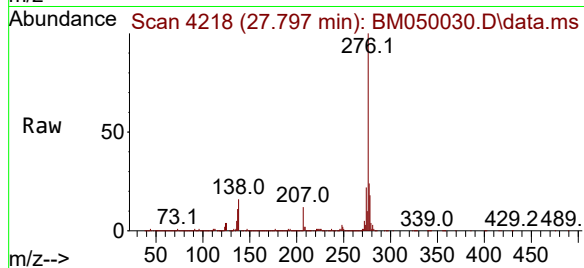




#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

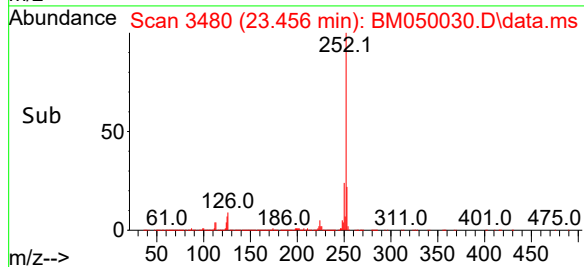
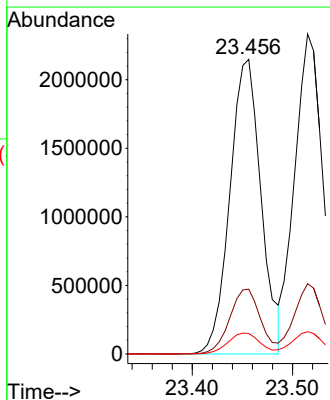
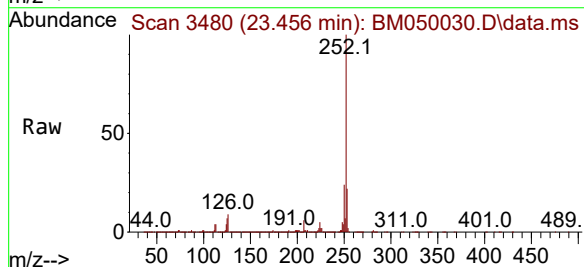
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

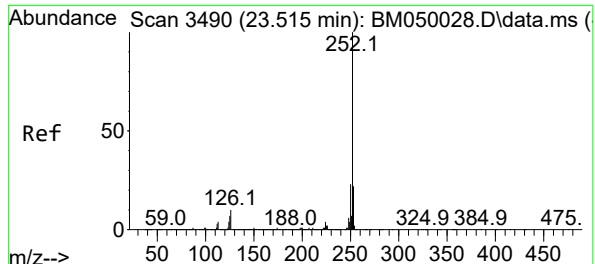
Tgt Ion:276 Resp: 5248662
Ion Ratio Lower Upper
276 100
138 19.9 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.9 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 63.050 ng

RT: 23.515 min Scan# 3490

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

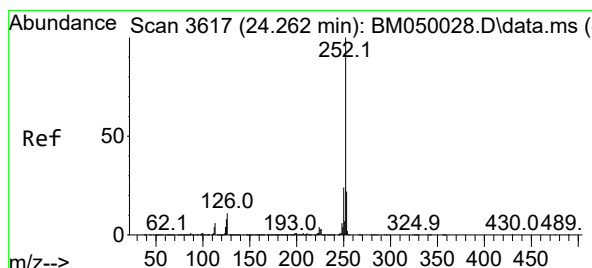
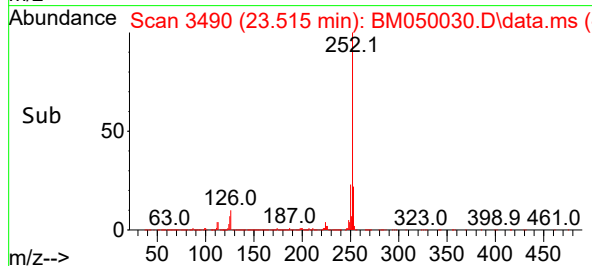
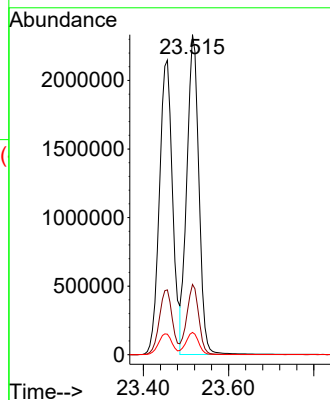
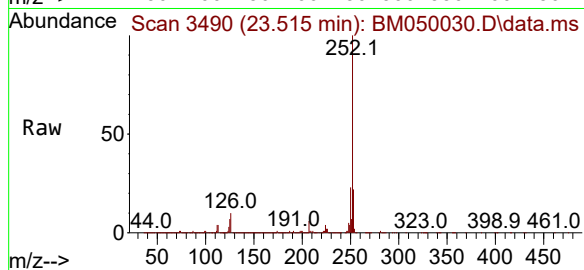
Tgt Ion:252 Resp: 4561134

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.0 5.8 8.8



#90

Benzo(a)pyrene

Concen: 63.936 ng

RT: 24.262 min Scan# 3617

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

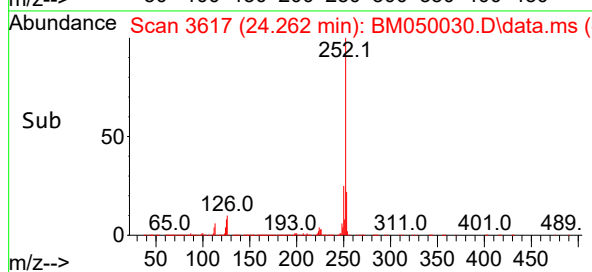
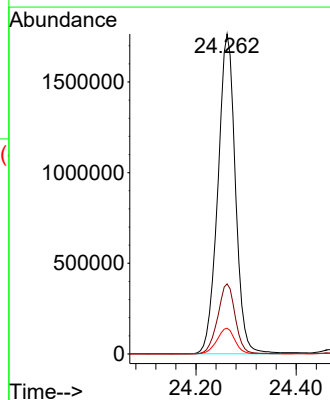
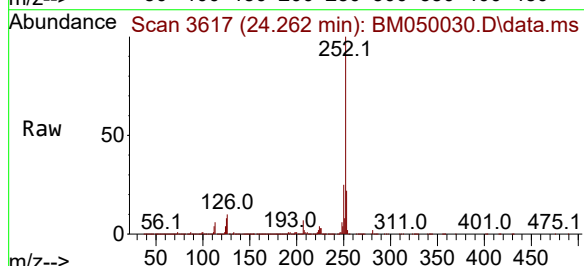
Tgt Ion:252 Resp: 4281665

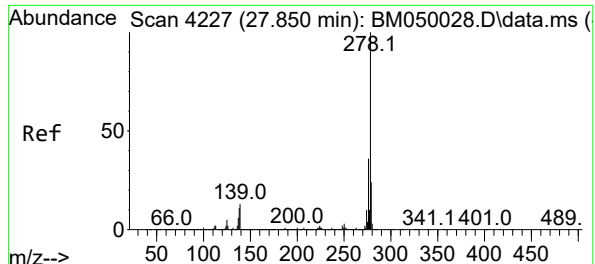
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.0 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 64.478 ng

RT: 27.850 min Scan# 4227

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

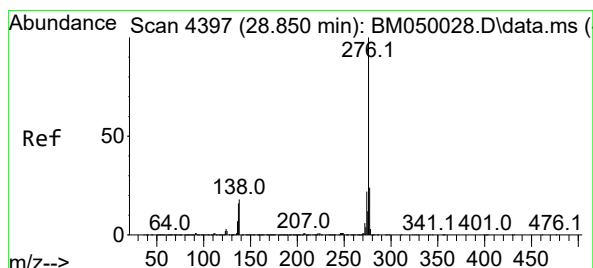
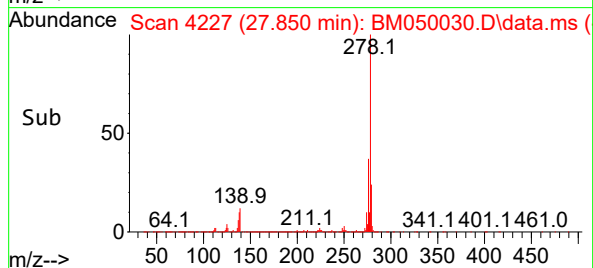
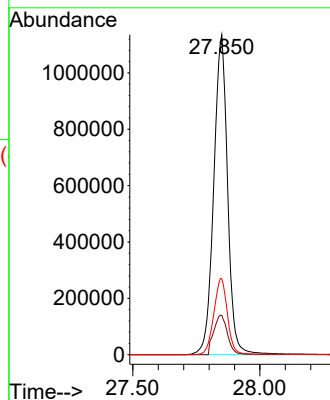
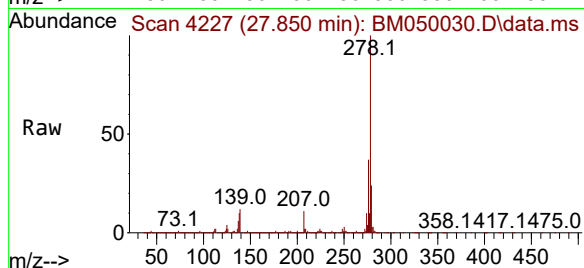
Tgt Ion:278 Resp: 4305928

Ion Ratio Lower Upper

278 100

139 12.3 10.5 15.7

279 23.6 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 63.142 ng

RT: 28.850 min Scan# 4397

Delta R.T. 0.000 min

Lab File: BM050030.D

Acq: 28 Apr 2025 16:24

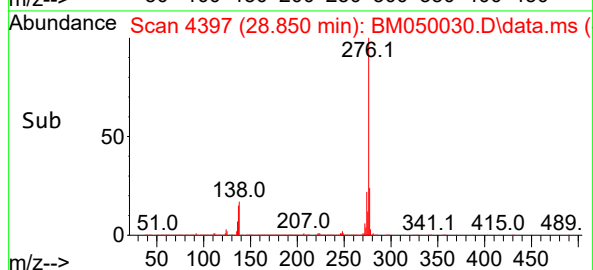
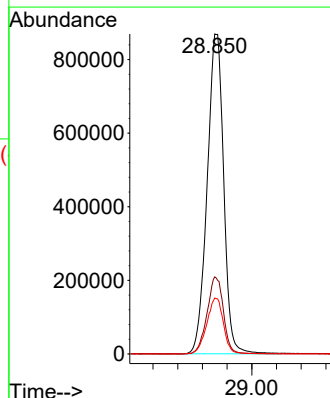
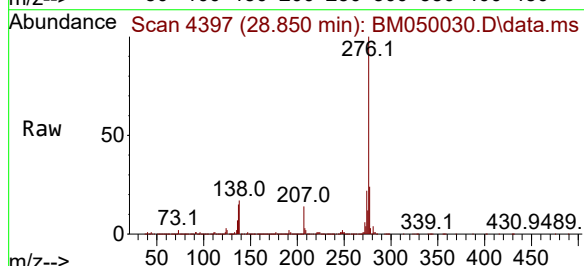
Tgt Ion:276 Resp: 4036958

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 17.5 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng	0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng	0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng	0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng	0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng 99
3) Pyridine	3.657	79	1267903	80.171	ng 99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng 99
6) Aniline	7.098	93	1845033	80.979	ng 99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng 100
9) Benzaldehyde	6.910	77	898993	74.544	ng 99
10) Phenol	6.981	94	1491194	81.638	ng 98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng 99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng 100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng 99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng 99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng 100
17) 2-Methylphenol	8.228	107	980375	81.473	ng 99
18) Hexachloroethane	8.845	117	513126	76.632	ng 98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng 99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng 99
22) Acetophenone	8.592	105	1815657	78.406	ng # 99
24) Nitrobenzene	8.975	77	1289068	78.871	ng 99
25) Isophorone	9.504	82	2559279	79.430	ng 100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng 99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng 99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng 99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng 99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng 99
31) Naphthalene	10.610	128	3686066	78.143	ng 100
32) Benzoic acid	9.951	122	800660	90.660	ng 97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng 99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng 99
35) Caprolactam	11.539	113	371164	82.060	ng 98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng 99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng 99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng 99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng 99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng 99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050031.D
 Acq On : 28 Apr 2025 17:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 28 17:59:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 17:38:08 2025
 Response via : Initial Calibration

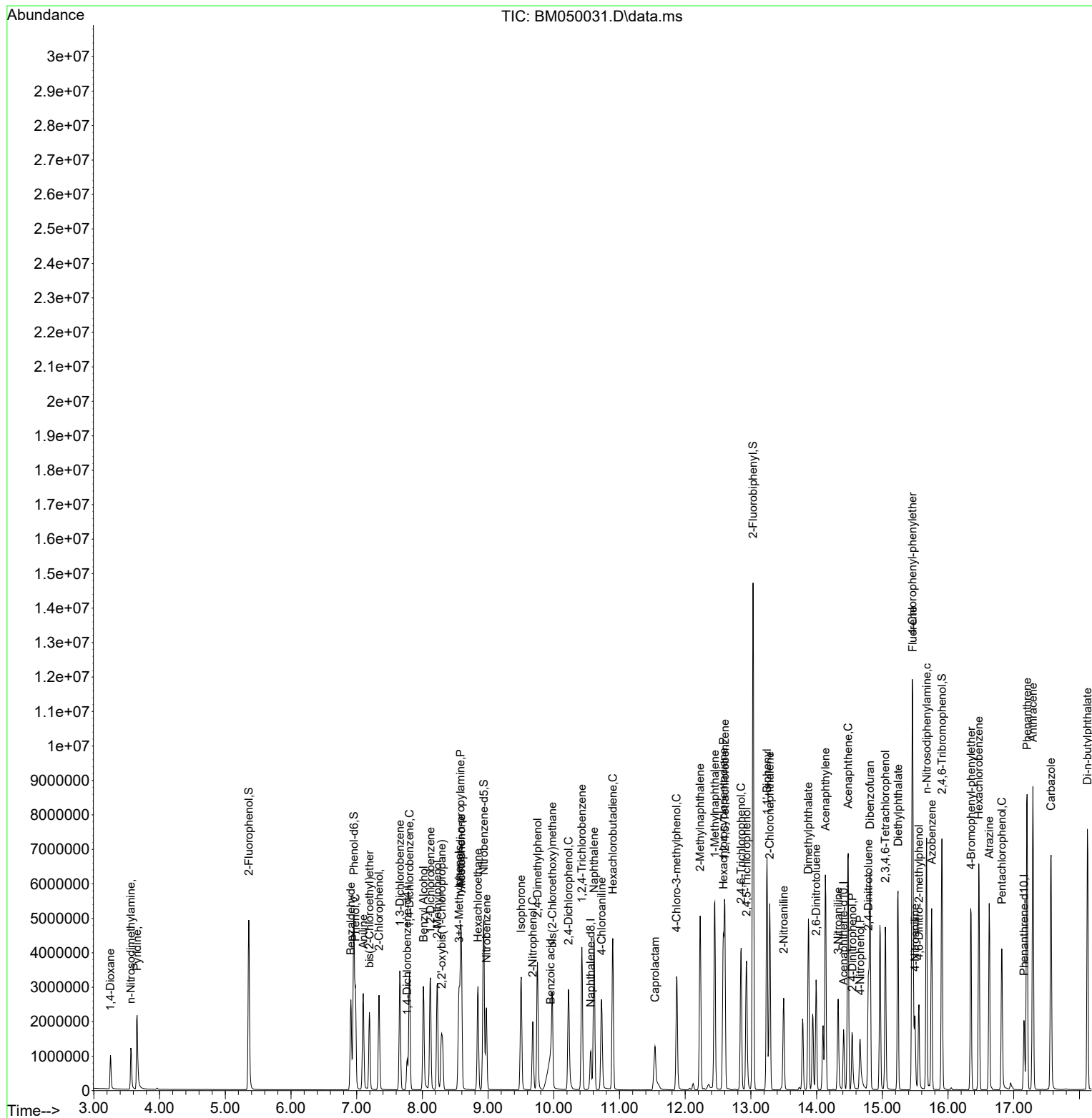
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng	98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng	99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng	99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng	99
49) Acenaphthylene	14.133	152	4526874	79.492	ng	99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng	99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng	99
52) Acenaphthene	14.480	154	2618967	79.452	ng	100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng	100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng	98
55) Dibenzofuran	14.815	168	4325783	78.875	ng	99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng	99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng	96
58) Fluorene	15.462	166	3565506	79.426	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng	96
60) Diethylphthalate	15.239	149	3257954	77.118	ng	97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng	96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng	99
63) Azobenzene	15.751	77	2723186	76.914	ng	95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng	96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng	94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng	95
69) Atrazine	16.627	200	1116818	83.174	ng	100
70) Pentachlorophenol	16.821	266	843195	88.648	ng	99
71) Phenanthrene	17.203	178	5487968	80.266	ng	99
72) Anthracene	17.292	178	5597195	80.893	ng	99
73) Carbazole	17.568	167	4845637	80.705	ng	99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng	99
75) Fluoranthene	19.221	202	6841999	85.234	ng	99
77) Benzidine	19.403	184	3598340	84.575	ng	100
78) Pyrene	19.580	202	6959279	82.738	ng	99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng	97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng	99
83) Chrysene	21.444	228	6207632	81.316	ng	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	# 96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng	98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng	99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng	99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng	99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

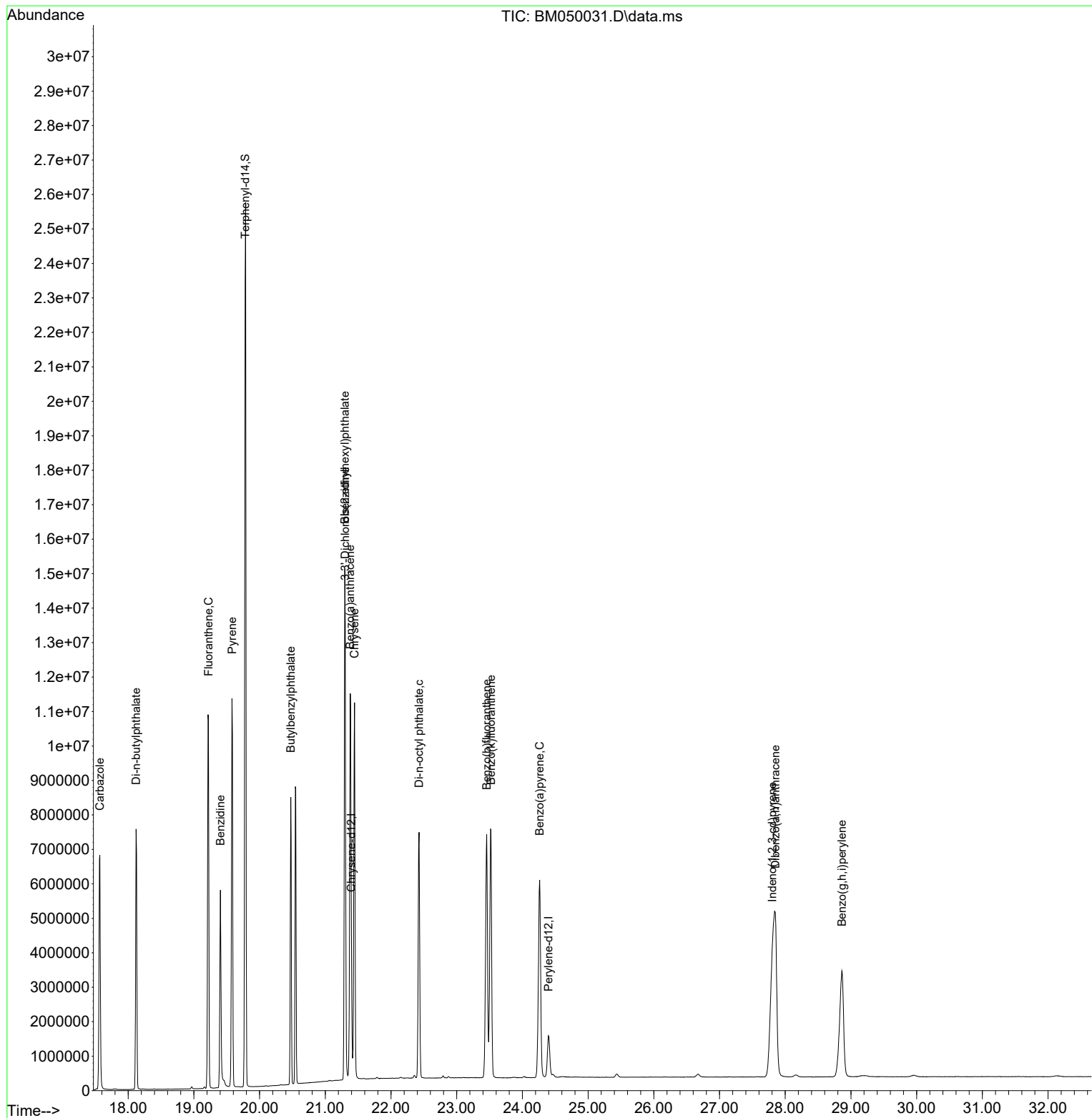
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

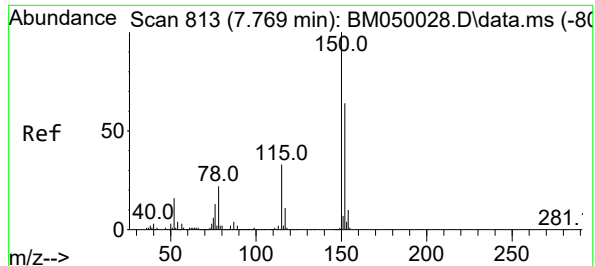


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Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
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QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

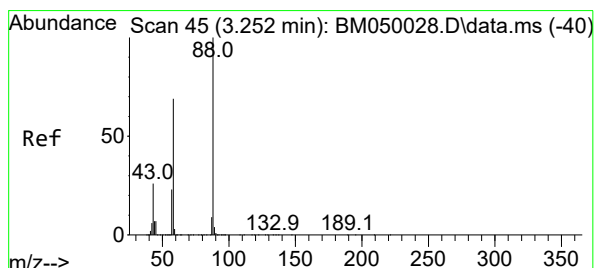
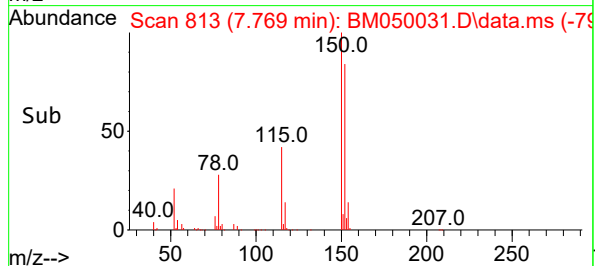
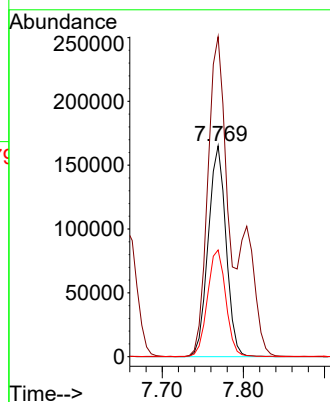
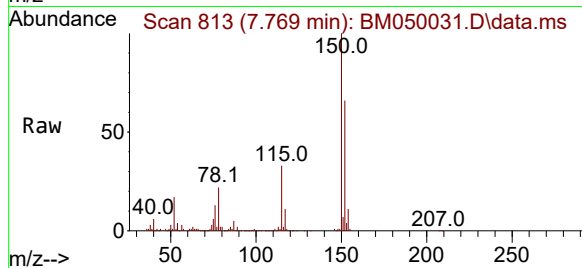




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

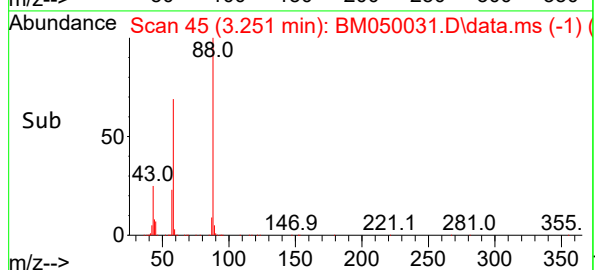
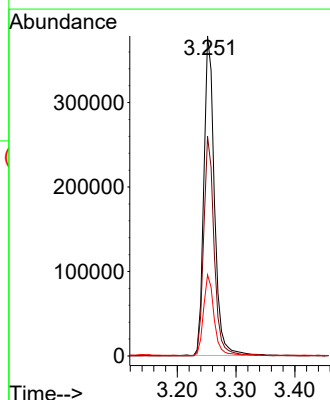
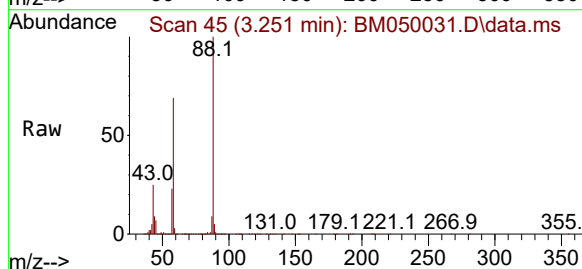
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

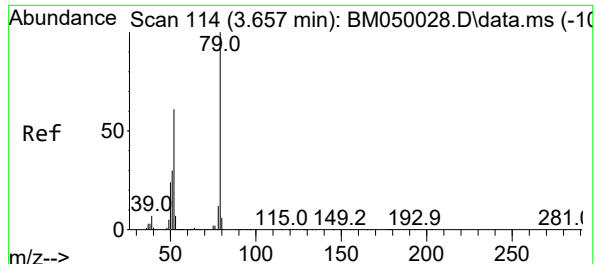
Tgt Ion:152 Resp: 251380
Ion Ratio Lower Upper
152 100
150 151.7 124.1 186.1
115 50.6 41.2 61.8



#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912
Ion Ratio Lower Upper
88 100
58 68.0 55.1 82.7
43 25.3 20.9 31.3

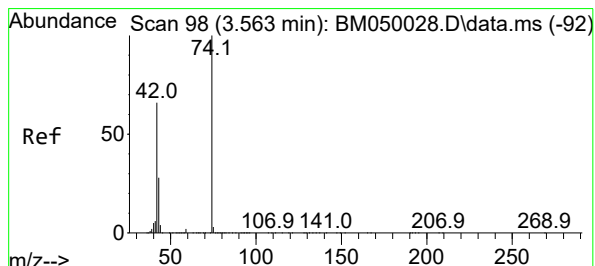
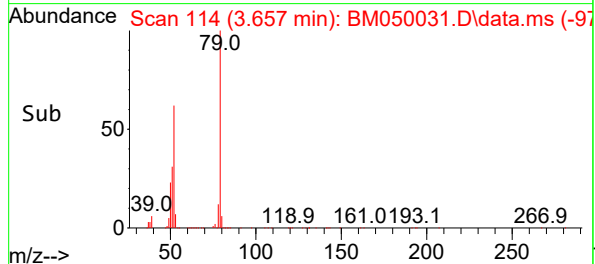
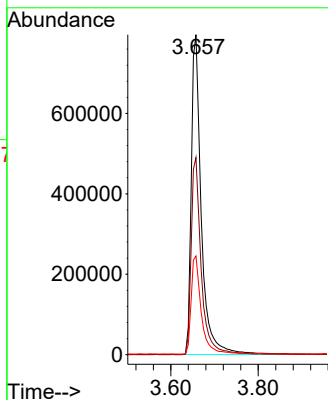
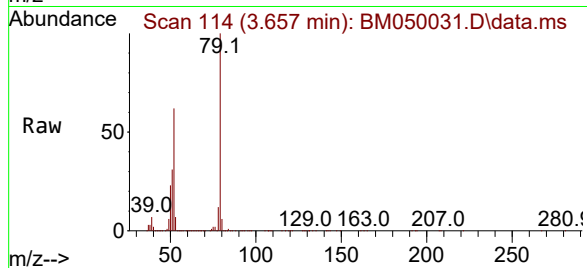




#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

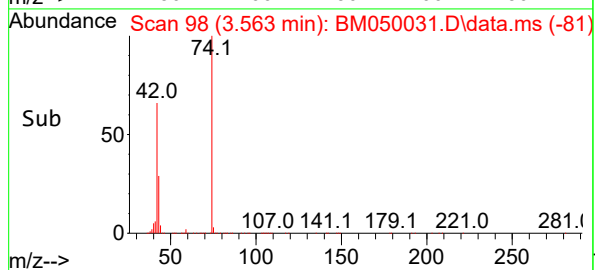
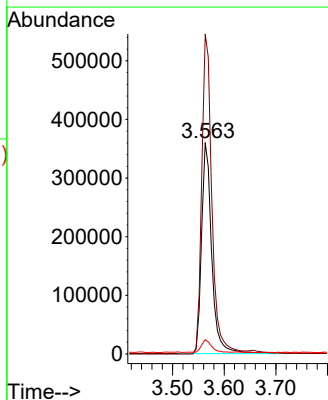
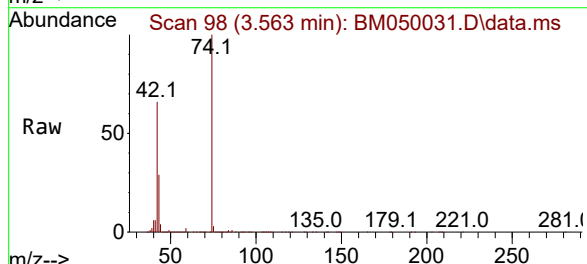
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

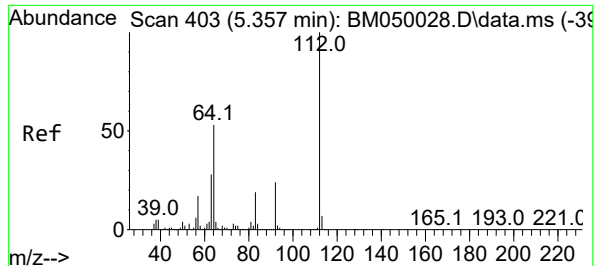
Tgt Ion: 79 Resp: 1267903
Ion Ratio Lower Upper
79 100
52 61.6 48.6 72.8
51 30.8 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501
Ion Ratio Lower Upper
42 100
74 151.4 120.2 180.2
44 6.8 6.2 9.2

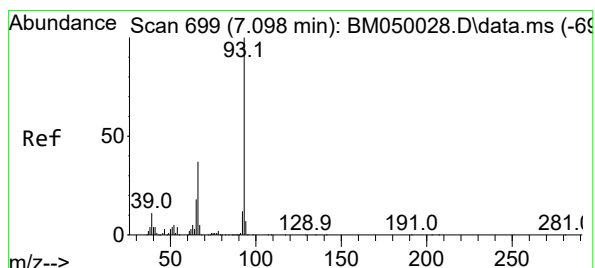
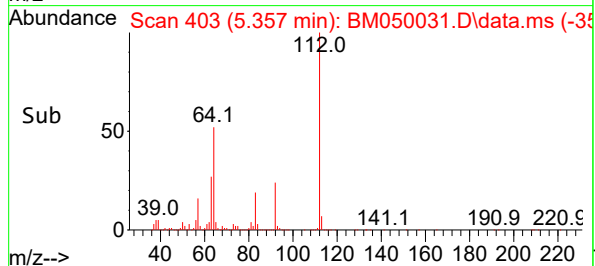
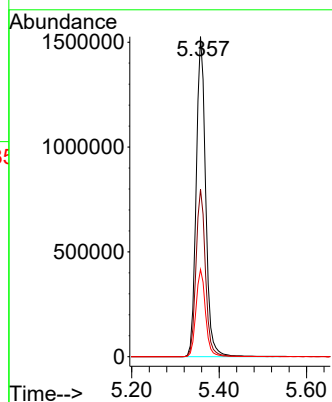
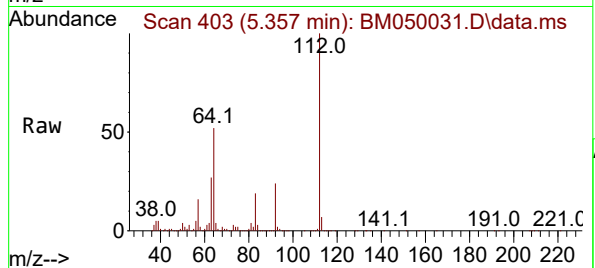




#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

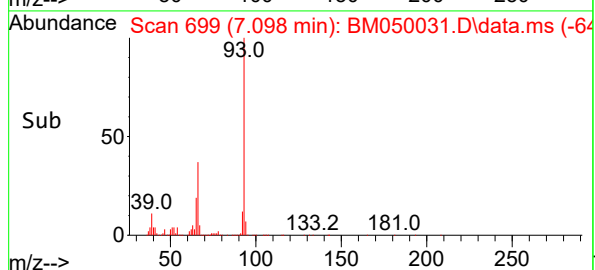
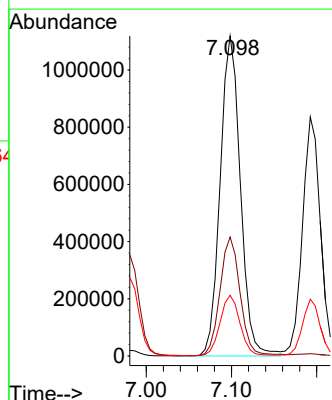
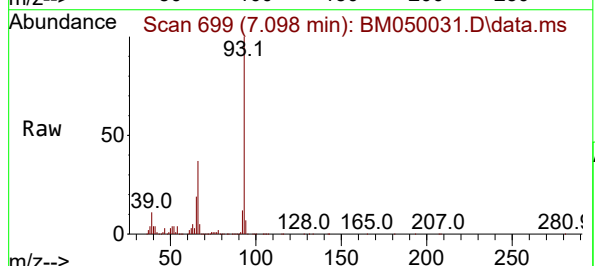
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

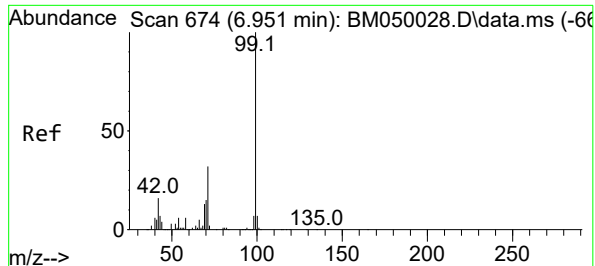
Tgt Ion:112 Resp: 2297313
Ion Ratio Lower Upper
112 100
64 52.3 42.6 64.0
63 27.2 22.2 33.4



#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033
Ion Ratio Lower Upper
93 100
66 37.2 29.9 44.9
65 19.0 14.5 21.7

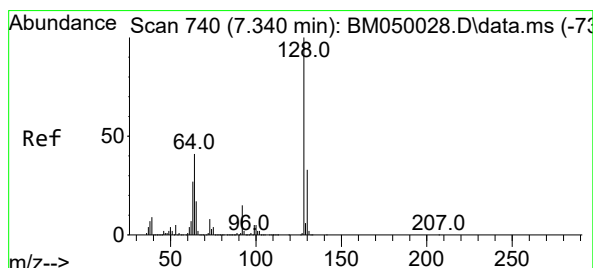
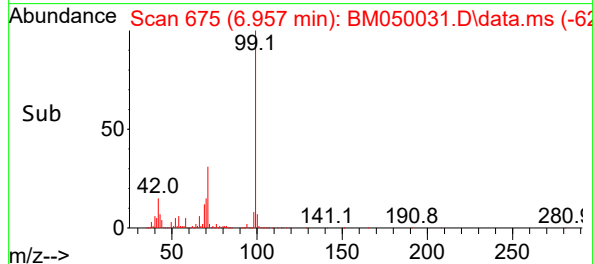
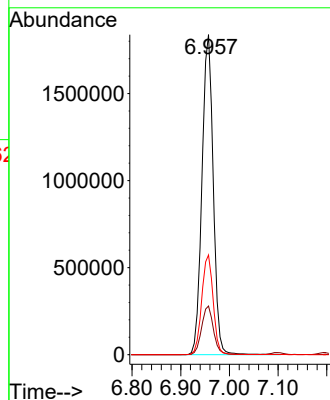
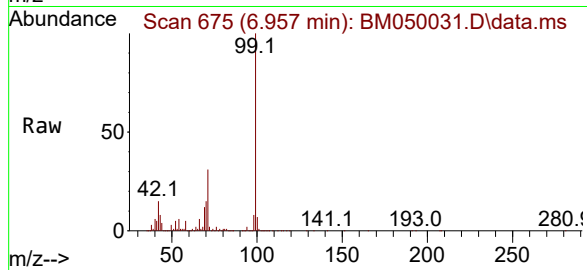




#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

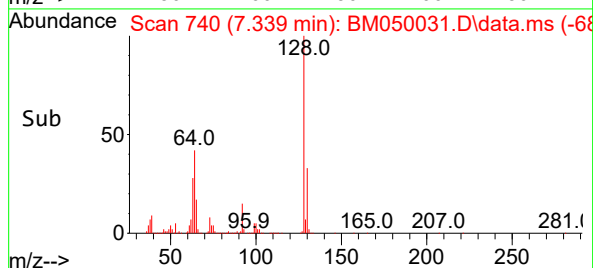
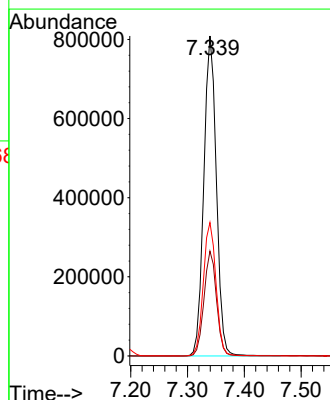
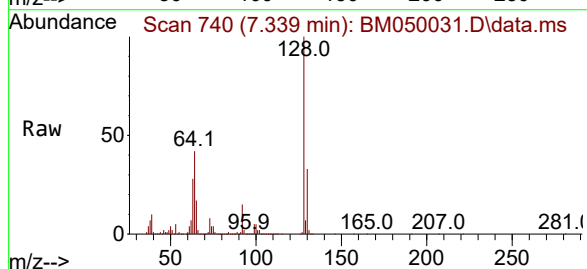
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

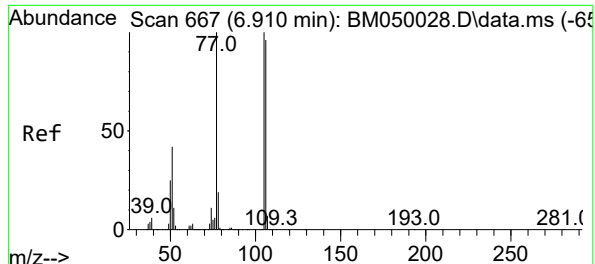
Tgt Ion: 99 Resp: 2954036
Ion Ratio Lower Upper
99 100
42 15.2 13.0 19.4
71 31.1 25.6 38.4



#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 128 Resp: 1241711
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.7 21.2 61.2

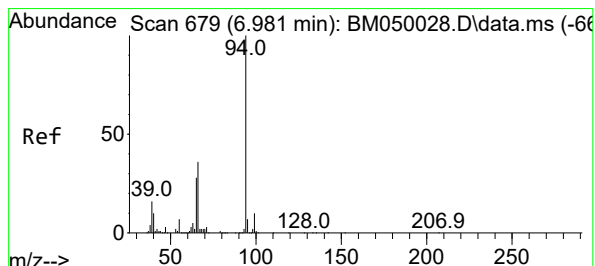
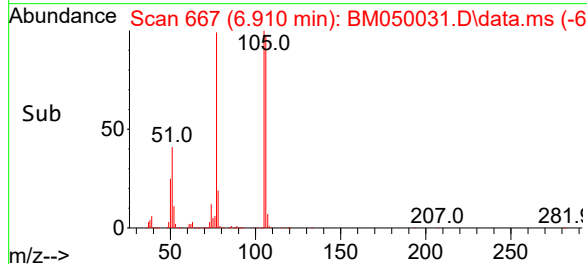
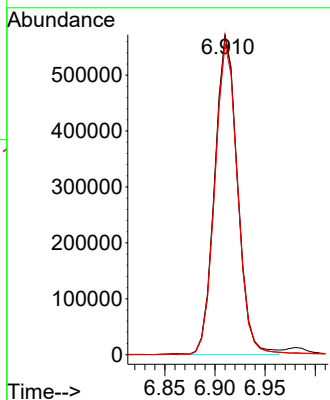
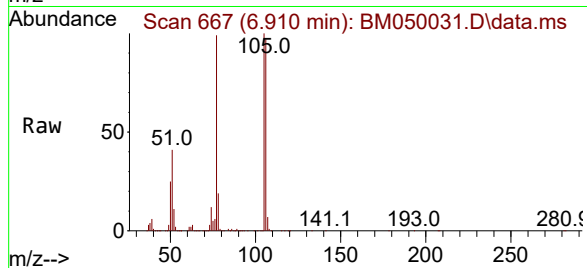




#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

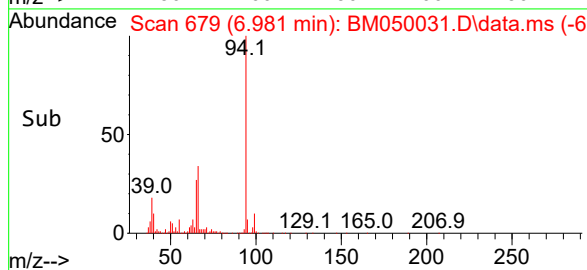
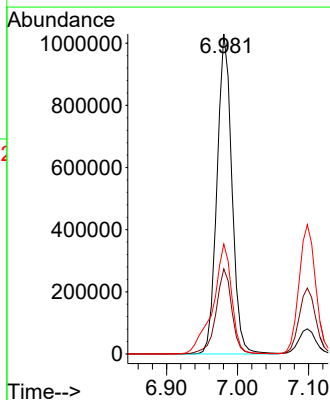
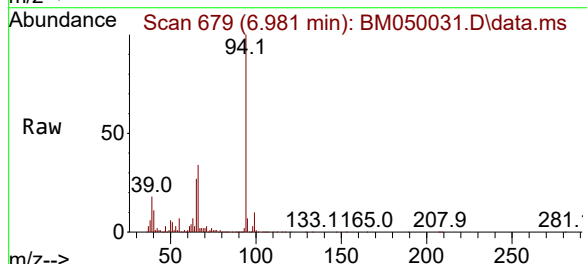
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

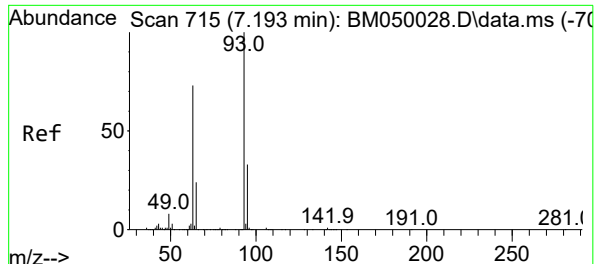
Tgt Ion: 77 Resp: 898993
Ion Ratio Lower Upper
77 100
105 100.5 80.5 120.5
106 97.5 76.1 116.1



#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 34.4 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 80.283 ng

RT: 7.192 min Scan# 715

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

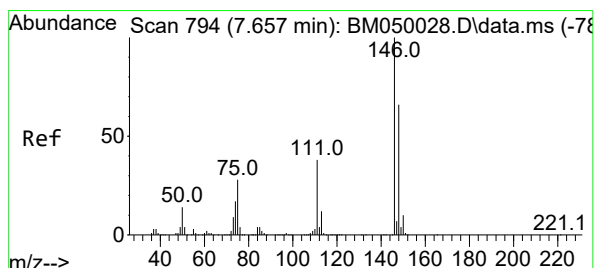
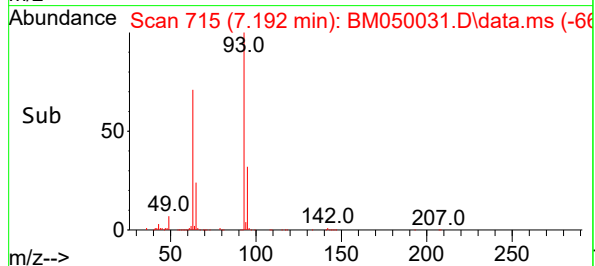
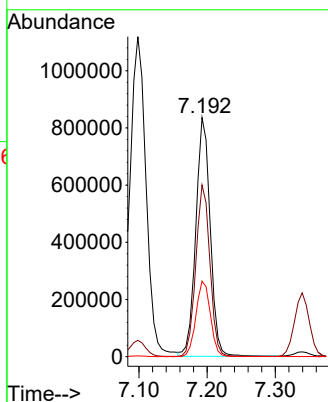
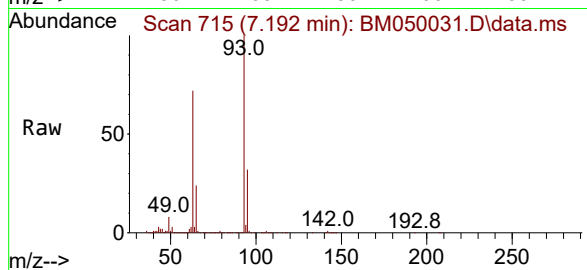
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1224517

Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.3	92.3
95	31.6	12.8	52.8



#12

1,3-Dichlorobenzene

Concen: 77.912 ng

RT: 7.657 min Scan# 794

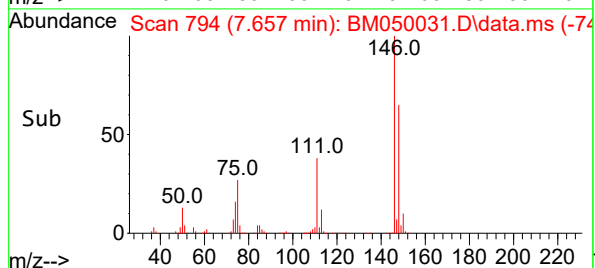
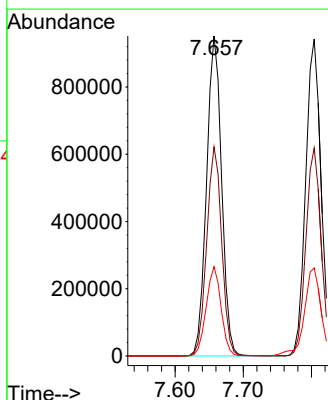
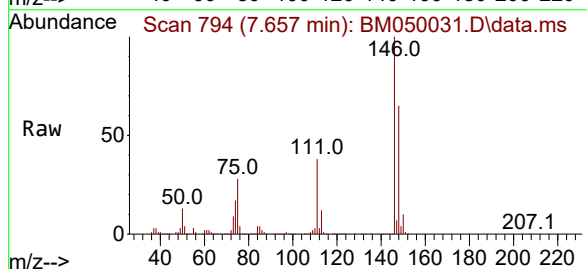
Delta R.T. -0.000 min

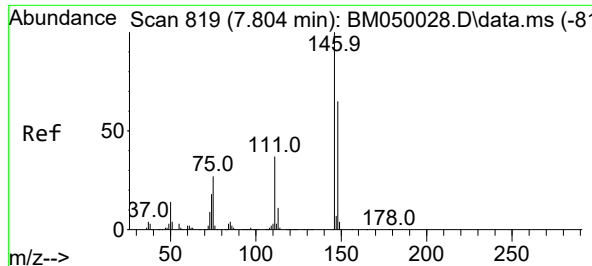
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	27.9	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 77.822 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

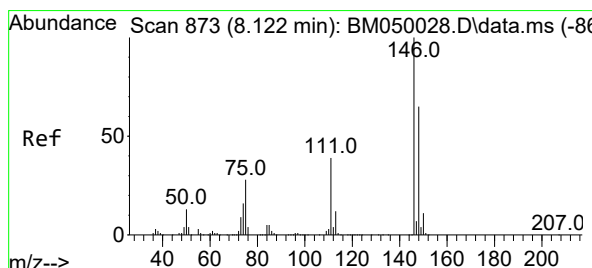
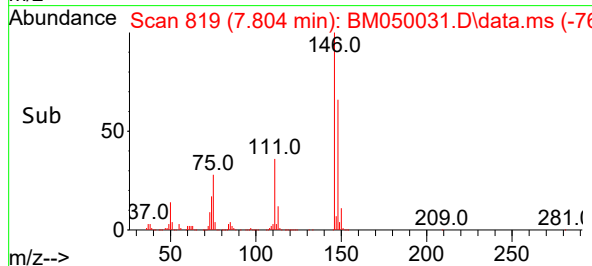
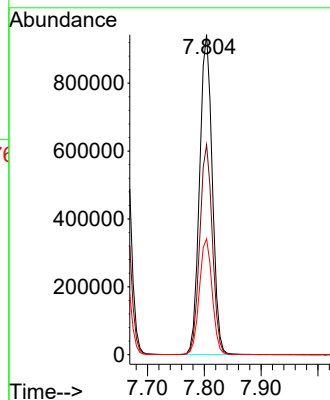
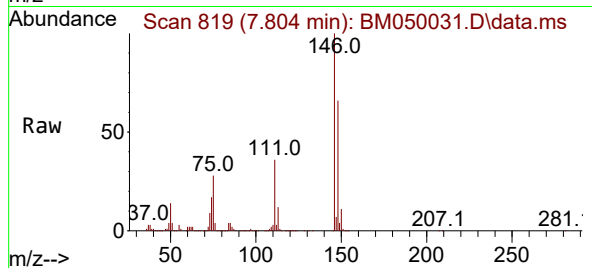
Tgt Ion:146 Resp: 1465881

Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.2

111 36.2 29.3 43.9



#14

1,2-Dichlorobenzene

Concen: 77.618 ng

RT: 8.122 min Scan# 873

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

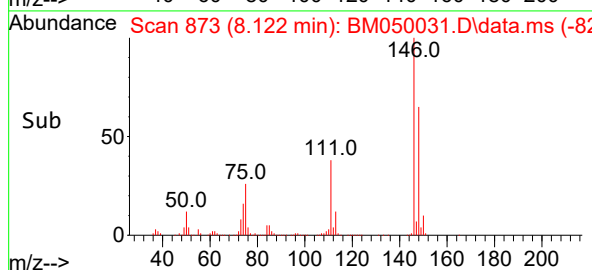
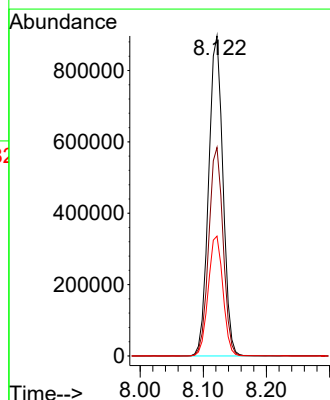
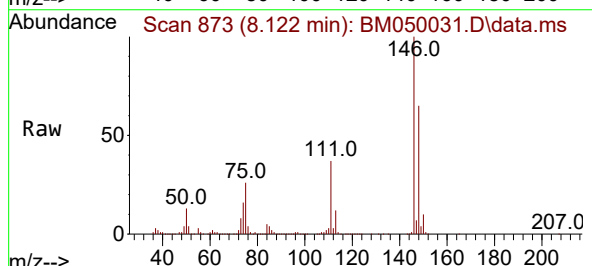
Tgt Ion:146 Resp: 1412270

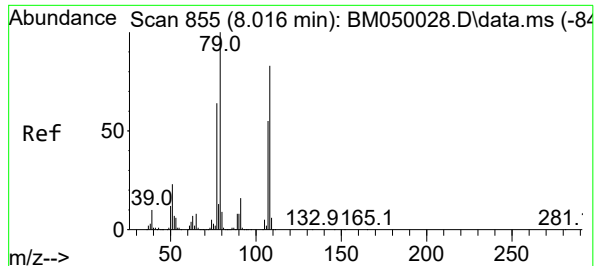
Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

111 37.5 31.0 46.6





#15

Benzyl Alcohol

Concen: 84.339 ng

RT: 8.016 min Scan# 855

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

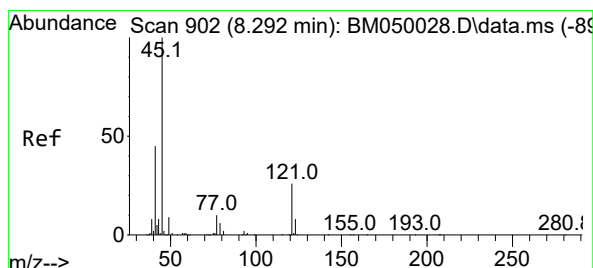
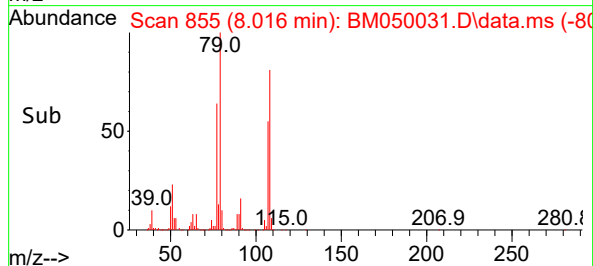
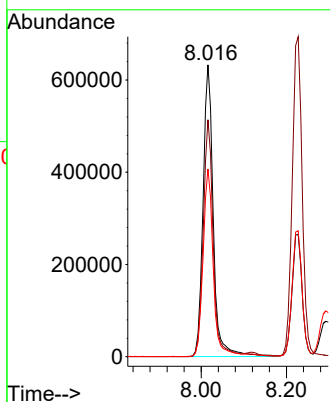
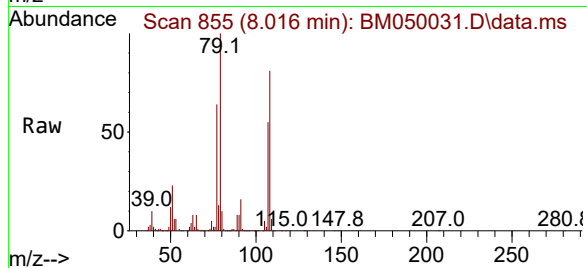
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.694 ng

RT: 8.292 min Scan# 902

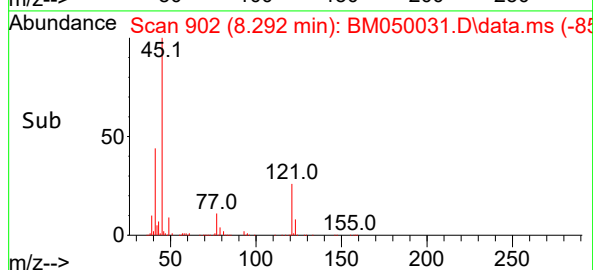
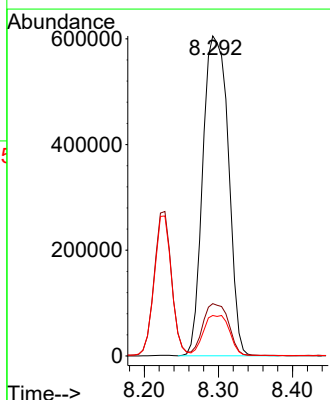
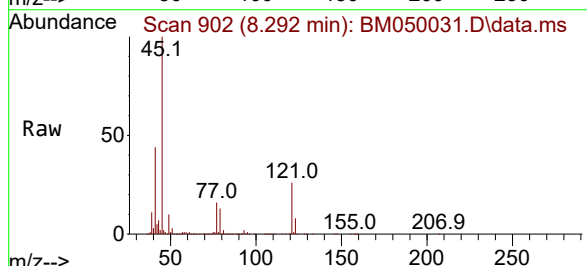
Delta R.T. -0.000 min

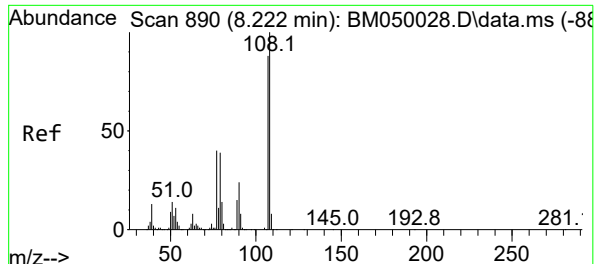
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7





#17

2-Methylphenol

Concen: 81.473 ng

RT: 8.228 min Scan# 890

Delta R.T. 0.006 min

Lab File: BM050031.D

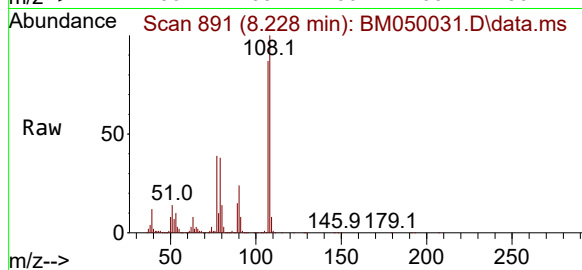
Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 980375

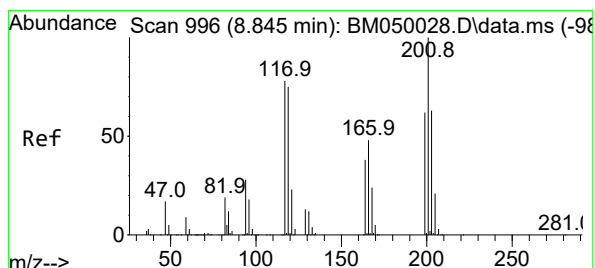
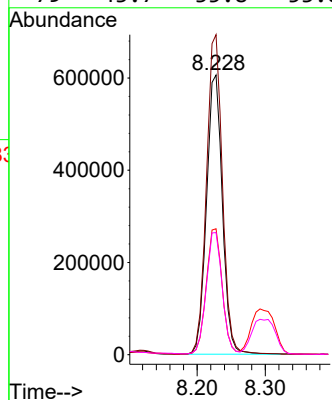
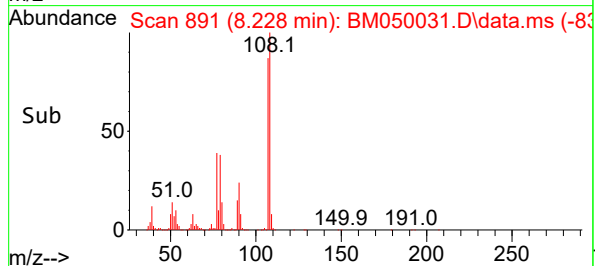
Ion Ratio Lower Upper

107 100

108 114.4 91.1 136.7

77 45.1 36.2 54.4

79 43.7 35.8 53.8



#18

Hexachloroethane

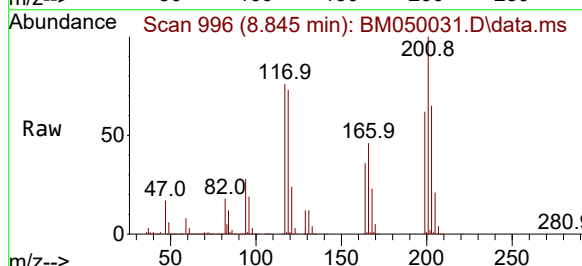
Concen: 76.632 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04



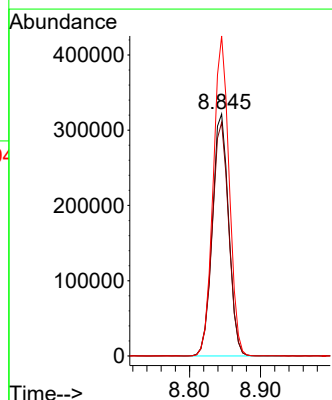
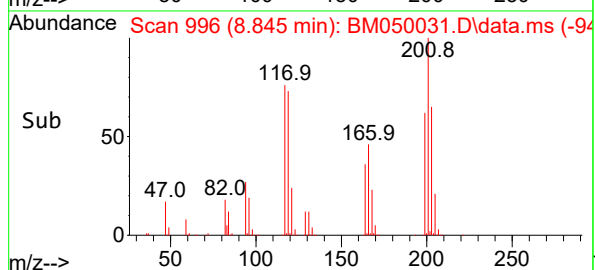
Tgt Ion:117 Resp: 513126

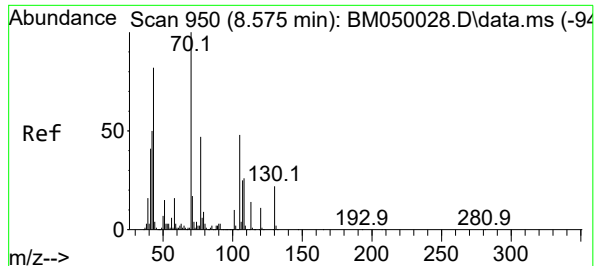
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

201 132.3 102.8 154.2

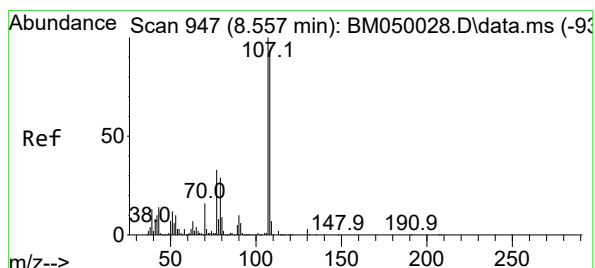
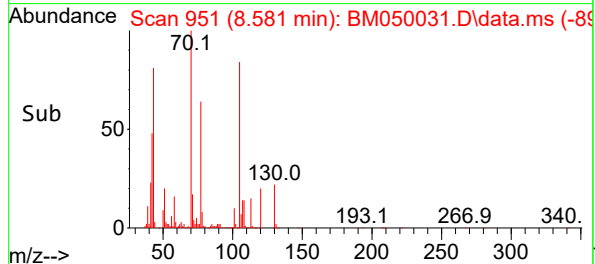
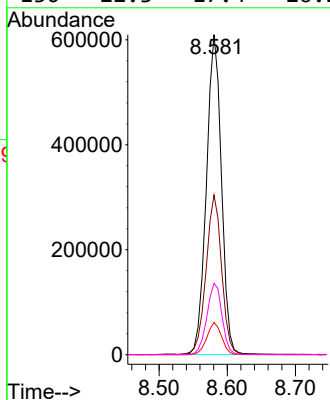
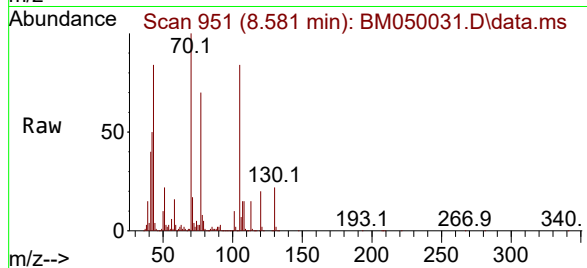




#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

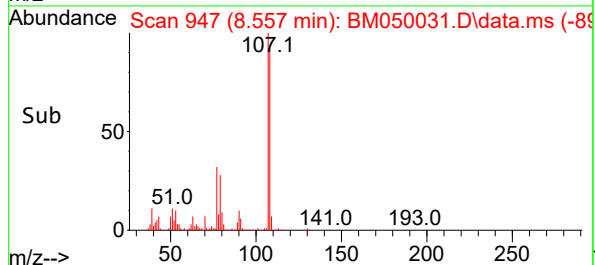
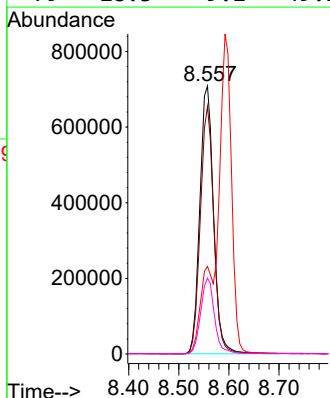
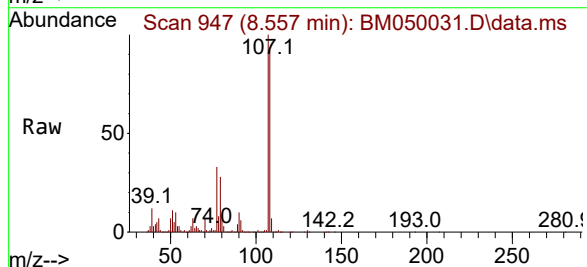
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

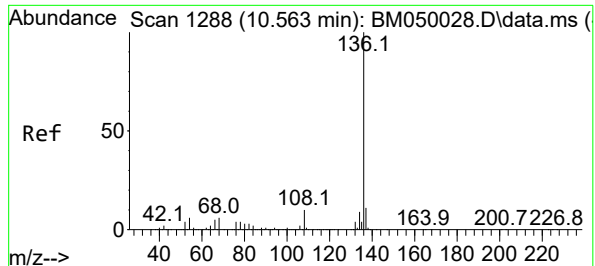
Tgt Ion: 70 Resp: 933468
Ion Ratio Lower Upper
70 100
42 49.9 40.5 60.7
101 10.1 7.8 11.6
130 22.3 17.4 26.2



#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 107 Resp: 1348190
Ion Ratio Lower Upper
107 100
108 92.3 72.4 112.4
77 32.6 13.6 53.6
79 28.3 9.2 49.2

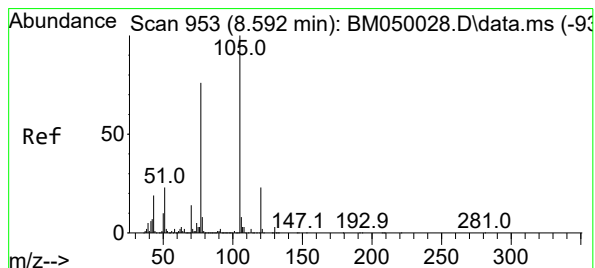
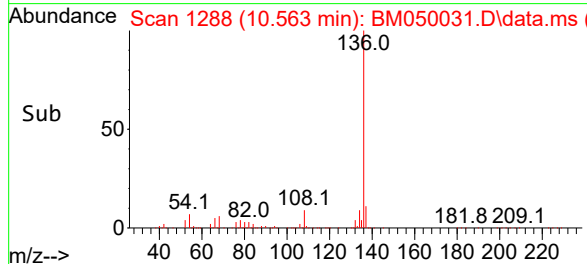
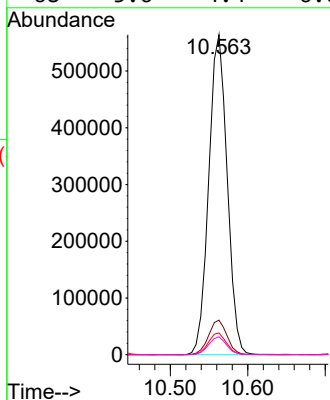
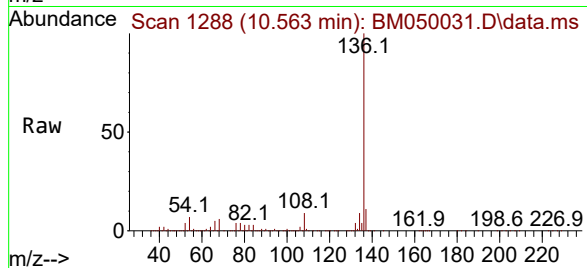




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

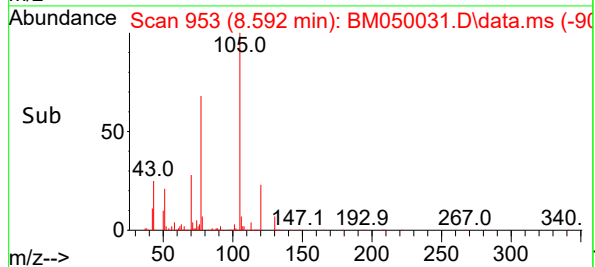
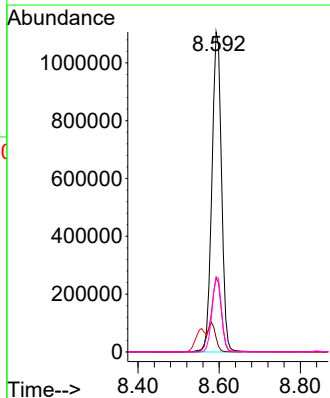
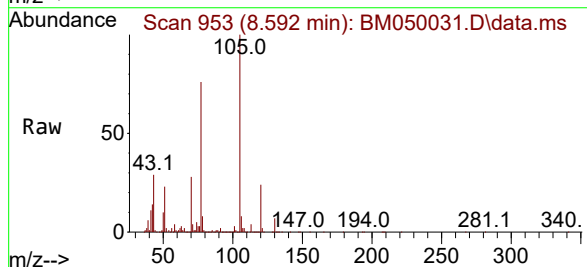
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

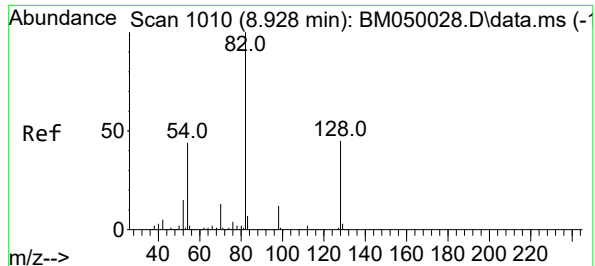
Tgt Ion:136 Resp: 931435
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 6.8 5.1 7.7
68 5.6 4.4 6.6



#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:105 Resp: 1815657
Ion Ratio Lower Upper
105 100
71 4.4 1.7 2.5#
51 23.0 18.6 27.8
120 23.5 18.3 27.5





#23

Nitrobenzene-d5

Concen: 157.875 ng

RT: 8.933 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

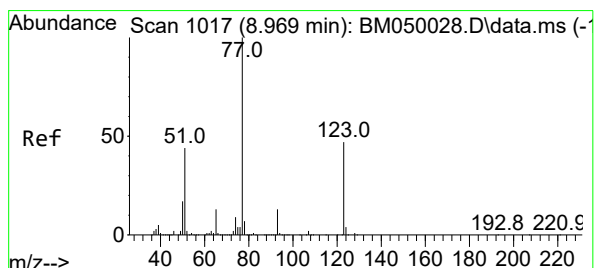
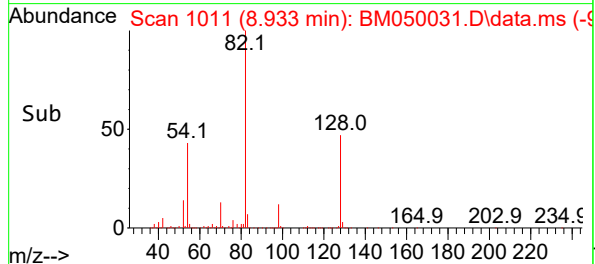
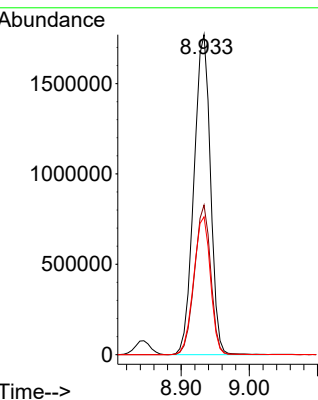
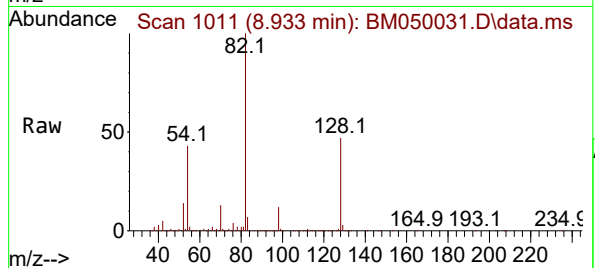
Tgt Ion: 82 Resp: 2984192

Ion Ratio Lower Upper

82 100

128 46.8 35.7 53.5

54 43.1 35.4 53.2



#24

Nitrobenzene

Concen: 78.871 ng

RT: 8.975 min Scan# 1018

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

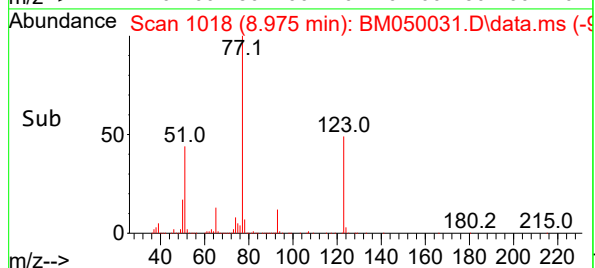
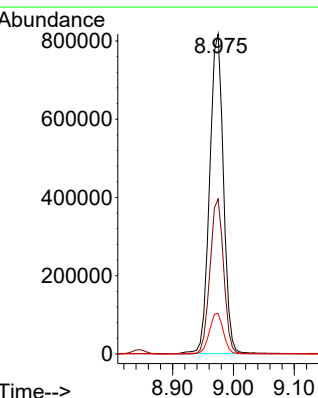
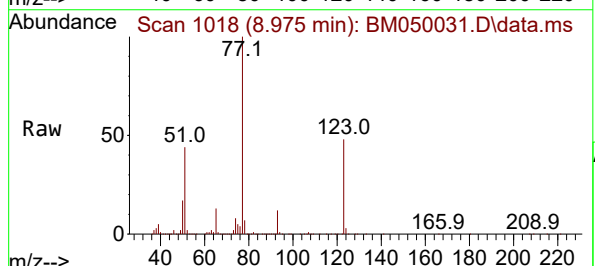
Tgt Ion: 77 Resp: 1289068

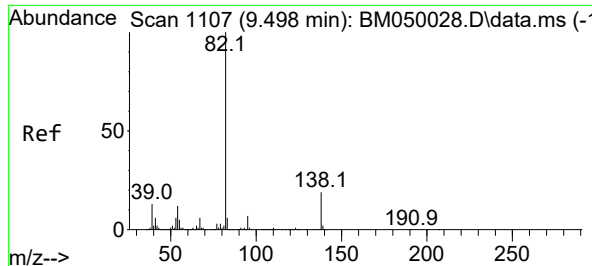
Ion Ratio Lower Upper

77 100

123 48.5 37.9 56.9

65 12.7 10.1 15.1

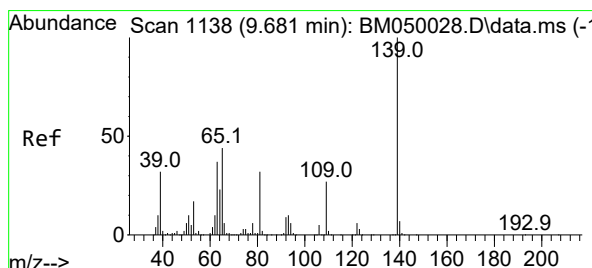
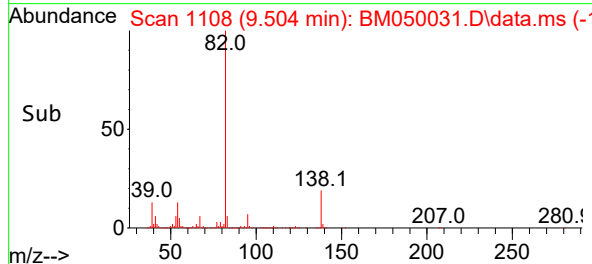
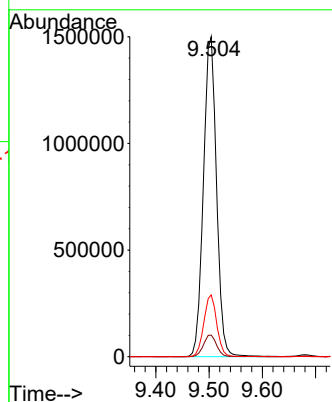
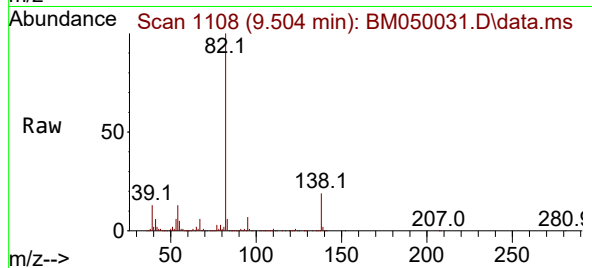




#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

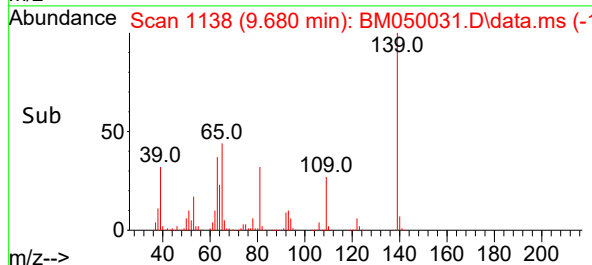
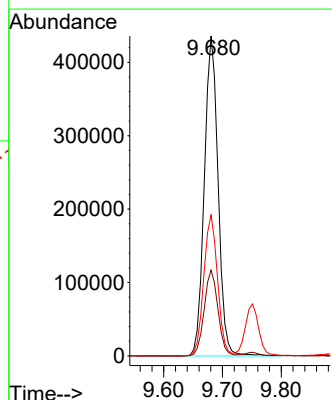
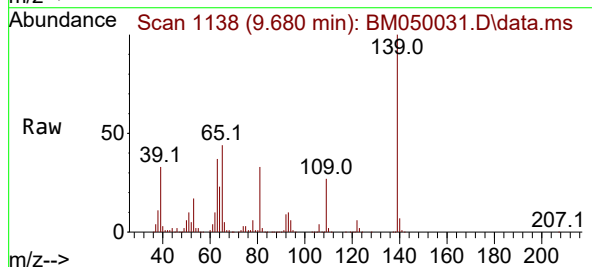
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

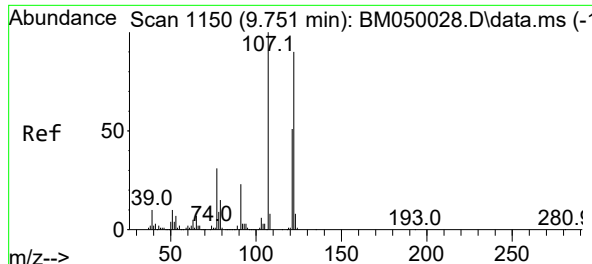
Tgt Ion: 82 Resp: 2559279
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 19.3 15.5 23.3



#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 139 Resp: 710174
Ion Ratio Lower Upper
139 100
109 26.8 21.9 32.9
65 44.0 35.4 53.2





#27

2,4-Dimethylphenol

Concen: 82.043 ng

RT: 9.751 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

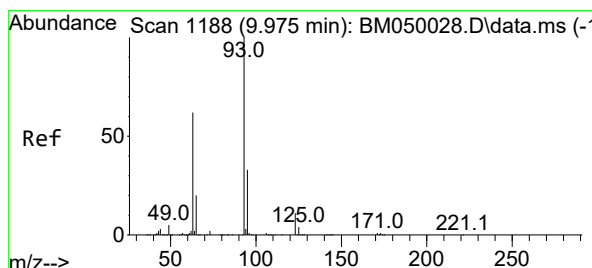
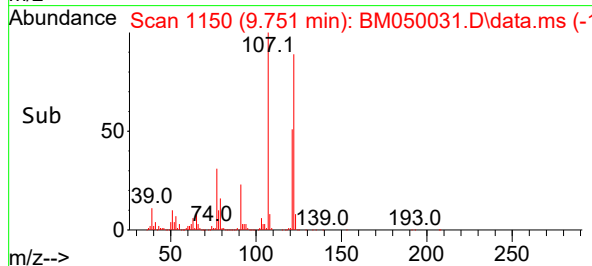
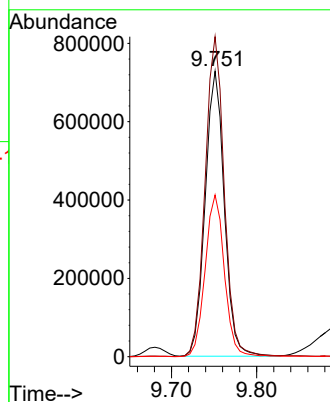
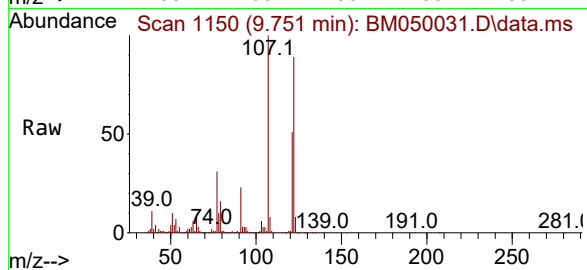
Tgt Ion:122 Resp: 1136040

Ion Ratio Lower Upper

122 100

107 112.1 89.0 133.6

121 56.7 45.6 68.4



#28

bis(2-Chloroethoxy)methane

Concen: 79.437 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

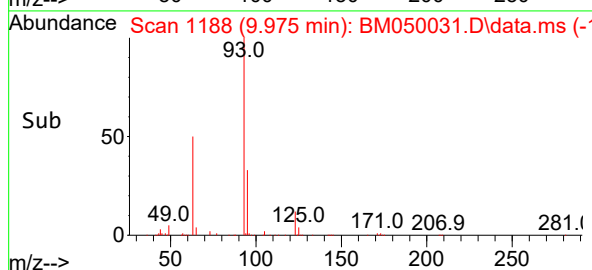
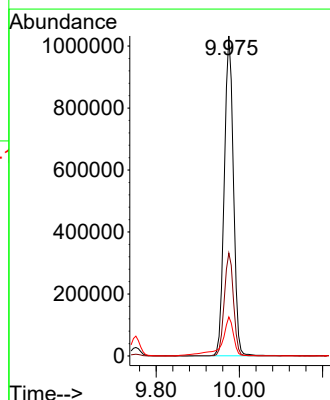
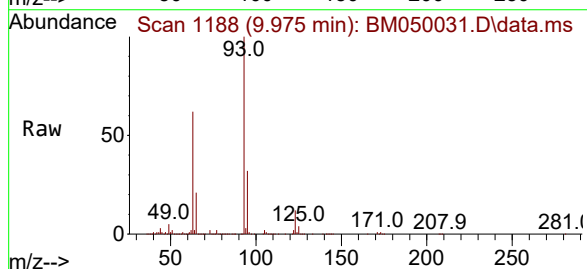
Tgt Ion: 93 Resp: 1581985

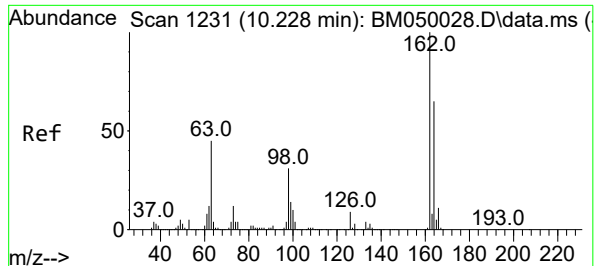
Ion Ratio Lower Upper

93 100

95 32.2 26.1 39.1

123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 82.243 ng

RT: 10.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

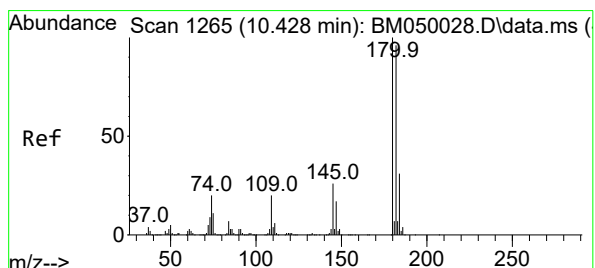
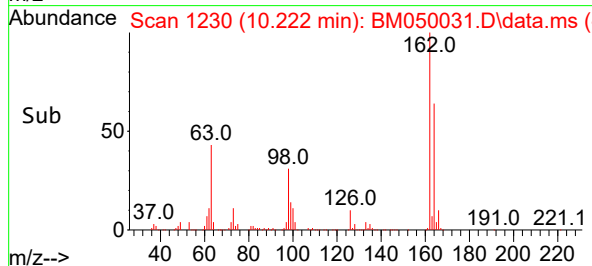
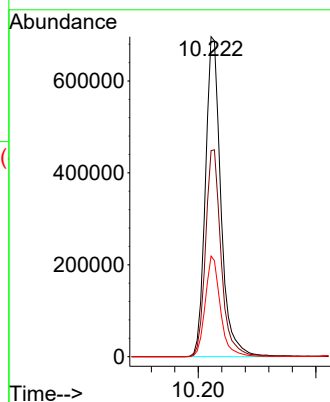
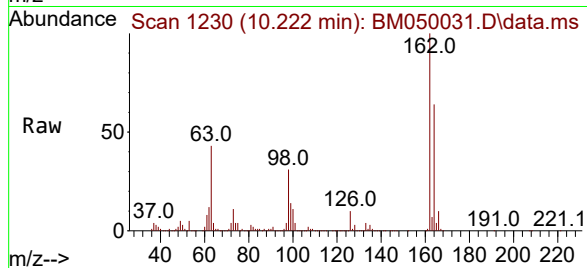
Tgt Ion:162 Resp: 1275806

Ion Ratio Lower Upper

162 100

164 64.4 45.4 85.4

98 31.4 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 78.590 ng

RT: 10.427 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

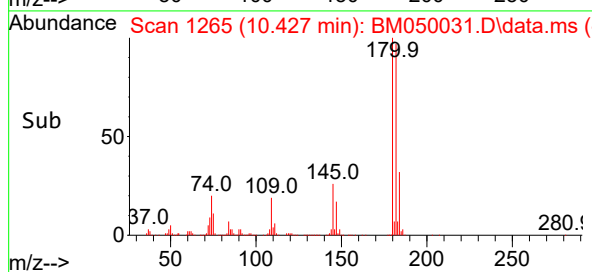
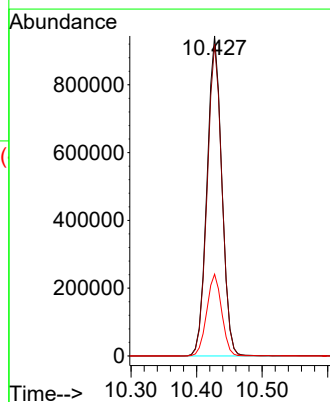
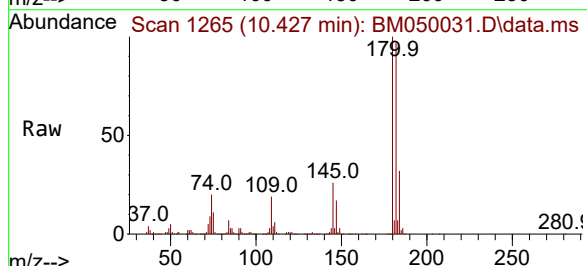
Tgt Ion:180 Resp: 1485344

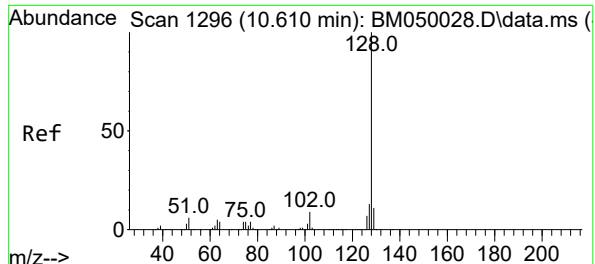
Ion Ratio Lower Upper

180 100

182 97.5 77.0 115.4

145 25.6 20.6 30.8





#31

Naphthalene

Concen: 78.143 ng

RT: 10.610 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

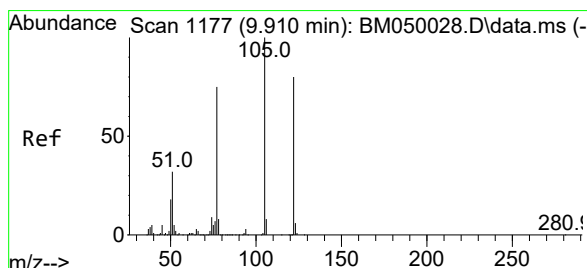
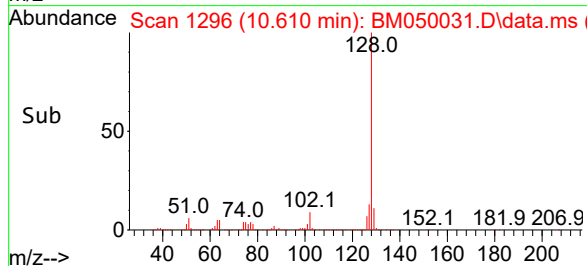
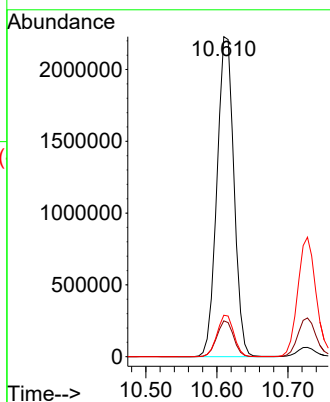
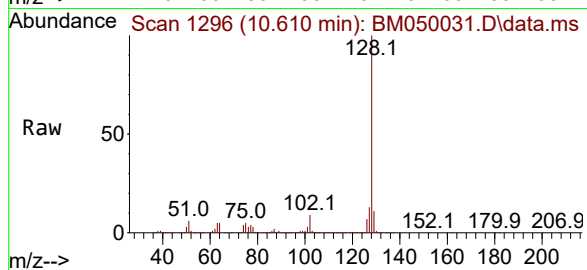
Tgt Ion:128 Resp: 3686066

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 90.660 ng

RT: 9.951 min Scan# 1184

Delta R.T. 0.041 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

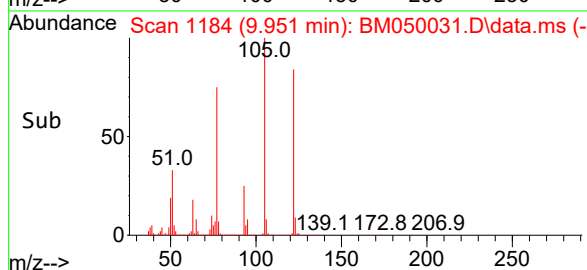
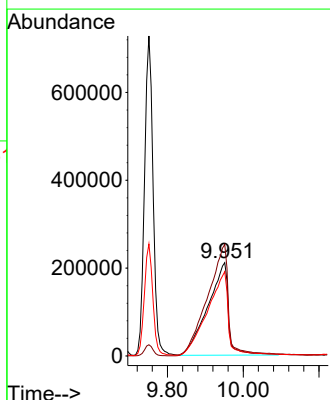
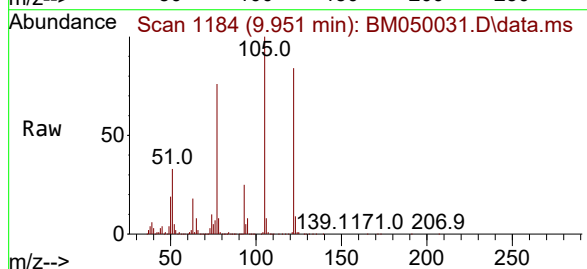
Tgt Ion:122 Resp: 800660

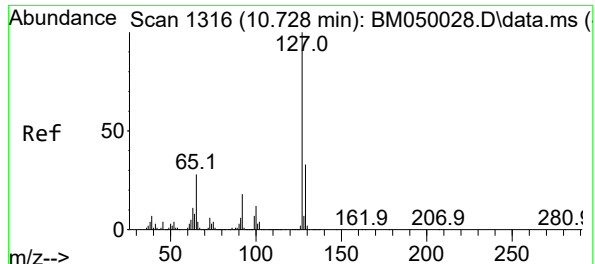
Ion Ratio Lower Upper

122 100

105 119.6 103.6 143.6

77 90.5 73.7 113.7





#33

4-Chloroaniline

Concen: 81.508 ng

RT: 10.727 min Scan# 1316

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 1575909

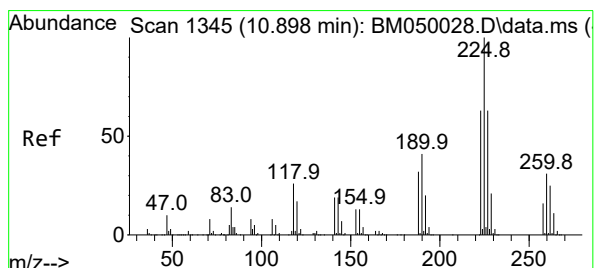
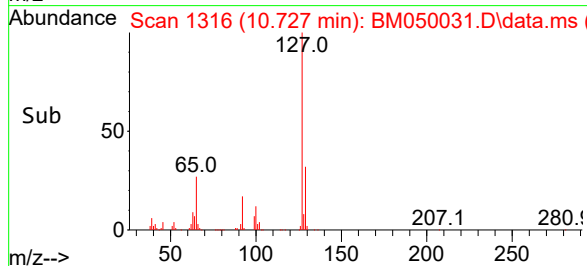
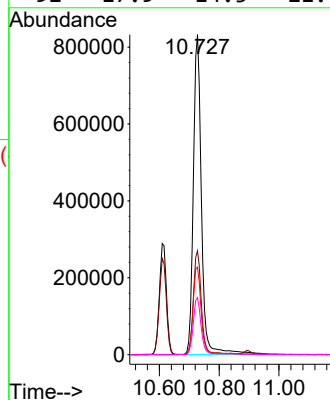
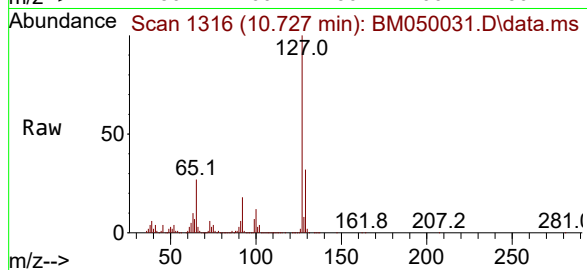
Ion	Ratio	Lower	Upper

127	100		

129	32.4	26.3	39.5

65	27.3	22.5	33.7

92	17.9	14.5	21.7



#34

Hexachlorobutadiene

Concen: 80.012 ng

RT: 10.898 min Scan# 1345

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

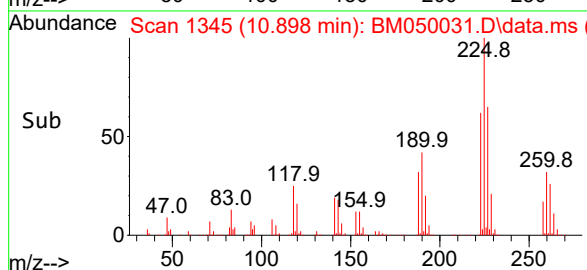
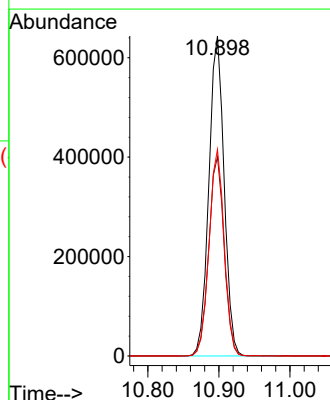
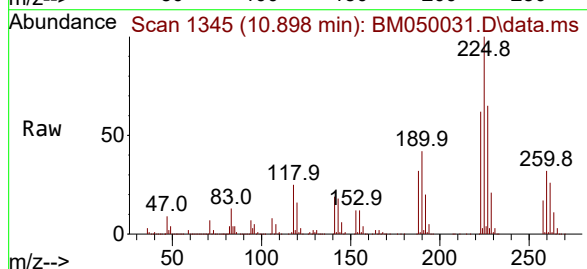
Tgt Ion:225 Resp: 959905

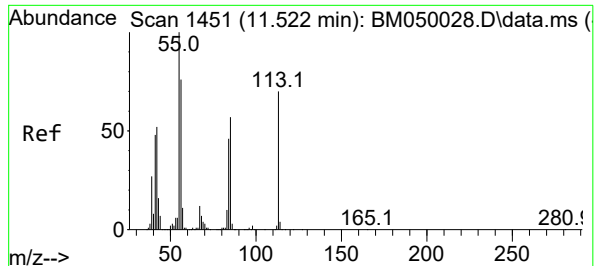
Ion	Ratio	Lower	Upper

225	100		

223	62.3	50.2	75.2

227	64.6	50.6	76.0

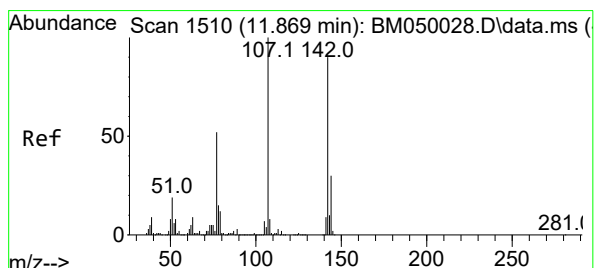
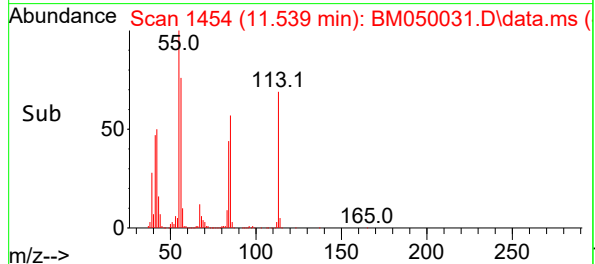
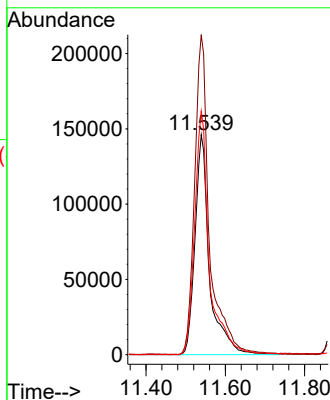
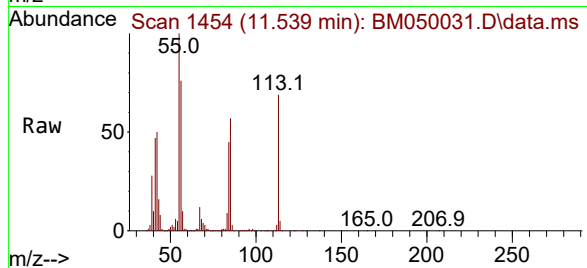




#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 1454
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

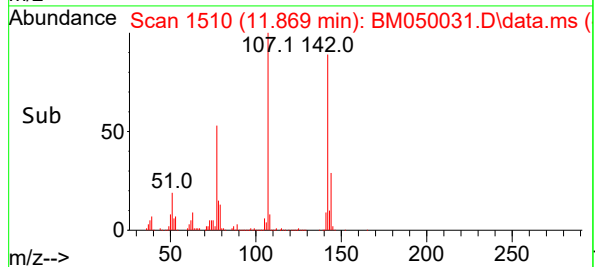
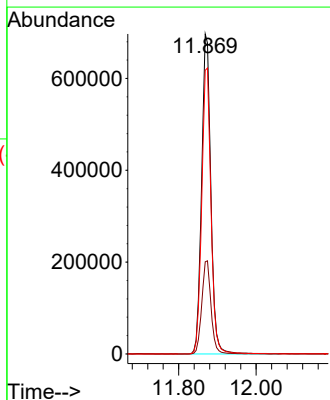
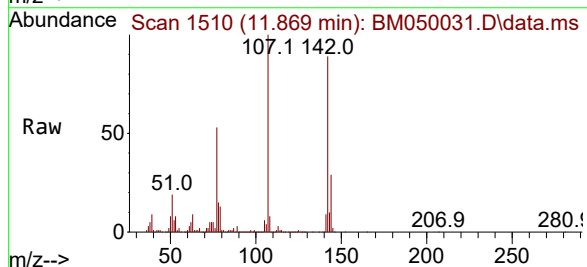
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

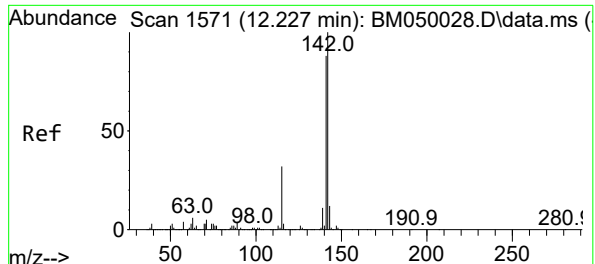
Tgt Ion:113 Resp: 371164
Ion Ratio Lower Upper
113 100
55 145.4 122.9 162.9
56 110.6 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624
Ion Ratio Lower Upper
107 100
144 28.8 23.8 35.6
142 88.7 71.9 107.9

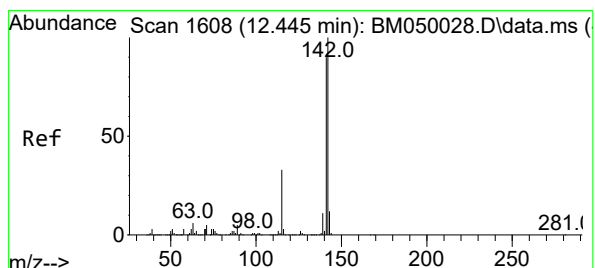
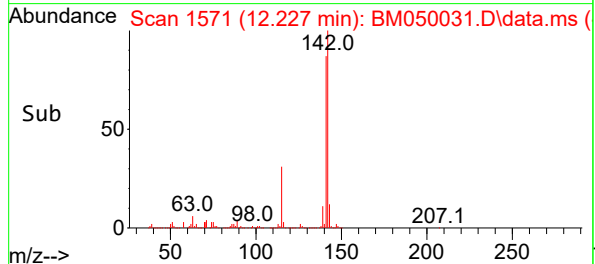
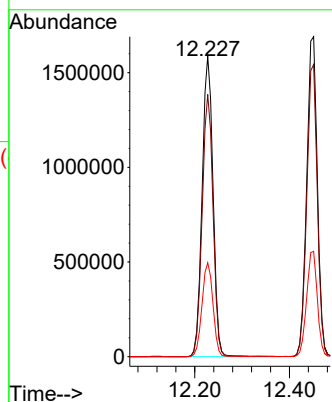
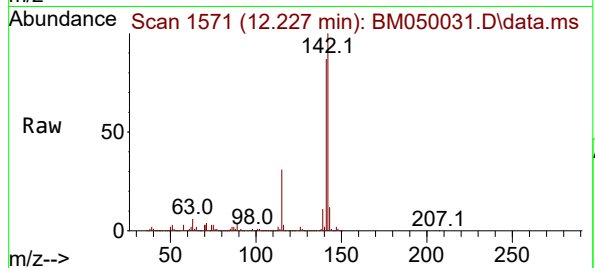




#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

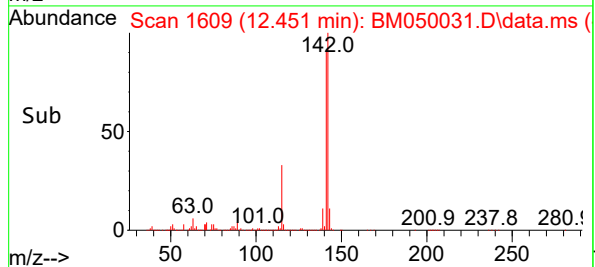
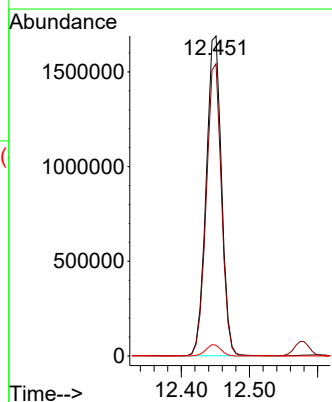
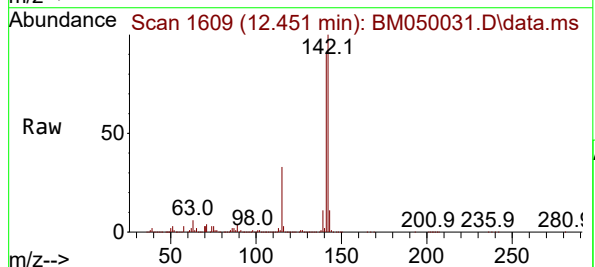
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

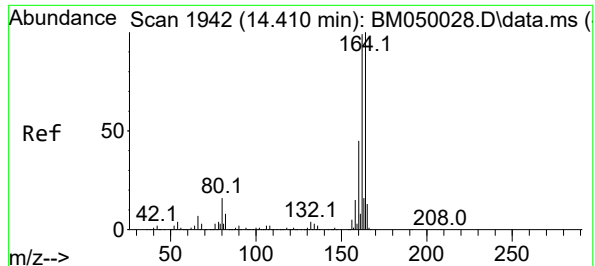
Tgt Ion:142 Resp: 2525532
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6
115 31.2 25.4 38.2



#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1
116 3.4 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

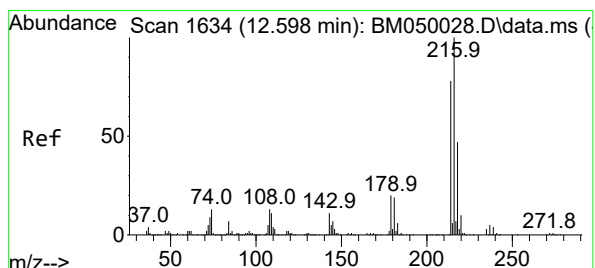
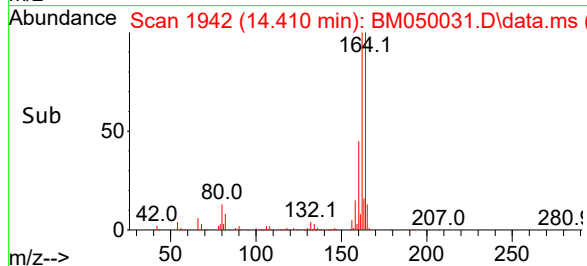
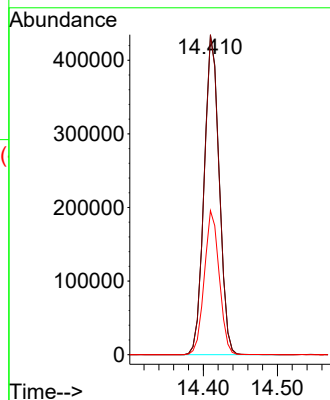
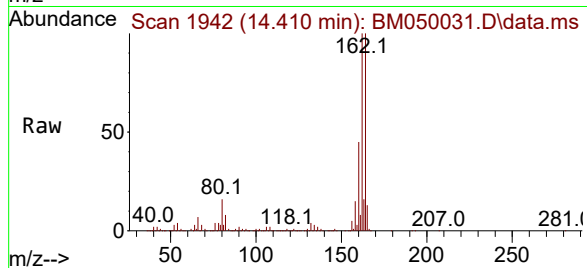
Tgt Ion:164 Resp: 613490

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.0

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 84.742 ng

RT: 12.604 min Scan# 1635

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

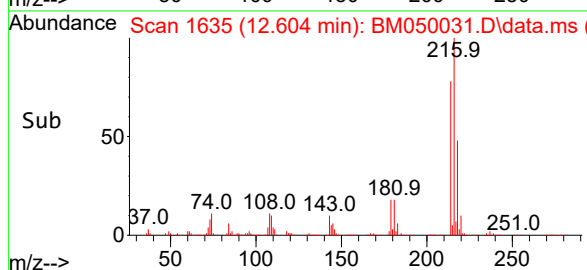
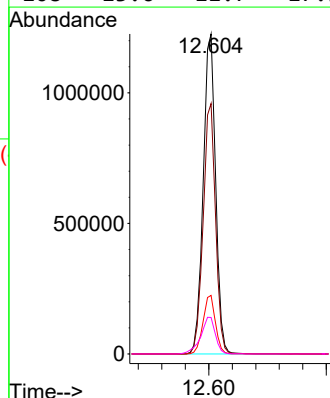
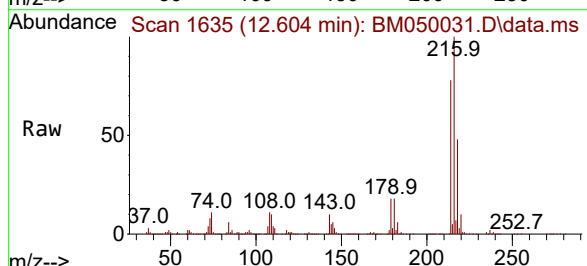
Ion Ratio Lower Upper

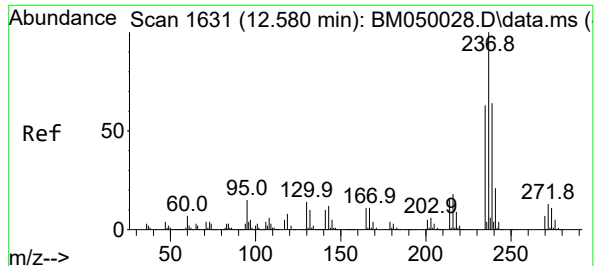
216 100

214 78.4 62.3 93.5

179 18.4 15.4 23.0

108 13.6 11.7 17.5

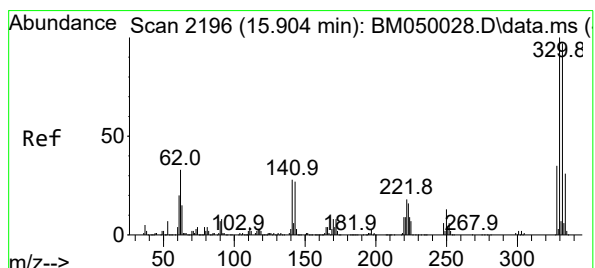
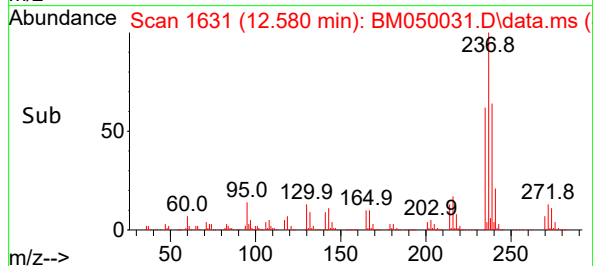
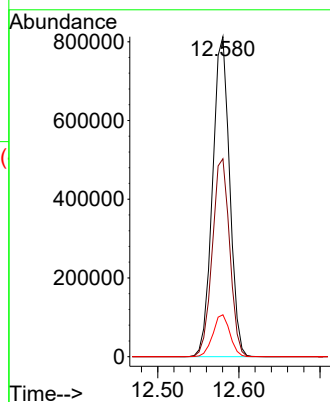
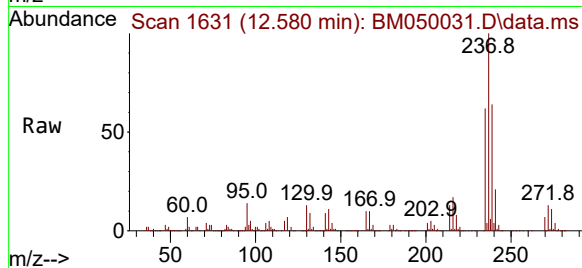




#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

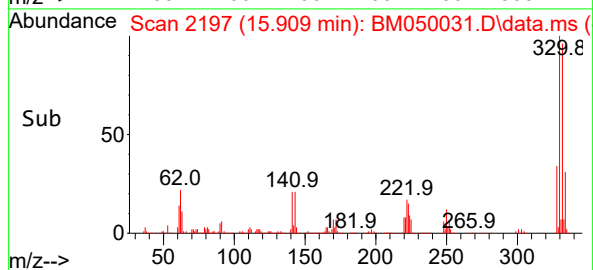
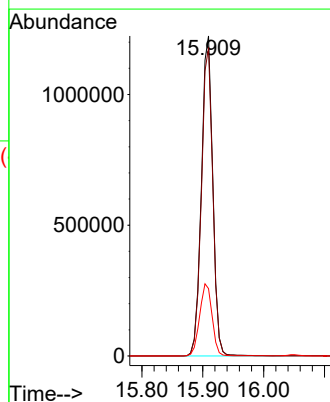
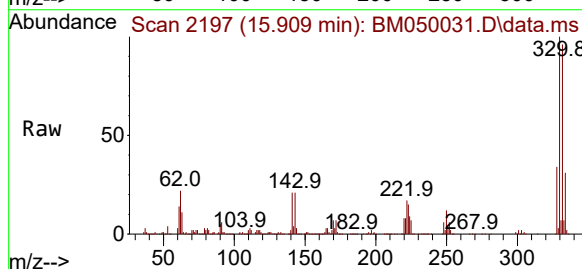
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

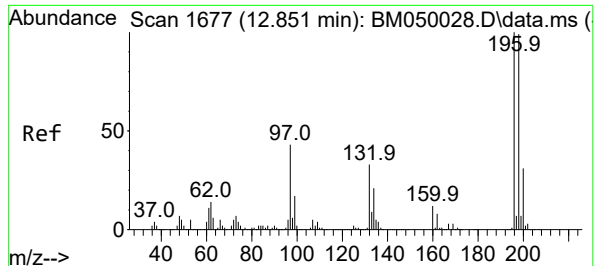
Tgt Ion:237 Resp: 1185418
Ion Ratio Lower Upper
237 100
235 61.8 42.9 82.9
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 24.7 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 85.496 ng

RT: 12.851 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

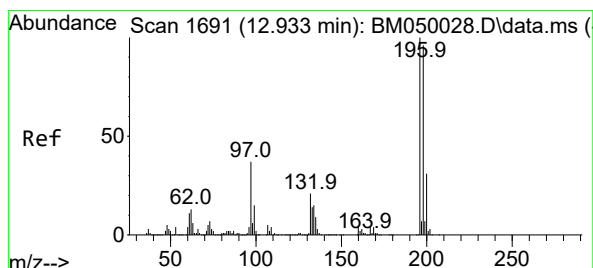
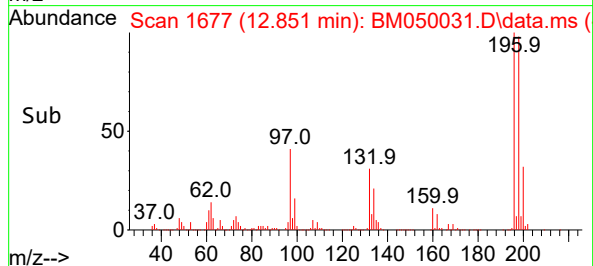
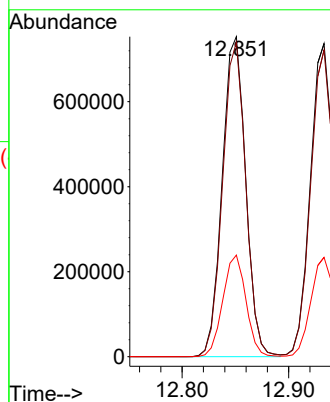
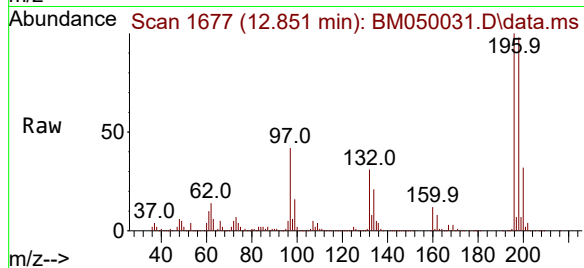
Tgt Ion:196 Resp: 1151641

Ion Ratio Lower Upper

196 100

198 98.2 79.0 118.6

200 31.7 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 84.011 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

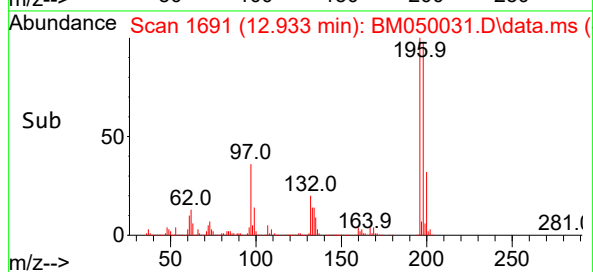
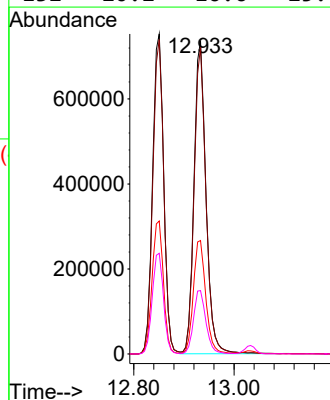
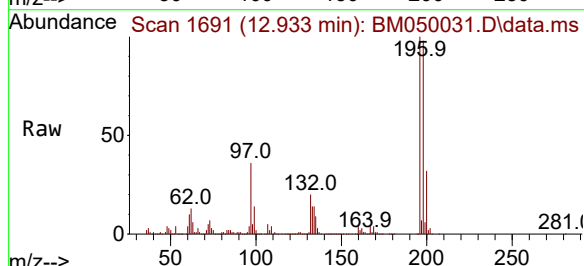
Ion Ratio Lower Upper

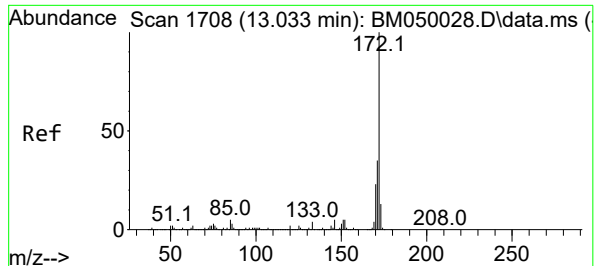
196 100

198 97.9 76.7 115.1

97 36.2 30.1 45.1

132 20.2 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 159.736 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

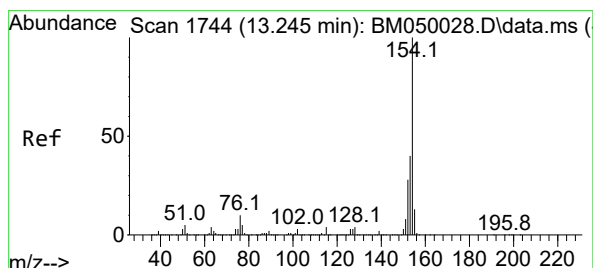
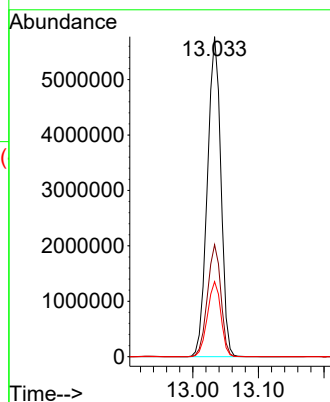
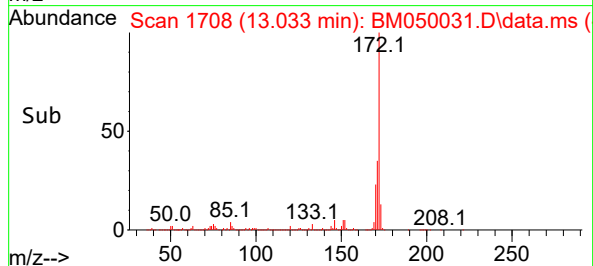
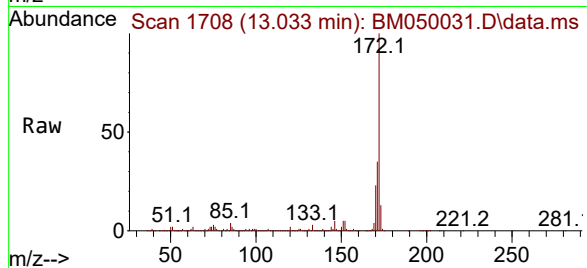
Tgt Ion:172 Resp: 8283812

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 79.246 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

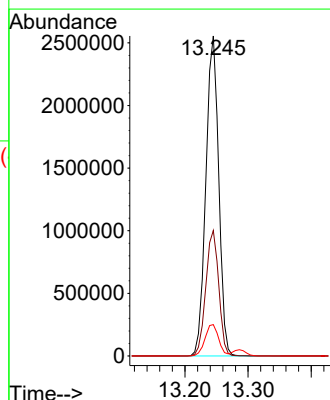
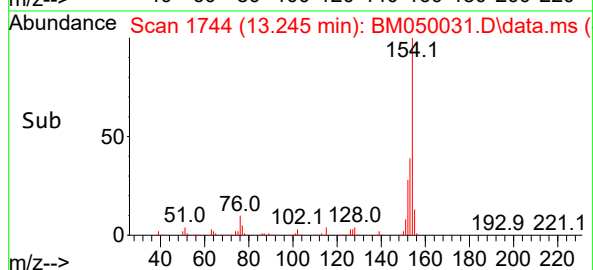
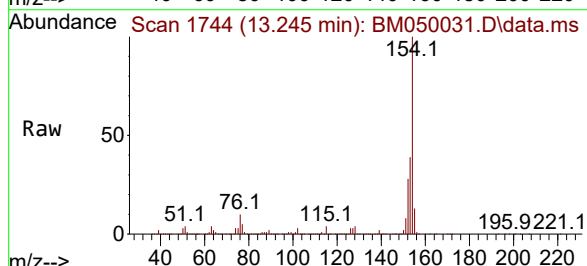
Tgt Ion:154 Resp: 3613893

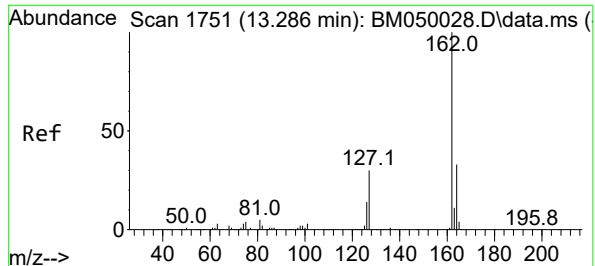
Ion Ratio Lower Upper

154 100

153 39.2 20.0 60.0

76 9.8 0.0 30.3





#47

2-Chloronaphthalene

Concen: 78.700 ng

RT: 13.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

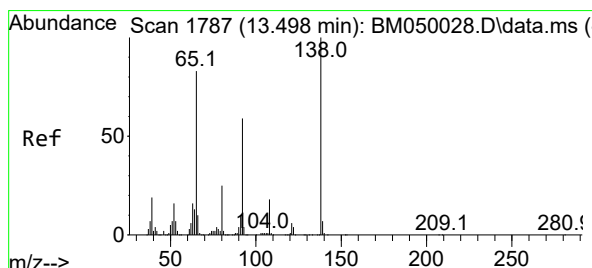
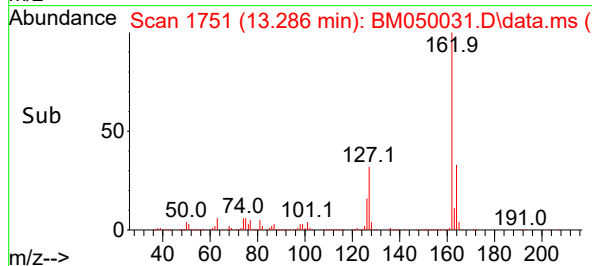
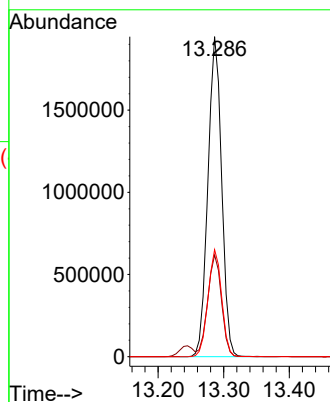
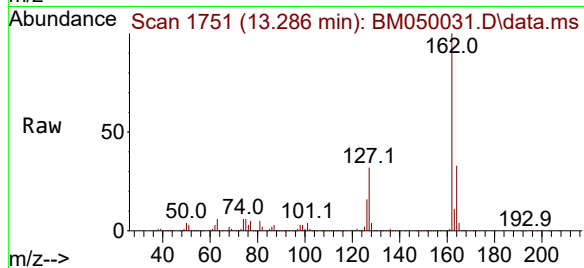
Tgt Ion:162 Resp: 2842514

Ion	Ratio	Lower	Upper

162	100		

127	31.8	25.9	38.9

164	33.4	26.6	40.0



#48

2-Nitroaniline

Concen: 82.725 ng

RT: 13.498 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

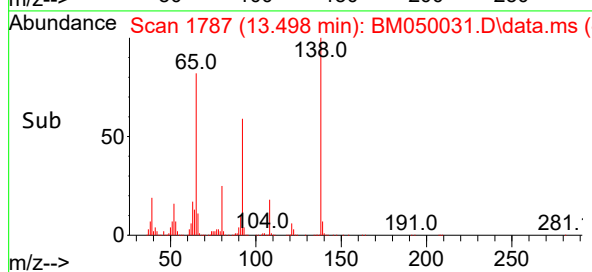
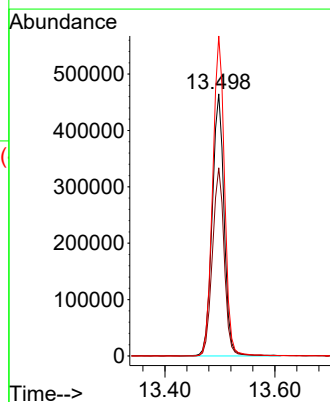
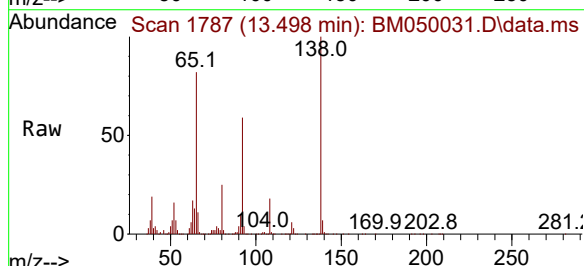
Tgt Ion: 65 Resp: 701256

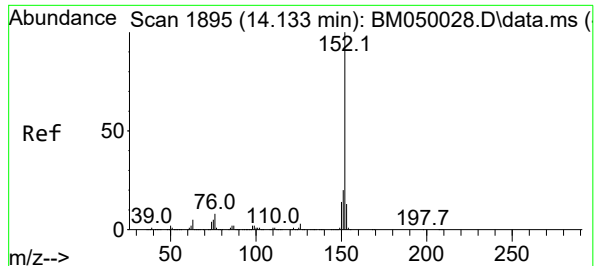
Ion	Ratio	Lower	Upper

65	100		

92	71.8	57.1	85.7

138	122.1	97.0	145.4





#49

Acenaphthylene

Concen: 79.492 ng

RT: 14.133 min Scan# 1895

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

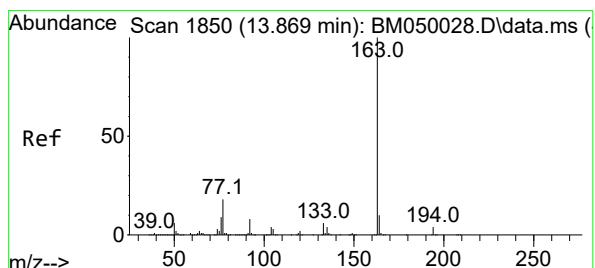
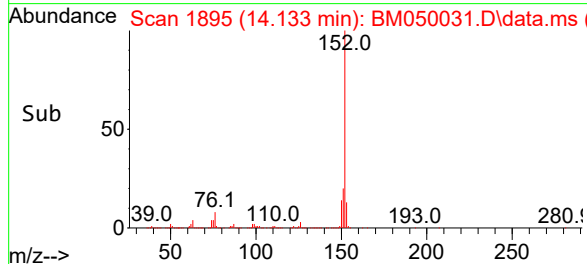
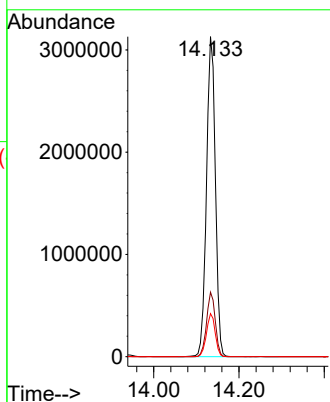
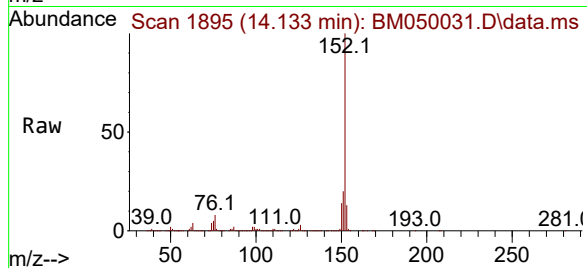
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8



#50

Dimethylphthalate

Concen: 78.228 ng

RT: 13.874 min Scan# 1851

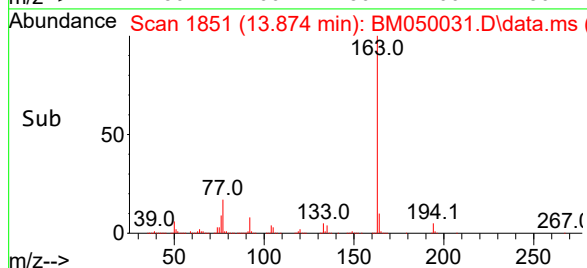
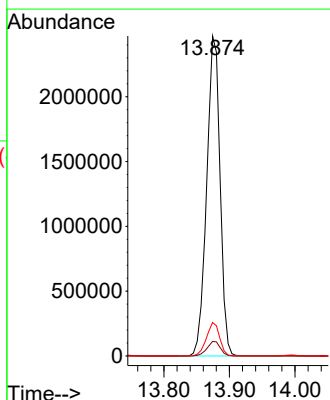
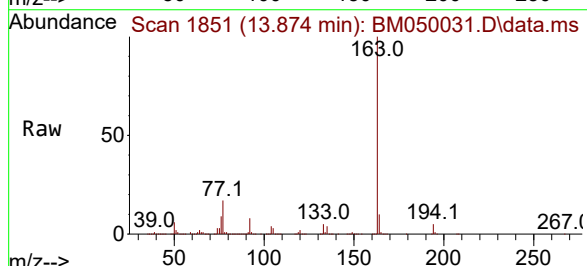
Delta R.T. 0.006 min

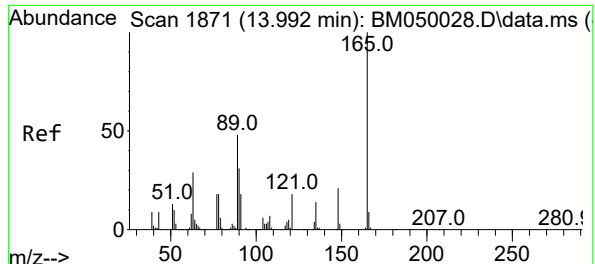
Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2

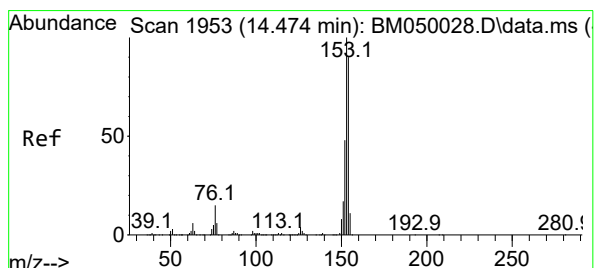
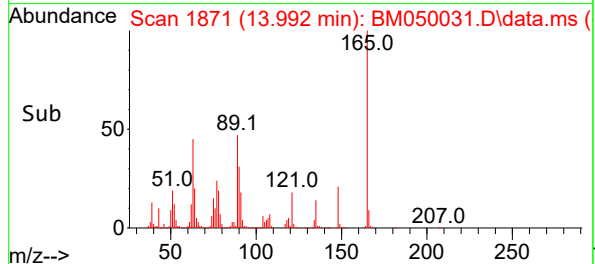
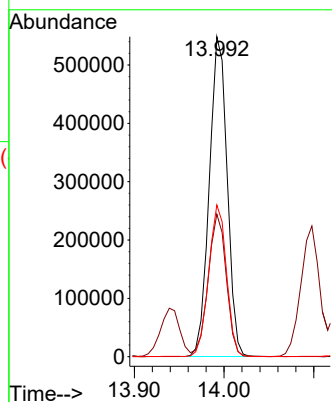
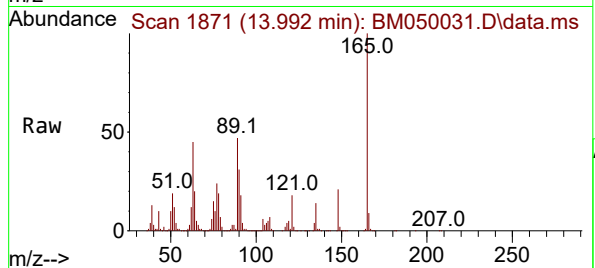




#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

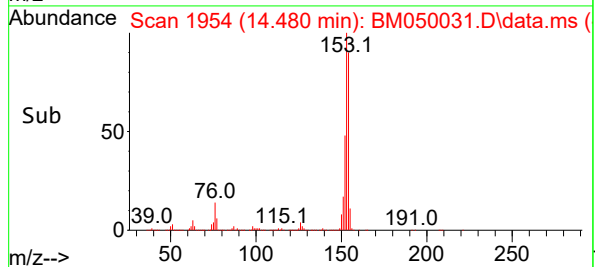
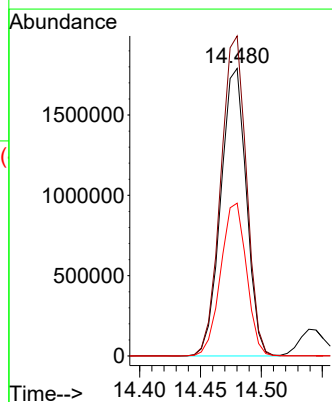
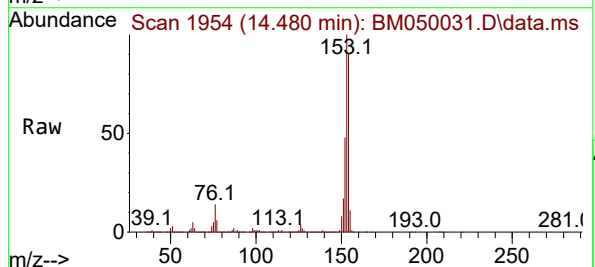
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

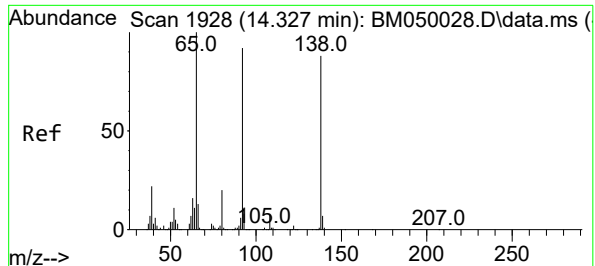
Tgt Ion:165 Resp: 758296
Ion Ratio Lower Upper
165 100
63 44.6 35.1 52.7
89 47.4 38.4 57.6



#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 53.1 43.0 64.6

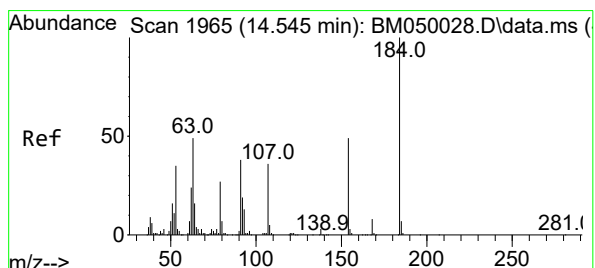
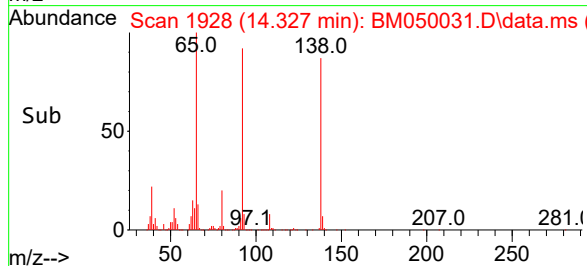
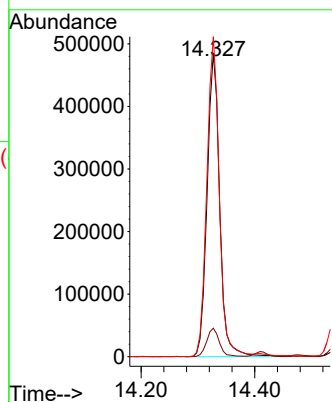
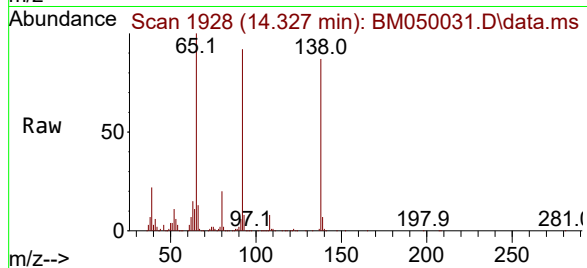




#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

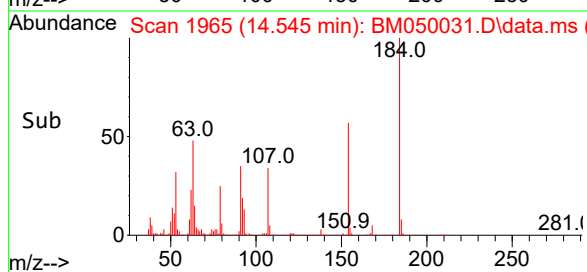
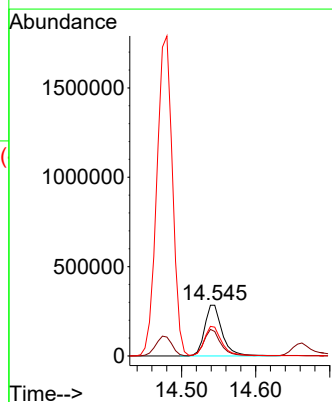
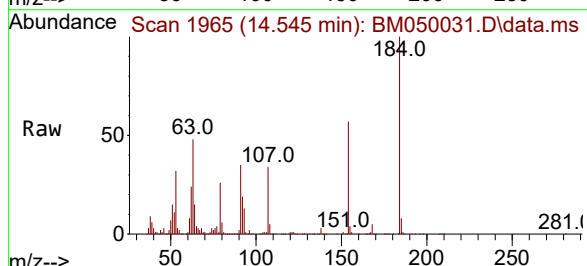
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

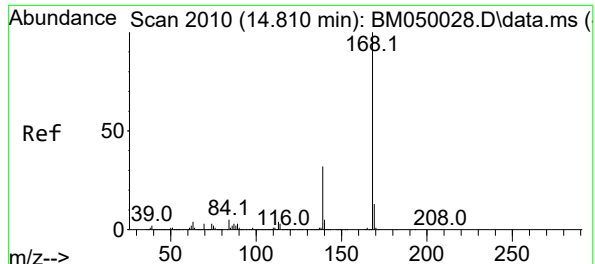
Tgt Ion:138 Resp: 740202
Ion Ratio Lower Upper
138 100
108 9.4 7.4 11.2
92 105.4 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472
Ion Ratio Lower Upper
184 100
63 48.1 39.8 59.6
154 57.0 46.1 69.1





#55

Dibenzenofuran

Concen: 78.875 ng

RT: 14.815 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

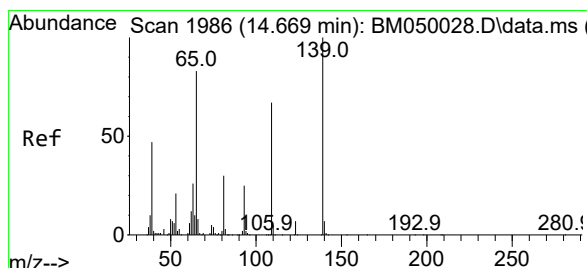
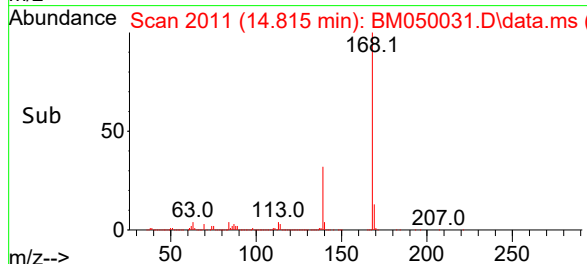
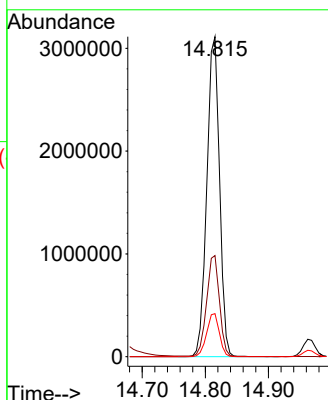
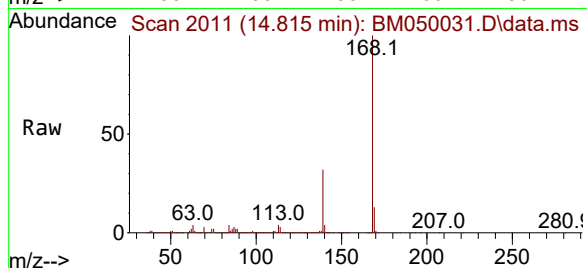
Tgt Ion:168 Resp: 4325783

Ion Ratio Lower Upper

168 100

139 31.6 26.1 39.1

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.710 ng

RT: 14.662 min Scan# 1985

Delta R.T. -0.007 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

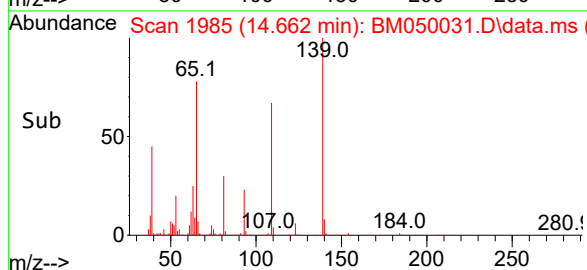
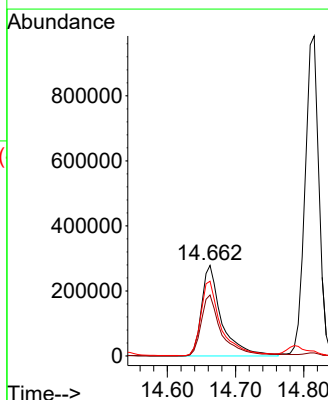
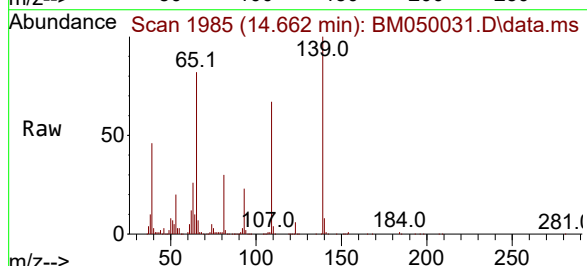
Tgt Ion:139 Resp: 566943

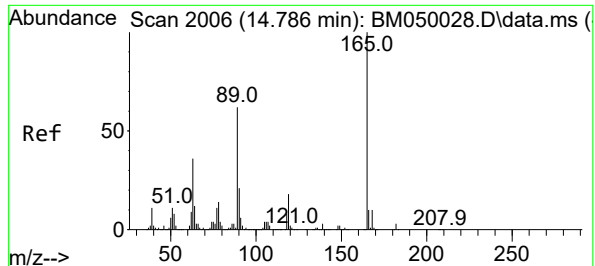
Ion Ratio Lower Upper

139 100

109 67.2 47.0 87.0

65 82.5 64.3 104.3

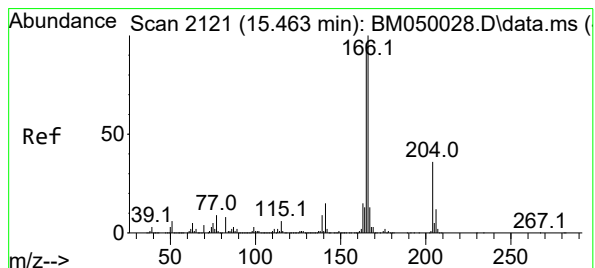
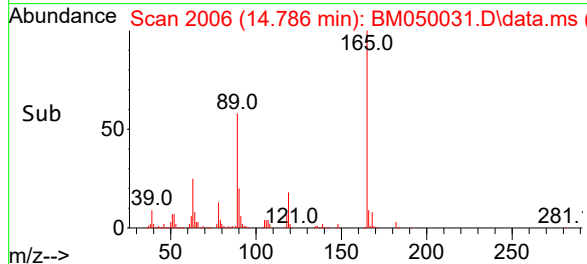
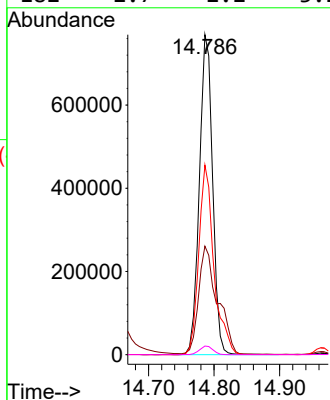
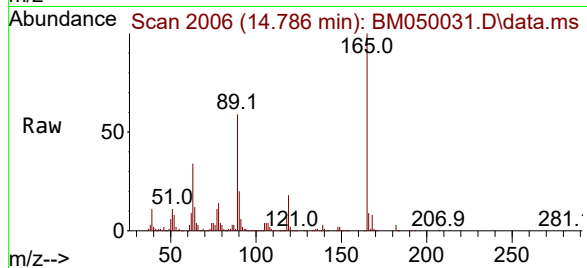




#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

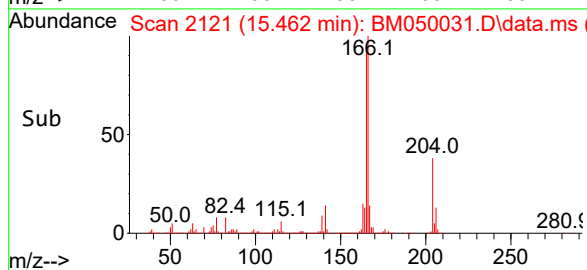
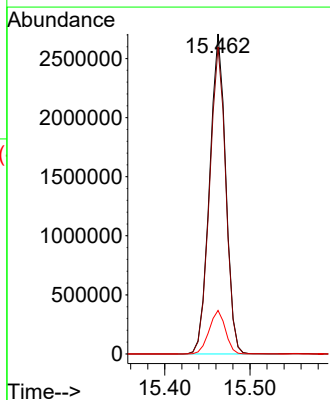
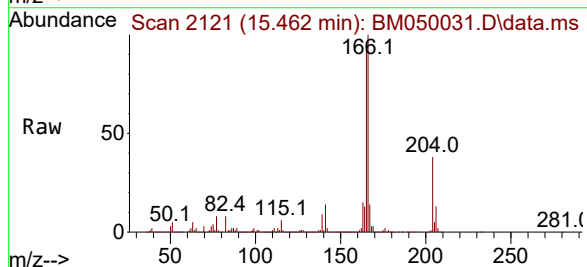
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

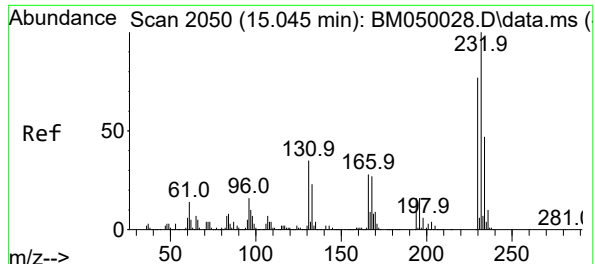
Tgt Ion:165 Resp: 1080118
Ion Ratio Lower Upper
165 100
63 33.9 29.0 43.6
89 59.2 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506
Ion Ratio Lower Upper
166 100
165 96.0 76.6 115.0
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 84.123 ng

RT: 15.045 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 1057707

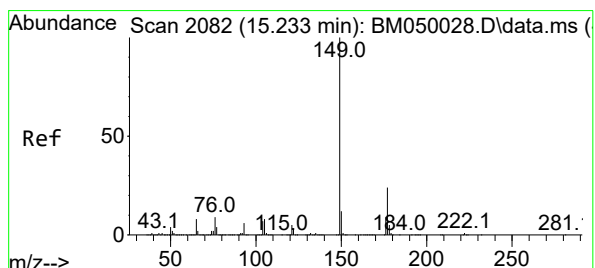
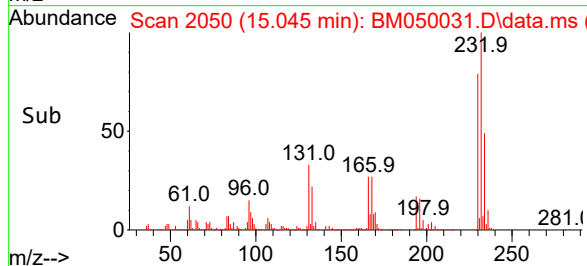
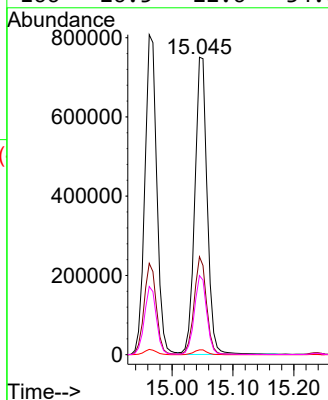
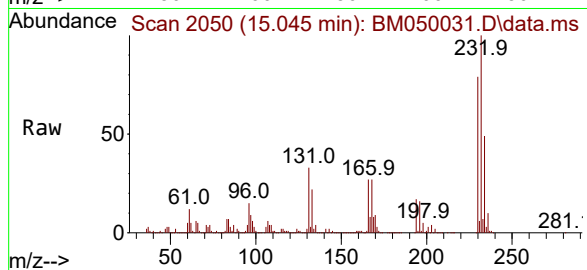
Ion Ratio Lower Upper

232 100

131 32.8 28.2 42.4

130 1.7 1.5 2.3

166 26.5 22.6 34.0



#60

Diethylphthalate

Concen: 77.118 ng

RT: 15.239 min Scan# 2083

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

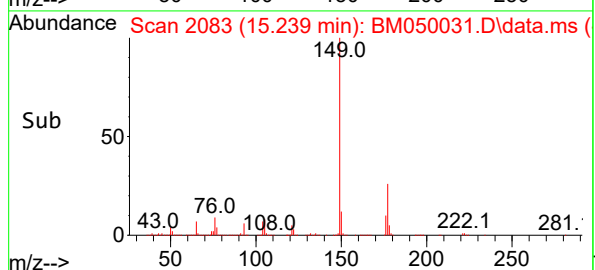
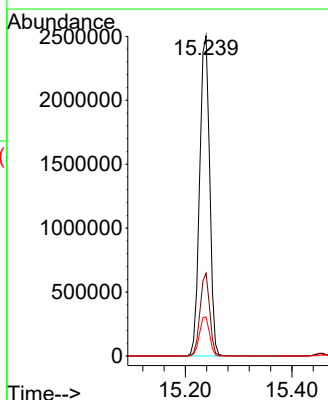
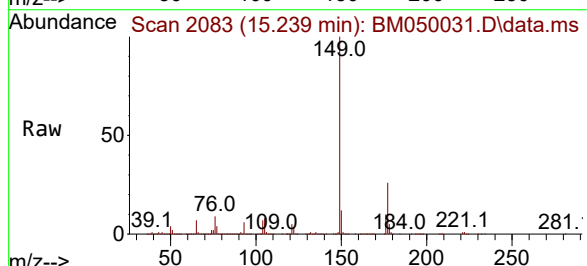
Tgt Ion:149 Resp: 3257954

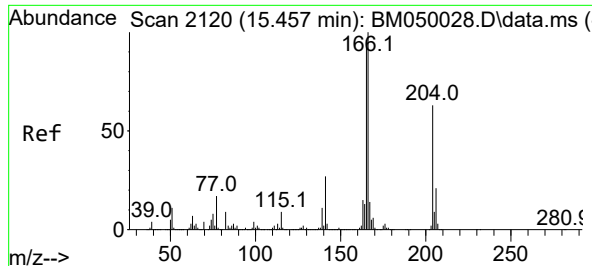
Ion Ratio Lower Upper

149 100

177 25.8 19.1 28.7

150 12.2 9.6 14.4

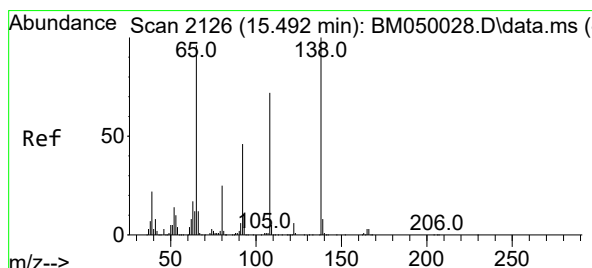
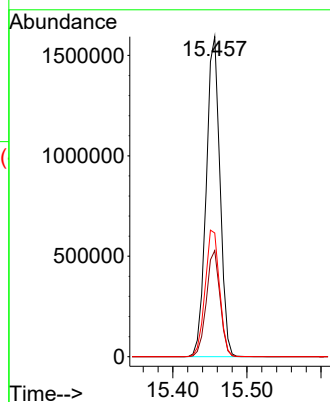
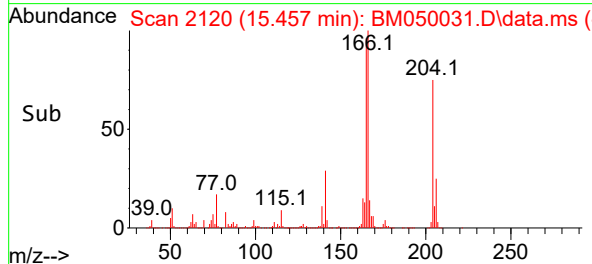
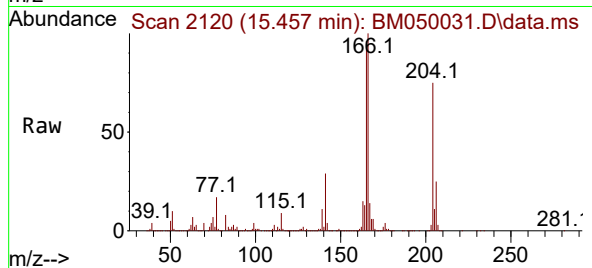




#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

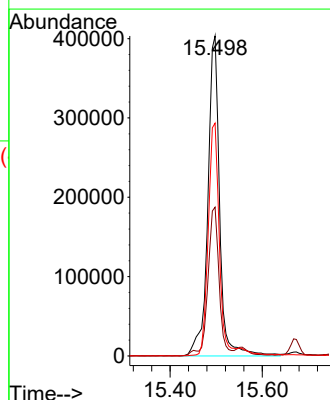
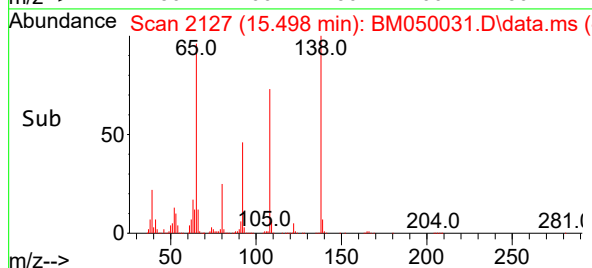
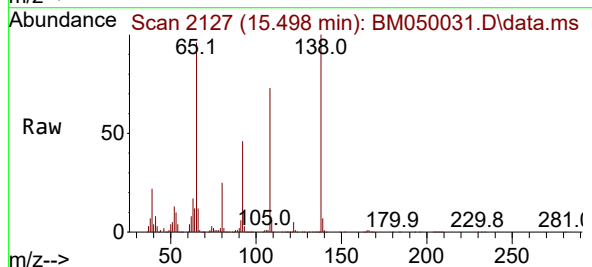
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

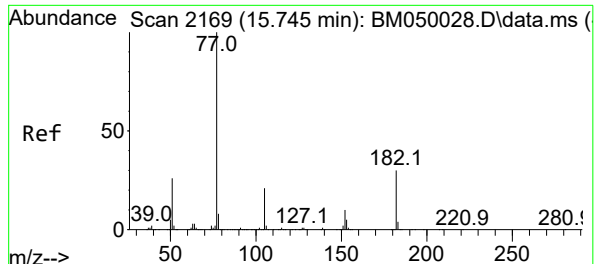
Tgt Ion:204 Resp: 2051105
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 38.7 34.0 51.0



#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549
Ion Ratio Lower Upper
138 100
92 46.5 25.9 65.9
108 72.8 52.4 92.4

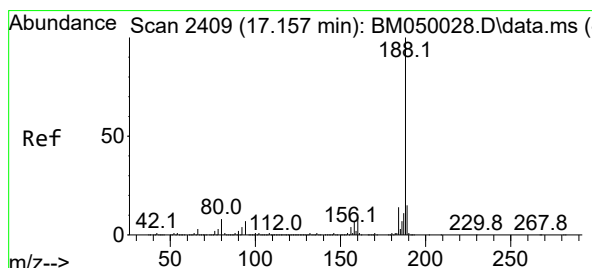
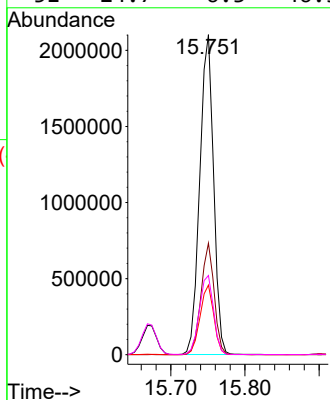
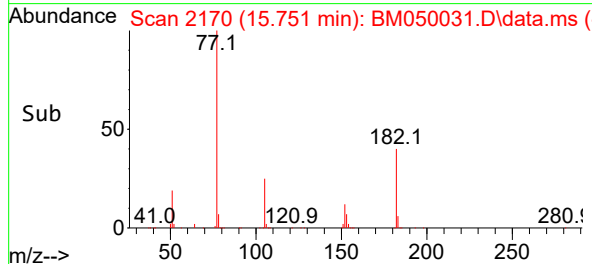
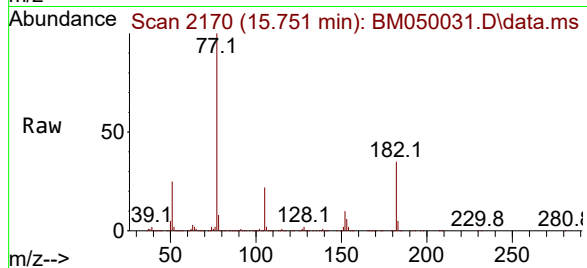




#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

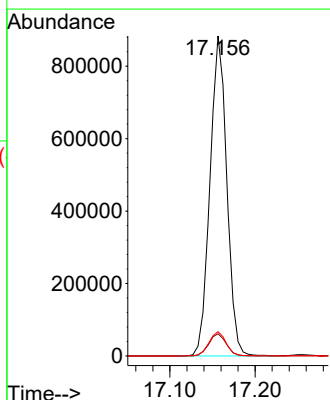
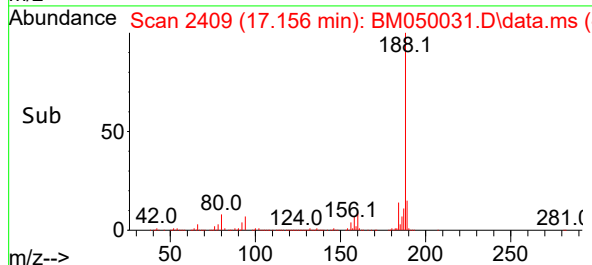
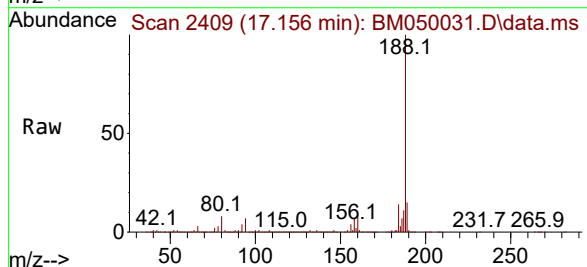
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

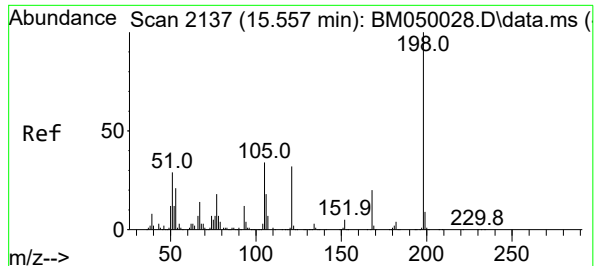
Tgt Ion: 77 Resp: 2723186
Ion Ratio Lower Upper
77 100
182 34.9 10.5 50.5
105 21.7 1.1 41.1
51 24.7 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 188 Resp: 1212251
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.6 6.2 9.4

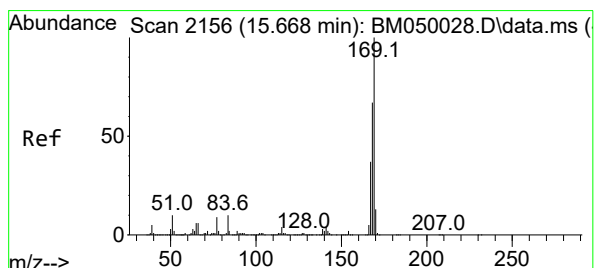
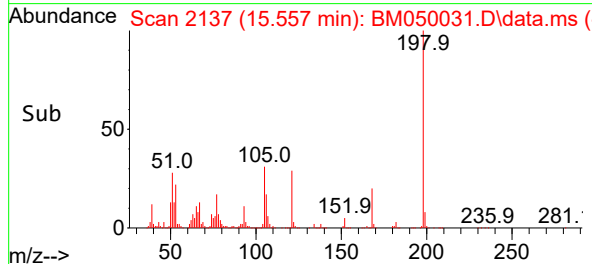
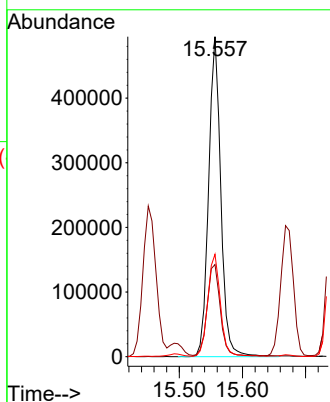
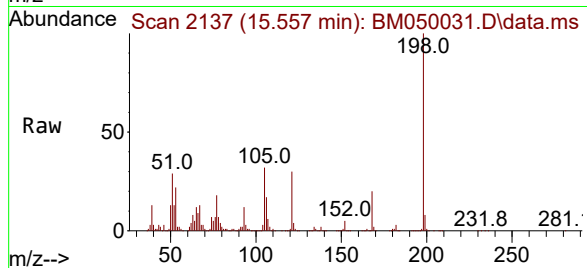




#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

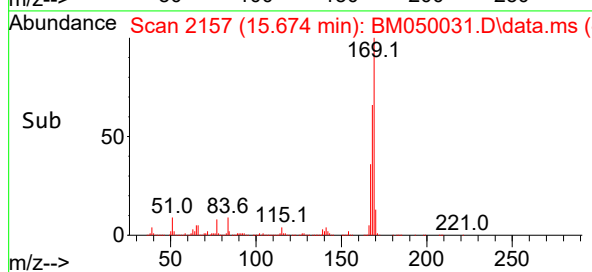
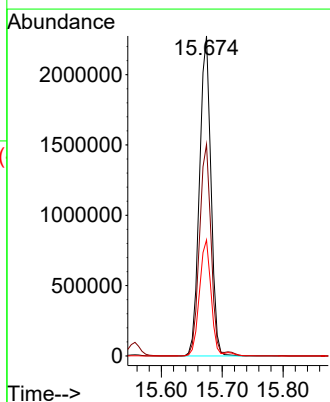
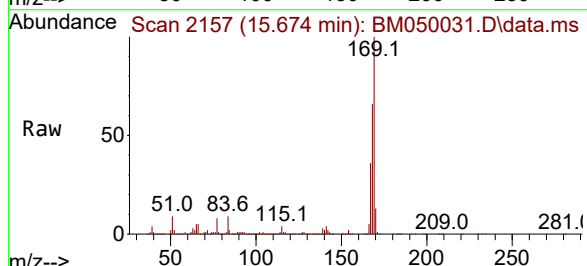
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

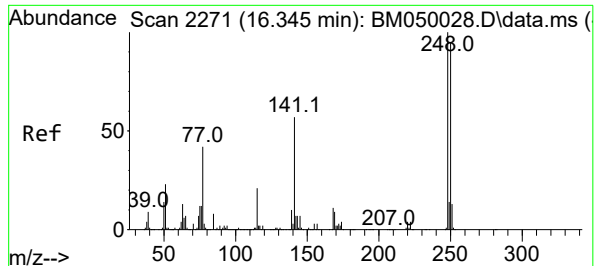
Tgt Ion:198 Resp: 665798
Ion Ratio Lower Upper
198 100
51 28.8 10.4 50.4
105 32.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 36.3 29.4 44.0

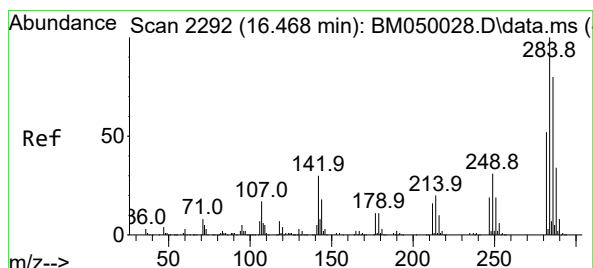
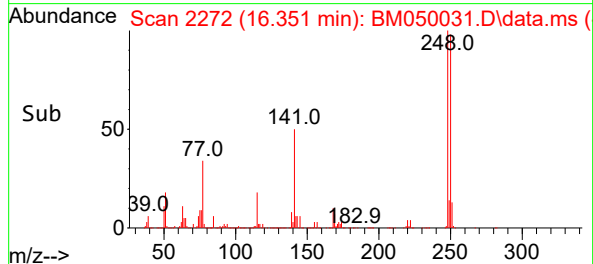
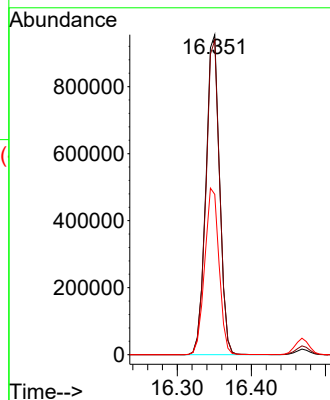
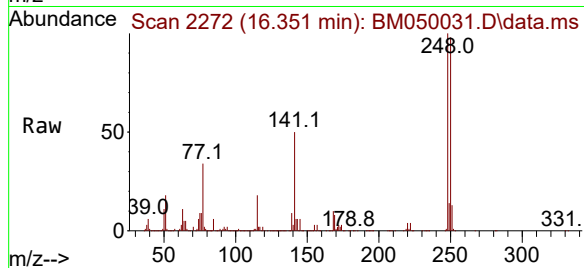




#67
4-Bromophenyl-phenylether
Concen: 83.600 ng
RT: 16.351 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

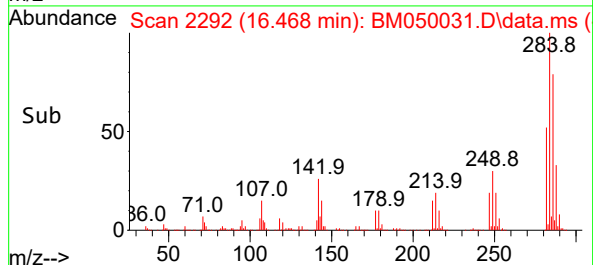
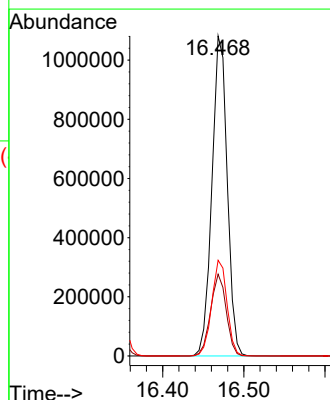
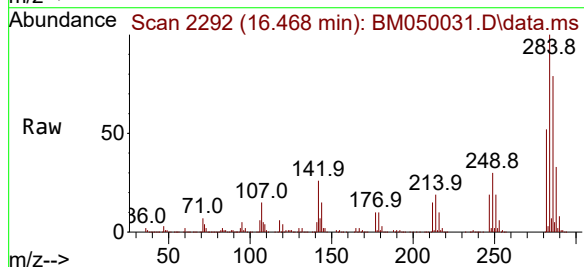
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

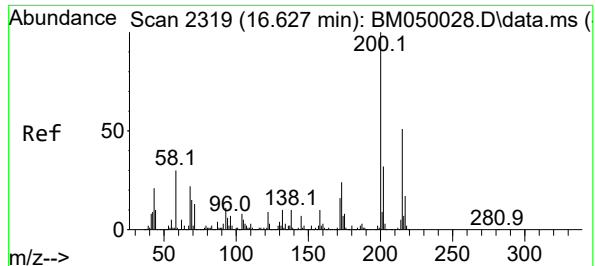
Tgt Ion:248 Resp: 1225531
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 50.1 45.9 68.9



#68
Hexachlorobenzene
Concen: 83.606 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:284 Resp: 1412768
Ion Ratio Lower Upper
284 100
142 25.5 23.9 35.9
249 29.9 24.5 36.7

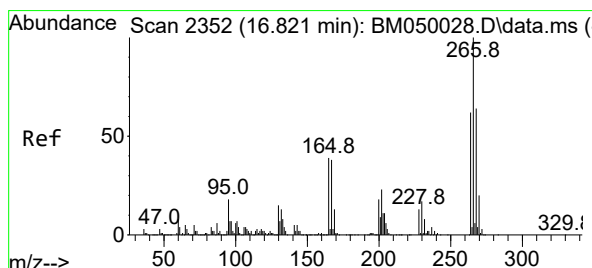
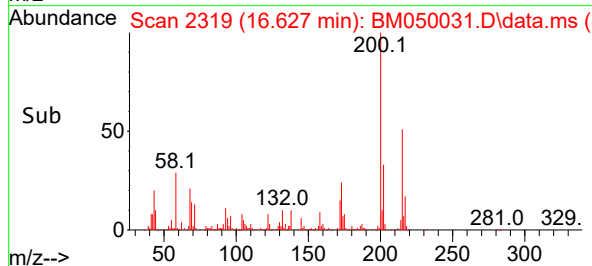
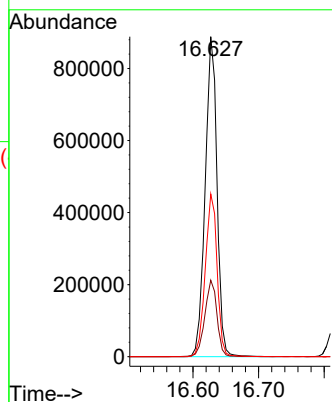
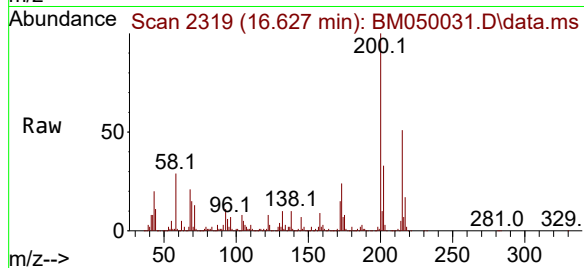




#69
Atrazine
Concen: 83.174 ng
RT: 16.627 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

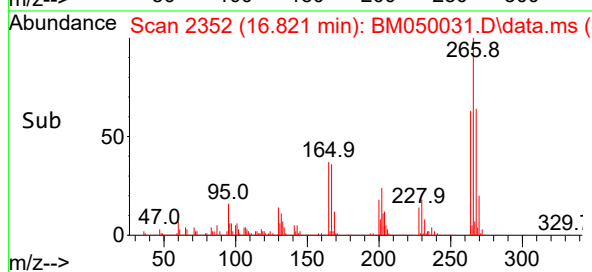
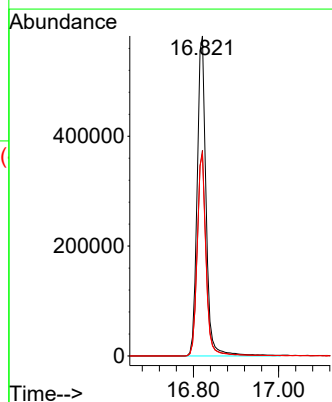
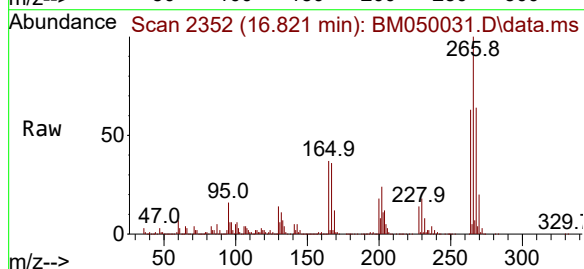
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

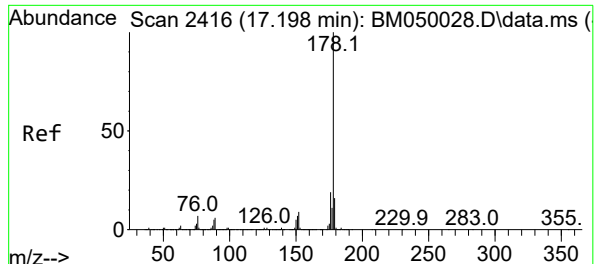
Tgt Ion:200 Resp: 1116818
Ion Ratio Lower Upper
200 100
173 23.9 4.3 44.3
215 50.8 30.6 70.6



#70
Pentachlorophenol
Concen: 88.648 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195
Ion Ratio Lower Upper
266 100
268 64.2 51.2 76.8
264 63.1 49.6 74.4

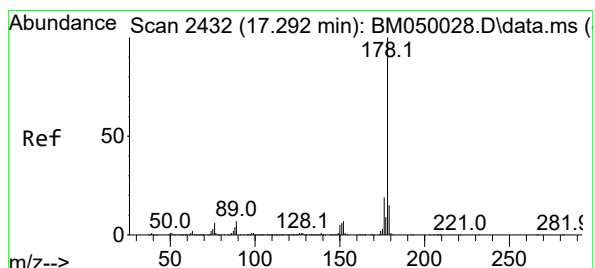
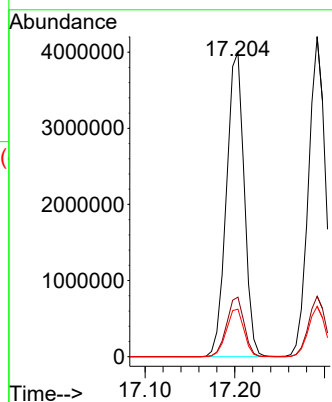
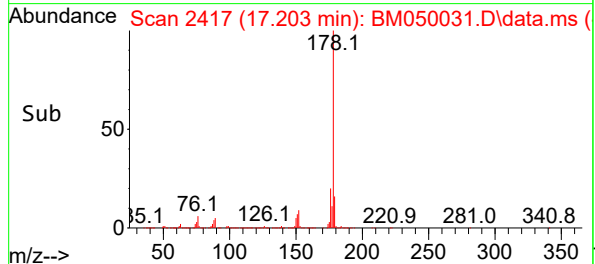
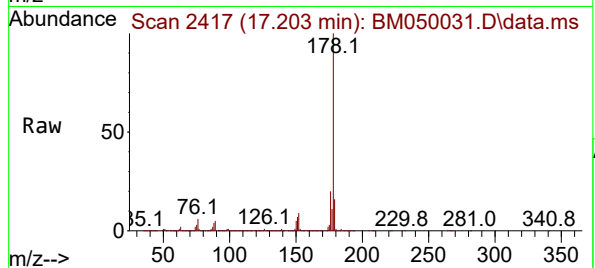




#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

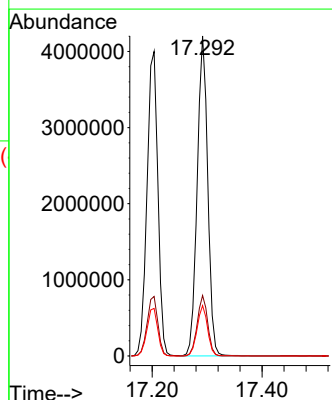
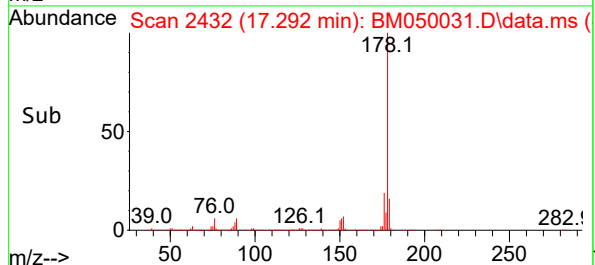
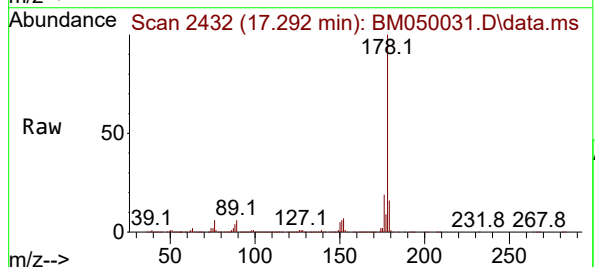
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

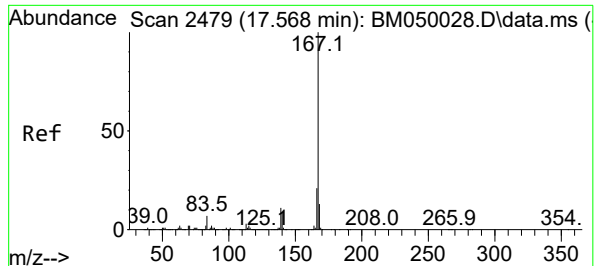
Tgt Ion:178 Resp: 5487968
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.4 18.6



#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.8 12.2 18.4

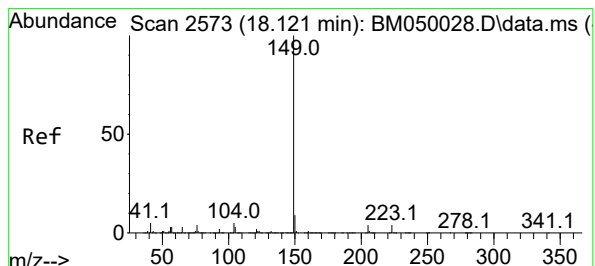
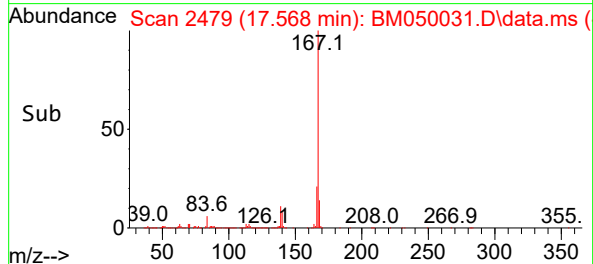
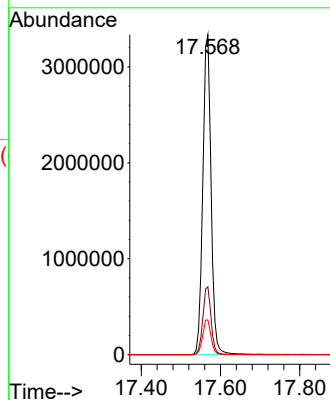
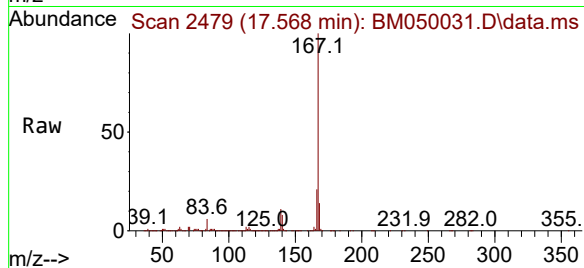




#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

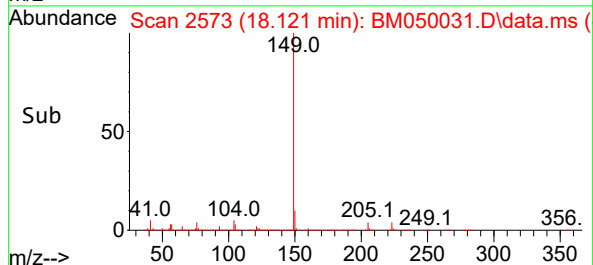
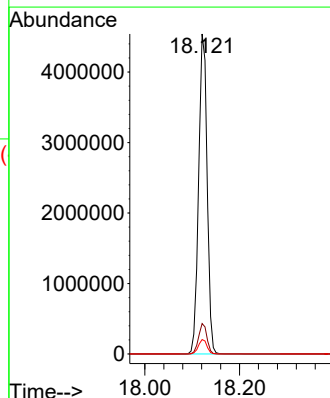
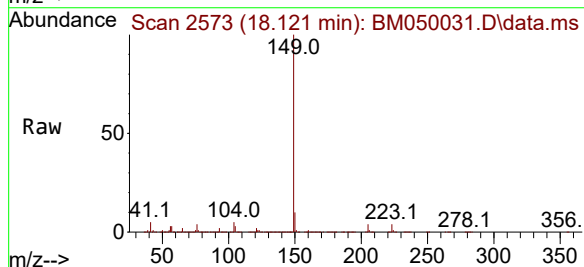
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

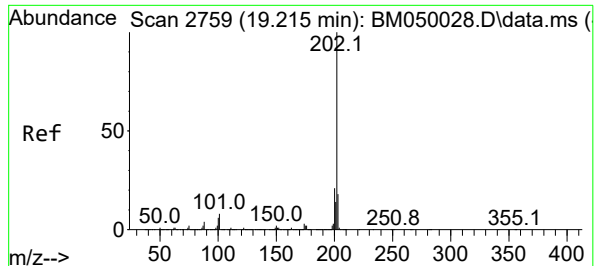
Tgt Ion:167 Resp: 4845637
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 10.8 9.0 13.6



#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.5 3.8 5.6

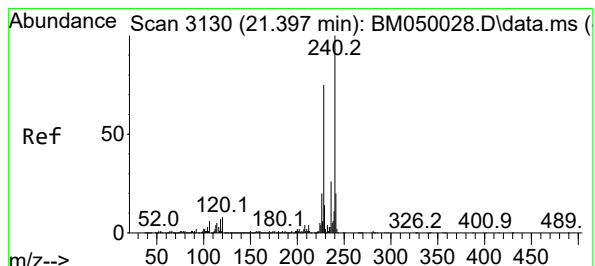
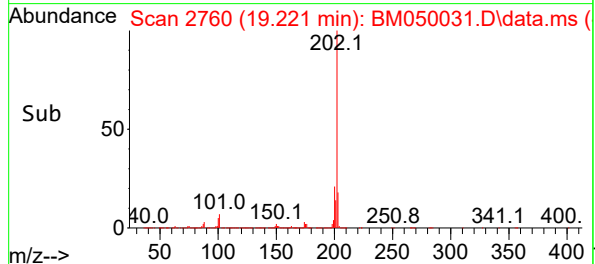
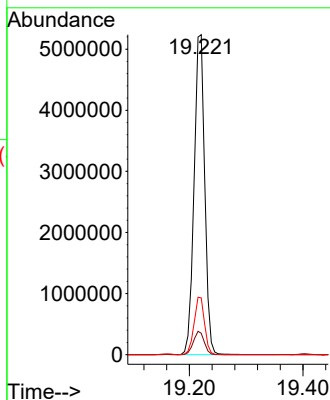
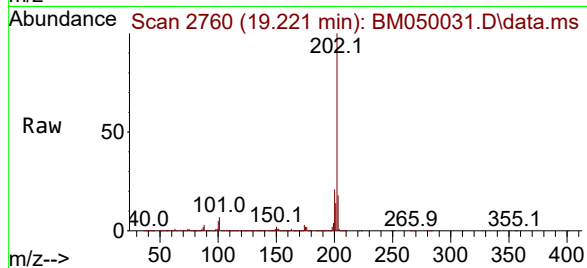




#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

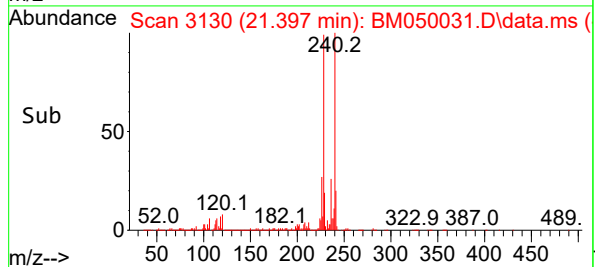
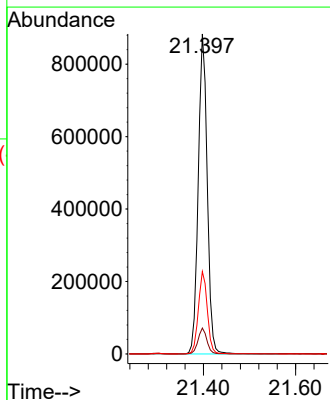
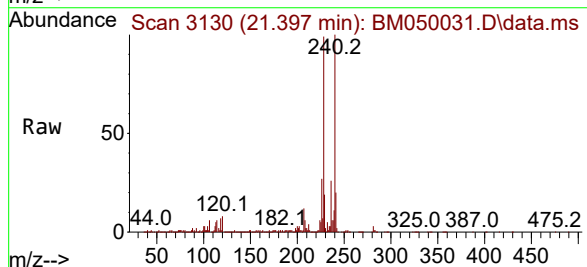
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

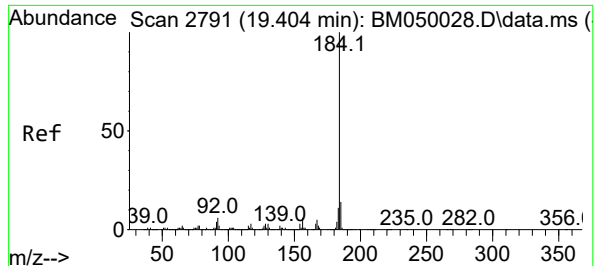
Tgt Ion:202 Resp: 6841999
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.0
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 25.8 20.9 31.3

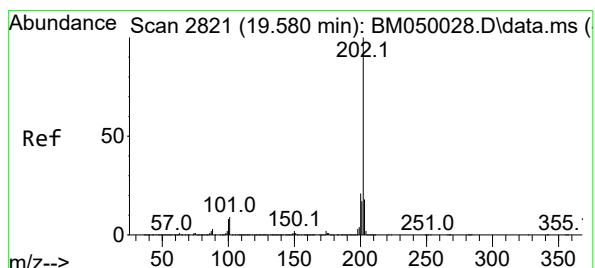
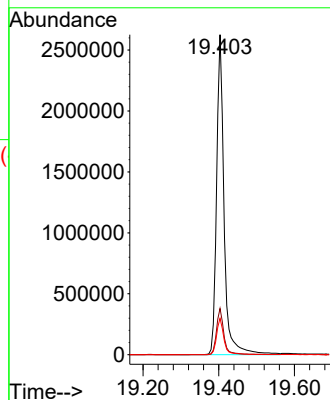
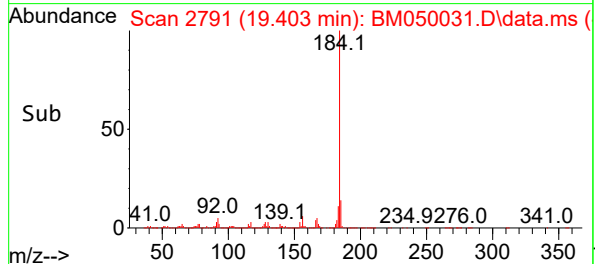
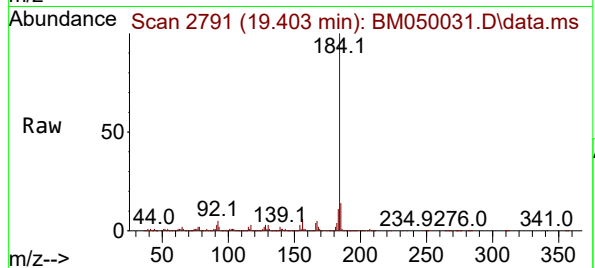




#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

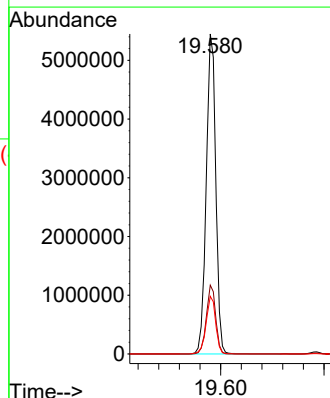
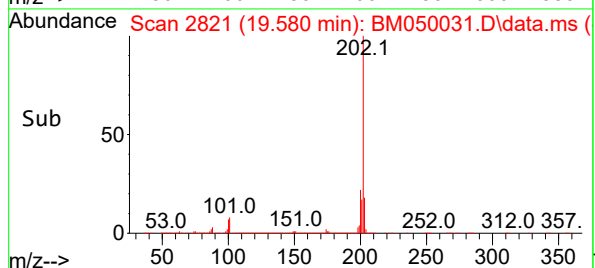
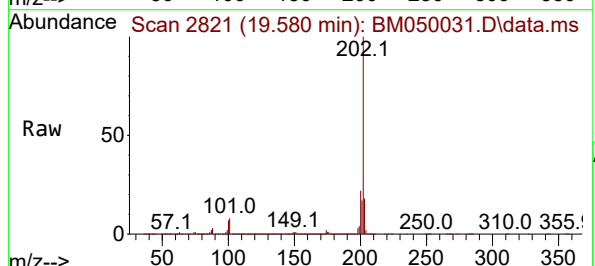
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

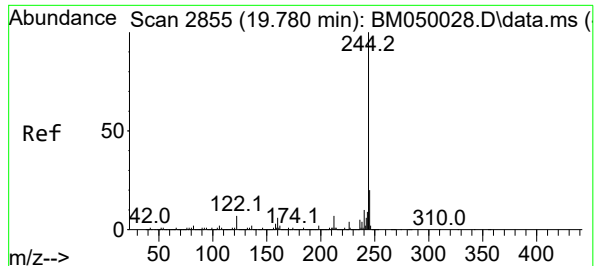
Tgt Ion:184 Resp: 3598340
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 18.0 14.1 21.1

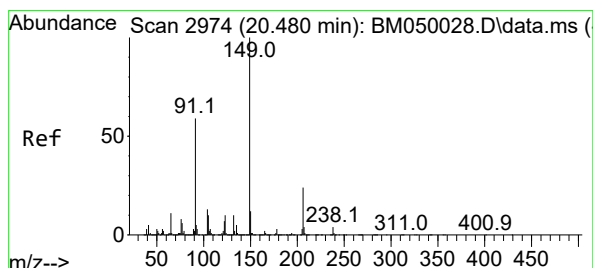
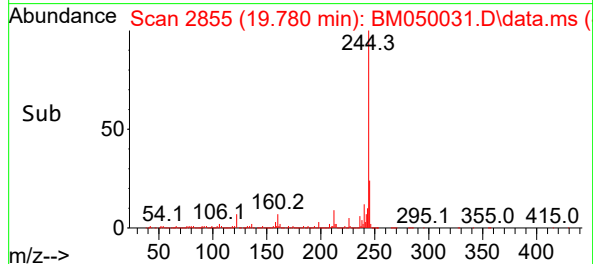
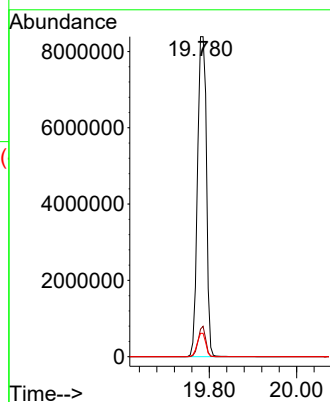
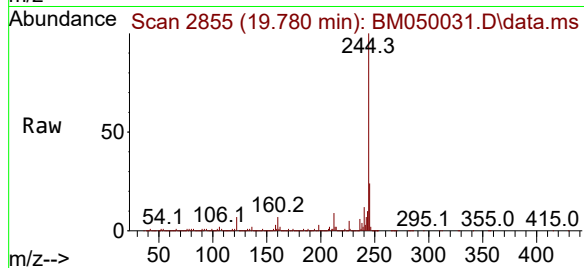




#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

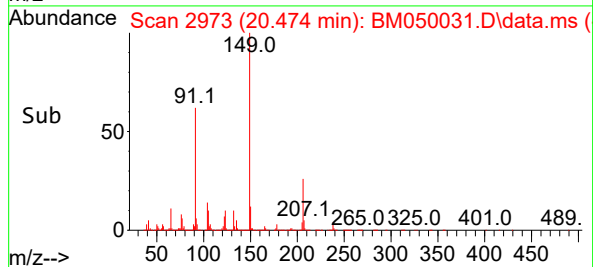
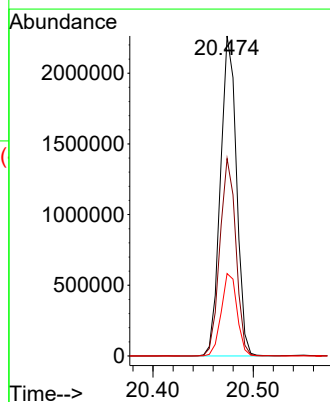
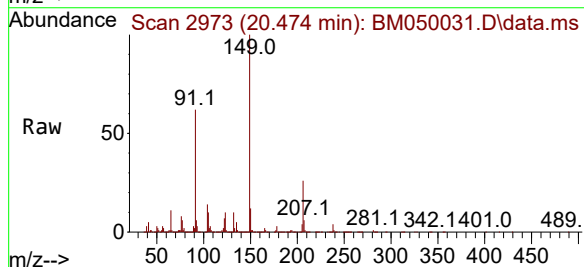
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

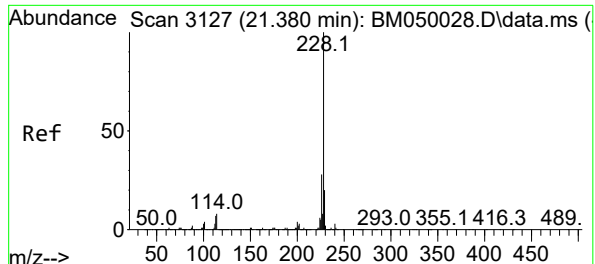
Tgt Ion:244 Resp:11877110
Ion Ratio Lower Upper
244 100
212 8.6 5.6 8.4#
122 7.3 5.6 8.4



#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705
Ion Ratio Lower Upper
149 100
91 61.7 47.4 71.2
206 25.7 19.4 29.0

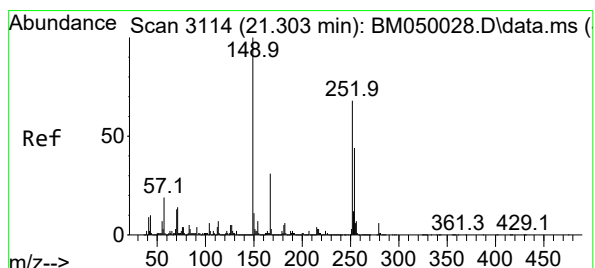
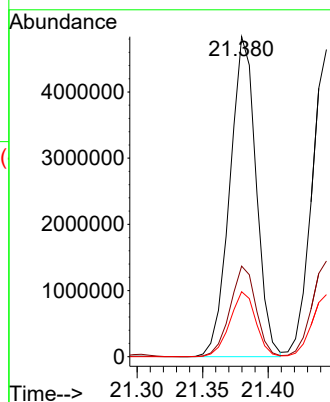
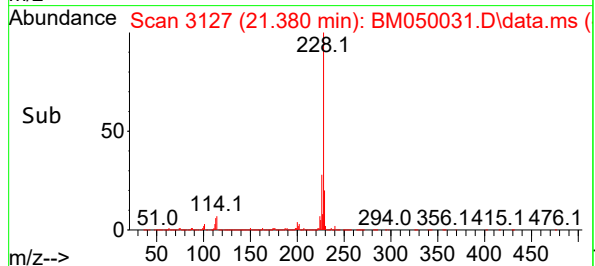
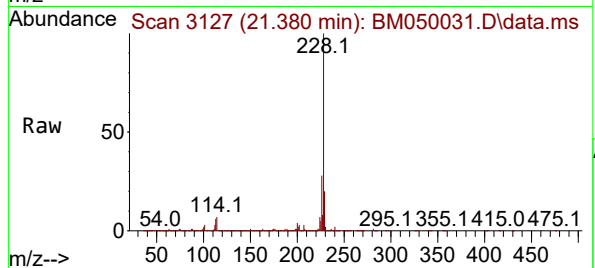




#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

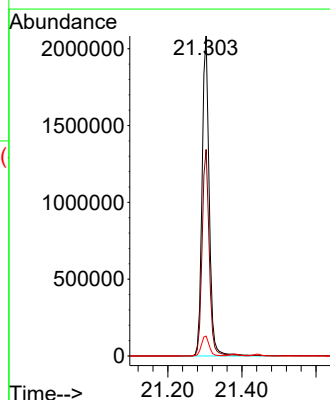
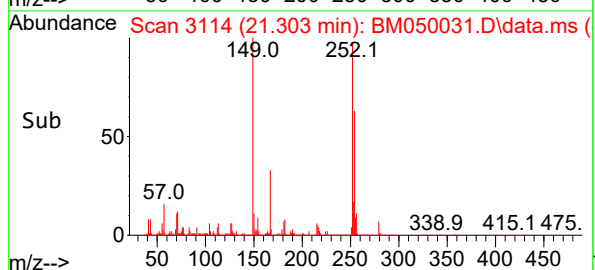
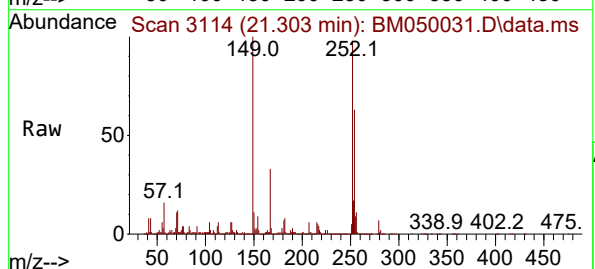
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

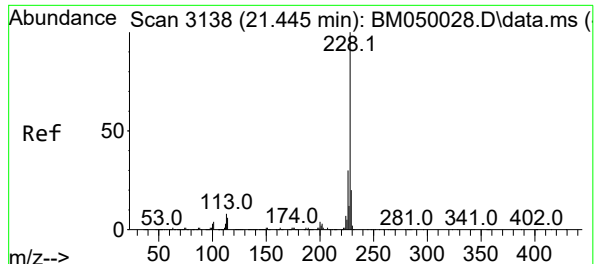
Tgt Ion:228 Resp: 6747718
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.6
126 6.2 6.0 9.0

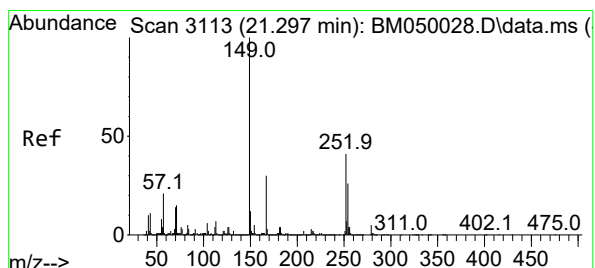
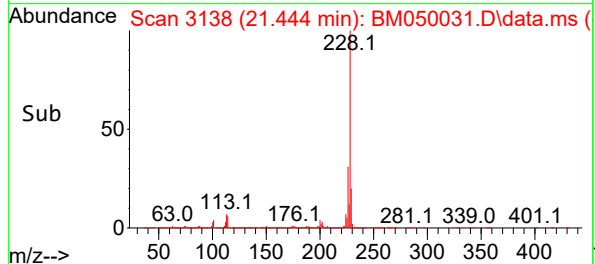
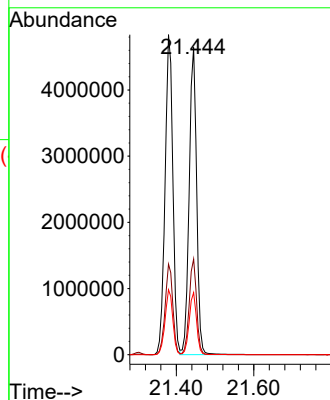
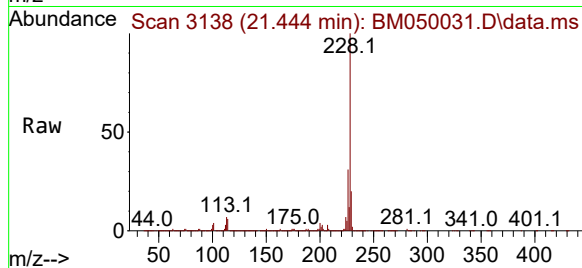




#83
Chrysene
Concen: 81.316 ng
RT: 21.444 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

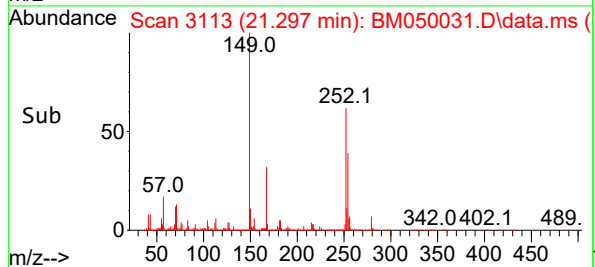
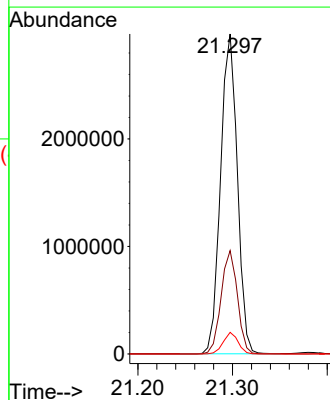
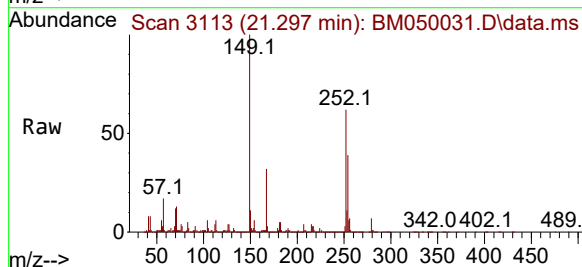
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

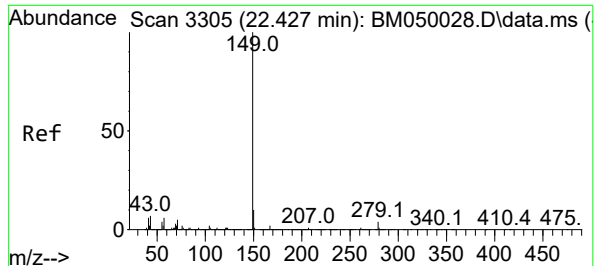
Tgt Ion:228 Resp: 6207632
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 20.2 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 77.905 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3665836
Ion Ratio Lower Upper
149 100
167 32.3 24.1 36.1
279 6.7 3.9 5.9#

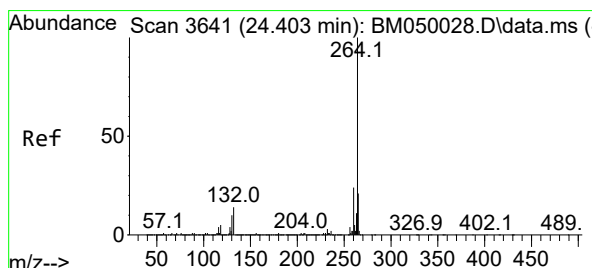
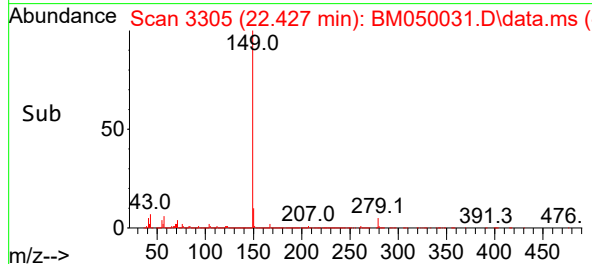
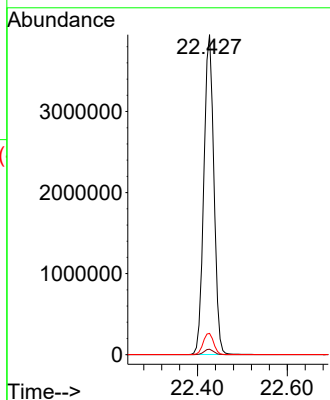
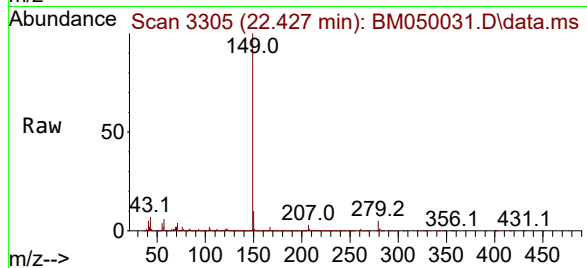




#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

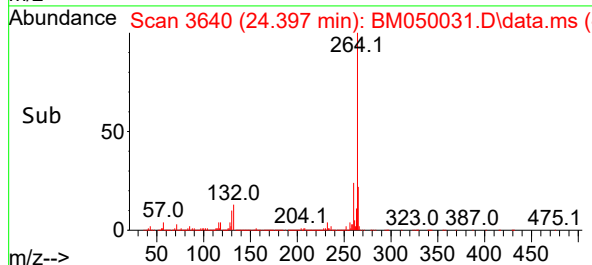
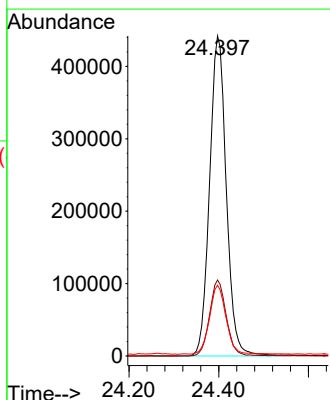
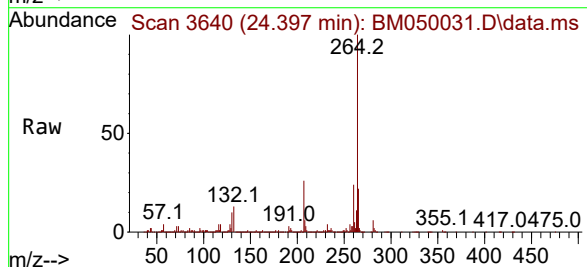
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

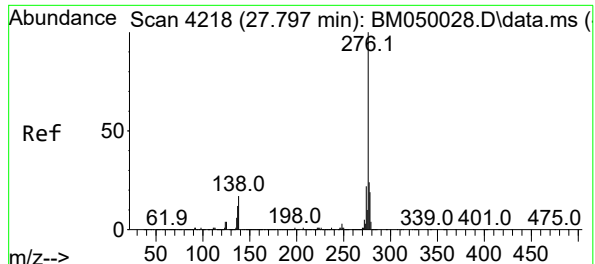
Tgt Ion:149 Resp: 6109632
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.0 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.1 17.0 25.4

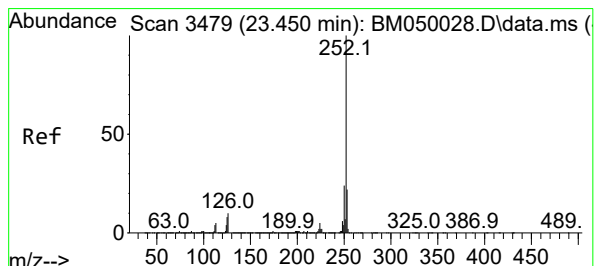
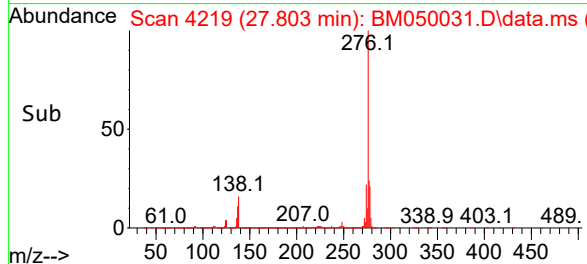
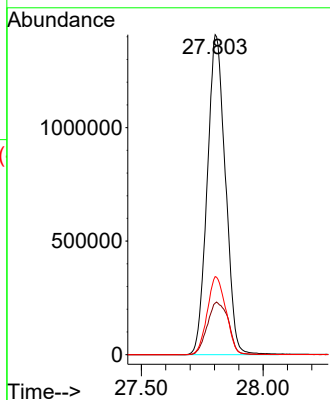
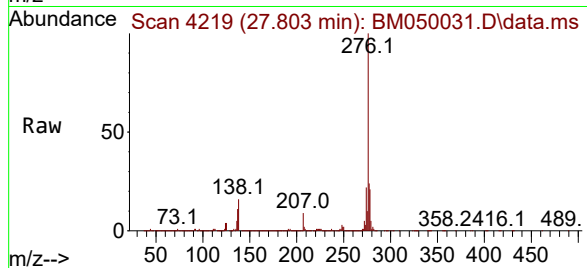




#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

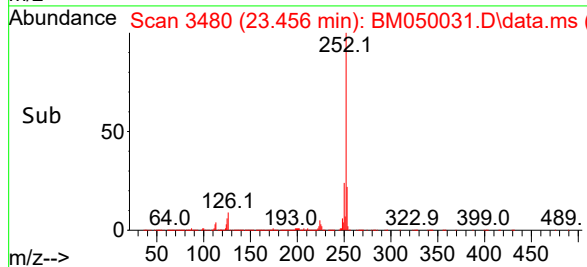
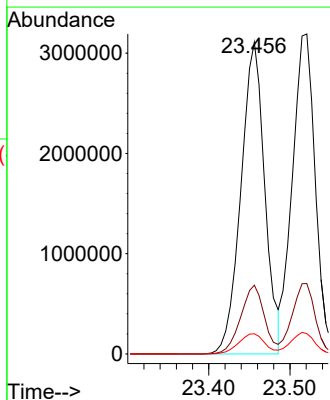
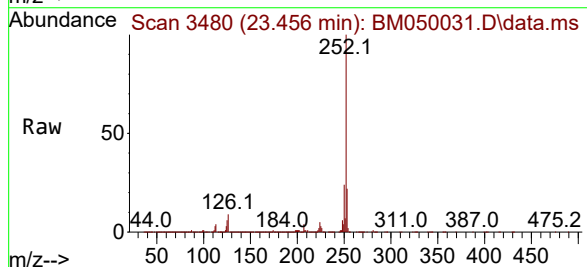
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

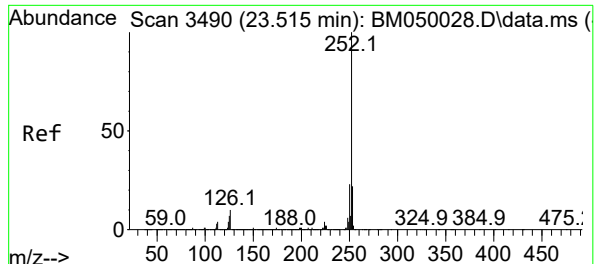
Tgt Ion:276 Resp: 7285836
Ion Ratio Lower Upper
276 100
138 19.2 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.5 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 83.396 ng

RT: 23.521 min Scan# 34

Delta R.T. 0.006 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

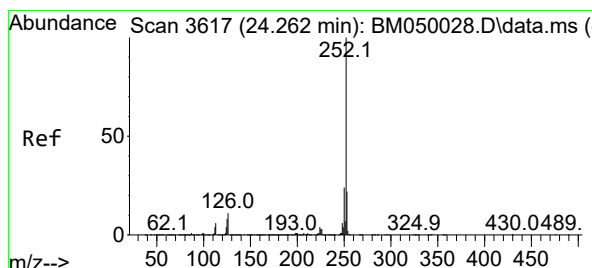
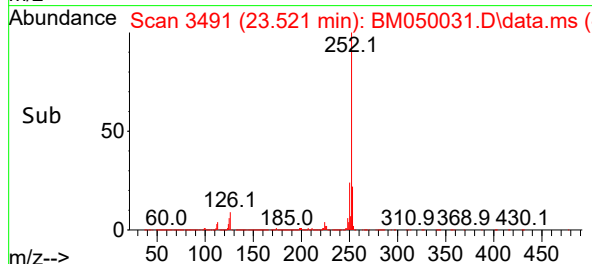
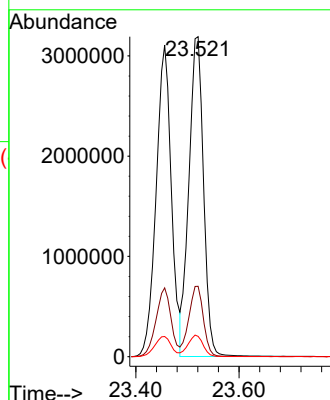
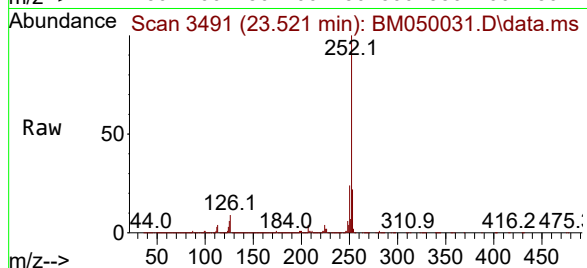
Tgt Ion:252 Resp: 6265924

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 6.4 5.8 8.8



#90

Benzo(a)pyrene

Concen: 85.195 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

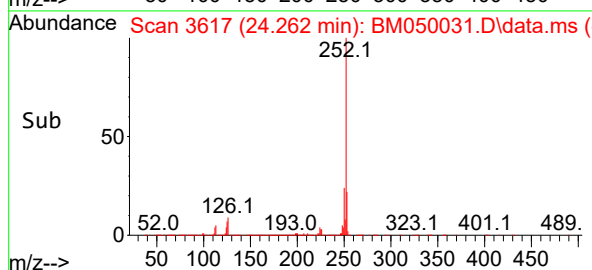
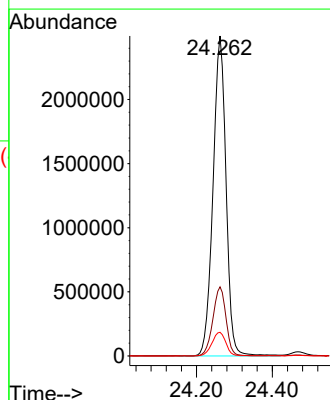
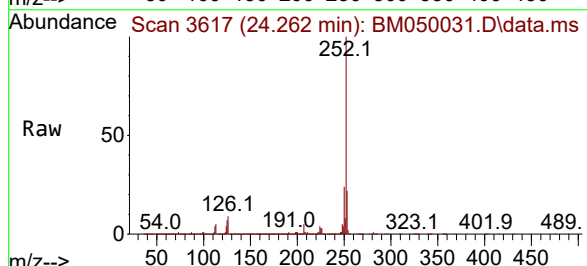
Tgt Ion:252 Resp: 5925652

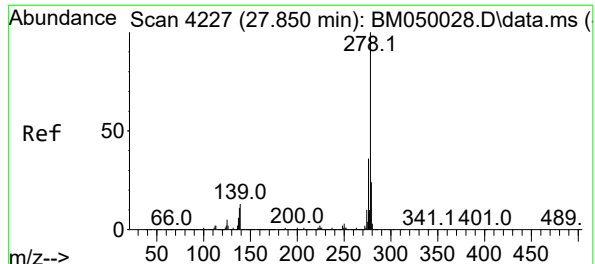
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 7.4 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 86.239 ng

RT: 27.850 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

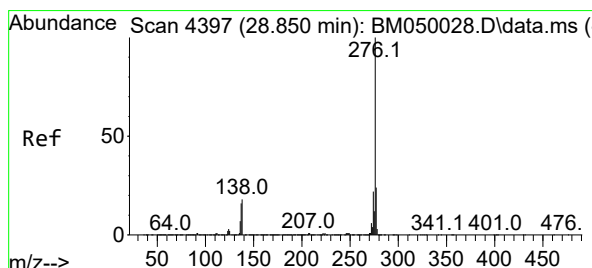
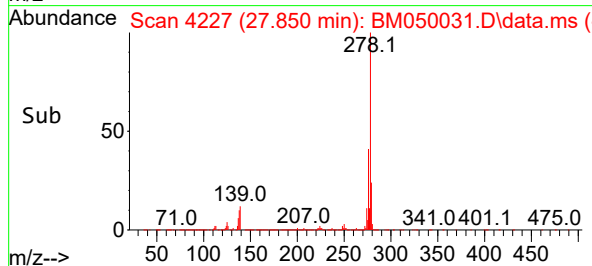
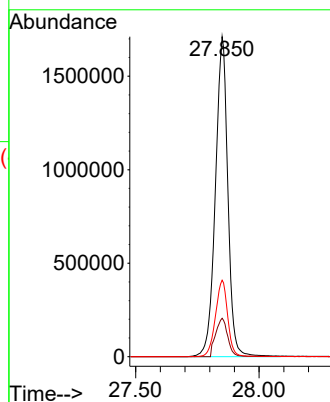
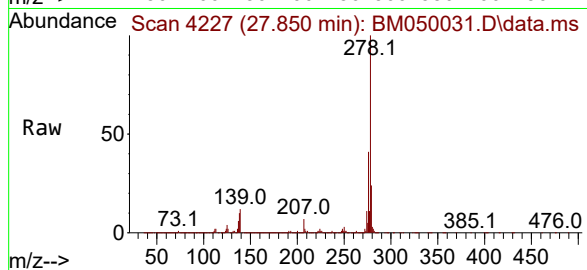
Tgt Ion:278 Resp: 5981478

Ion Ratio Lower Upper

278 100

139 12.0 10.5 15.7

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 83.395 ng

RT: 28.862 min Scan# 4399

Delta R.T. 0.012 min

Lab File: BM050031.D

Acq: 28 Apr 2025 17:04

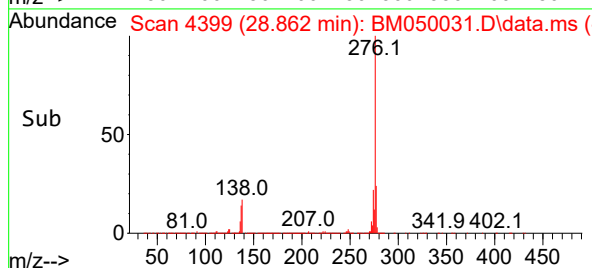
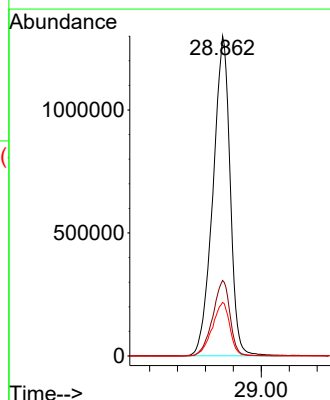
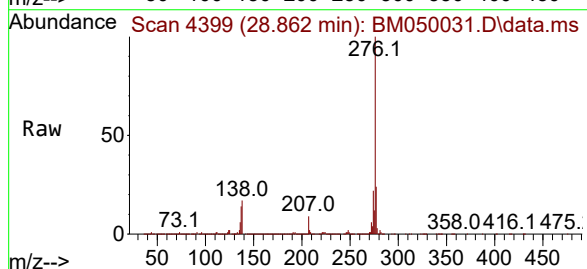
Tgt Ion:276 Resp: 5537637

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 16.7 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/29/2025
 Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

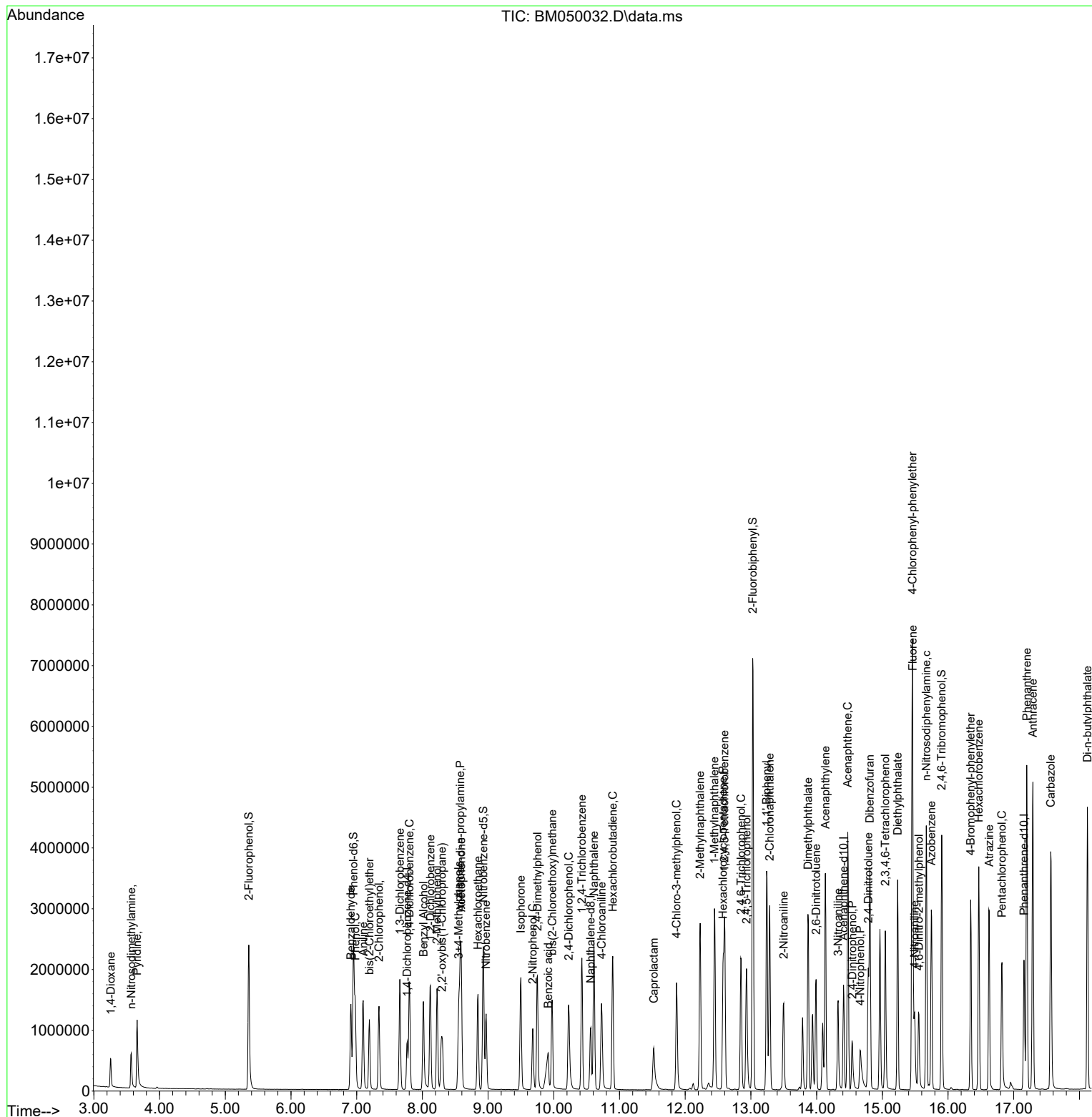
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration



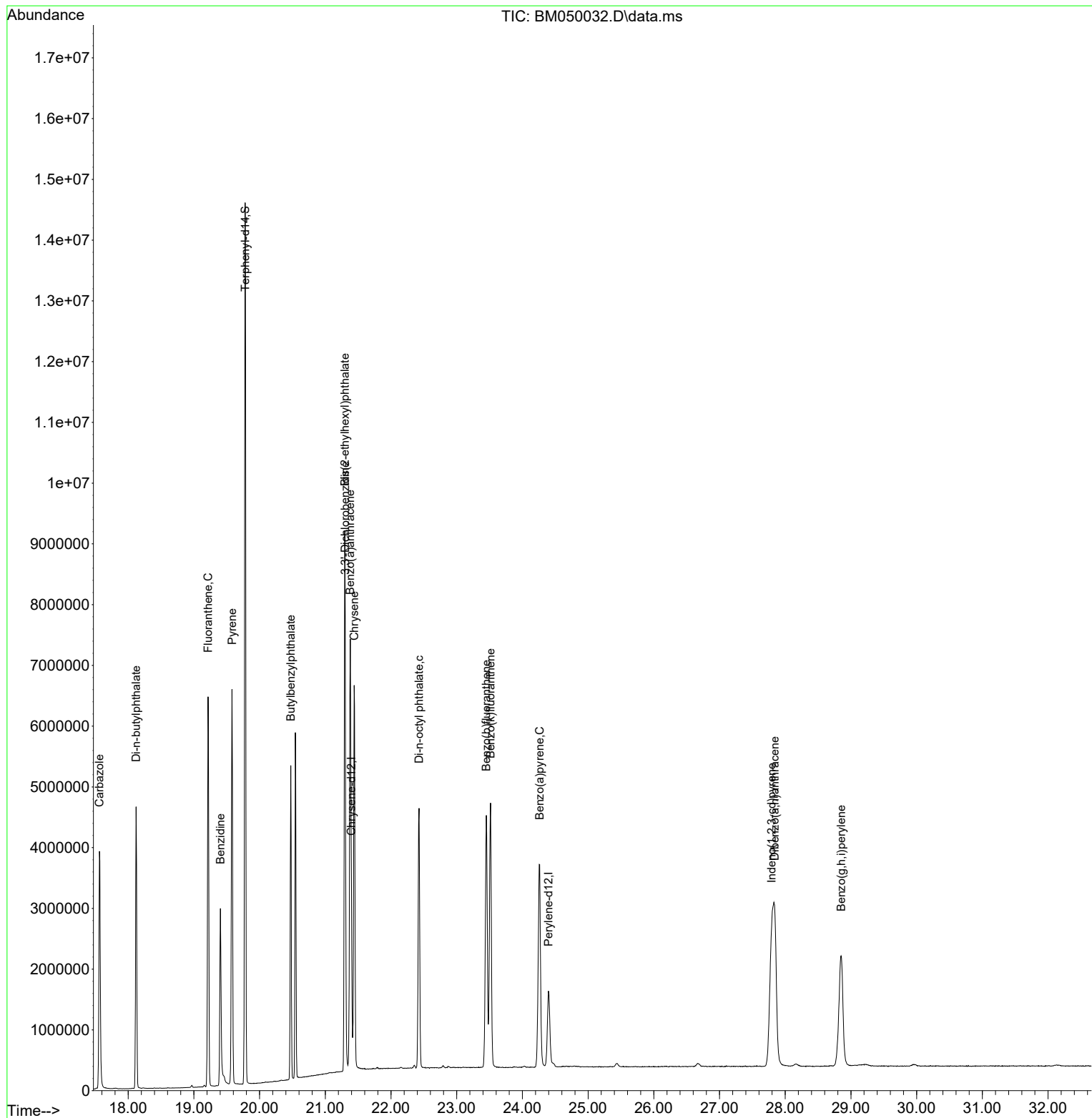
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Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

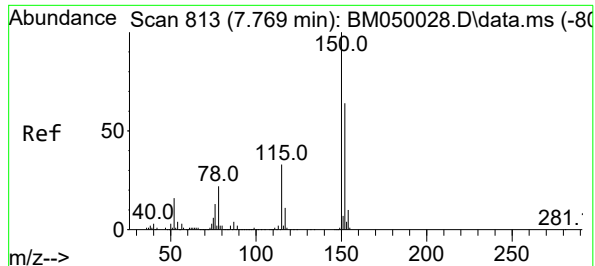
Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

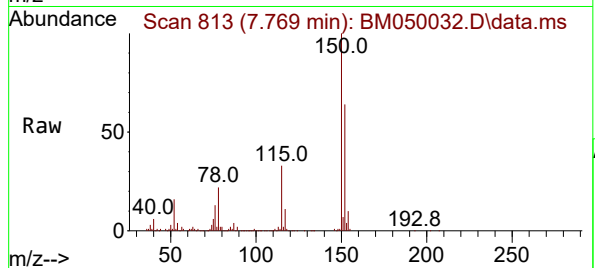
Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

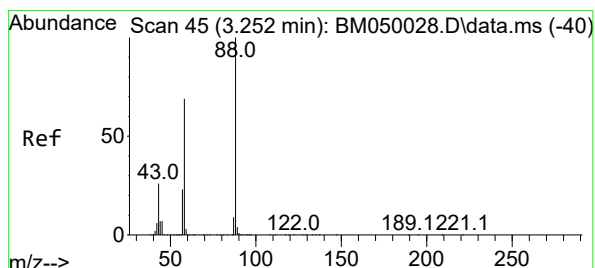
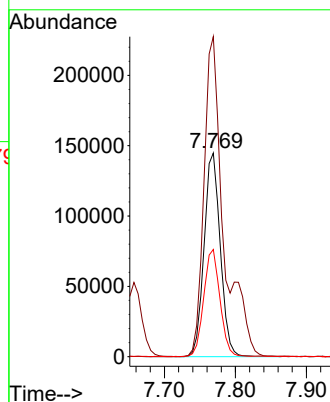
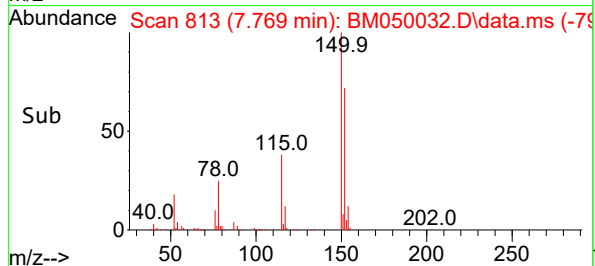
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 152 Resp: 23012
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 52.6 41.2 61.8

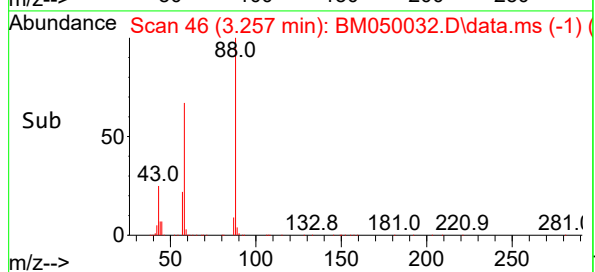
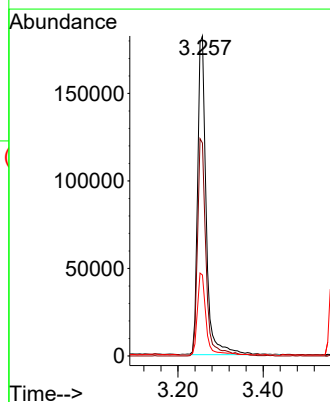
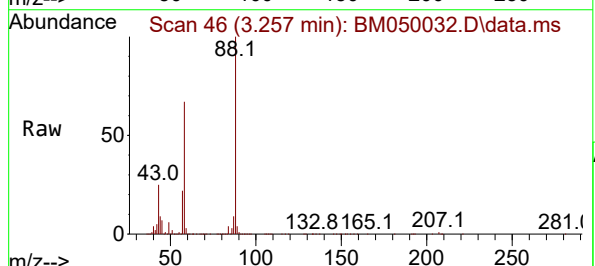
Manual Integrations
APPROVED

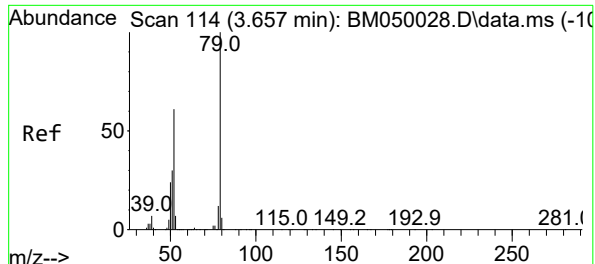
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

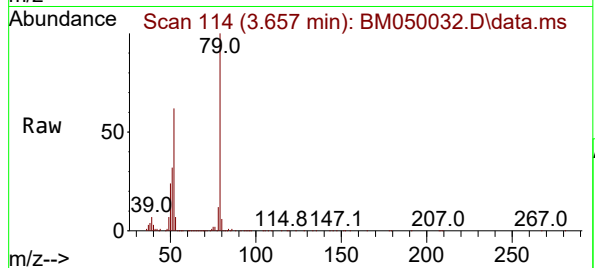
Tgt Ion: 88 Resp: 253433
Ion Ratio Lower Upper
88 100
58 67.9 55.1 82.7
43 25.9 20.9 31.3





#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

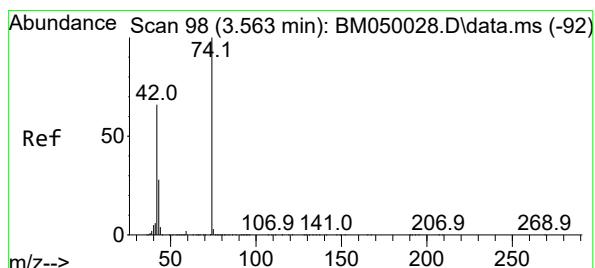
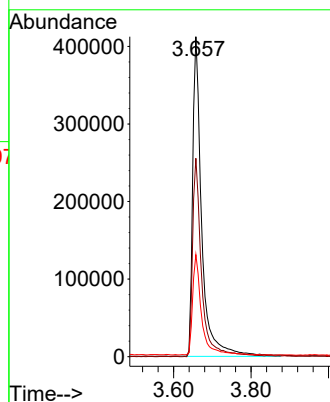
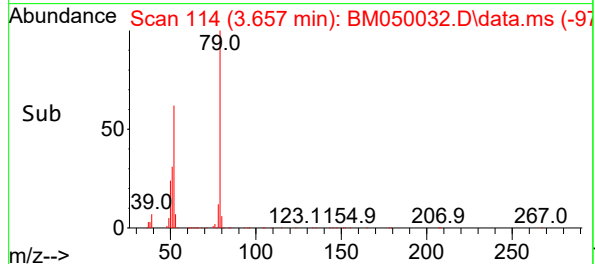
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 79 Resp: 67372
Ion Ratio Lower Upper
79 100
52 62.0 48.6 72.8
51 31.9 24.6 37.0

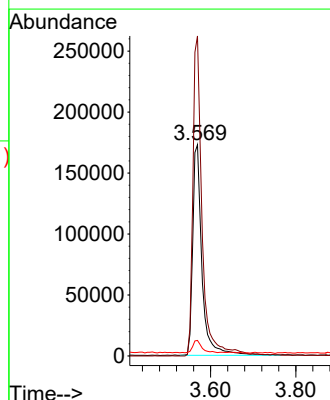
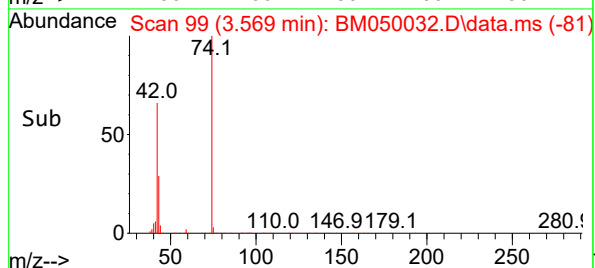
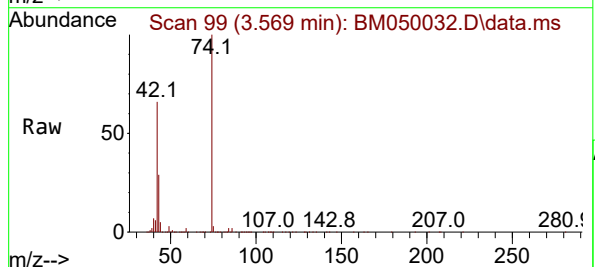
Manual Integrations
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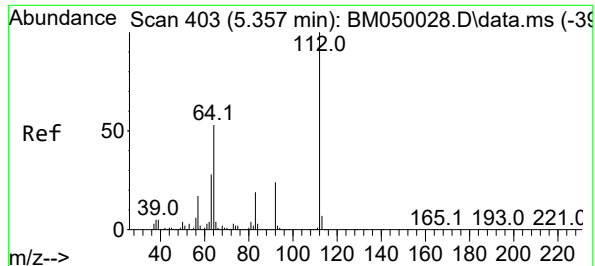
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951
Ion Ratio Lower Upper
42 100
74 151.5 120.2 180.2
44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 87.928 ng

RT: 5.357 min Scan# 403

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:112 Resp: 115555

Ion Ratio Lower Upper

112 100

64 52.4 42.6 64.0

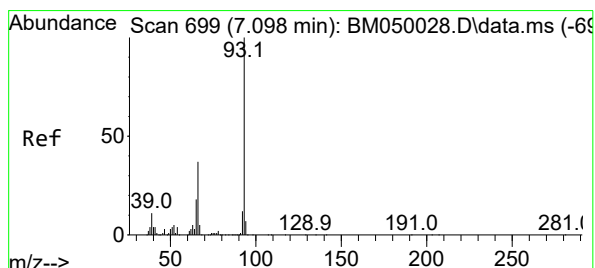
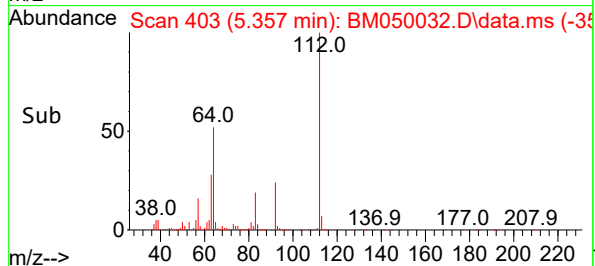
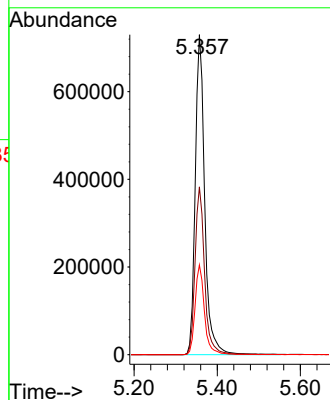
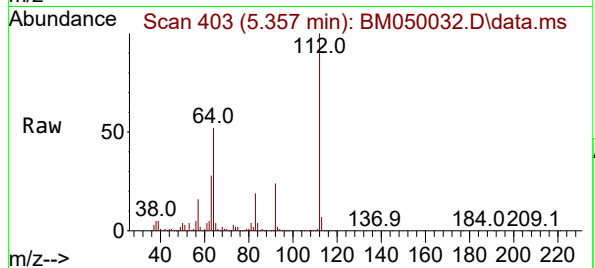
63 28.0 22.2 33.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#6

Aniline

Concen: 46.744 ng

RT: 7.098 min Scan# 699

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

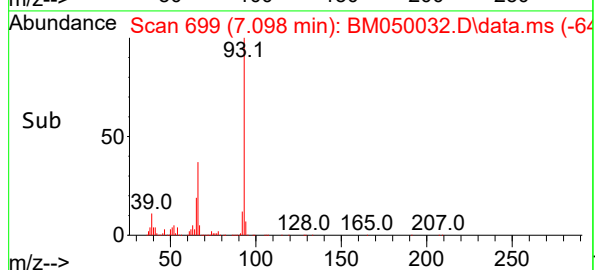
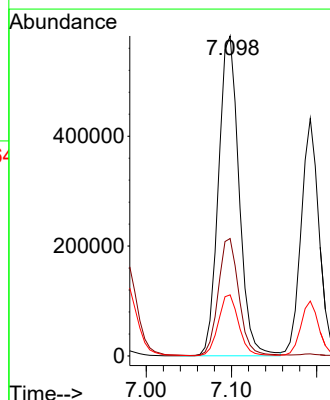
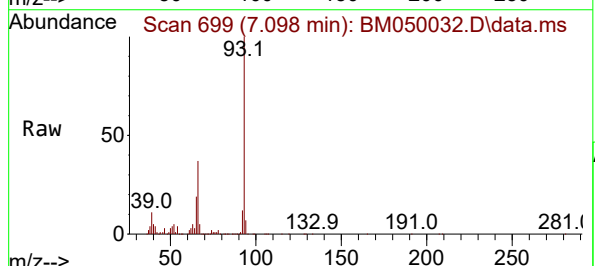
Tgt Ion: 93 Resp: 974989

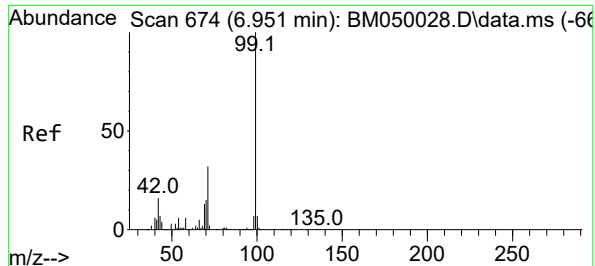
Ion Ratio Lower Upper

93 100

66 36.7 29.9 44.9

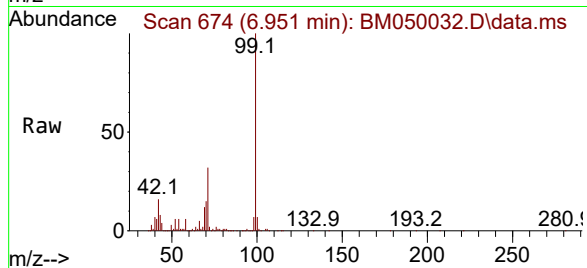
65 19.1 14.5 21.7





#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 674
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

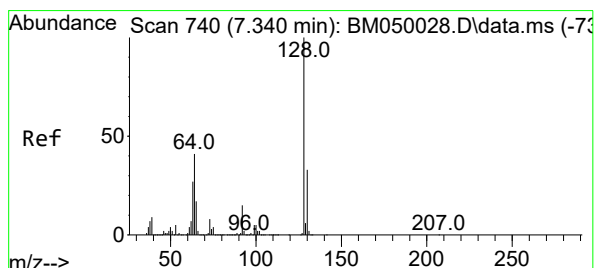
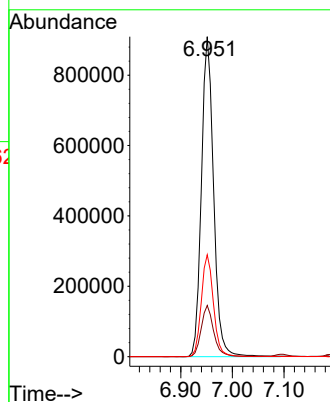
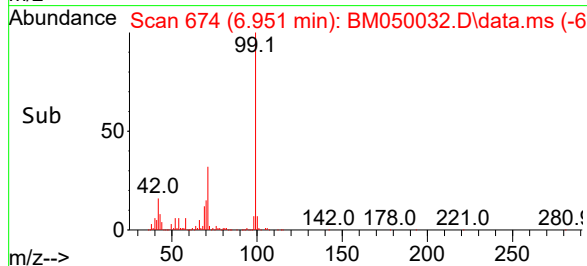
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 99 Resp: 1488919
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 31.9 25.6 38.4

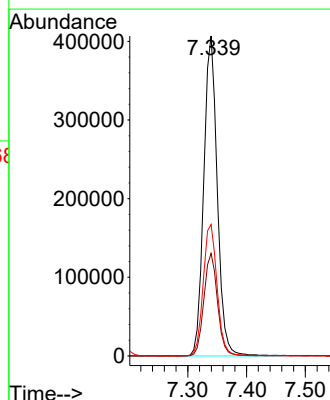
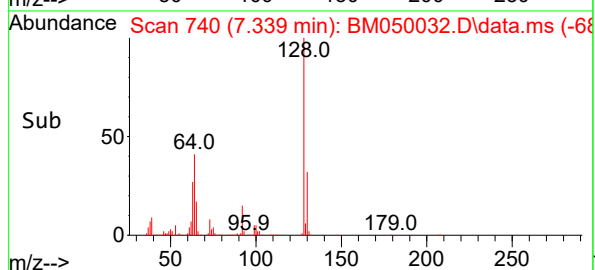
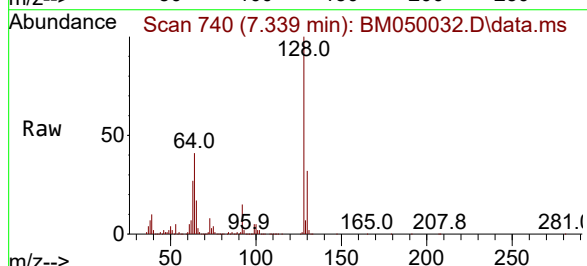
Manual Integrations
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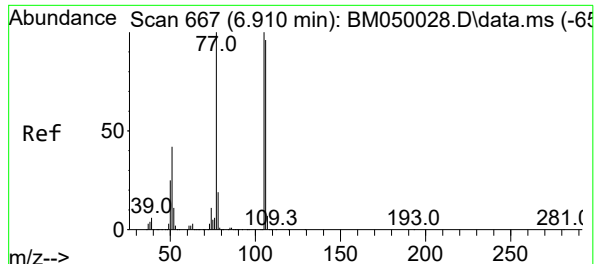
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

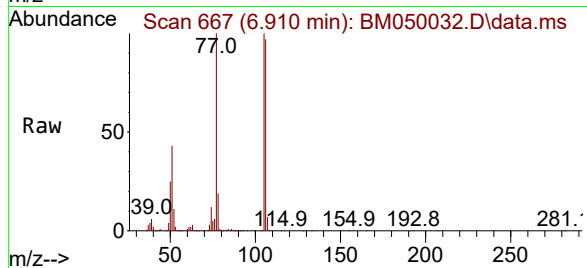
Tgt Ion:128 Resp: 649705
Ion Ratio Lower Upper
128 100
130 32.0 12.8 52.8
64 41.1 21.2 61.2





#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

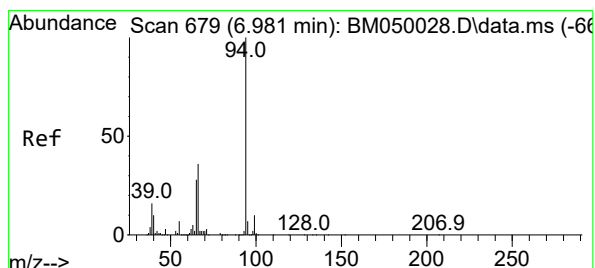
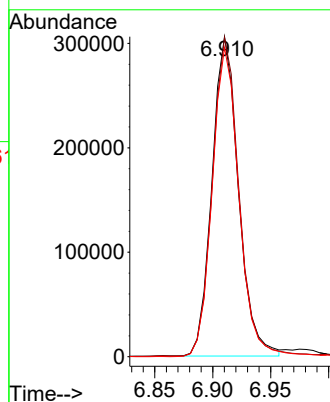
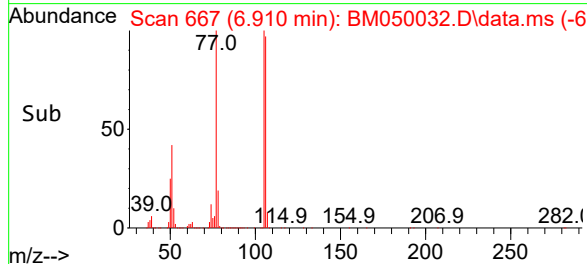
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 48567
Ion Ratio Lower Upper
77 100
105 99.8 80.5 120.5
106 96.6 76.1 116.1

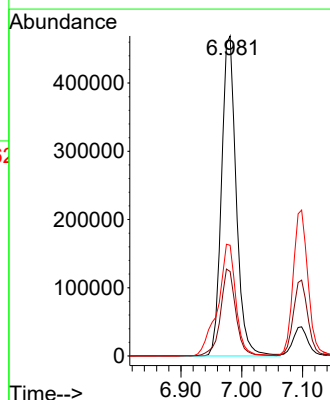
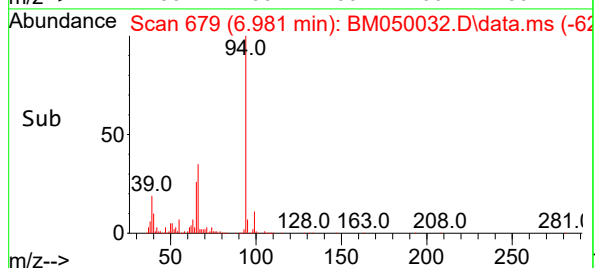
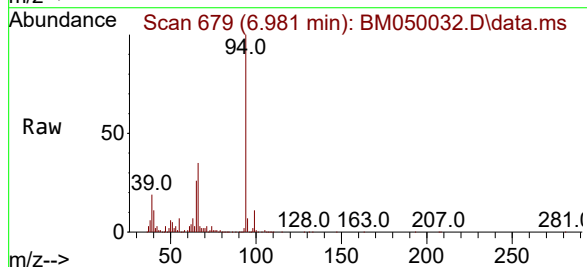
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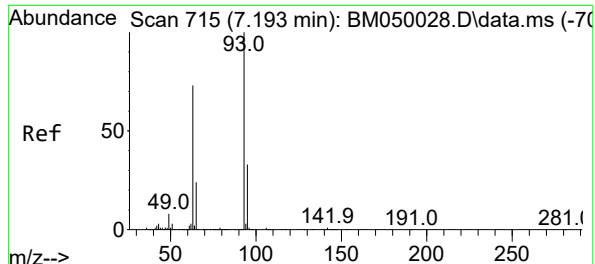
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469
Ion Ratio Lower Upper
94 100
65 26.4 7.6 47.6
66 34.6 15.8 55.8





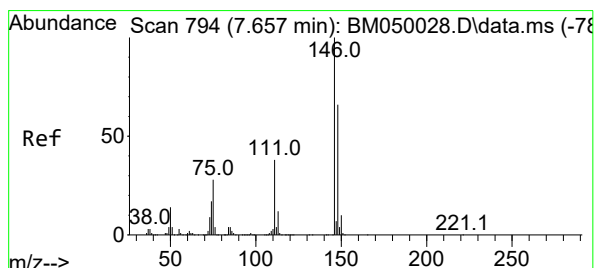
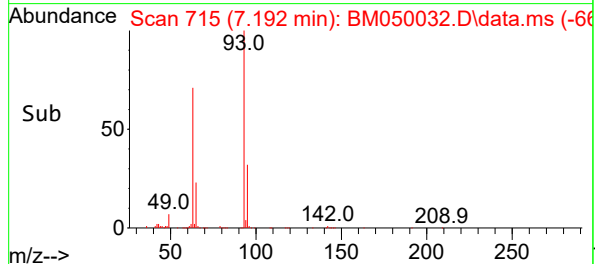
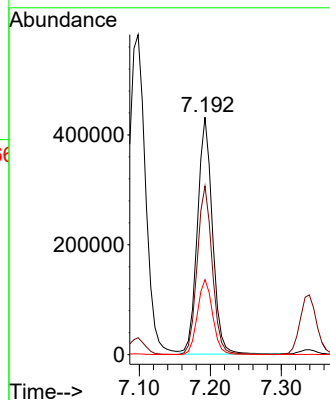
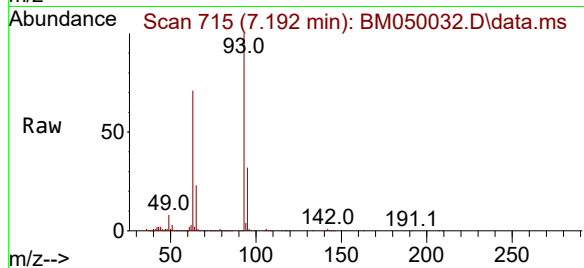
#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Tgt Ion: 93 Resp: 63560
Ion Ratio Lower Upper
93 100
63 71.0 52.3 92.3
95 31.6 12.8 52.8

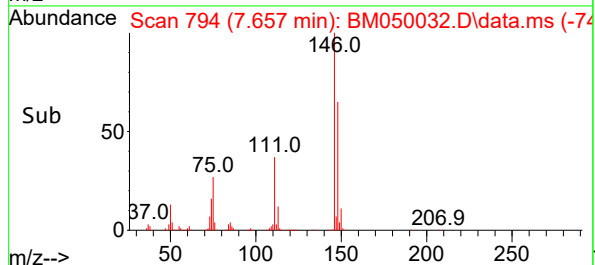
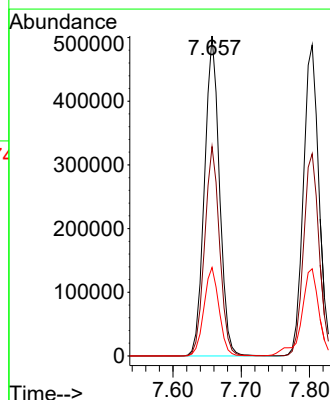
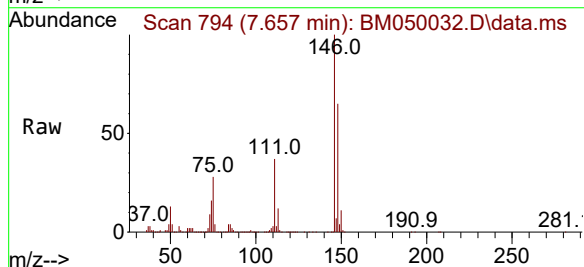
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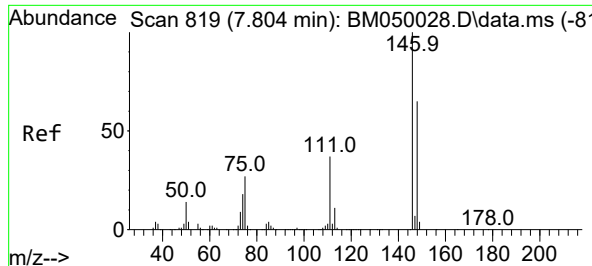
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772
Ion Ratio Lower Upper
146 100
148 65.4 52.5 78.7
75 27.6 22.6 34.0





#13

1,4-Dichlorobenzene

Concen: 44.941 ng

RT: 7.804 min Scan# 819

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

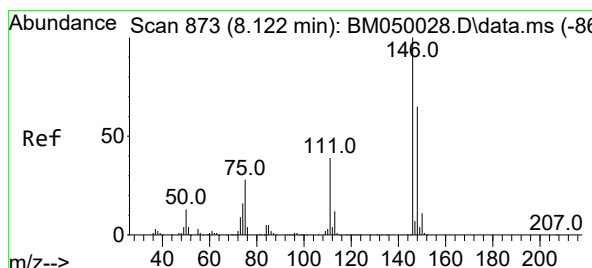
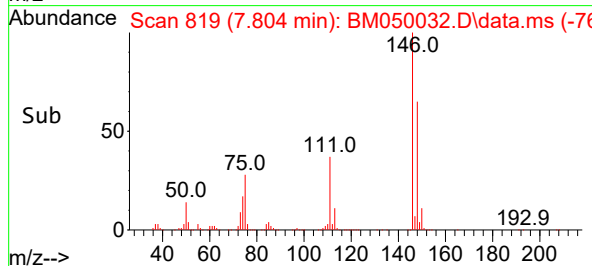
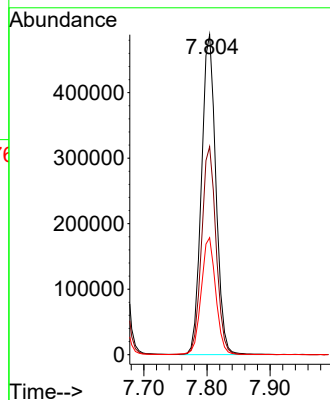
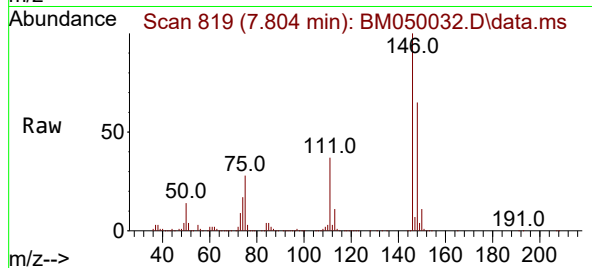
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/29/2025



#14

1,2-Dichlorobenzene

Concen: 45.174 ng

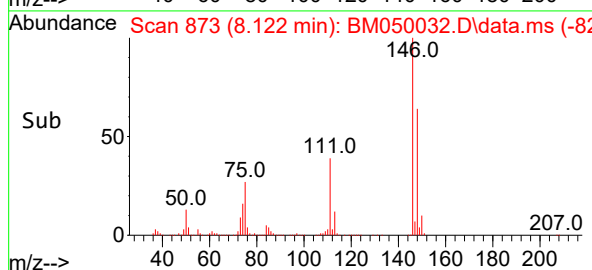
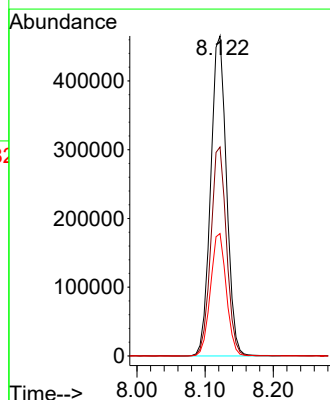
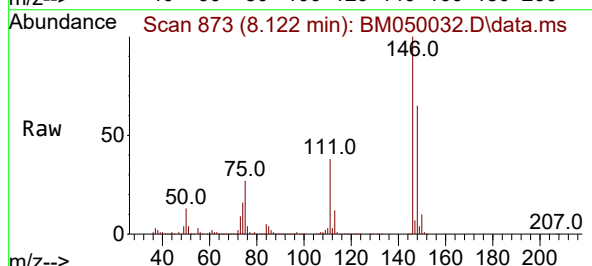
RT: 8.122 min Scan# 873

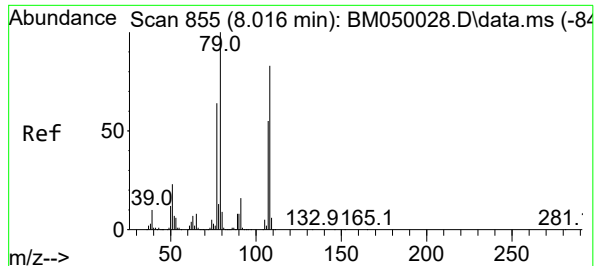
Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15

Benzyl Alcohol

Concen: 48.167 ng

RT: 8.016 min Scan# 8

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 79 Resp: 55175

Ion Ratio Lower Upper

79 100

108 79.4 66.0 99.0

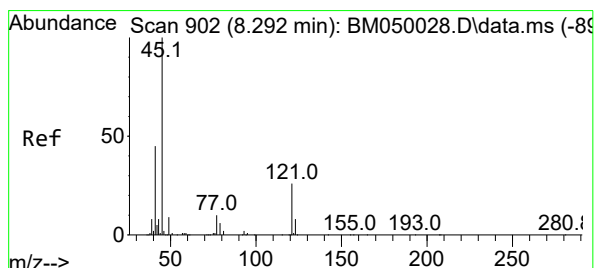
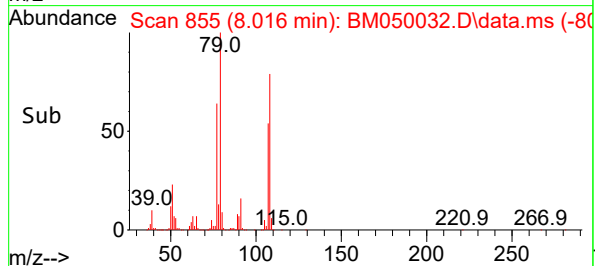
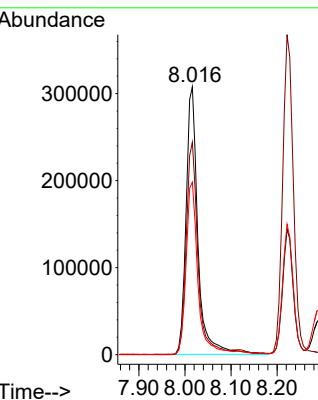
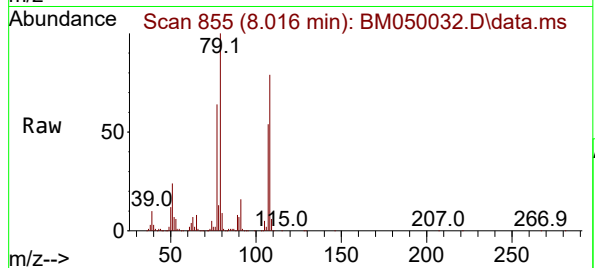
77 64.4 51.6 77.4

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.929 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

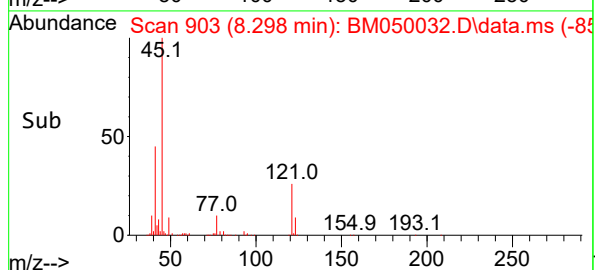
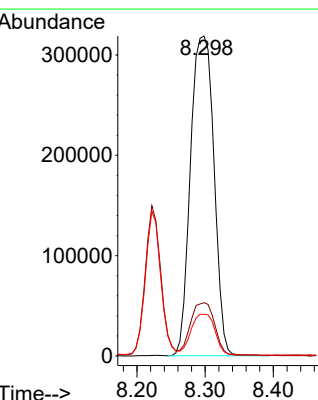
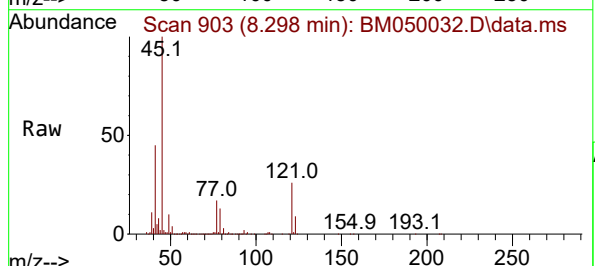
Tgt Ion: 45 Resp: 762583

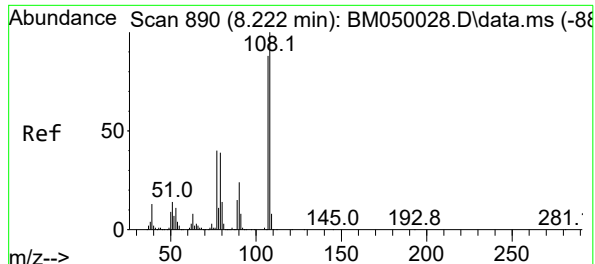
Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.4

79 13.0 0.0 32.7





#17

2-Methylphenol

Concen: 47.153 ng

RT: 8.222 min Scan# 890

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:107 Resp: 519420

Ion Ratio Lower Upper

107 100

108 114.1 91.1 136.7

77 46.5 36.2 54.4

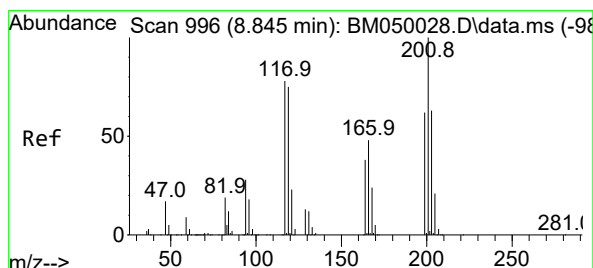
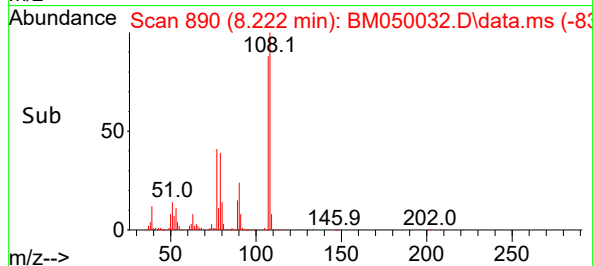
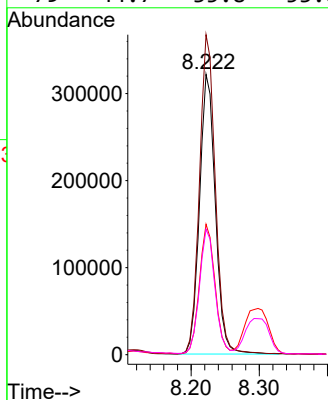
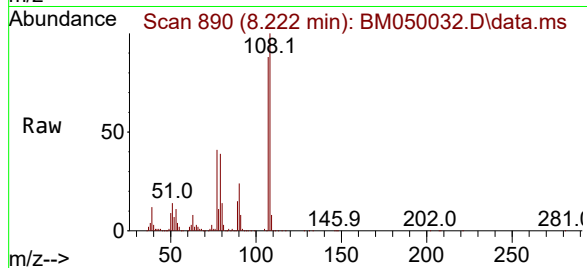
79 44.7 35.8 53.8

Manual Integrations

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Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#18

Hexachloroethane

Concen: 44.738 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

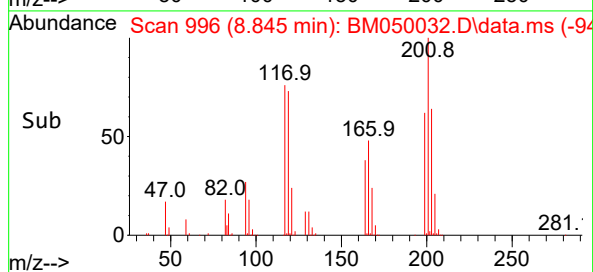
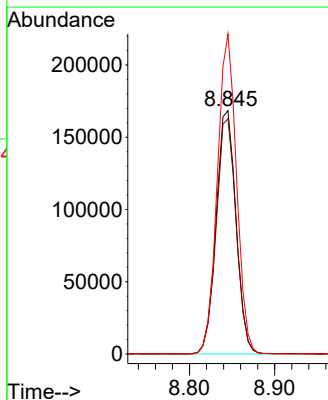
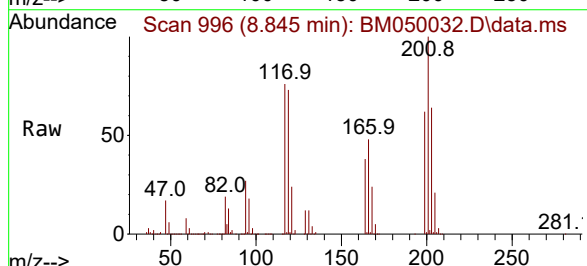
Tgt Ion:117 Resp: 274239

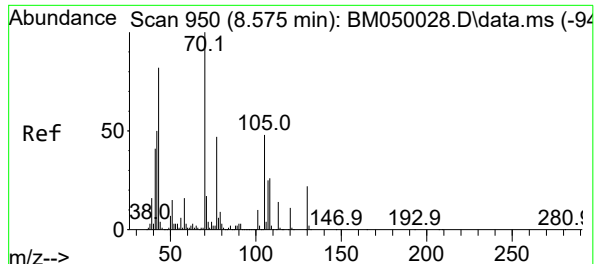
Ion Ratio Lower Upper

117 100

119 96.5 77.3 115.9

201 131.4 102.8 154.2





#19

n-Nitroso-di-n-propylamine

Concen: 47.892 ng

RT: 8.575 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion: 70 Resp: 507362

Ion Ratio Lower Upper

70 100

42 49.7 40.5 60.7

101 9.7 7.8 11.6

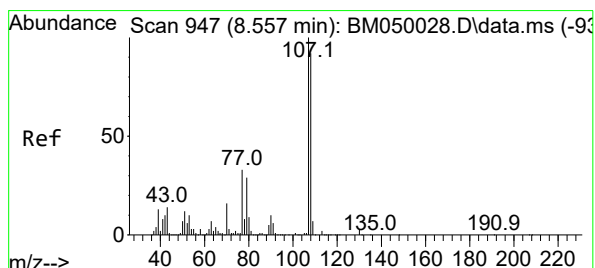
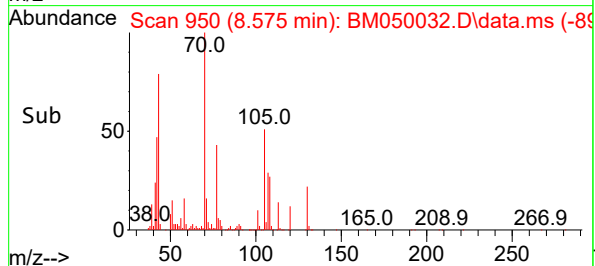
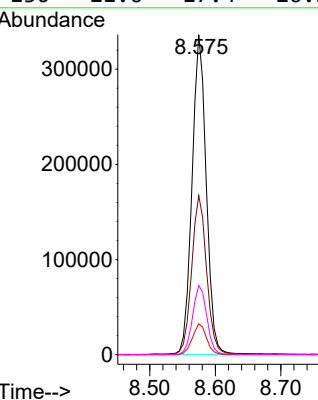
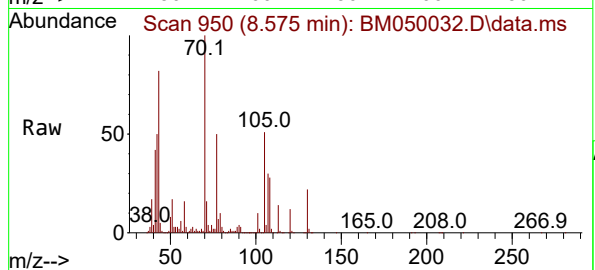
130 21.6 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#20

3+4-Methylphenols

Concen: 47.974 ng

RT: 8.551 min Scan# 946

Delta R.T. -0.006 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 713683

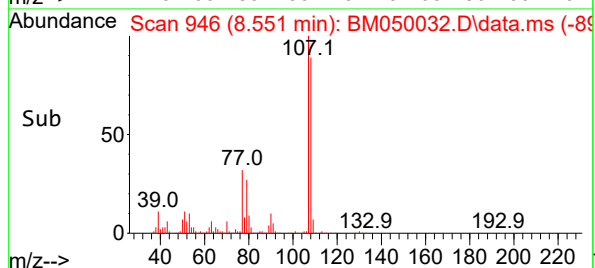
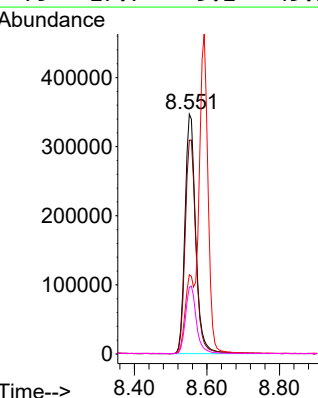
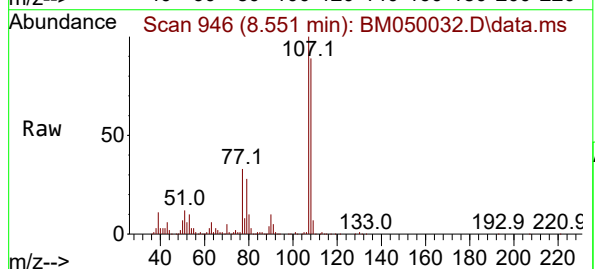
Ion Ratio Lower Upper

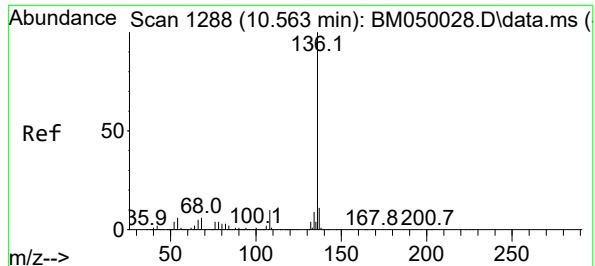
107 100

108 89.1 72.4 112.4

77 33.0 13.6 53.6

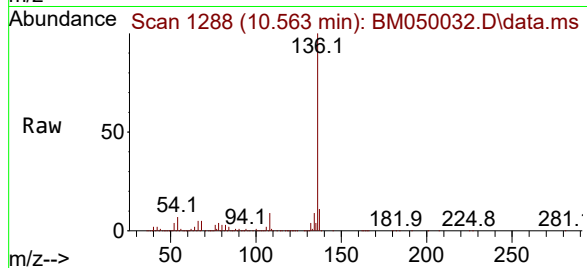
79 27.7 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

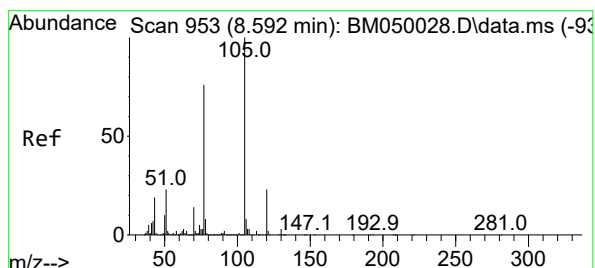
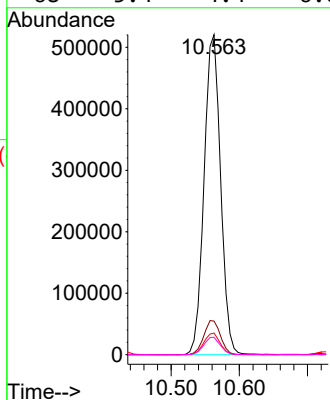
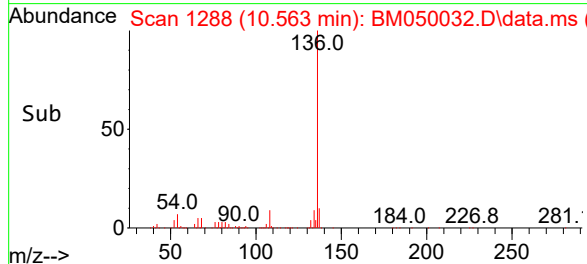
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:136 Resp: 877692
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 6.7 5.1 7.7
68 5.4 4.4 6.6

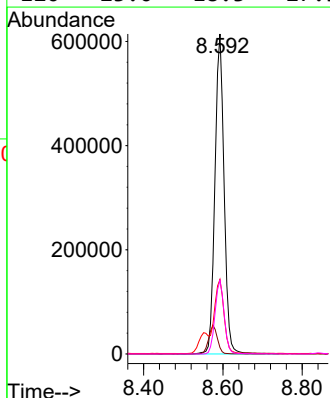
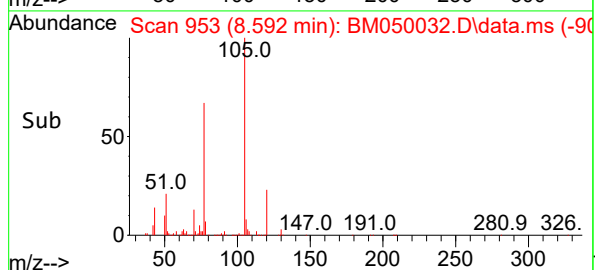
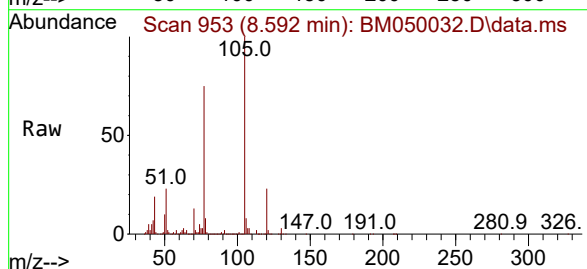
Manual Integrations
APPROVED

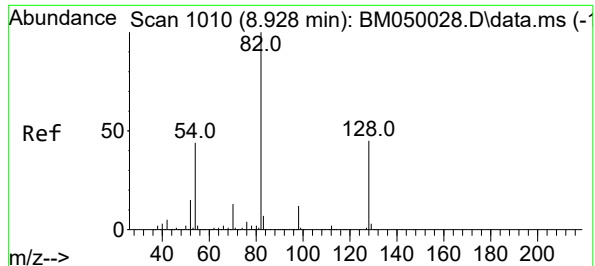
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275
Ion Ratio Lower Upper
105 100
71 2.0 1.7 2.5
51 23.3 18.6 27.8
120 23.0 18.3 27.5





#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

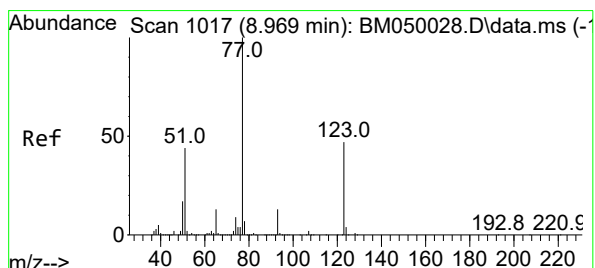
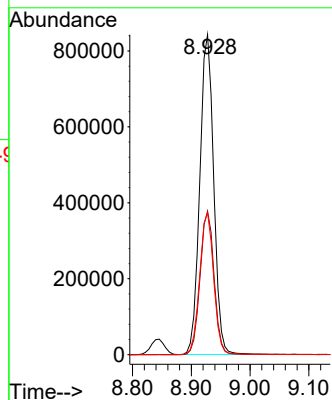
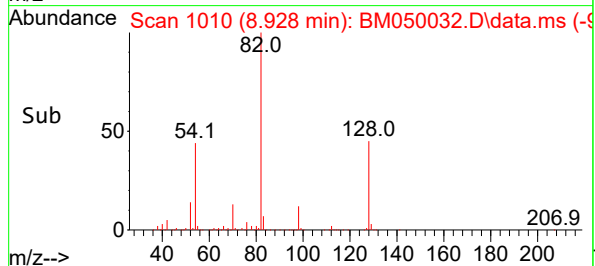
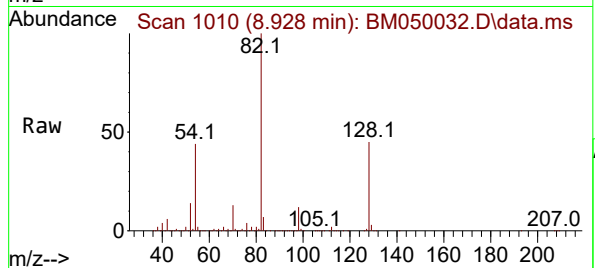
ClientSampleId :

ICVBM042825

Tgt Ion: 82 Resp: 138570
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 44.4 35.4 53.2

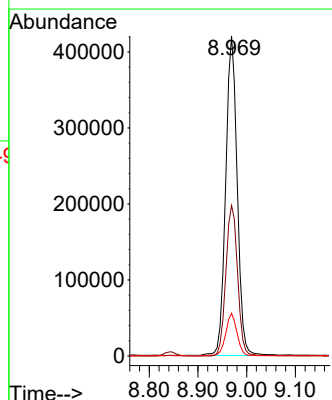
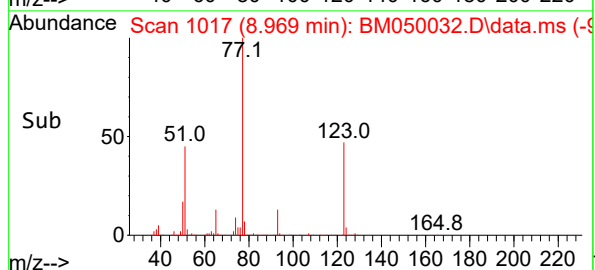
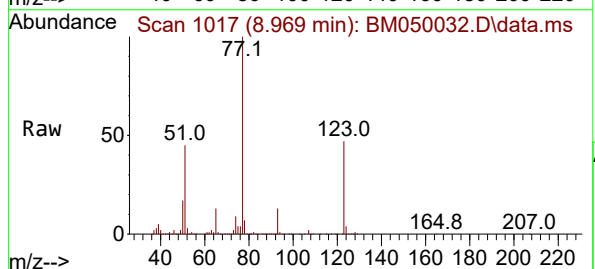
Manual Integrations
APPROVED

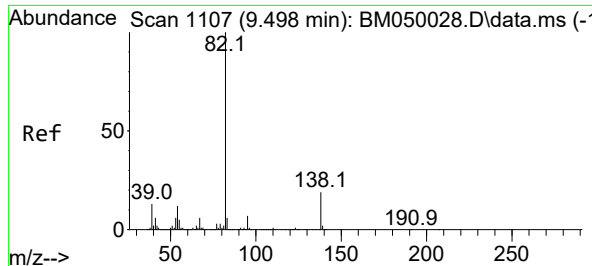
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

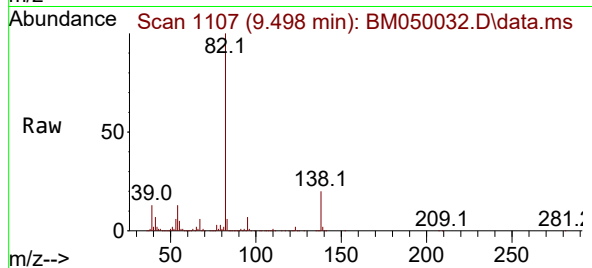
Tgt Ion: 77 Resp: 694640
Ion Ratio Lower Upper
77 100
123 47.1 37.9 56.9
65 13.3 10.1 15.1





#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

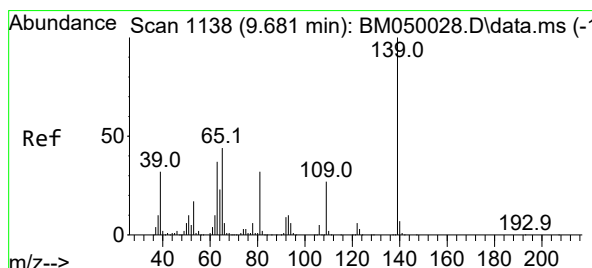
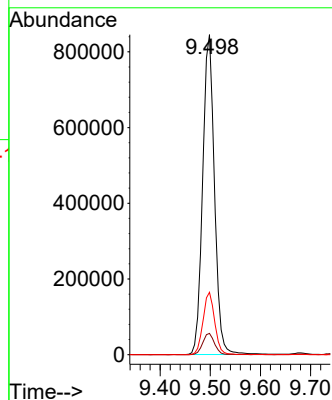
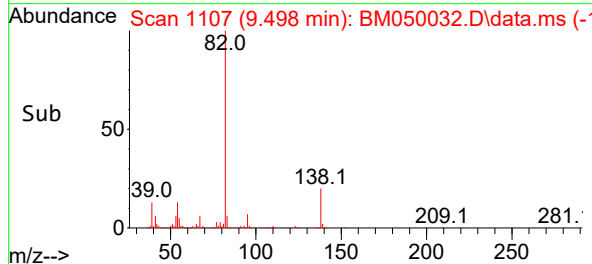
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 82 Resp: 1384372
Ion Ratio Lower Upper
82 100
95 6.6 5.7 8.5
138 19.5 15.5 23.3

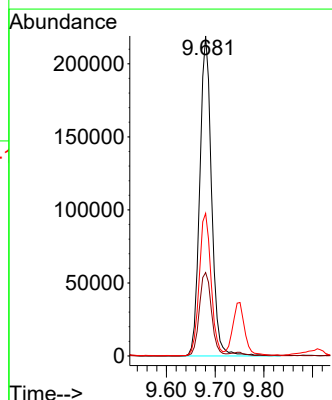
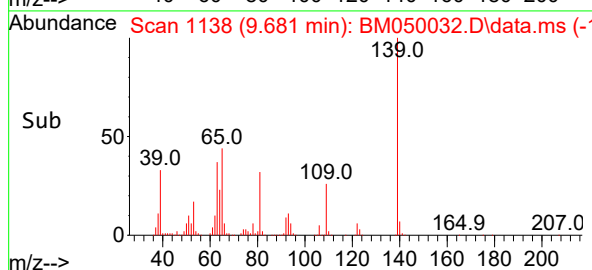
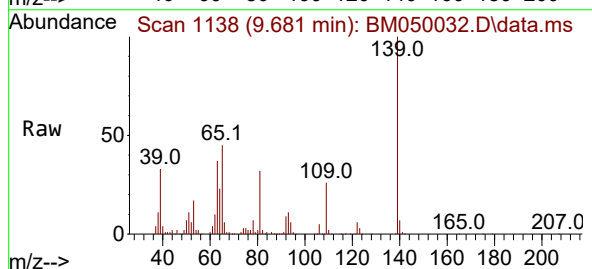
Manual Integrations
APPROVED

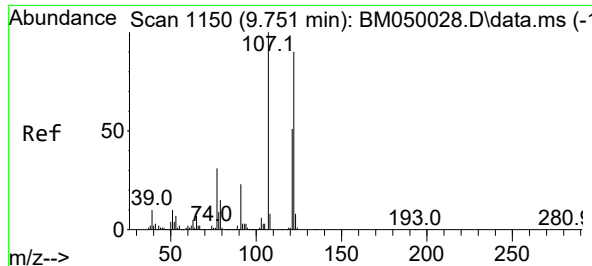
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

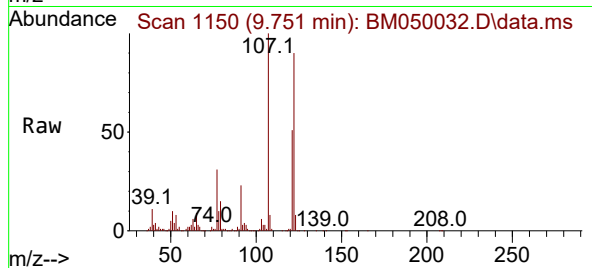
Tgt Ion:139 Resp: 370477
Ion Ratio Lower Upper
139 100
109 26.1 21.9 32.9
65 44.5 35.4 53.2





#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

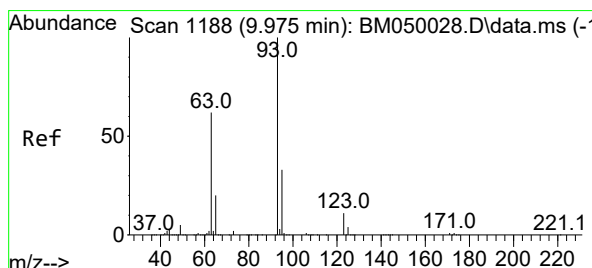
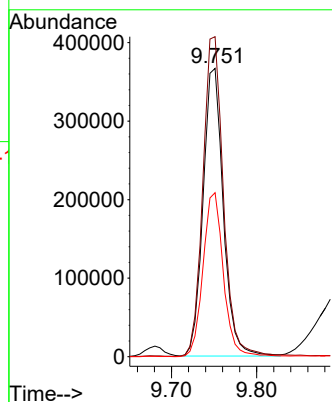
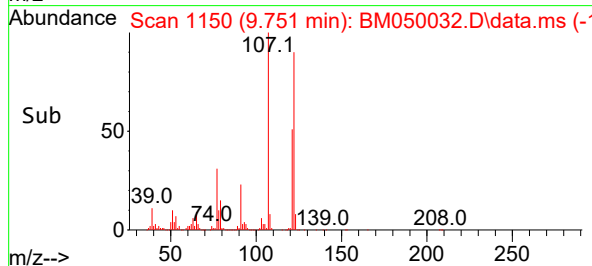
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:122 Resp: 605475
Ion Ratio Lower Upper
122 100
107 111.0 89.0 133.6
121 56.9 45.6 68.4

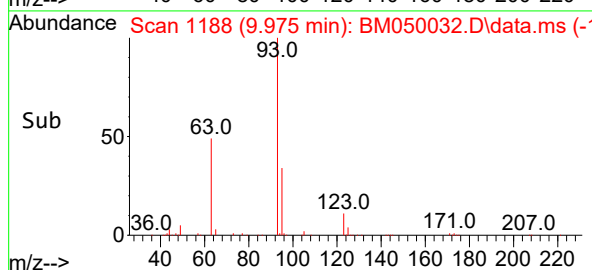
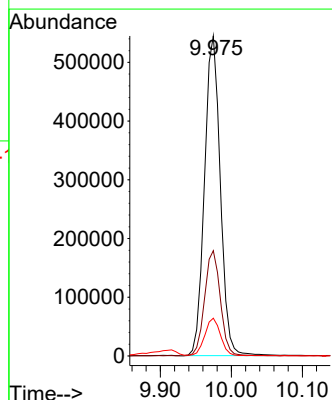
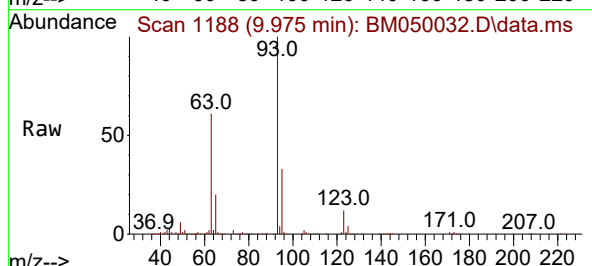
Manual Integrations
APPROVED

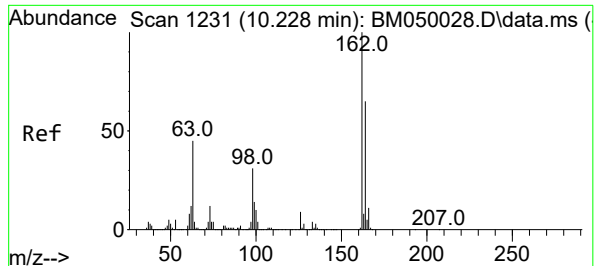
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

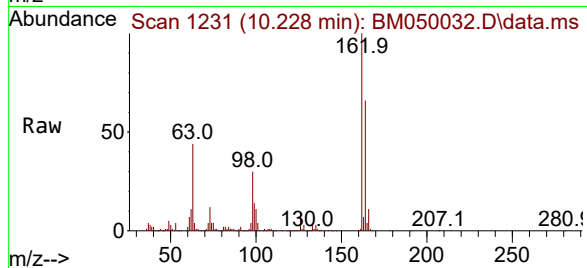
Tgt Ion: 93 Resp: 842968
Ion Ratio Lower Upper
93 100
95 32.9 26.1 39.1
123 11.8 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

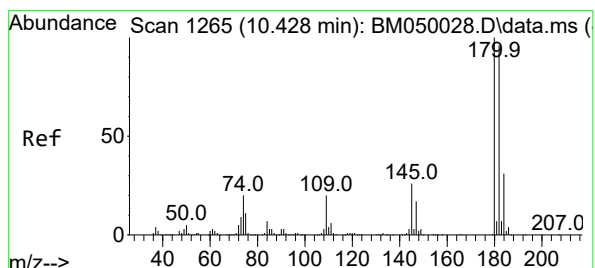
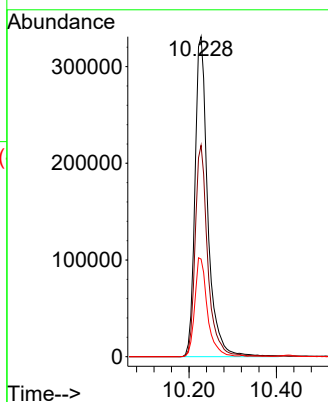
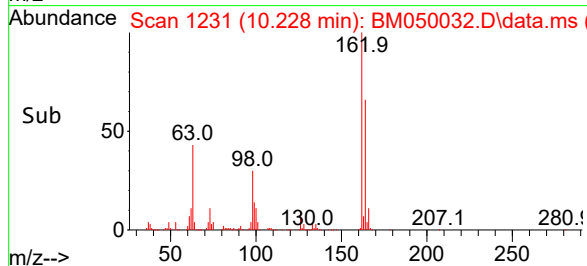
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



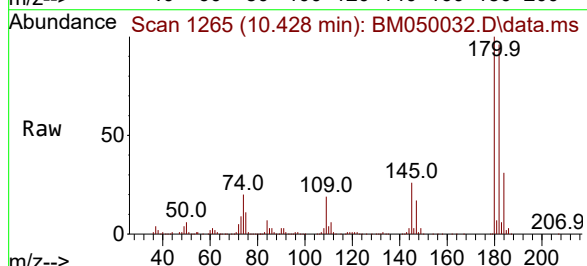
Tgt Ion:162 Resp: 677885
Ion Ratio Lower Upper
162 100
164 66.0 45.4 85.4
98 30.5 11.3 51.3

Manual Integrations
APPROVED

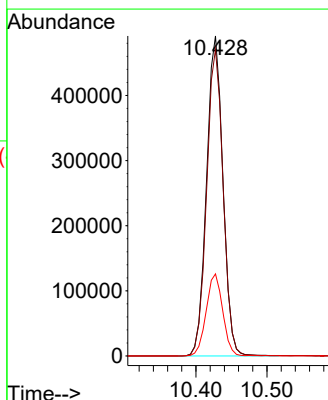
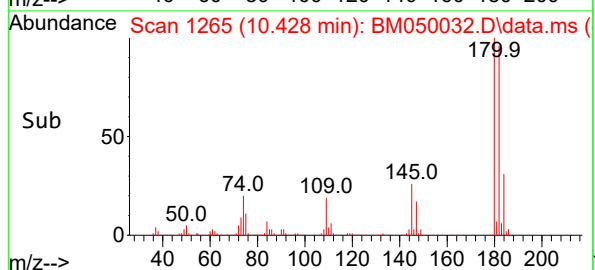
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

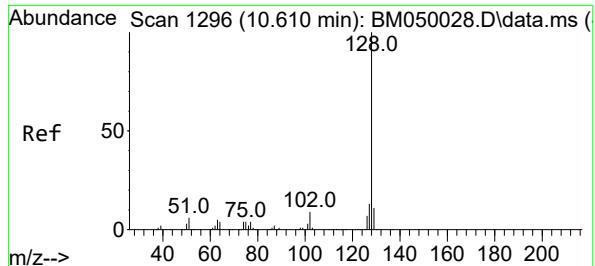


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



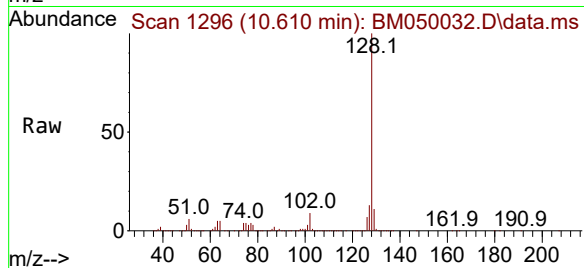
Tgt Ion:180 Resp: 789816
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.4
145 25.7 20.6 30.8





#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

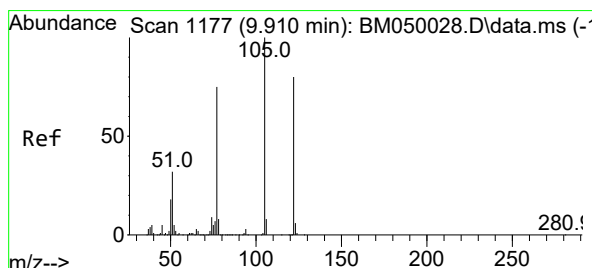
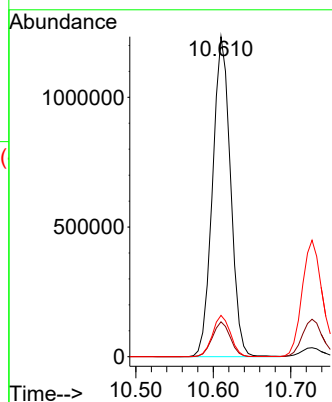
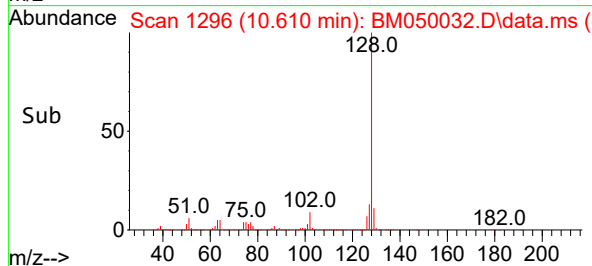
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:128 Resp: 1984698
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.4 15.6

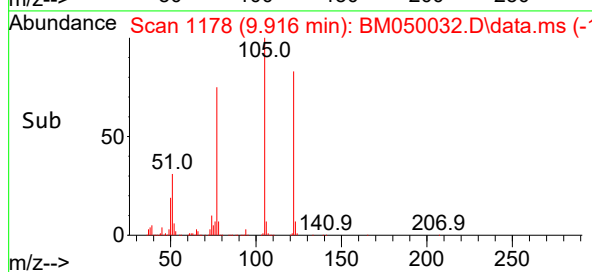
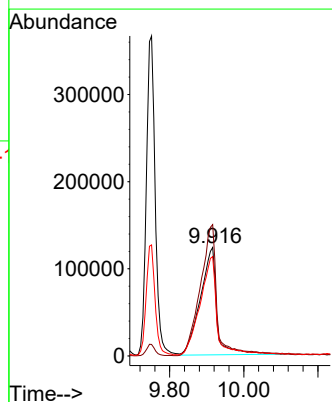
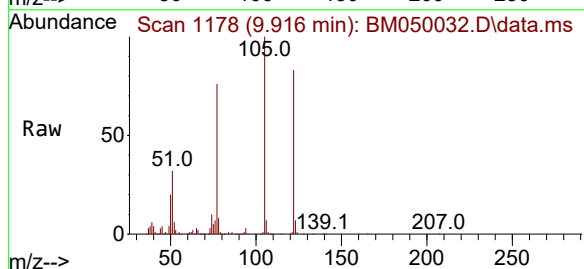
Manual Integrations
APPROVED

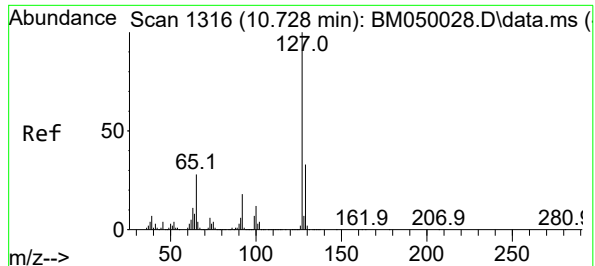
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

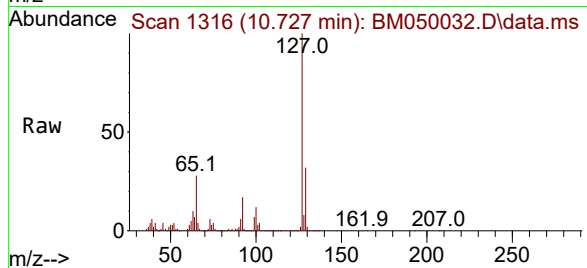
Tgt Ion:122 Resp: 384400
Ion Ratio Lower Upper
122 100
105 121.1 103.6 143.6
77 91.7 73.7 113.7





#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

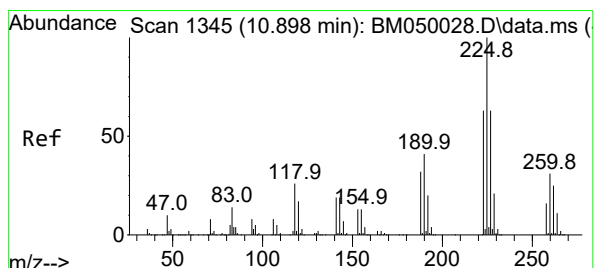
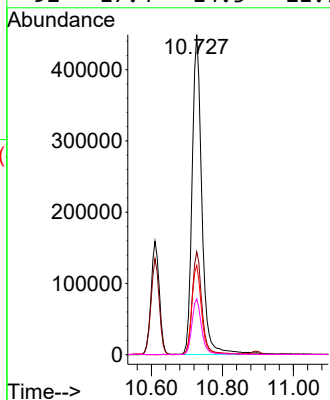
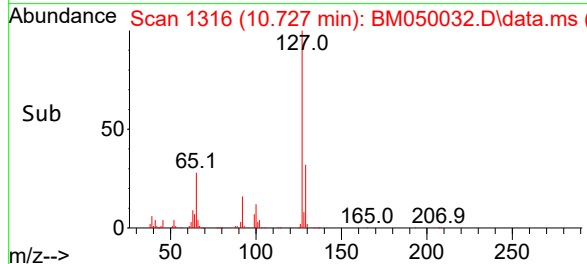
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



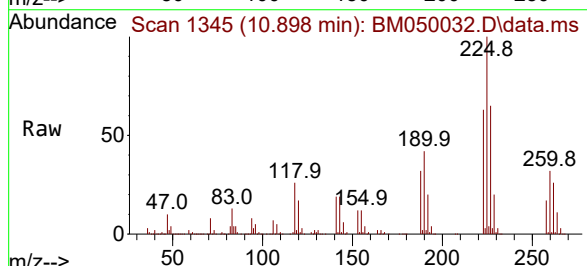
Tgt Ion:127 Resp: 86311
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 27.9 22.5 33.7
92 17.4 14.5 21.7

Manual Integrations
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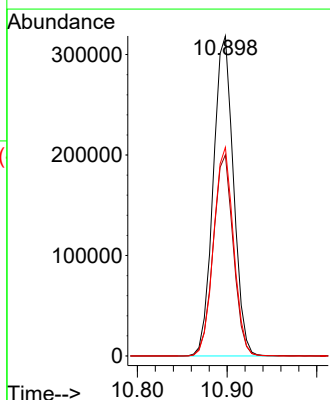
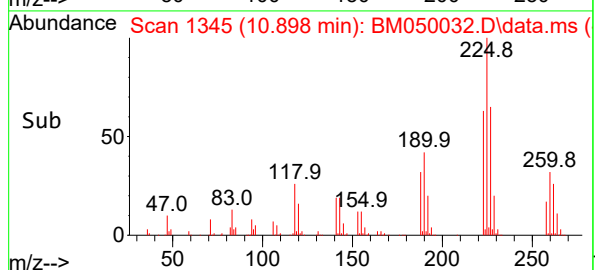
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

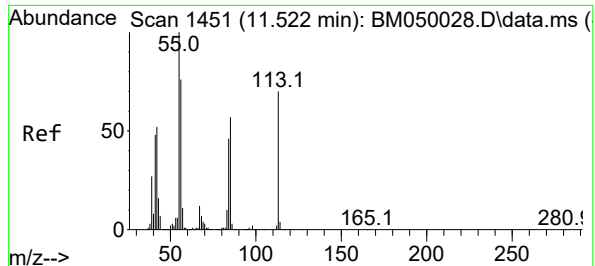


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



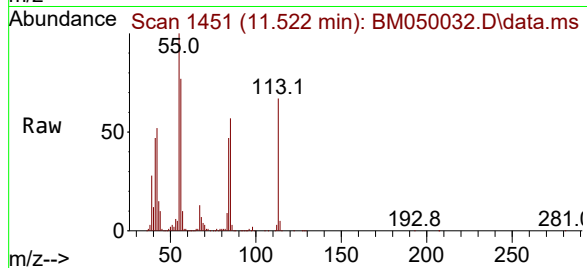
Tgt Ion:225 Resp: 497792
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.2
227 65.2 50.6 76.0





#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

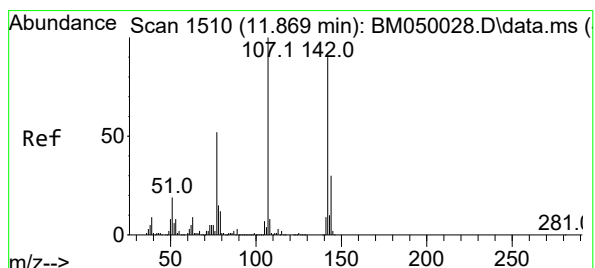
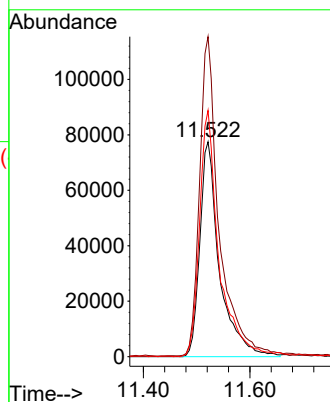
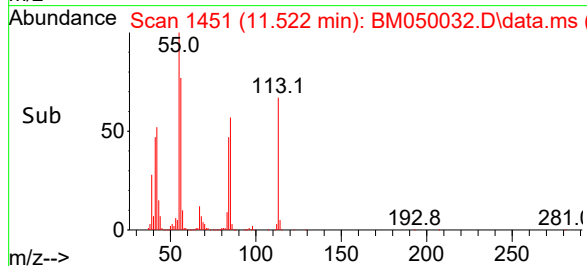
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:113 Resp: 198108
Ion Ratio Lower Upper
113 100
55 148.9 122.9 162.9
56 114.6 88.1 128.1

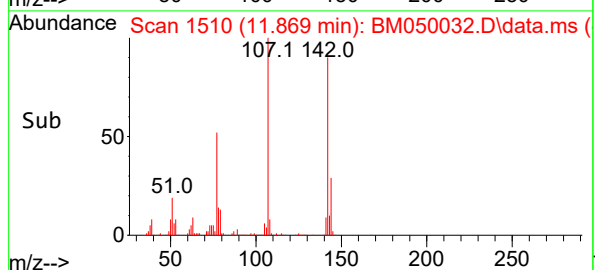
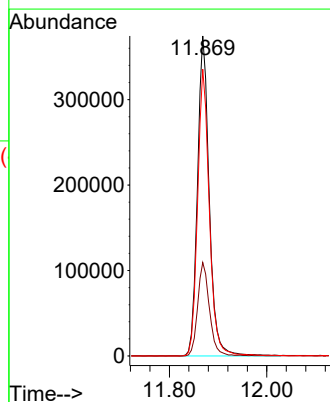
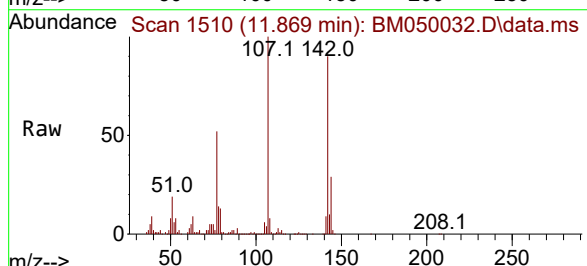
Manual Integrations
APPROVED

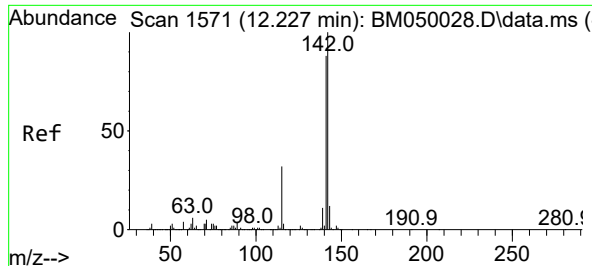
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

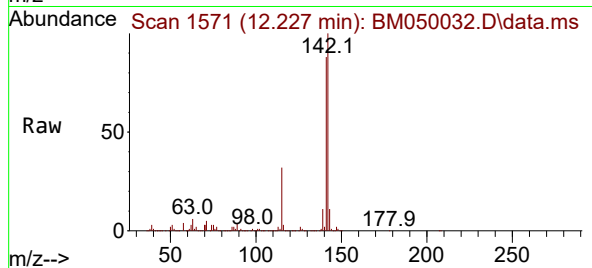
Tgt Ion:107 Resp: 632365
Ion Ratio Lower Upper
107 100
144 29.2 23.8 35.6
142 89.6 71.9 107.9





#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

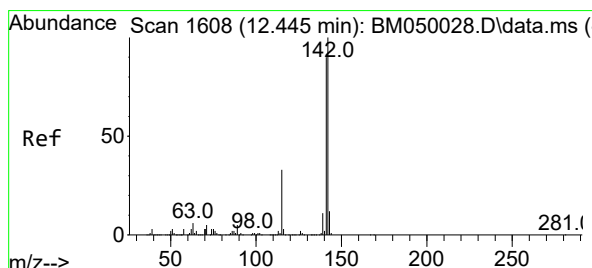
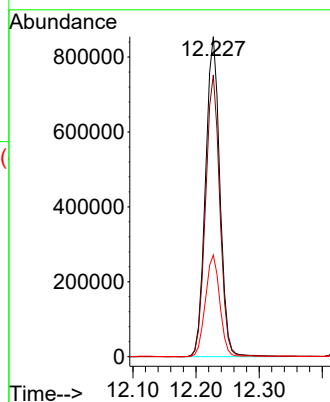
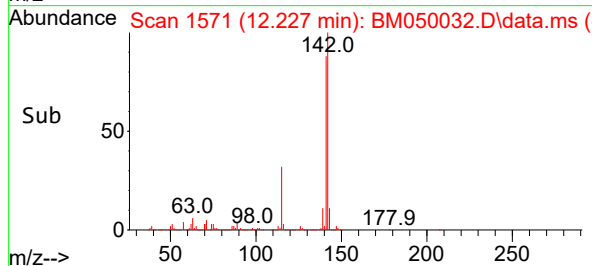
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:142 Resp: 1352170
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 31.8 25.4 38.2

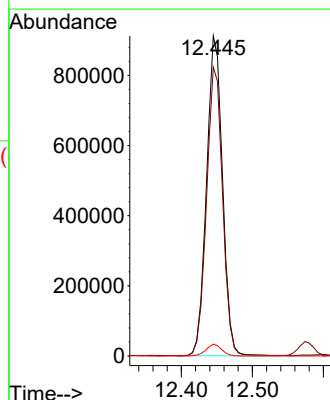
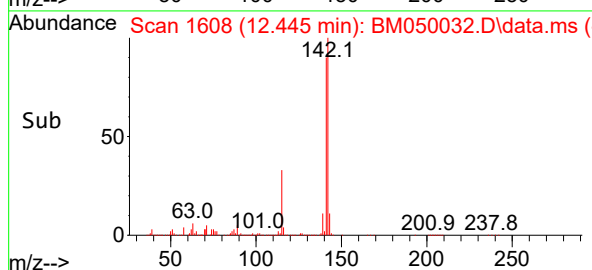
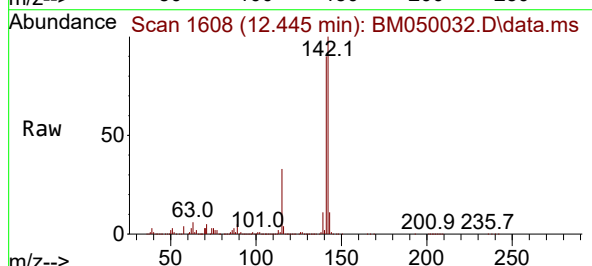
Manual Integrations
APPROVED

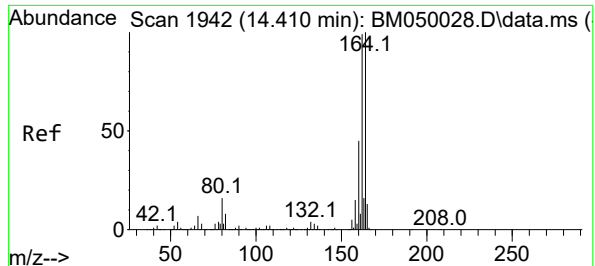
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 1425407
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BM050032.D

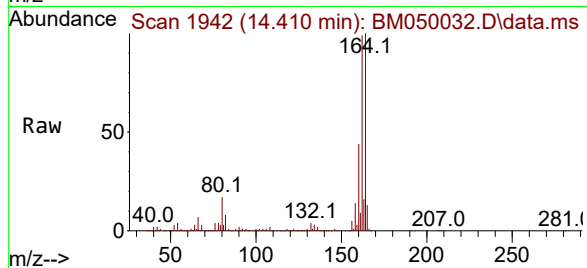
Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825



Tgt Ion:164 Resp: 605832

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.0

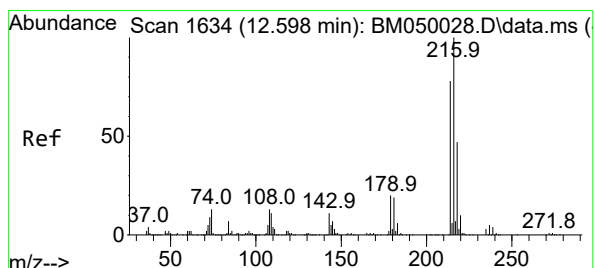
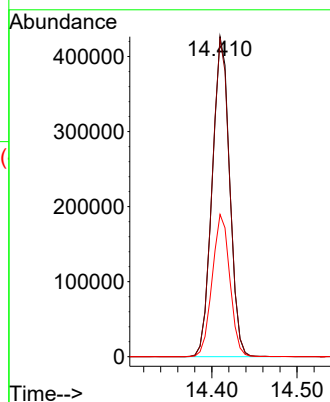
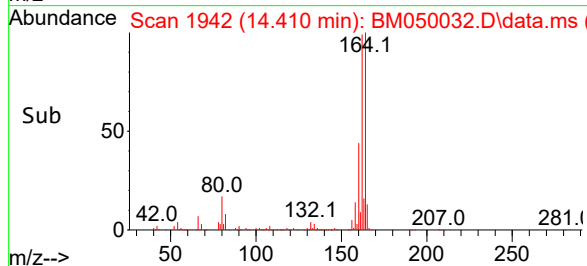
160 44.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#40

1,2,4,5-Tetrachlorobenzene

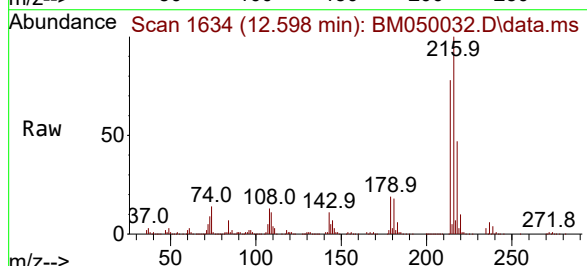
Concen: 44.140 ng

RT: 12.598 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43



Tgt Ion:216 Resp: 925725

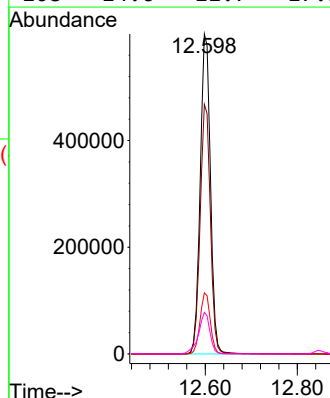
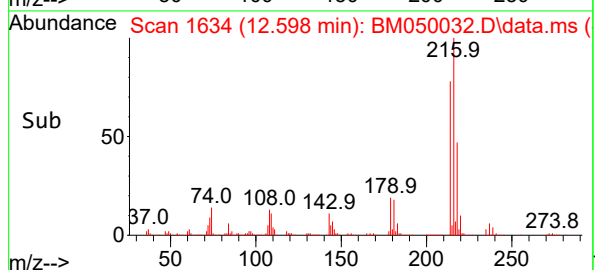
Ion Ratio Lower Upper

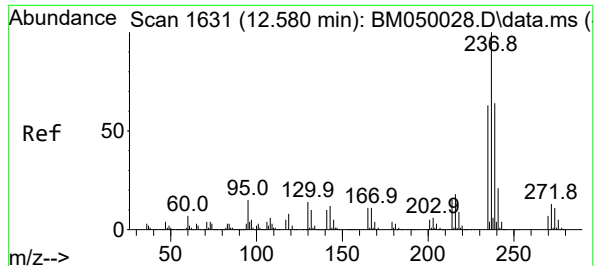
216 100

214 78.3 62.3 93.5

179 19.1 15.4 23.0

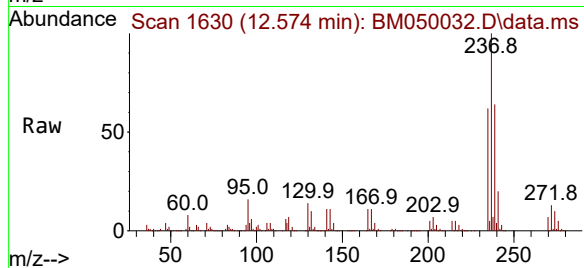
108 14.6 11.7 17.5





#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

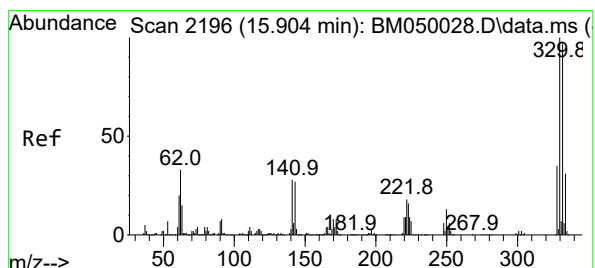
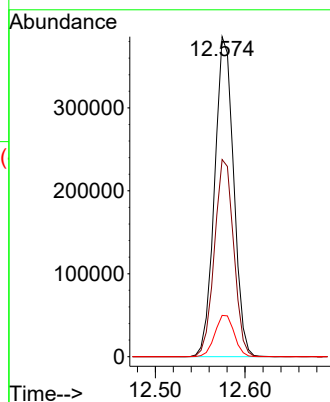
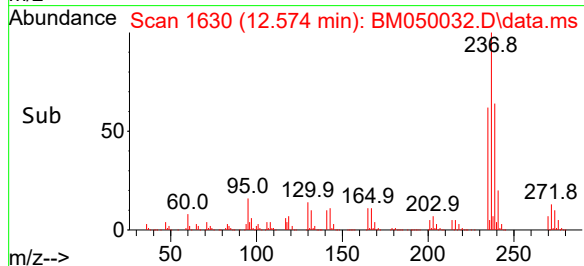
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:237 Resp: 56871
Ion Ratio Lower Upper
237 100
235 61.6 42.9 82.9
272 12.9 0.0 32.9

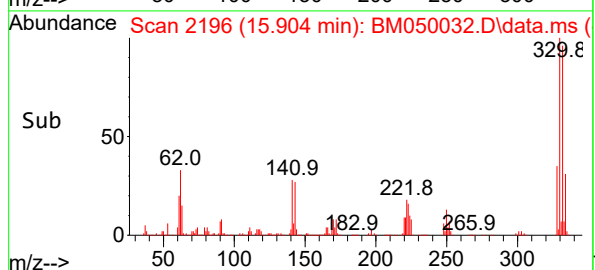
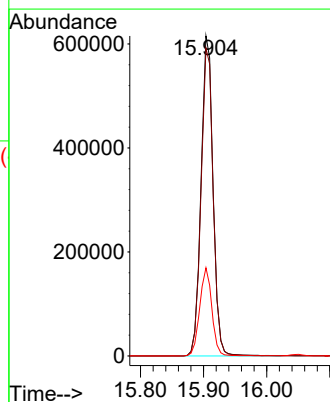
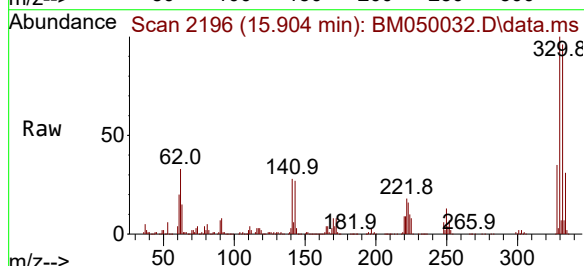
Manual Integrations
APPROVED

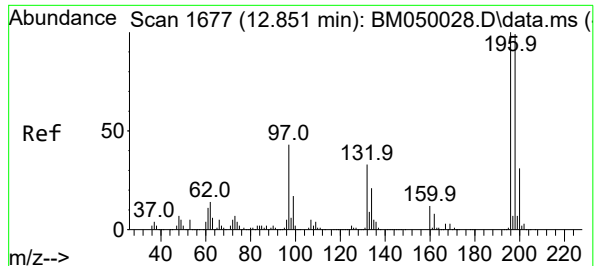
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.0 22.5 33.7





#43

2,4,6-Trichlorophenol

Concen: 46.094 ng

RT: 12.851 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:196 Resp: 61314

Ion Ratio Lower Upper

196 100

198 95.9 79.0 118.6

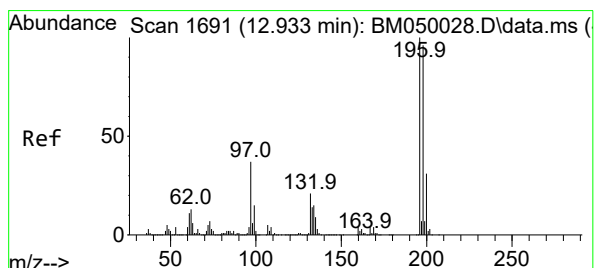
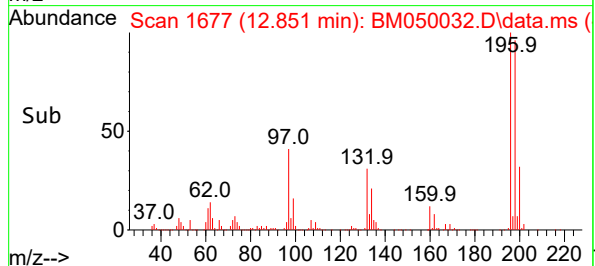
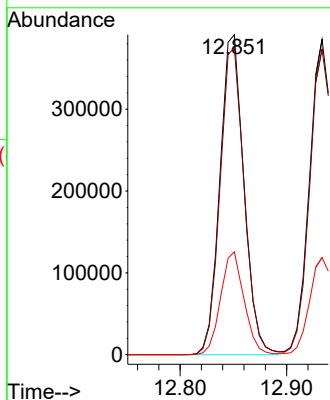
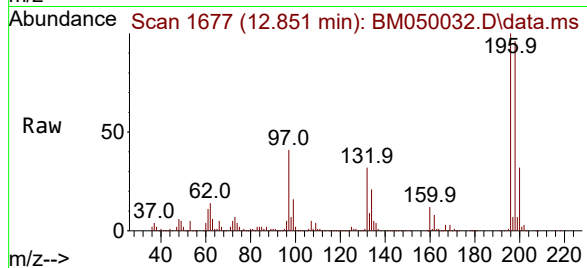
200 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#44

2,4,5-Trichlorophenol

Concen: 46.271 ng

RT: 12.933 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718

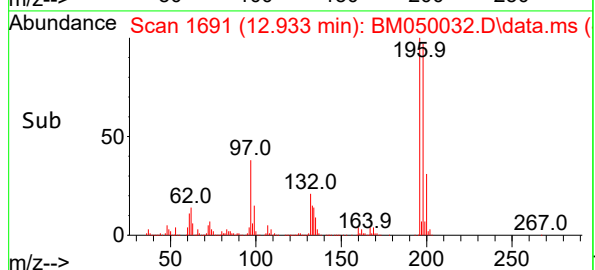
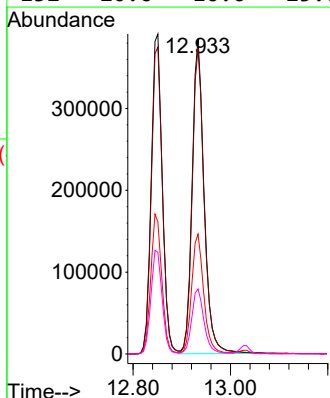
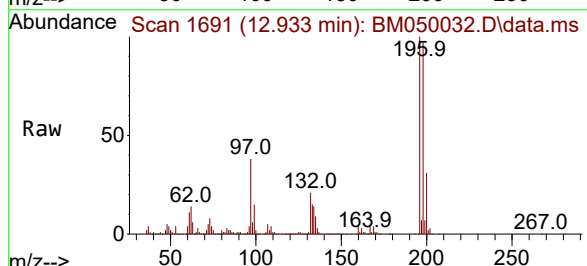
Ion Ratio Lower Upper

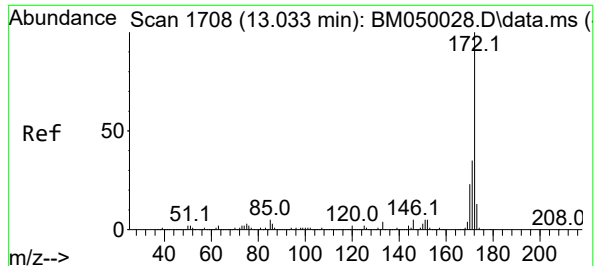
196 100

198 96.9 76.7 115.1

97 38.0 30.1 45.1

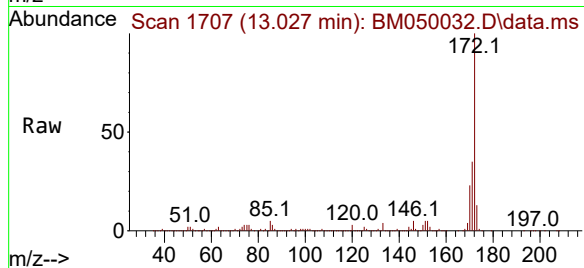
132 20.6 16.6 25.0





#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

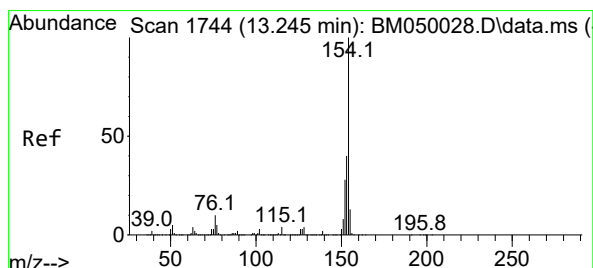
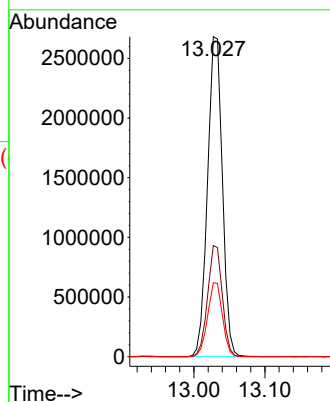
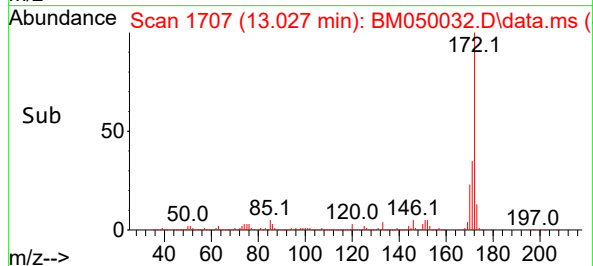
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:172 Resp: 390538
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.1 18.6 28.0

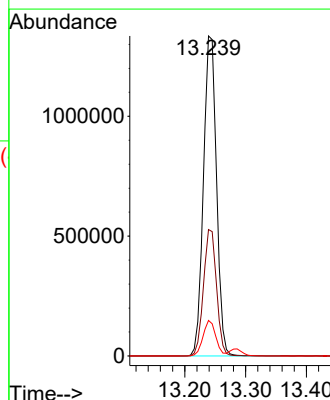
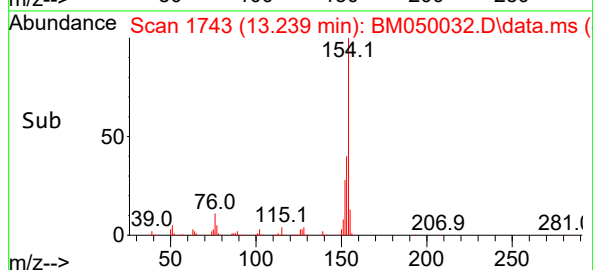
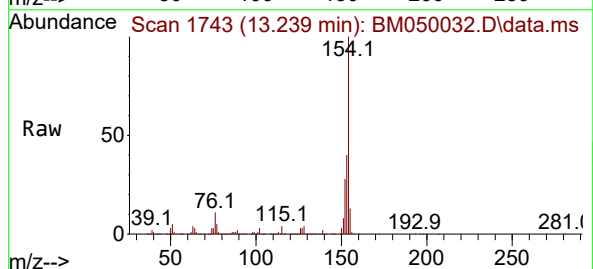
Manual Integrations
APPROVED

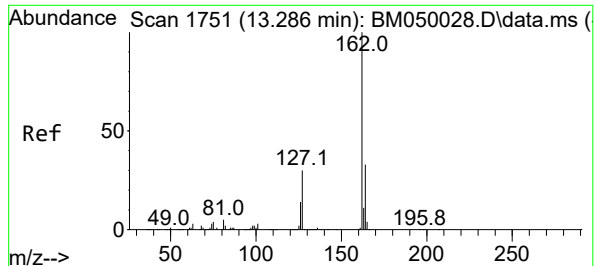
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

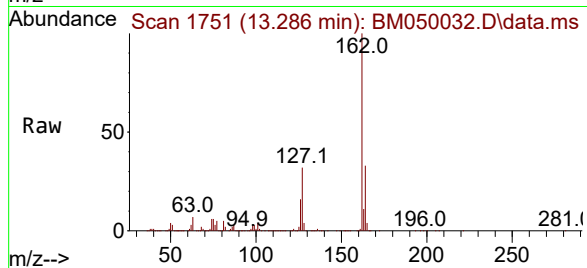
Tgt Ion:154 Resp: 1990852
Ion Ratio Lower Upper
154 100
153 39.5 20.0 60.0
76 11.1 0.0 30.3





#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

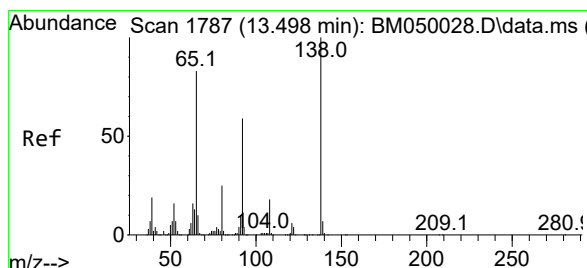
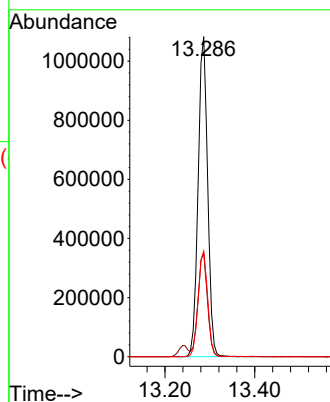
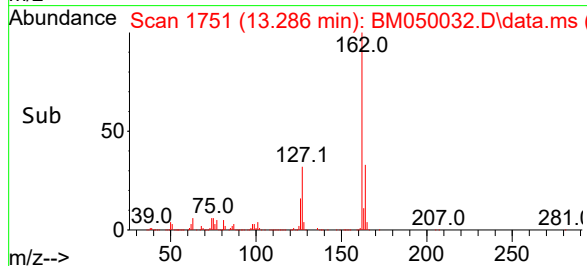
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:162 Resp: 1593769
Ion Ratio Lower Upper
162 100
127 32.2 25.9 38.9
164 33.0 26.6 40.0

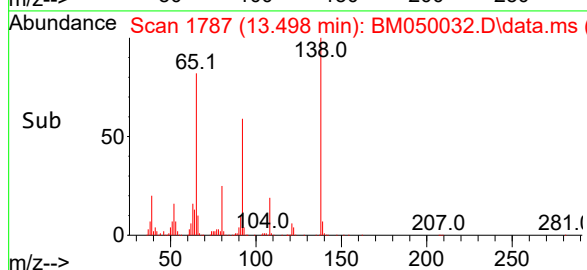
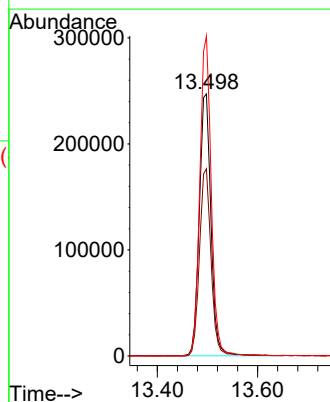
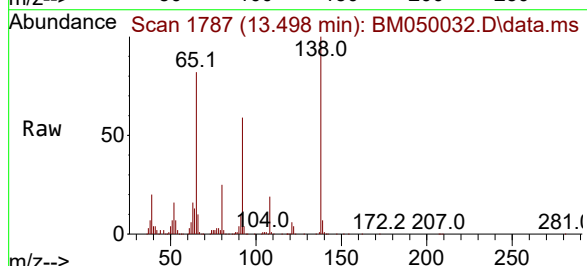
Manual Integrations
APPROVED

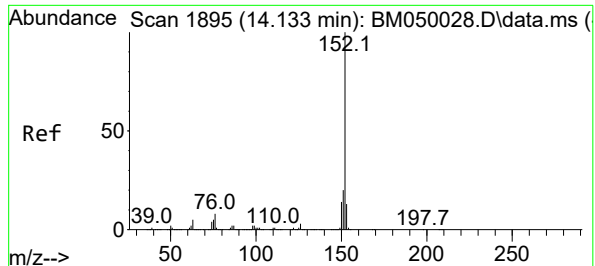
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

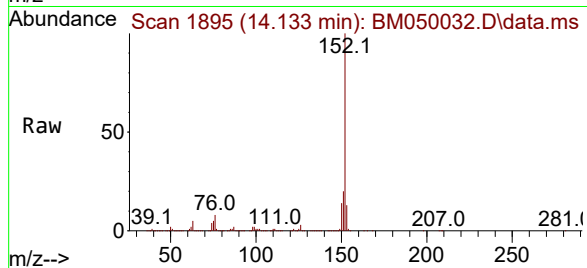
Tgt Ion: 65 Resp: 398645
Ion Ratio Lower Upper
65 100
92 71.5 57.1 85.7
138 122.1 97.0 145.4





#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

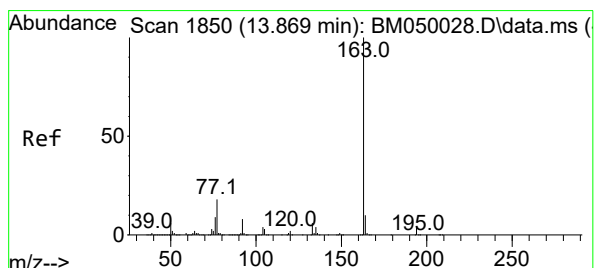
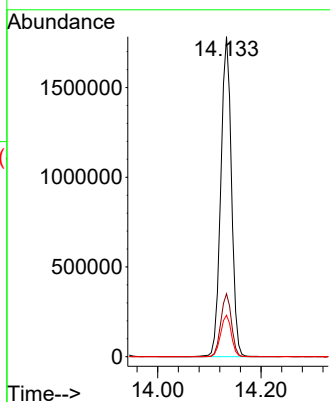
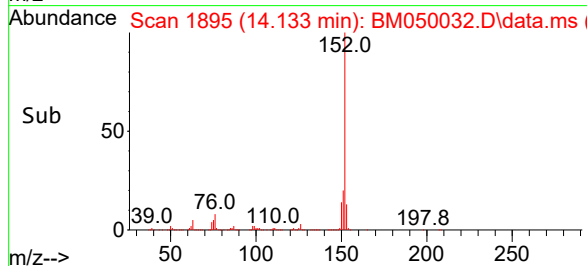
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:152 Resp: 254834
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.0 10.6 15.8

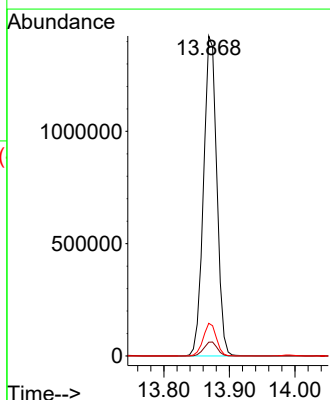
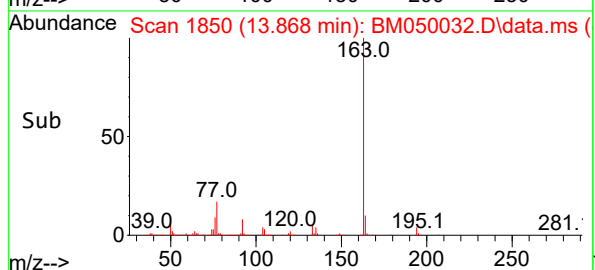
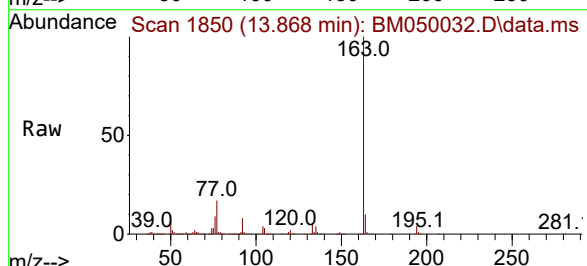
Manual Integrations
APPROVED

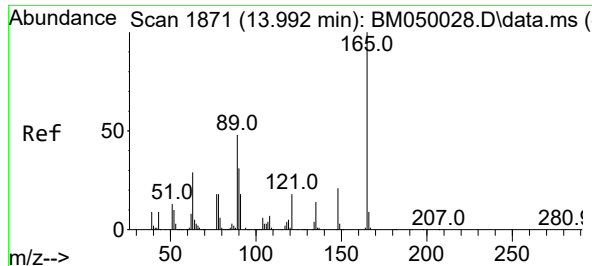
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

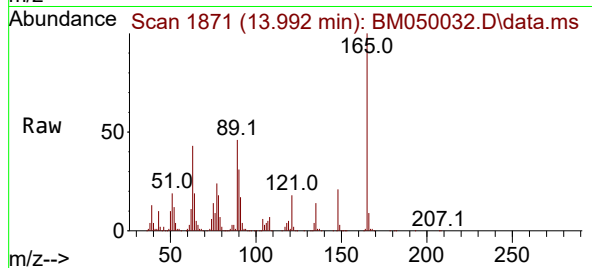
Tgt Ion:163 Resp: 2007342
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

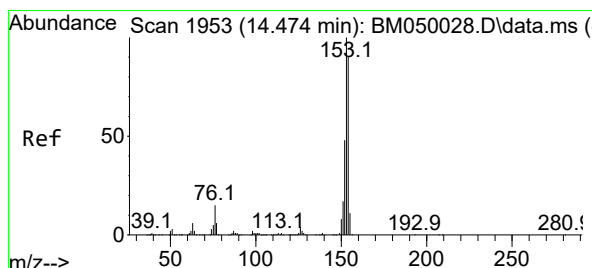
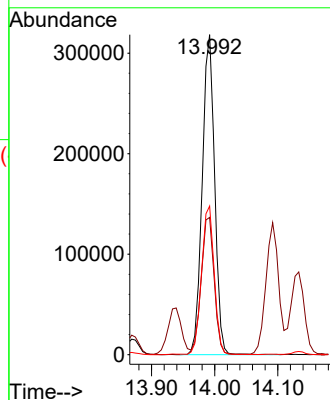
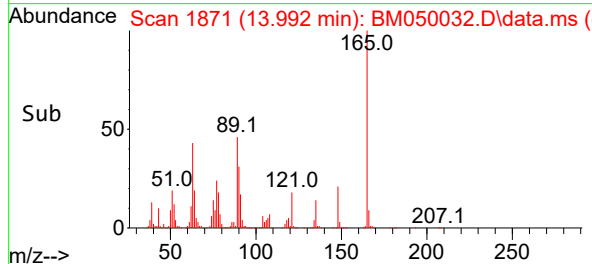
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:165 Resp: 435925
Ion Ratio Lower Upper
165 100
63 42.9 35.1 52.7
89 46.4 38.4 57.6

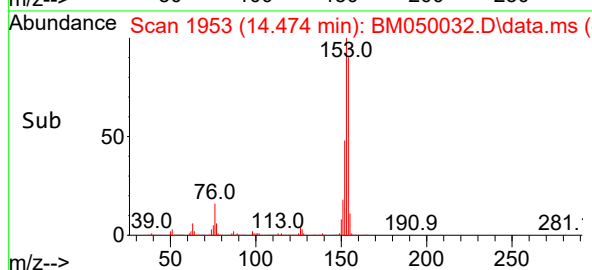
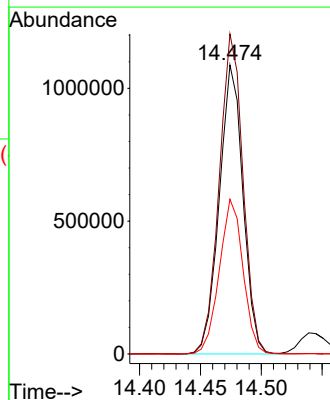
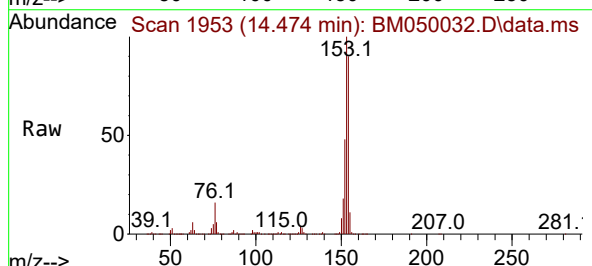
Manual Integrations
APPROVED

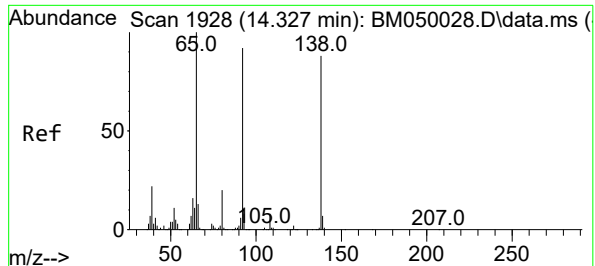
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

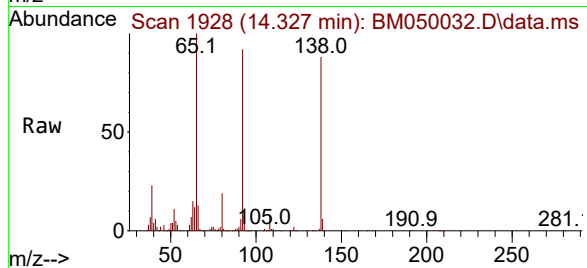
Tgt Ion:154 Resp: 1471672
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.4
152 53.5 43.0 64.6





#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

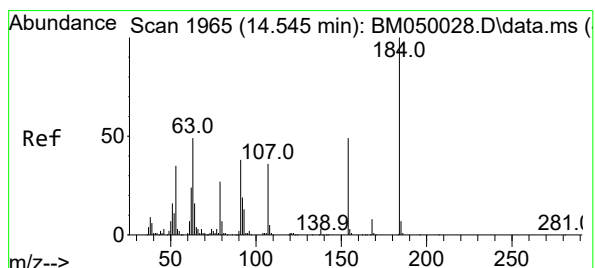
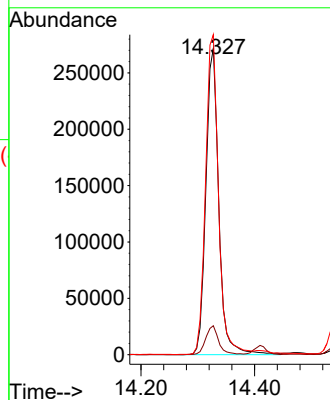
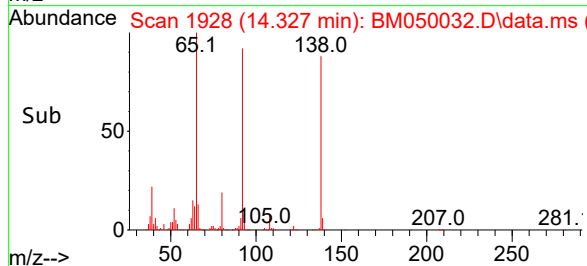
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:138 Resp: 427464
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 104.5 84.0 126.0

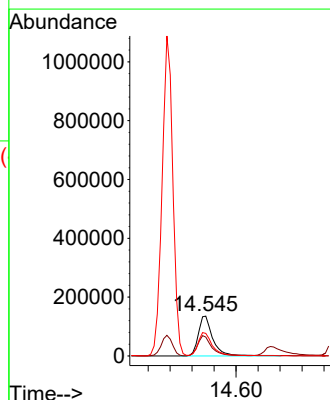
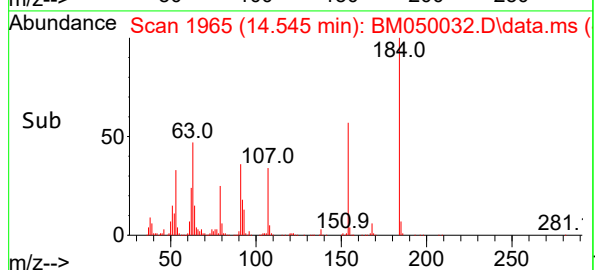
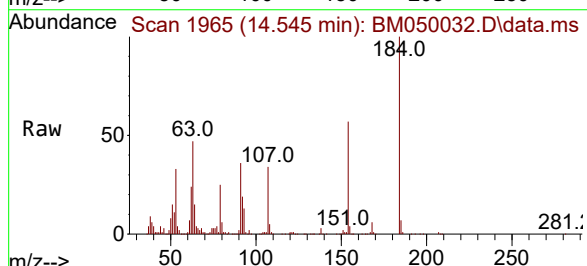
Manual Integrations
APPROVED

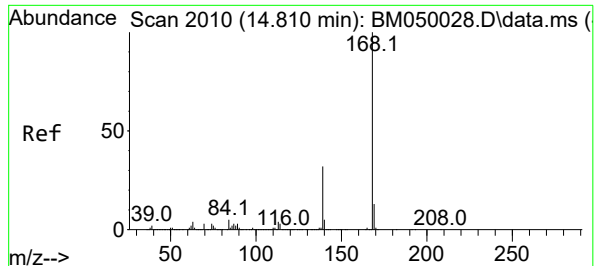
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

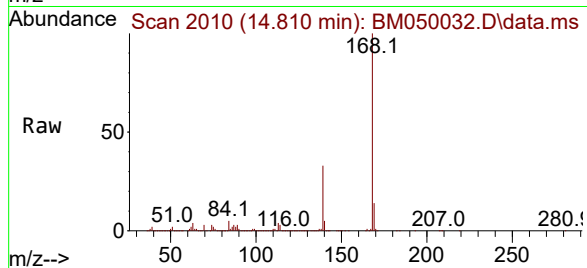
Tgt Ion:184 Resp: 249307
Ion Ratio Lower Upper
184 100
63 47.3 39.8 59.6
154 56.7 46.1 69.1





#55
Dibenzofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

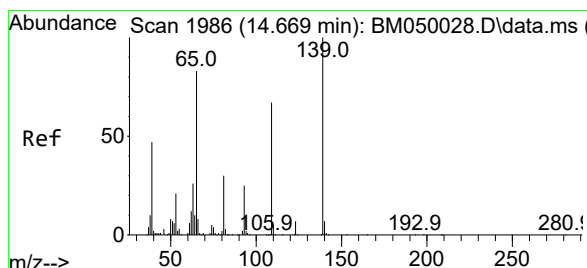
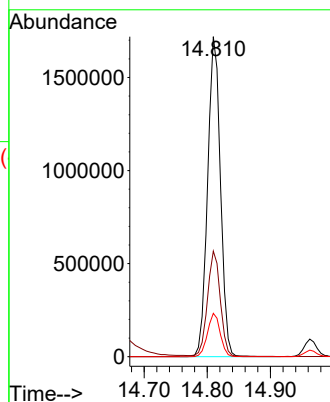
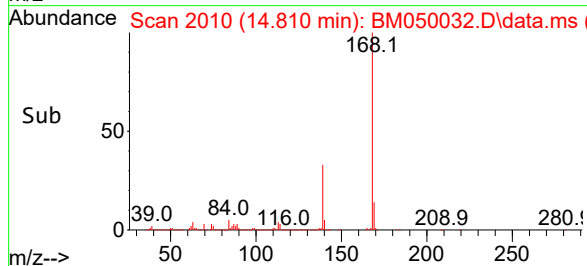
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



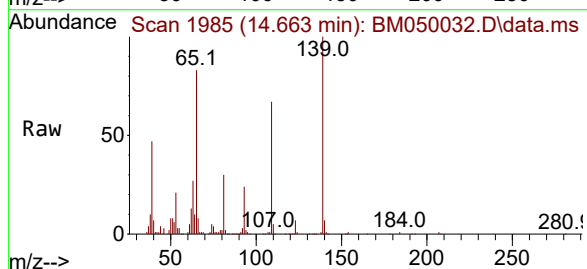
Tgt Ion:168 Resp: 2427830
Ion Ratio Lower Upper
168 100
139 33.0 26.1 39.1
169 13.5 10.8 16.2

Manual Integrations
APPROVED

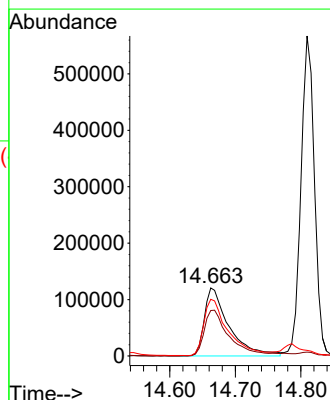
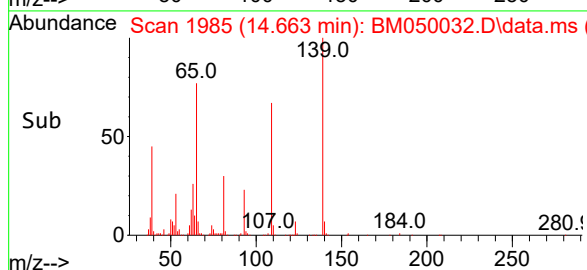
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

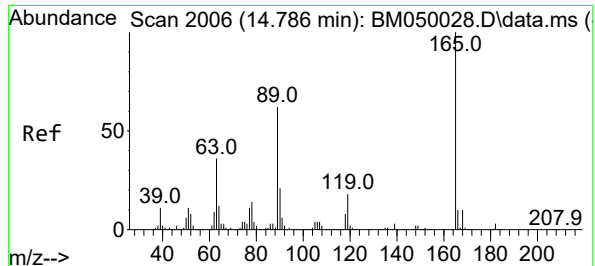


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



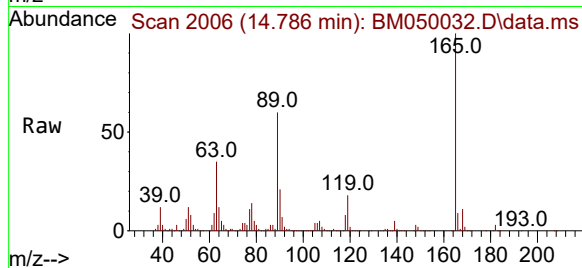
Tgt Ion:139 Resp: 313065
Ion Ratio Lower Upper
139 100
109 66.8 47.0 87.0
65 83.4 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

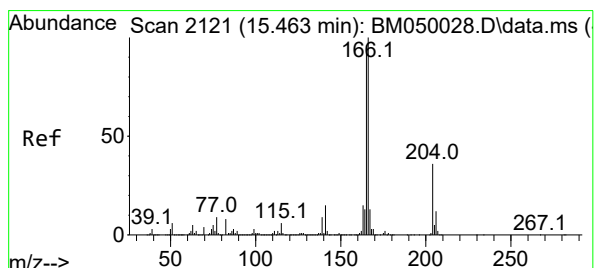
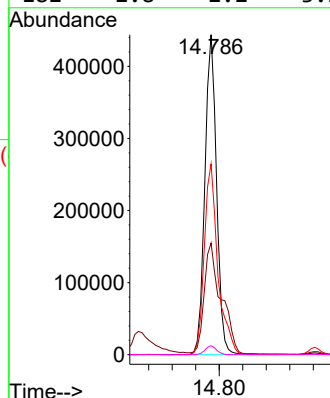
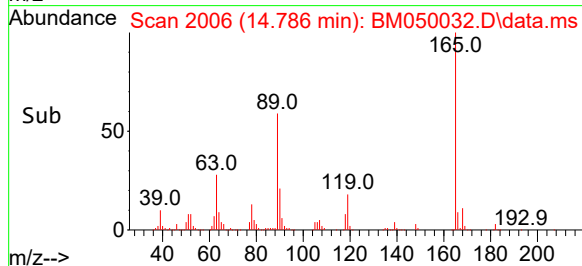
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:165 Resp: 61194
Ion Ratio Lower Upper
165 100
63 34.9 29.0 43.6
89 59.6 49.4 74.2
182 2.8 2.2 3.2

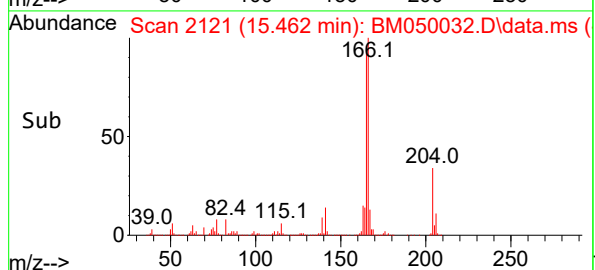
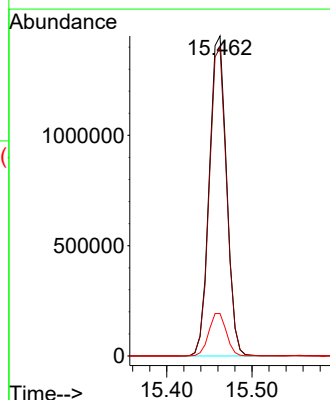
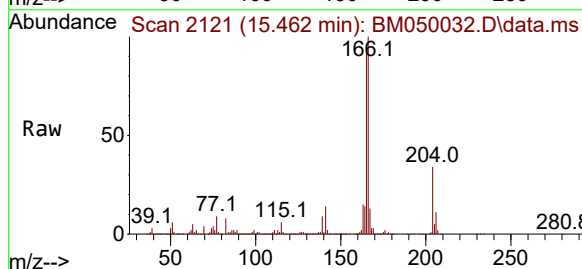
Manual Integrations
APPROVED

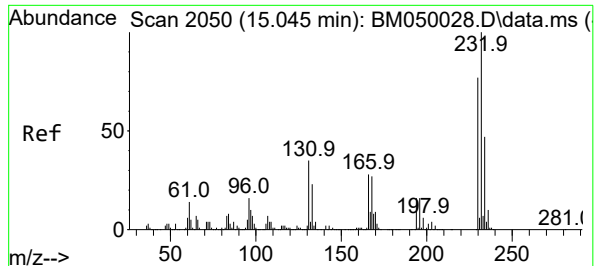
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

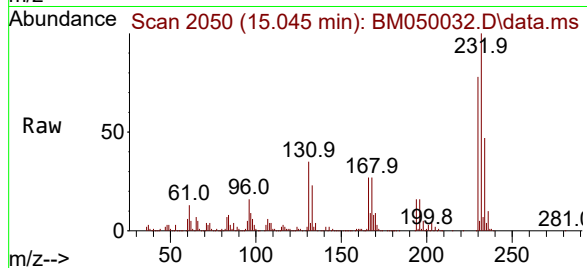
Tgt Ion:166 Resp: 2044284
Ion Ratio Lower Upper
166 100
165 96.4 76.6 115.0
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

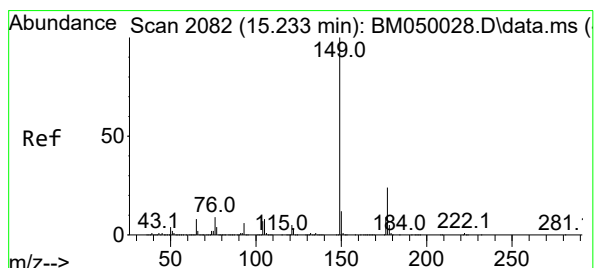
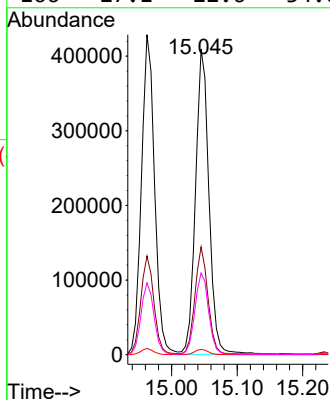
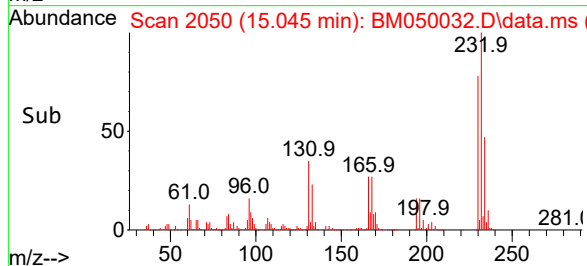
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:232 Resp: 583198
Ion Ratio Lower Upper
232 100
131 34.5 28.2 42.4
130 1.8 1.5 2.3
166 27.1 22.6 34.0

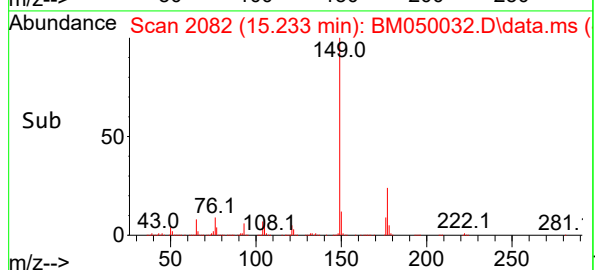
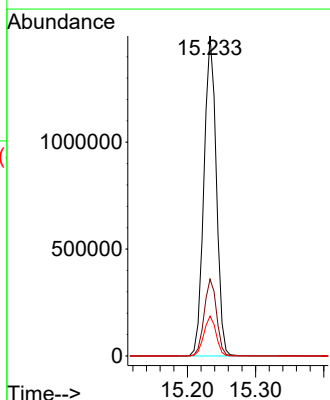
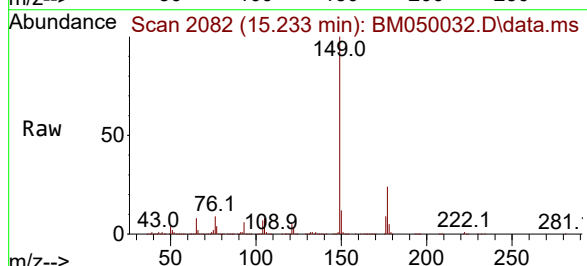
Manual Integrations
APPROVED

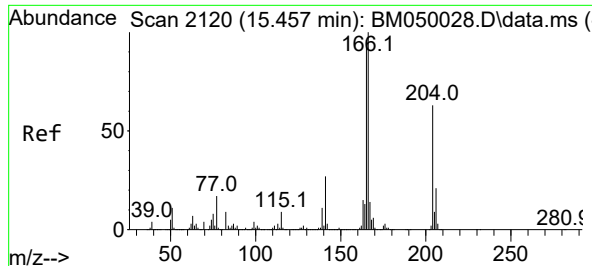
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

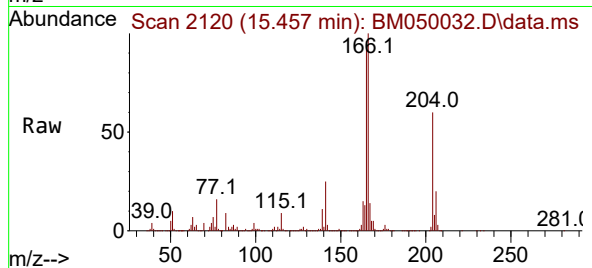
Tgt Ion:149 Resp: 1889827
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.4 9.6 14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

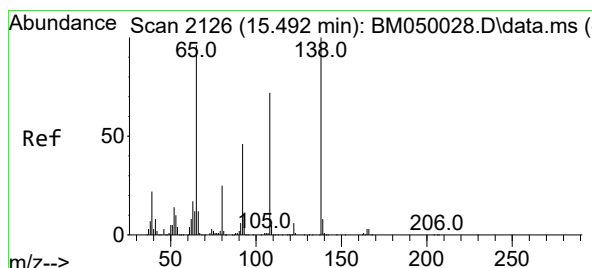
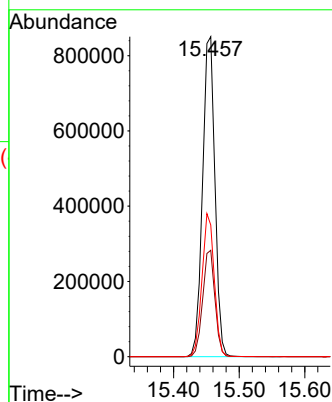
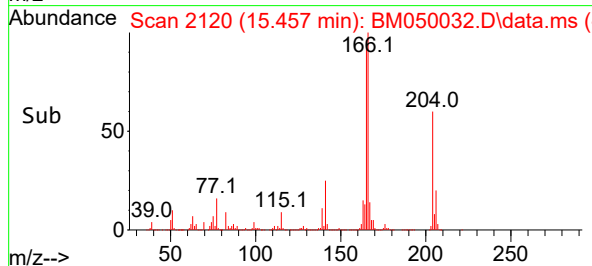
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:204 Resp: 111883
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 41.1 34.0 51.0

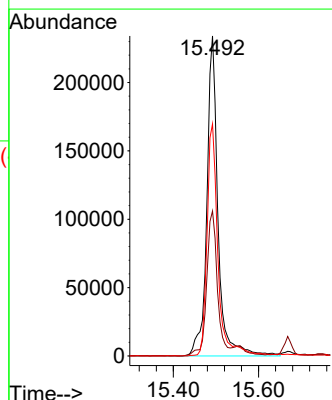
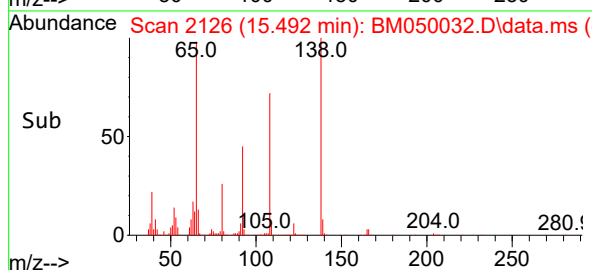
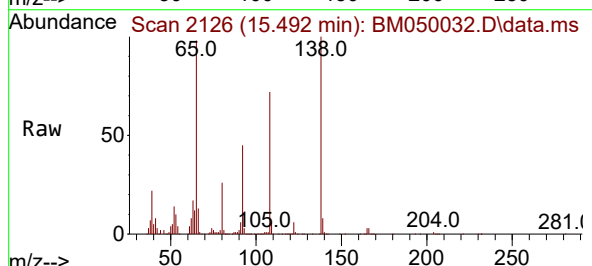
Manual Integrations
APPROVED

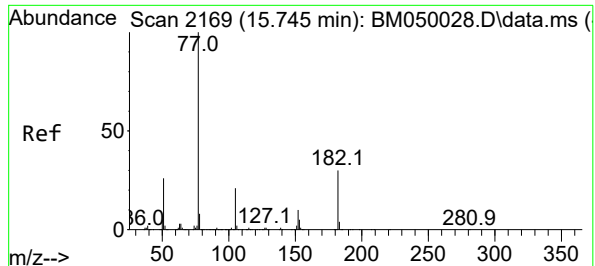
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

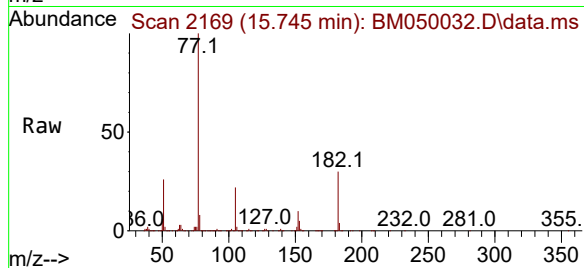
Tgt Ion:138 Resp: 427339
Ion Ratio Lower Upper
138 100
92 45.3 25.9 65.9
108 72.5 52.4 92.4





#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

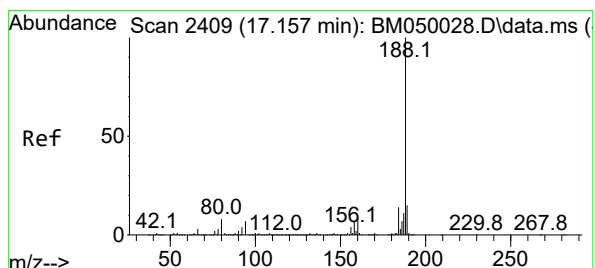
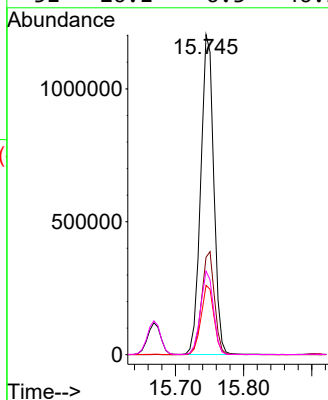
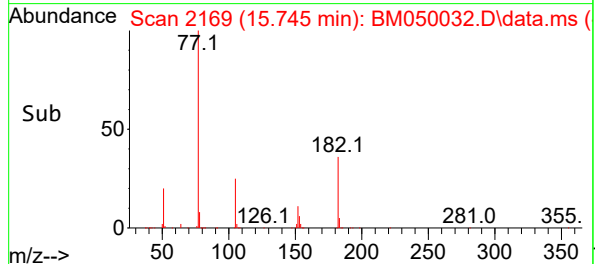
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion: 77 Resp: 1599489
Ion Ratio Lower Upper
77 100
182 30.5 10.5 50.5
105 21.6 1.1 41.1
51 26.1 6.3 46.3

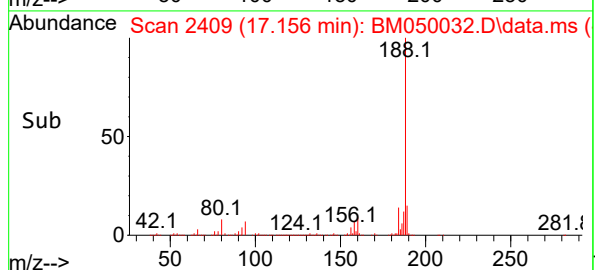
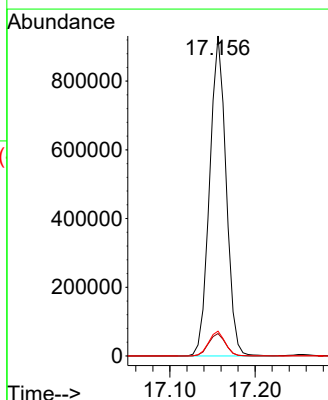
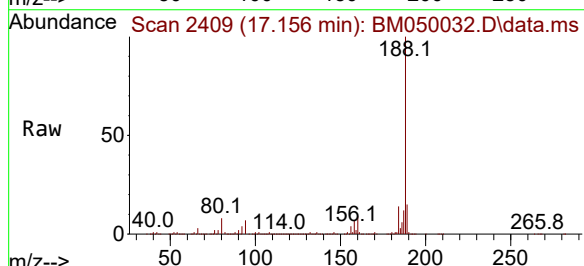
Manual Integrations
APPROVED

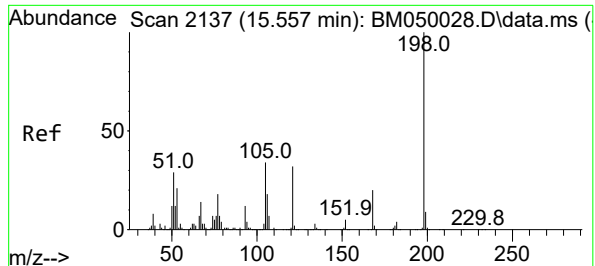
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

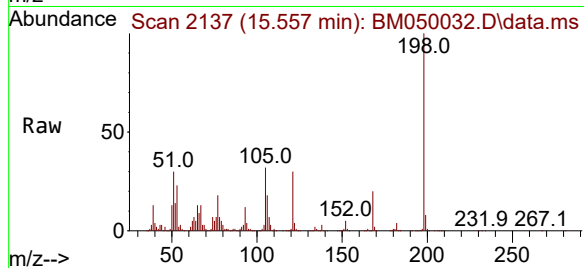
Tgt Ion:188 Resp: 1251563
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.7 6.2 9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

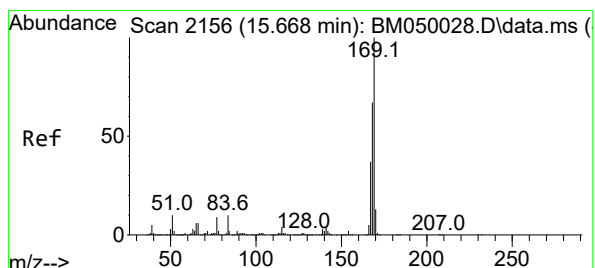
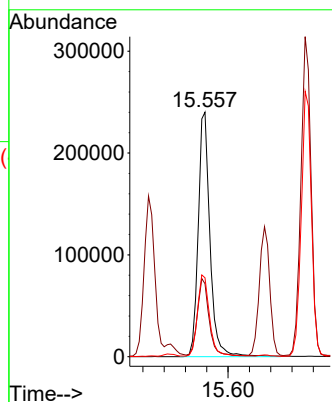
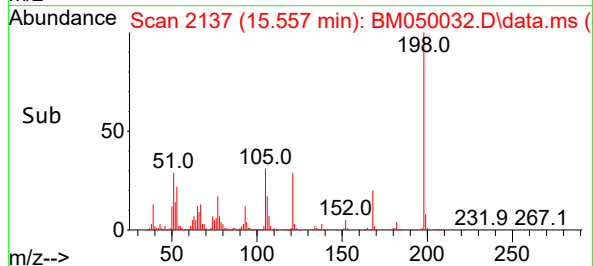
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:198 Resp: 367580
Ion Ratio Lower Upper
198 100
51 29.9 10.4 50.4
105 32.3 14.6 54.6

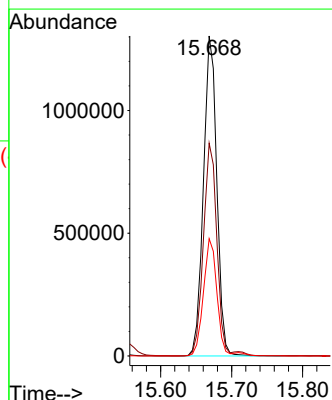
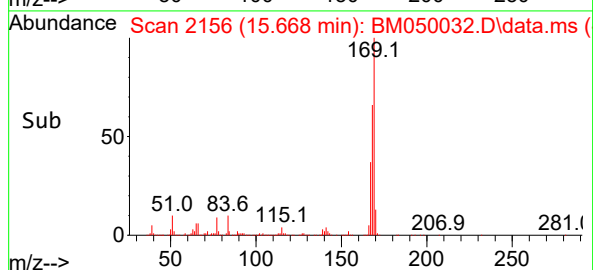
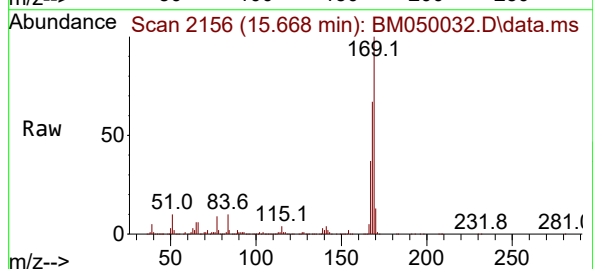
Manual Integrations
APPROVED

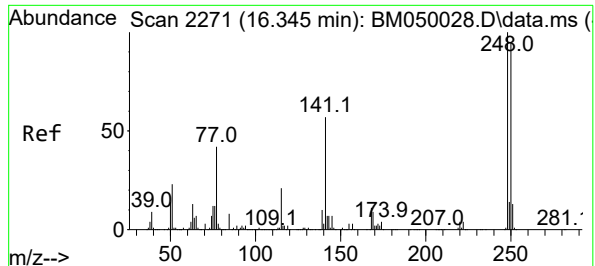
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

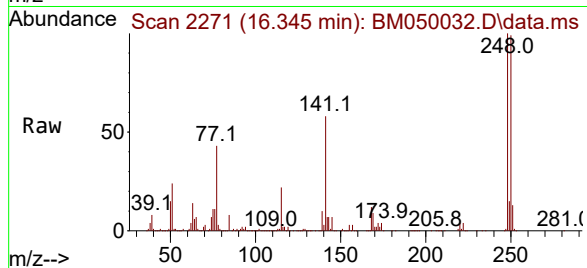
Tgt Ion:169 Resp: 1709666
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

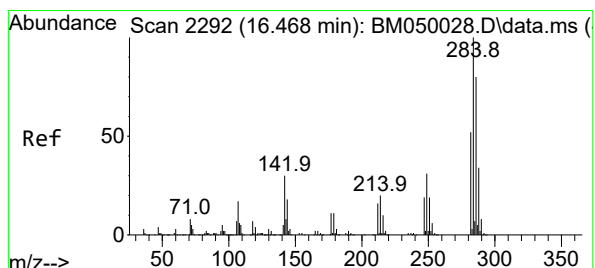
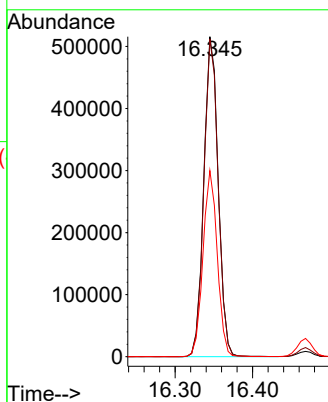
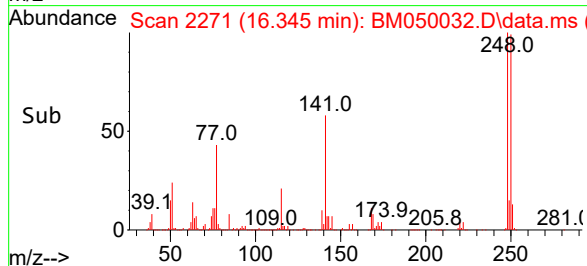
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:248 Resp: 665088
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 58.1 45.9 68.9

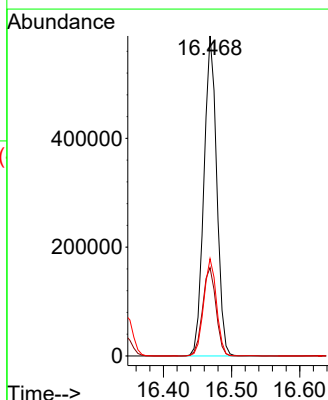
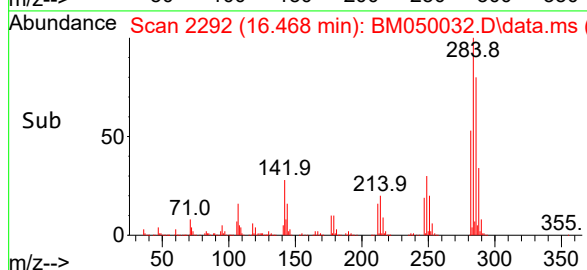
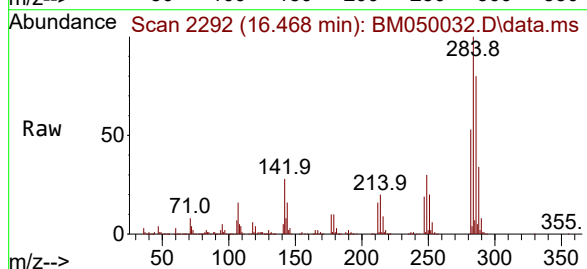
Manual Integrations
APPROVED

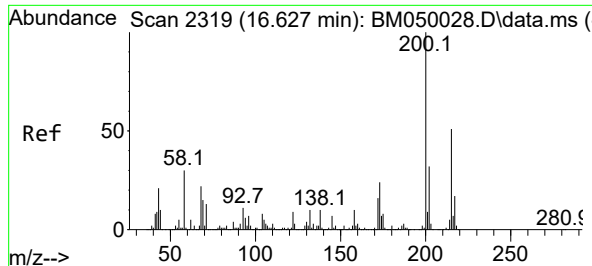
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

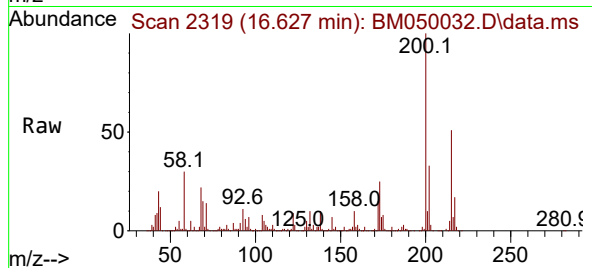
Tgt Ion:284 Resp: 770651
Ion Ratio Lower Upper
284 100
142 27.6 23.9 35.9
249 30.4 24.5 36.7





#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

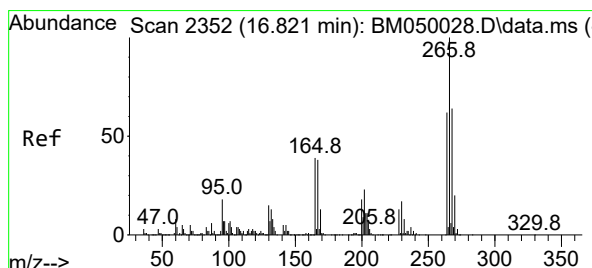
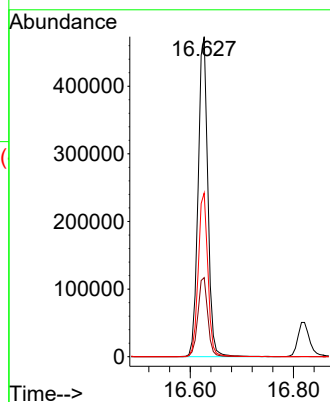
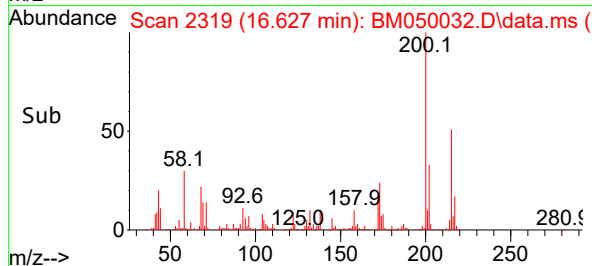
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:200 Resp: 616670
Ion Ratio Lower Upper
200 100
173 24.7 4.3 44.3
215 51.1 30.6 70.6

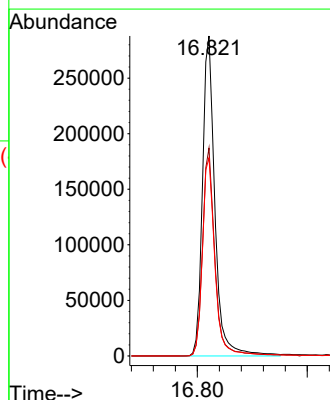
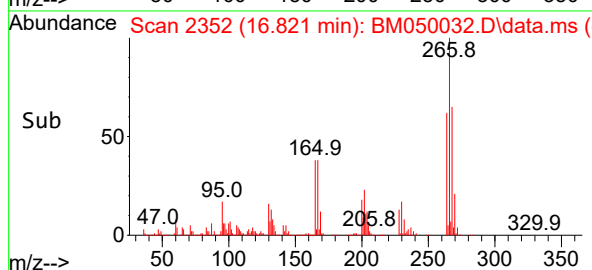
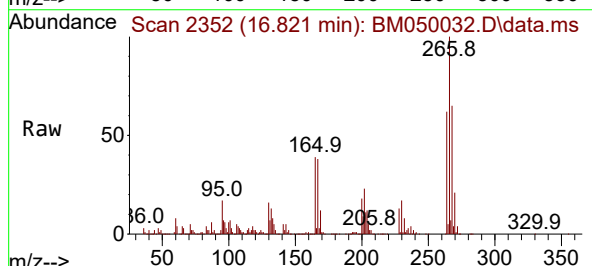
Manual Integrations
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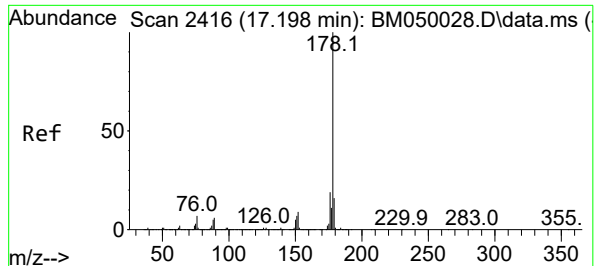
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

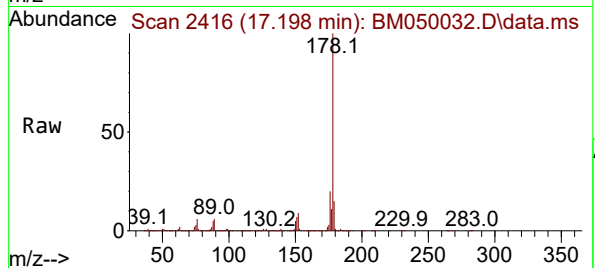
Tgt Ion:266 Resp: 452303
Ion Ratio Lower Upper
266 100
268 64.9 51.2 76.8
264 61.9 49.6 74.4





#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

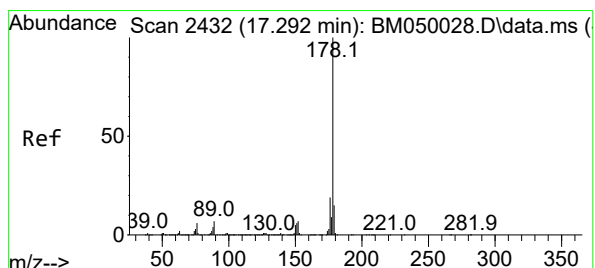
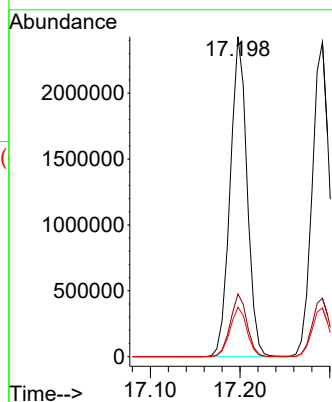
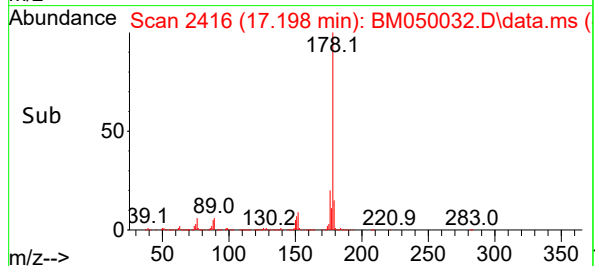
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:178 Resp: 316914
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.4 12.4 18.6

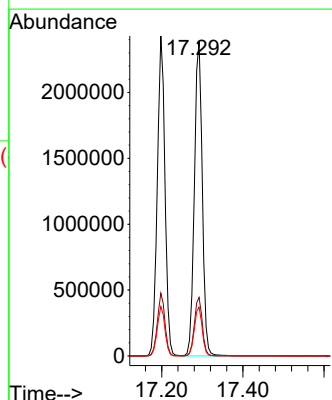
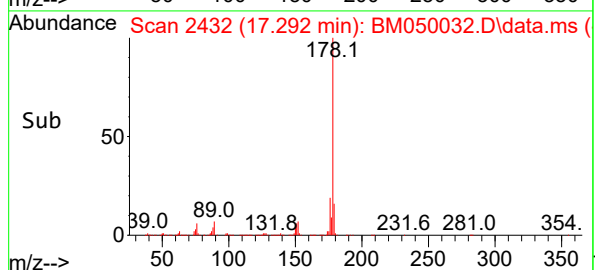
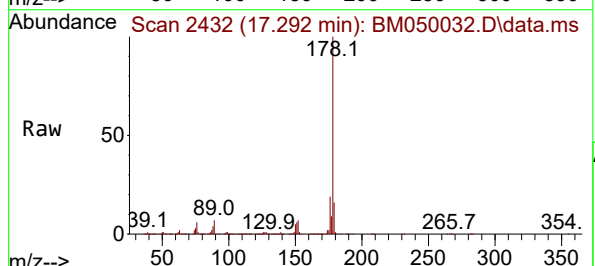
Manual Integrations
APPROVED

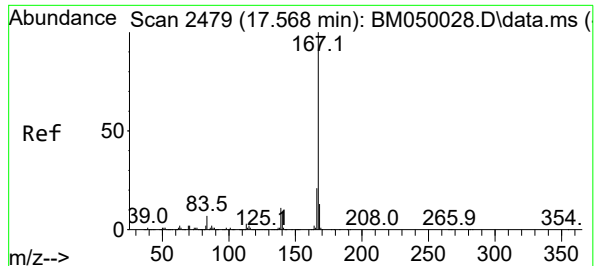
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

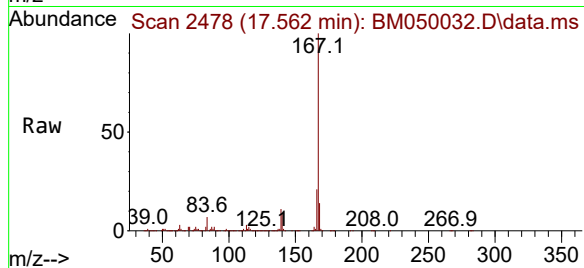
Tgt Ion:178 Resp: 3241829
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 2479
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

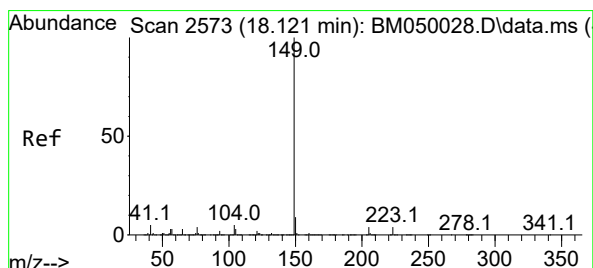
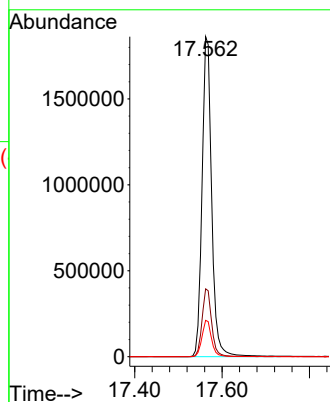
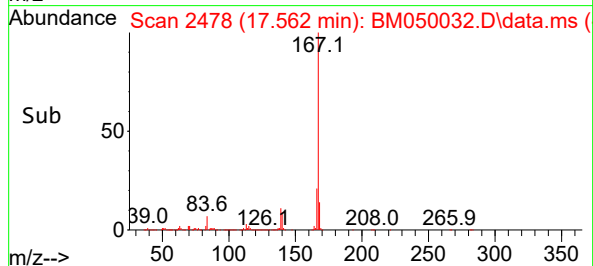
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:167 Resp: 2851510
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.3 9.0 13.6

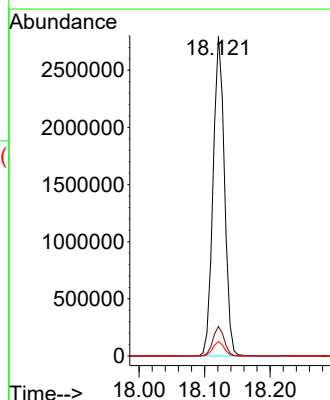
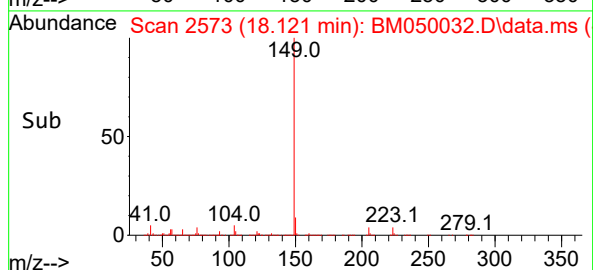
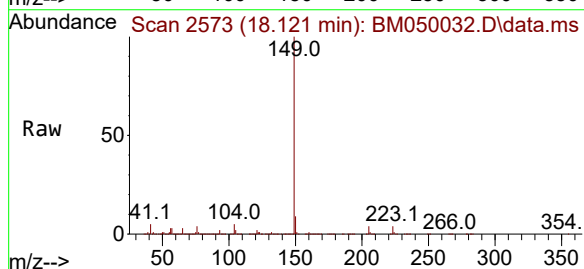
Manual Integrations
APPROVED

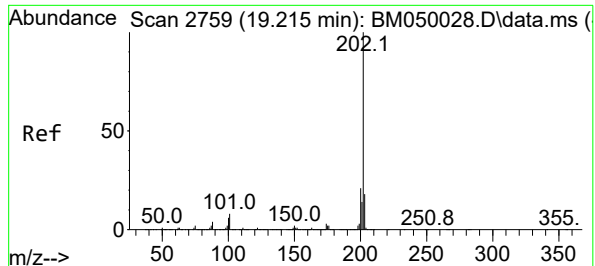
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

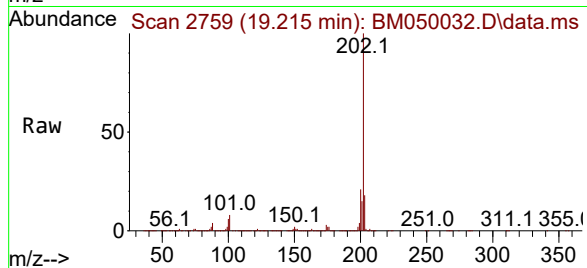
Tgt Ion:149 Resp: 3370238
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

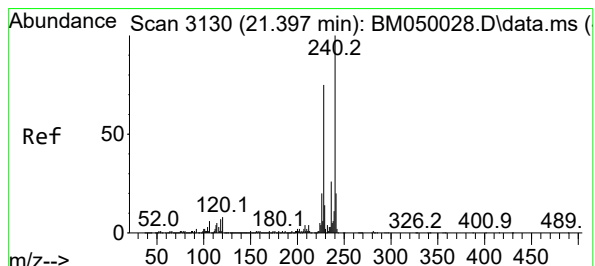
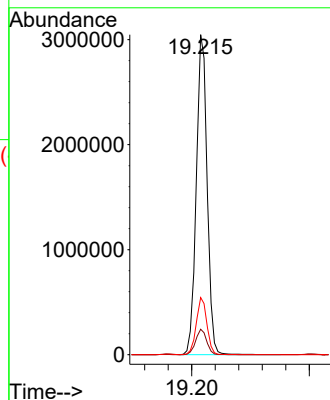
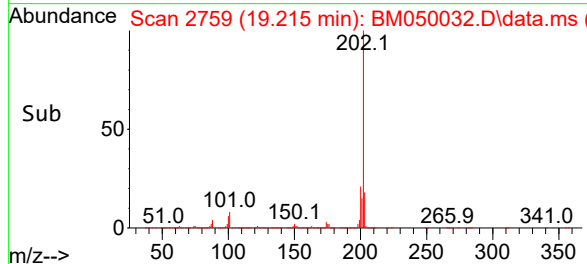
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:202 Resp: 3895040
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.0
203 17.9 0.0 37.7

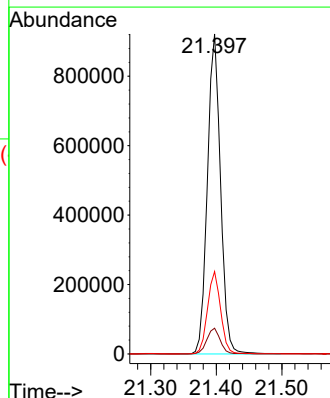
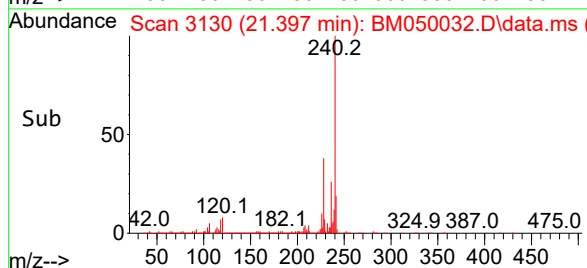
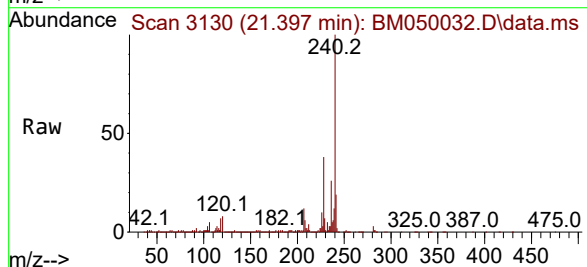
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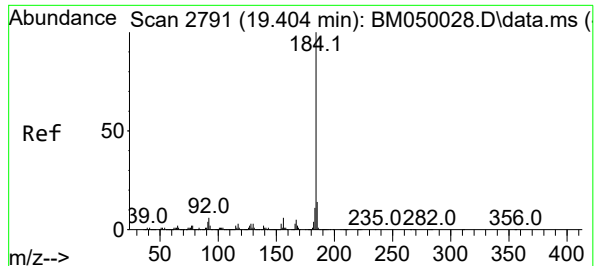
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

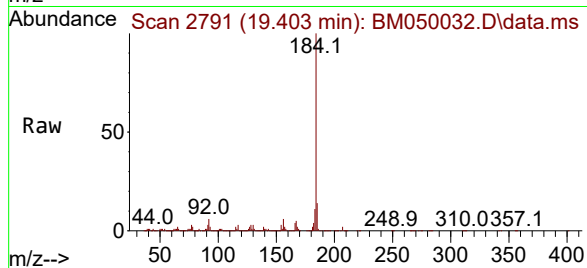
Tgt Ion:240 Resp: 1285998
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 25.8 20.9 31.3





#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2791
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

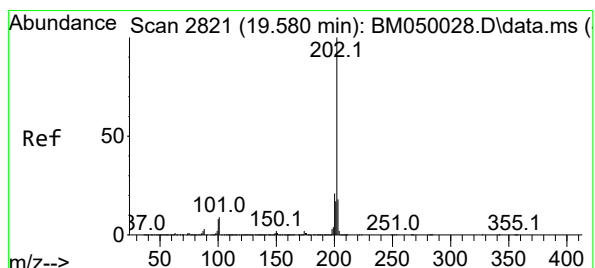
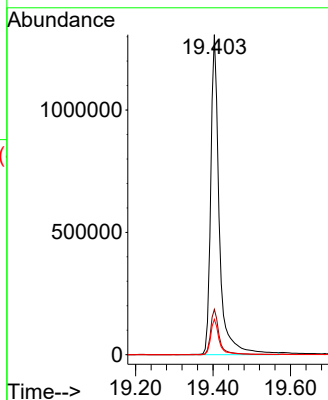
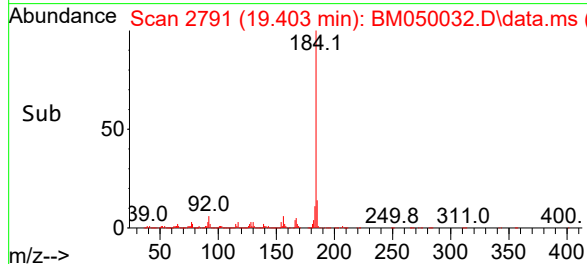
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:184 Resp: 201920
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.0 8.9 13.3

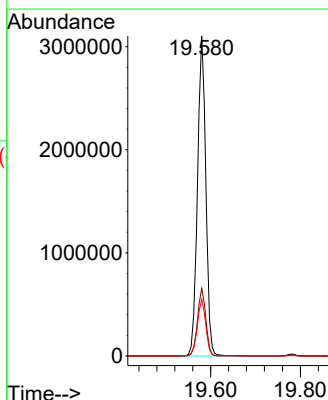
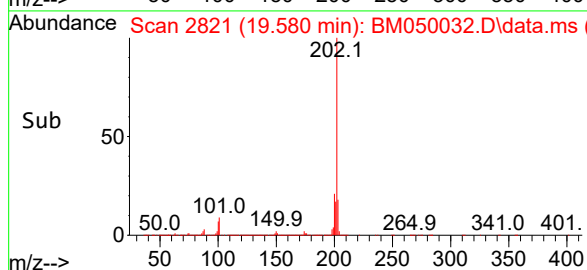
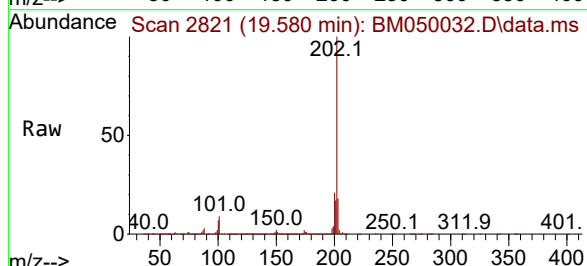
Manual Integrations
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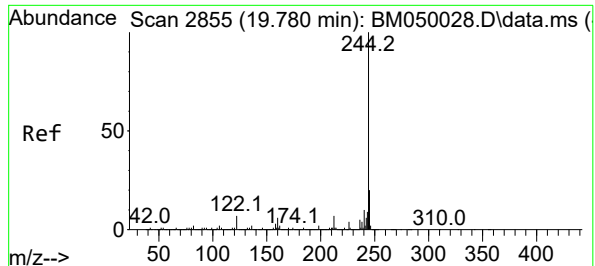
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

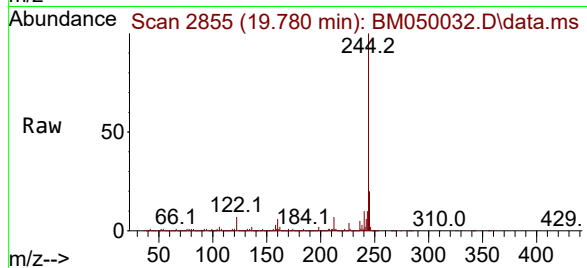
Tgt Ion:202 Resp: 3992384
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

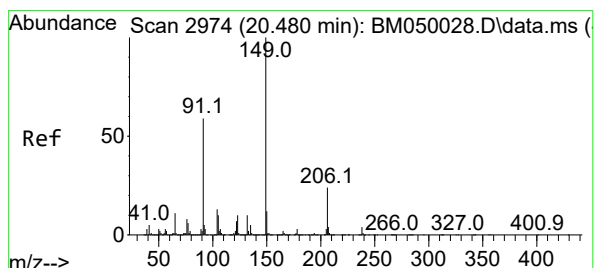
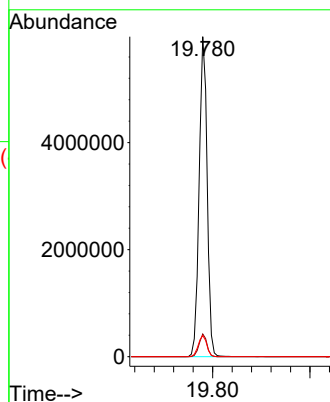
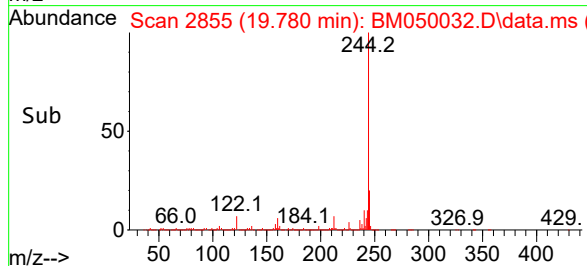
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



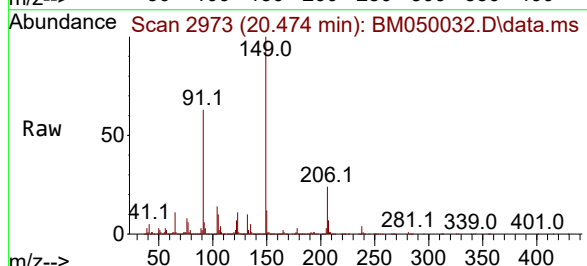
Tgt Ion:244 Resp: 686305
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.6 5.6 8.4

Manual Integrations
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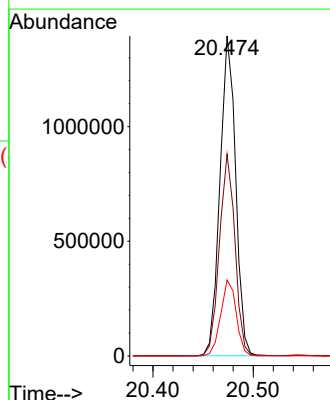
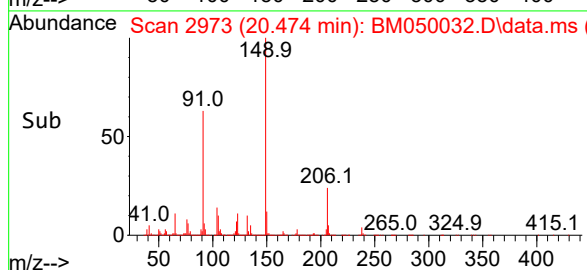
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

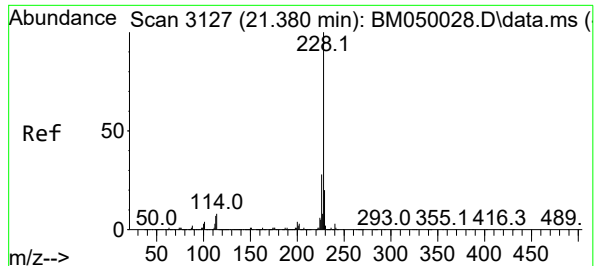


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



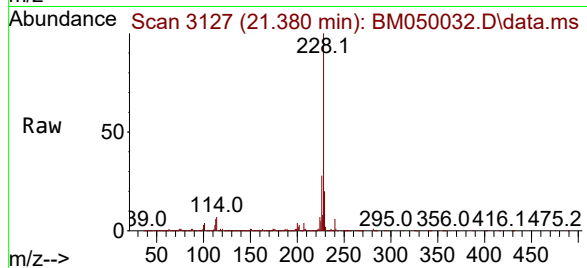
Tgt Ion:149 Resp: 1512498
Ion Ratio Lower Upper
149 100
91 63.0 47.4 71.2
206 23.7 19.4 29.0





#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

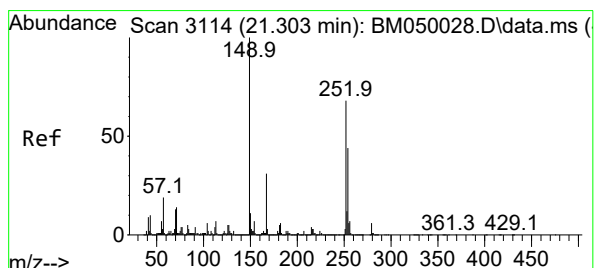
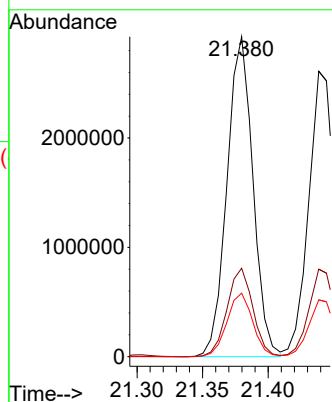
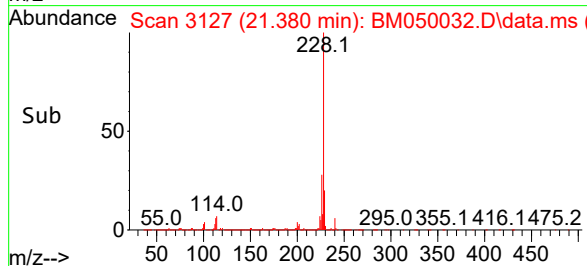
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:228 Resp: 4029064
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.7 23.5

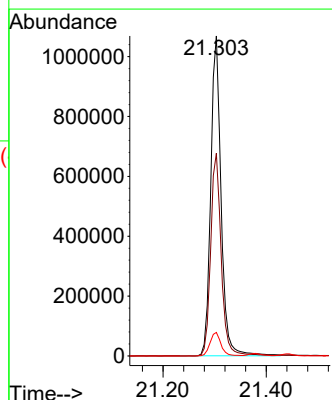
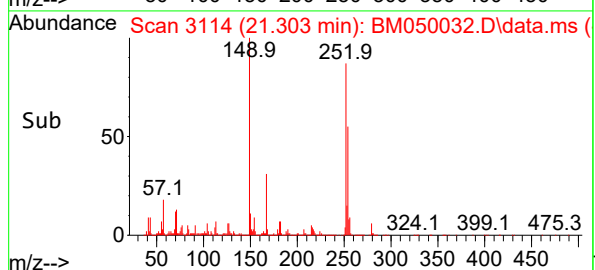
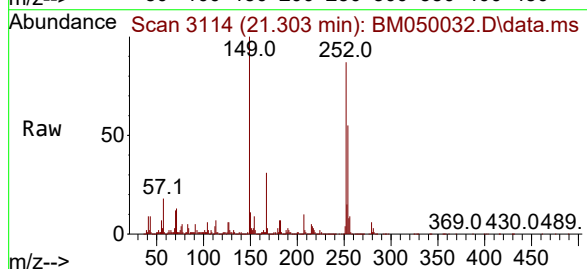
Manual Integrations
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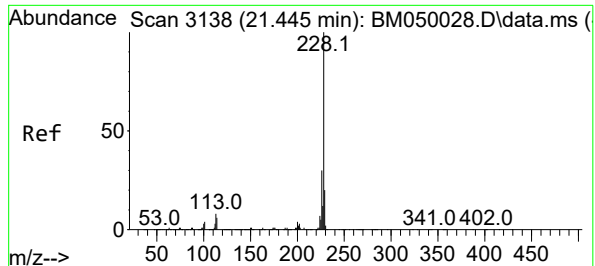
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

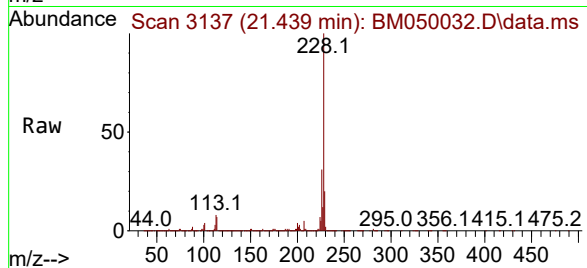
Tgt Ion:252 Resp: 1487254
Ion Ratio Lower Upper
252 100
254 63.3 51.8 77.6
126 7.4 6.0 9.0





#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

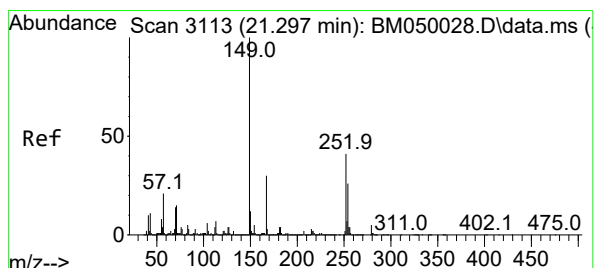
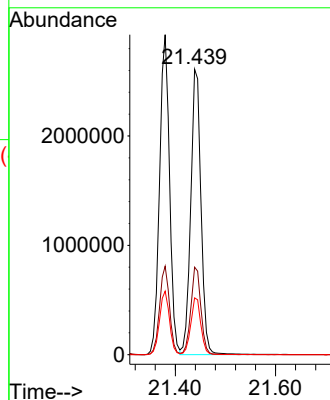
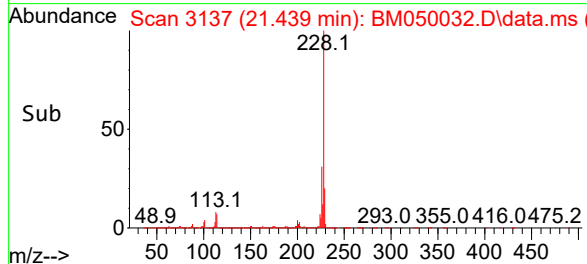
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:228 Resp: 368560
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.9 15.7 23.5

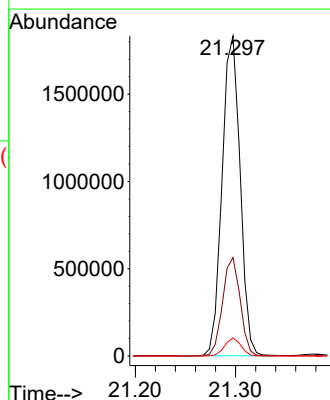
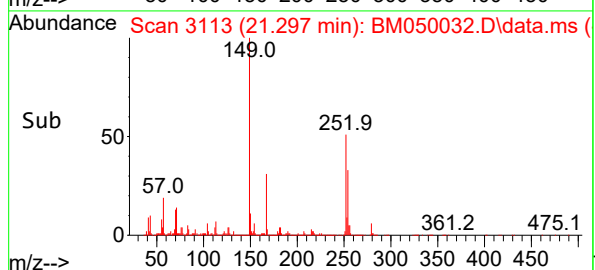
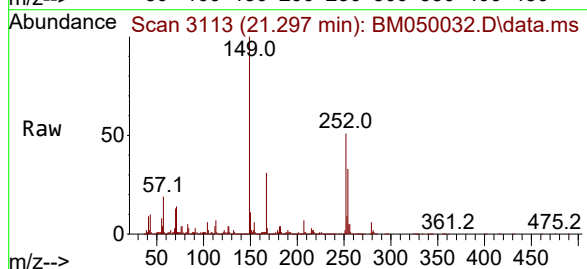
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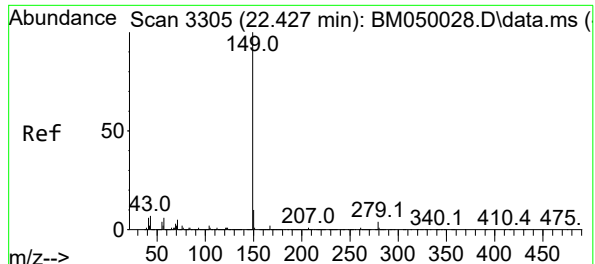
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

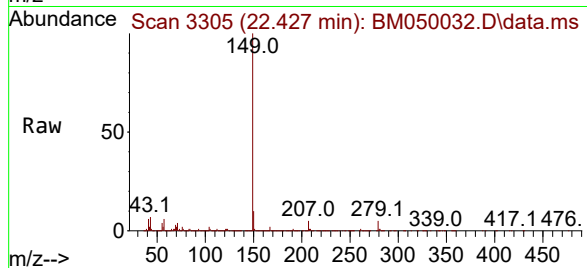
Tgt Ion:149 Resp: 2284769
Ion Ratio Lower Upper
149 100
167 30.7 24.1 36.1
279 5.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

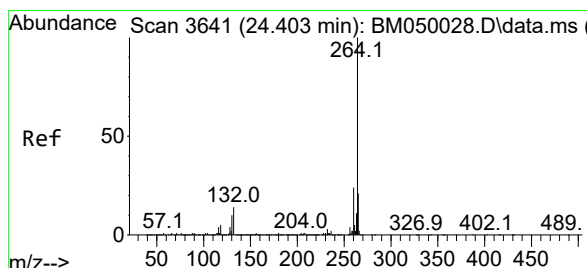
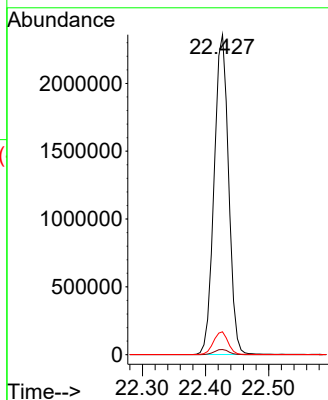
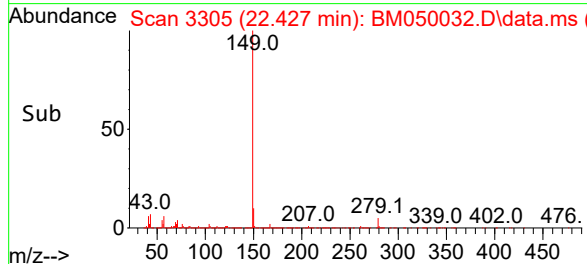


Tgt Ion:149 Resp: 374709

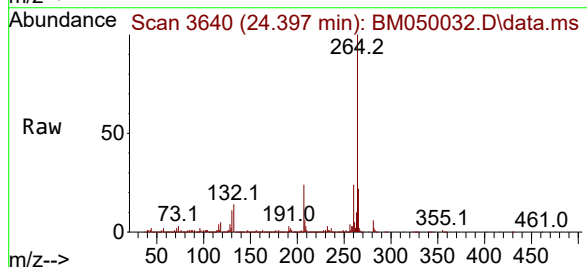
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

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Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

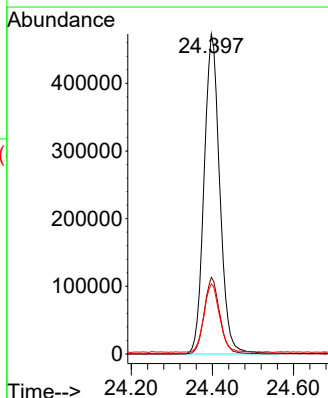
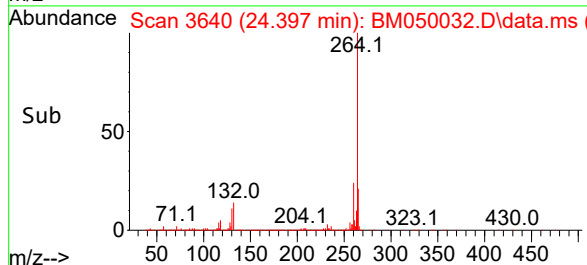


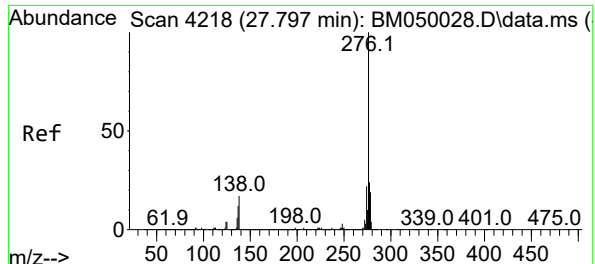
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43



Tgt Ion:264 Resp: 1266367

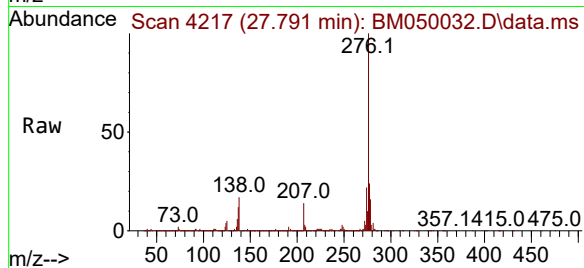
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4218
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

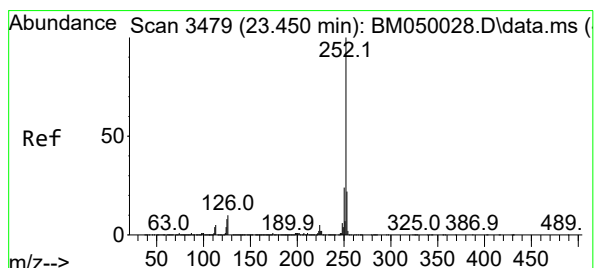
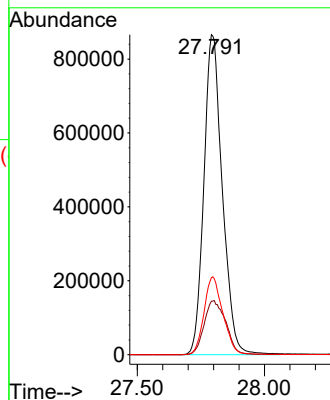
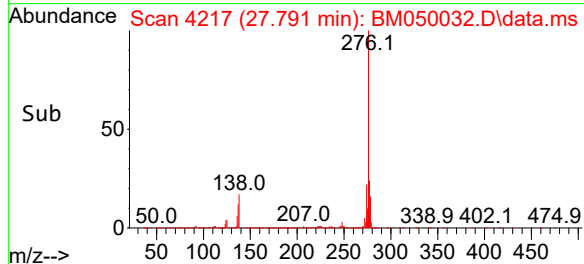
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:276 Resp: 436403
Ion Ratio Lower Upper
276 100
138 19.8 16.4 24.6
277 25.0 19.8 29.8

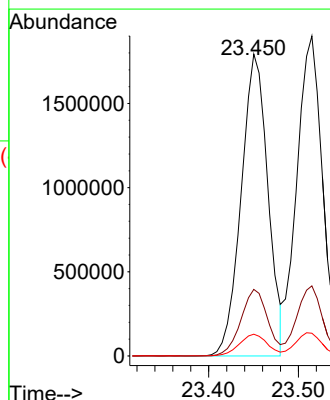
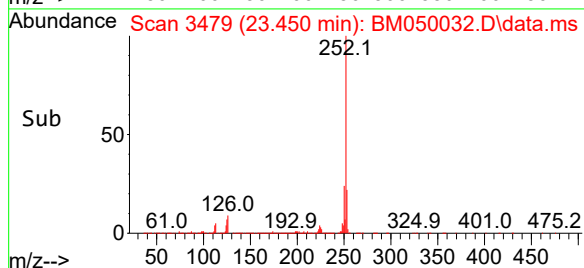
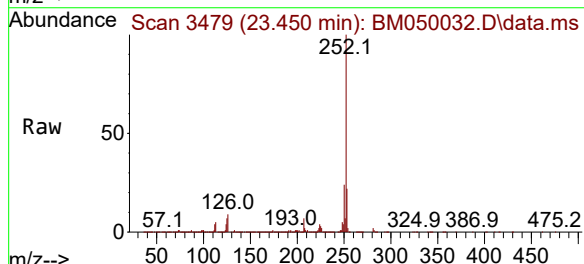
Manual Integrations
APPROVED

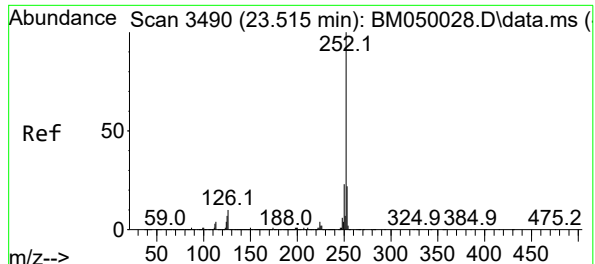
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3711451
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 45.780 ng

RT: 23.515 min Scan# 3490

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

Instrument :

BNA_M

ClientSampleId :

ICVBM042825

Tgt Ion:252 Resp: 3813739

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

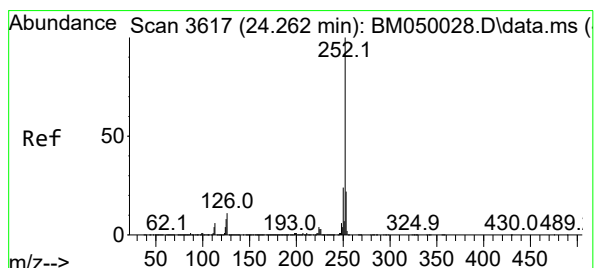
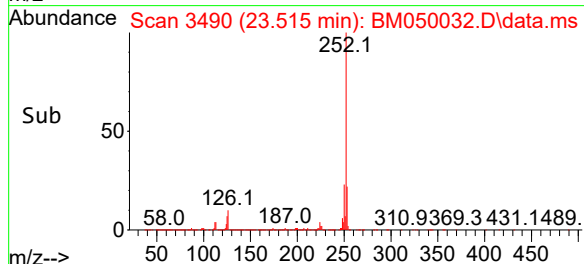
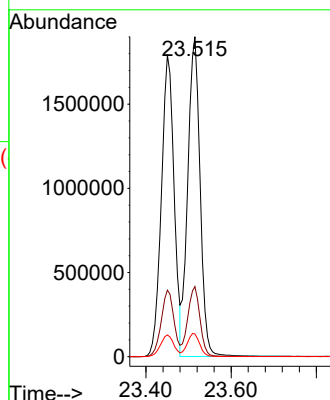
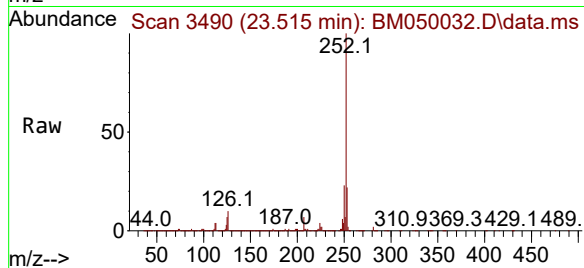
125 7.1 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/29/2025

Supervised By :Jagrut Upadhyay 04/29/2025



#90

Benzo(a)pyrene

Concen: 45.577 ng

RT: 24.262 min Scan# 3617

Delta R.T. -0.000 min

Lab File: BM050032.D

Acq: 28 Apr 2025 17:43

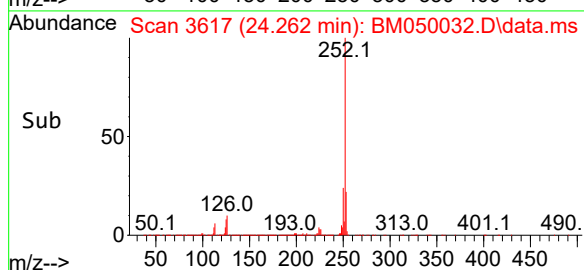
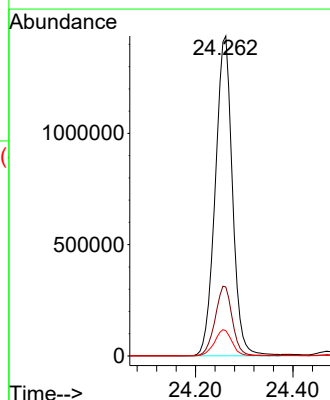
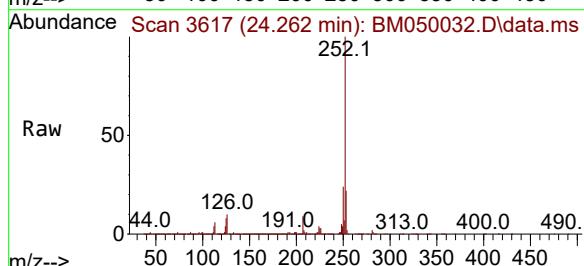
Tgt Ion:252 Resp: 3515582

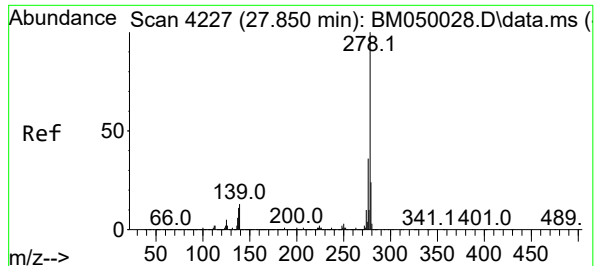
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

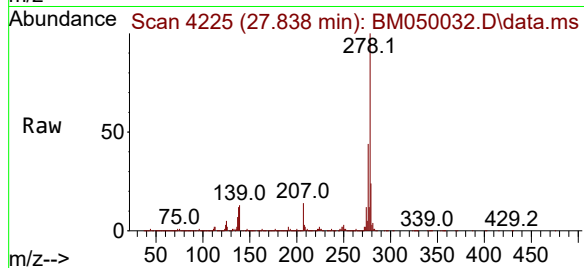
125 7.9 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 4225
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

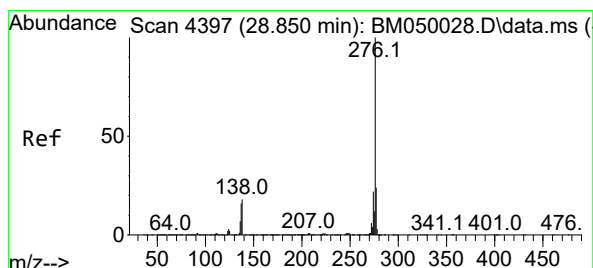
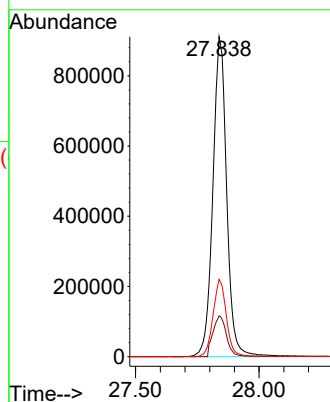
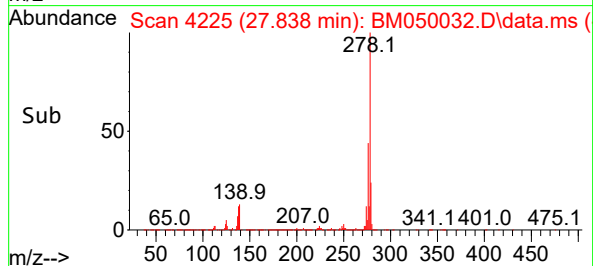
Instrument :
BNA_M
ClientSampleId :
ICVBM042825



Tgt Ion:278 Resp: 354529
Ion Ratio Lower Upper
278 100
139 12.7 10.5 15.7
279 24.1 19.4 29.0

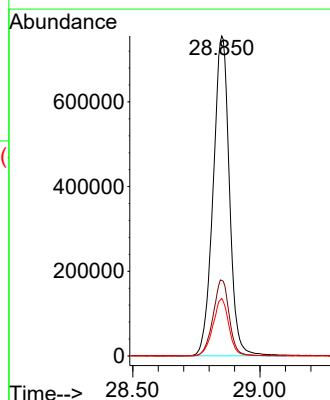
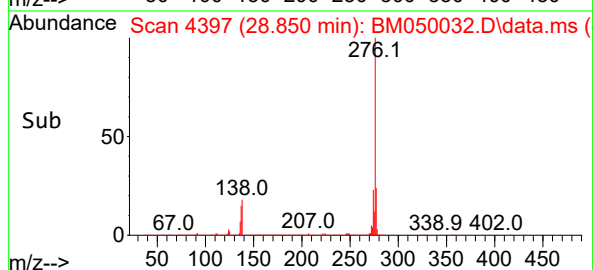
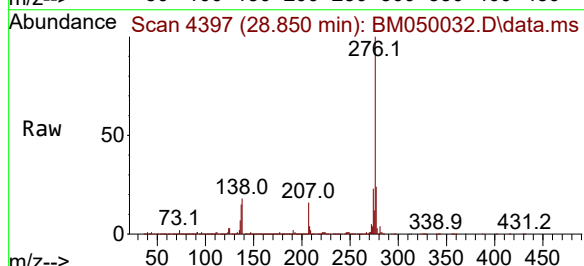
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 3345997
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 17.9 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2	1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3	Pyridine	1.258	1.464	-16.4	105	0.00
4	n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5 S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6	Aniline	1.813	2.118	-16.8	104	0.00
7 S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8	2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9	Benzaldehyde	0.961	1.055	-9.8	98	0.00
10 C	Phenol	1.453	1.704	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12	1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14	1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15	Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17	2-Methylphenol	0.957	1.129	-18.0	104	0.00
18	Hexachloroethane	0.533	0.596	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20	3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22	Acetophenone	0.497	0.561	-12.9	104	0.00
23 S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24	Nitrobenzene	0.351	0.396	-12.8	104	0.00
25	Isophorone	0.692	0.789	-14.0	107	0.00
26 C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27	2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28	bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29 C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31	Naphthalene	1.013	1.131	-11.6	105	0.00
32	Benzoic acid	0.190	0.219	-15.3	109	0.00
33	4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34 C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35	Caprolactam	0.097	0.113	-16.5	107	0.00
36 C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37	2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38	1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43 C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44	2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45 S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46	1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47	2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.329	-19.2	112	0.00
49	Acenaphthylene	1.857	2.103	-13.2	109	0.00
50	Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51	2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52 C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53	3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54 P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55	Dibenzofuran	1.788	2.004	-12.1	109	0.00
56 P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57	2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58	Fluorene	1.463	1.687	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60	Diethylphthalate	1.377	1.560	-13.3	111	0.00
61	4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62	4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63	Azobenzene	1.154	1.320	-14.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66 c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67	4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68	Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69	Atrazine	0.222	0.246	-10.8	112	0.00
70 C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71	Phenanthrene	1.128	1.266	-12.2	115	0.00
72	Anthracene	1.142	1.295	-13.4	115	0.00
73	Carbazole	0.991	1.139	-14.9	116	0.00
74	Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75 C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzidine	0.710	0.785	-10.6	117	0.00
78	Pyrene	1.404	1.552	-10.5	118	0.00
79 S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80	Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81	Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82	3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83	Chrysene	1.275	1.433	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85 c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86 I	Perylene-d12	1.000	1.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88	Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89	Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90 C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91	Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2	1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3	Pyridine	40.000	46.534	-16.3	105	0.00
4	n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5 S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6	Aniline	40.000	46.744	-16.9	104	0.00
7 S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8	2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9	Benzaldehyde	40.000	43.937	-9.8	98	0.00
10 C	Phenol	40.000	46.913	-17.3	106	0.00
11	bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12	1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13 C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14	1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15	Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17	2-Methylphenol	40.000	47.153	-17.9	104	0.00
18	Hexachloroethane	40.000	44.738	-11.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20	3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22	Acetophenone	40.000	45.153	-12.9	104	0.00
23 S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24	Nitrobenzene	40.000	45.104	-12.8	104	0.00
25	Isophorone	40.000	45.596	-14.0	107	0.00
26 C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27	2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28	bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29 C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30	1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31	Naphthalene	40.000	44.651	-11.6	105	0.00
32	Benzoic acid	40.000	46.063	-15.2	109	0.00
33	4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34 C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35	Caprolactam	40.000	46.481	-16.2	107	0.00
36 C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37	2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38	1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41 P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42 S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44	2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45 S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46	1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47	2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
 Data File : BM050032.D
 Acq On : 28 Apr 2025 17:43
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM042825

Quant Time: Apr 28 18:14:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	47.621	-19.1	112	0.00
49	Acenaphthylene	40.000	45.315	-13.3	109	0.00
50	Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51	2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52 C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53	3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54 P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55	Dibenzofuran	40.000	44.828	-12.1	109	0.00
56 P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57	2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58	Fluorene	40.000	46.115	-15.3	111	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60	Diethylphthalate	40.000	45.299	-13.2	111	0.00
61	4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62	4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63	Azobenzene	40.000	45.747	-14.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65	4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67	4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68	Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69	Atrazine	40.000	44.483	-11.2	112	0.00
70 C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71	Phenanthrene	40.000	44.895	-12.2	115	0.00
72	Anthracene	40.000	45.381	-13.5	115	0.00
73	Carbazole	40.000	46.001	-15.0	116	0.00
74	Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75 C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	44.204	-10.5	117	0.00
78	Pyrene	40.000	44.209	-10.5	118	0.00
79 S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80	Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81	Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82	3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83	Chrysene	40.000	44.967	-12.4	123	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85 c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86 I	Perylene-d12	20.000	20.000	0.0	118	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88	Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89	Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90 C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91	Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92	Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG No.: Q1903

Instrument ID: BNA_F Calibration Date/Time: 05/01/2025 10:17

Lab File ID: BF142250.D Init. Calib. Date(s): 04/30/2025 04/30/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:24 14:43

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.252	1.250		-0.2	
Phenol-d6	1.512	1.575		4.2	
Nitrobenzene-d5	0.304	0.333		9.5	
Naphthalene	0.997	1.030		3.3	
2-Fluorobiphenyl	1.418	1.409		-0.6	
Fluorene	1.299	1.322		1.8	
2,4,6-Tribromophenol	0.182	0.196		7.7	
Phenanthrene	1.080	1.116		3.3	
Anthracene	1.105	1.142		3.3	
Pyrene	1.845	1.938		5.0	
Terphenyl-d14	1.375	1.422		3.4	
Benzo (a) anthracene	1.343	1.378		2.6	
Chrysene	1.222	1.297		6.1	
Benzo (b) fluoranthene	1.242	1.242		0.0	
Benzo (a) pyrene	1.137	1.193		4.9	20.0
Indeno (1,2,3-cd) pyrene	1.465	1.533		4.6	
Benzo (g,h,i) perylene	1.195	1.250		4.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards

1) 1,4-Dichlorobenzene-d4	6.910	152	186578	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	719586	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	381198	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	647816	20.000	ng	0.00
76) Chrysene-d12	14.074	240	384442	20.000	ng	0.00
86) Perylene-d12	15.562	264	349272	20.000	ng	0.00

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

System Monitoring Compounds

5) 2-Fluorophenol	5.516	112	932561	79.825	ng	0.00
7) Phenol-d6	6.522	99	1175099	83.296	ng	0.00
23) Nitrobenzene-d5	7.475	82	958053	87.469	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	298805	85.983	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2147916	79.446	ng	0.00
79) Terphenyl-d14	13.021	244	2186580	82.722	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.699	88	216157	41.429	ng	98
3) Pyridine	3.463	79	571670	42.158	ng	98
4) n-Nitrosodimethylamine	3.410	42	297662	42.418	ng	97
6) Aniline	6.569	93	830257	41.579	ng	100
8) 2-Chlorophenol	6.687	128	475745	39.409	ng	98
9) Benzaldehyde	6.457	77	418699	42.464	ng	100
10) Phenol	6.540	94	617909m	40.684	ng	
11) bis(2-Chloroethyl)ether	6.640	93	494668	42.030	ng	99
12) 1,3-Dichlorobenzene	6.851	146	566821	41.505	ng	99
13) 1,4-Dichlorobenzene	6.928	146	569459	41.388	ng	100
14) 1,2-Dichlorobenzene	7.081	146	550181	41.885	ng	99
15) Benzyl Alcohol	7.045	79	411183	41.095	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	889834	41.870	ng	99
17) 2-Methylphenol	7.151	107	411493	41.610	ng	99
18) Hexachloroethane	7.422	117	188542	41.867	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	356048	40.842	ng	99
20) 3+4-Methylphenols	7.304	107	523765	42.351	ng	97
22) Acetophenone	7.316	105	690233	41.462	ng	98
24) Nitrobenzene	7.492	77	461069	42.902	ng	96
25) Isophorone	7.728	82	966817	42.059	ng	100
26) 2-Nitrophenol	7.804	139	140561	34.044	ng	99
27) 2,4-Dimethylphenol	7.834	122	485594	41.898	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	606286	41.820	ng	100
29) 2,4-Dichlorophenol	8.039	162	409683	42.280	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	453172	41.910	ng	99
31) Naphthalene	8.216	128	1482230	41.304	ng	100
32) Benzoic acid	7.928	122	168727m	34.514	ng	
33) 4-Chloroaniline	8.257	127	622889	41.683	ng	100
34) Hexachlorobutadiene	8.334	225	267370	42.382	ng	100
35) Caprolactam	8.622	113	129344	44.410	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	431195	43.337	ng	99
37) 2-Methylnaphthalene	8.904	142	913767	41.414	ng	99
38) 1-Methylnaphthalene	9.004	142	950787	41.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	435999	40.641	ng	100
41) Hexachlorocyclopentadiene	9.057	237	241144	39.605	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	269577	40.551	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.210	196	294308	42.108	ng	99	05/02/2025
46) 1,1'-Biphenyl	9.369	154	1212716	40.922	ng	99	Supervised By :Jagrut
47) 2-Chloronaphthalene	9.392	162	896541	40.663	ng	99	Upadhyay
48) 2-Nitroaniline	9.480	65	211351	37.508	ng	97	
49) Acenaphthylene	9.810	152	1521943	40.906	ng	100	
50) Dimethylphthalate	9.669	163	1026519	42.093	ng	100	
51) 2,6-Dinitrotoluene	9.728	165	176156	38.527	ng	98	05/02/2025
52) Acenaphthene	9.980	154	903201	41.576	ng	100	
53) 3-Nitroaniline	9.892	138	225294	40.152	ng	100	
54) 2,4-Dinitrophenol	9.992	184	42525	37.926	ng	# 1	
55) Dibenzofuran	10.151	168	1350916	41.484	ng	99	
56) 4-Nitrophenol	10.039	139	159868	41.706	ng	98	
57) 2,4-Dinitrotoluene	10.128	165	220248	39.850	ng	99	
58) Fluorene	10.498	166	1007989	40.709	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.263	232	245919	42.475	ng	99	
60) Diethylphthalate	10.369	149	1030685	42.799	ng	99	
61) 4-Chlorophenyl-phenyle...	10.486	204	486030	41.333	ng	99	
62) 4-Nitroaniline	10.504	138	215440	42.018	ng	98	
63) Azobenzene	10.645	77	996298	41.895	ng	98	
65) 4,6-Dinitro-2-methylph...	10.533	198	69294	35.905	ng	99	
66) n-Nitrosodiphenylamine	10.604	169	914630	41.322	ng	100	
67) 4-Bromophenyl-phenylether	10.980	248	304870	42.258	ng	99	
68) Hexachlorobenzene	11.039	284	332960	41.207	ng	94	
69) Atrazine	11.127	200	264074	45.262	ng	100	
70) Pentachlorophenol	11.233	266	177109	41.491	ng	99	
71) Phenanthrene	11.457	178	1446110	41.326	ng	100	
72) Anthracene	11.510	178	1479001	41.339	ng	100	
73) Carbazole	11.663	167	1352106	41.429	ng	100	
74) Di-n-butylphthalate	11.998	149	1472584	44.864	ng	100	
75) Fluoranthene	12.645	202	1485579	42.947	ng	100	
77) Benzidine	12.769	184	754042	46.160	ng	99	
78) Pyrene	12.874	202	1490017	42.016	ng	100	
80) Butylbenzylphthalate	13.498	149	385725	40.417	ng	98	
81) Benzo(a)anthracene	14.063	228	1059415	41.049	ng	99	
82) 3,3'-Dichlorobenzidine	14.027	252	323049	42.615	ng	100	
83) Chrysene	14.104	228	997135	42.445	ng	100	
84) Bis(2-ethylhexyl)phtha...	14.057	149	477774	36.467	ng	100	
85) Di-n-octyl phthalate	14.674	149	782817	33.845	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.074	276	1071010	41.864	ng	100	
88) Benzo(b)fluoranthene	15.127	252	867766	39.998	ng	99	
89) Benzo(k)fluoranthene	15.157	252	866064	43.643	ng	99	
90) Benzo(a)pyrene	15.504	252	833612	41.969	ng	99	
91) Dibenzo(a,h)anthracene	17.098	278	878980	42.333	ng	99	
92) Benzo(g,h,i)perylene	17.533	276	873517	41.848	ng	100	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

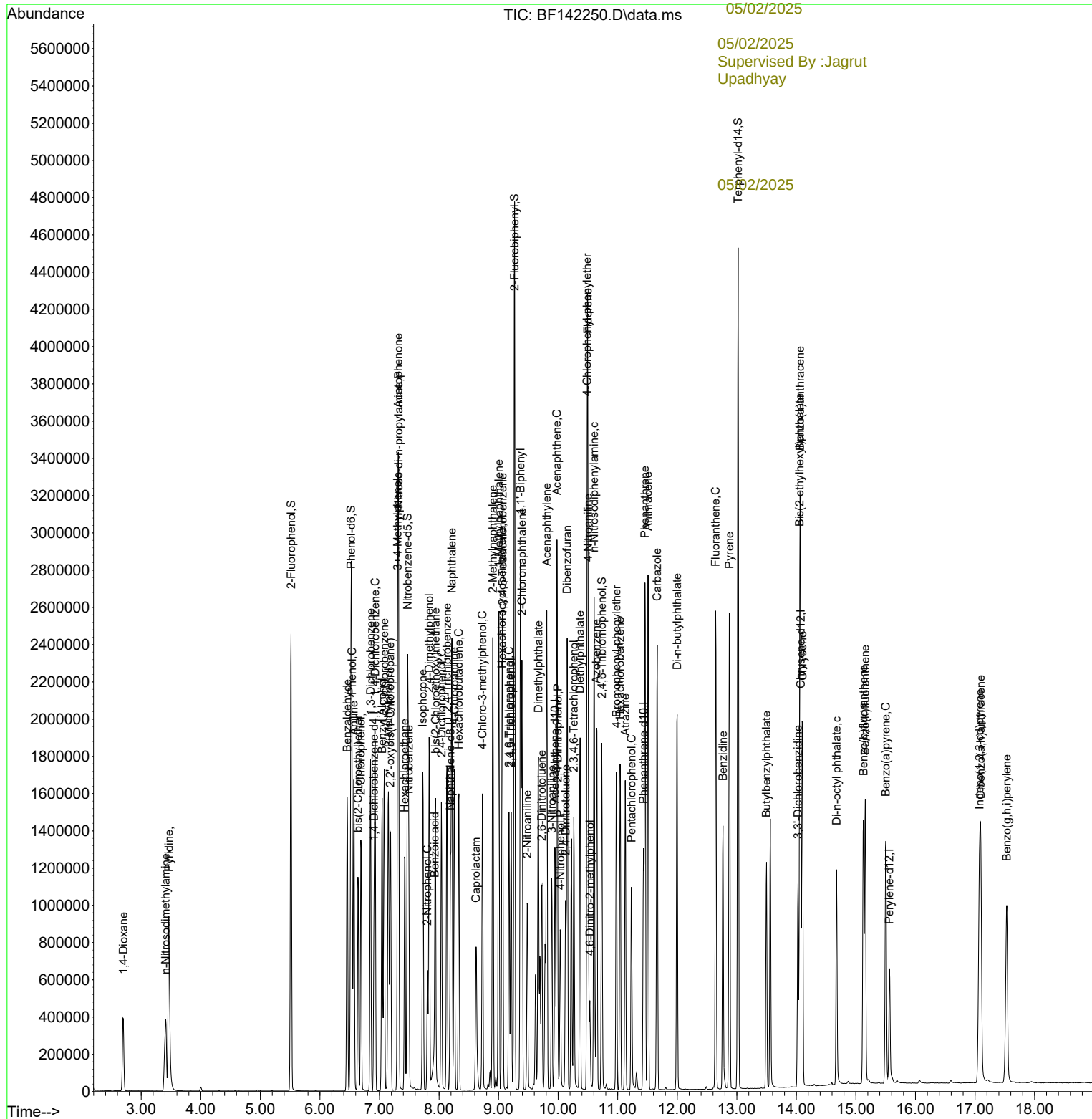
Manual Integrations APPROVED

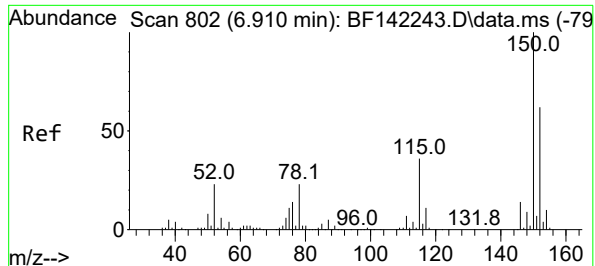
Reviewed By :Rahul
 Chavli

05/02/2025

Supervised By :Jagrut
 Upadhyay
 05/02/2025

05/02/2025
 Supervised By :Jagrut
 Upadhyay





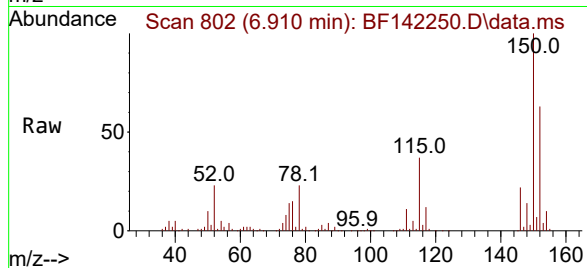
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 186578
Ion Ratio Lower Upper
152 100
150 159.1 130.2 195.2
115 58.3 47.0 70.4

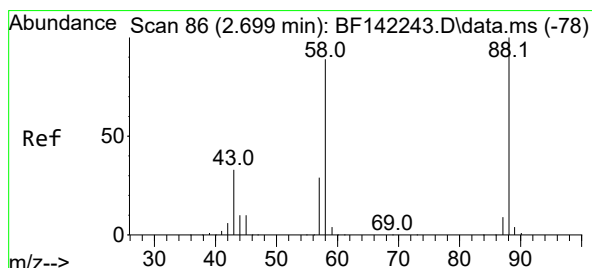
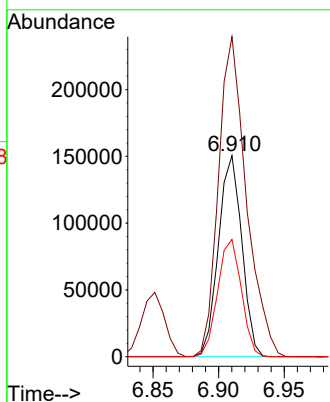
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

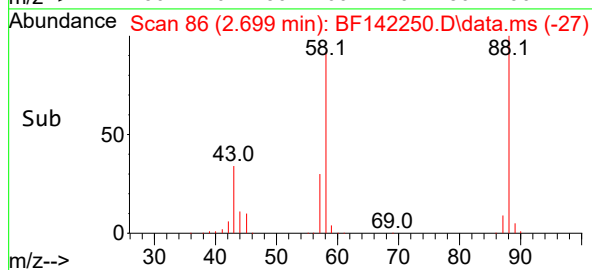
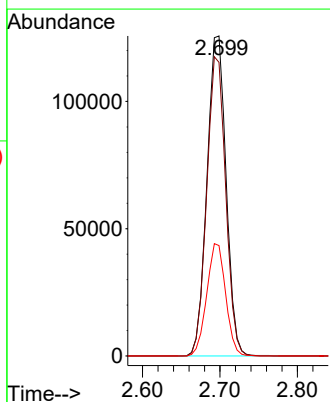
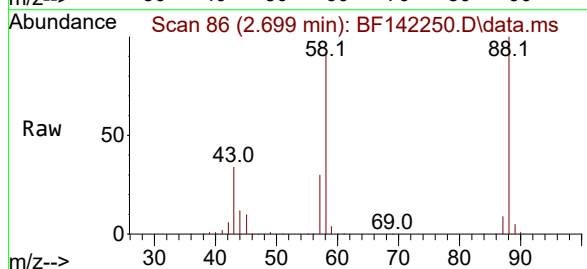
Supervised By :Jagrut
Upadhyay
05/02/2025

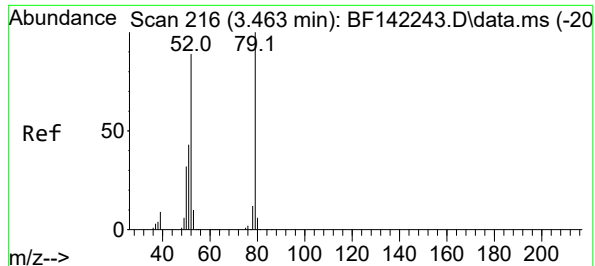
05/02/2025
Supervised By :Jagrut
Upadhyay



#2
1,4-Dioxane
Concen: 41.429 ng
RT: 2.699 min Scan# 86
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

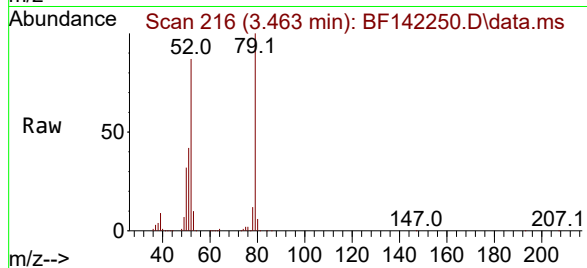
Tgt Ion: 88 Resp: 216157
Ion Ratio Lower Upper
88 100
58 92.7 72.2 108.2
43 34.7 27.0 40.6





#3
Pyridine
Concen: 42.158 ng
RT: 3.463 min Scan# 216
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 571670
Ion Ratio Lower Upper
79 100
52 87.4 71.5 107.3
51 42.2 34.5 51.7

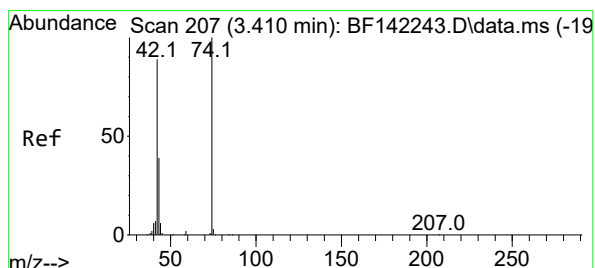
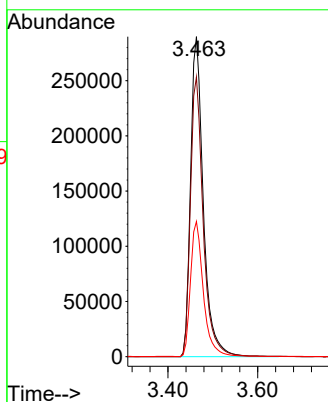
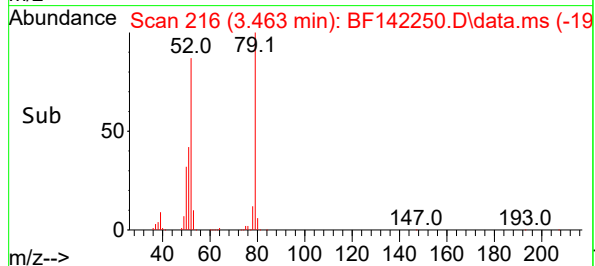
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

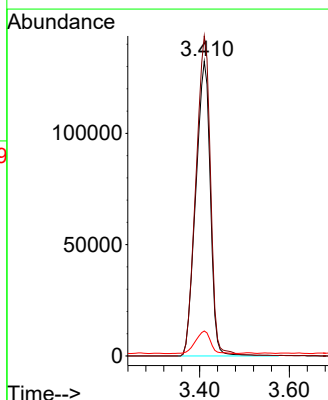
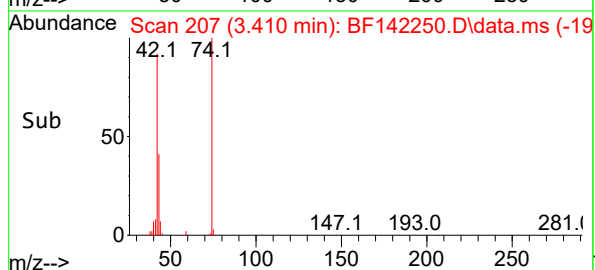
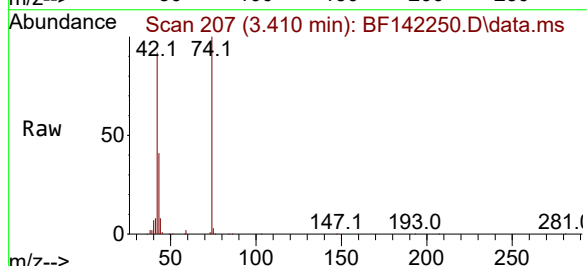
Supervised By :Jagrut
Upadhyay
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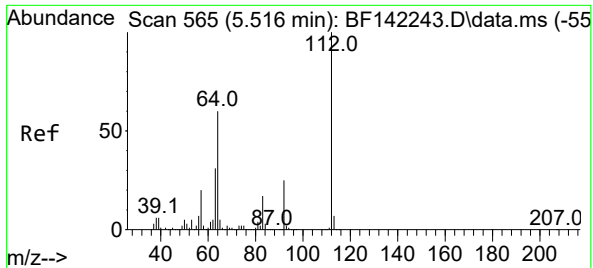
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Supervised By :Jagrut
Upadhyay



#4
n-Nitrosodimethylamine
Concen: 42.418 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion: 42 Resp: 297662
Ion Ratio Lower Upper
42 100
74 108.6 89.5 134.3
44 8.5 6.6 9.8





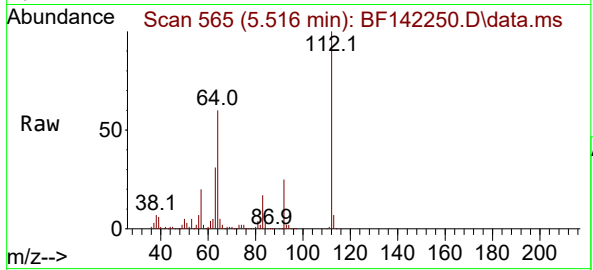
#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:112 Resp: 93256
Ion Ratio Lower Upper
112 100
64 59.8 48.4 72.6
63 30.8 24.8 37.2

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Chavli

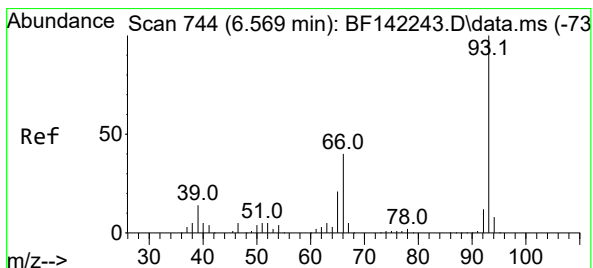
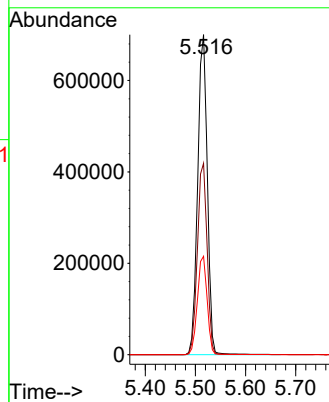
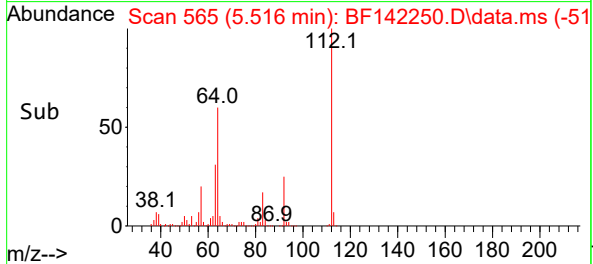
05/02/2025

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Upadhyay
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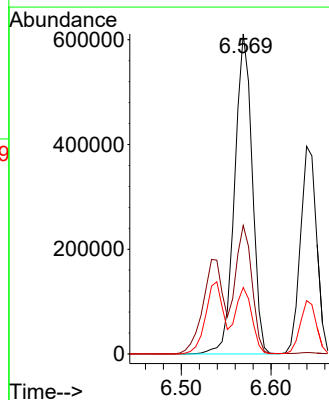
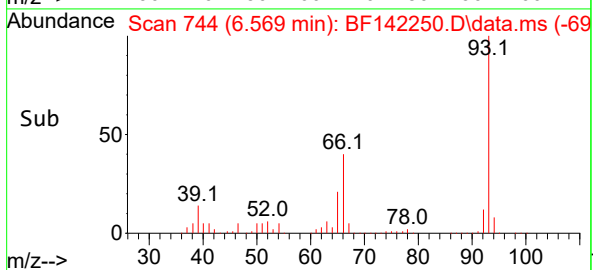
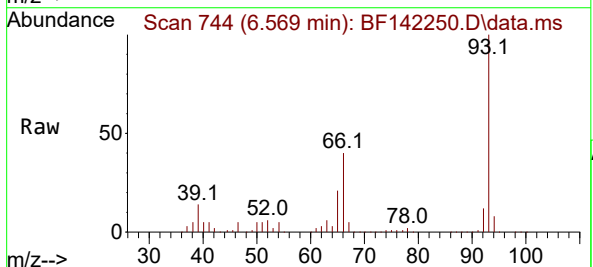
Supervised By :Jagrut
Upadhyay

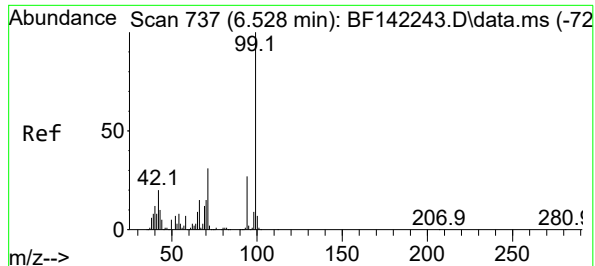
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#6
Aniline
Concen: 41.579 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

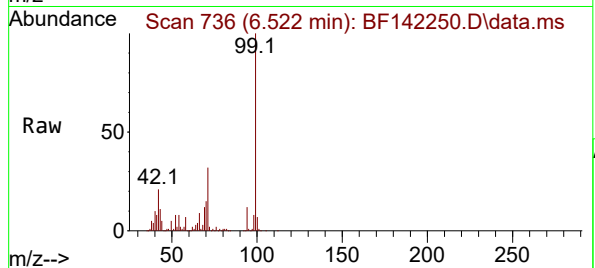
Tgt Ion: 93 Resp: 830257
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.7 16.6 24.8





#7
Phenol-d6
Concen: 83.296 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 1175099
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 31.9 25.0 37.4

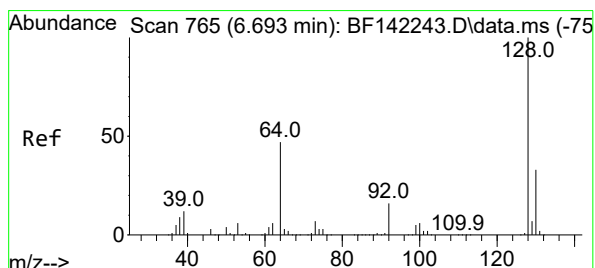
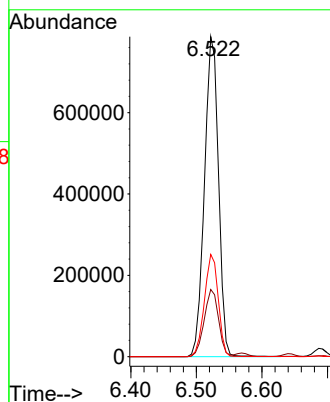
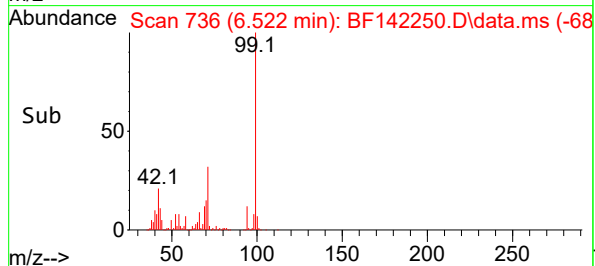
Manual Integrations
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Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay
05/02/2025

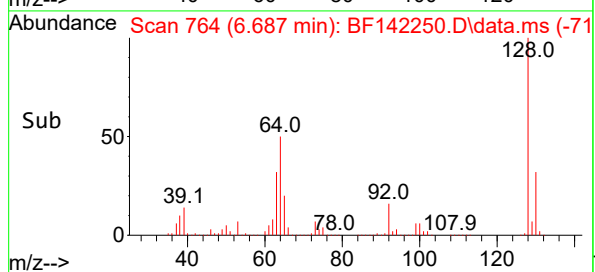
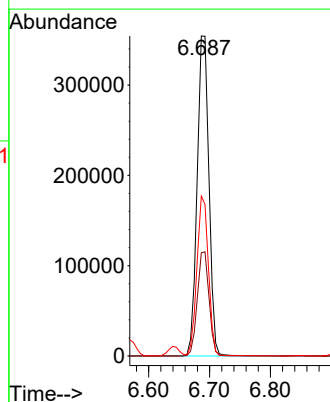
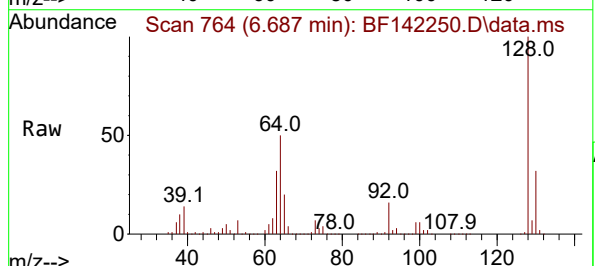
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Supervised By :Jagrut
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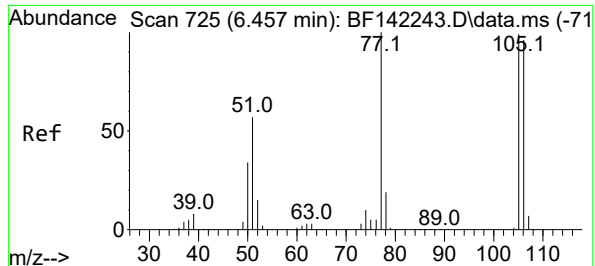
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#8
2-Chlorophenol
Concen: 39.409 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:128 Resp: 475745
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 49.9 28.6 68.6





#9

Benzaldehyde

Concen: 42.464 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142250.D

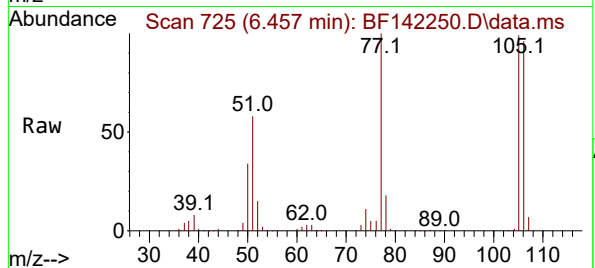
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 41869

Ion Ratio Lower Upper

77 100

105 98.6 79.1 119.1

106 95.6 76.0 116.0

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Supervised By :Jagrut

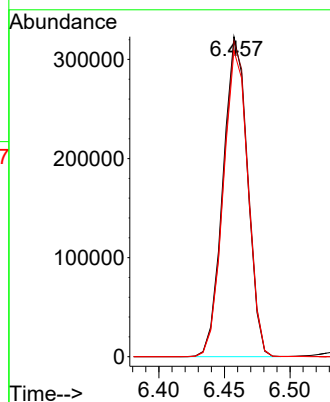
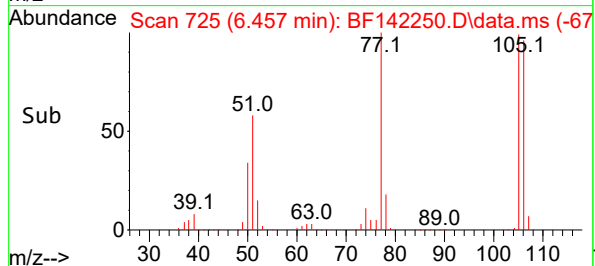
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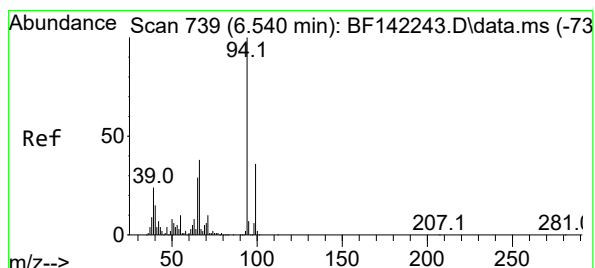
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#10

Phenol

Concen: 40.684 ng m

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

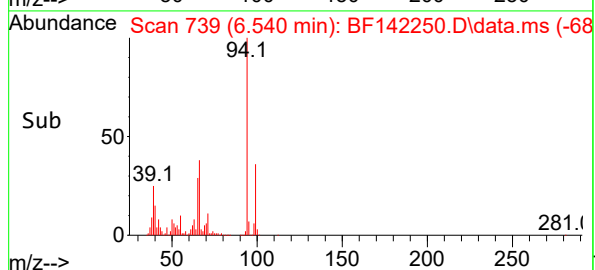
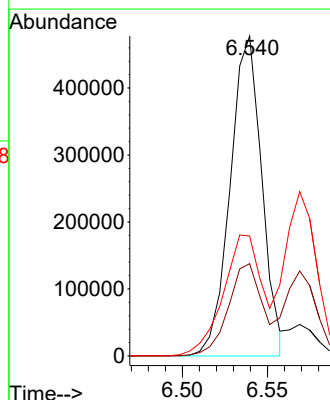
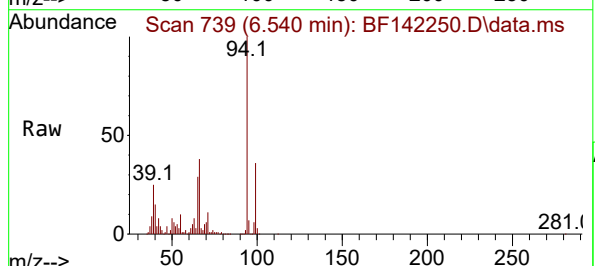
Tgt Ion: 94 Resp: 617909

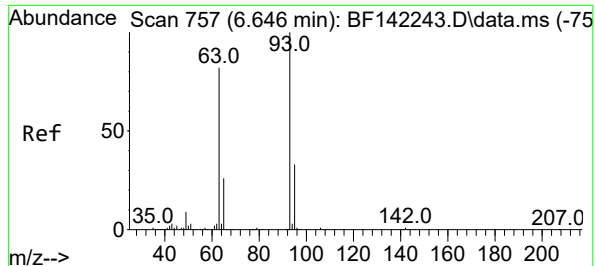
Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 37.5 18.7 58.7





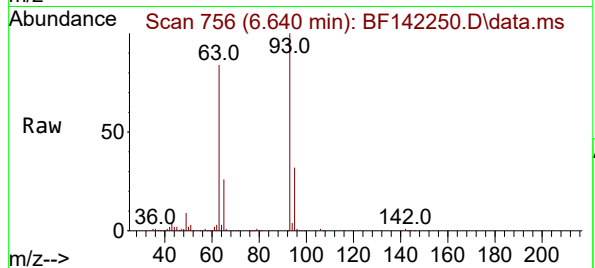
#11
bis(2-Chloroethyl)ether
Concen: 42.030 ng
RT: 6.640 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 93 Resp: 494668
Ion Ratio Lower Upper
93 100
63 83.6 62.2 102.2
95 32.2 12.7 52.7

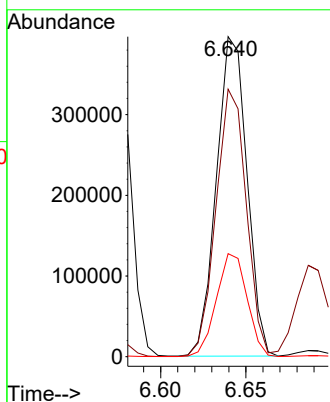
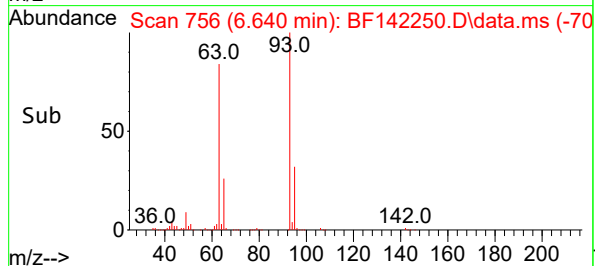
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Reviewed By :Rahul
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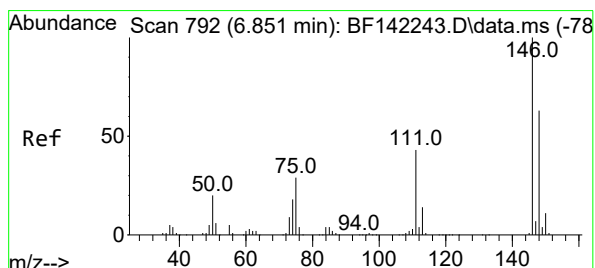
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Supervised By :Jagrut
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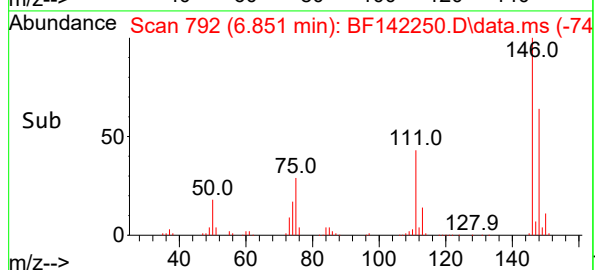
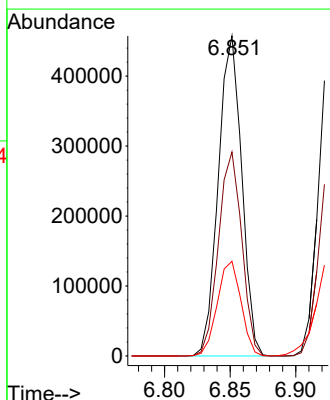
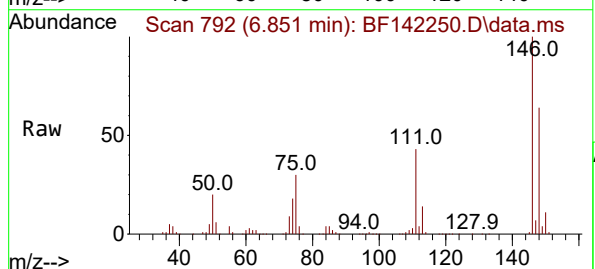


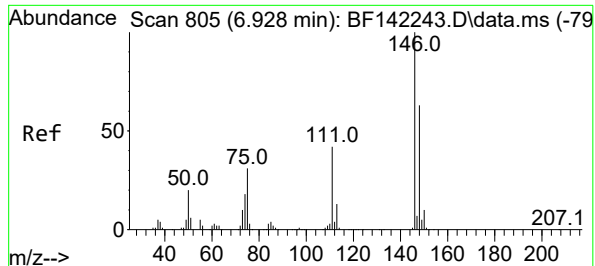
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#12
1,3-Dichlorobenzene
Concen: 41.505 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:146 Resp: 566821
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.6 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.388 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142250.D

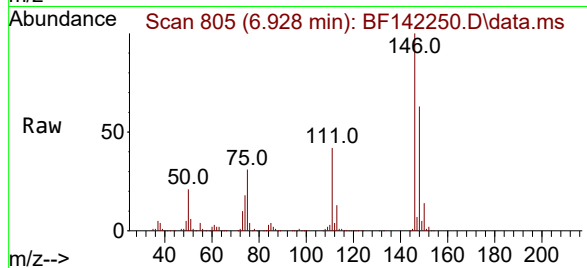
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 569459

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

111 42.0 33.4 50.0

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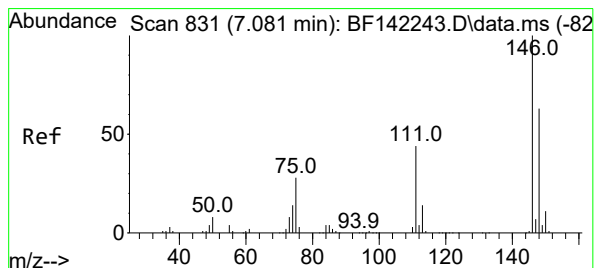
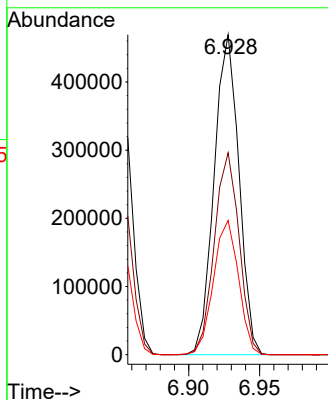
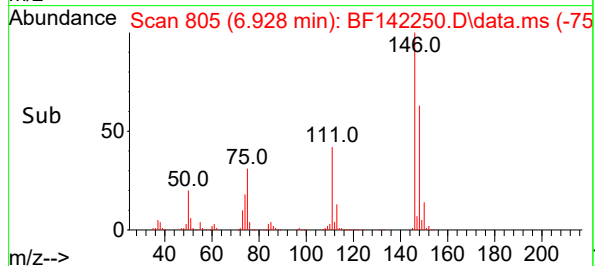
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Supervised By :Jagrut

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#14

1,2-Dichlorobenzene

Concen: 41.885 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

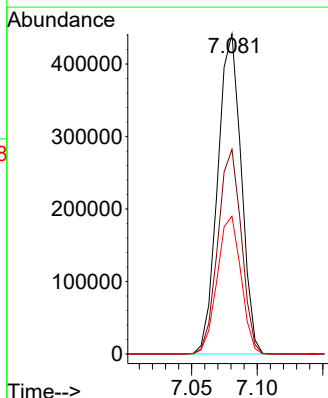
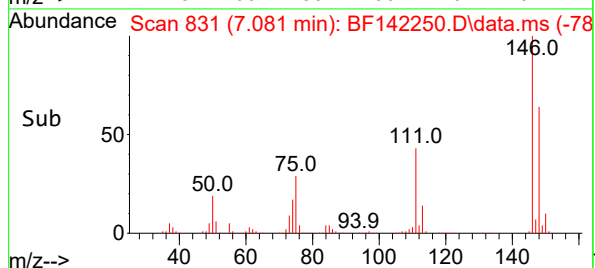
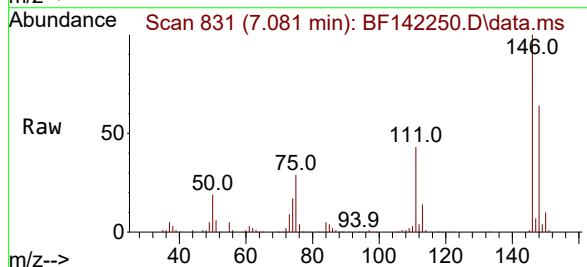
Tgt Ion:146 Resp: 550181

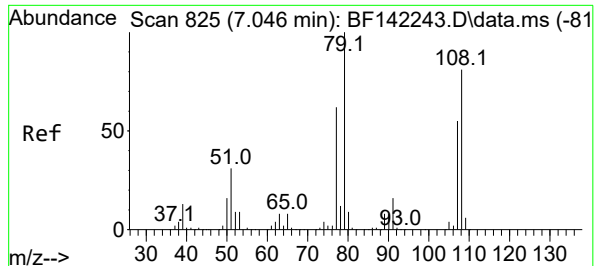
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

111 43.0 34.9 52.3





#15

Benzyl Alcohol

Concen: 41.095 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 41118

Ion Ratio Lower Upper

79 100

108 81.7 64.5 96.7

77 62.1 49.2 73.8

Manual Integrations

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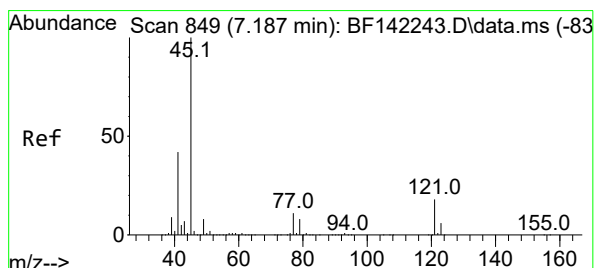
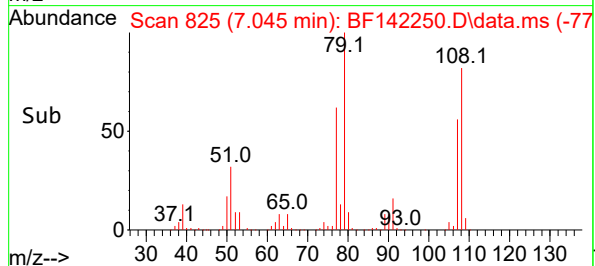
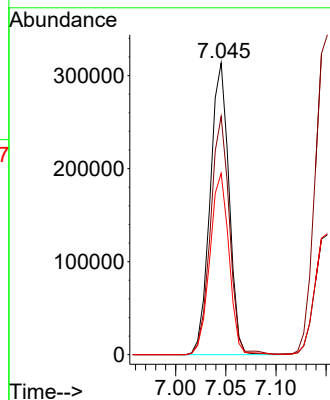
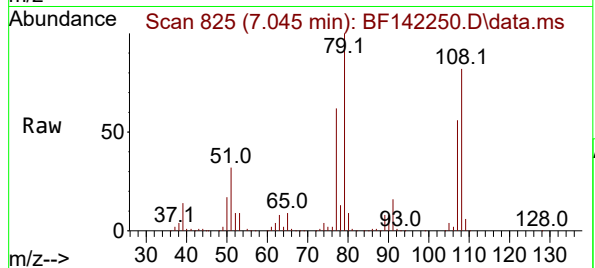
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05/02/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.870 ng

RT: 7.181 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

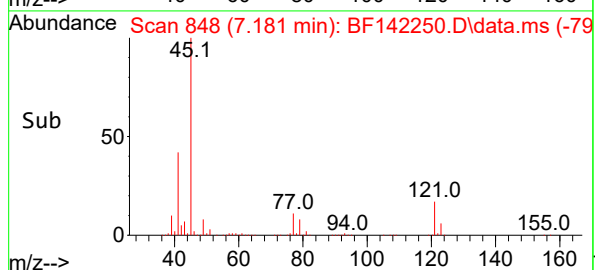
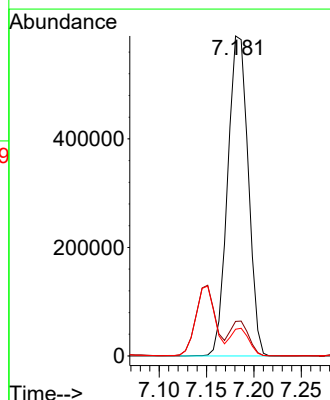
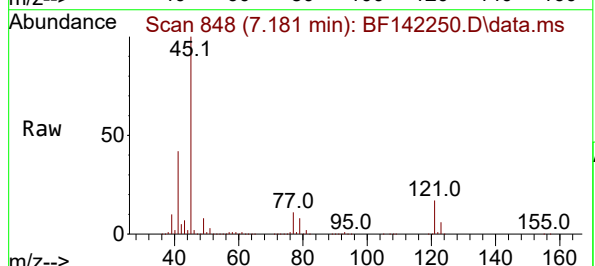
Tgt Ion: 45 Resp: 889834

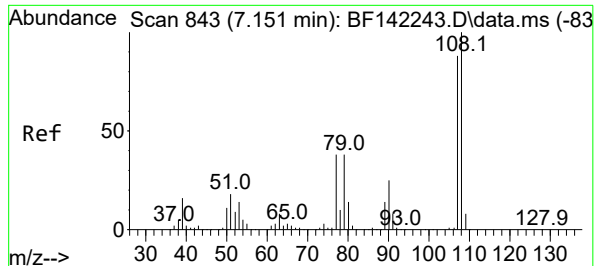
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.3

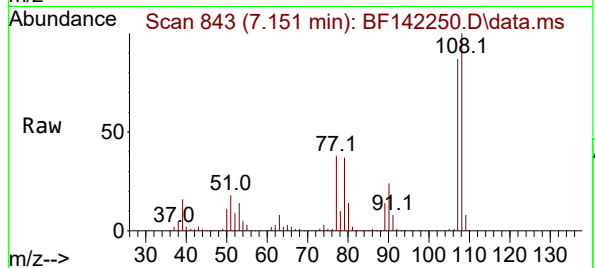
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 41.610 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



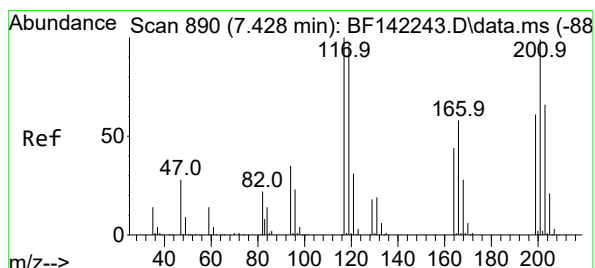
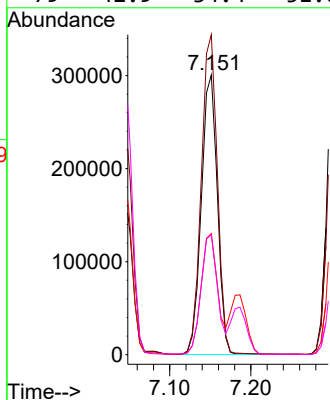
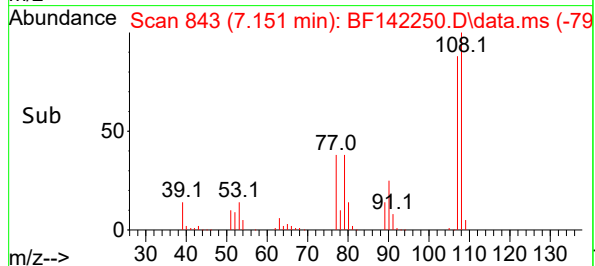
Tgt Ion:107 Resp: 41149
Ion Ratio Lower Upper
107 100
108 114.4 91.0 136.4
77 43.3 34.4 51.6
79 42.9 34.4 51.6

Manual Integrations
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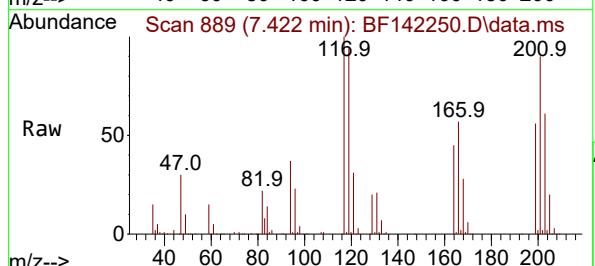
Reviewed By :Rahul
Chavli
05/02/2025

Supervised By :Jagrut
Upadhyay
05/02/2025

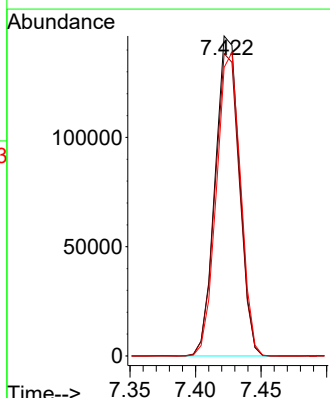
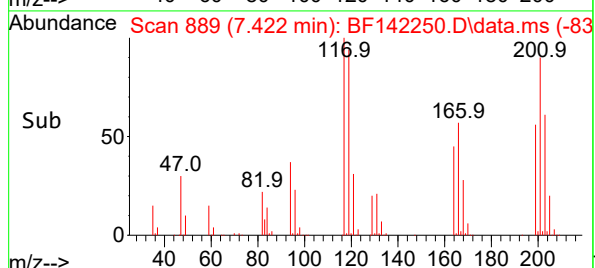
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Supervised By :Jagrut
Upadhyay

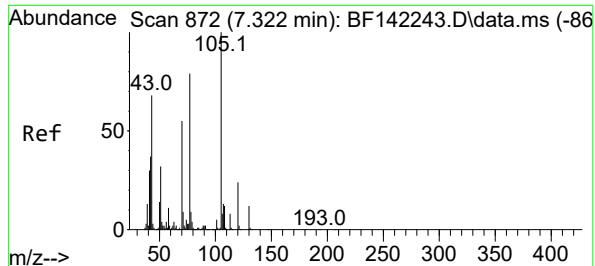


#18
Hexachloroethane
Concen: 41.867 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17



Tgt Ion:117 Resp: 188542
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7
201 90.2 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.842 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142250.D

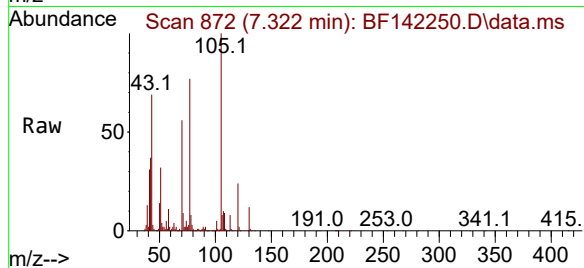
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 35604

Ion Ratio Lower Upper

70 100

42 66.0 53.4 80.2

101 9.7 7.7 11.5

130 21.3 17.2 25.8

Manual Integrations

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Reviewed By :Rahul

Chavli

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Supervised By :Jagrut

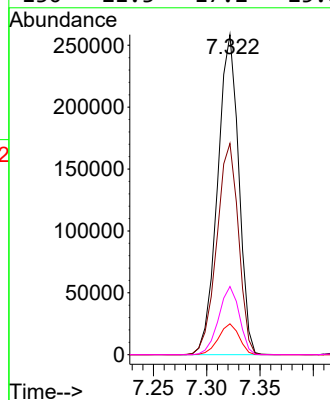
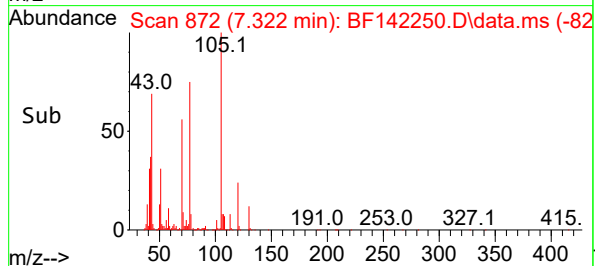
Upadhyay

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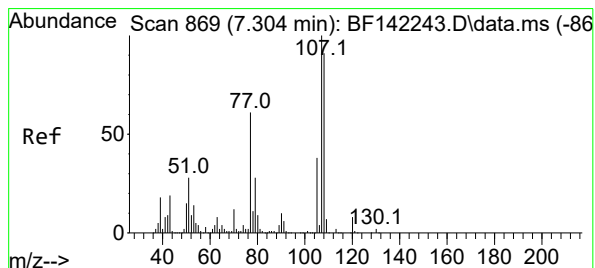
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#20

3+4-Methylphenols

Concen: 42.351 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Tgt Ion:107 Resp: 523765

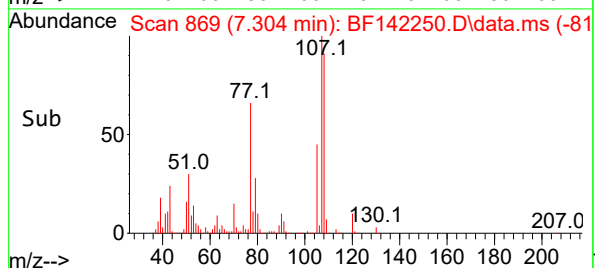
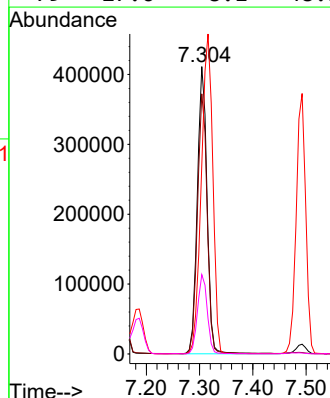
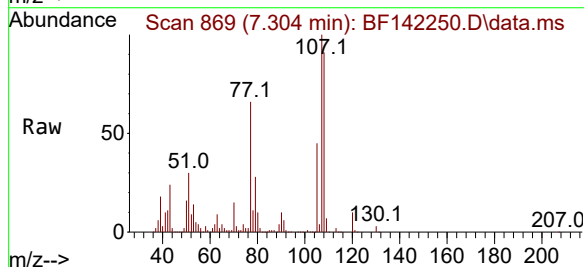
Ion Ratio Lower Upper

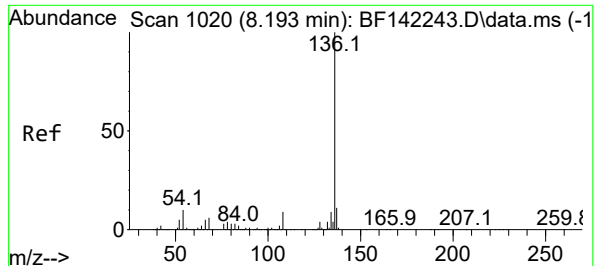
107 100

108 90.6 71.2 111.2

77 65.8 41.1 81.1

79 27.6 8.1 48.1





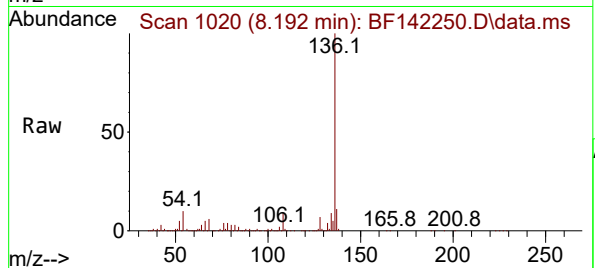
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:136 Resp: 719580
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.1 5.0 7.6

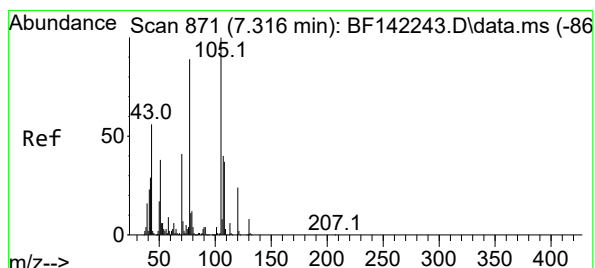
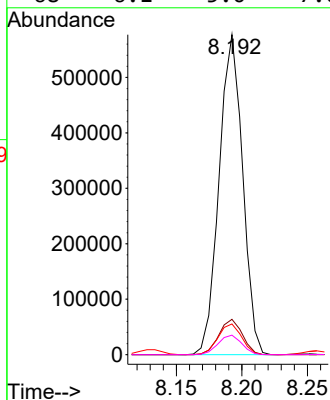
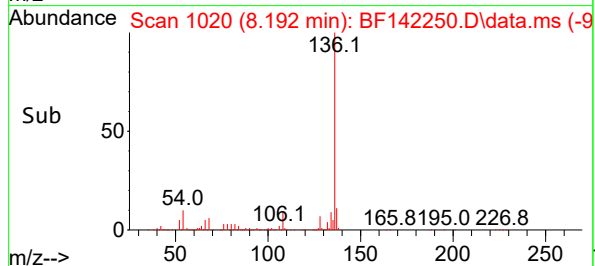
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Reviewed By :Rahul
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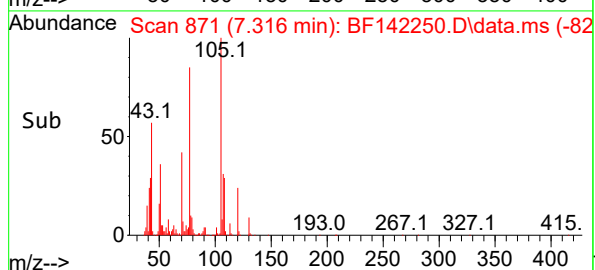
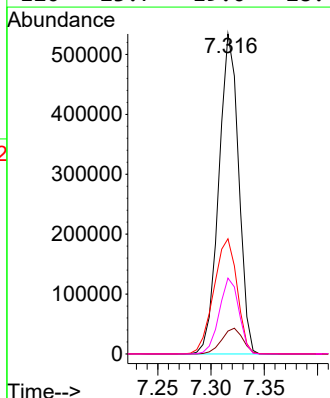
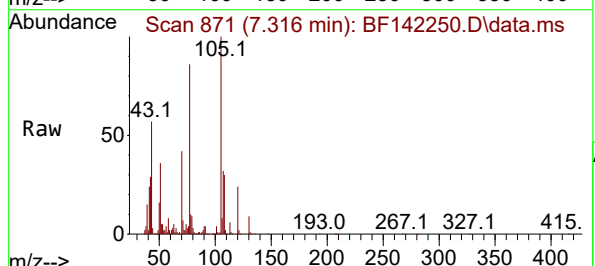
Supervised By :Jagrut
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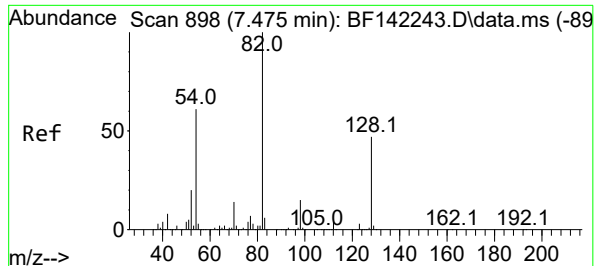
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Supervised By :Jagrut
Upadhyay



#22
Acetophenone
Concen: 41.462 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:105 Resp: 690233
Ion Ratio Lower Upper
105 100
71 7.2 5.7 8.5
51 36.0 30.1 45.1
120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 87.469 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 95805

Ion Ratio Lower Upper

82 100

128 42.5 37.0 55.6

54 59.1 48.0 72.0

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Supervised By :Jagrut

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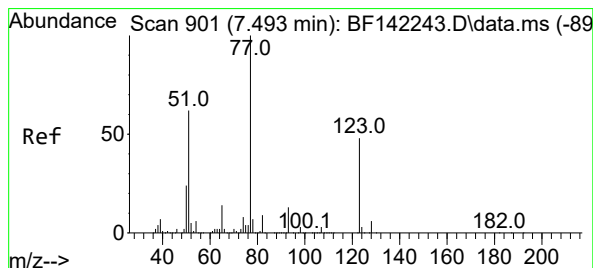
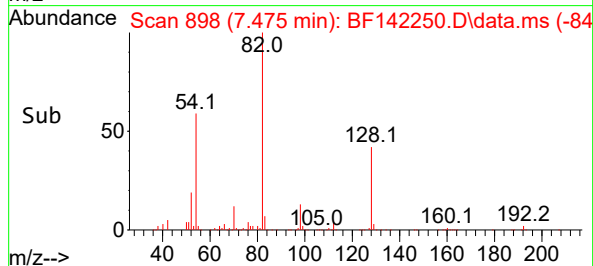
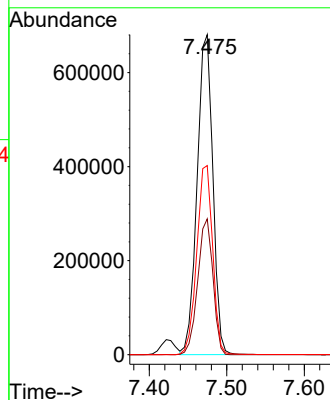
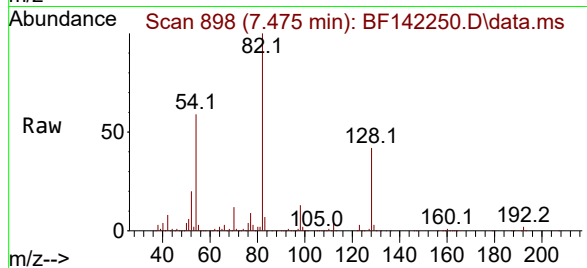
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#24

Nitrobenzene

Concen: 42.902 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

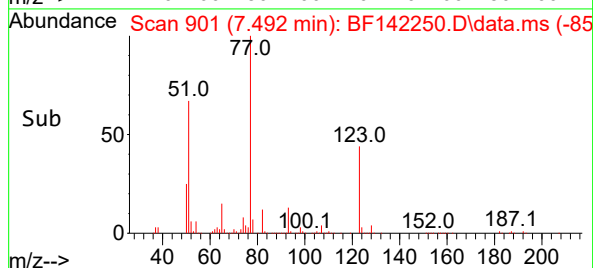
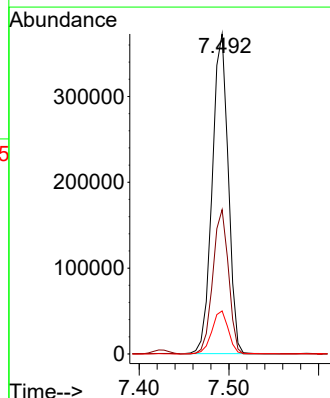
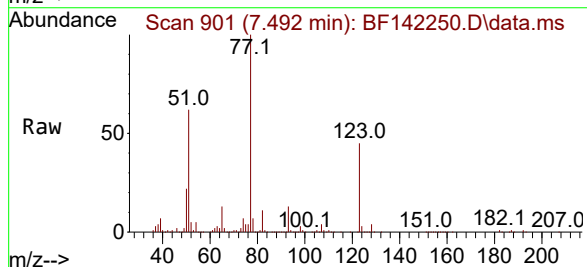
Tgt Ion: 77 Resp: 461069

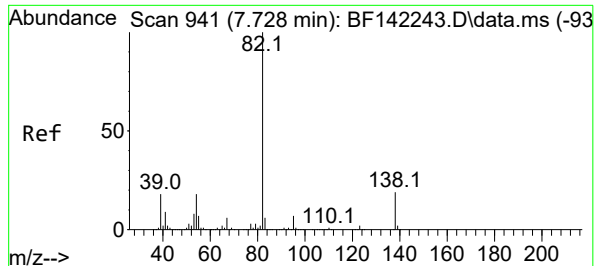
Ion Ratio Lower Upper

77 100

123 45.1 38.6 58.0

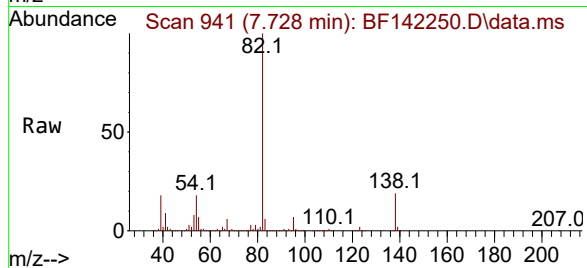
65 13.5 11.5 17.3





#25
Isophorone
Concen: 42.059 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



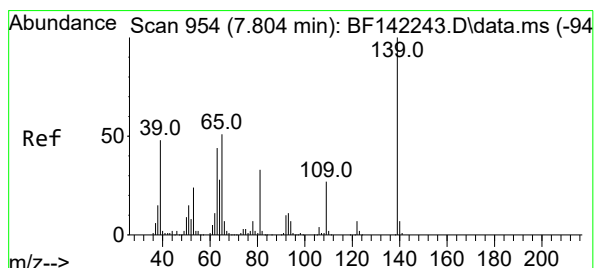
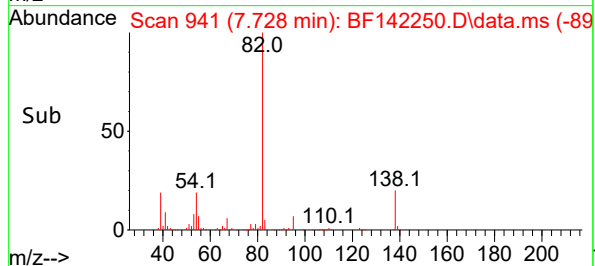
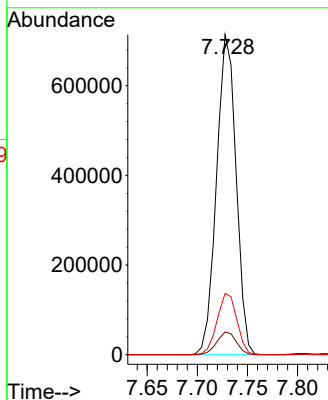
Tgt Ion: 82 Resp: 96681
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.2 15.3 22.9

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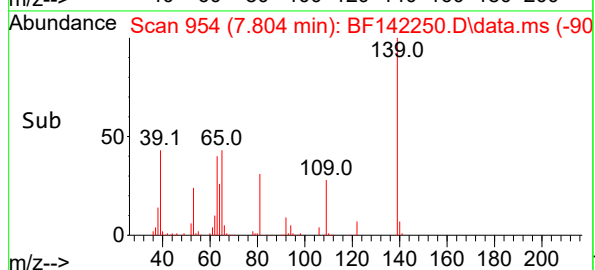
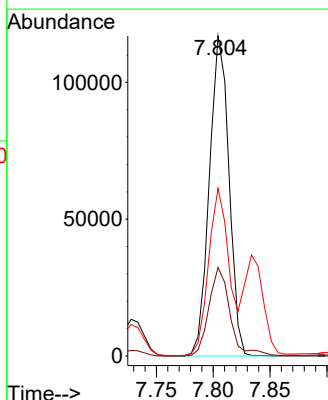
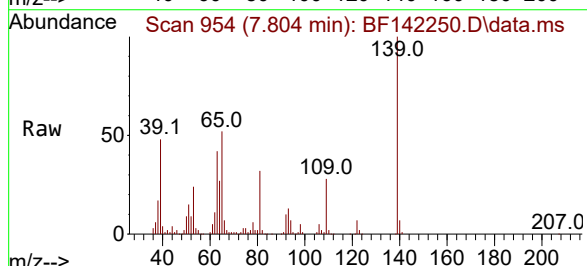
Supervised By :Jagrut
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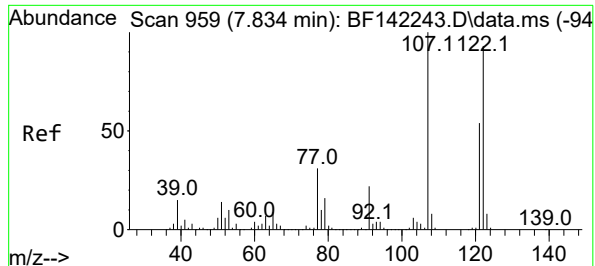
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#26
2-Nitrophenol
Concen: 34.044 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:139 Resp: 140561
Ion Ratio Lower Upper
139 100
109 27.7 21.8 32.8
65 52.3 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.898 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 485594

Ion Ratio Lower Upper

122 100

107 107.9 86.0 129.0

121 57.8 46.3 69.5

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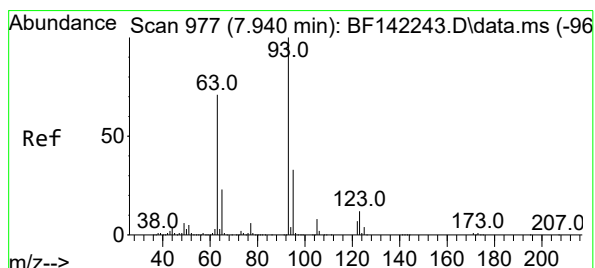
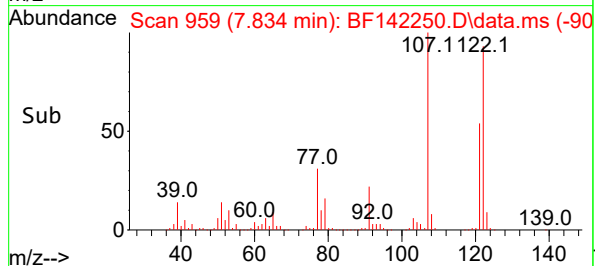
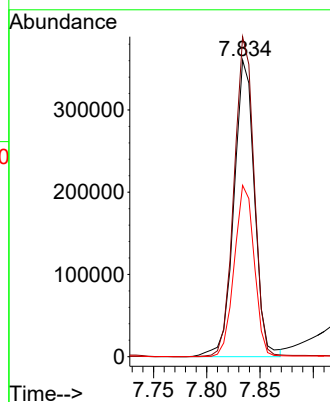
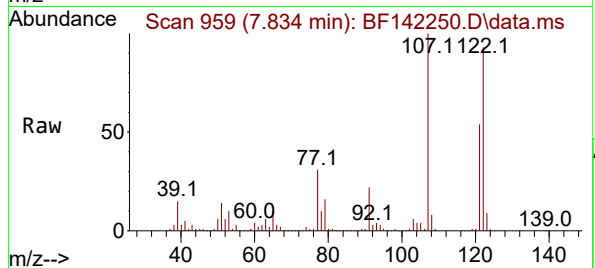
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#28

bis(2-Chloroethoxy)methane

Concen: 41.820 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

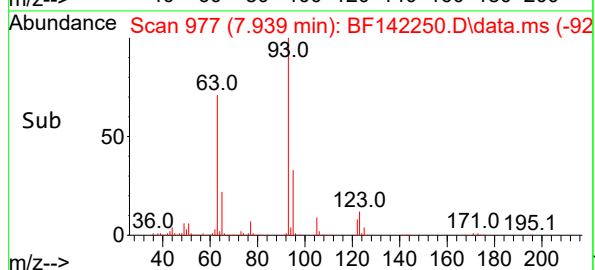
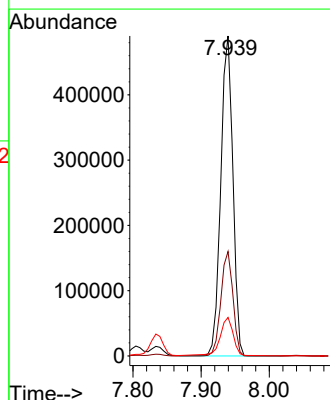
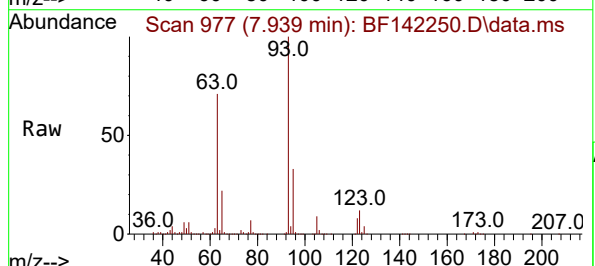
Tgt Ion: 93 Resp: 606286

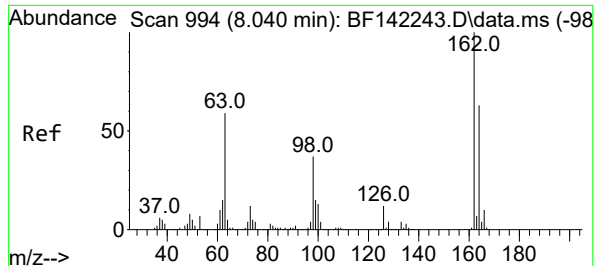
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.0 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 42.280 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142250.D

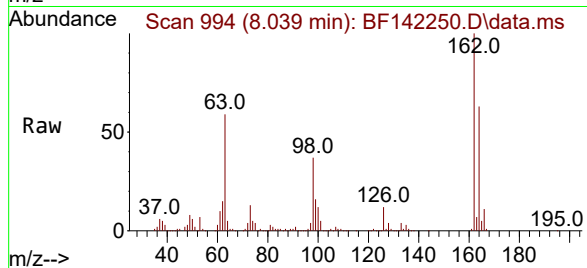
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 40968

Ion Ratio Lower Upper

162 100

164 63.5 43.0 83.0

98 36.9 16.7 56.7

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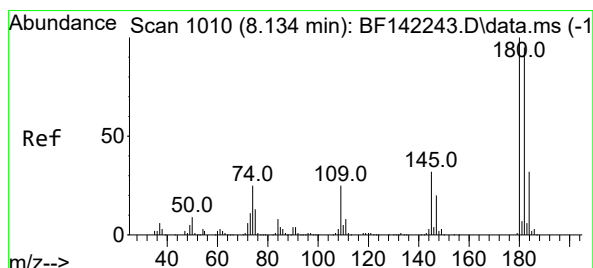
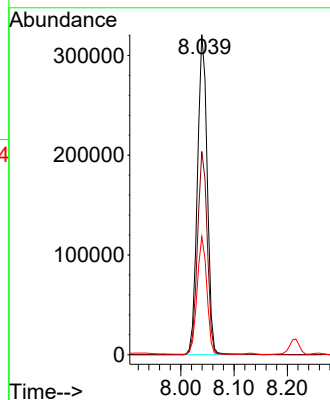
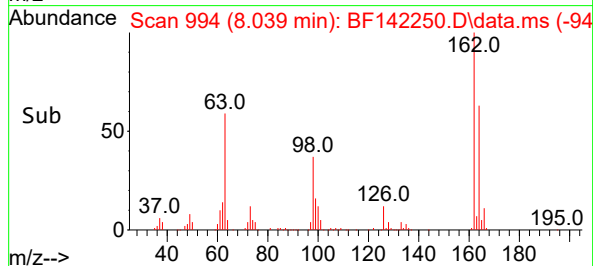
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#30

1,2,4-Trichlorobenzene

Concen: 41.910 ng

RT: 8.134 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

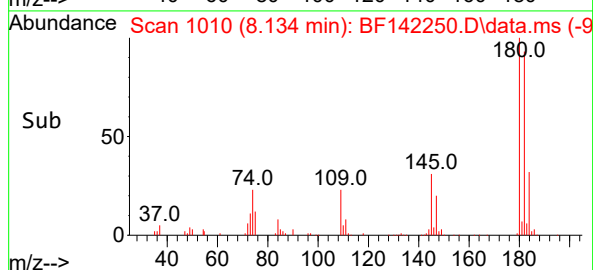
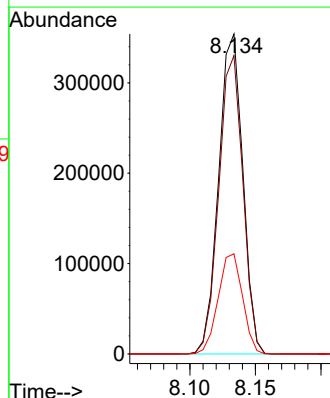
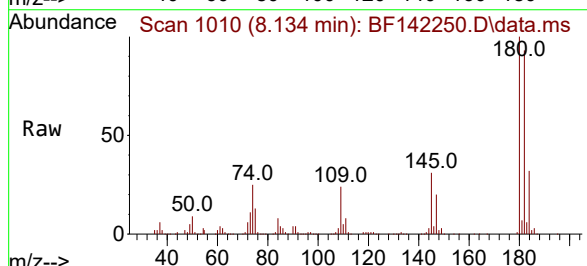
Tgt Ion:180 Resp: 453172

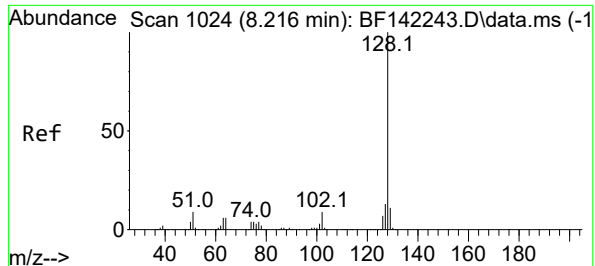
Ion Ratio Lower Upper

180 100

182 93.3 75.7 113.5

145 31.3 25.4 38.0





#31

Naphthalene

Concen: 41.304 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142250.D

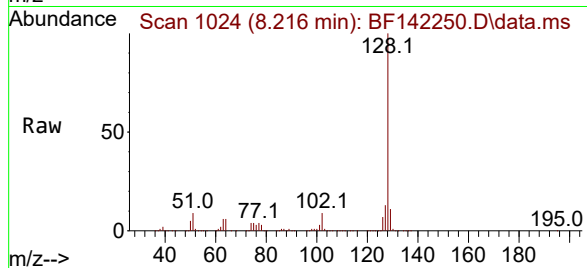
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:128 Resp: 1482230

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.2 10.6 15.8

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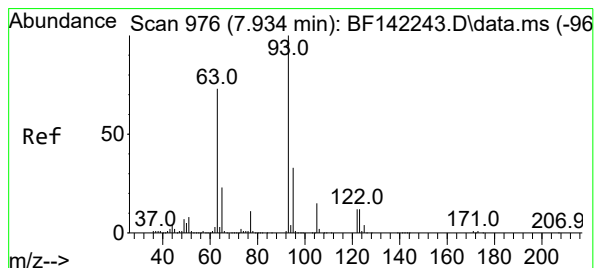
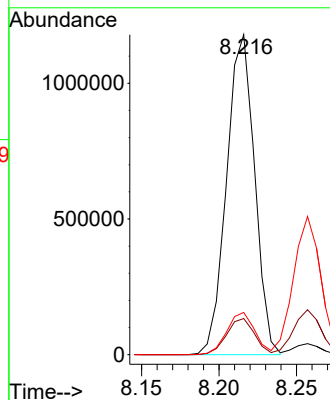
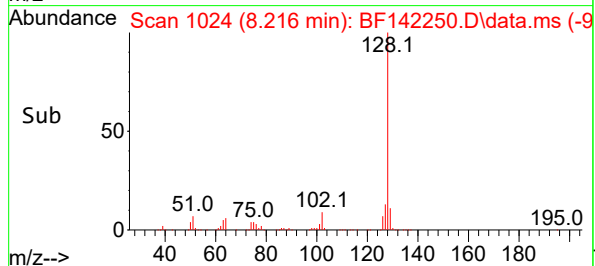
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#32

Benzoic acid

Concen: 34.514 ng m

RT: 7.928 min Scan# 975

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

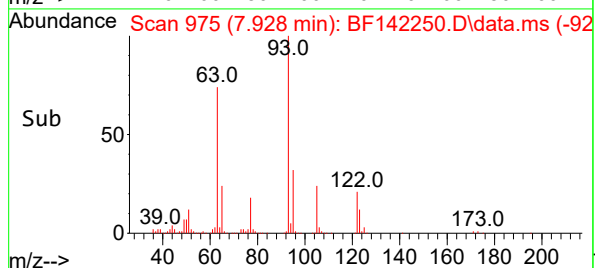
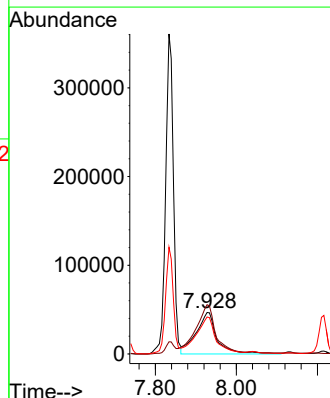
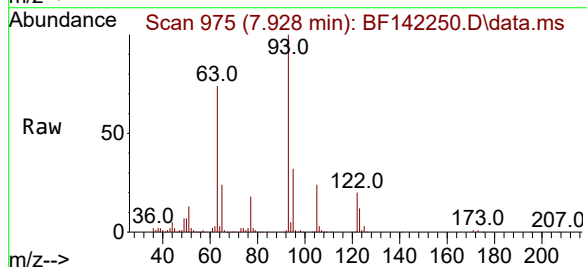
Tgt Ion:122 Resp: 168727

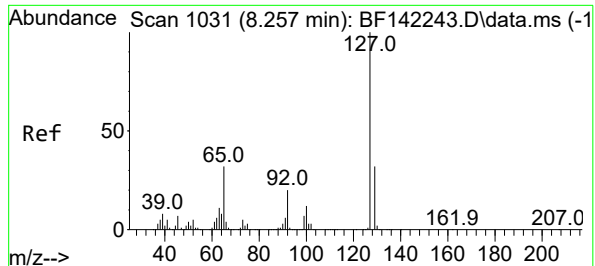
Ion Ratio Lower Upper

122 100

105 118.8 98.2 138.2

77 89.1 66.8 106.8





#33

4-Chloroaniline

Concen: 41.683 ng

RT: 8.257 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 622889

Ion Ratio Lower Upper

127 100

129 32.6 26.1 39.1

65 31.6 25.5 38.3

92 19.3 15.4 23.2

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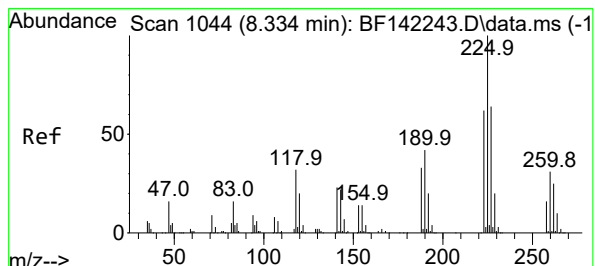
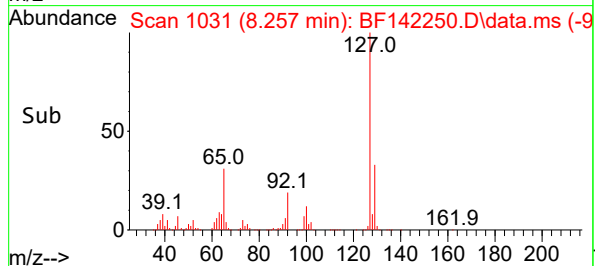
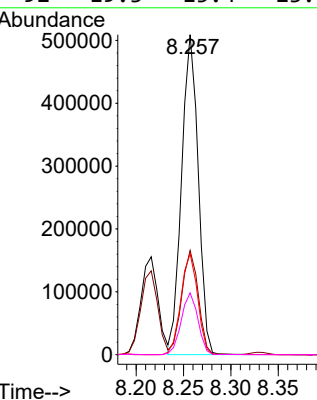
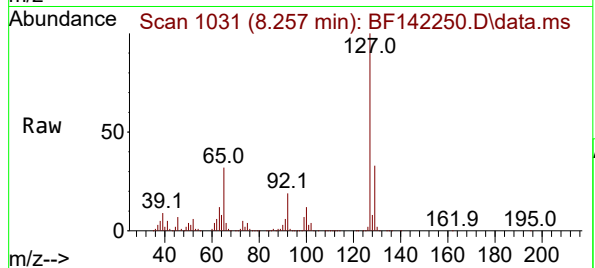
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#34

Hexachlorobutadiene

Concen: 42.382 ng

RT: 8.334 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

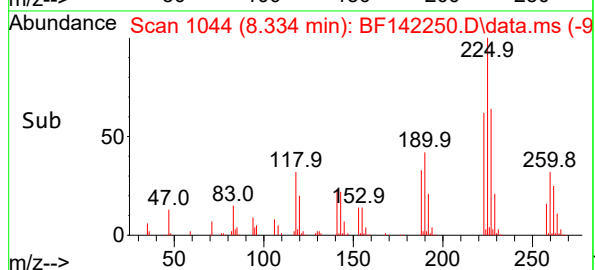
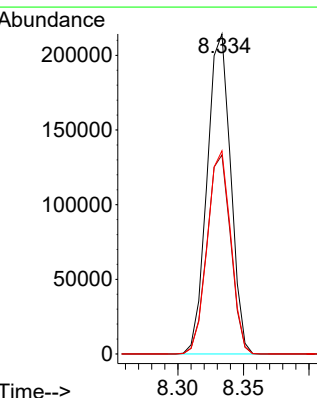
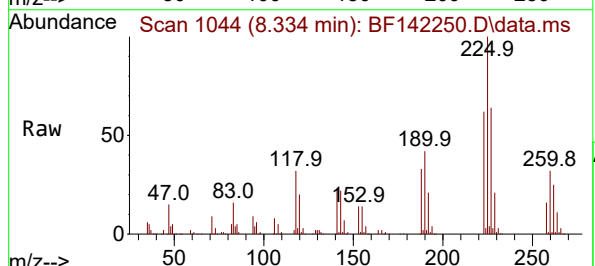
Tgt Ion:225 Resp: 267370

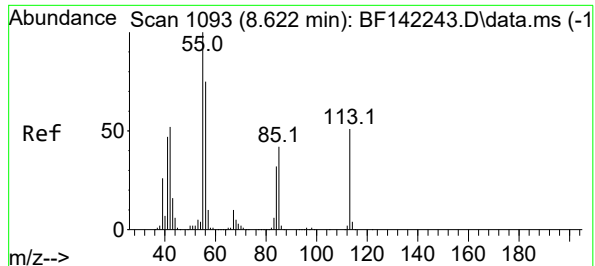
Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

227 63.5 51.0 76.4





#35

Caprolactam

Concen: 44.410 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.000 min

Lab File: BF142250.D

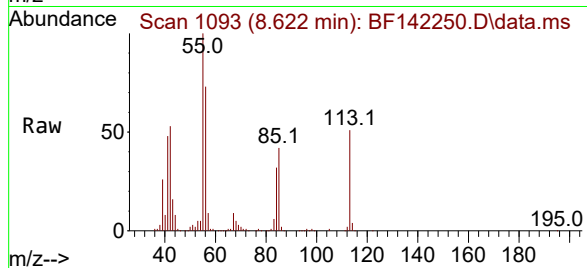
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:113 Resp: 129344

Ion Ratio Lower Upper

113 100

55 195.1 177.7 217.7

56 143.4 127.1 167.1

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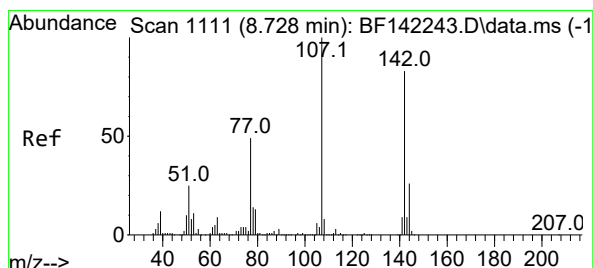
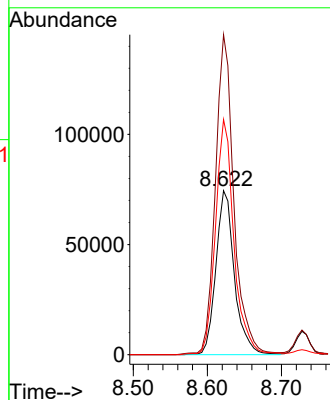
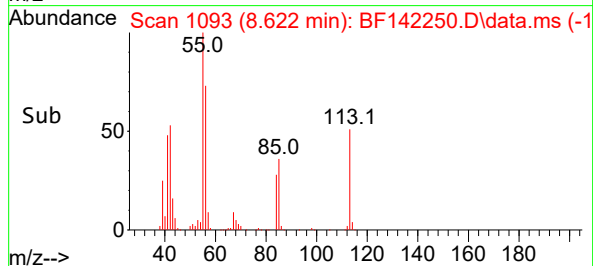
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#36

4-Chloro-3-methylphenol

Concen: 43.337 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

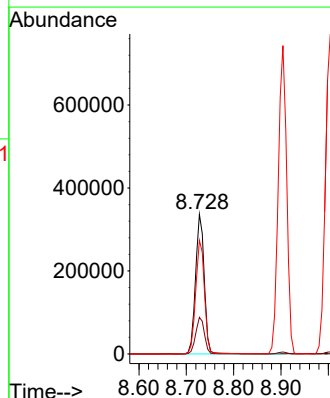
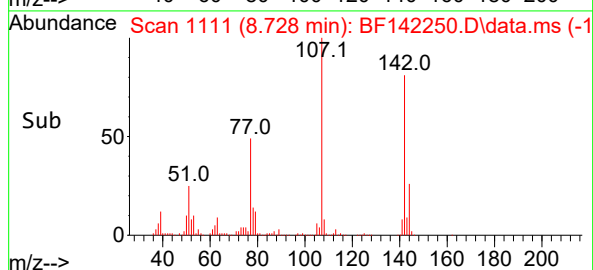
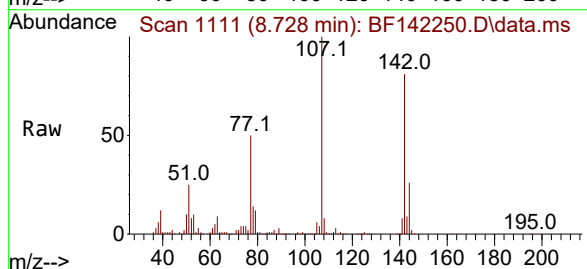
Tgt Ion:107 Resp: 431195

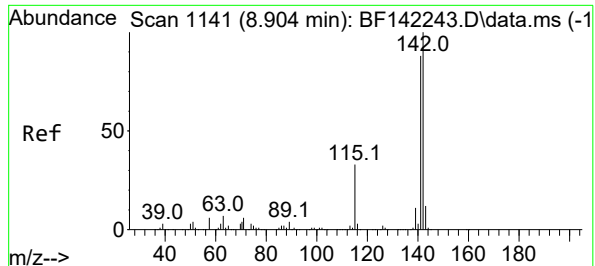
Ion Ratio Lower Upper

107 100

144 26.2 21.0 31.4

142 81.4 66.1 99.1





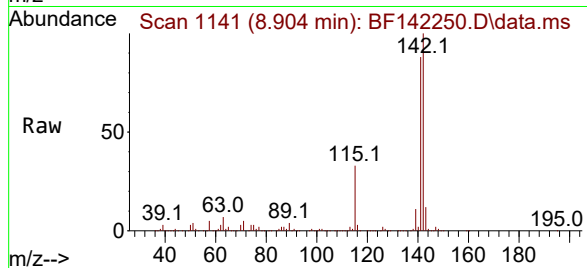
#37
2-Methylnaphthalene
Concen: 41.414 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:142 Resp: 91376
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7

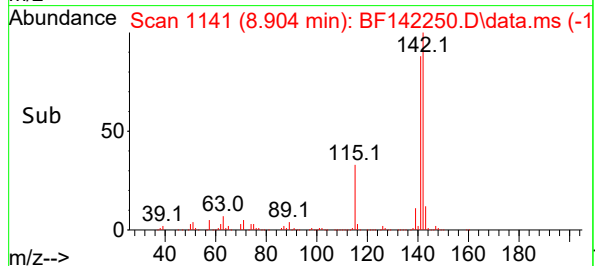
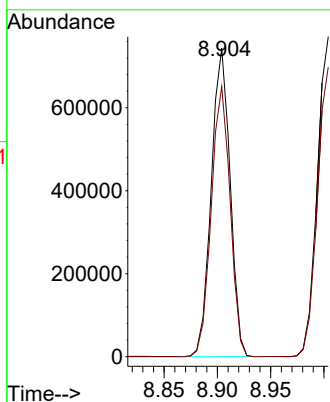
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Reviewed By :Rahul
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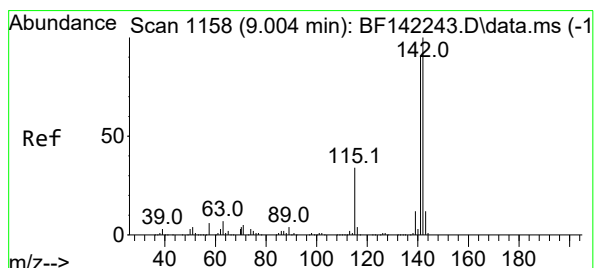
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Upadhyay
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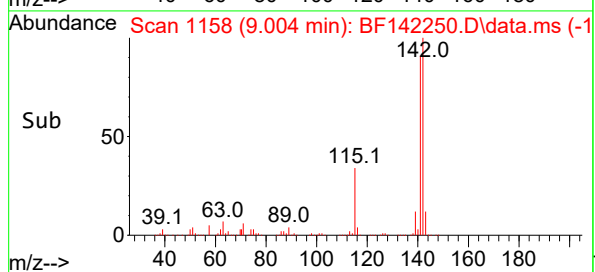
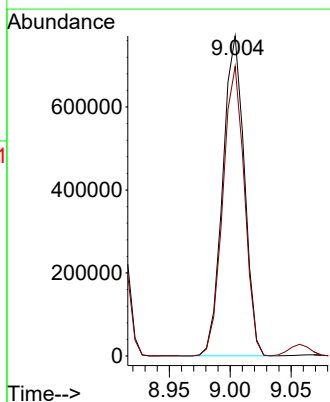
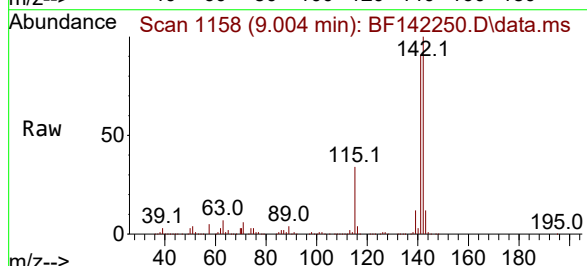


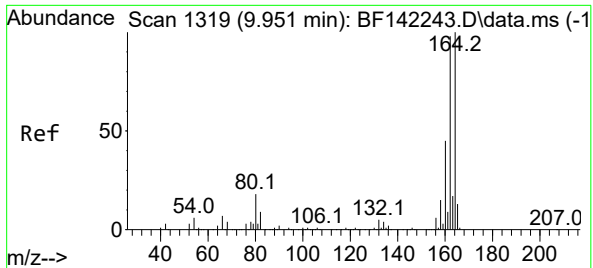
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#38
1-Methylnaphthalene
Concen: 41.597 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:142 Resp: 950787
Ion Ratio Lower Upper
142 100
141 90.5 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142250.D

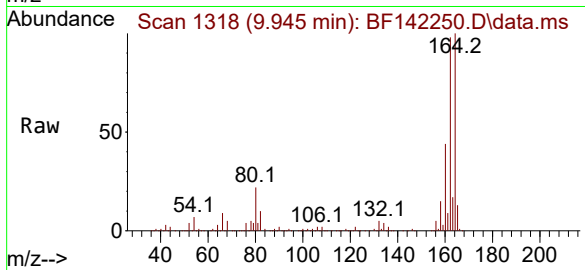
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 381198

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

160 44.5 35.7 53.5

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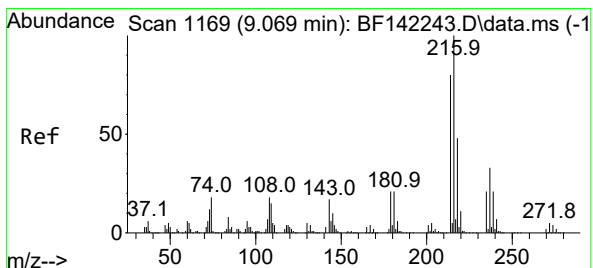
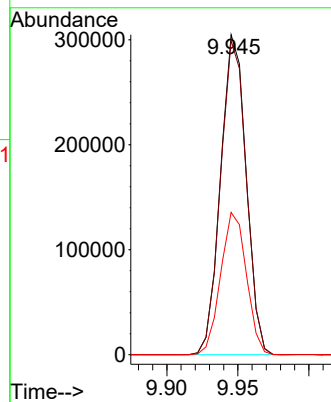
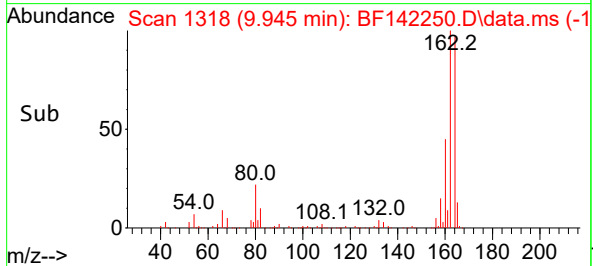
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.641 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Tgt Ion:216 Resp: 435999

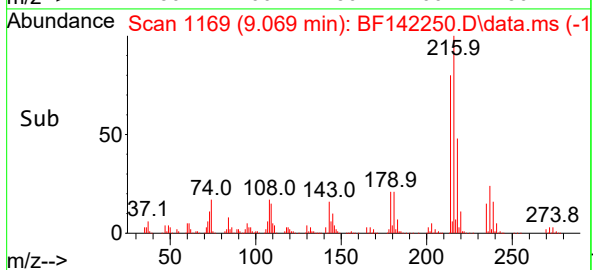
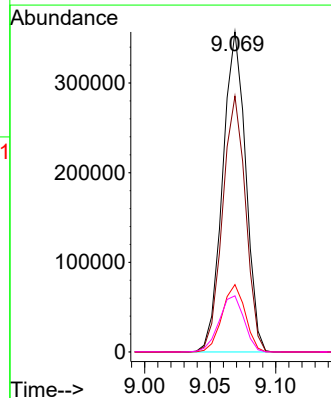
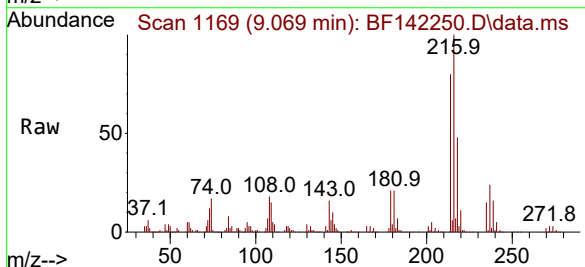
Ion Ratio Lower Upper

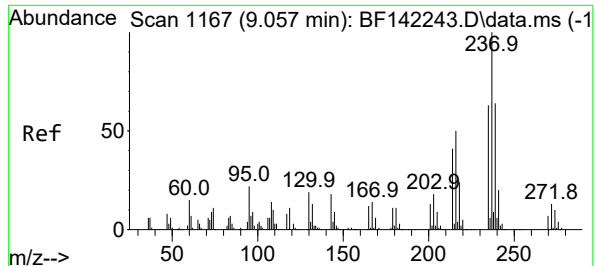
216 100

214 79.7 63.8 95.6

179 21.1 16.7 25.1

108 19.0 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 39.605 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142250.D

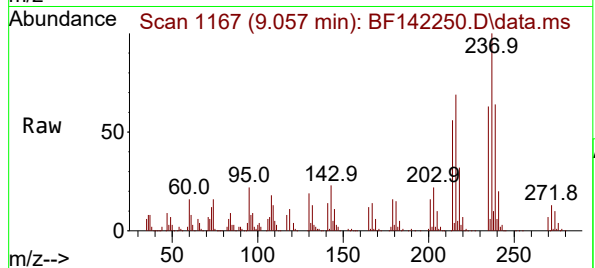
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:237 Resp: 241144

Ion Ratio Lower Upper

237 100

235 62.7 43.5 83.5

272 12.6 0.0 32.9

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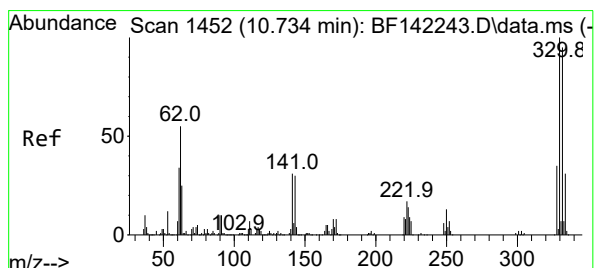
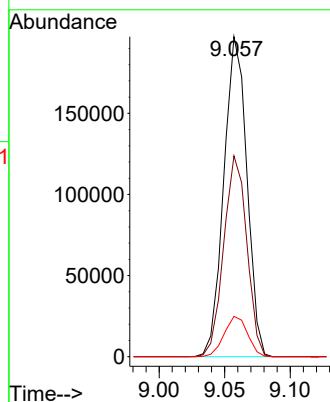
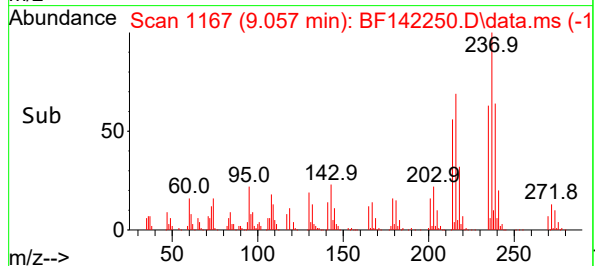
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#42

2,4,6-Tribromophenol

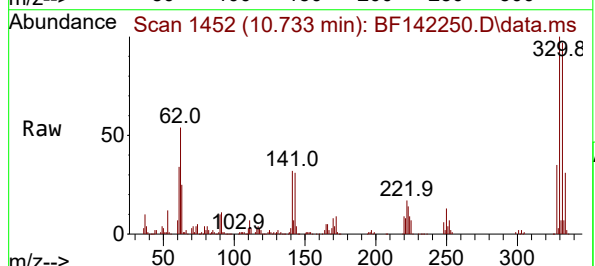
Concen: 85.983 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17



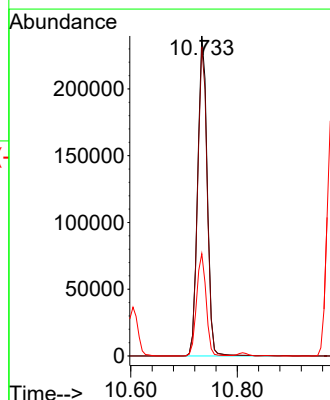
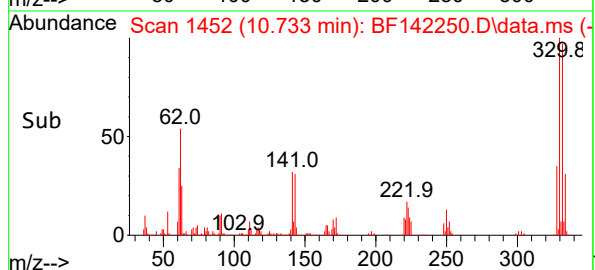
Tgt Ion:330 Resp: 298805

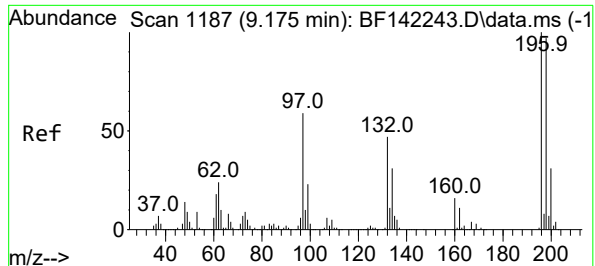
Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 31.9 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 40.551 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142250.D

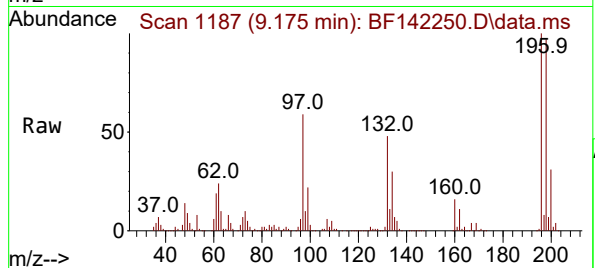
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:196 Resp: 26957

Ion Ratio Lower Upper

196 100

198 97.1 77.4 116.2

200 31.0 24.6 37.0

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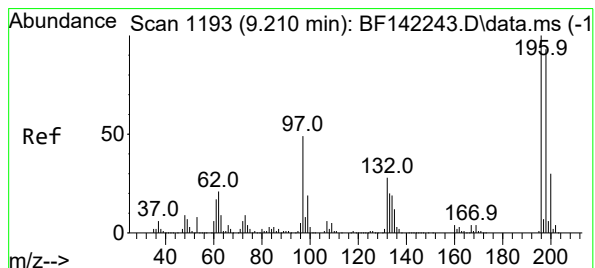
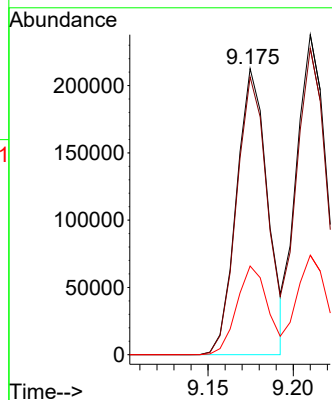
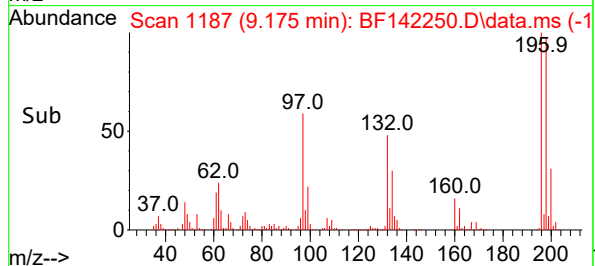
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#44

2,4,5-Trichlorophenol

Concen: 42.108 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Tgt Ion:196 Resp: 294308

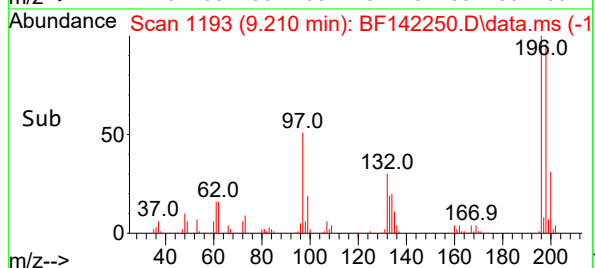
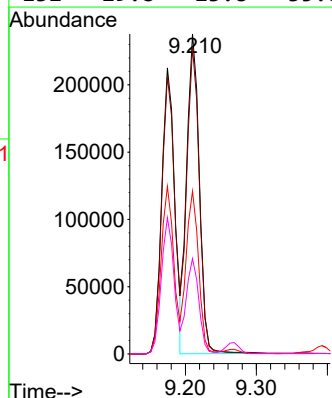
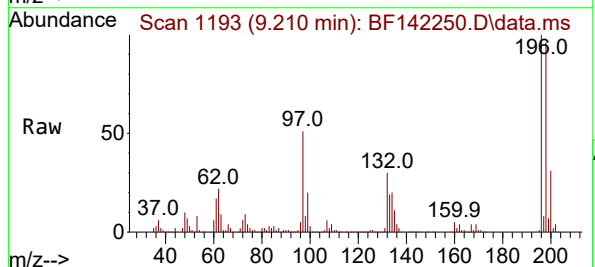
Ion Ratio Lower Upper

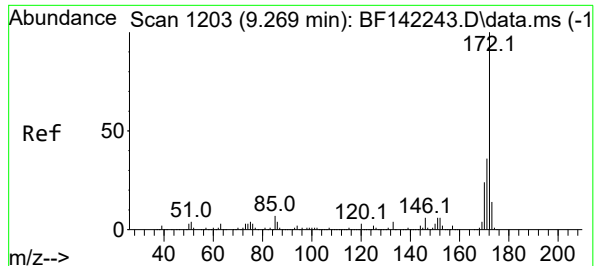
196 100

198 95.7 75.2 112.8

97 50.9 39.8 59.8

132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 79.446 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 2147910

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 24.1 19.4 29.0

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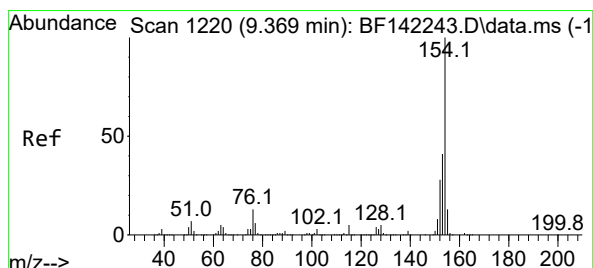
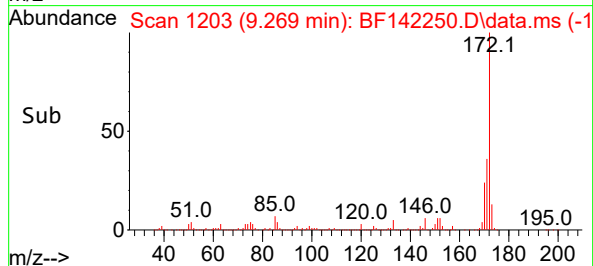
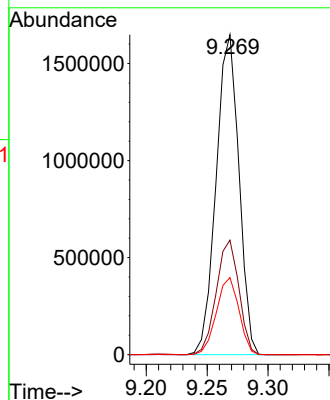
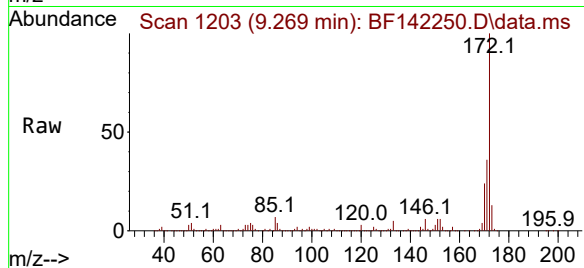
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#46

1,1'-Biphenyl

Concen: 40.922 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

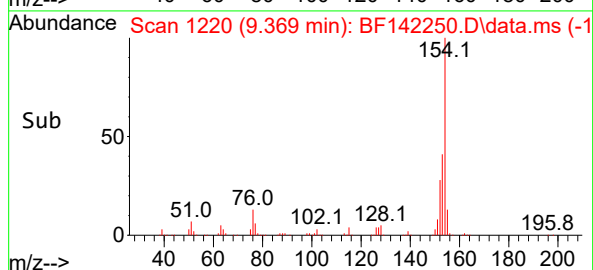
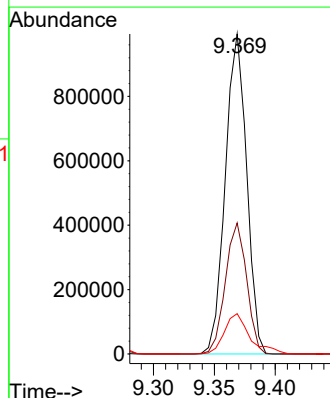
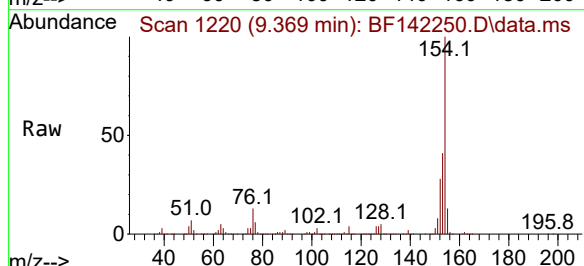
Tgt Ion:154 Resp: 1212716

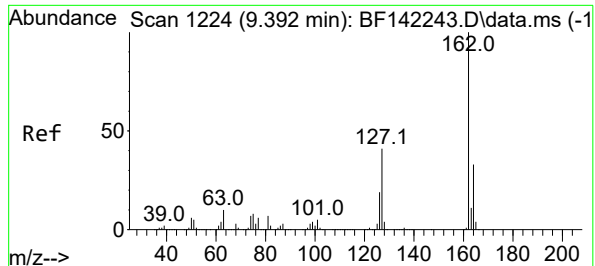
Ion Ratio Lower Upper

154 100

153 41.0 20.5 60.5

76 12.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.663 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 89654

Ion Ratio Lower Upper

162 100

127 41.5 32.6 49.0

164 33.3 26.1 39.1

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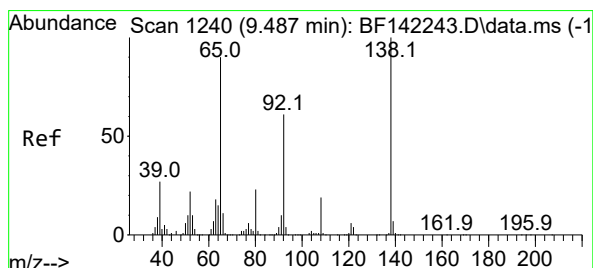
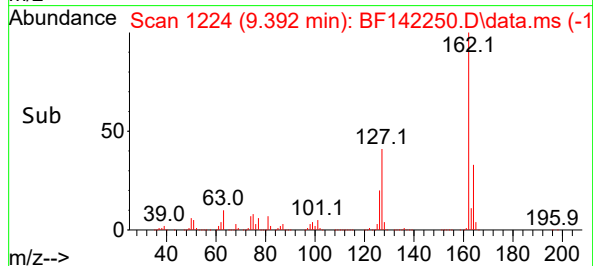
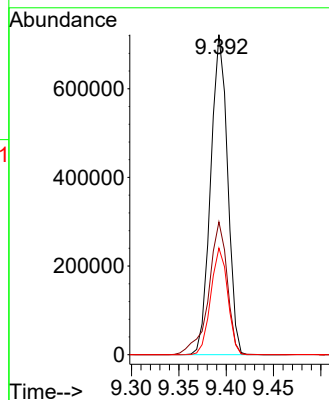
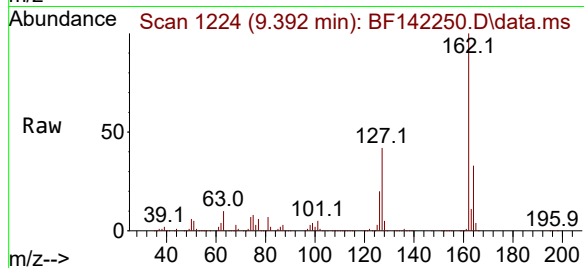
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#48

2-Nitroaniline

Concen: 37.508 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.007 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

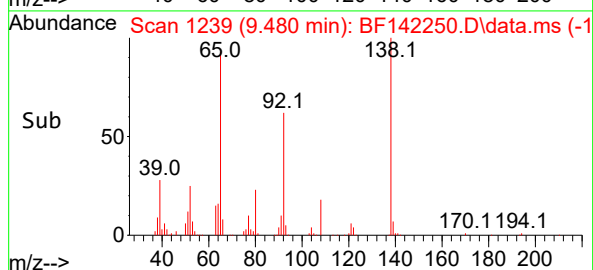
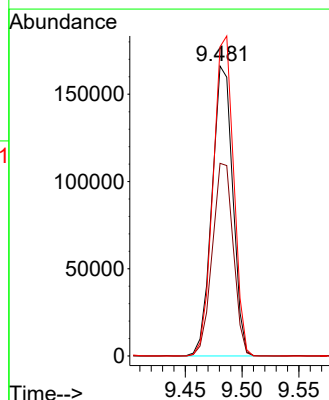
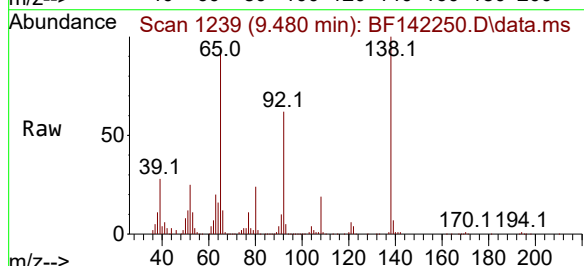
Tgt Ion: 65 Resp: 211351

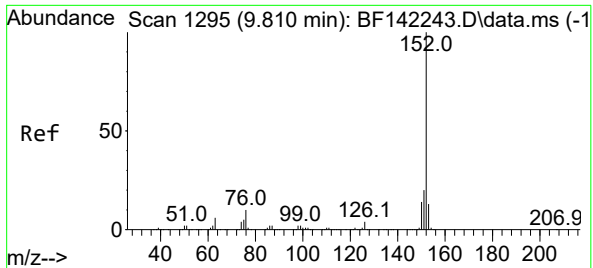
Ion Ratio Lower Upper

65 100

92 66.4 54.3 81.5

138 106.6 88.6 133.0





#49

Acenaphthylene

Concen: 40.906 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142250.D

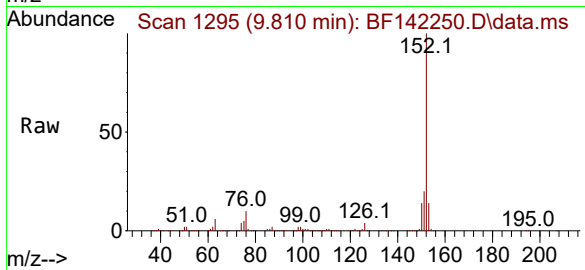
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 152194

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.5 10.7 16.1

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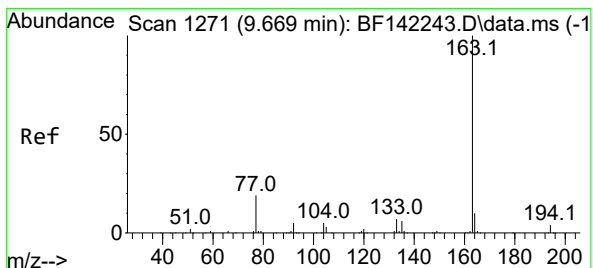
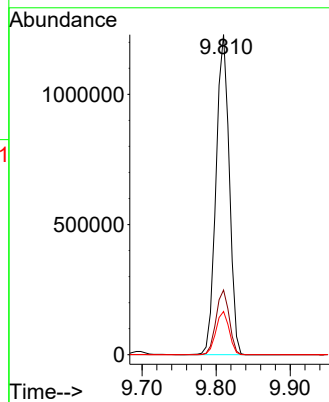
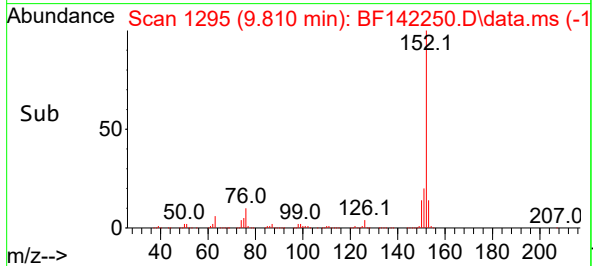
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#50

Dimethylphthalate

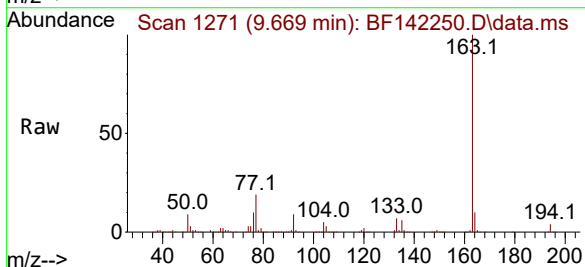
Concen: 42.093 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17



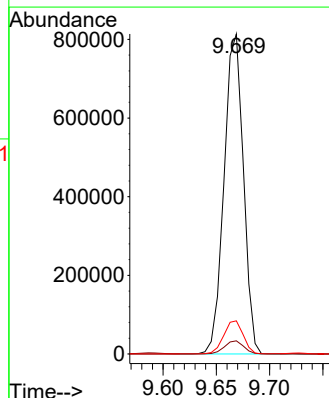
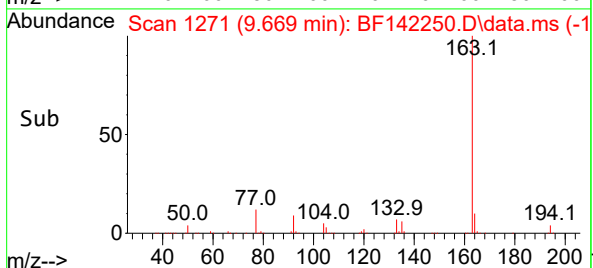
Tgt Ion:163 Resp: 1026519

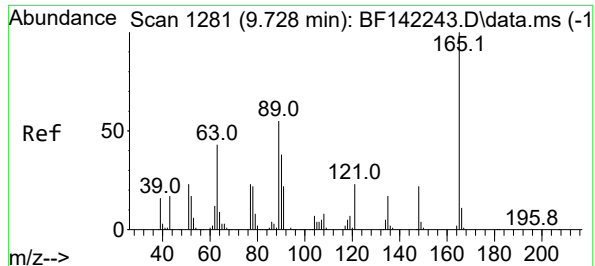
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

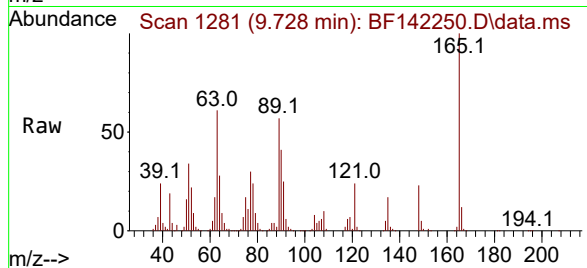
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 38.527 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



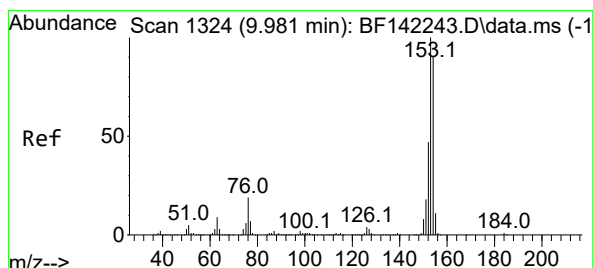
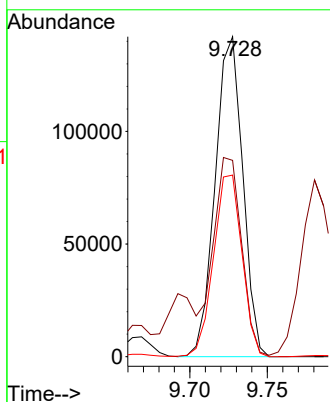
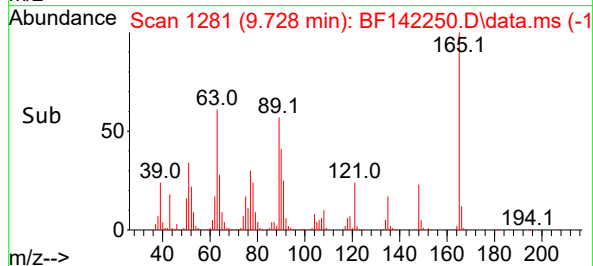
Tgt Ion:165 Resp: 176150
Ion Ratio Lower Upper
165 100
63 61.3 48.5 72.7
89 56.7 43.9 65.9

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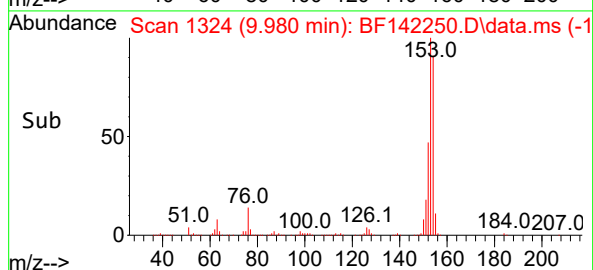
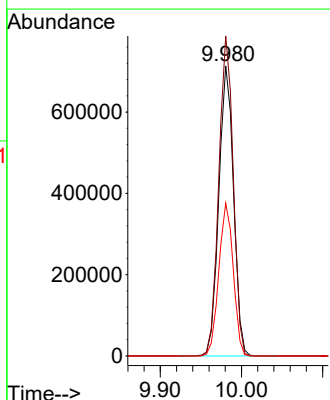
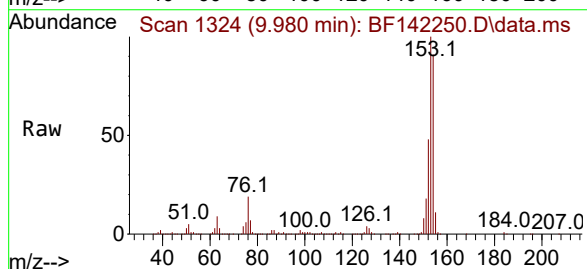
Supervised By :Jagrut
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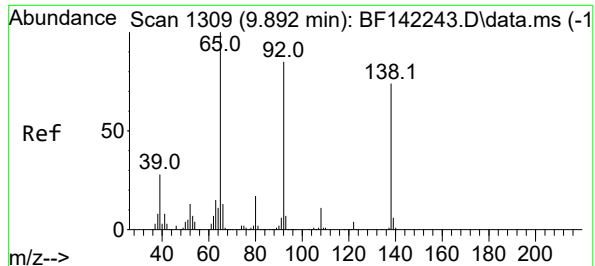
05/02/2025
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Upadhyay



#52
Acenaphthene
Concen: 41.576 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:154 Resp: 903201
Ion Ratio Lower Upper
154 100
153 110.3 88.6 133.0
152 52.6 42.1 63.1





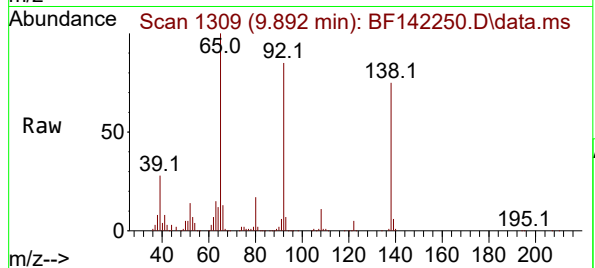
#53
3-Nitroaniline
Concen: 40.152 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

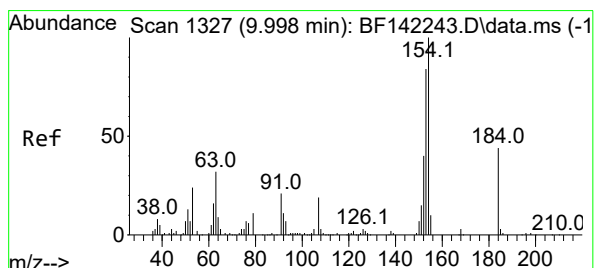
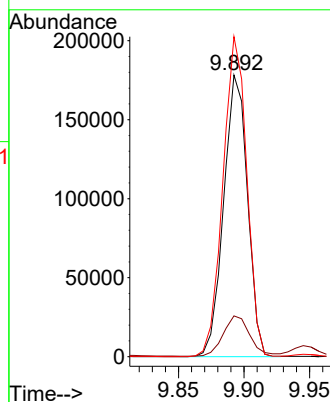
SSTDCCC040



Tgt Ion:138 Resp: 225294
Ion Ratio Lower Upper
138 100
108 14.5 11.7 17.5
92 113.6 91.2 136.8

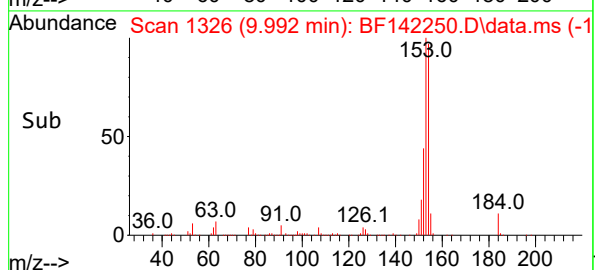
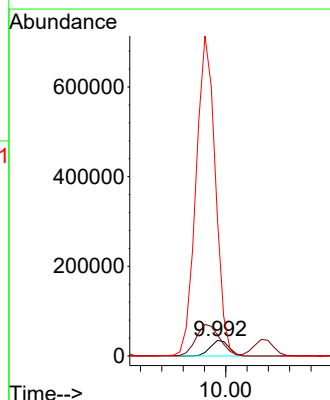
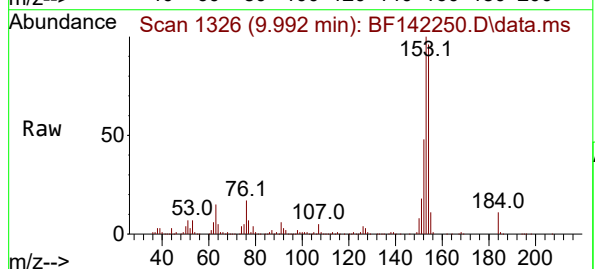
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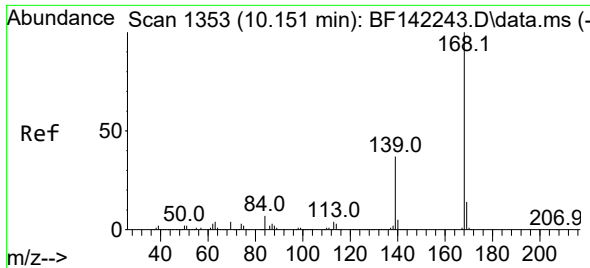
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Upadhyay
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Supervised By :Jagrut
Upadhyay

#54
2,4-Dinitrophenol
Concen: 37.926 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:184 Resp: 42525
Ion Ratio Lower Upper
184 100
63 136.6 69.2 103.8#
154 883.4 271.4 407.2#





#55

Dibenzenofuran

Concen: 41.484 ng

RT: 10.151 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF142250.D

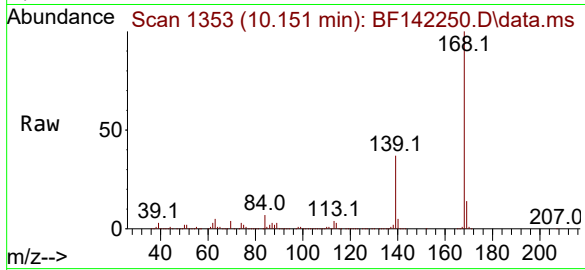
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:168 Resp: 1350910

Ion Ratio Lower Upper

168 100

139 37.2 29.4 44.0

169 13.7 11.0 16.4

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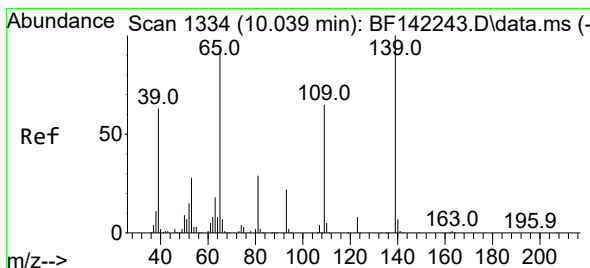
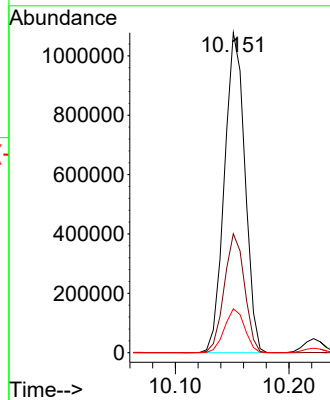
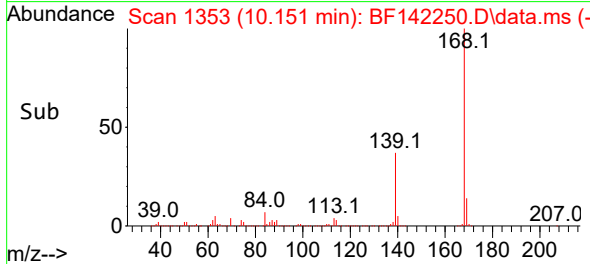
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#56

4-Nitrophenol

Concen: 41.706 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

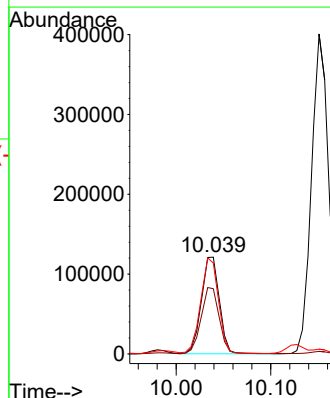
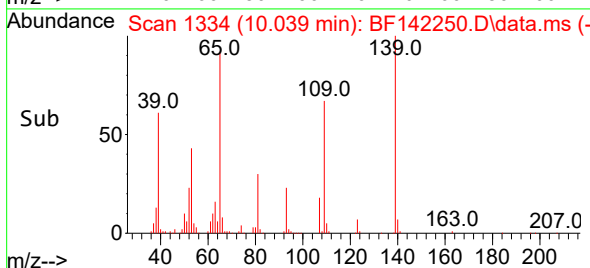
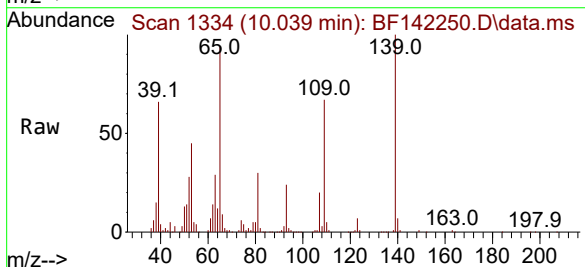
Tgt Ion:139 Resp: 159868

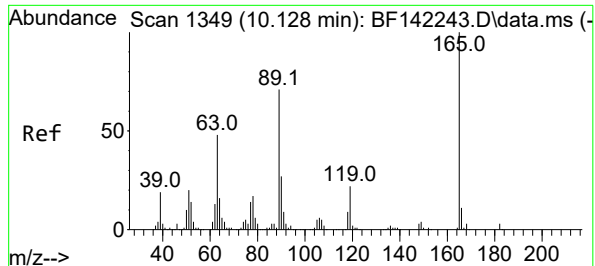
Ion Ratio Lower Upper

139 100

109 67.4 44.9 84.9

65 93.9 74.7 114.7





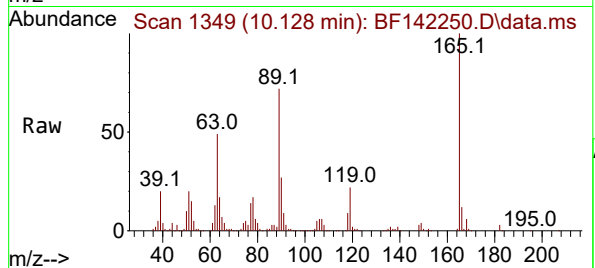
#57
2,4-Dinitrotoluene
Concen: 39.850 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

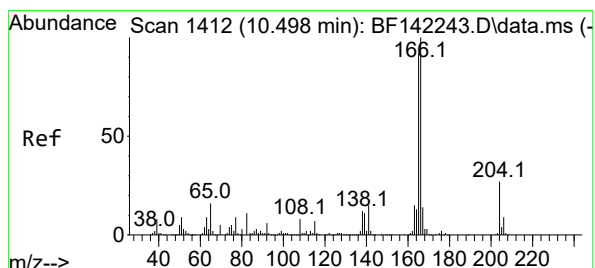
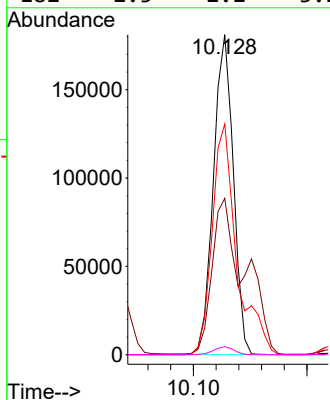
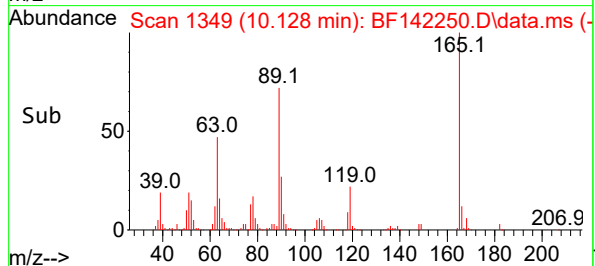
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Tgt Ion:165 Resp: 220248
Ion Ratio Lower Upper
165 100
63 48.8 38.8 58.2
89 72.1 57.1 85.7
182 2.5 2.2 3.2

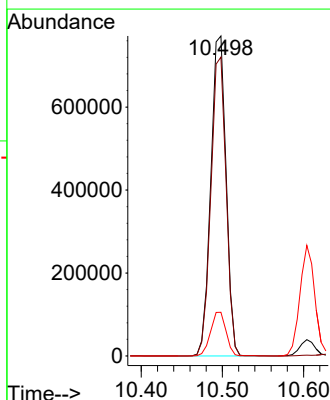
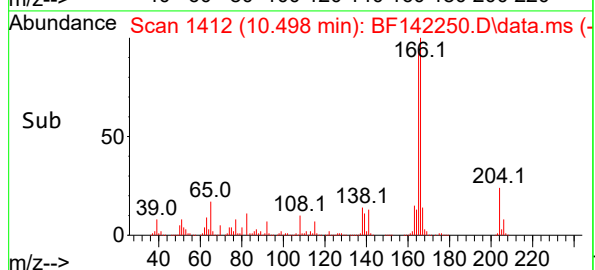
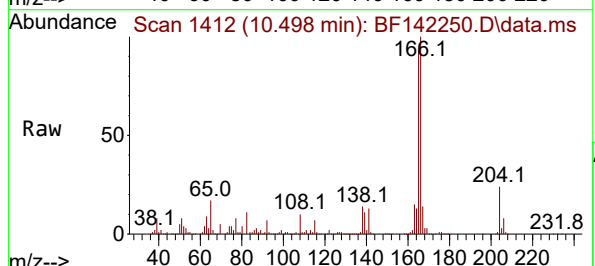
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Chavli

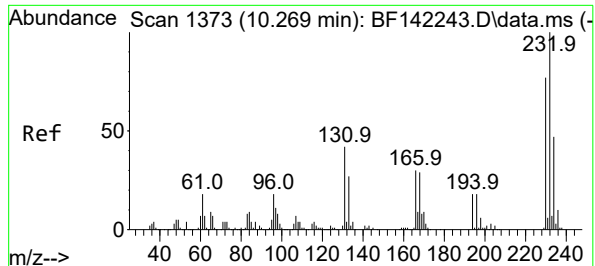
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Upadhyay
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Supervised By :Jagrut
Upadhyay

#58
Fluorene
Concen: 40.709 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

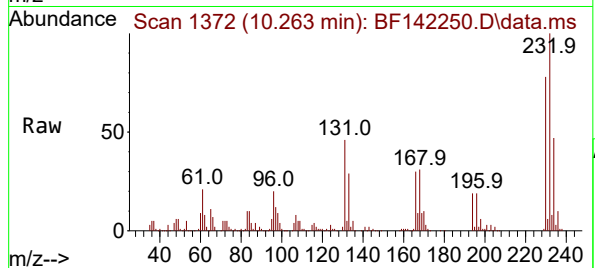
Tgt Ion:166 Resp: 1007989
Ion Ratio Lower Upper
166 100
165 93.4 73.9 110.9
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.475 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



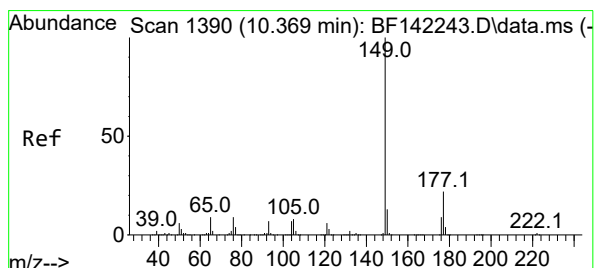
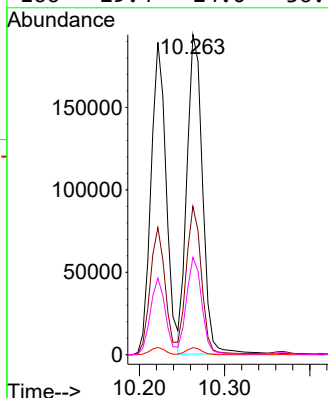
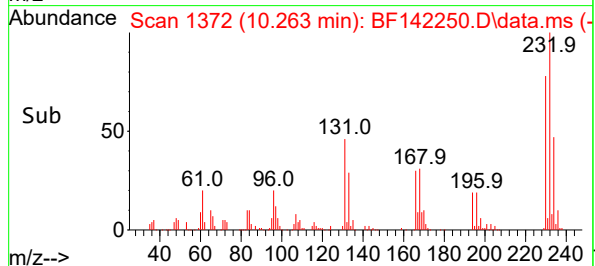
Tgt Ion:232 Resp: 245919
Ion Ratio Lower Upper
232 100
131 46.0 35.9 53.9
130 2.1 1.8 2.6
166 29.4 24.0 36.0

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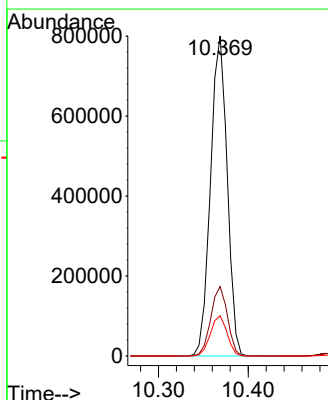
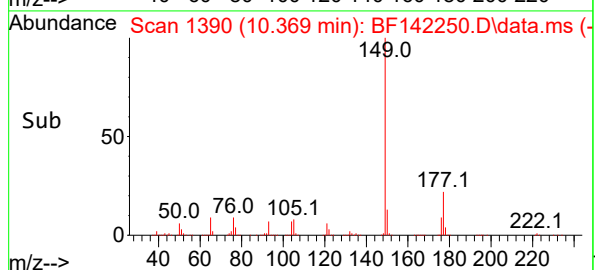
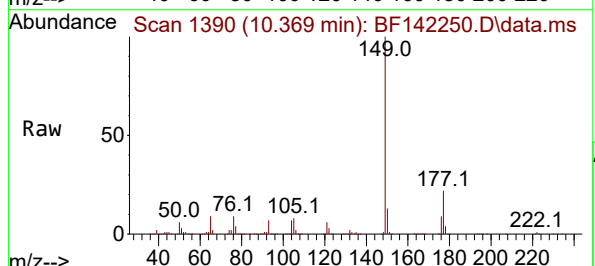
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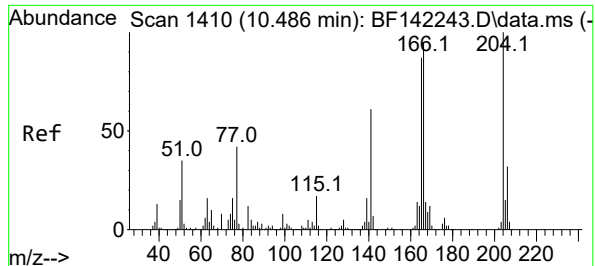
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#60
Diethylphthalate
Concen: 42.799 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

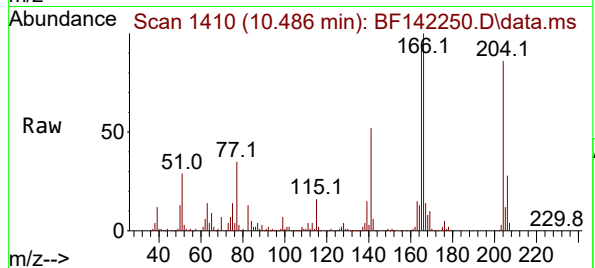
Tgt Ion:149 Resp: 1030685
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.333 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 486030
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 60.4 48.9 73.3

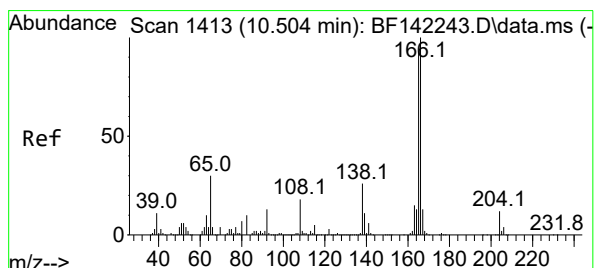
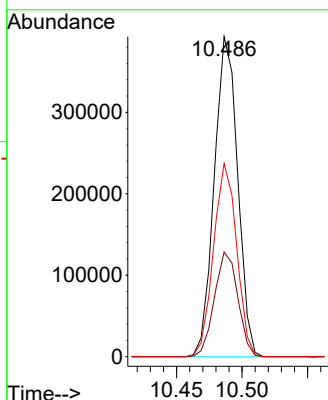
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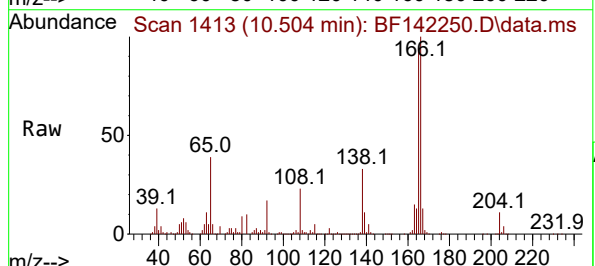
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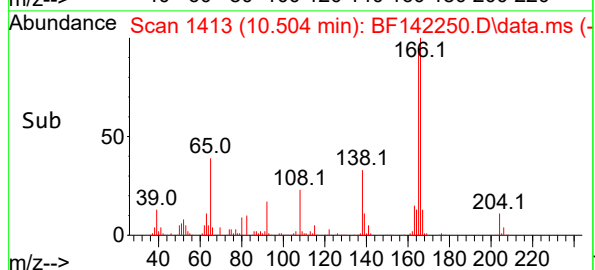
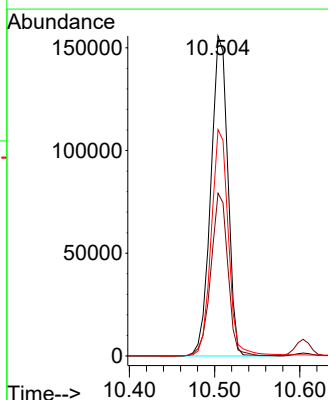
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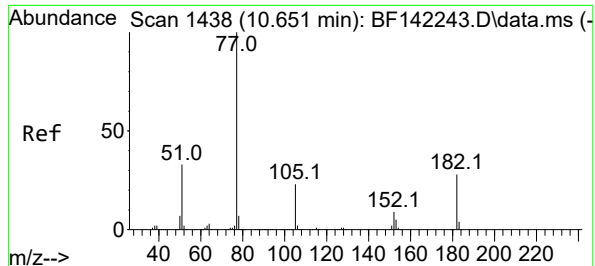


#62
4-Nitroaniline
Concen: 42.018 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17



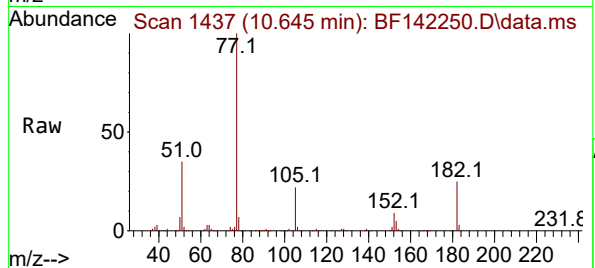
Tgt Ion:138 Resp: 215440
Ion Ratio Lower Upper
138 100
92 50.8 29.2 69.2
108 70.7 49.1 89.1





#63
Azobenzene
Concen: 41.895 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



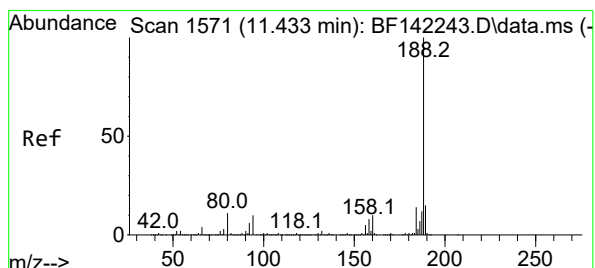
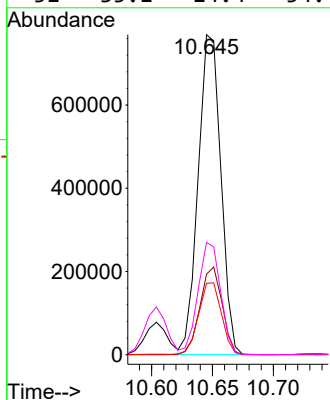
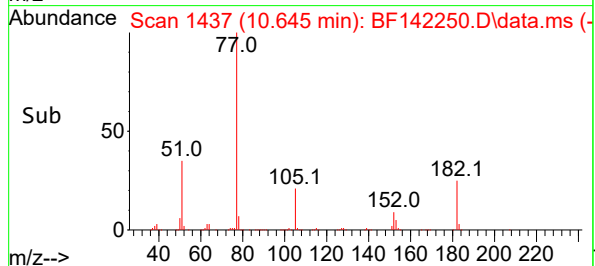
Tgt Ion: 77 Resp: 996298
Ion Ratio Lower Upper
77 100
182 25.2 7.3 47.3
105 22.3 2.5 42.5
51 35.1 14.4 54.4

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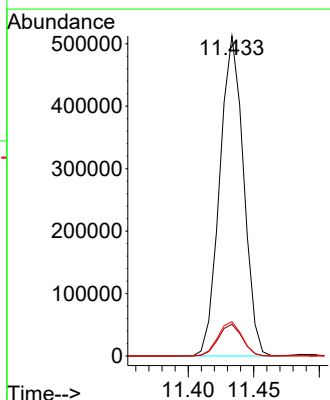
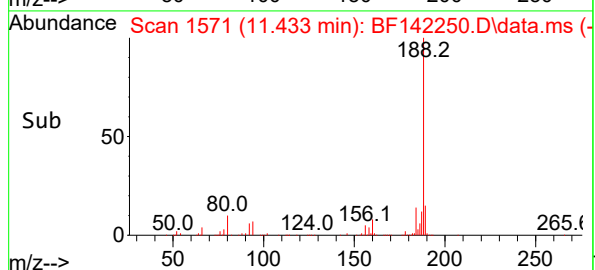
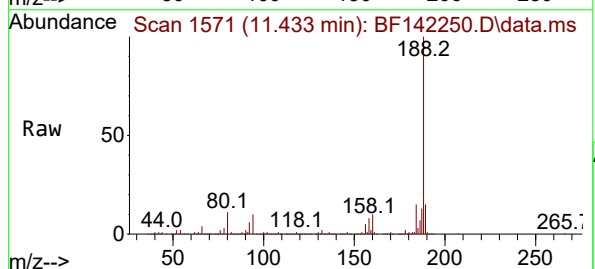
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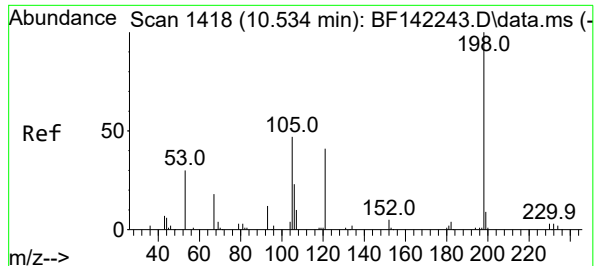
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

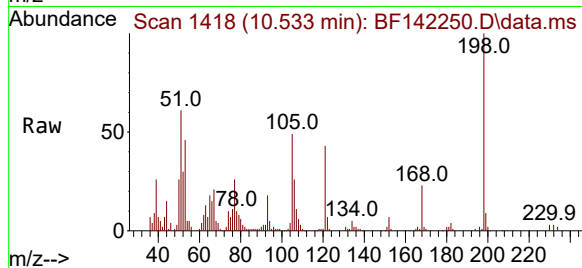
Tgt Ion:188 Resp: 647816
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 35.905 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



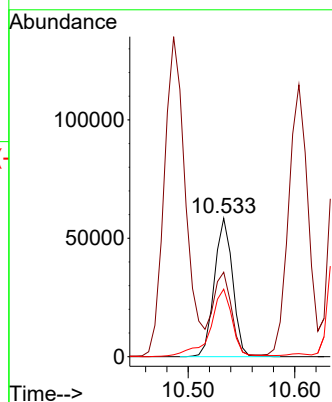
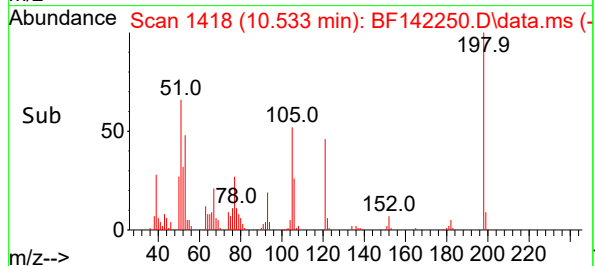
Tgt Ion:198 Resp: 69294
Ion Ratio Lower Upper
198 100
51 61.0 40.6 80.6
105 48.7 29.2 69.2

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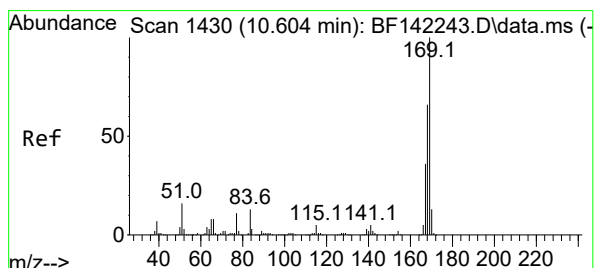
Reviewed By :Rahul
Chavli
05/02/2025

Supervised By :Jagrut
Upadhyay
05/02/2025

05/02/2025
Supervised By :Jagrut
Upadhyay

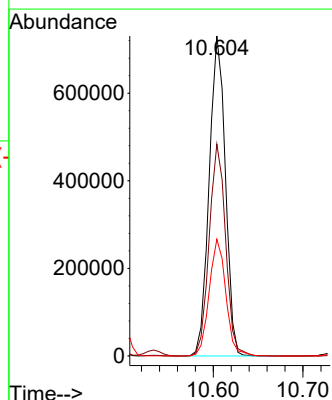
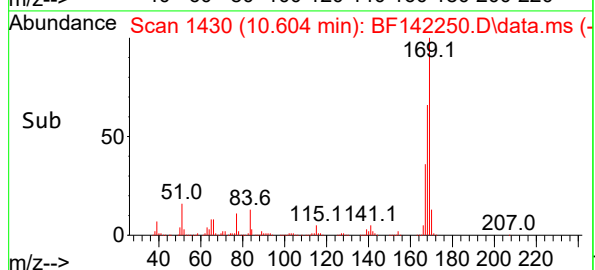
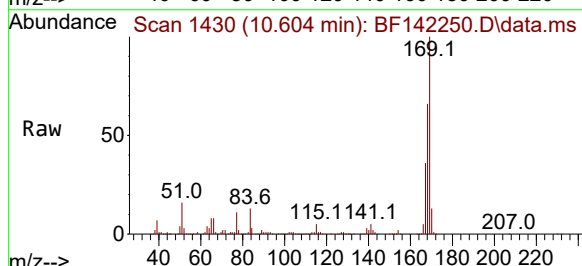


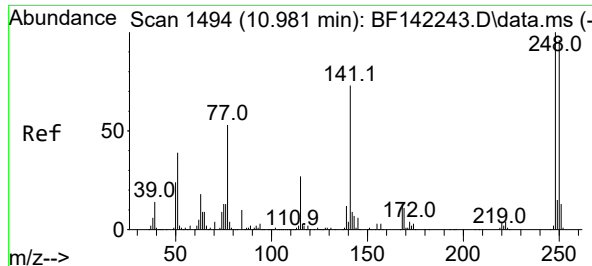
05/02/2025



#66
n-Nitrosodiphenylamine
Concen: 41.322 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

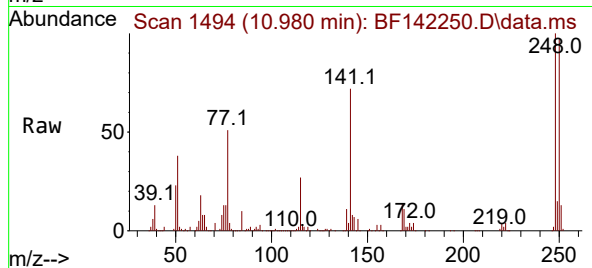
Tgt Ion:169 Resp: 914630
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 42.258 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 304870
Ion Ratio Lower Upper
248 100
250 97.4 77.2 115.8
141 71.7 58.4 87.6

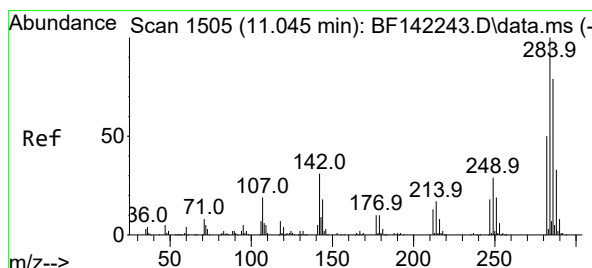
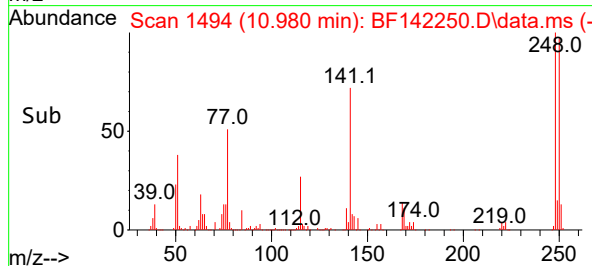
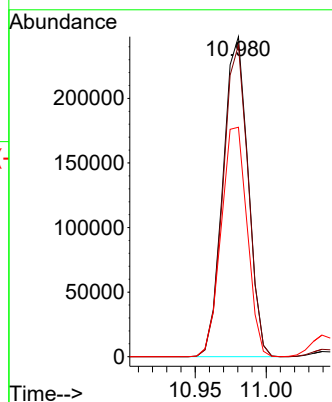
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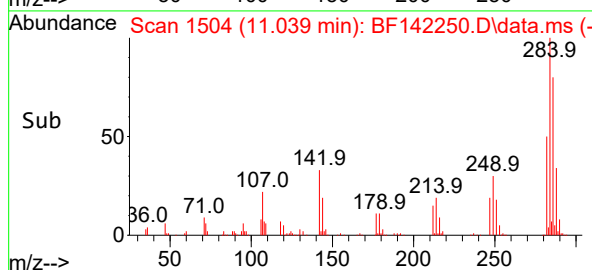
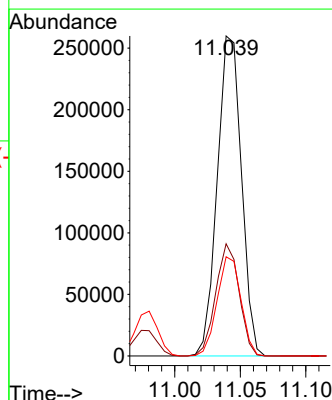
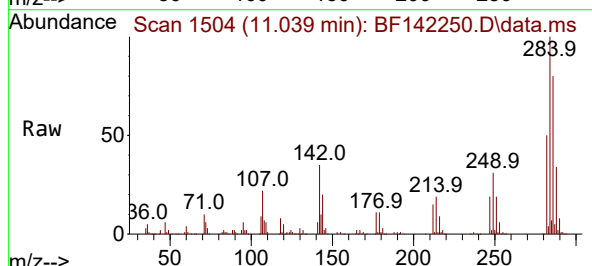
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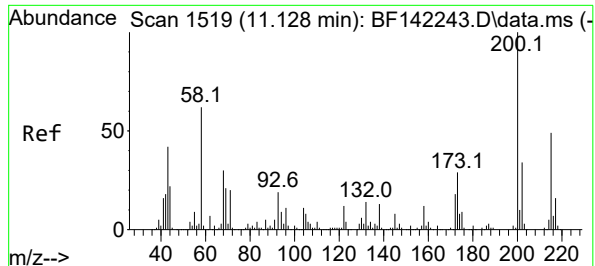
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#68
Hexachlorobenzene
Concen: 41.207 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:284 Resp: 332960
Ion Ratio Lower Upper
284 100
142 35.1 24.6 37.0
249 31.0 23.2 34.8





#69

Atrazine

Concen: 45.262 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 264074

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

215 48.7 28.5 68.5

Manual Integrations

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Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

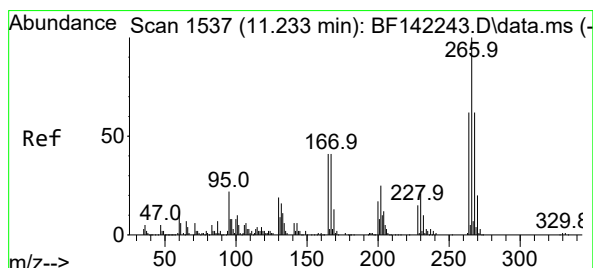
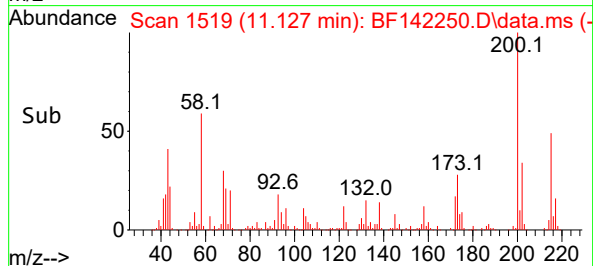
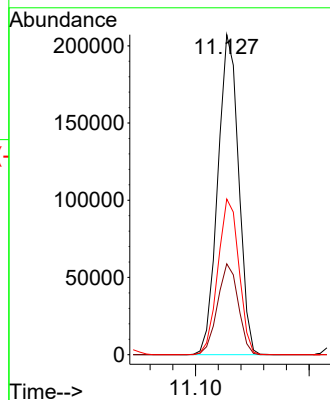
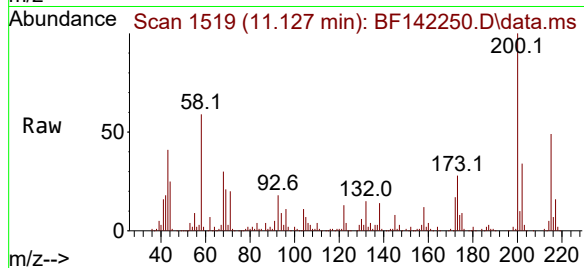
05/02/2025

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#70

Pentachlorophenol

Concen: 41.491 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

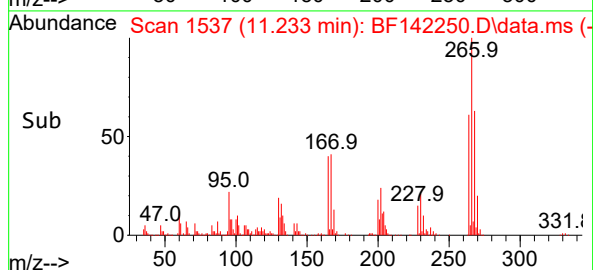
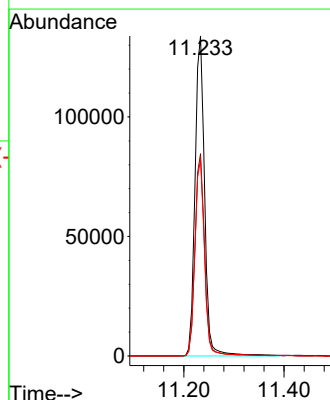
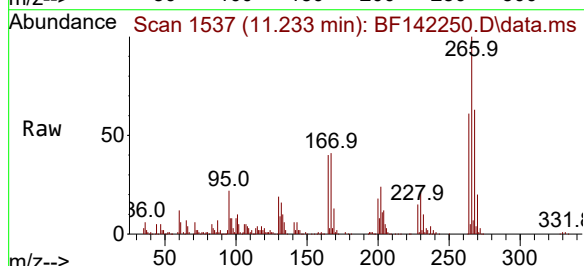
Tgt Ion:266 Resp: 177109

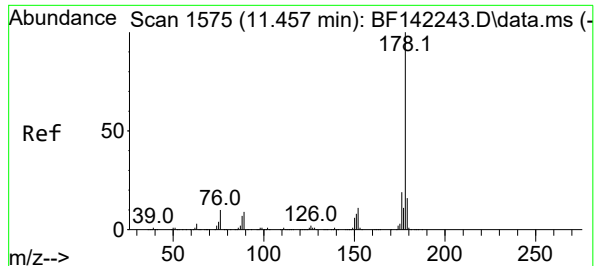
Ion Ratio Lower Upper

266 100

268 63.2 50.0 75.0

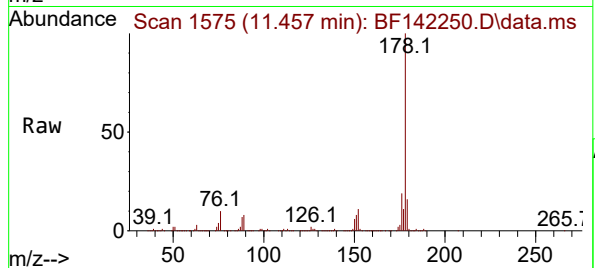
264 61.4 49.3 73.9





#71
Phenanthrene
Concen: 41.326 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1446110
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.6 19.0

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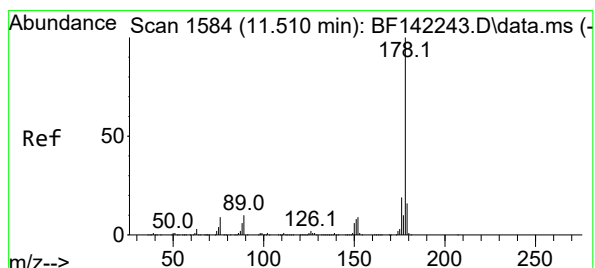
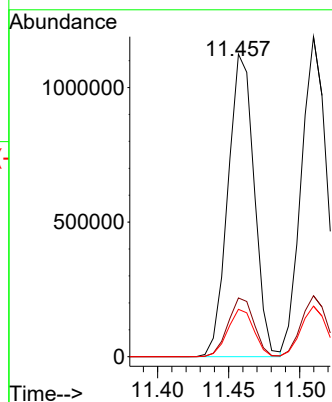
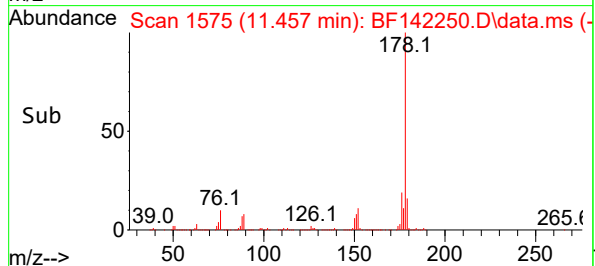
Reviewed By :Rahul
Chavli

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Supervised By :Jagrut
Upadhyay

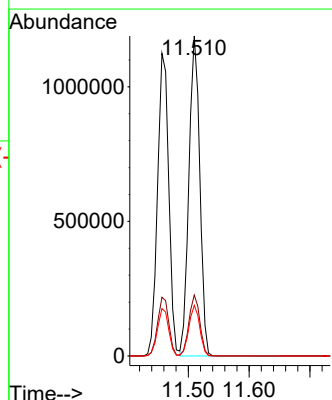
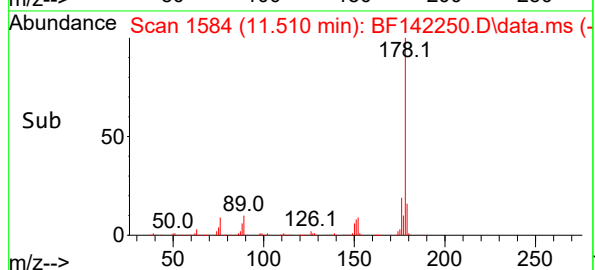
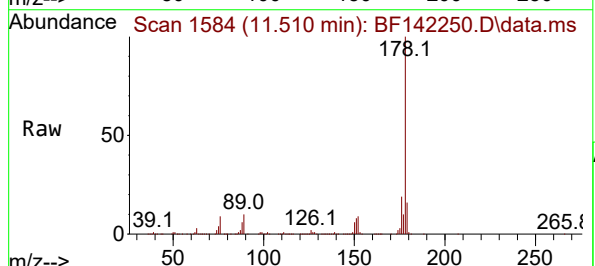
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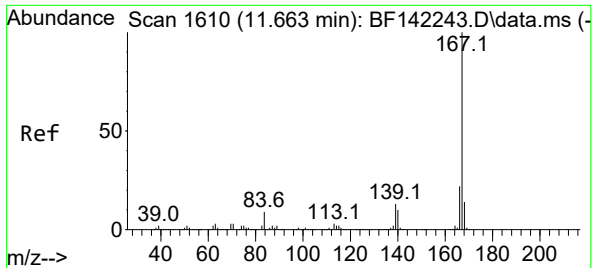
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Supervised By :Jagrut
Upadhyay



#72
Anthracene
Concen: 41.339 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

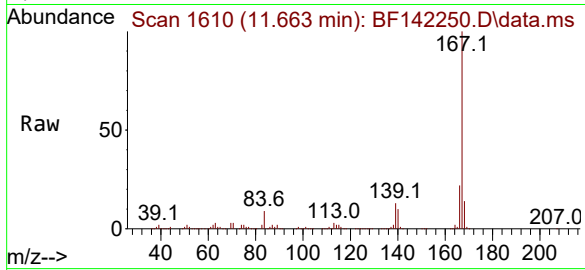
Tgt Ion:178 Resp: 1479001
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.8 12.7 19.1





#73
 Carbazole
 Concen: 41.429 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142250.D
 Acq: 01 May 2025 10:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 1352100
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.0 10.3 15.5

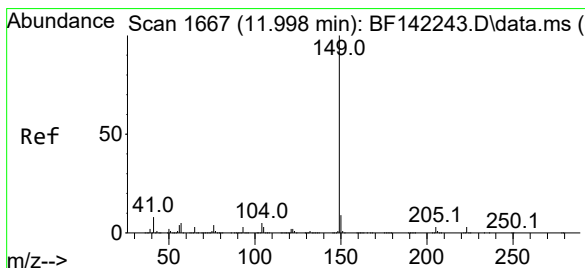
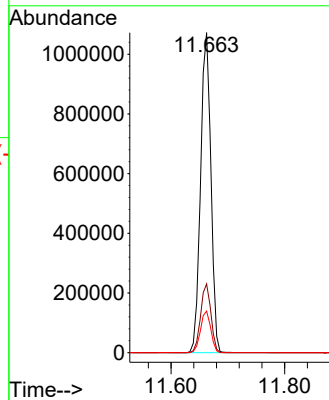
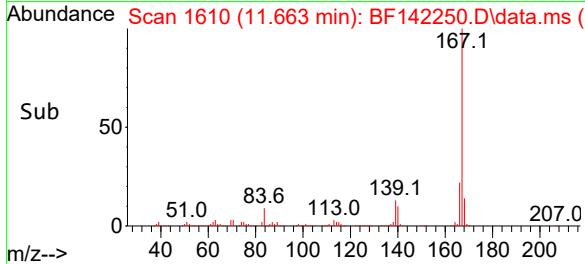
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Reviewed By :Rahul
 Chavli

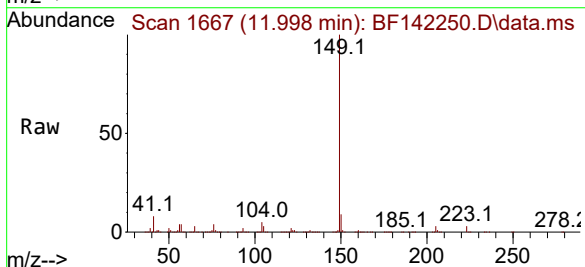
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 Upadhyay
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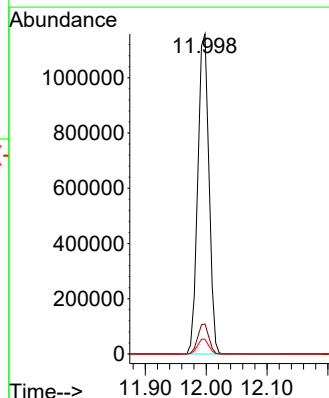
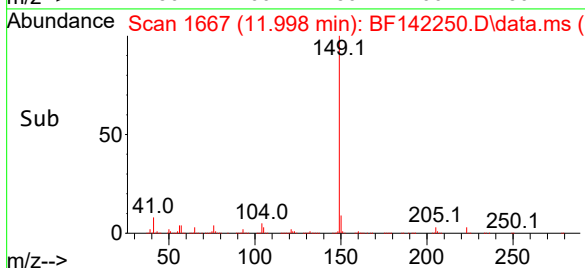
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 Supervised By :Jagrut
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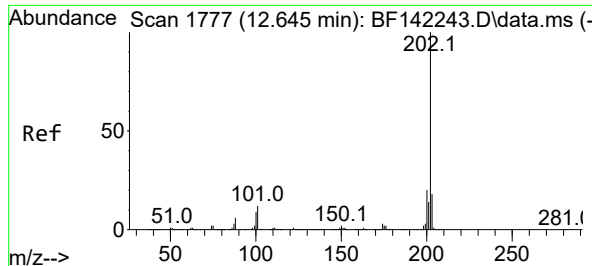


#74
 Di-n-butylphthalate
 Concen: 44.864 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142250.D
 Acq: 01 May 2025 10:17



Tgt Ion:149 Resp: 1472584
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 42.947 ng

RT: 12.645 min Scan# 1777

Delta R.T. -0.000 min

Lab File: BF142250.D

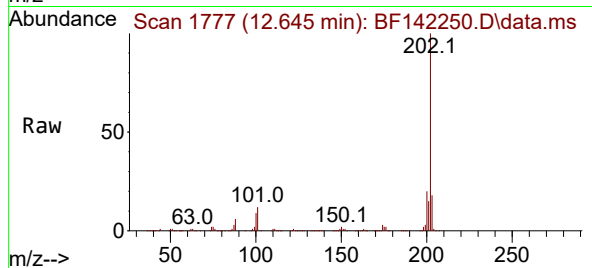
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:202 Resp: 1485579

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.4

203 17.8 0.0 37.5

Manual Integrations

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Supervised By :Jagrut

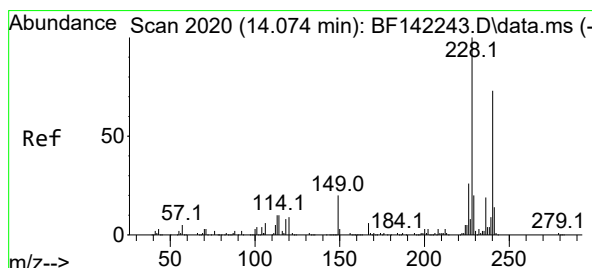
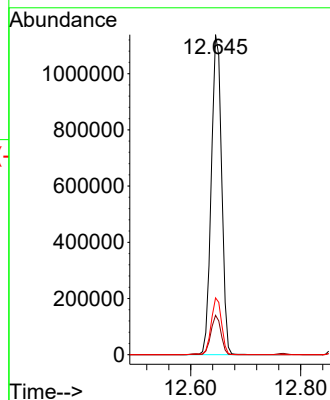
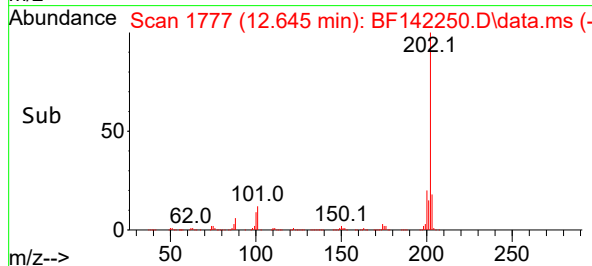
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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

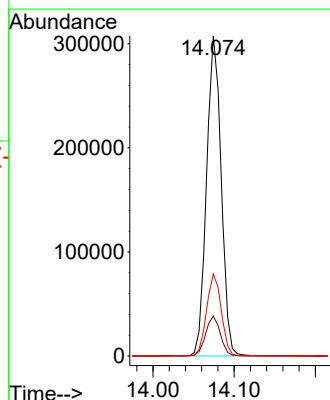
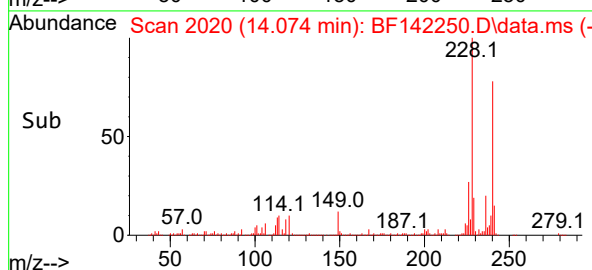
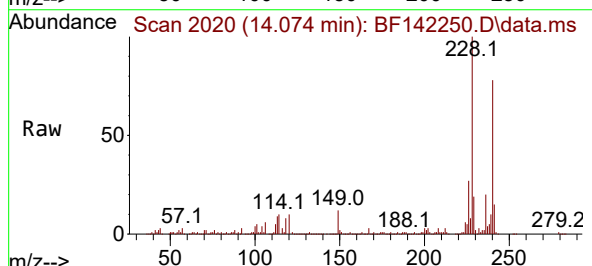
Tgt Ion:240 Resp: 384442

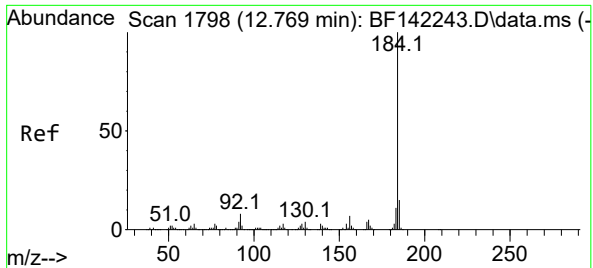
Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.7 20.5 30.7





#77

Benzidine

Concen: 46.160 ng

RT: 12.769 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142250.D

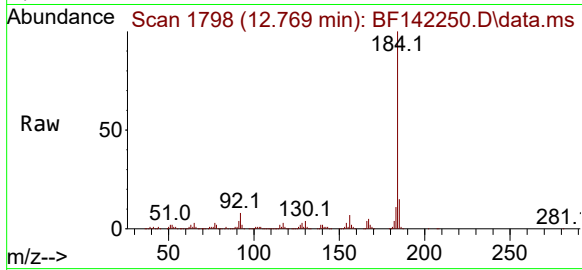
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:184 Resp: 75404

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

183 10.9 8.9 13.3

Manual Integrations

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Reviewed By :Rahul

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Supervised By :Jagrut

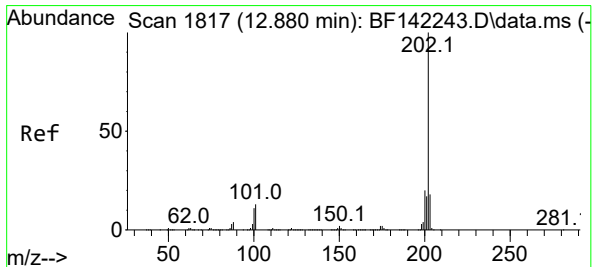
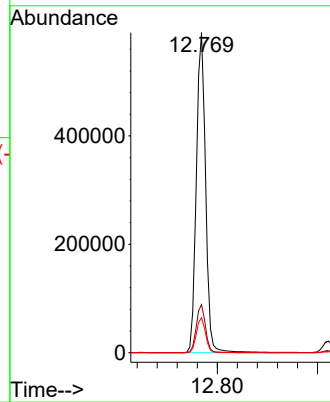
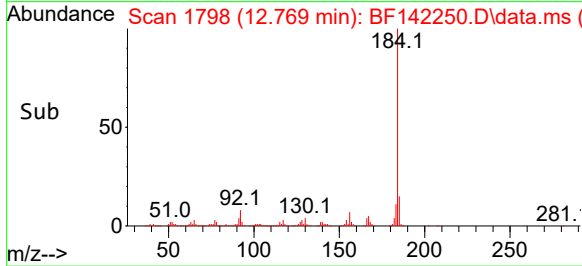
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#78

Pyrene

Concen: 42.016 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

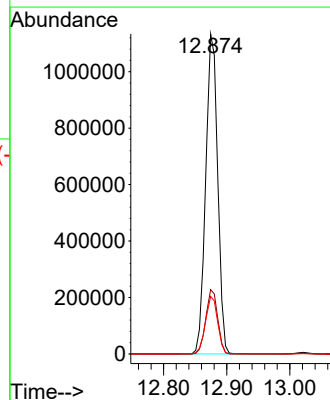
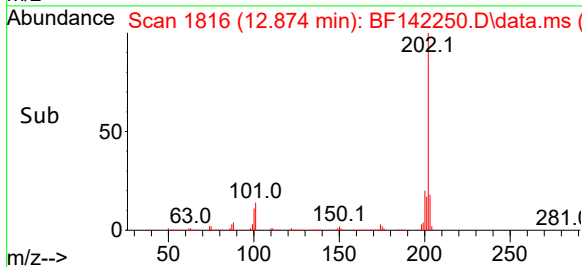
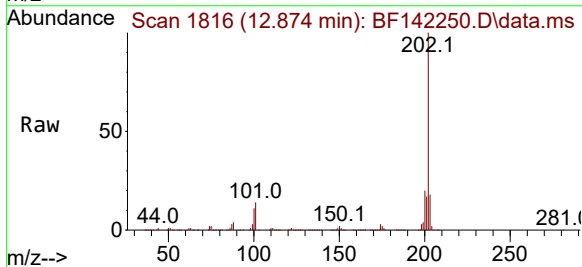
Tgt Ion:202 Resp: 1490017

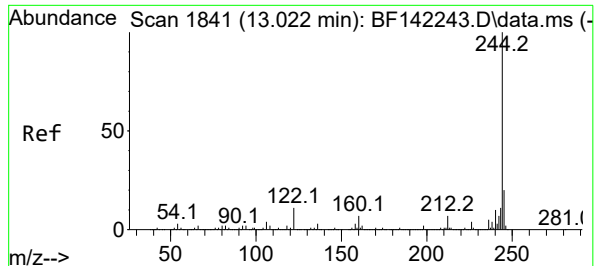
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 82.722 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142250.D

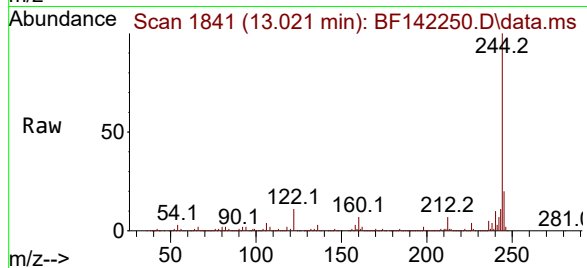
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 2186580

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.3 9.1 13.7

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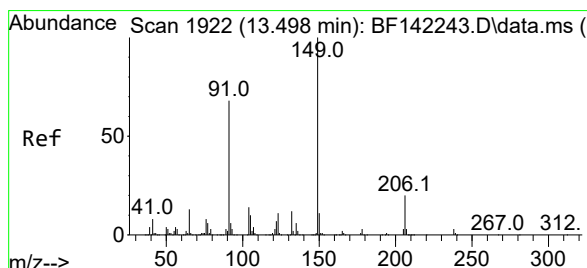
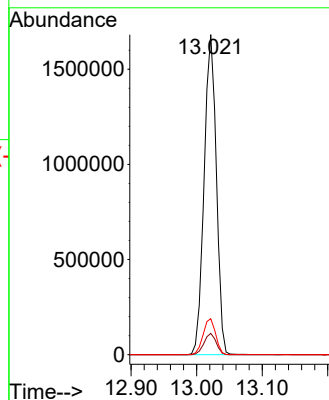
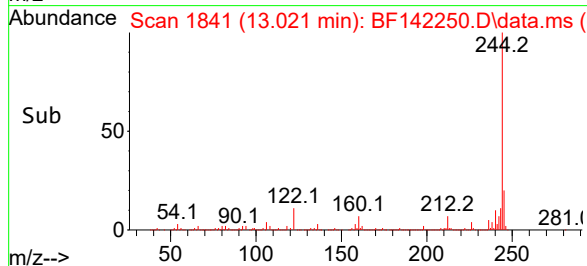
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#80

Butylbenzylphthalate

Concen: 40.417 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

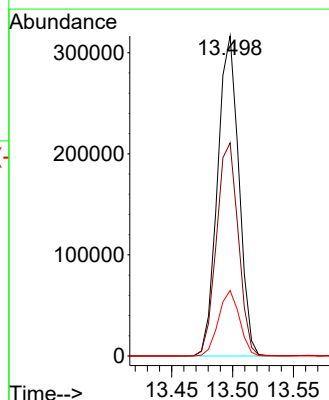
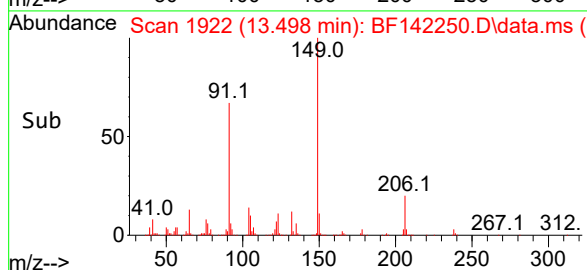
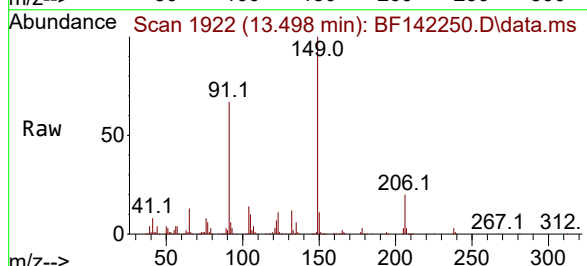
Tgt Ion:149 Resp: 385725

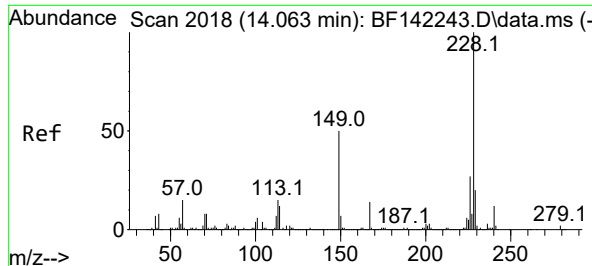
Ion Ratio Lower Upper

149 100

91 66.6 54.4 81.6

206 20.5 15.9 23.9





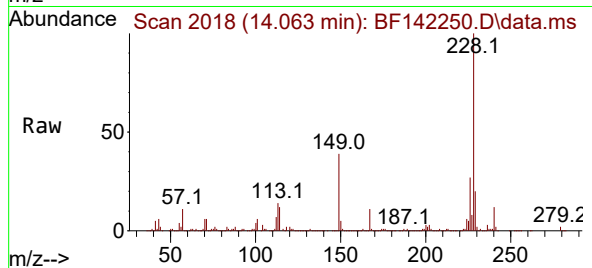
#81
Benzo(a)anthracene
Concen: 41.049 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 105941

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.6	16.0	24.0

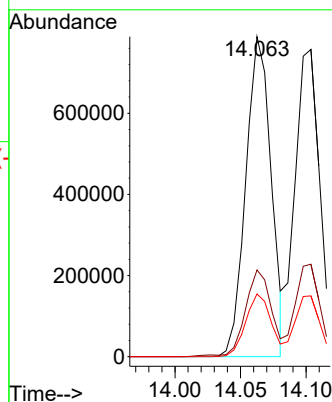
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Chavli

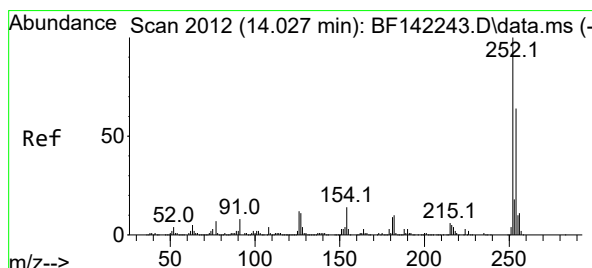
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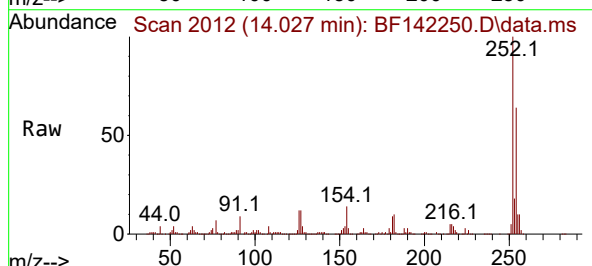
05/02/2025
Supervised By :Jagrut
Upadhyay



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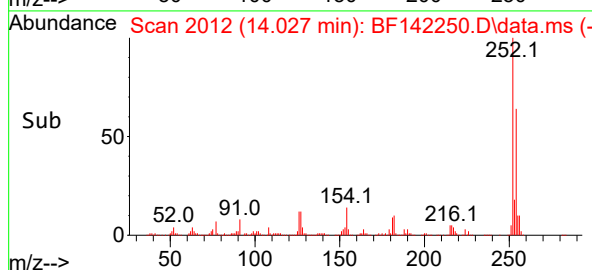
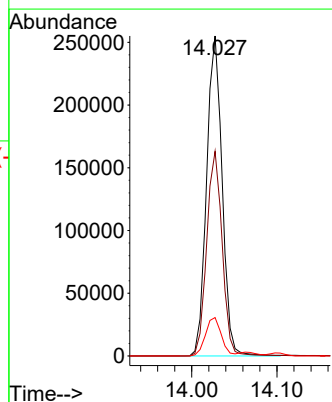


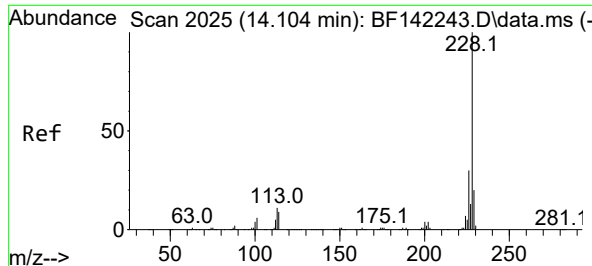
#82
3,3'-Dichlorobenzidine
Concen: 42.615 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17



Tgt Ion:252 Resp: 323049

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.0	76.6
126	12.0	9.4	14.2





#83

Chrysene

Concen: 42.445 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142250.D

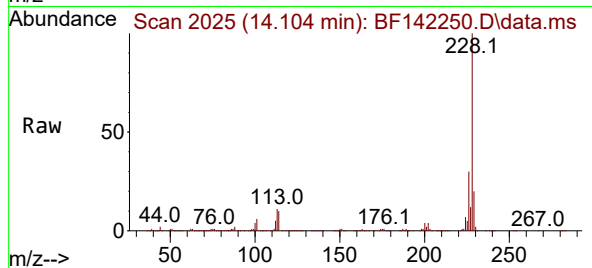
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 997135

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

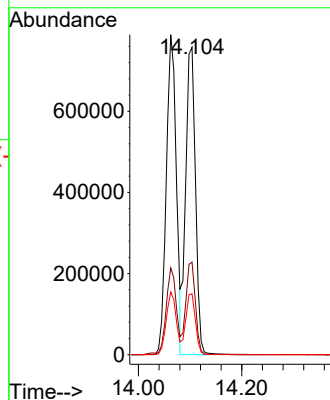
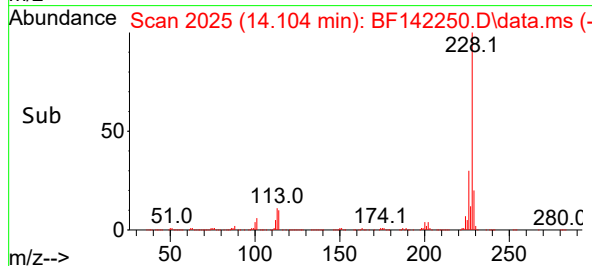
Upadhyay

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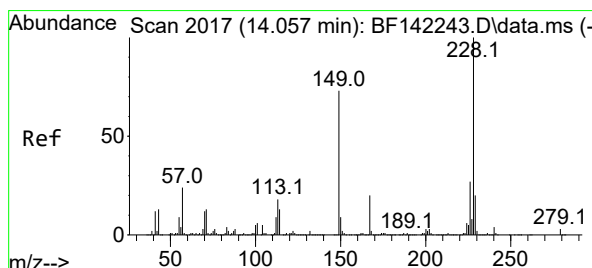
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Upadhyay



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#84

Bis(2-ethylhexyl)phthalate

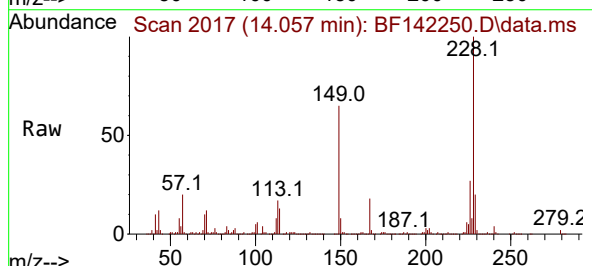
Concen: 36.467 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17



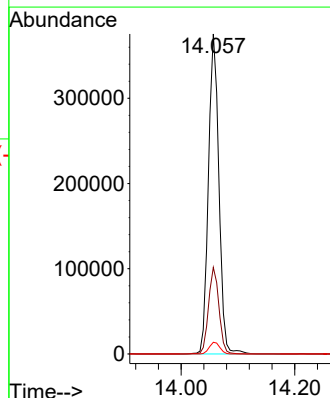
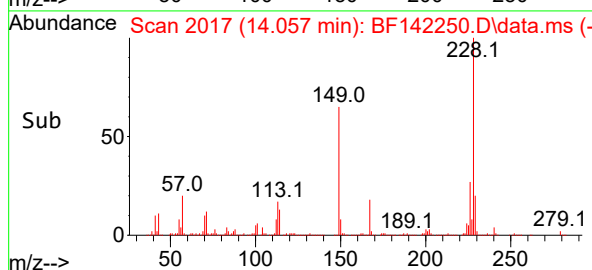
Tgt Ion:149 Resp: 477774

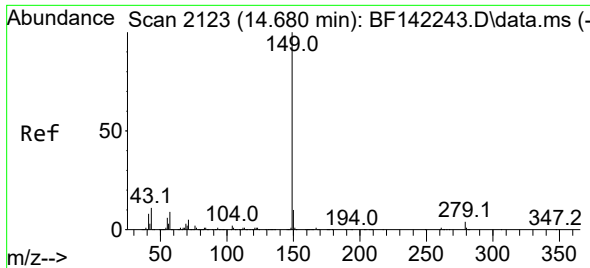
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

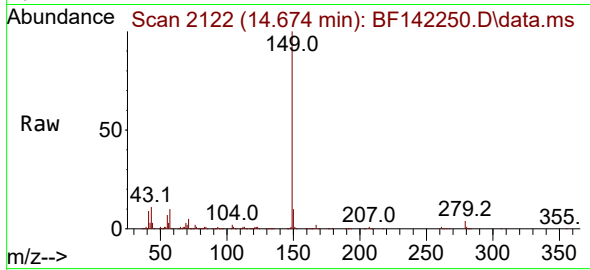
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 33.845 ng
RT: 14.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 78281
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.7 9.3 13.9

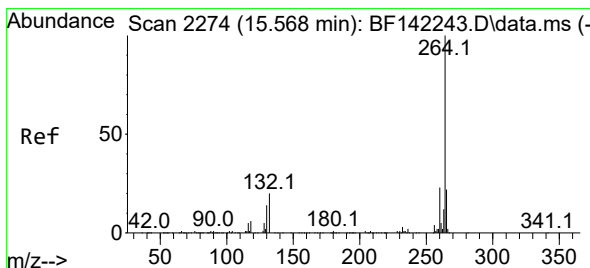
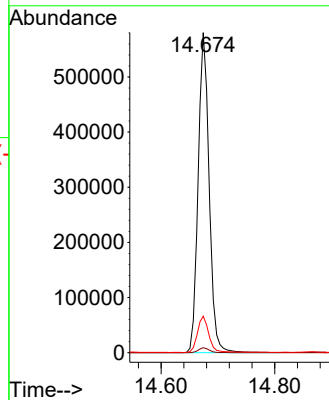
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli
05/02/2025

Supervised By :Jagrut
Upadhyay
05/02/2025

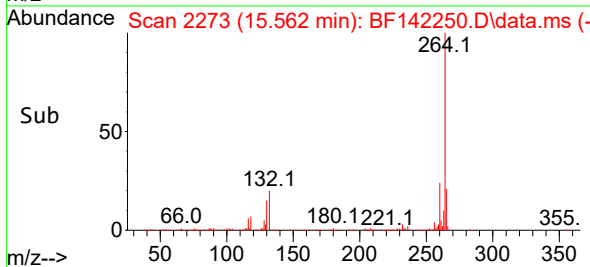
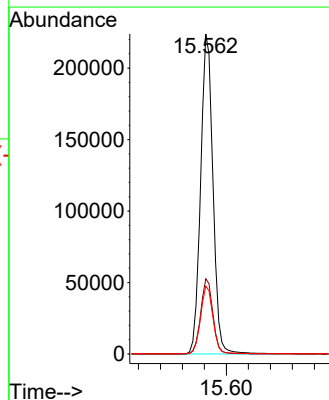
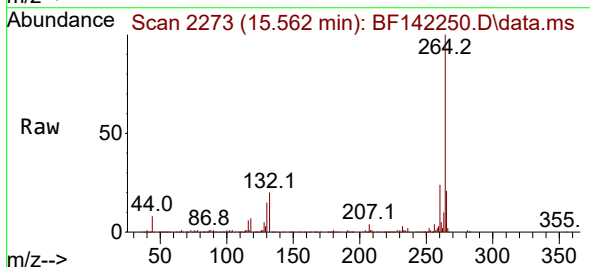
05/02/2025
Supervised By :Jagrut
Upadhyay

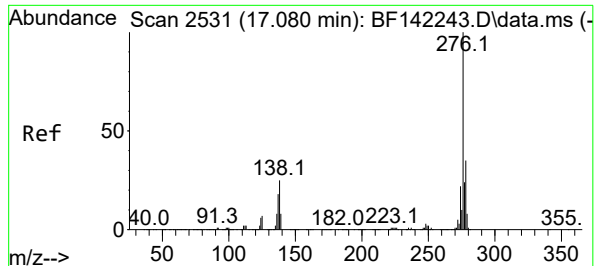
05/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:264 Resp: 349272
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.864 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1071010

Ion Ratio Lower Upper

276 100

138 28.3 22.6 33.8

277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

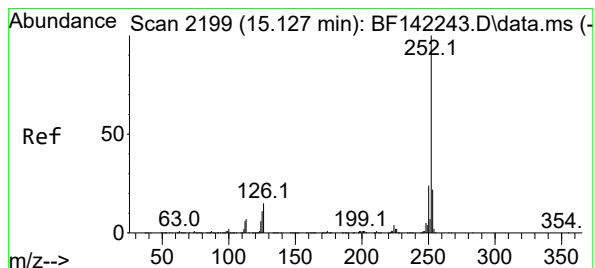
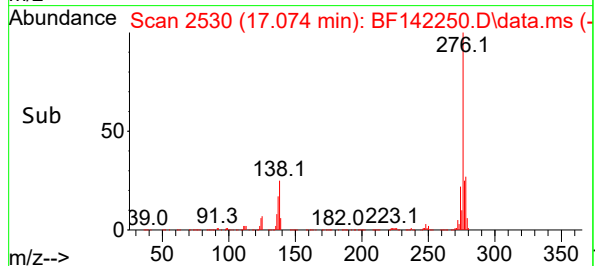
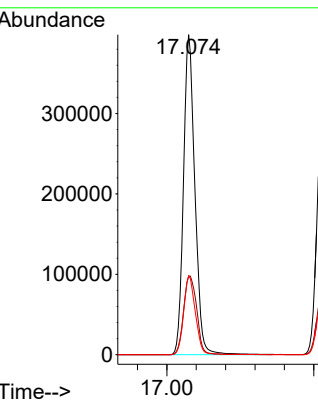
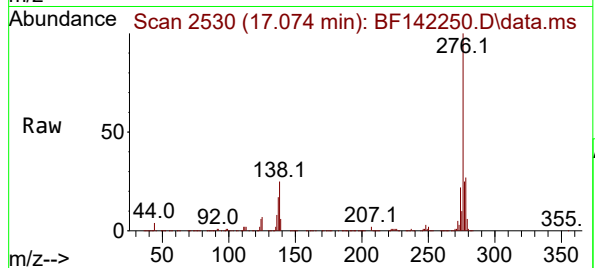
05/02/2025

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025



#88

Benzo(b)fluoranthene

Concen: 39.998 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

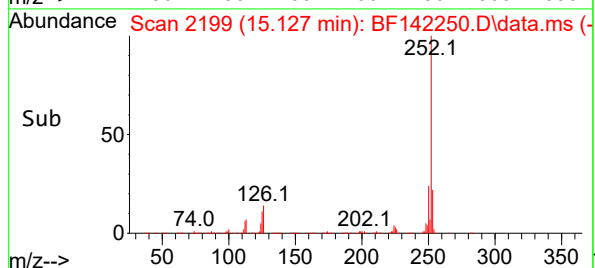
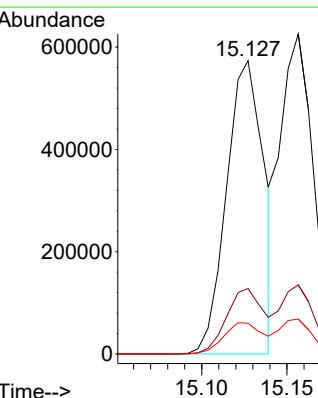
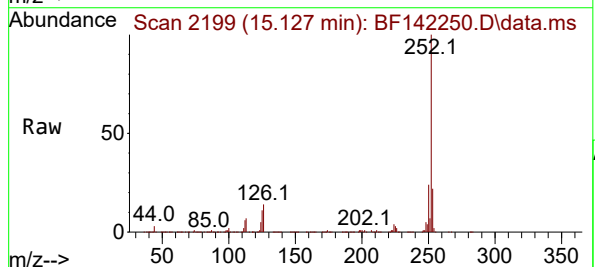
Tgt Ion:252 Resp: 867766

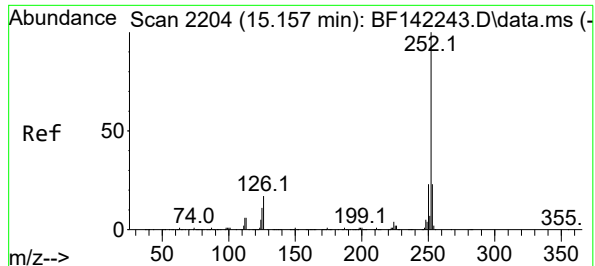
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.5 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 43.643 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 866064

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 10.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

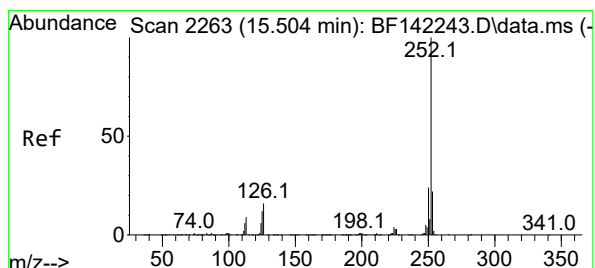
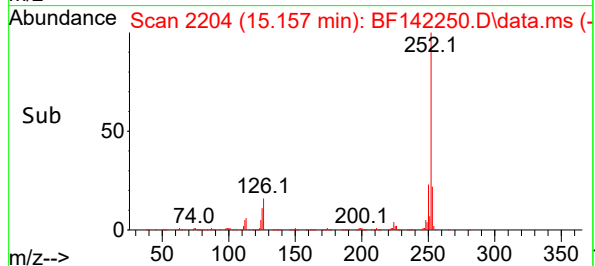
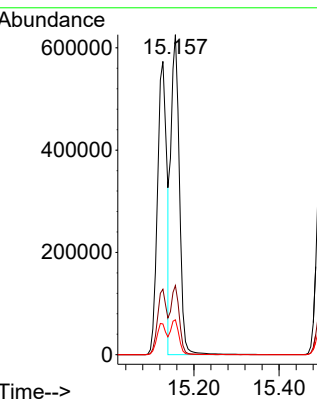
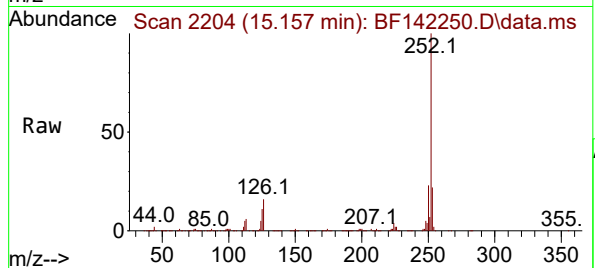
05/02/2025

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025



#90

Benzo(a)pyrene

Concen: 41.969 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142250.D

Acq: 01 May 2025 10:17

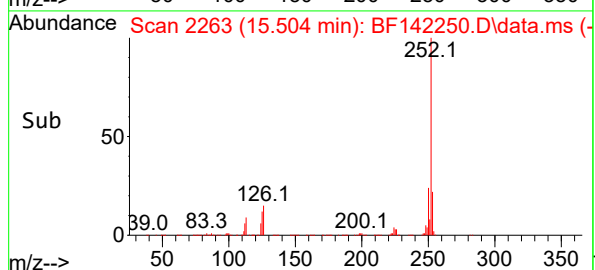
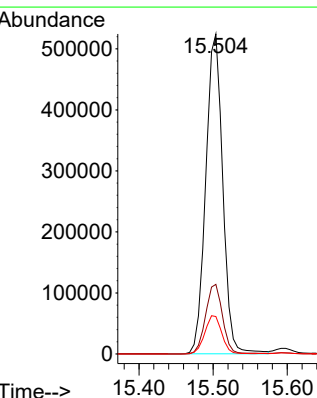
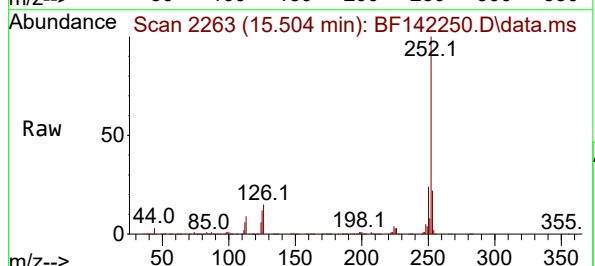
Tgt Ion:252 Resp: 833612

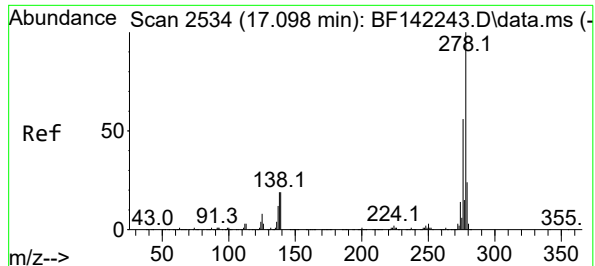
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.7 9.5 14.3





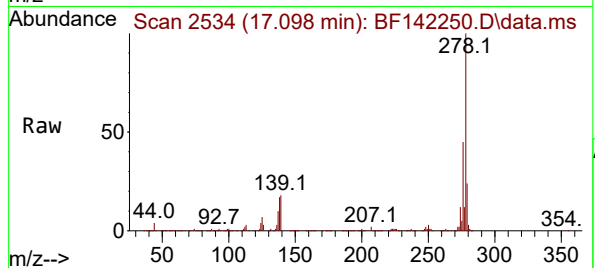
#91
Dibenzo(a,h)anthracene
Concen: 42.333 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:278 Resp: 878980
Ion Ratio Lower Upper
278 100
139 18.3 15.2 22.8
279 23.5 19.0 28.6

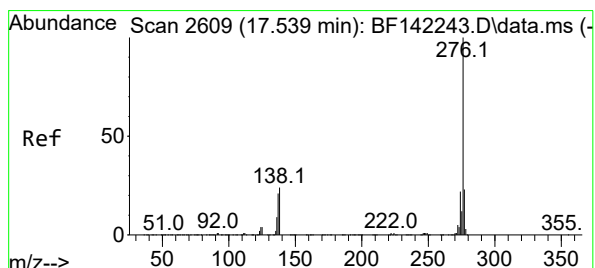
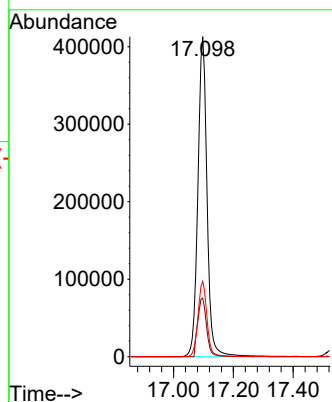
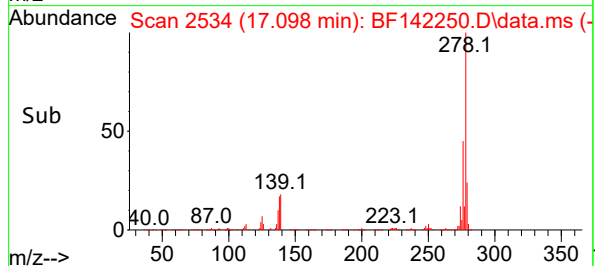
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

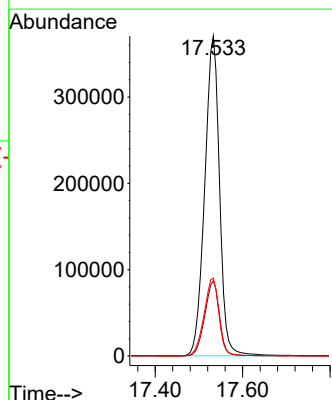
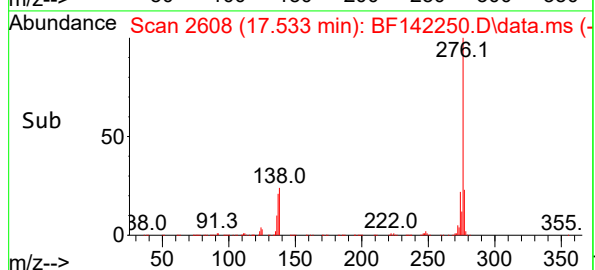
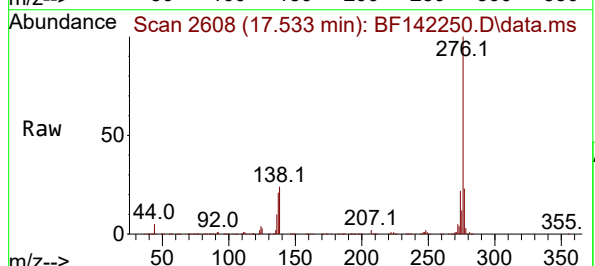
Supervised By :Jagrut
Upadhyay
05/02/2025

05/02/2025
Supervised By :Jagrut
Upadhyay



#92
Benzo(g,h,i)perylene
Concen: 41.848 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.006 min
Lab File: BF142250.D
Acq: 01 May 2025 10:17

Tgt Ion:276 Resp: 873517
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 24.3 19.4 29.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	104	0.00
2	1,4-Dioxane	0.559	0.579	-3.6	101	0.00
3	Pyridine	1.454	1.532	-5.4	104	0.00
4	n-Nitrosodimethylamine	0.752	0.798	-6.1	103	0.00
5 S	2-Fluorophenol	1.252	1.250	0.2	99	0.00
6	Aniline	2.140	2.225	-4.0	103	0.00
7 S	Phenol-d6	1.512	1.575	-4.2	102	0.00
8	2-Chlorophenol	1.294	1.275	1.5	96	0.00
9	Benzaldehyde	1.057	1.122	-6.1	104	0.00
10 C	Phenol	1.628	1.656	-1.7	100	0.00
11	bis(2-Chloroethyl)ether	1.262	1.326	-5.1	104	0.00
12	1,3-Dichlorobenzene	1.464	1.519	-3.8	103	0.00
13 C	1,4-Dichlorobenzene	1.475	1.526	-3.5	102	0.00
14	1,2-Dichlorobenzene	1.408	1.474	-4.7	104	0.00
15	Benzyl Alcohol	1.073	1.102	-2.7	99	0.00
16	2,2'-oxybis(1-Chloropropane	2.278	2.385	-4.7	104	0.00
17	2-Methylphenol	1.060	1.103	-4.1	102	0.00
18	Hexachloroethane	0.483	0.505	-4.6	103	0.00
19 P	n-Nitroso-di-n-propylamine	0.934	0.954	-2.1	102	0.00
20	3+4-Methylphenols	1.326	1.404	-5.9	104	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22	Acetophenone	0.463	0.480	-3.7	104	0.00
23 S	Nitrobenzene-d5	0.304	0.333	-9.5	100	0.00
24	Nitrobenzene	0.299	0.320	-7.0	100	0.00
25	Isophorone	0.639	0.672	-5.2	104	0.00
26 C	2-Nitrophenol	0.102	0.098	3.9	86	0.00
27	2,4-Dimethylphenol	0.322	0.337	-4.7	102	0.00
28	bis(2-Chloroethoxy)methane	0.403	0.421	-4.5	103	0.00
29 C	2,4-Dichlorophenol	0.269	0.285	-5.9	100	0.00
30	1,2,4-Trichlorobenzene	0.301	0.315	-4.7	103	0.00
31	Naphthalene	0.997	1.030	-3.3	103	0.00
32	Benzoic acid	0.125	0.117	6.4	92	0.00
33	4-Chloroaniline	0.415	0.433	-4.3	103	0.00
34 C	Hexachlorobutadiene	0.175	0.186	-6.3	103	0.00
35	Caprolactam	0.081	0.090	-11.1	106	0.00
36 C	4-Chloro-3-methylphenol	0.277	0.300	-8.3	103	0.00
37	2-Methylnaphthalene	0.613	0.635	-3.6	104	0.00
38	1-Methylnaphthalene	0.635	0.661	-4.1	103	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.563	0.572	-1.6	102	0.00
41 P	Hexachlorocyclopentadiene	0.319	0.316	0.9	92	0.00
42 S	2,4,6-Tribromophenol	0.182	0.196	-7.7	99	0.00
43 C	2,4,6-Trichlorophenol	0.349	0.354	-1.4	98	0.00
44	2,4,5-Trichlorophenol	0.367	0.386	-5.2	98	0.00
45 S	2-Fluorobiphenyl	1.418	1.409	0.6	103	0.00
46	1,1'-Biphenyl	1.555	1.591	-2.3	103	0.00
47	2-Chloronaphthalene	1.157	1.176	-1.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	0.249	0.277	-11.2	97	0.00
49	Acenaphthylene	1.952	1.996	-2.3	103	0.00
50	Dimethylphthalate	1.280	1.346	-5.2	105	0.00
51	2,6-Dinitrotoluene	0.204	0.231	-13.2	98	0.00
52 C	Acenaphthene	1.140	1.185	-3.9	104	0.00
53	3-Nitroaniline	0.257	0.296	-15.2	102	0.00
54 P	2,4-Dinitrophenol	0.058	0.056	3.4	101	0.00
55	Dibenzofuran	1.709	1.772	-3.7	104	0.00
56 P	4-Nitrophenol	0.201	0.210	-4.5	100	0.00
57	2,4-Dinitrotoluene	0.239	0.289	-20.9	104	0.00
58	Fluorene	1.299	1.322	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	0.304	0.323	-6.3	99	0.00
60	Diethylphthalate	1.263	1.352	-7.0	106	0.00
61	4-Chlorophenyl-phenylether	0.617	0.638	-3.4	104	0.00
62	4-Nitroaniline	0.238	0.283	-18.9	107	0.00
63	Azobenzene	1.248	1.307	-4.7	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	0.054	0.053	1.9	102	0.00
66 c	n-Nitrosodiphenylamine	0.683	0.706	-3.4	104	0.00
67	4-Bromophenyl-phenylether	0.223	0.235	-5.4	105	0.00
68	Hexachlorobenzene	0.249	0.257	-3.2	104	0.00
69	Atrazine	0.180	0.204	-13.3	112	0.00
70 C	Pentachlorophenol	0.132	0.137	-3.8	100	0.00
71	Phenanthrene	1.080	1.116	-3.3	105	0.00
72	Anthracene	1.105	1.142	-3.3	106	0.00
73	Carbazole	1.008	1.044	-3.6	106	0.00
74	Di-n-butylphthalate	1.013	1.137	-12.2	112	0.00
75 C	Fluoranthene	1.068	1.147	-7.4	111	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	116	0.00
77	Benzidine	0.850	0.981	-15.4	118	0.00
78	Pyrene	1.845	1.938	-5.0	111	0.00
79 S	Terphenyl-d14	1.375	1.422	-3.4	111	0.00
80	Butylbenzylphthalate	0.425	0.502	-18.1	115	0.00
81	Benzo(a)anthracene	1.343	1.378	-2.6	111	0.00
82	3,3'-Dichlorobenzidine	0.394	0.420	-6.6	110	0.00
83	Chrysene	1.222	1.297	-6.1	122	0.00
84	Bis(2-ethylhexyl)phthalate	0.604	0.621	-2.8	104	0.00
85 c	Di-n-octyl phthalate	1.133	1.018	10.2	94	0.00
86 I	Perylene-d12	1.000	1.000	0.0	106	0.00
87	Indeno(1,2,3-cd)pyrene	1.465	1.533	-4.6	101	0.00
88	Benzo(b)fluoranthene	1.242	1.242	0.0	101	0.00
89	Benzo(k)fluoranthene	1.136	1.240	-9.2	115	0.00
90 C	Benzo(a)pyrene	1.137	1.193	-4.9	105	0.00
91	Dibenzo(a,h)anthracene	1.189	1.258	-5.8	102	0.00
92	Benzo(g,h,i)perylene	1.195	1.250	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
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Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 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	104	0.00
2	1,4-Dioxane	40.000	41.429	-3.6	101	0.00
3	Pyridine	40.000	42.158	-5.4	104	0.00
4	n-Nitrosodimethylamine	40.000	42.418	-6.0	103	0.00
5 S	2-Fluorophenol	80.000	79.825	0.2	99	0.00
6	Aniline	40.000	41.579	-3.9	103	0.00
7 S	Phenol-d6	80.000	83.296	-4.1	102	0.00
8	2-Chlorophenol	40.000	39.409	1.5	96	0.00
9	Benzaldehyde	40.000	42.464	-6.2	104	0.00
10 C	Phenol	40.000	40.684	-1.7	100	0.00
11	bis(2-Chloroethyl)ether	40.000	42.030	-5.1	104	0.00
12	1,3-Dichlorobenzene	40.000	41.505	-3.8	103	0.00
13 C	1,4-Dichlorobenzene	40.000	41.388	-3.5	102	0.00
14	1,2-Dichlorobenzene	40.000	41.885	-4.7	104	0.00
15	Benzyl Alcohol	40.000	41.095	-2.7	99	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.870	-4.7	104	0.00
17	2-Methylphenol	40.000	41.610	-4.0	102	0.00
18	Hexachloroethane	40.000	41.867	-4.7	103	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.842	-2.1	102	0.00
20	3+4-Methylphenols	40.000	42.351	-5.9	104	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22	Acetophenone	40.000	41.462	-3.7	104	0.00
23 S	Nitrobenzene-d5	80.000	87.469	-9.3	100	0.00
24	Nitrobenzene	40.000	42.902	-7.3	100	0.00
25	Isophorone	40.000	42.059	-5.1	104	0.00
26 C	2-Nitrophenol	40.000	34.044	14.9	86	0.00
27	2,4-Dimethylphenol	40.000	41.898	-4.7	102	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.820	-4.6	103	0.00
29 C	2,4-Dichlorophenol	40.000	42.280	-5.7	100	0.00
30	1,2,4-Trichlorobenzene	40.000	41.910	-4.8	103	0.00
31	Naphthalene	40.000	41.304	-3.3	103	0.00
32	Benzoic acid	40.000	34.514	13.7	92	0.00
33	4-Chloroaniline	40.000	41.683	-4.2	103	0.00
34 C	Hexachlorobutadiene	40.000	42.382	-6.0	103	0.00
35	Caprolactam	40.000	44.410	-11.0	106	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.337	-8.3	103	0.00
37	2-Methylnaphthalene	40.000	41.414	-3.5	104	0.00
38	1-Methylnaphthalene	40.000	41.597	-4.0	103	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.641	-1.6	102	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.605	1.0	92	0.00
42 S	2,4,6-Tribromophenol	80.000	85.983	-7.5	99	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.551	-1.4	98	0.00
44	2,4,5-Trichlorophenol	40.000	42.108	-5.3	98	0.00
45 S	2-Fluorobiphenyl	80.000	79.446	0.7	103	0.00
46	1,1'-Biphenyl	40.000	40.922	-2.3	103	0.00
47	2-Chloronaphthalene	40.000	40.663	-1.7	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142250.D
 Acq On : 01 May 2025 10:17
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	37.508	6.2	97	0.00
49	Acenaphthylene	40.000	40.906	-2.3	103	0.00
50	Dimethylphthalate	40.000	42.093	-5.2	105	0.00
51	2,6-Dinitrotoluene	40.000	38.527	3.7	98	0.00
52 C	Acenaphthene	40.000	41.576	-3.9	104	0.00
53	3-Nitroaniline	40.000	40.152	-0.4	102	0.00
54 P	2,4-Dinitrophenol	40.000	37.926	5.2	101	0.00
55	Dibenzofuran	40.000	41.484	-3.7	104	0.00
56 P	4-Nitrophenol	40.000	41.706	-4.3	100	0.00
57	2,4-Dinitrotoluene	40.000	39.850	0.4	104	0.00
58	Fluorene	40.000	40.709	-1.8	103	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.475	-6.2	99	0.00
60	Diethylphthalate	40.000	42.799	-7.0	106	0.00
61	4-Chlorophenyl-phenylether	40.000	41.333	-3.3	104	0.00
62	4-Nitroaniline	40.000	42.018	-5.0	107	0.00
63	Azobenzene	40.000	41.895	-4.7	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	35.905	10.2	102	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.322	-3.3	104	0.00
67	4-Bromophenyl-phenylether	40.000	42.258	-5.6	105	0.00
68	Hexachlorobenzene	40.000	41.207	-3.0	104	0.00
69	Atrazine	40.000	45.262	-13.2	112	0.00
70 C	Pentachlorophenol	40.000	41.491	-3.7	100	0.00
71	Phenanthrene	40.000	41.326	-3.3	105	0.00
72	Anthracene	40.000	41.339	-3.3	106	0.00
73	Carbazole	40.000	41.429	-3.6	106	0.00
74	Di-n-butylphthalate	40.000	44.864	-12.2	112	0.00
75 C	Fluoranthene	40.000	42.947	-7.4	111	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	116	0.00
77	Benzydine	40.000	46.160	-15.4	118	0.00
78	Pyrene	40.000	42.016	-5.0	111	0.00
79 S	Terphenyl-d14	80.000	82.722	-3.4	111	0.00
80	Butylbenzylphthalate	40.000	40.417	-1.0	115	0.00
81	Benzo(a)anthracene	40.000	41.049	-2.6	111	0.00
82	3,3'-Dichlorobenzidine	40.000	42.615	-6.5	110	0.00
83	Chrysene	40.000	42.445	-6.1	122	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.467	8.8	104	0.00
85 c	Di-n-octyl phthalate	40.000	33.845	15.4	94	0.00
86 I	Perylene-d12	20.000	20.000	0.0	106	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.864	-4.7	101	0.00
88	Benzo(b)fluoranthene	40.000	39.998	0.0	101	0.00
89	Benzo(k)fluoranthene	40.000	43.643	-9.1	115	0.00
90 C	Benzo(a)pyrene	40.000	41.969	-4.9	105	0.00
91	Dibenzo(a,h)anthracene	40.000	42.333	-5.8	102	0.00
92	Benzo(g,h,i)perylene	40.000	41.848	-4.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142250.D
Acq On : 01 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 01 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1903 SAS No.: Q1903 SDG No.: Q1903

Instrument ID: BNA_M Calibration Date/Time: 05/01/2025 13:25

Lab File ID: BM050062.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.339		17.3	
Phenol-d6	1.436	1.600		11.4	
Nitrobenzene-d5	0.406	0.470		15.8	
Naphthalene	1.013	1.086		7.2	
2-Fluorobiphenyl	1.691	1.996		18.0	
Fluorene	1.463	1.622		10.9	
2,4,6-Tribromophenol	0.296	0.313		5.7	
Phenanthrene	1.128	1.244		10.3	
Anthracene	1.142	1.274		11.6	
Pyrene	1.404	1.537		9.5	
Terphenyl-d14	1.352	1.606		18.8	
Benzo (a) anthracene	1.377	1.520		10.4	
Chrysene	1.275	1.371		7.5	
Benzo (b) fluoranthene	1.301	1.413		8.6	
Benzo (a) pyrene	1.218	1.323		8.6	20.0
Indeno (1,2,3-cd) pyrene	1.490	1.620		8.7	
Benzo (g,h,i) perylene	1.163	1.262		8.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	329367	20.000	ng	-0.01
21) Naphthalene-d8	10.545	136	1090203	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	636680	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1171488	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1137064	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1050482	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1763849	93.775	ng	0.00
7) Phenol-d6	6.940	99	2108064	89.170	ng	-0.01
23) Nitrobenzene-d5	8.916	82	2051183	92.712	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	795940	84.547	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	5083891	94.461	ng	-0.02
79) Terphenyl-d14	19.768	244	7303717	95.048	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	383184	47.513	ng	96
3) Pyridine	3.669	79	989783	47.766	ng	96
4) n-Nitrosodimethylamine	3.581	42	376576	46.336	ng	94
6) Aniline	7.087	93	1270890	42.572	ng	98
8) 2-Chlorophenol	7.328	128	859309	42.253	ng	97
9) Benzaldehyde	6.904	77	719532	45.481	ng	96
10) Phenol	6.969	94	1056904	44.161	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	856057	42.836	ng	98
12) 1,3-Dichlorobenzene	7.645	146	1045209	42.546	ng	98
13) 1,4-Dichlorobenzene	7.792	146	1048234	42.473	ng	99
14) 1,2-Dichlorobenzene	8.110	146	989132	41.490	ng	100
15) Benzyl Alcohol	8.004	79	692547	42.242	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1045823	43.052	ng	99
17) 2-Methylphenol	8.210	107	648585	41.137	ng	99
18) Hexachloroethane	8.828	117	378276	43.117	ng	95
19) n-Nitroso-di-n-propyla...	8.563	70	555015	36.605	ng	99
20) 3+4-Methylphenols	8.539	107	857963	40.296	ng	98
22) Acetophenone	8.581	105	1209811	44.635	ng	# 99
24) Nitrobenzene	8.957	77	875427	45.762	ng	99
25) Isophorone	9.481	82	1574508	41.750	ng	97
26) 2-Nitrophenol	9.663	139	430669	44.067	ng	94
27) 2,4-Dimethylphenol	9.734	122	691532	42.668	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	991786	42.549	ng	99
29) 2,4-Dichlorophenol	10.210	162	775404	42.706	ng	98
30) 1,2,4-Trichlorobenzene	10.410	180	949929	42.941	ng	100
31) Naphthalene	10.592	128	2368369	42.897	ng	100
32) Benzoic acid	9.898	122	406206	39.188	ng	94
33) 4-Chloroaniline	10.710	127	928926	41.048	ng	98
34) Hexachlorobutadiene	10.881	225	608678	43.347	ng	99
35) Caprolactam	11.510	113	194333	36.708	ng	90
36) 4-Chloro-3-methylphenol	11.851	107	661004	39.405	ng	97
37) 2-Methylnaphthalene	12.210	142	1522915	41.142	ng	99
38) 1-Methylnaphthalene	12.427	142	1586181	40.492	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	1034474	46.936	ng	100
41) Hexachlorocyclopentadiene	12.563	237	600946	44.616	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	631478	45.172	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

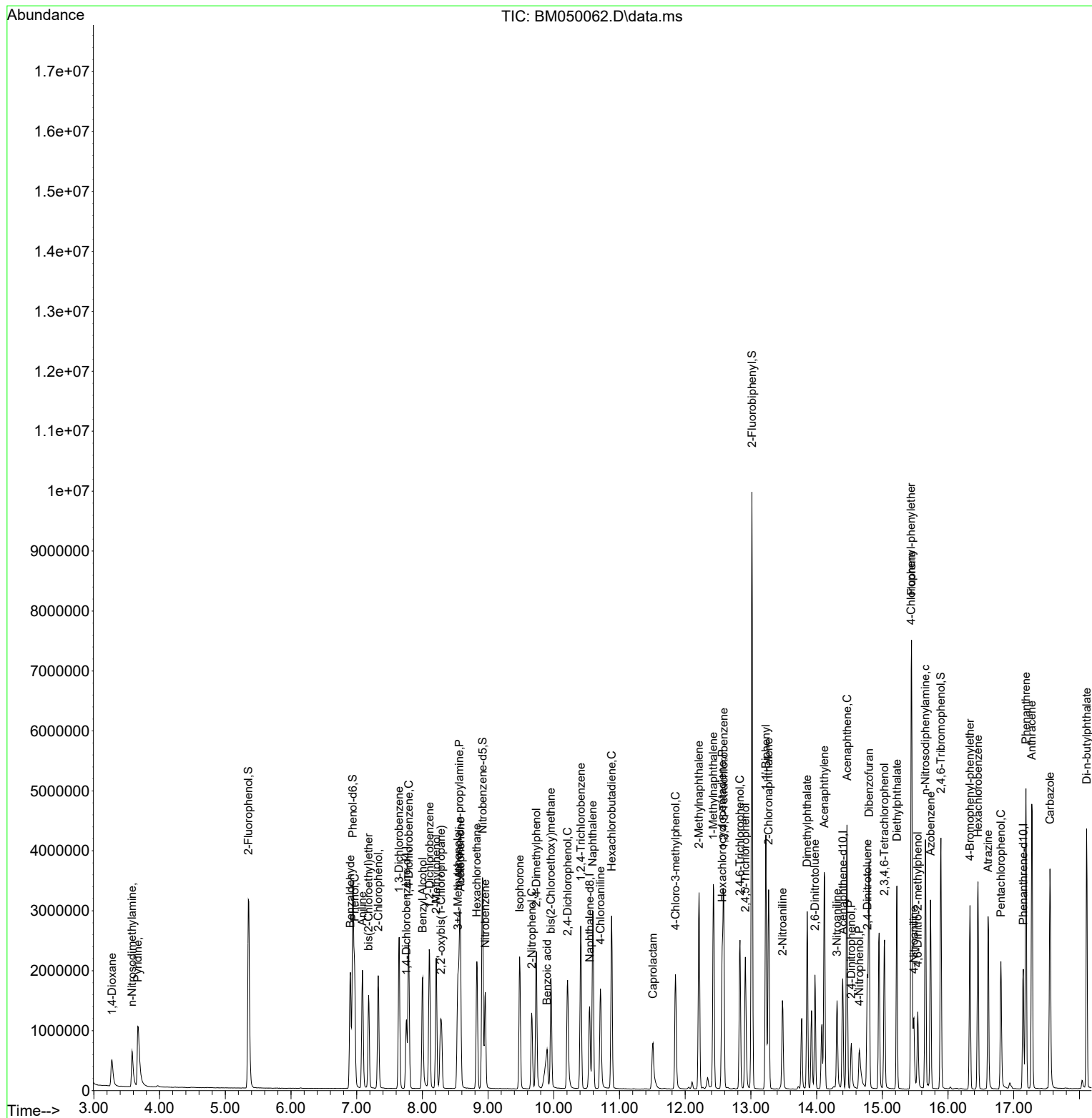
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	671975	44.577	ng	98
46) 1,1'-Biphenyl	13.227	154	2131816	45.044	ng	99
47) 2-Chloronaphthalene	13.269	162	1684006	44.927	ng	99
48) 2-Nitroaniline	13.480	65	410017	46.607	ng	94
49) Acenaphthylene	14.116	152	2573916	43.552	ng	100
50) Dimethylphthalate	13.857	163	1902354	40.885	ng	100
51) 2,6-Dinitrotoluene	13.974	165	405683	42.111	ng	91
52) Acenaphthene	14.463	154	1493734	43.665	ng	99
53) 3-Nitroaniline	14.310	138	390509	42.458	ng	96
54) 2,4-Dinitrophenol	14.527	184	205027	36.611	ng	93
55) Dibenzofuran	14.798	168	2443491	42.931	ng	100
56) 4-Nitrophenol	14.651	139	282631	40.165	ng	93
57) 2,4-Dinitrotoluene	14.774	165	558403	41.948	ng	98
58) Fluorene	15.445	166	2065086	44.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	545793	41.828	ng	99
60) Diethylphthalate	15.221	149	1779559	40.589	ng	99
61) 4-Chlorophenyl-phenylether	15.439	204	1121604	43.832	ng	98
62) 4-Nitroaniline	15.480	138	376575	42.437	ng	96
63) Azobenzene	15.733	77	1645970	44.796	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	307321	41.909	ng	93
66) n-Nitrosodiphenylamine	15.657	169	1598289	44.430	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	618264	43.643	ng	98
68) Hexachlorobenzene	16.457	284	713913	43.718	ng	98
69) Atrazine	16.610	200	550481	42.423	ng	99
70) Pentachlorophenol	16.804	266	408293	44.419	ng	99
71) Phenanthrene	17.186	178	2915695	44.128	ng	99
72) Anthracene	17.274	178	2984695	44.637	ng	99
73) Carbazole	17.551	167	2517620	43.390	ng	99
74) Di-n-butylphthalate	18.109	149	2966936	42.938	ng	99
75) Fluoranthene	19.203	202	3374127	43.496	ng	100
77) Benzidine	19.398	184	1153850	28.568	ng	99
78) Pyrene	19.568	202	3494418	43.763	ng	100
80) Butylbenzylphthalate	20.468	149	1248988	41.763	ng	95
81) Benzo(a)anthracene	21.368	228	3455861	44.135	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1252229	41.777	ng	99
83) Chrysene	21.427	228	3117333	43.016	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	1873155	41.933	ng	100
85) Di-n-octyl phthalate	22.415	149	2890157	39.233	ng	98
87) Indeno(1,2,3-cd)pyrene	27.756	276	3404250	43.491	ng	99
88) Benzo(b)fluoranthene	23.433	252	2969664	43.470	ng	100
89) Benzo(k)fluoranthene	23.497	252	3066550	44.376	ng	100
90) Benzo(a)pyrene	24.238	252	2780579	43.457	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	2773732	43.471	ng	99
92) Benzo(g,h,i)perylene	28.809	276	2650473	43.389	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

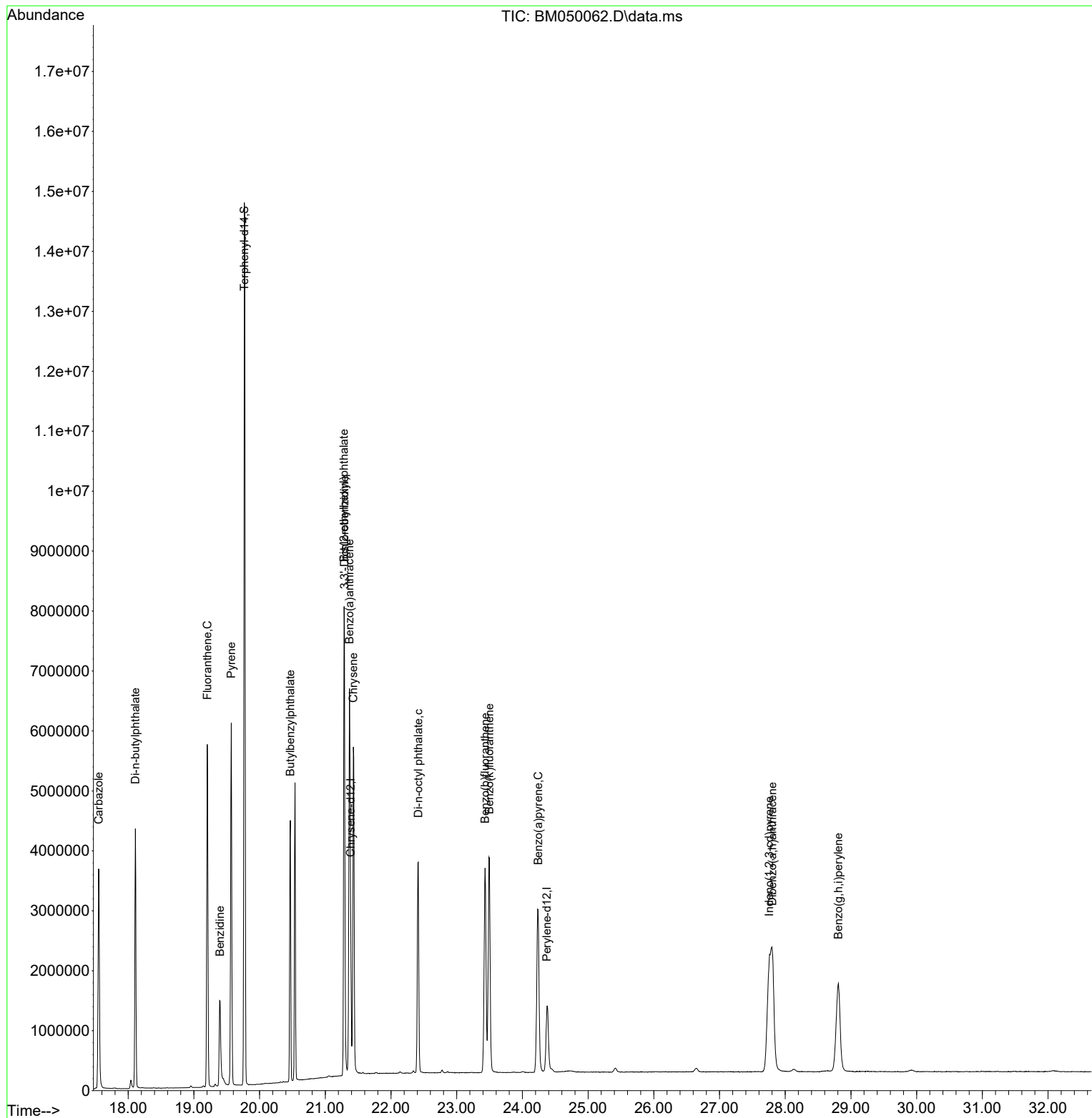
Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

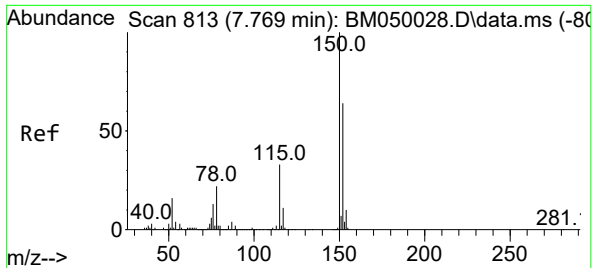


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

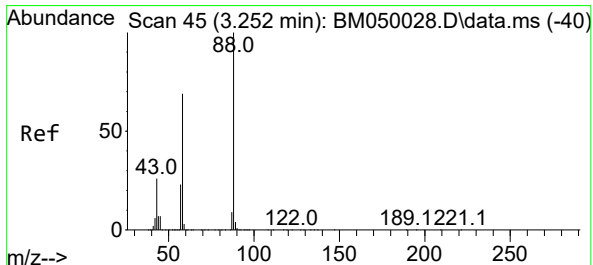
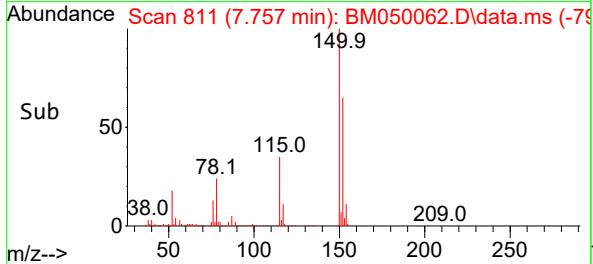
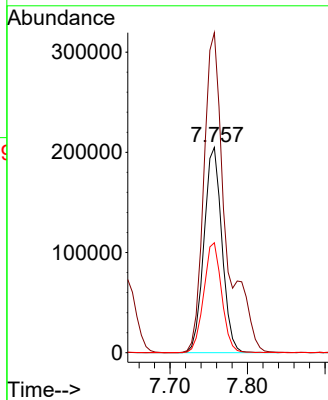
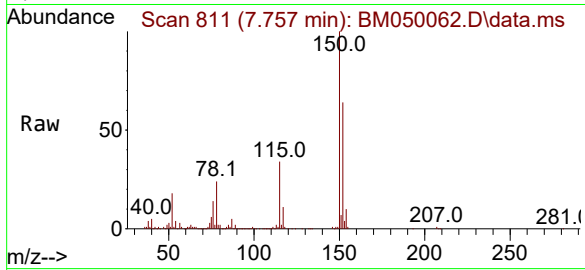




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

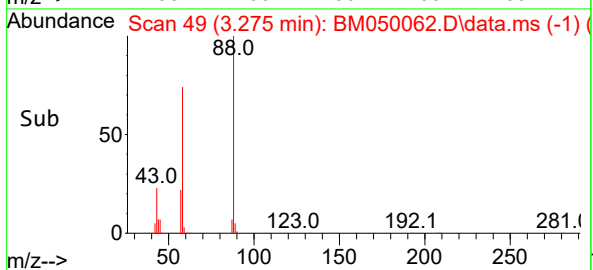
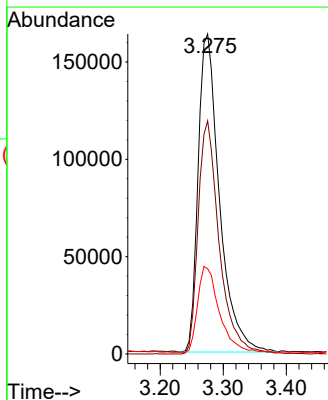
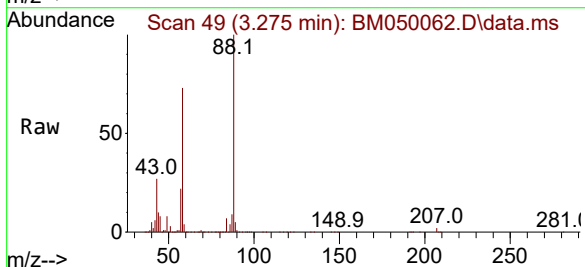
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

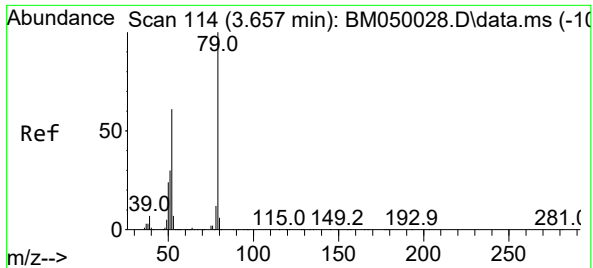
Tgt Ion:152 Resp: 329367
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 53.6 41.2 61.8



#2
1,4-Dioxane
Concen: 47.513 ng
RT: 3.275 min Scan# 49
Delta R.T. 0.024 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 88 Resp: 383184
Ion Ratio Lower Upper
88 100
58 72.6 55.1 82.7
43 27.2 20.9 31.3

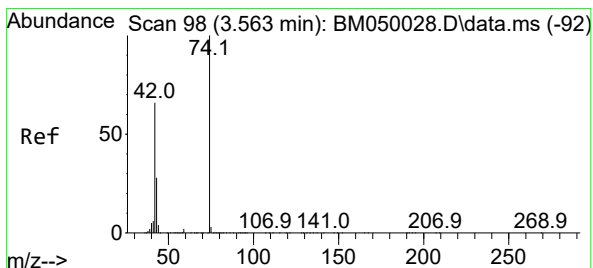
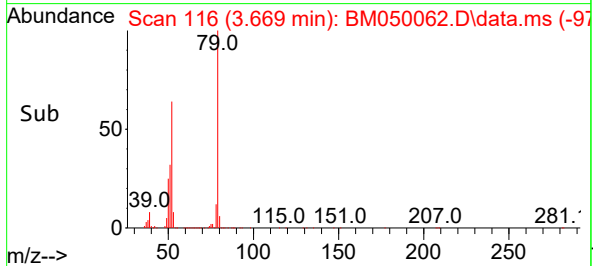
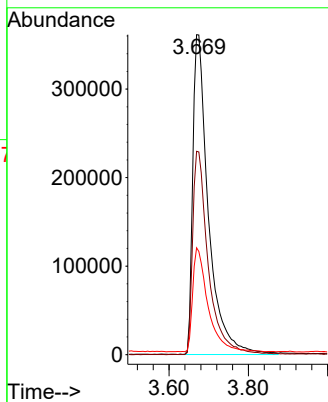
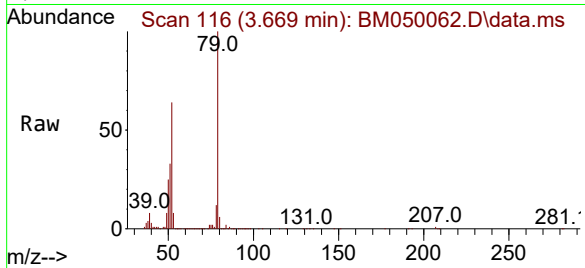




#3
Pyridine
Concen: 47.766 ng
RT: 3.669 min Scan# 114
Delta R.T. 0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

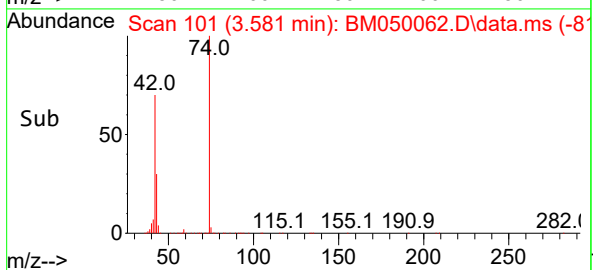
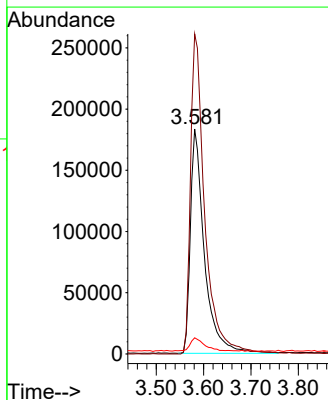
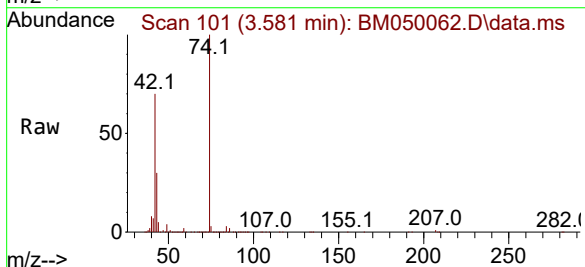
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

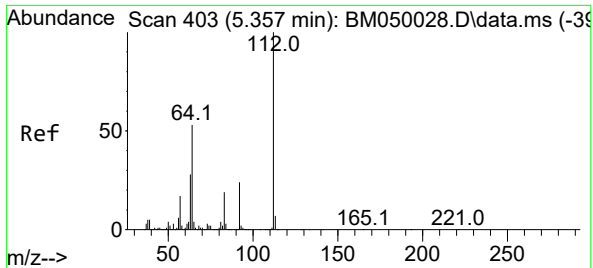
Tgt Ion: 79 Resp: 989783
Ion Ratio Lower Upper
79 100
52 63.5 48.6 72.8
51 33.4 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 46.336 ng
RT: 3.581 min Scan# 101
Delta R.T. 0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 42 Resp: 376576
Ion Ratio Lower Upper
42 100
74 142.2 120.2 180.2
44 7.2 6.2 9.2

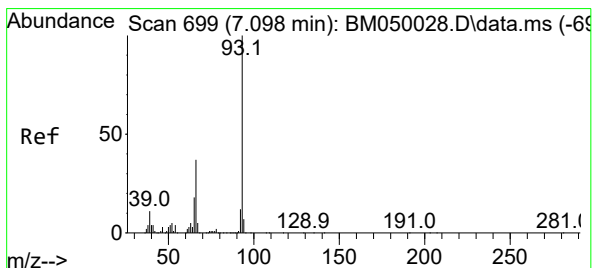
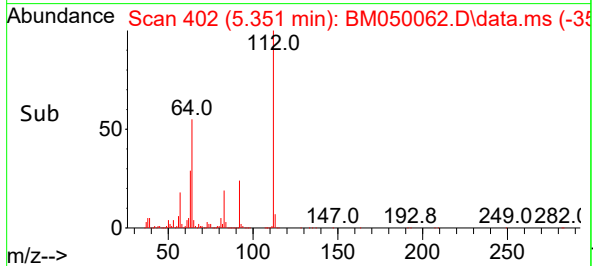
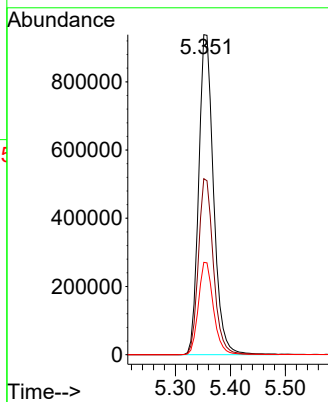
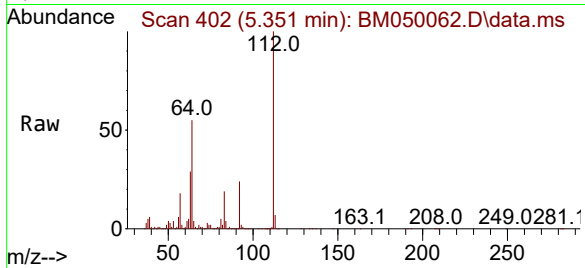




#5
2-Fluorophenol
Concen: 93.775 ng
RT: 5.351 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

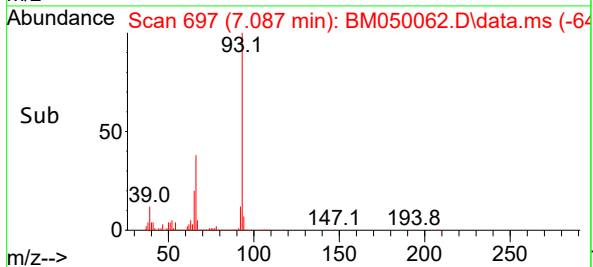
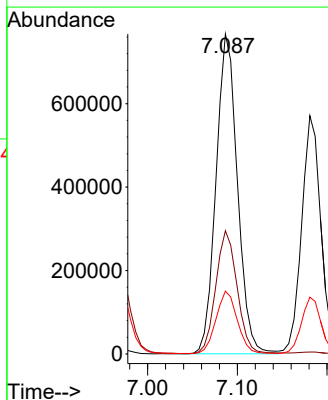
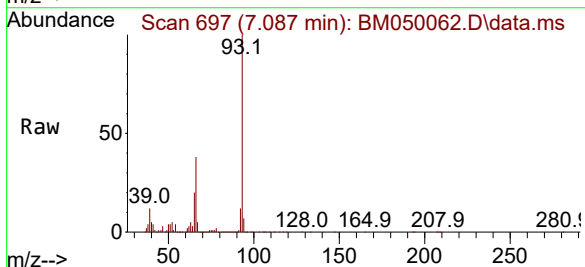
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

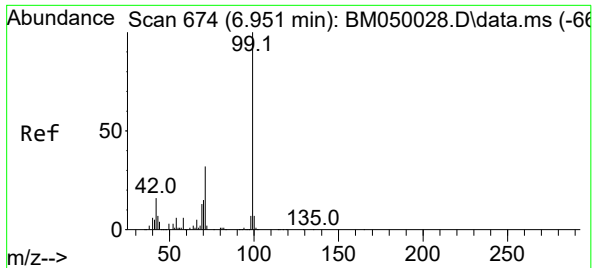
Tgt Ion:112 Resp: 1763849
Ion Ratio Lower Upper
112 100
64 55.0 42.6 64.0
63 28.9 22.2 33.4



#6
Aniline
Concen: 42.572 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 93 Resp: 1270890
Ion Ratio Lower Upper
93 100
66 38.5 29.9 44.9
65 19.6 14.5 21.7

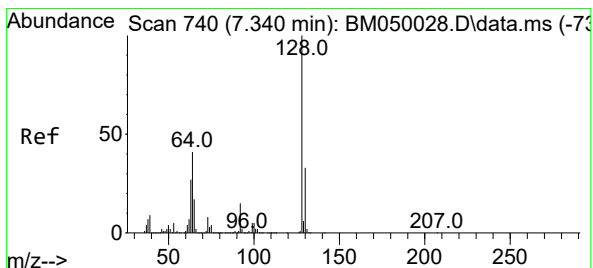
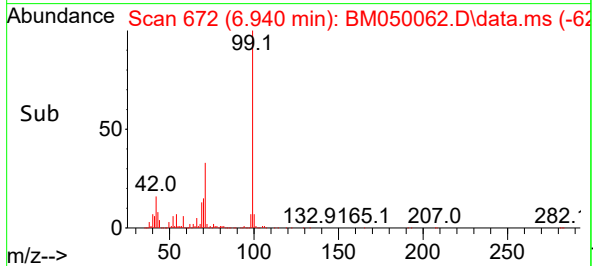
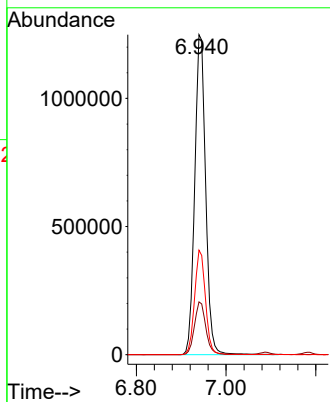
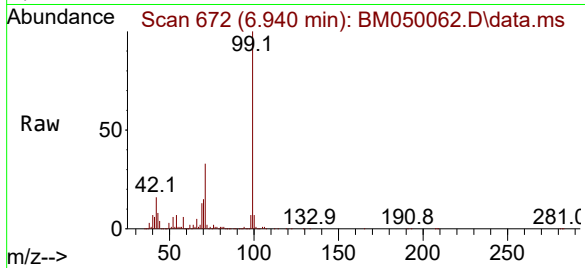




#7
Phenol-d6
Concen: 89.170 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

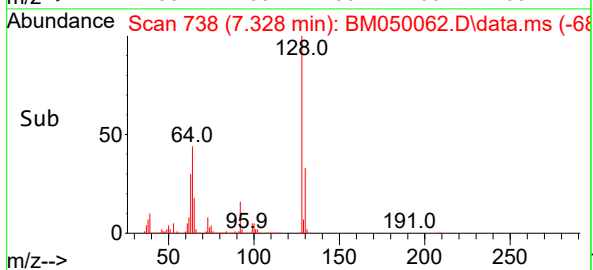
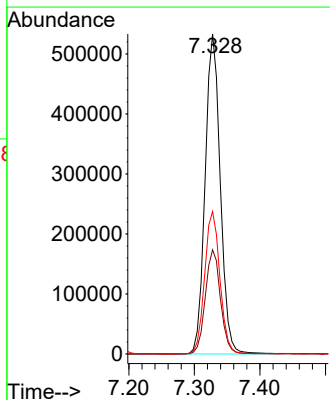
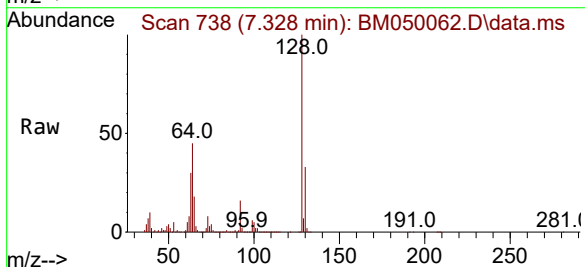
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

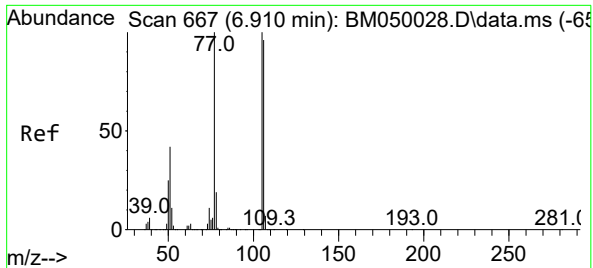
Tgt Ion: 99 Resp: 2108064
Ion Ratio Lower Upper
99 100
42 16.5 13.0 19.4
71 32.7 25.6 38.4



#8
2-Chlorophenol
Concen: 42.253 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 128 Resp: 859309
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 44.5 21.2 61.2

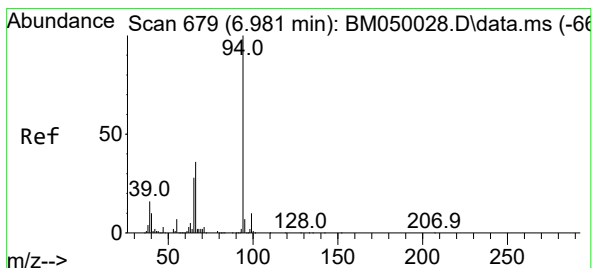
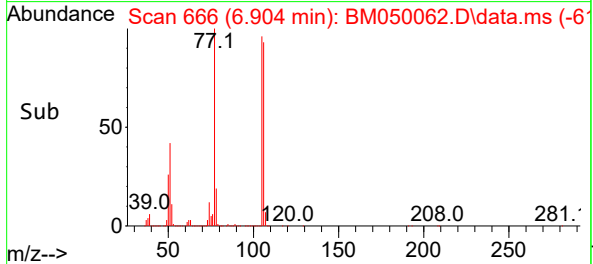
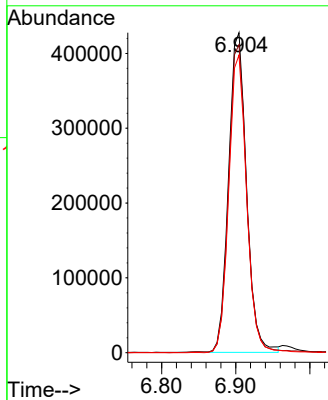
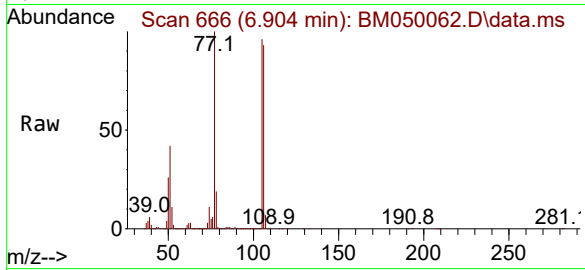




#9
Benzaldehyde
Concen: 45.481 ng
RT: 6.904 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

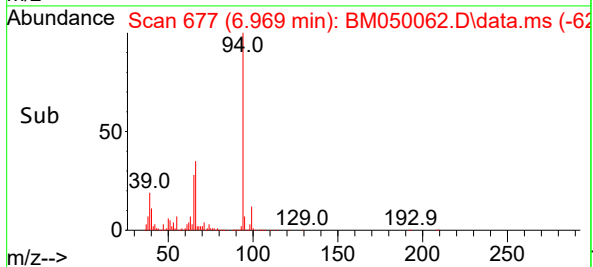
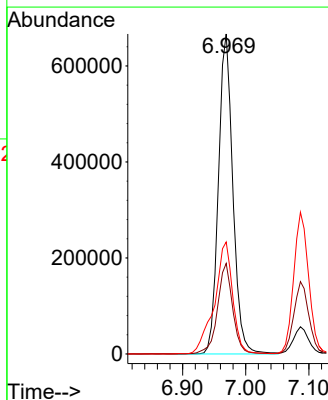
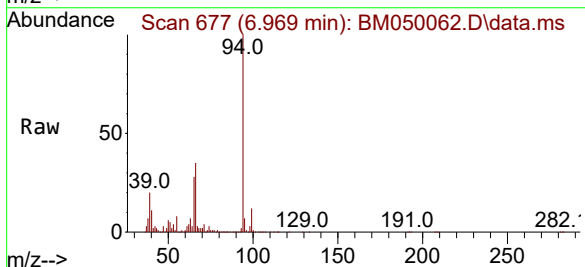
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

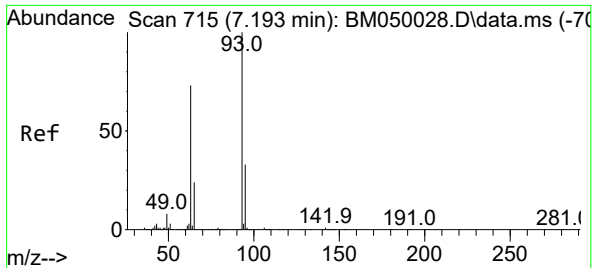
Tgt Ion: 77 Resp: 719532
Ion Ratio Lower Upper
77 100
105 96.2 80.5 120.5
106 93.0 76.1 116.1



#10
Phenol
Concen: 44.161 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 94 Resp: 1056904
Ion Ratio Lower Upper
94 100
65 28.3 7.6 47.6
66 35.0 15.8 55.8

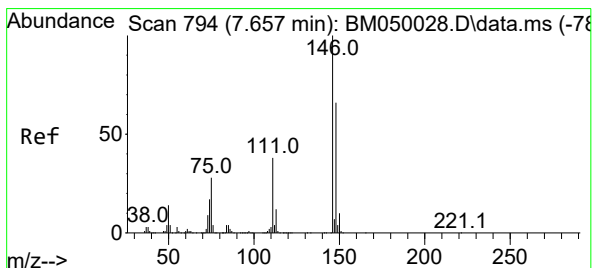
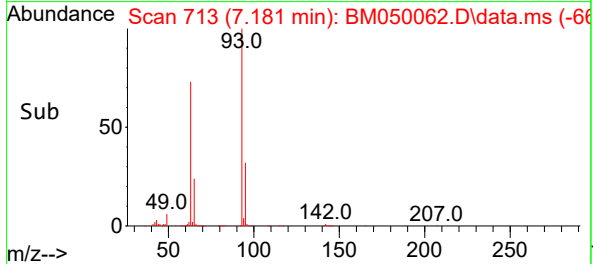
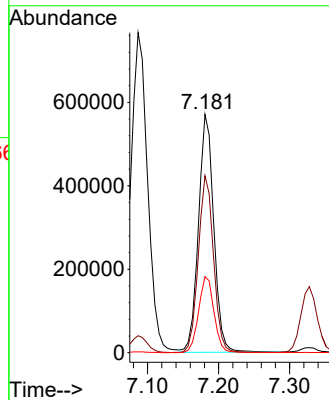
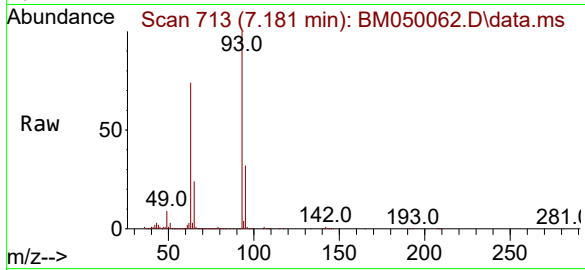




#11
bis(2-Chloroethyl)ether
Concen: 42.836 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

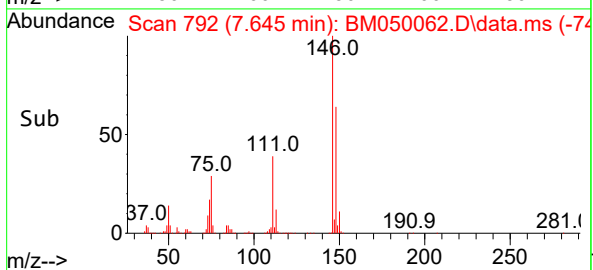
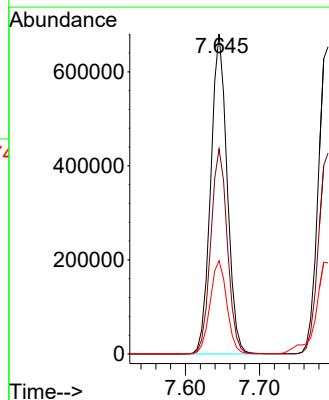
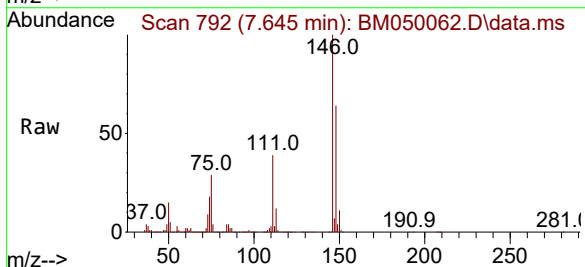
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

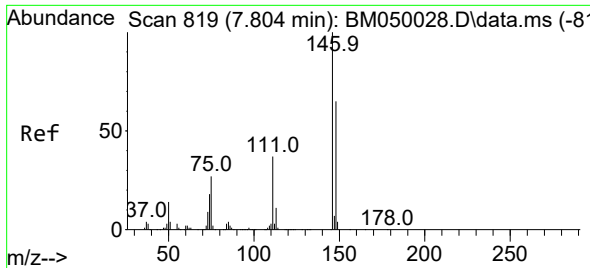
Tgt Ion: 93 Resp: 856057
Ion Ratio Lower Upper
93 100
63 74.3 52.3 92.3
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.546 ng
RT: 7.645 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 146 Resp: 1045209
Ion Ratio Lower Upper
146 100
148 64.1 52.5 78.7
75 29.1 22.6 34.0

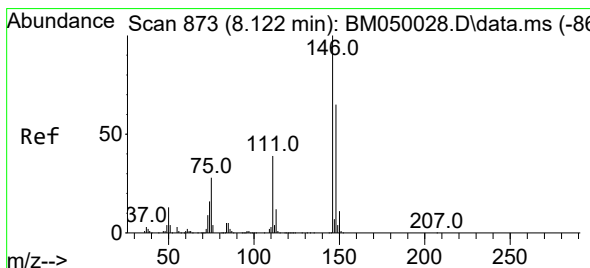
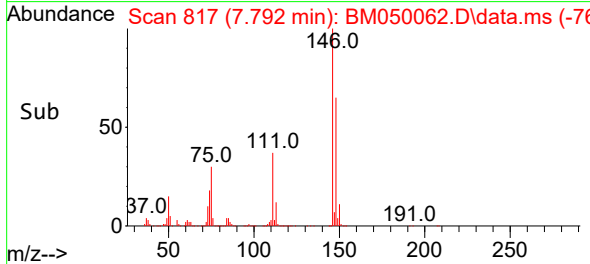
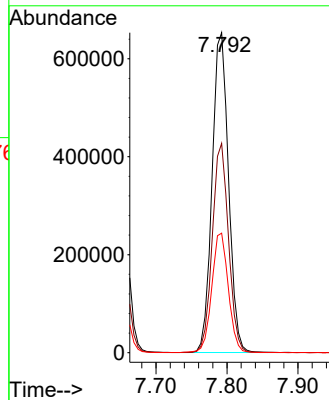
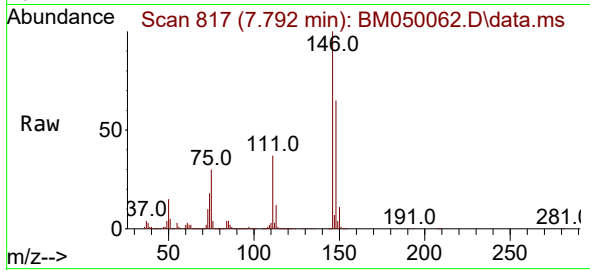




#13
1,4-Dichlorobenzene
Concen: 42.473 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

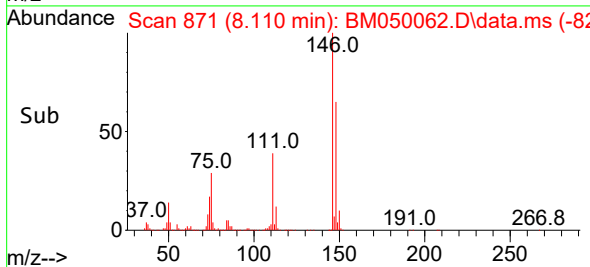
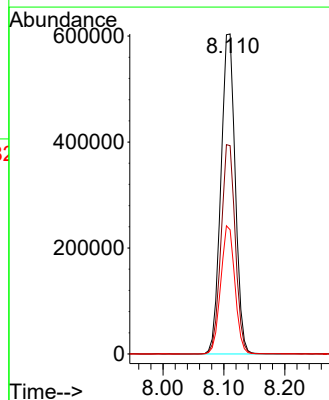
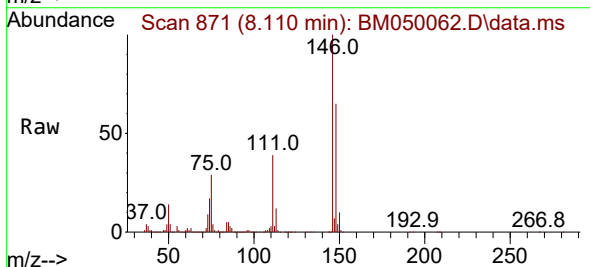
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

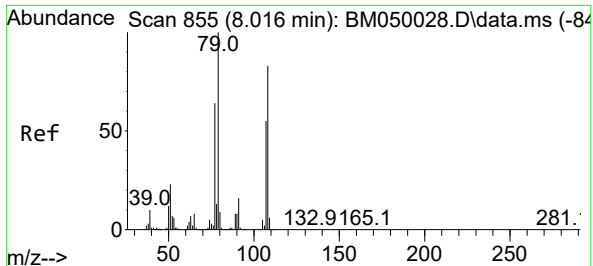
Tgt Ion:146 Resp: 1048234
Ion Ratio Lower Upper
146 100
148 65.4 52.2 78.2
111 37.3 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 41.490 ng
RT: 8.110 min Scan# 871
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:146 Resp: 989132
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 38.8 31.0 46.6

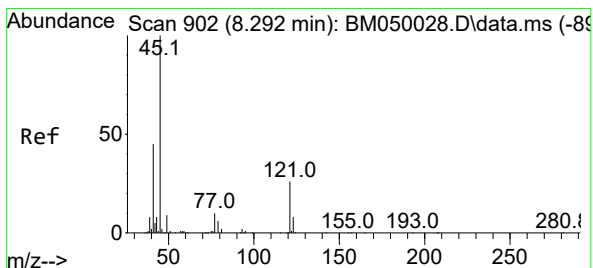
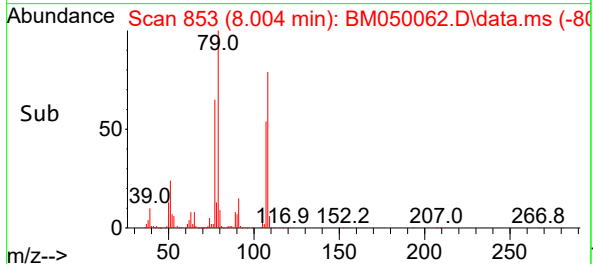
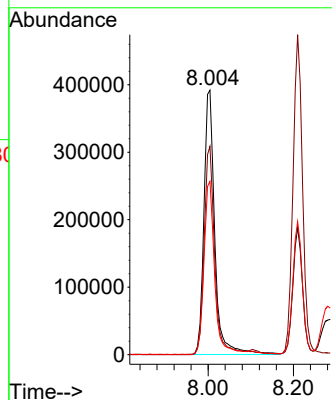
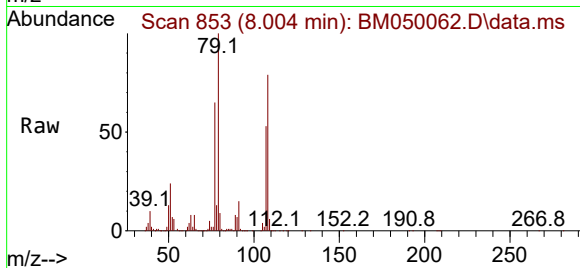




#15
Benzyl Alcohol
Concen: 42.242 ng
RT: 8.004 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

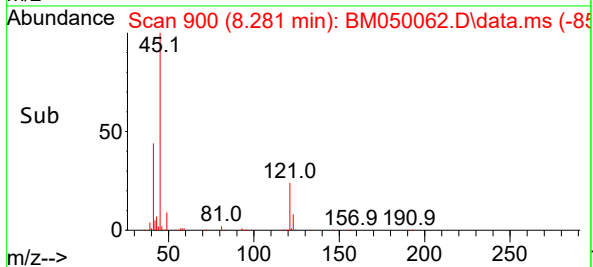
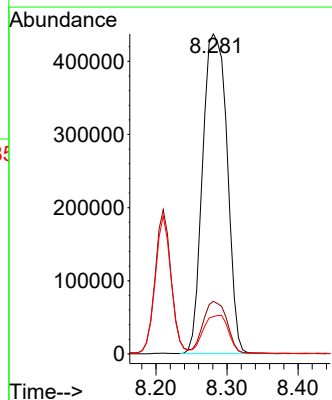
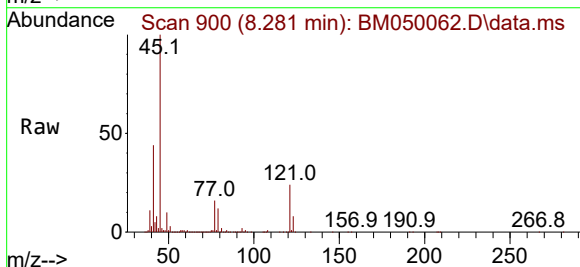
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

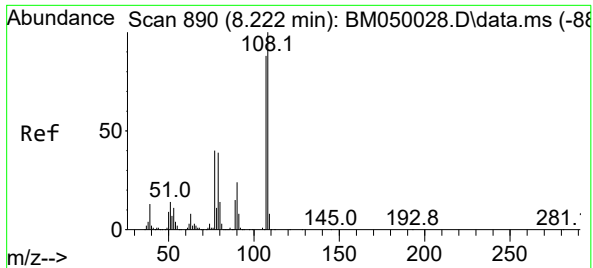
Tgt Ion: 79 Resp: 692547
Ion Ratio Lower Upper
79 100
108 78.8 66.0 99.0
77 65.5 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.052 ng
RT: 8.281 min Scan# 900
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 45 Resp: 1045823
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 11.7 0.0 32.7





#17

2-Methylphenol

Concen: 41.137 ng

RT: 8.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BM050062.D

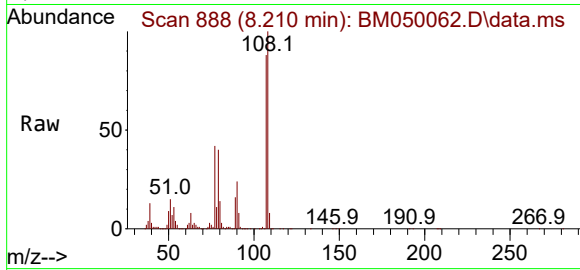
Acq: 01 May 2025 13:25

Instrument :

BNA_M

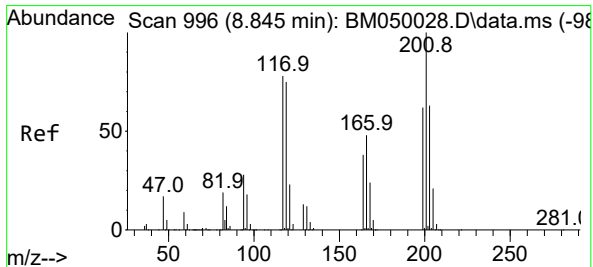
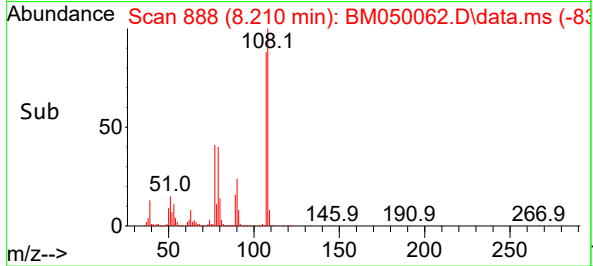
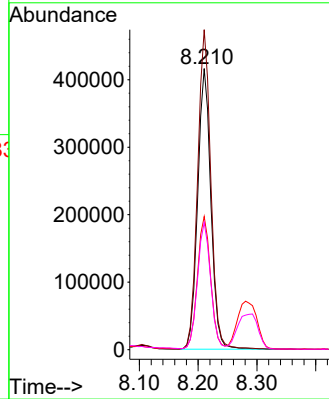
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 648585

Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	47.4	36.2	54.4
79	45.2	35.8	53.8



#18

Hexachloroethane

Concen: 43.117 ng

RT: 8.828 min Scan# 993

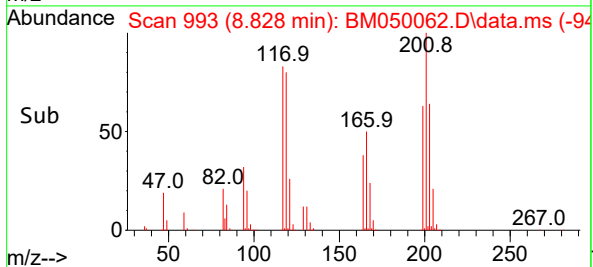
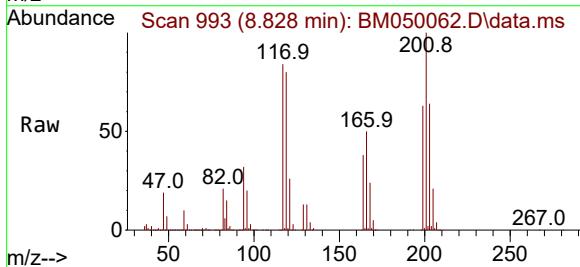
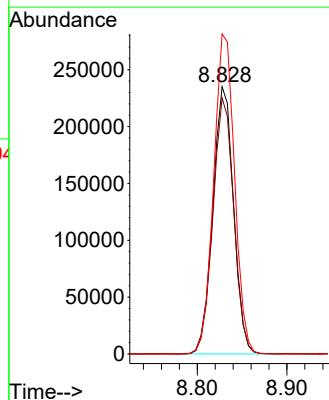
Delta R.T. -0.018 min

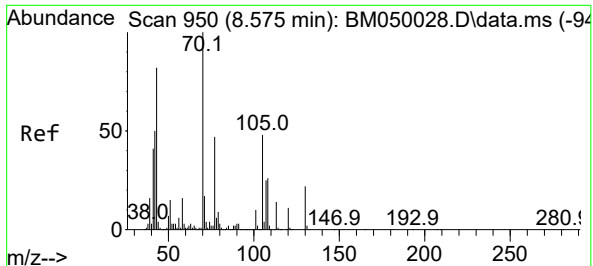
Lab File: BM050062.D

Acq: 01 May 2025 13:25

Tgt Ion:117 Resp: 378276

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
201	119.7	102.8	154.2

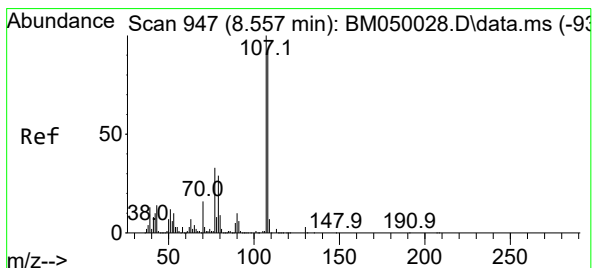
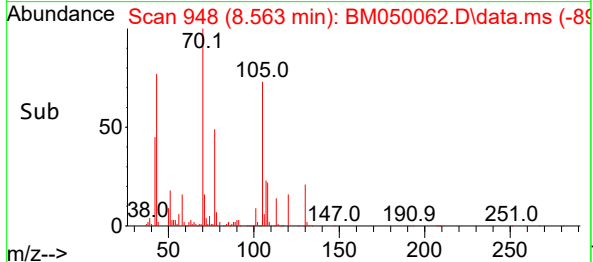
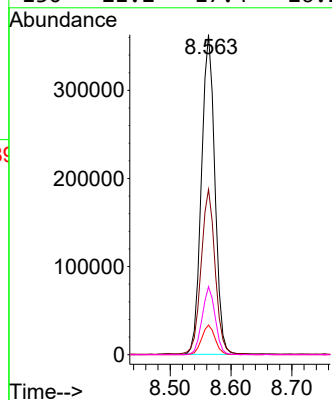
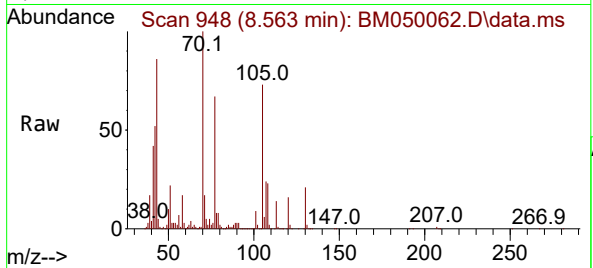




#19
n-Nitroso-di-n-propylamine
Concen: 36.605 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

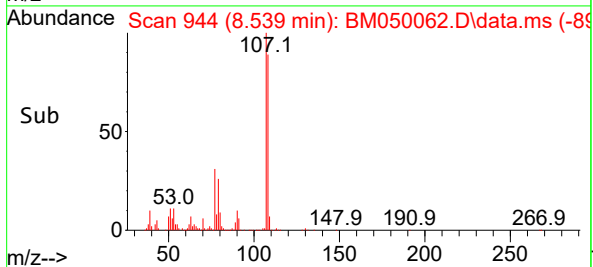
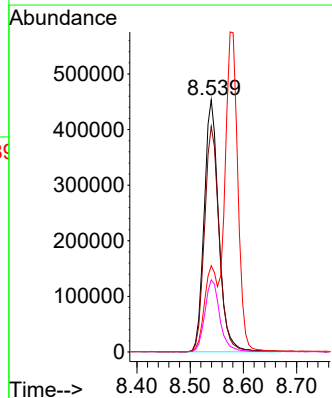
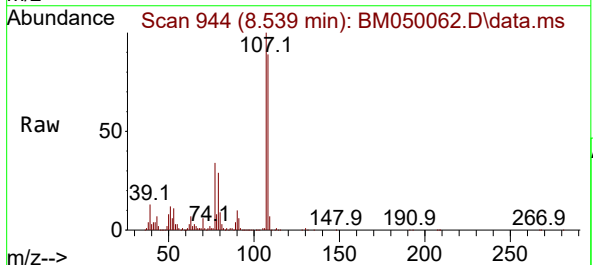
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

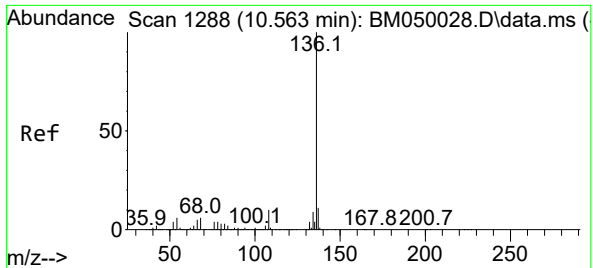
Tgt Ion: 70 Resp: 555015
Ion Ratio Lower Upper
70 100
42 51.6 40.5 60.7
101 9.3 7.8 11.6
130 21.2 17.4 26.2



#20
3+4-Methylphenols
Concen: 40.296 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 107 Resp: 857963
Ion Ratio Lower Upper
107 100
108 89.4 72.4 112.4
77 34.2 13.6 53.6
79 28.6 9.2 49.2

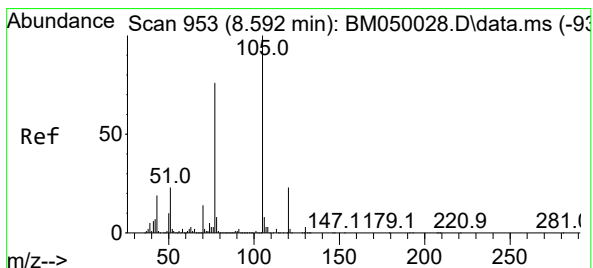
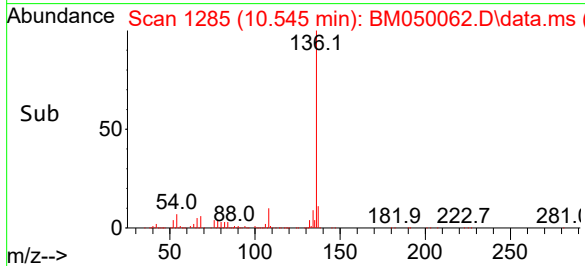
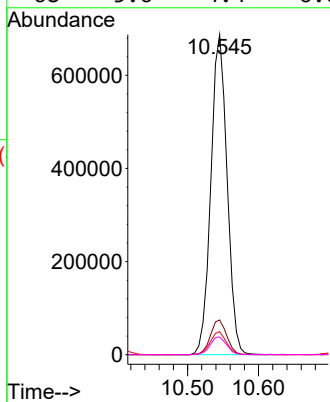
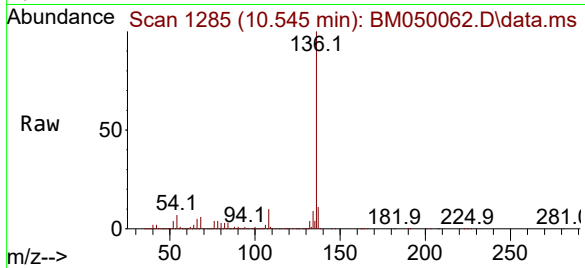




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

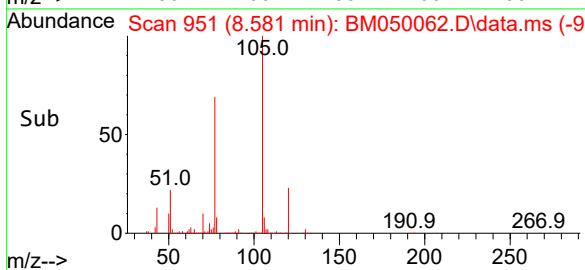
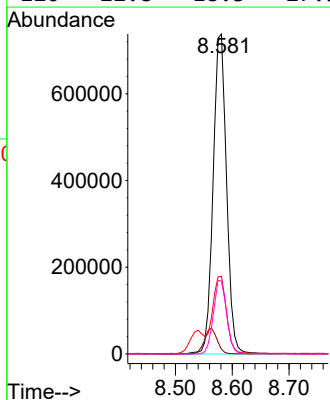
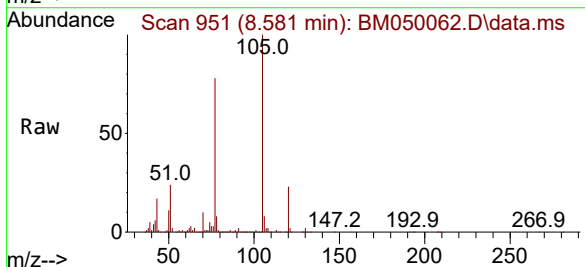
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

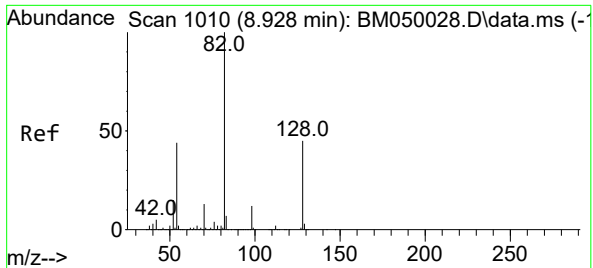
Tgt Ion:136 Resp: 1090203
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.2 5.1 7.7
68 5.6 4.4 6.6



#22
Acetophenone
Concen: 44.635 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:105 Resp: 1209811
Ion Ratio Lower Upper
105 100
71 1.5 1.7 2.5#
51 24.3 18.6 27.8
120 22.8 18.3 27.5

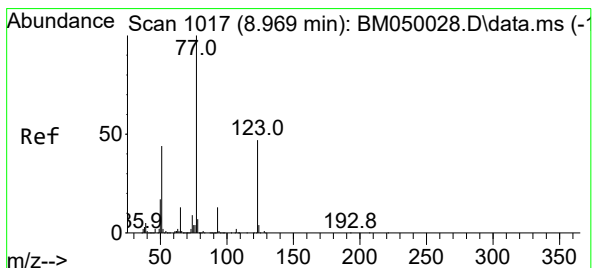
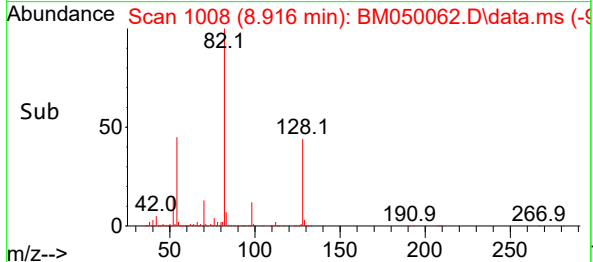
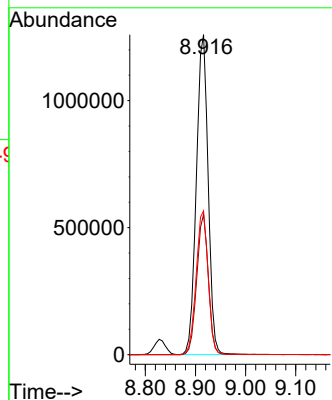
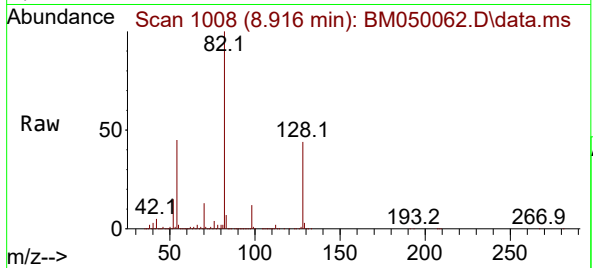




#23
Nitrobenzene-d5
Concen: 92.712 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

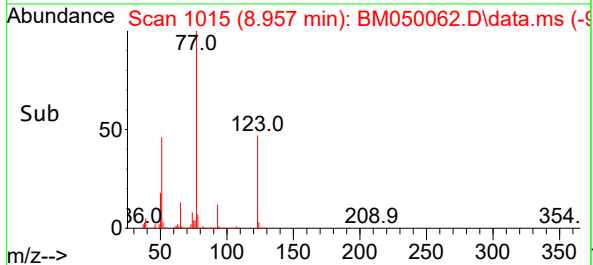
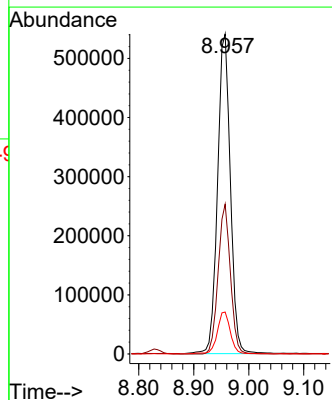
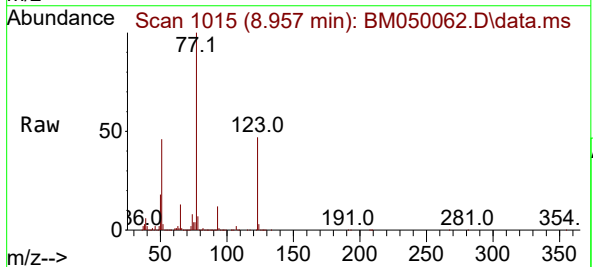
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

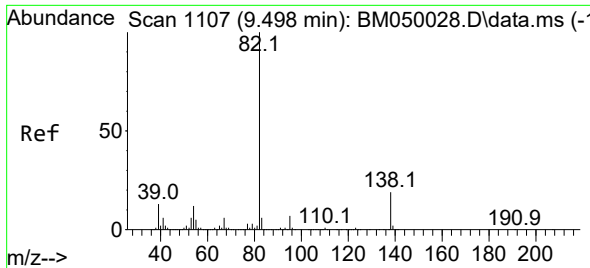
Tgt Ion: 82 Resp: 2051183
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 45.0 35.4 53.2



#24
Nitrobenzene
Concen: 45.762 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 77 Resp: 875427
Ion Ratio Lower Upper
77 100
123 46.8 37.9 56.9
65 13.1 10.1 15.1

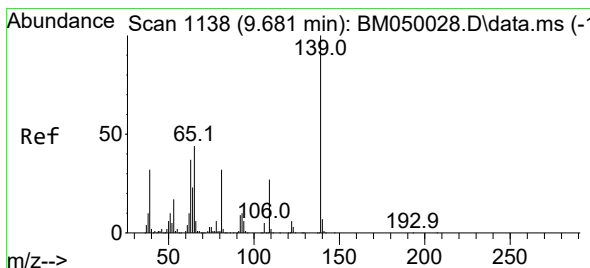
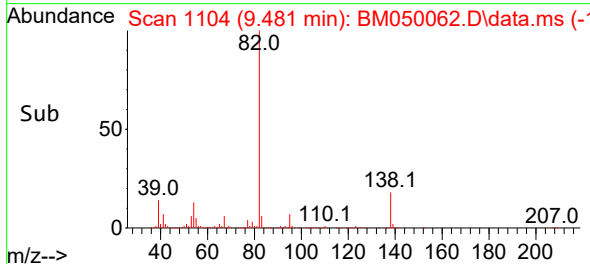
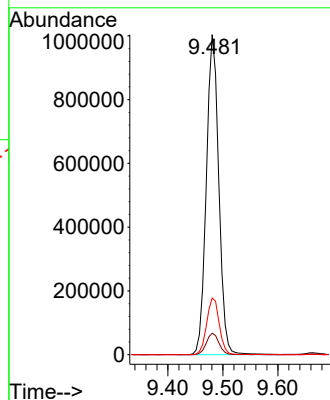
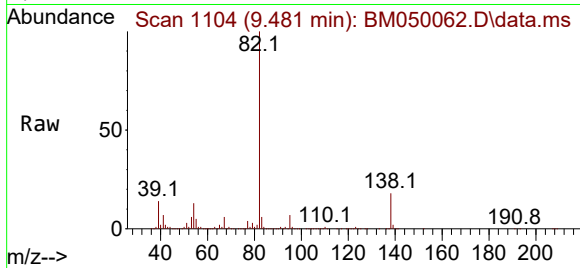




#25
Isophorone
Concen: 41.750 ng
RT: 9.481 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

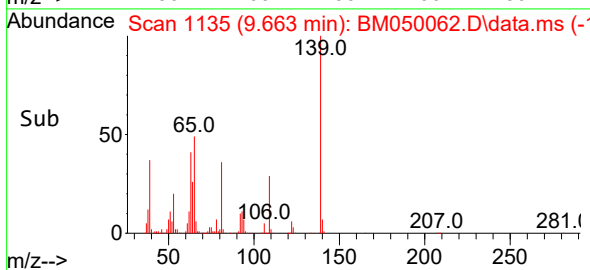
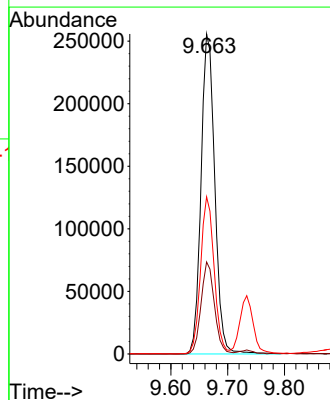
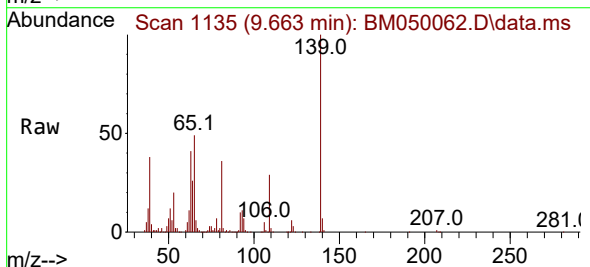
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

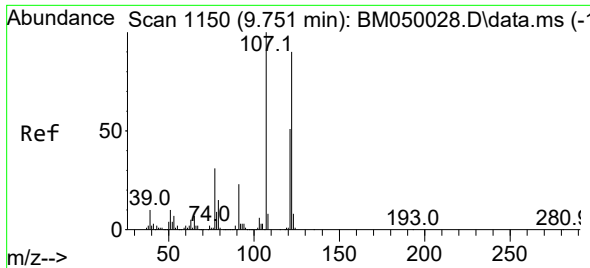
Tgt Ion: 82 Resp: 1574508
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 17.7 15.5 23.3



#26
2-Nitrophenol
Concen: 44.067 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 139 Resp: 430669
Ion Ratio Lower Upper
139 100
109 28.8 21.9 32.9
65 49.1 35.4 53.2

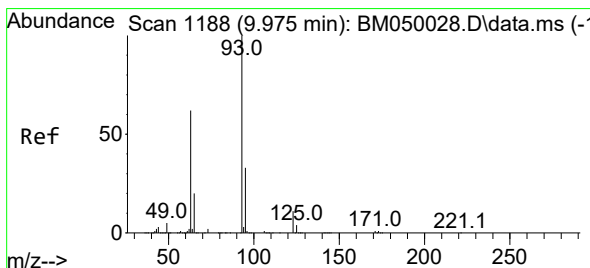
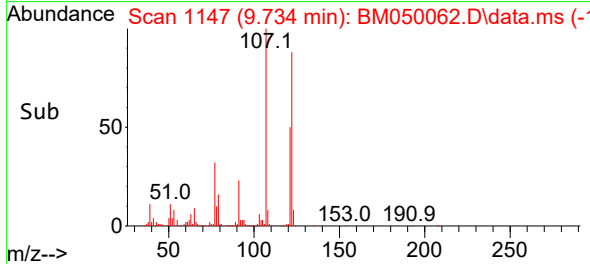
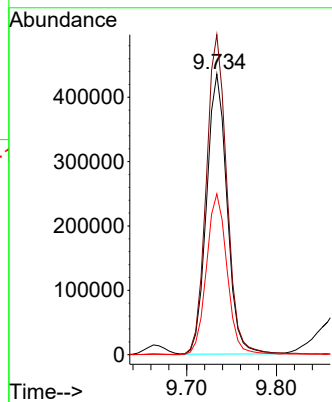
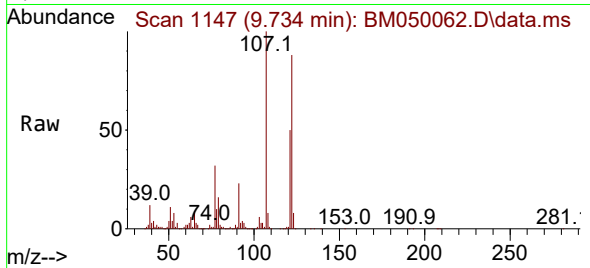




#27
2,4-Dimethylphenol
Concen: 42.668 ng
RT: 9.734 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

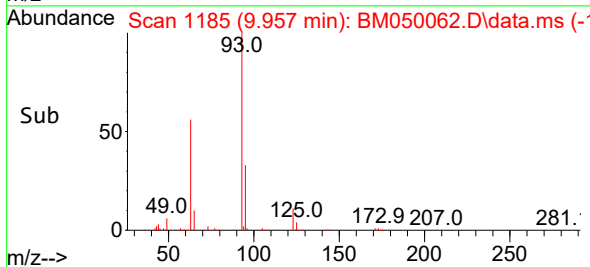
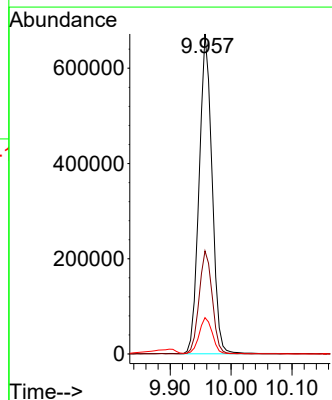
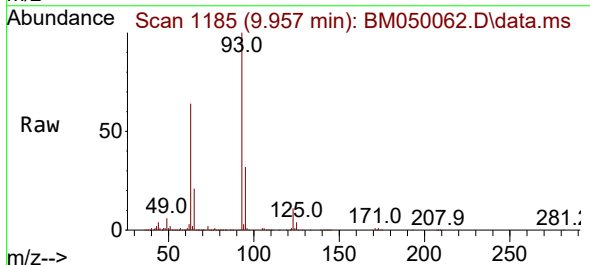
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

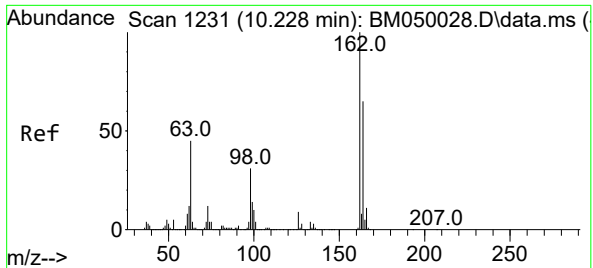
Tgt Ion:122 Resp: 691532
Ion Ratio Lower Upper
122 100
107 114.0 89.0 133.6
121 57.3 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.549 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 93 Resp: 991786
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.706 ng

RT: 10.210 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

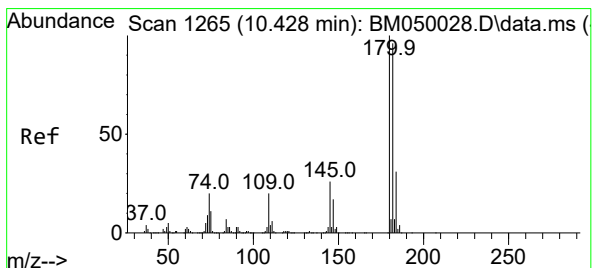
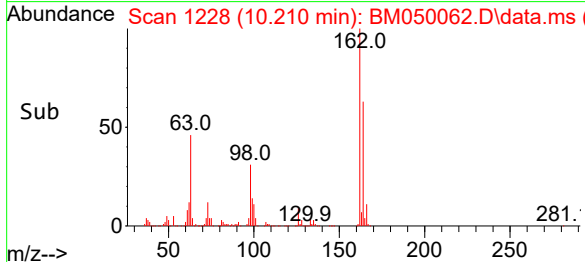
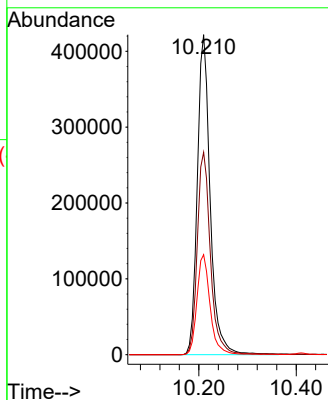
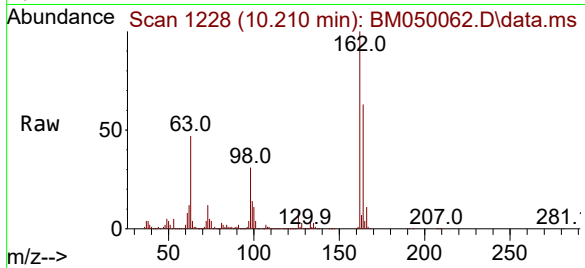
Tgt Ion:162 Resp: 775404

Ion Ratio Lower Upper

162 100

164 63.3 45.4 85.4

98 31.2 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 42.941 ng

RT: 10.410 min Scan# 1262

Delta R.T. -0.018 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

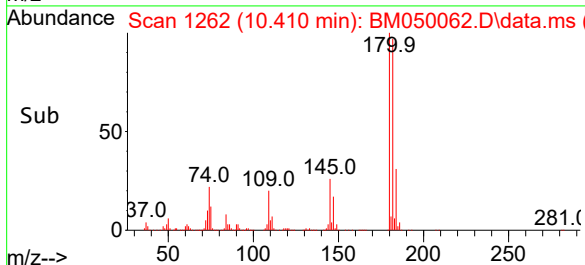
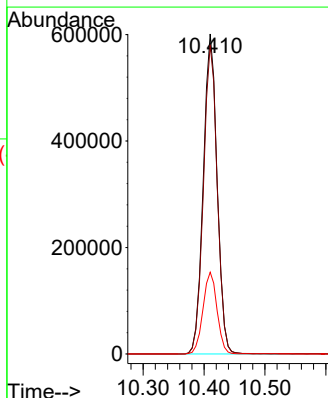
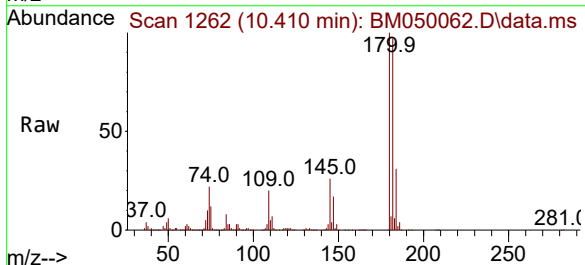
Tgt Ion:180 Resp: 949929

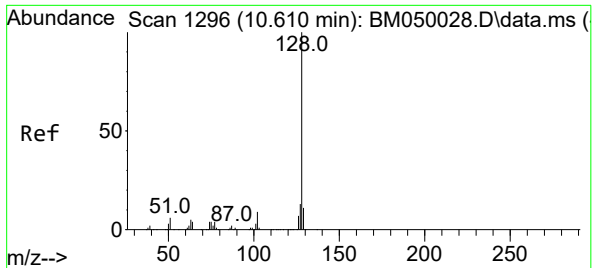
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

145 25.6 20.6 30.8

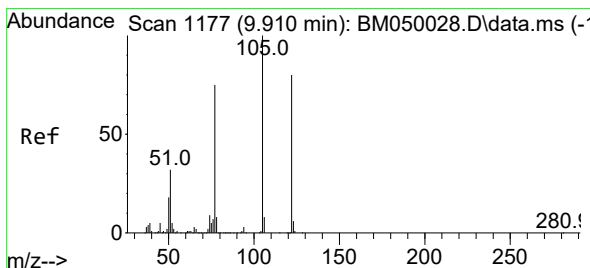
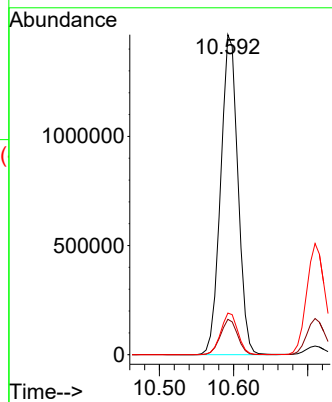
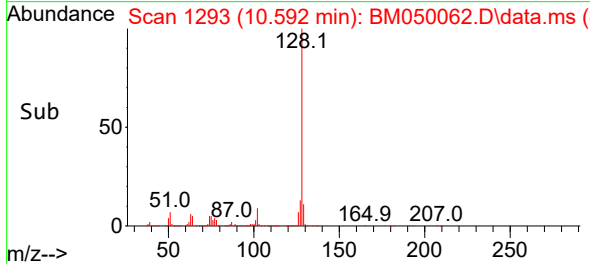
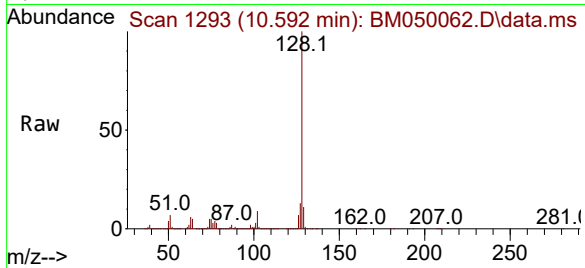




#31
Naphthalene
Concen: 42.897 ng
RT: 10.592 min Scan# 1175
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

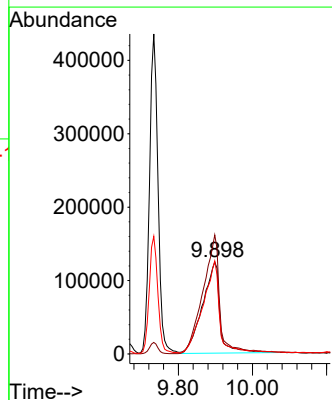
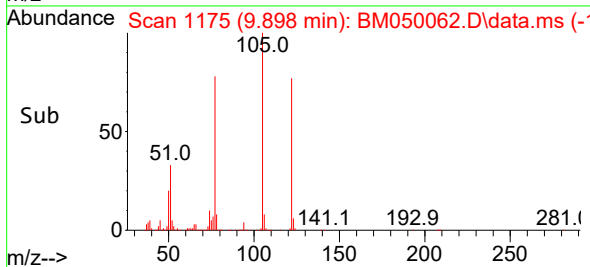
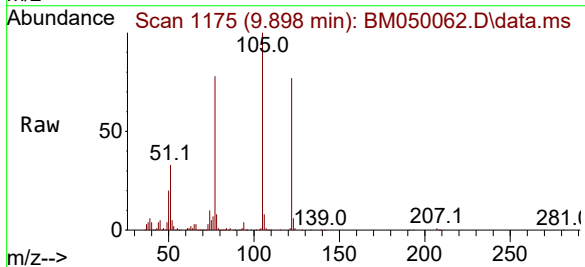
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

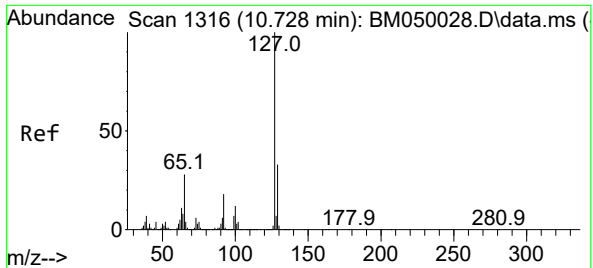
Tgt Ion:128 Resp: 2368369
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 39.188 ng
RT: 9.898 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:122 Resp: 406206
Ion Ratio Lower Upper
122 100
105 129.5 103.6 143.6
77 101.1 73.7 113.7

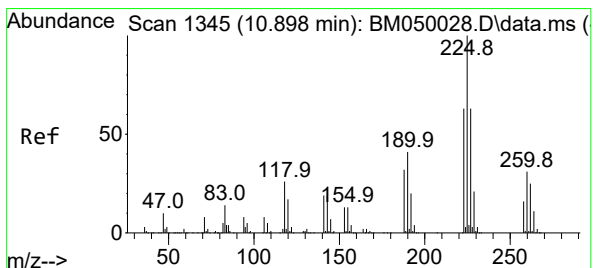
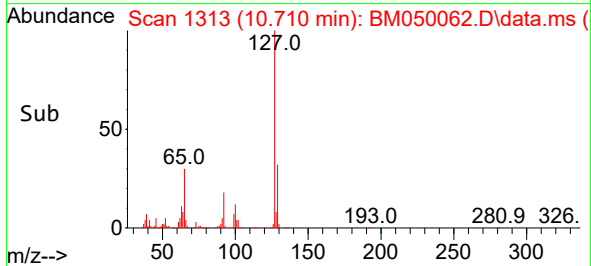
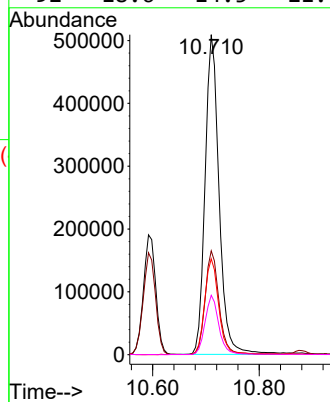
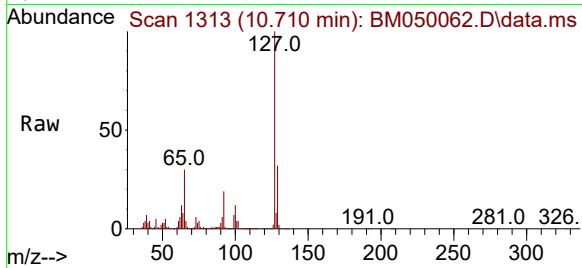




#33
4-Chloroaniline
Concen: 41.048 ng
RT: 10.710 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

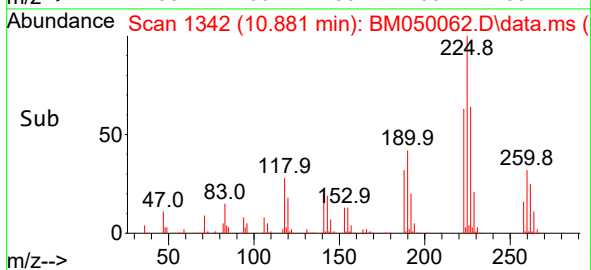
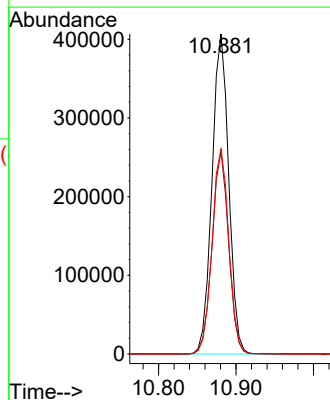
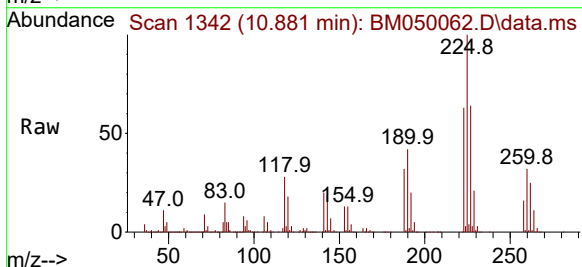
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

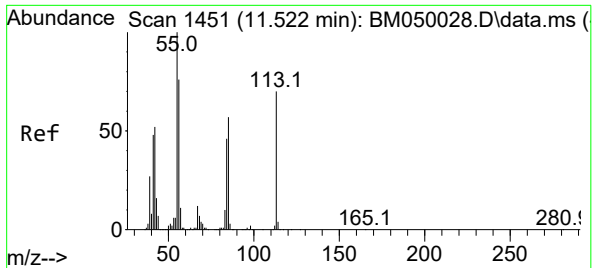
Tgt Ion:127 Resp: 928926
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 29.9 22.5 33.7
92 18.6 14.5 21.7



#34
Hexachlorobutadiene
Concen: 43.347 ng
RT: 10.881 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:225 Resp: 608678
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 64.1 50.6 76.0

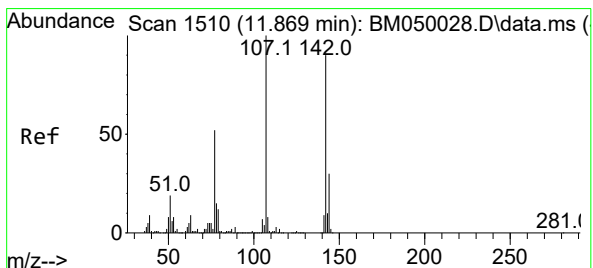
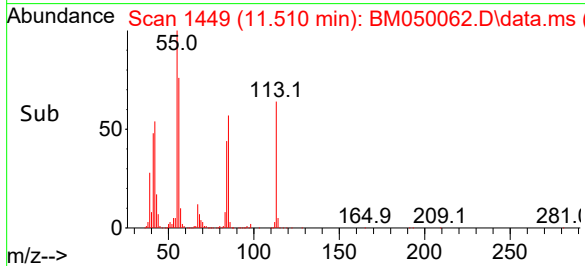
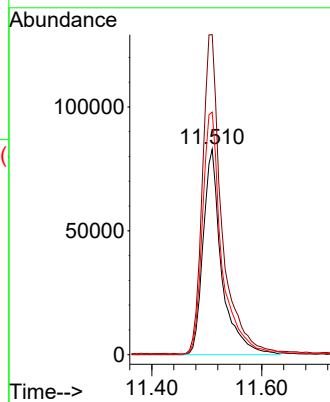
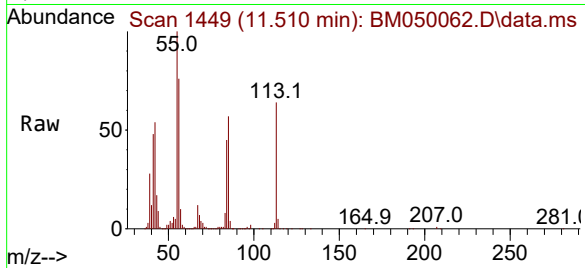




#35
Caprolactam
Concen: 36.708 ng
RT: 11.510 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

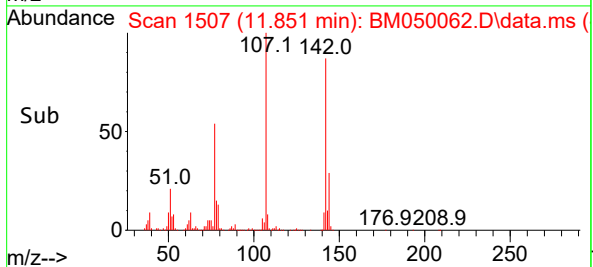
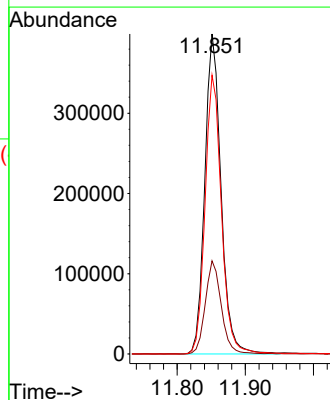
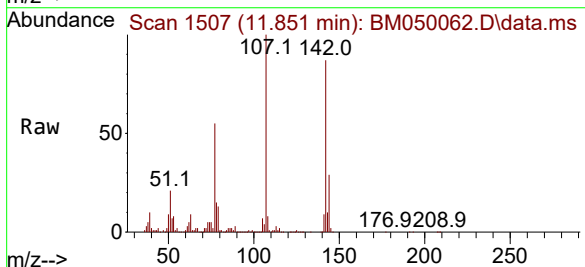
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

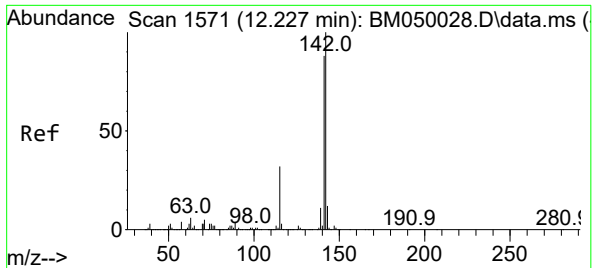
Tgt Ion:113 Resp: 194333
Ion Ratio Lower Upper
113 100
55 155.7 122.9 162.9
56 118.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 39.405 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:107 Resp: 661004
Ion Ratio Lower Upper
107 100
144 29.1 23.8 35.6
142 87.1 71.9 107.9

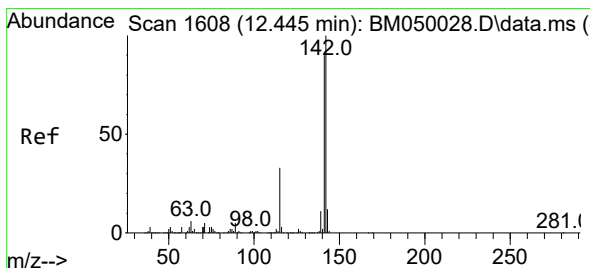
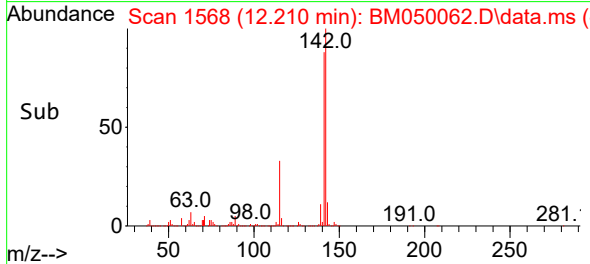
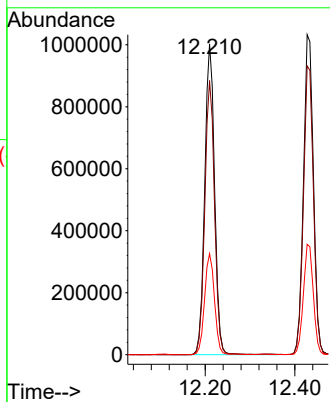
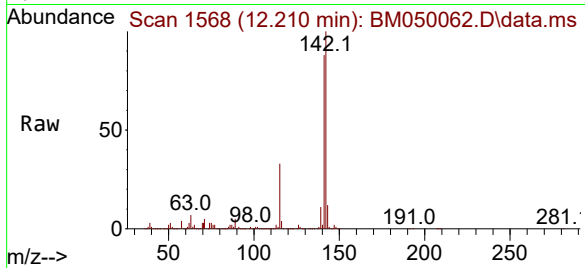




#37
2-Methylnaphthalene
Concen: 41.142 ng
RT: 12.210 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

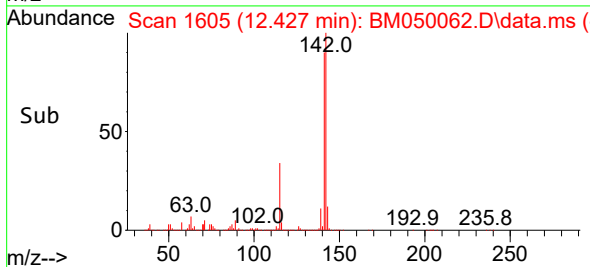
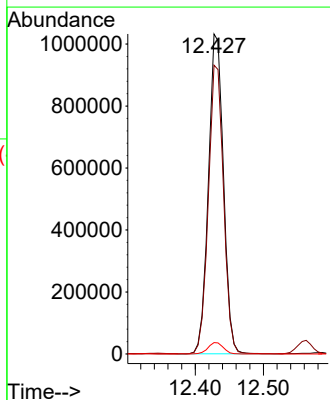
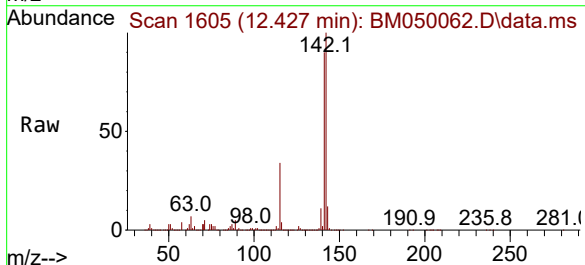
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

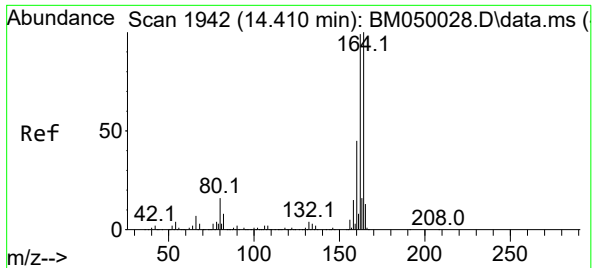
Tgt Ion:142 Resp: 1522915
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 32.5 25.4 38.2



#38
1-Methylnaphthalene
Concen: 40.492 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:142 Resp: 1586181
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1942

Delta R.T. -0.012 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

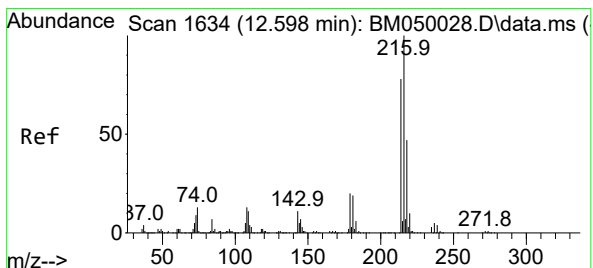
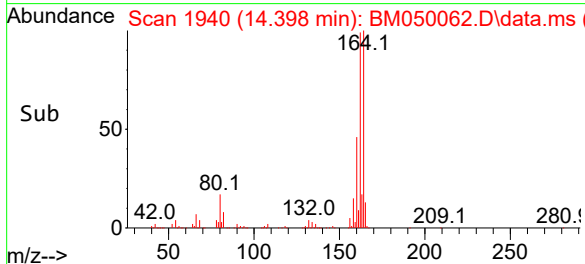
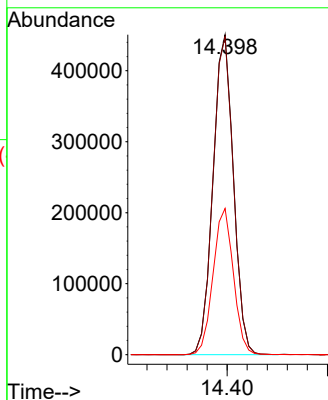
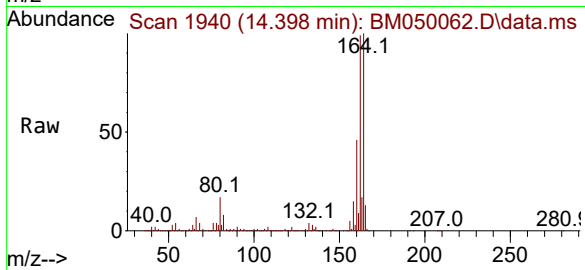
Tgt Ion:164 Resp: 636680

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

160 45.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.936 ng

RT: 12.586 min Scan# 1632

Delta R.T. -0.012 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

Tgt Ion:216 Resp: 1034474

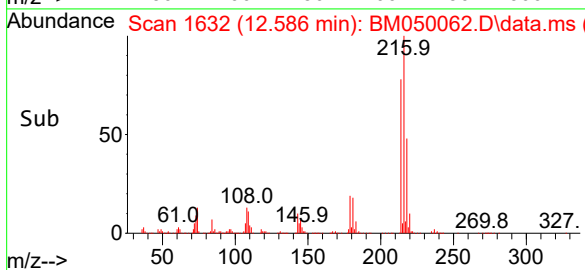
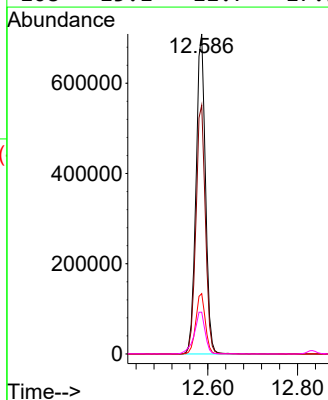
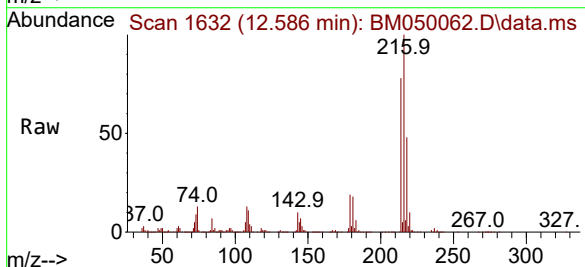
Ion Ratio Lower Upper

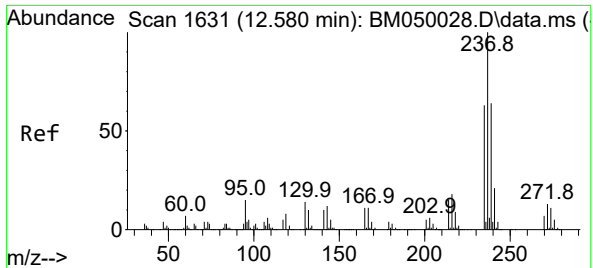
216 100

214 78.2 62.3 93.5

179 19.1 15.4 23.0

108 15.1 11.7 17.5

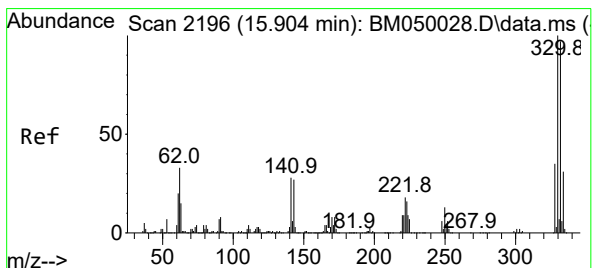
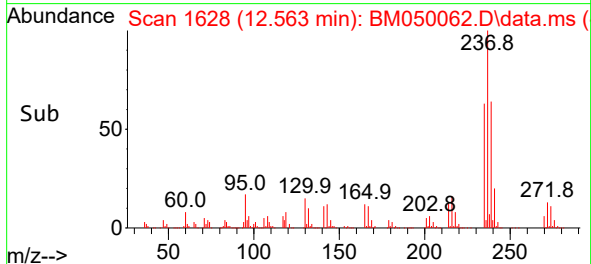
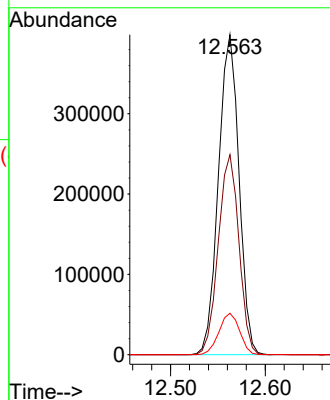
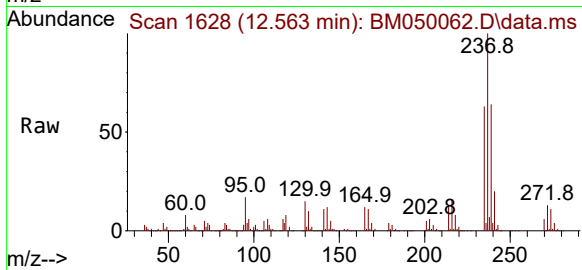




#41
Hexachlorocyclopentadiene
Concen: 44.616 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

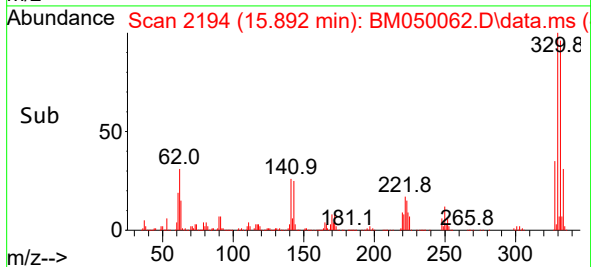
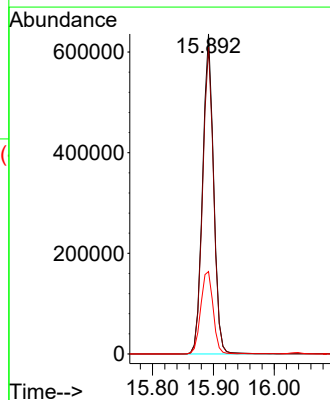
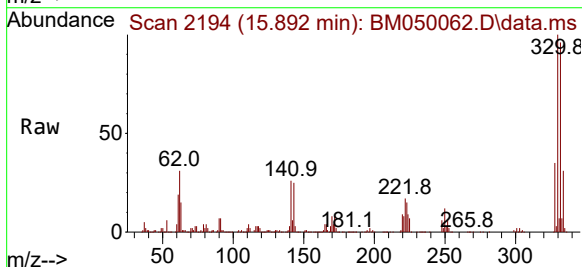
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

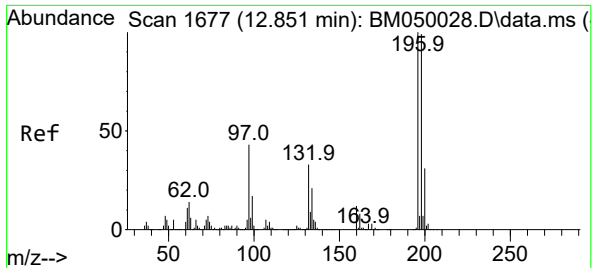
Tgt Ion:237 Resp: 600946
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 84.547 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:330 Resp: 795940
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 29.0 22.5 33.7

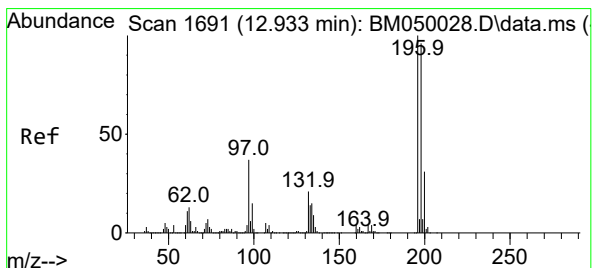
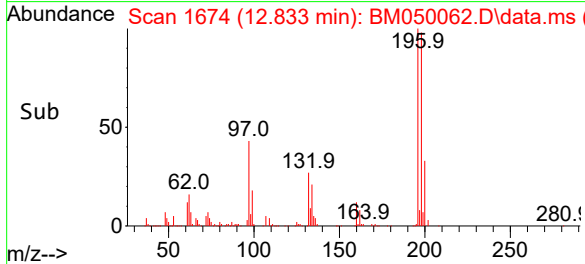
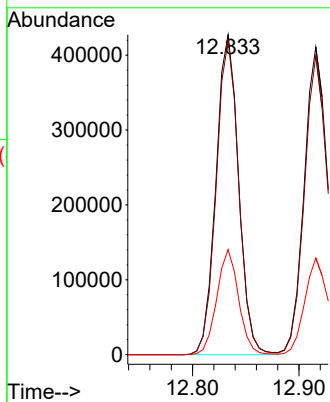
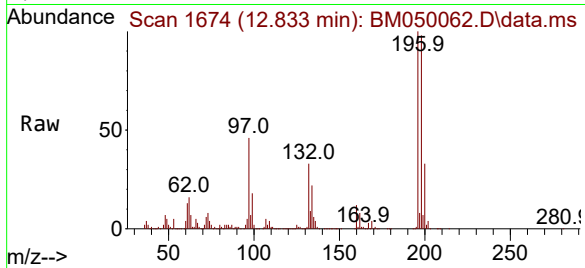




#43
2,4,6-Trichlorophenol
Concen: 45.172 ng
RT: 12.833 min Scan# 1674
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

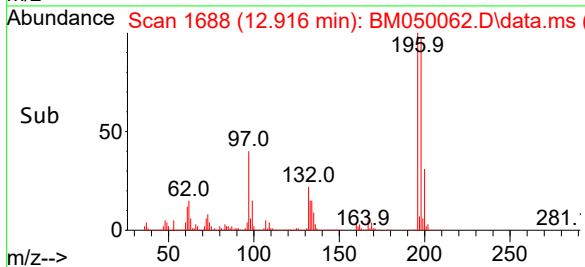
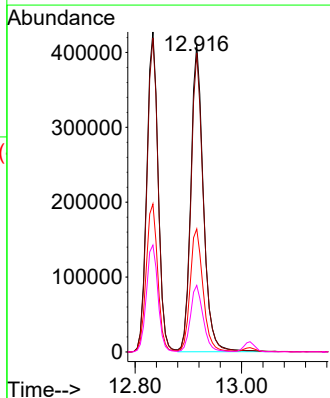
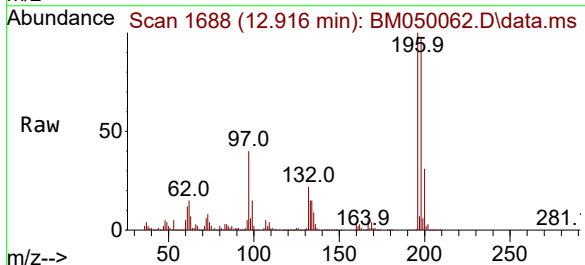
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

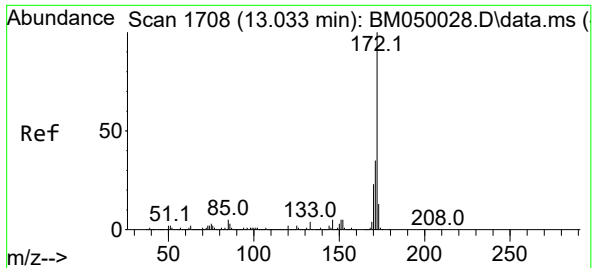
Tgt Ion:196 Resp: 631478
Ion Ratio Lower Upper
196 100
198 98.2 79.0 118.6
200 32.9 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 44.577 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:196 Resp: 671975
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 40.0 30.1 45.1
132 21.6 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 94.461 ng

RT: 13.016 min Scan# 1705

Delta R.T. -0.018 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

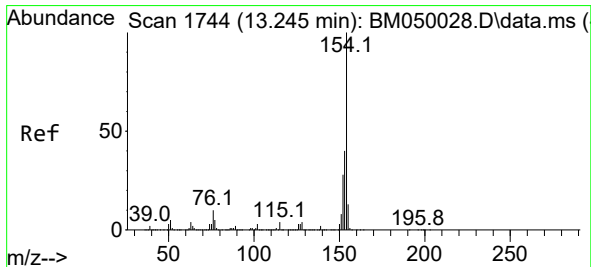
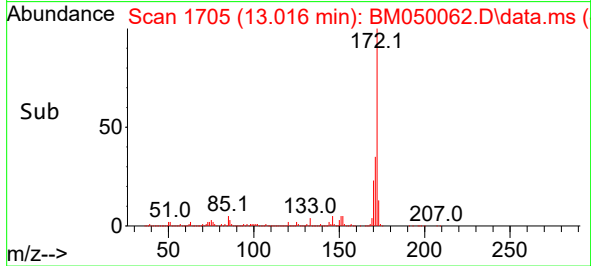
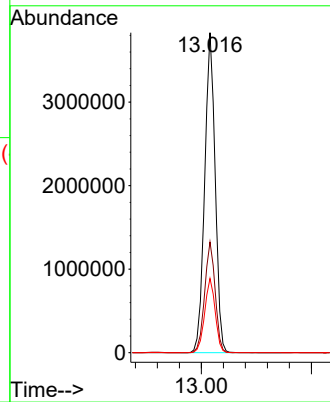
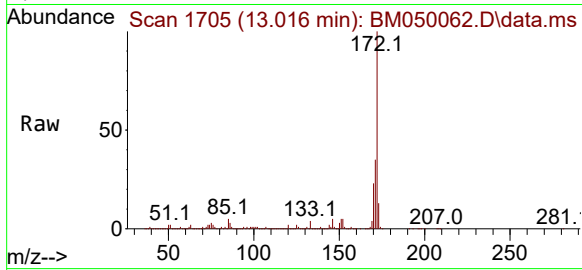
Tgt Ion:172 Resp: 5083891

Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.2 18.6 28.0



#46

1,1'-Biphenyl

Concen: 45.044 ng

RT: 13.227 min Scan# 1741

Delta R.T. -0.018 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

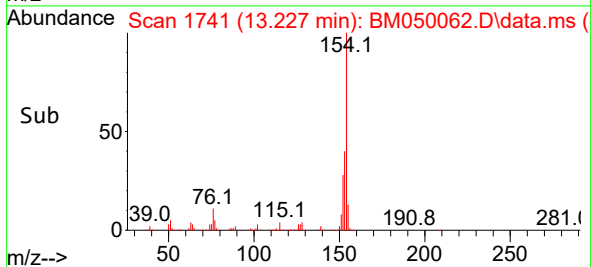
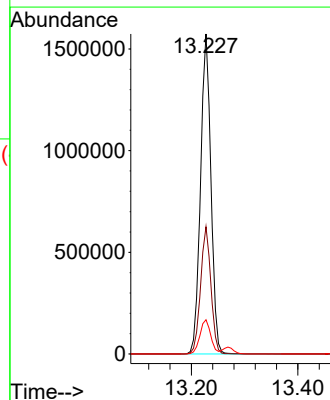
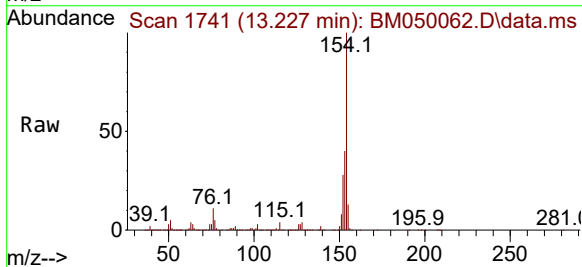
Tgt Ion:154 Resp: 2131816

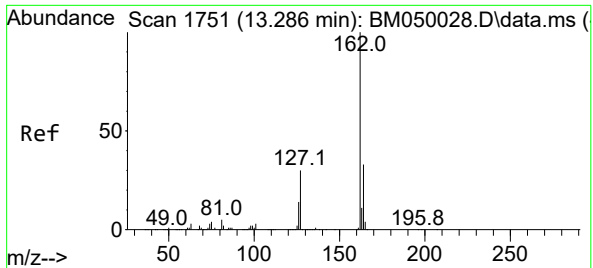
Ion Ratio Lower Upper

154 100

153 39.7 20.0 60.0

76 10.7 0.0 30.3

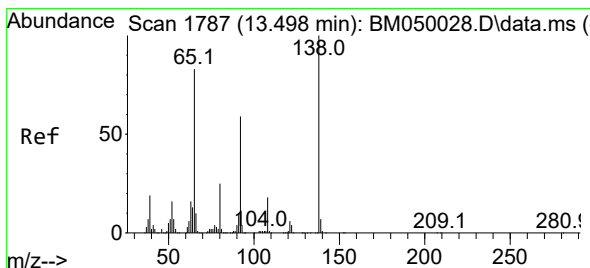
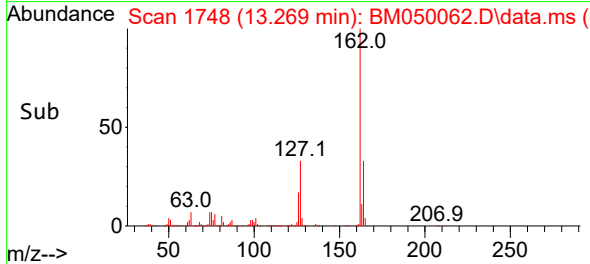
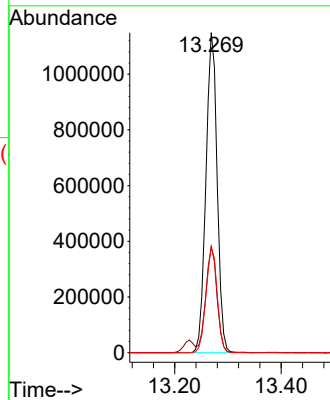
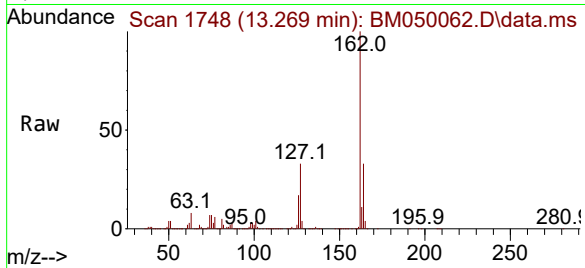




#47
2-Chloronaphthalene
Concen: 44.927 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

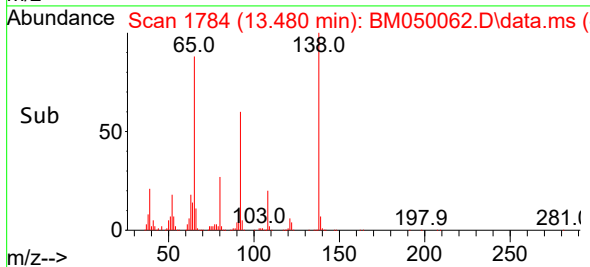
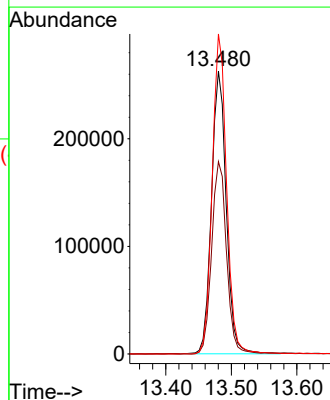
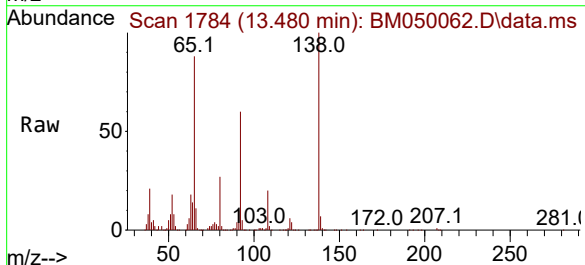
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

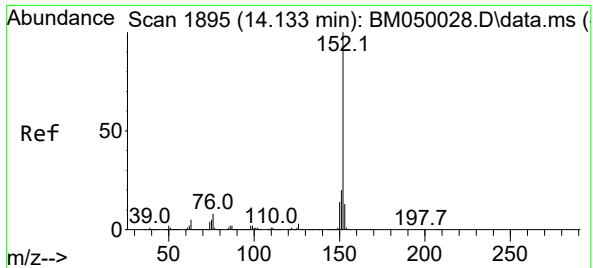
Tgt Ion:162 Resp: 1684006
Ion Ratio Lower Upper
162 100
127 33.1 25.9 38.9
164 33.1 26.6 40.0



#48
2-Nitroaniline
Concen: 46.607 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 65 Resp: 410017
Ion Ratio Lower Upper
65 100
92 68.0 57.1 85.7
138 113.1 97.0 145.4

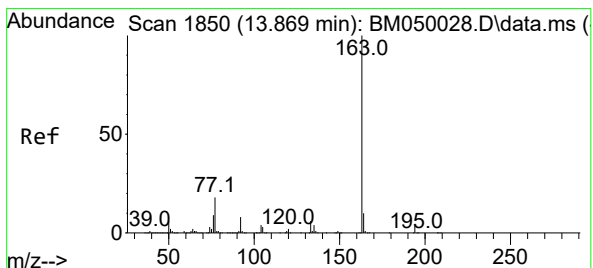
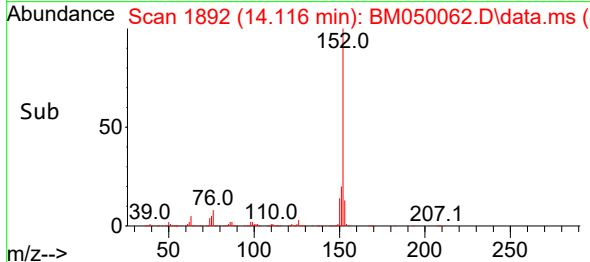
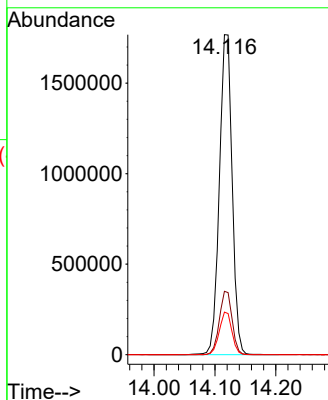
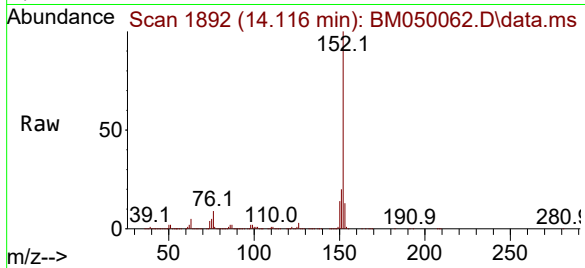




#49
Acenaphthylene
Concen: 43.552 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

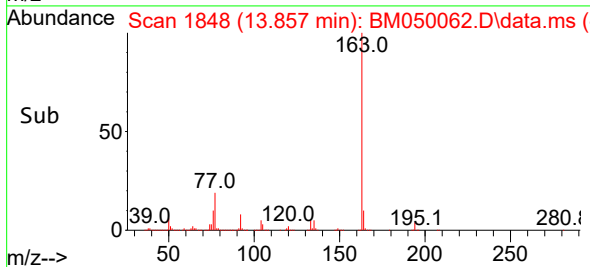
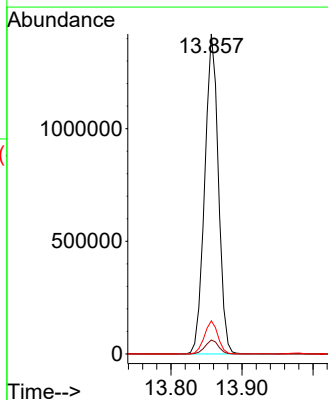
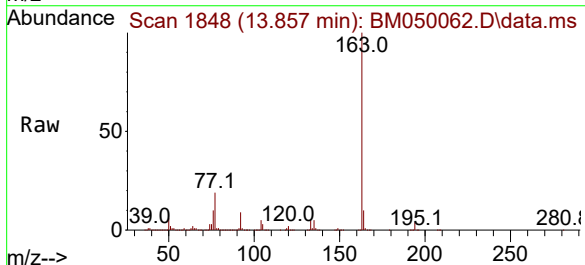
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

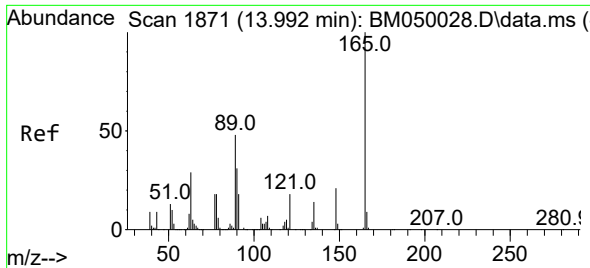
Tgt Ion:152 Resp: 2573916
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 40.885 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:163 Resp: 1902354
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 8.2 12.2

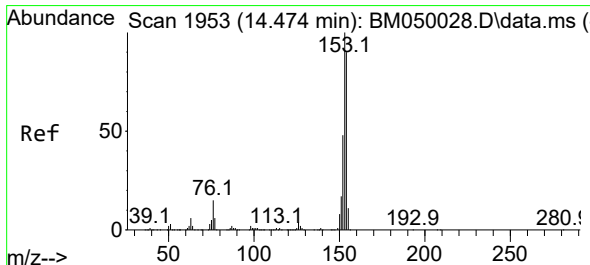
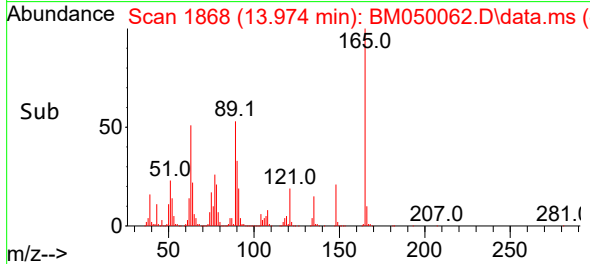
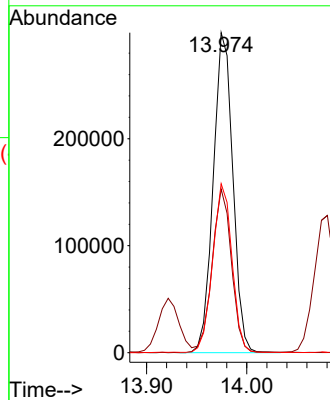
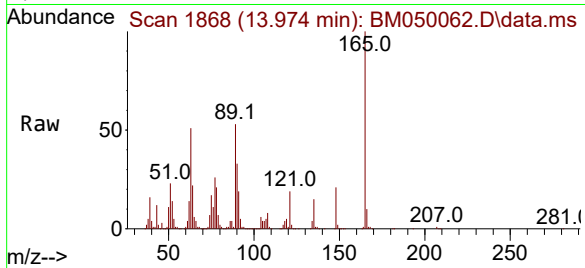




#51
2,6-Dinitrotoluene
Concen: 42.111 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

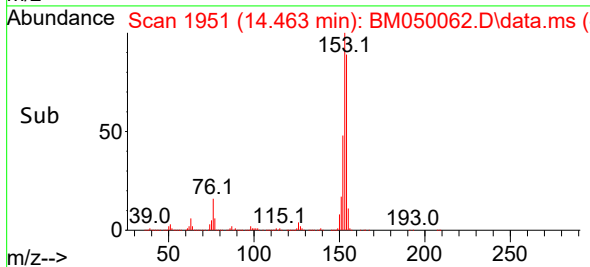
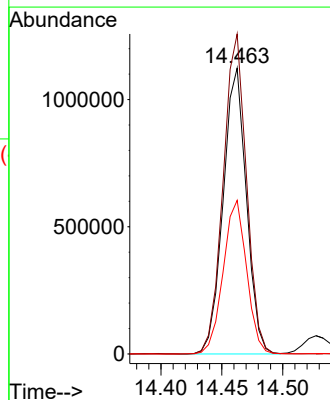
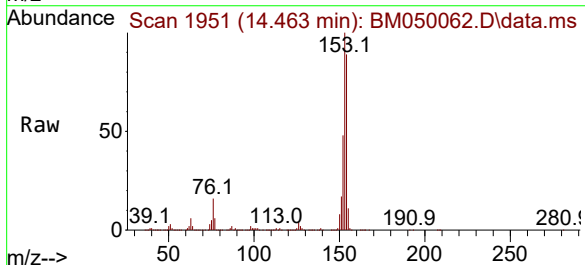
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

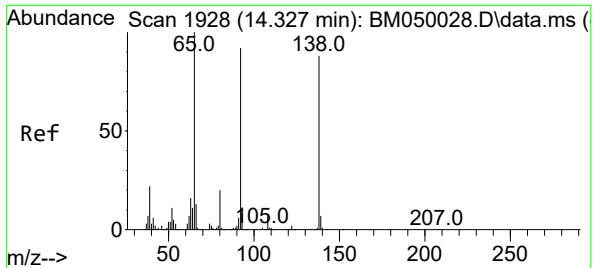
Tgt Ion:165 Resp: 405683
Ion Ratio Lower Upper
165 100
63 51.1 35.1 52.7
89 52.8 38.4 57.6



#52
Acenaphthene
Concen: 43.665 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:154 Resp: 1493734
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.4
152 53.7 43.0 64.6

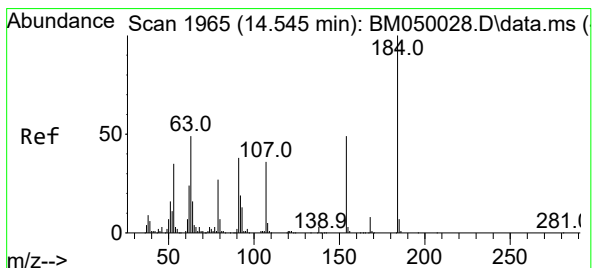
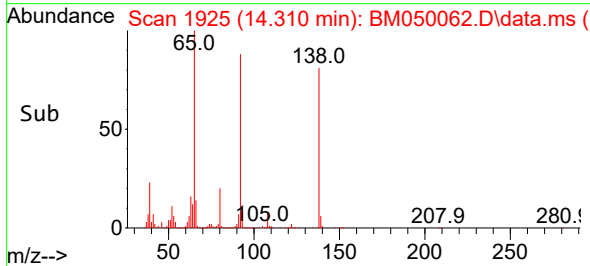
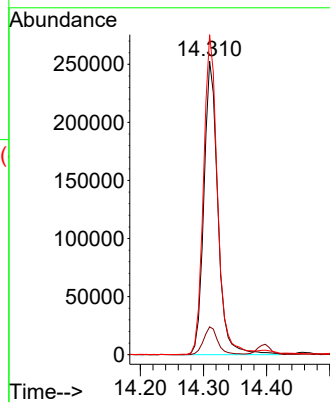
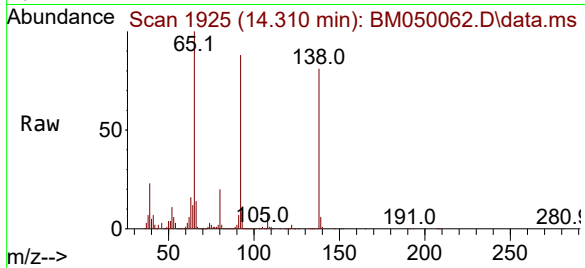




#53
3-Nitroaniline
Concen: 42.458 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

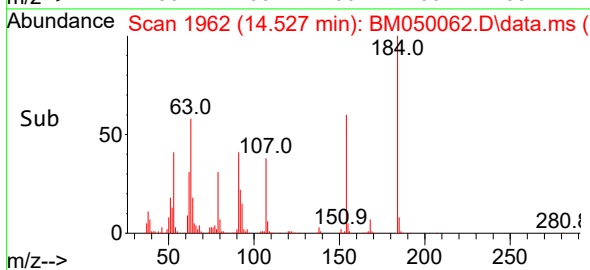
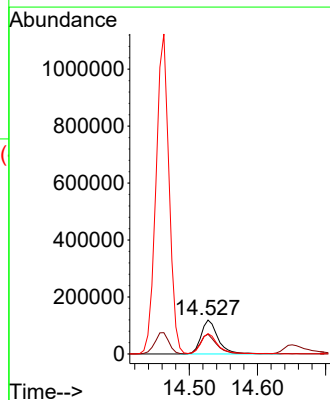
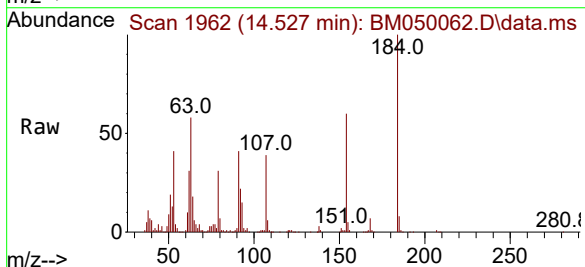
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

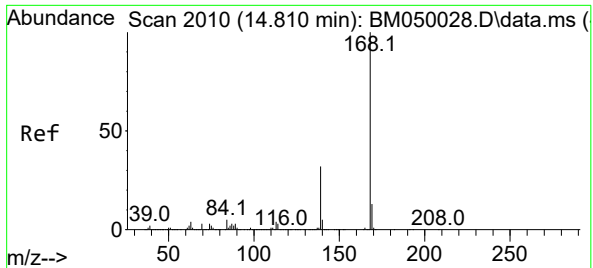
Tgt Ion:138 Resp: 390509
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 109.0 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 36.611 ng
RT: 14.527 min Scan# 1962
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:184 Resp: 205027
Ion Ratio Lower Upper
184 100
63 58.0 39.8 59.6
154 60.0 46.1 69.1

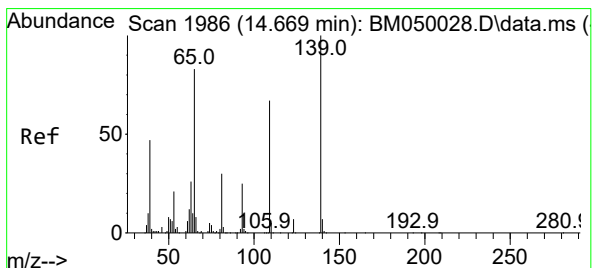
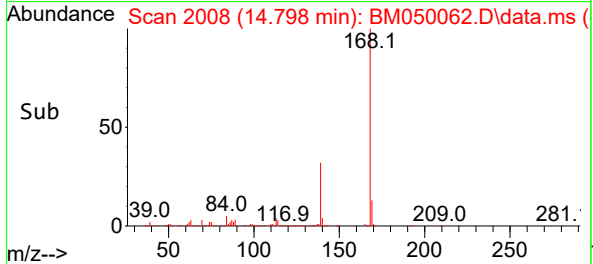
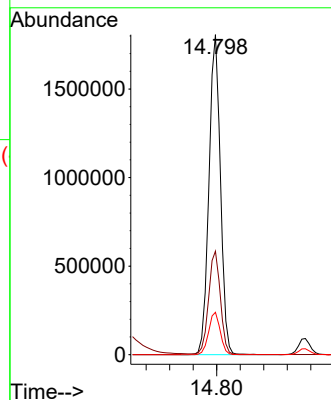
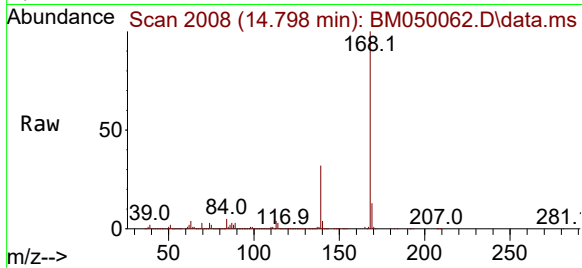




#55
Dibenzenofuran
Concen: 42.931 ng
RT: 14.798 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

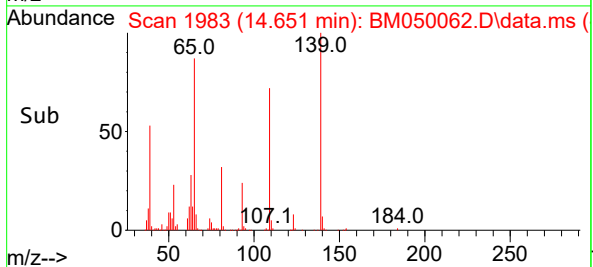
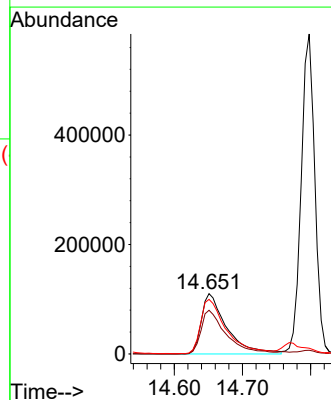
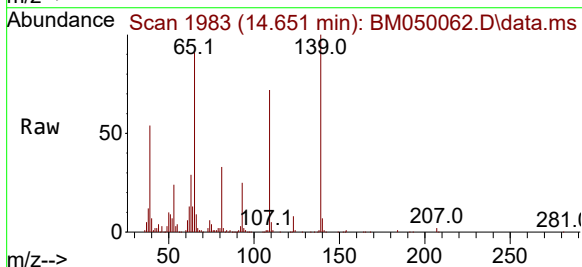
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

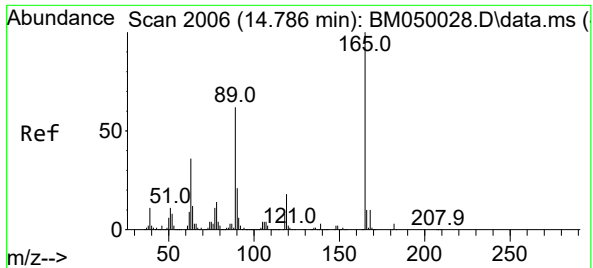
Tgt Ion:168 Resp: 2443491
Ion Ratio Lower Upper
168 100
139 32.4 26.1 39.1
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 40.165 ng
RT: 14.651 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:139 Resp: 282631
Ion Ratio Lower Upper
139 100
109 72.4 47.0 87.0
65 90.6 64.3 104.3

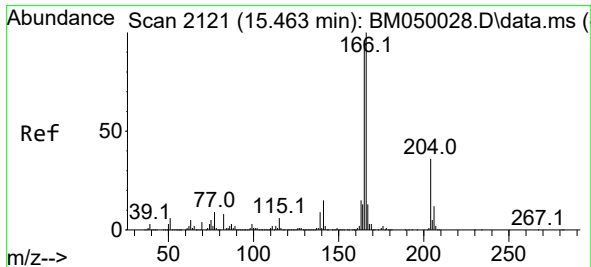
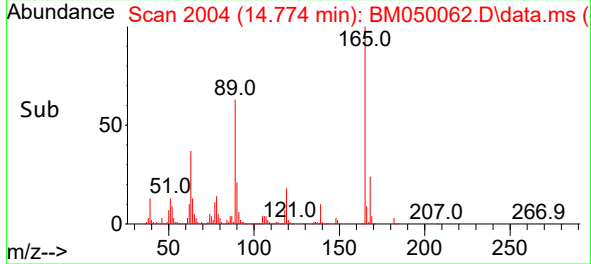
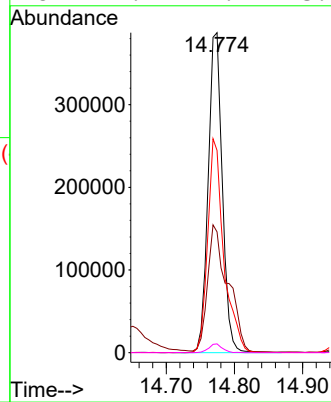
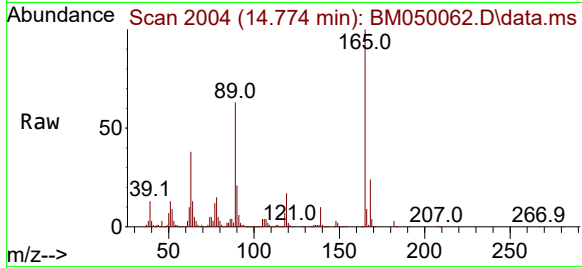




#57
2,4-Dinitrotoluene
Concen: 41.948 ng
RT: 14.774 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

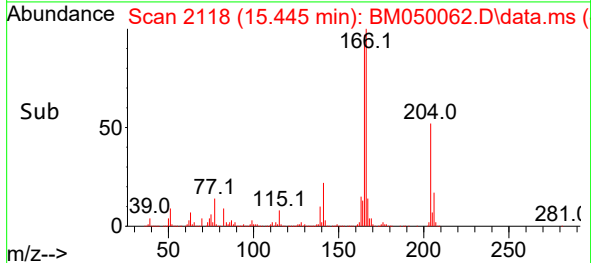
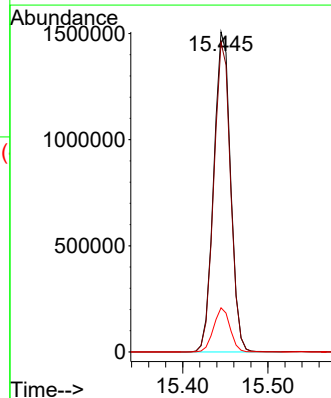
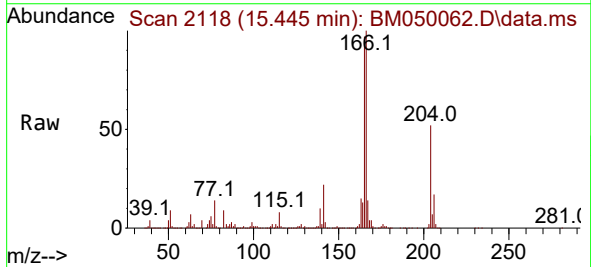
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

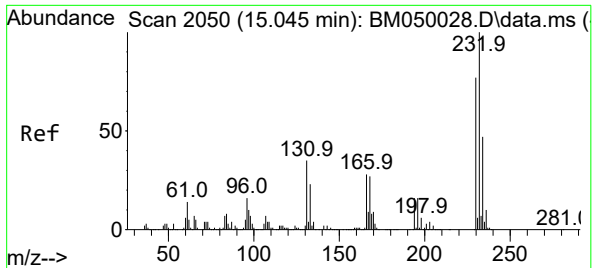
Tgt Ion:165 Resp: 558403
Ion Ratio Lower Upper
165 100
63 37.7 29.0 43.6
89 63.2 49.4 74.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 44.327 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:166 Resp: 2065086
Ion Ratio Lower Upper
166 100
165 96.8 76.6 115.0
167 13.8 10.6 16.0

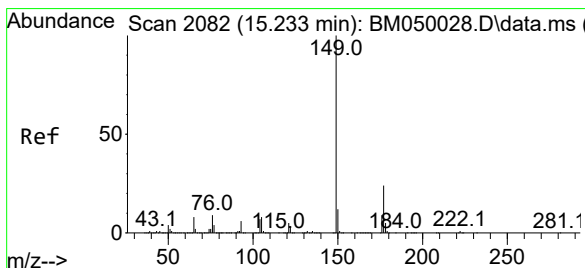
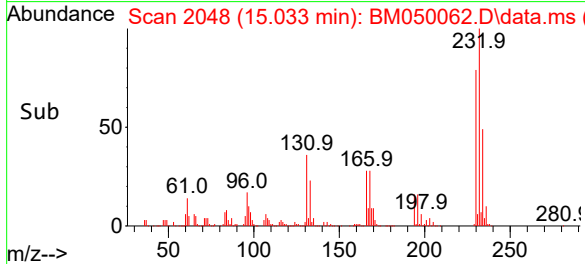
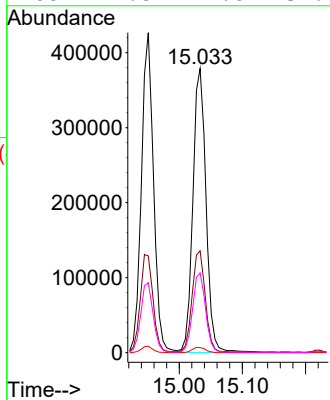
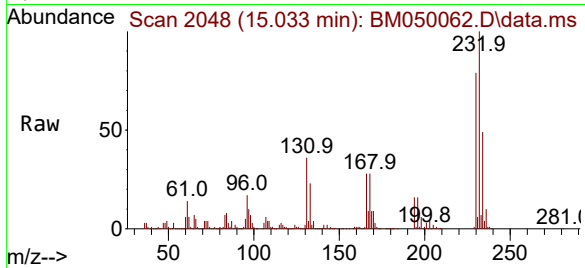




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.828 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

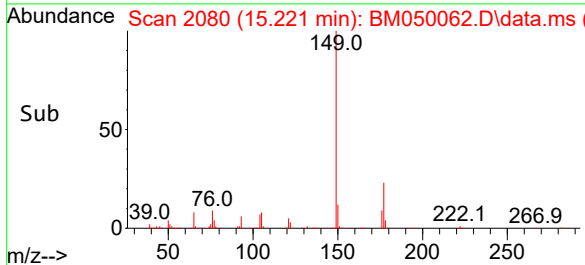
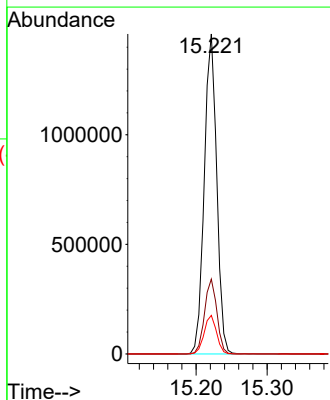
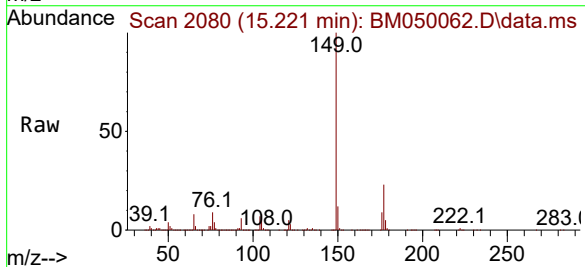
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

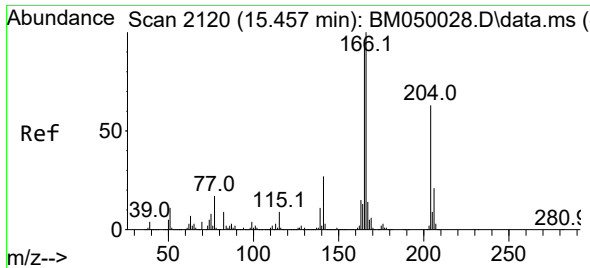
Tgt Ion:232 Resp: 545793
Ion Ratio Lower Upper
232 100
131 36.4 28.2 42.4
130 1.9 1.5 2.3
166 27.8 22.6 34.0



#60
Diethylphthalate
Concen: 40.589 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1779559
Ion Ratio Lower Upper
149 100
177 23.4 19.1 28.7
150 12.1 9.6 14.4

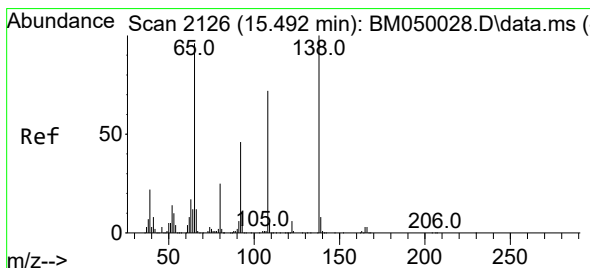
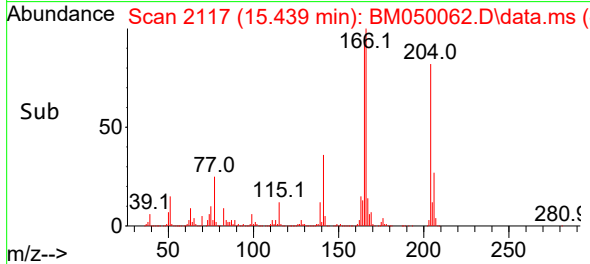
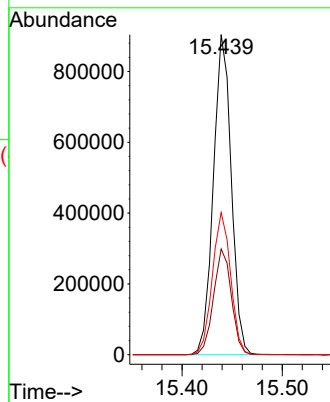
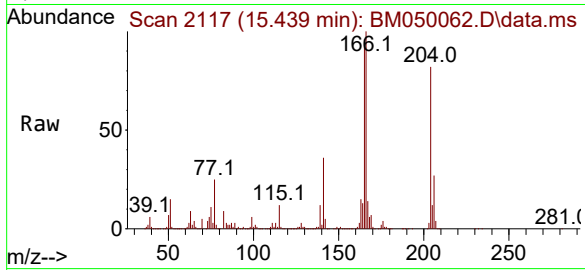




#61
4-Chlorophenyl-phenylether
Concen: 43.832 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

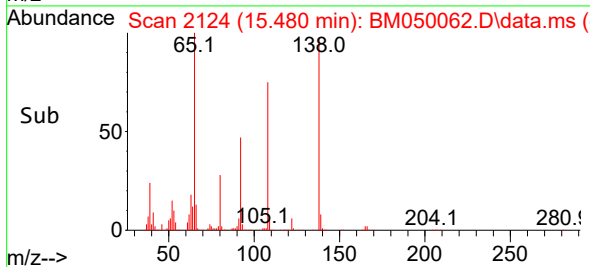
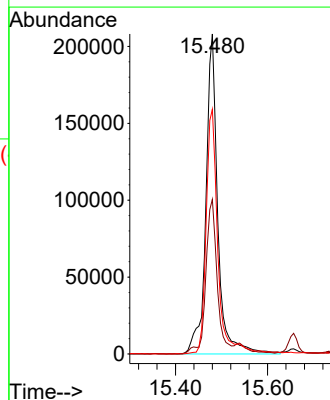
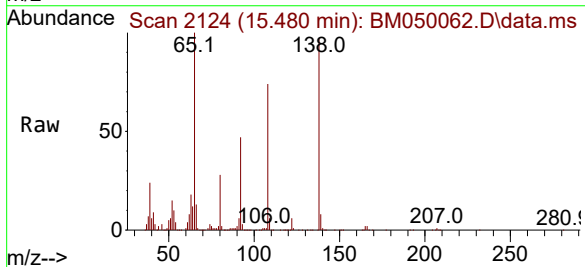
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

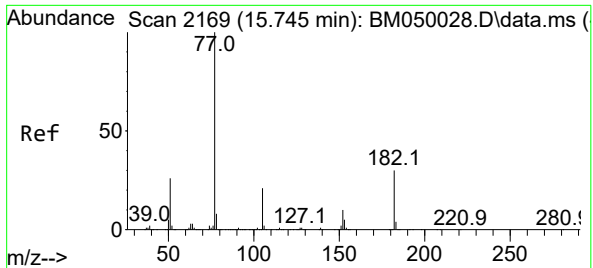
Tgt Ion:204 Resp: 1121604
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 44.4 34.0 51.0



#62
4-Nitroaniline
Concen: 42.437 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:138 Resp: 376575
Ion Ratio Lower Upper
138 100
92 48.3 25.9 65.9
108 76.4 52.4 92.4

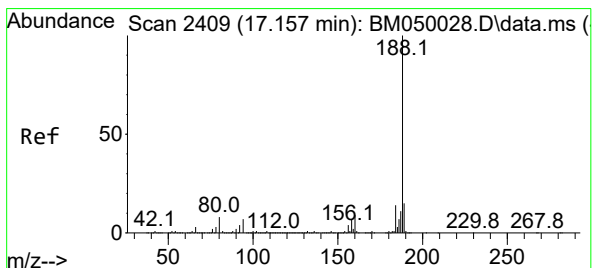
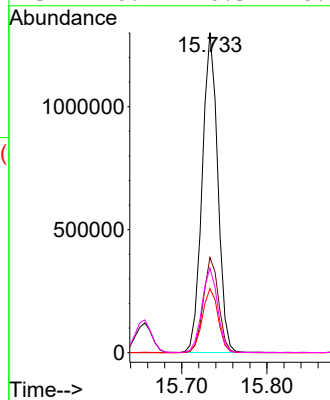
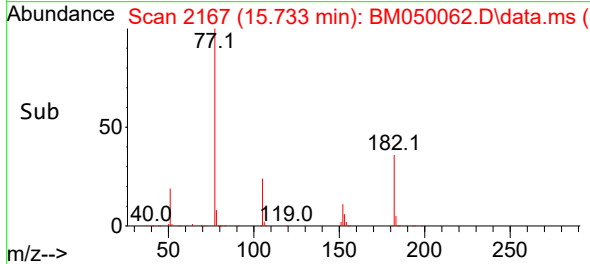
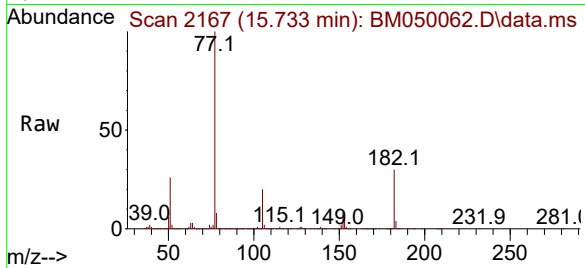




#63
Azobenzene
Concen: 44.796 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

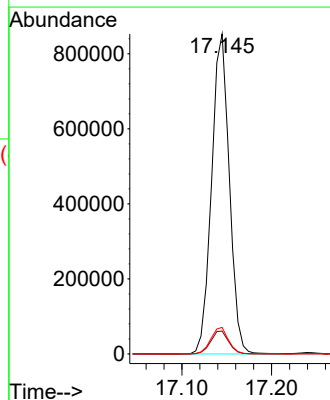
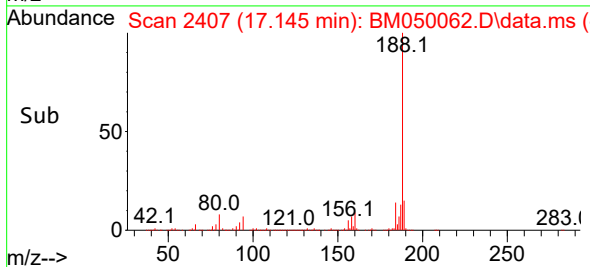
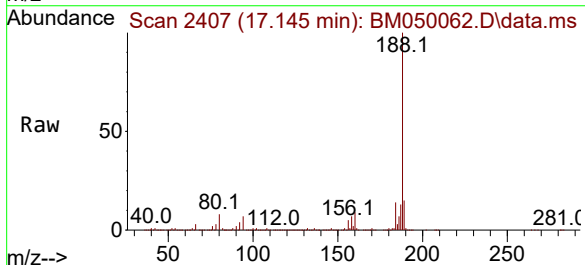
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

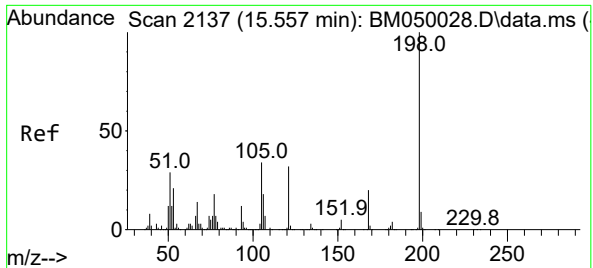
Tgt Ion: 77 Resp: 1645970
Ion Ratio Lower Upper
77 100
182 29.8 10.5 50.5
105 20.0 1.1 41.1
51 26.4 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion: 188 Resp: 1171488
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.3 6.2 9.4

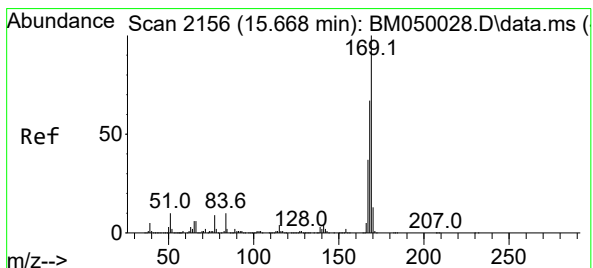
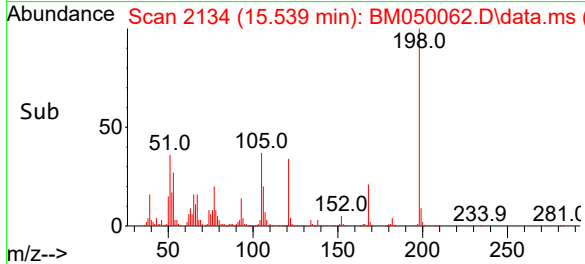
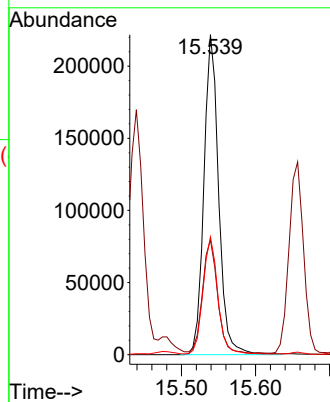
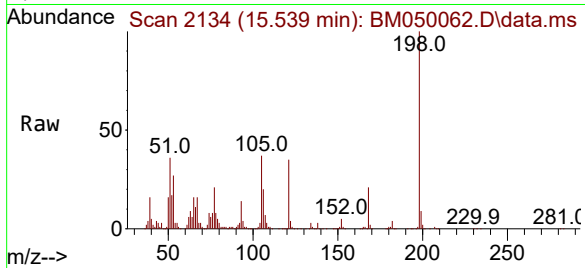




#65
4,6-Dinitro-2-methylphenol
Concen: 41.909 ng
RT: 15.539 min Scan# 2137
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

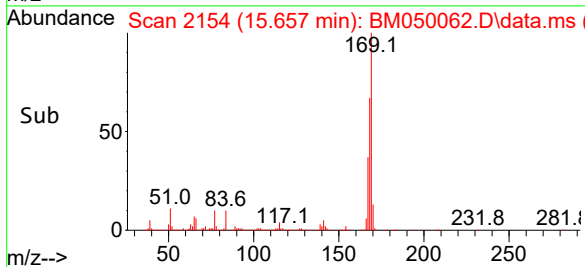
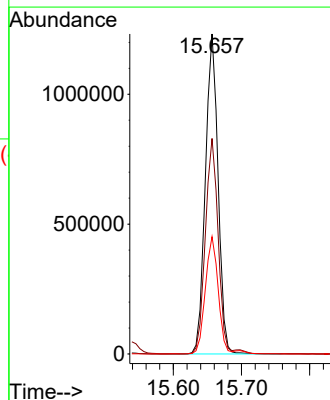
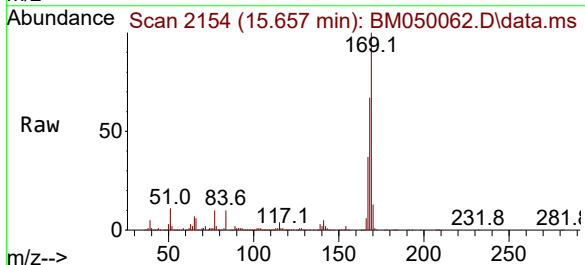
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

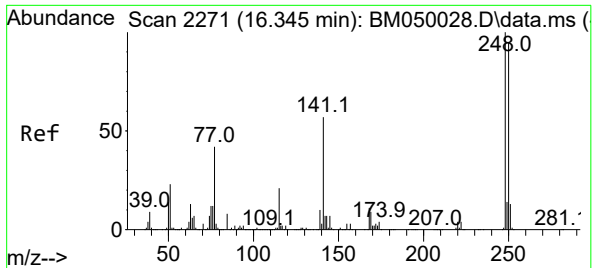
Tgt Ion:198 Resp: 307321
Ion Ratio Lower Upper
198 100
51 35.9 10.4 50.4
105 36.8 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 44.430 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:169 Resp: 1598289
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.7 29.4 44.0

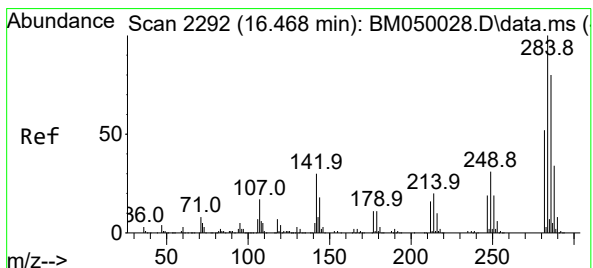
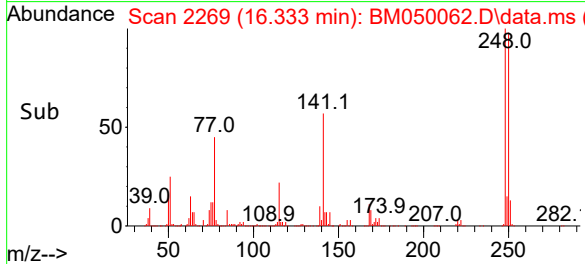
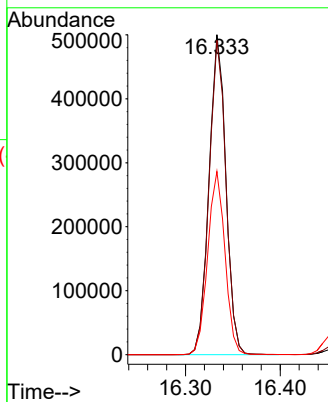
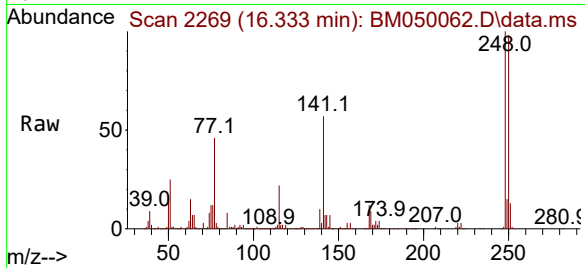




#67
4-Bromophenyl-phenylether
Concen: 43.643 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

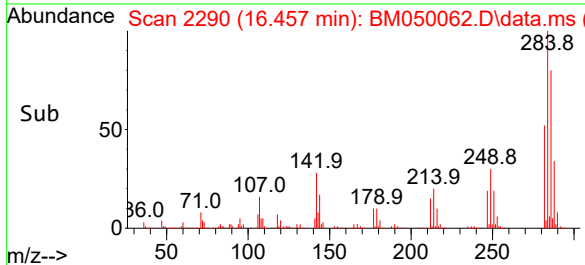
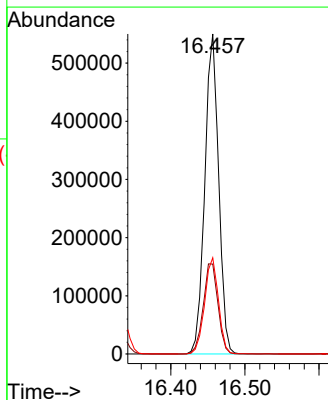
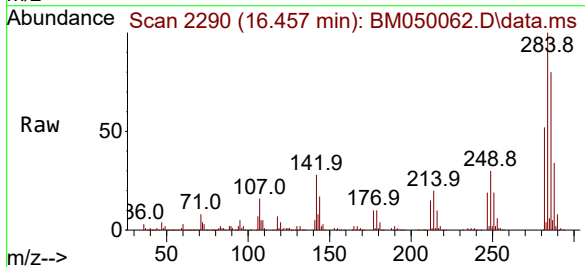
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

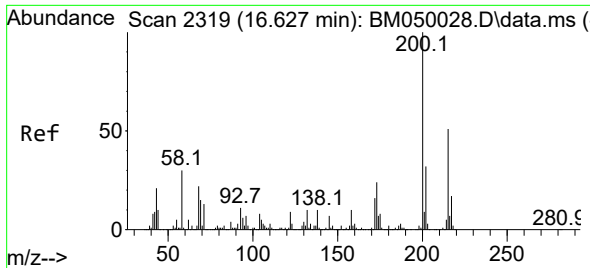
Tgt Ion:248 Resp: 618264
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.2
141 57.3 45.9 68.9



#68
Hexachlorobenzene
Concen: 43.718 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:284 Resp: 713913
Ion Ratio Lower Upper
284 100
142 28.1 23.9 35.9
249 30.0 24.5 36.7

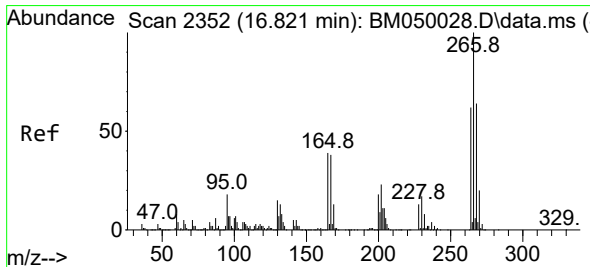
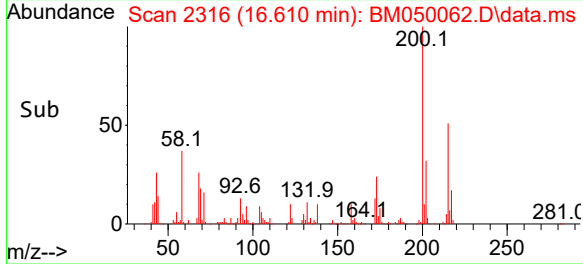
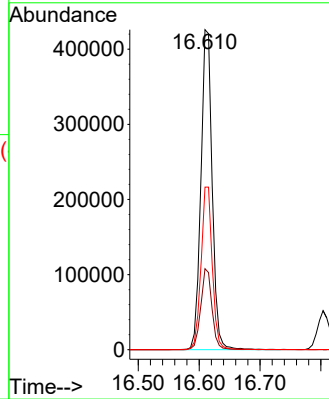
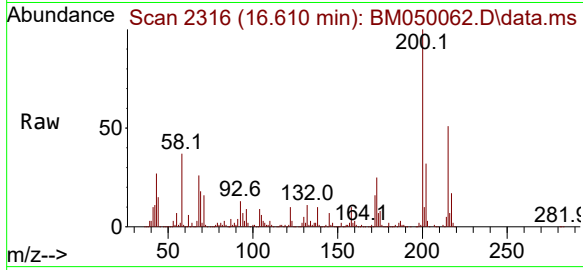




#69
Atrazine
Concen: 42.423 ng
RT: 16.610 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

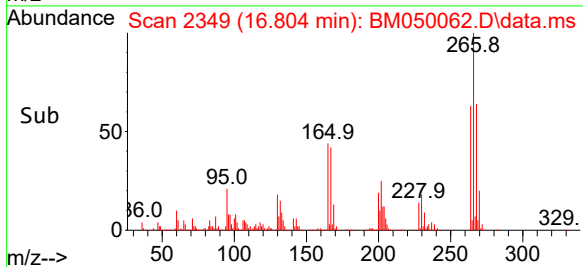
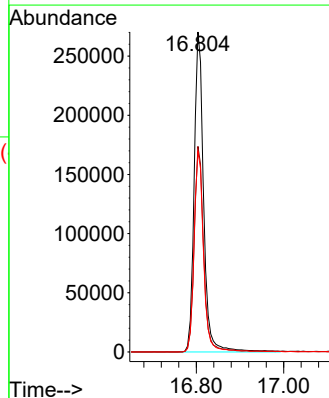
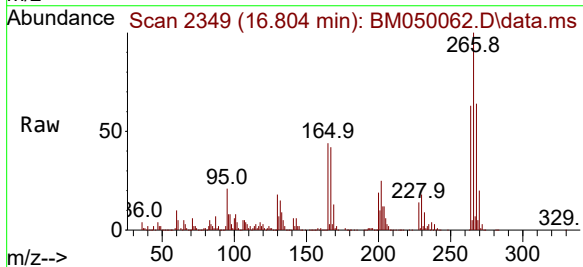
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

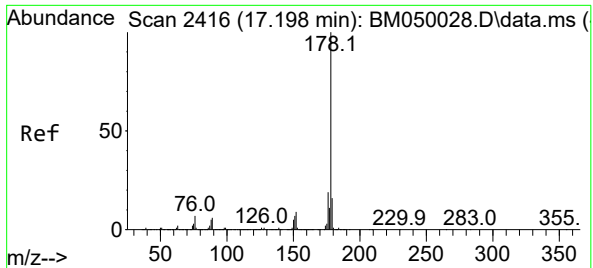
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.3	44.3
215	50.8	30.6	70.6



#70
Pentachlorophenol
Concen: 44.419 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.017 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.2	76.8
264	62.7	49.6	74.4

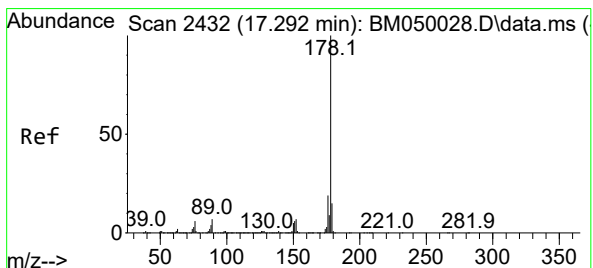
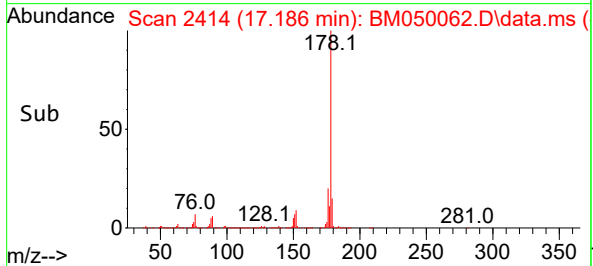
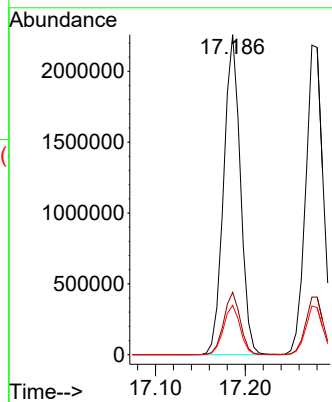
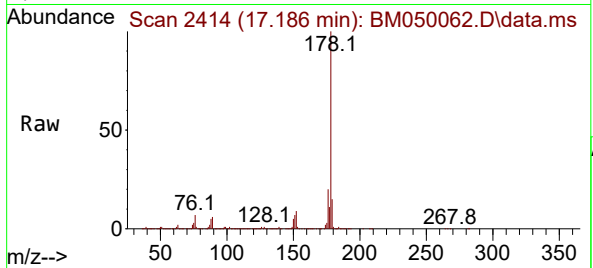




#71
Phenanthrene
Concen: 44.128 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

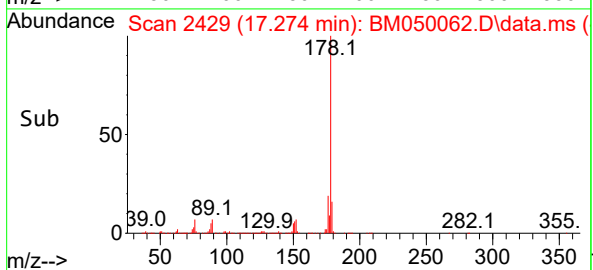
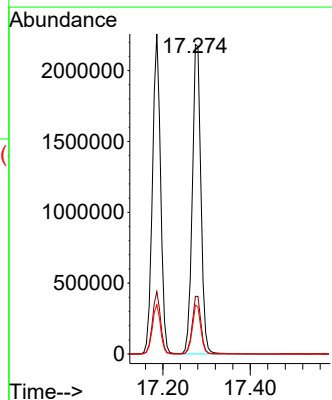
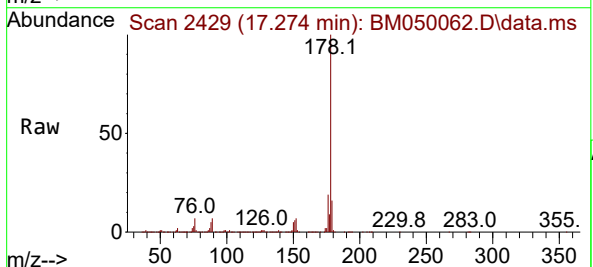
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

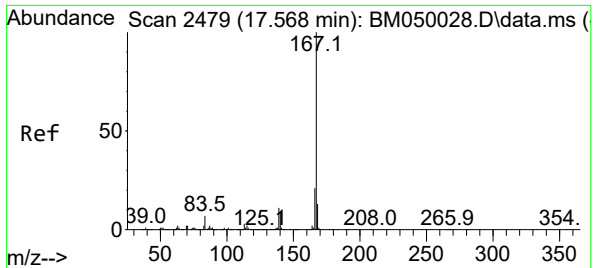
Tgt Ion:178 Resp: 2915695
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 44.637 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:178 Resp: 2984695
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.2 18.4

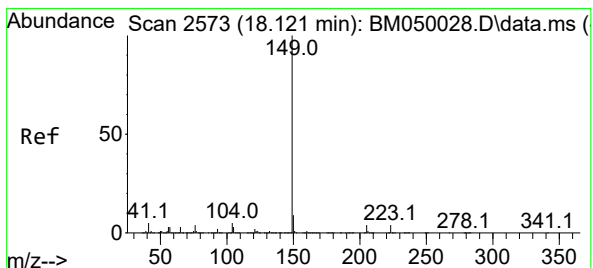
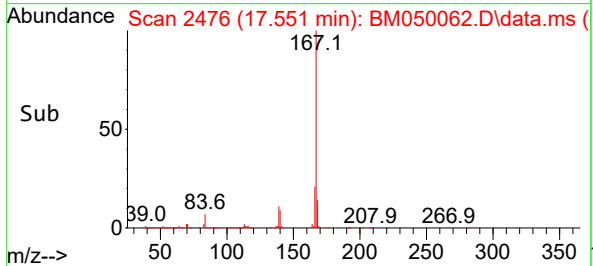
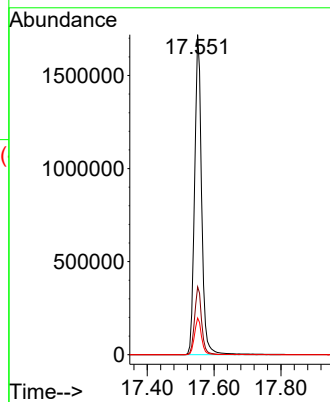
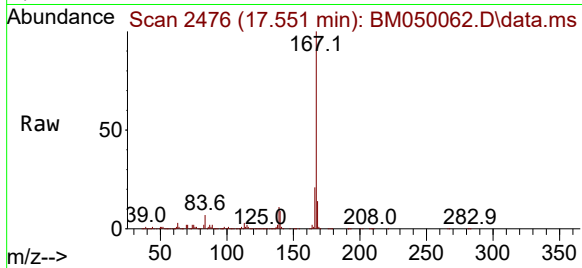




#73
Carbazole
Concen: 43.390 ng
RT: 17.551 min Scan# 2479
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

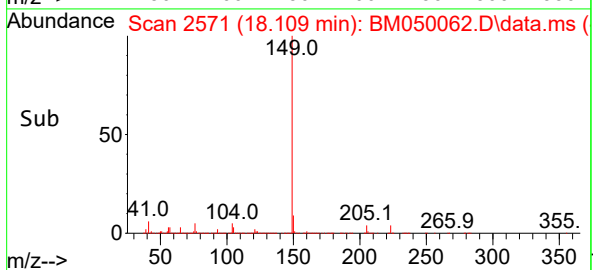
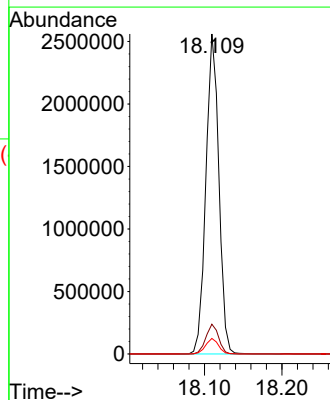
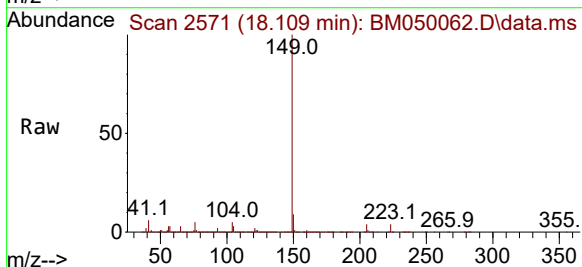
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

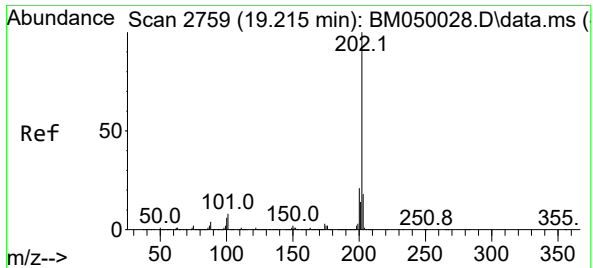
Tgt Ion:167 Resp: 2517620
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 11.5 9.0 13.6



#74
Di-n-butylphthalate
Concen: 42.938 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 2966936
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.9 3.8 5.6

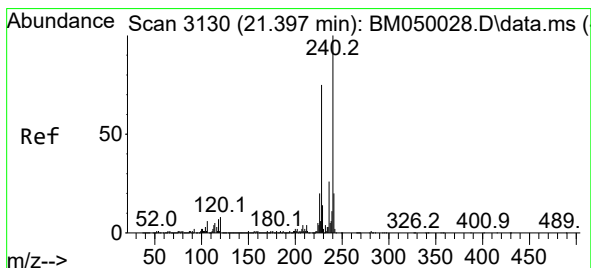
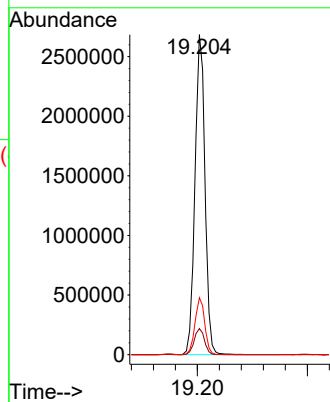
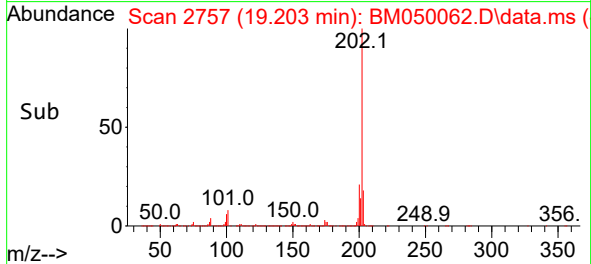
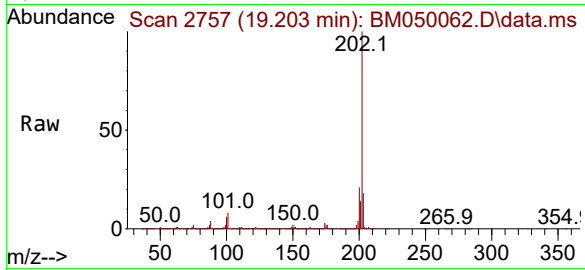




#75
Fluoranthene
Concen: 43.496 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

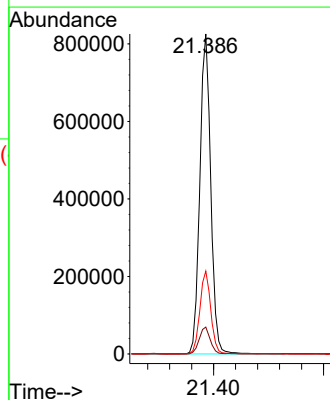
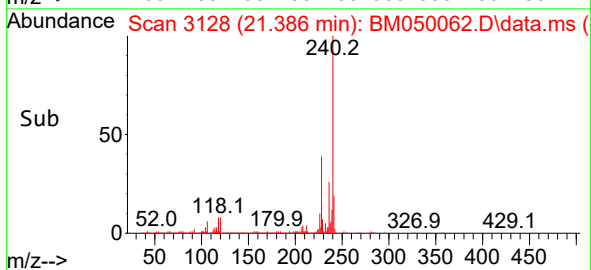
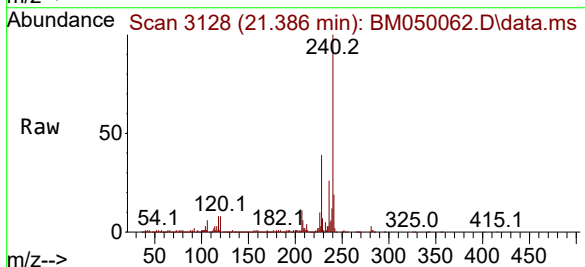
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

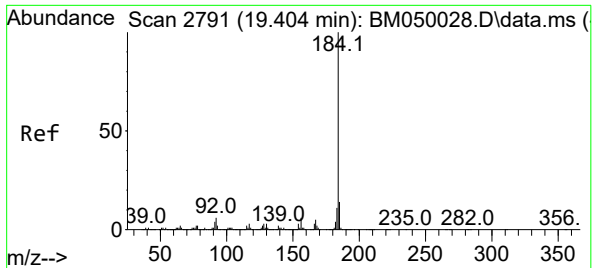
Tgt Ion:202 Resp: 3374127
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.0
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:240 Resp: 1137064
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 25.9 20.9 31.3

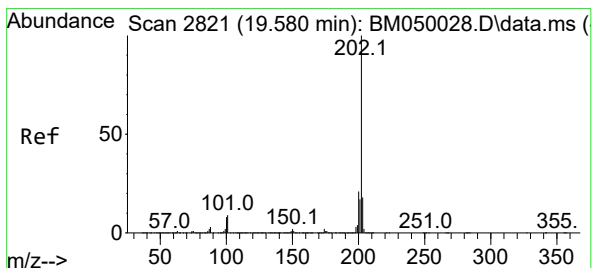
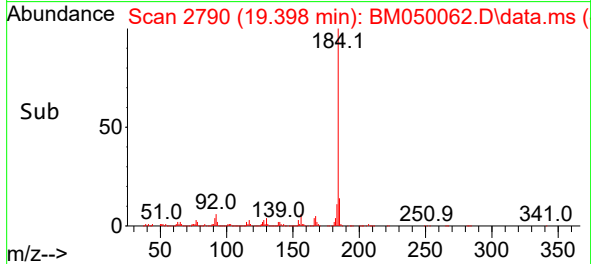
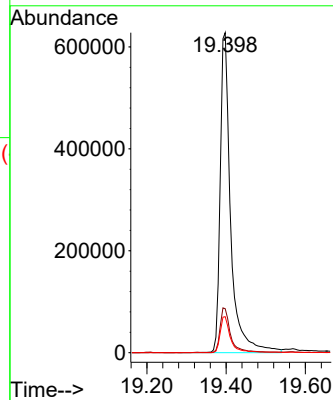
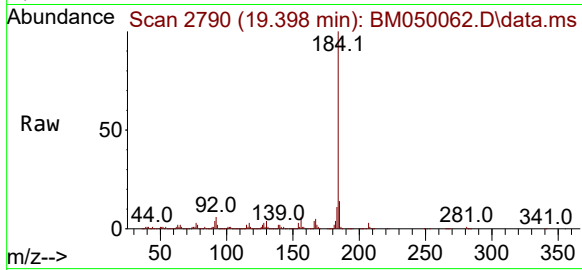




#77
Benzidine
Concen: 28.568 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

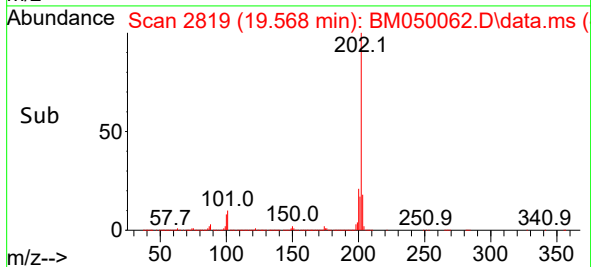
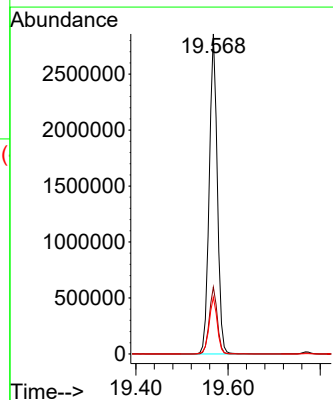
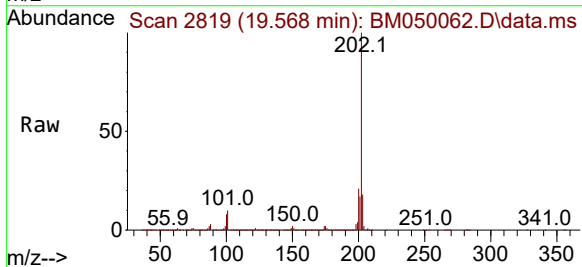
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

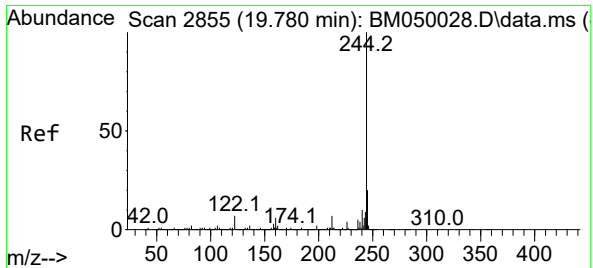
Tgt Ion:184 Resp: 1153850
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.3 8.9 13.3



#78
Pyrene
Concen: 43.763 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:202 Resp: 3494418
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.7 14.1 21.1

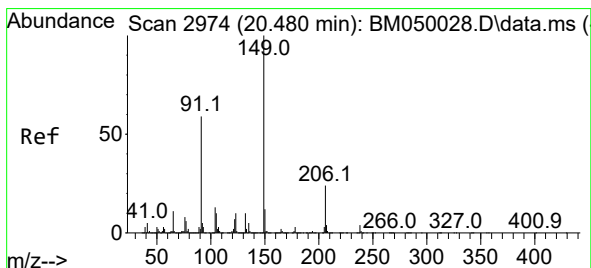
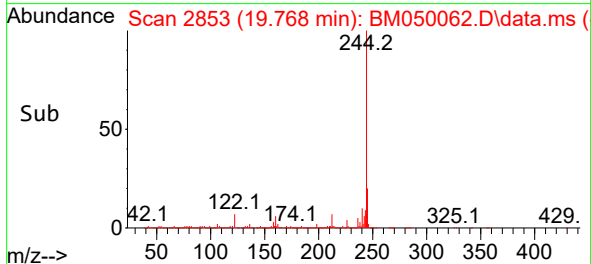
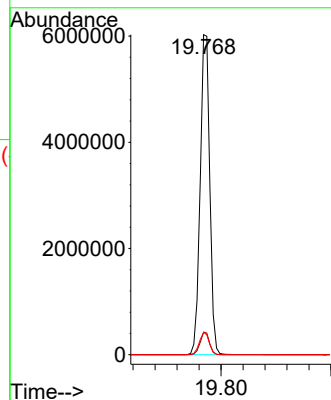
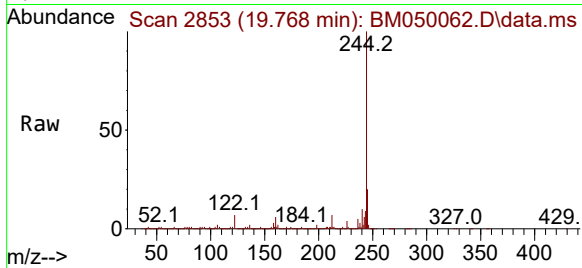




#79
Terphenyl-d14
Concen: 95.048 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

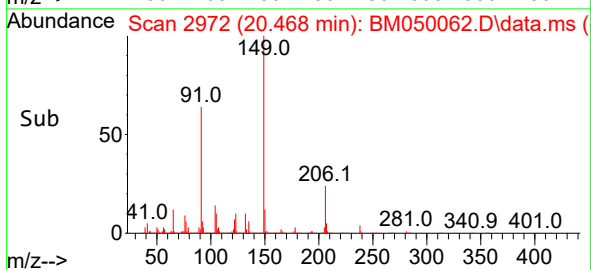
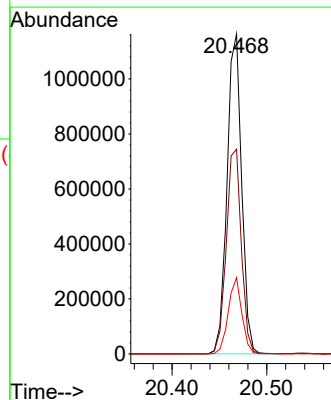
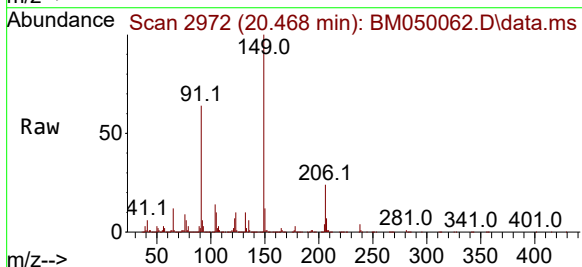
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

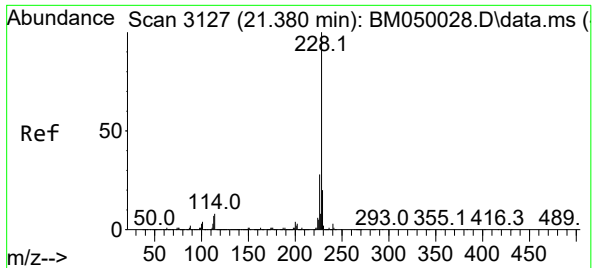
Tgt Ion:244 Resp: 7303717
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 41.763 ng
RT: 20.468 min Scan# 2972
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1248988
Ion Ratio Lower Upper
149 100
91 64.0 47.4 71.2
206 23.9 19.4 29.0

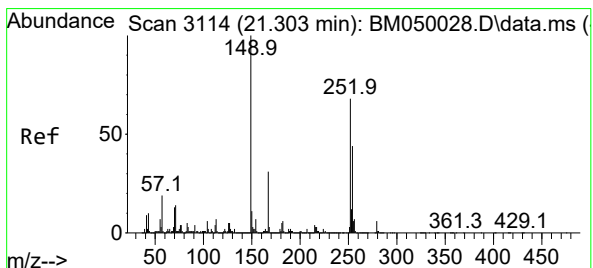
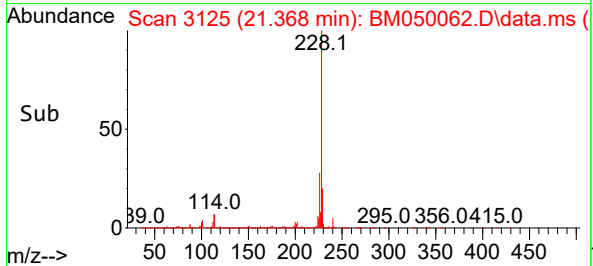
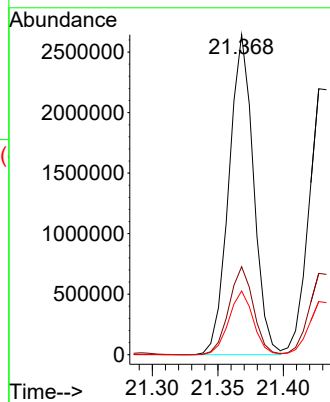
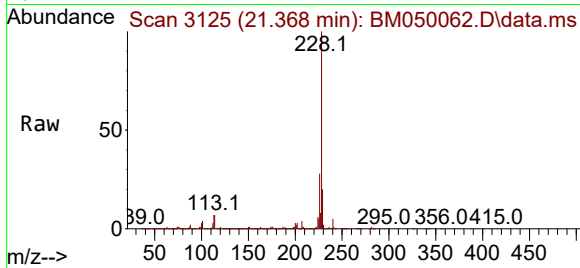




#81
Benzo(a)anthracene
Concen: 44.135 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

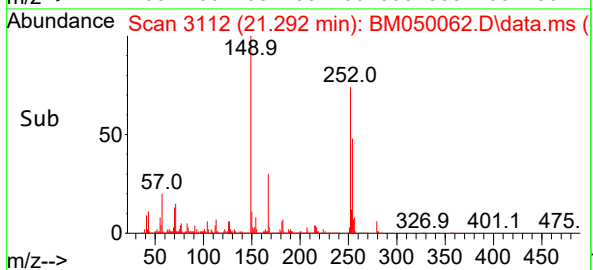
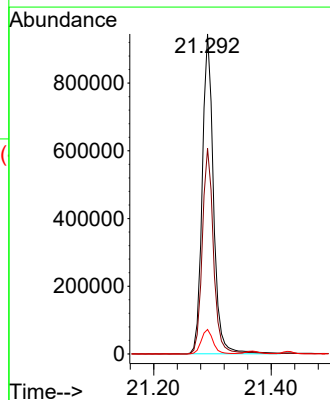
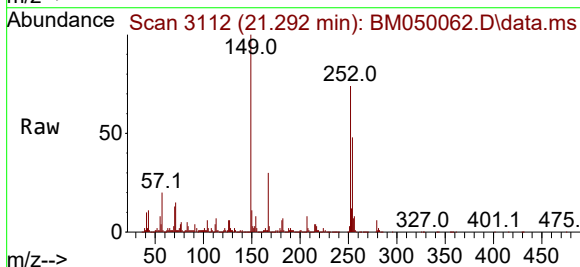
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

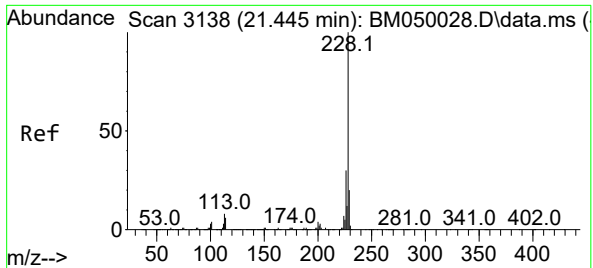
Tgt Ion:228 Resp: 3455861
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 41.777 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:252 Resp: 1252229
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 7.7 6.0 9.0

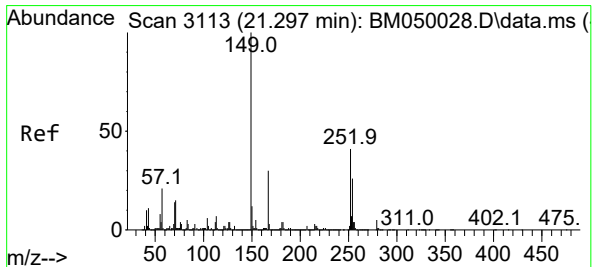
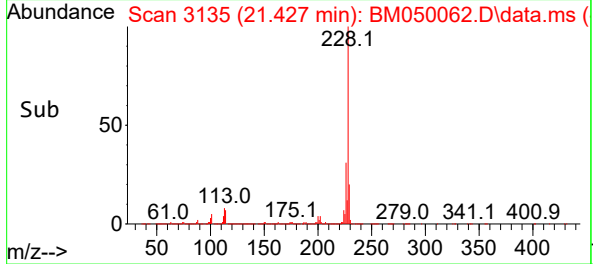
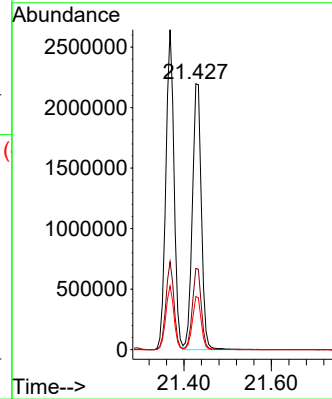
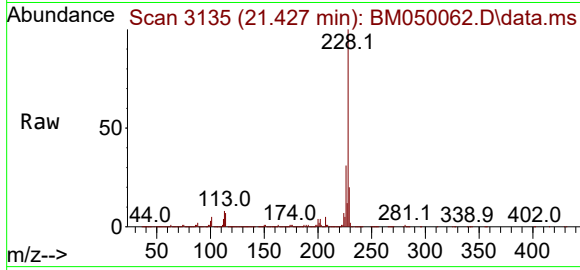




#83
Chrysene
Concen: 43.016 ng
RT: 21.427 min Scan# 3111
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

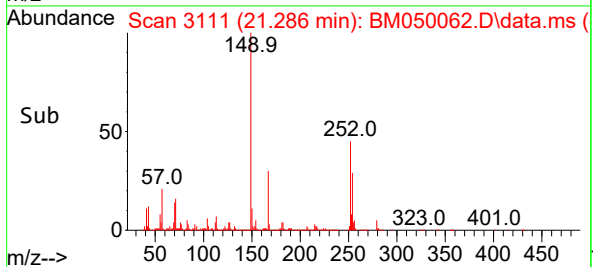
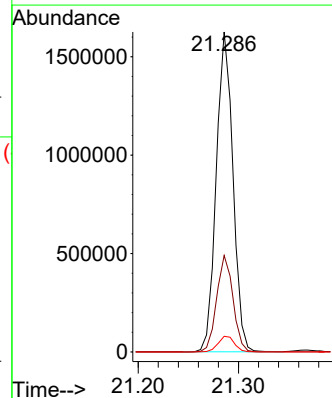
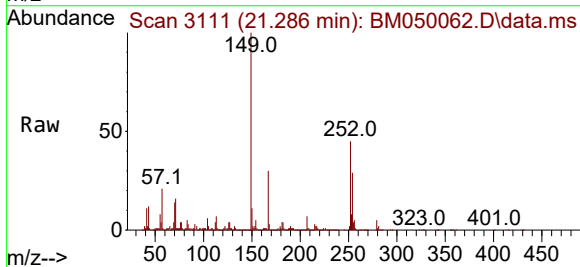
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

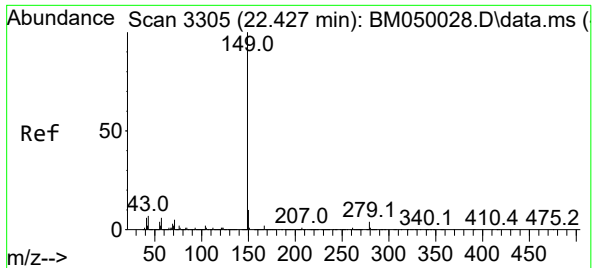
Tgt Ion:228 Resp: 3117333
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.933 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:149 Resp: 1873155
Ion Ratio Lower Upper
149 100
167 30.1 24.1 36.1
279 4.9 3.9 5.9

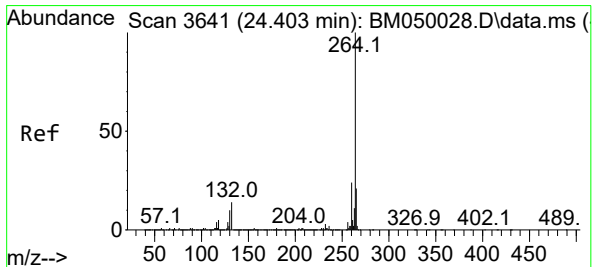
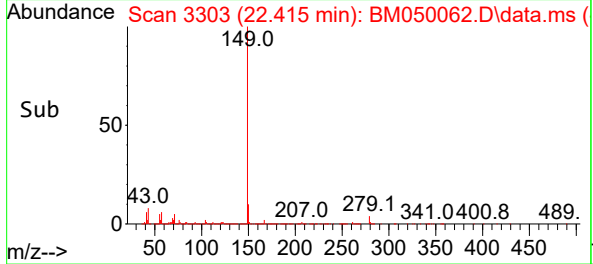
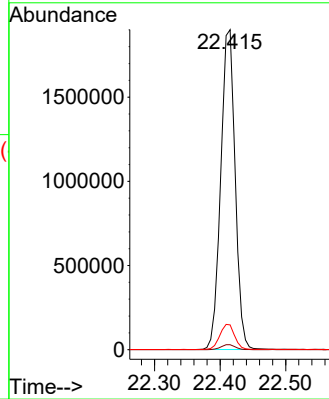
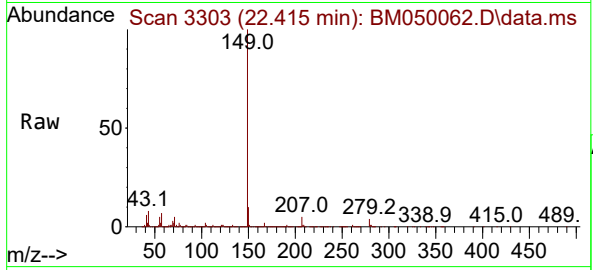




#85
Di-n-octyl phthalate
Concen: 39.233 ng
RT: 22.415 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

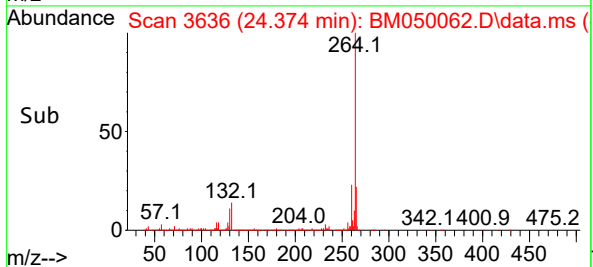
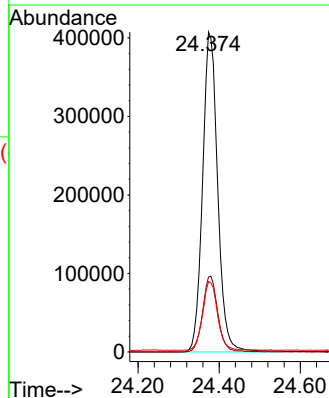
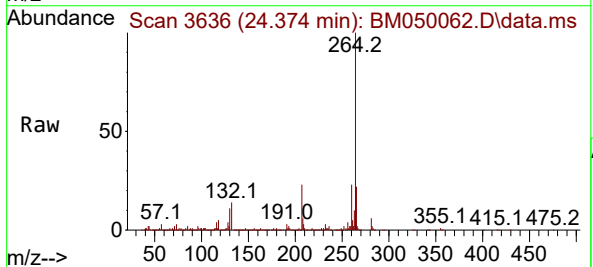
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

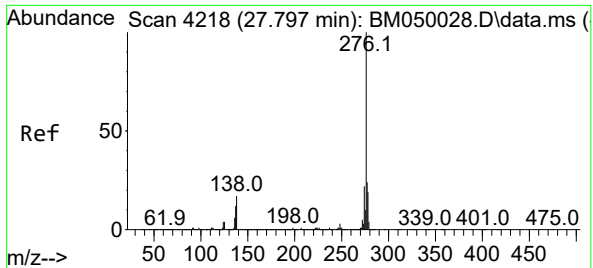
Tgt Ion:149 Resp: 2890157
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:264 Resp: 1050482
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.0 17.0 25.4

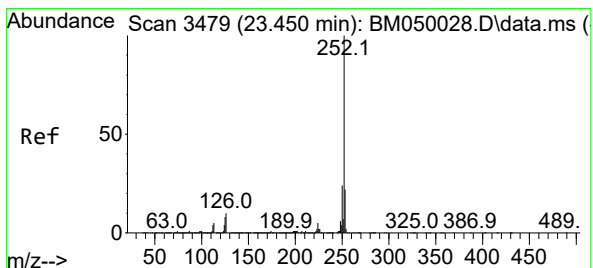
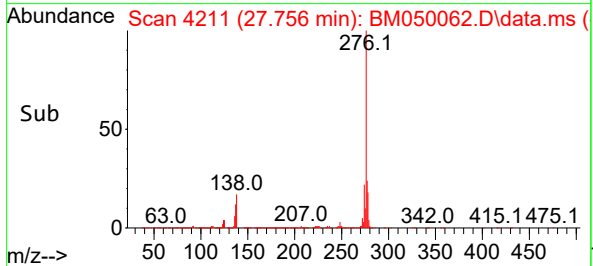
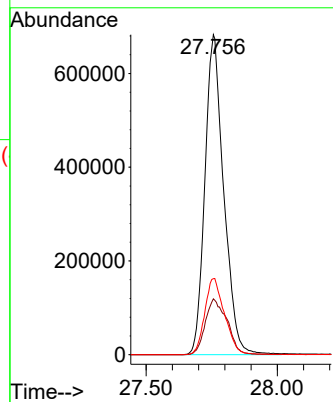
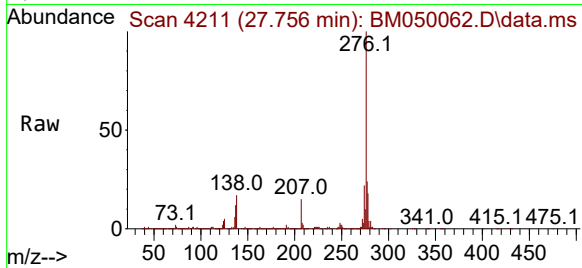




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.491 ng
RT: 27.756 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

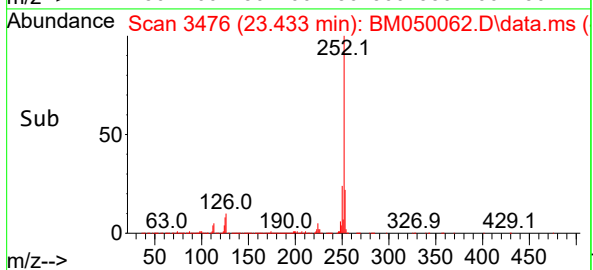
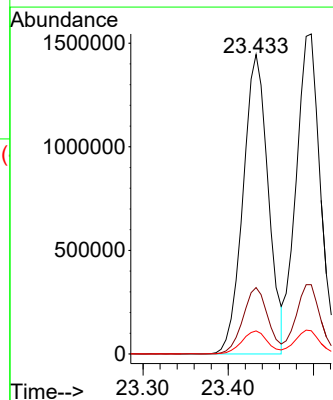
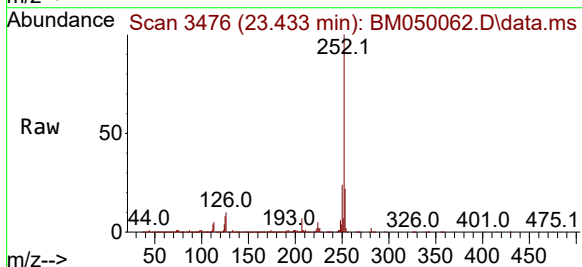
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

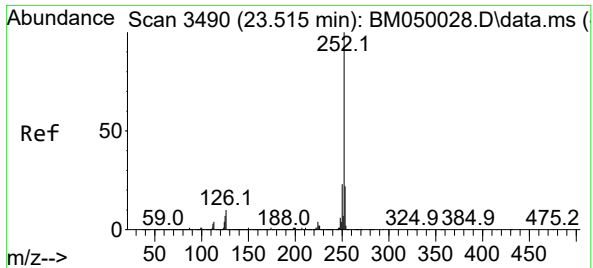
Tgt Ion:276 Resp: 3404250
Ion Ratio Lower Upper
276 100
138 20.2 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 43.470 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:252 Resp: 2969664
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.7 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 44.376 ng

RT: 23.497 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

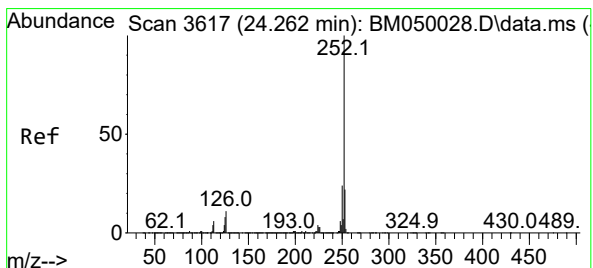
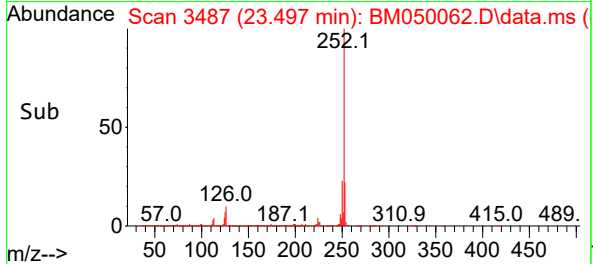
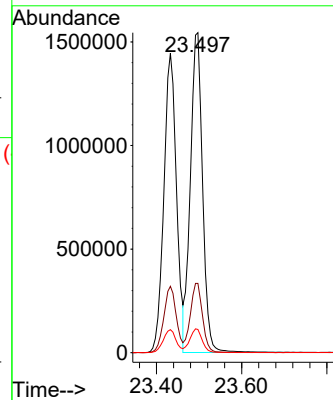
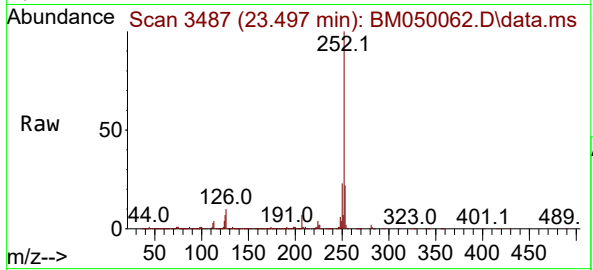
Tgt Ion:252 Resp: 3066550

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.2 5.8 8.8



#90

Benzo(a)pyrene

Concen: 43.457 ng

RT: 24.238 min Scan# 3613

Delta R.T. -0.024 min

Lab File: BM050062.D

Acq: 01 May 2025 13:25

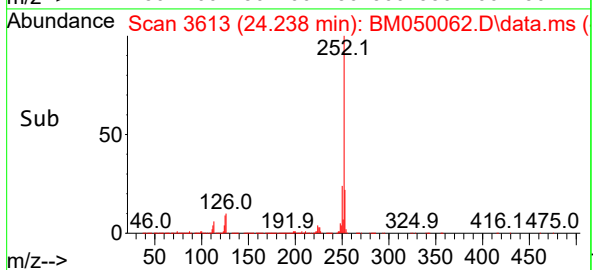
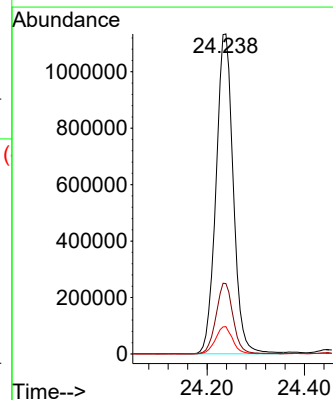
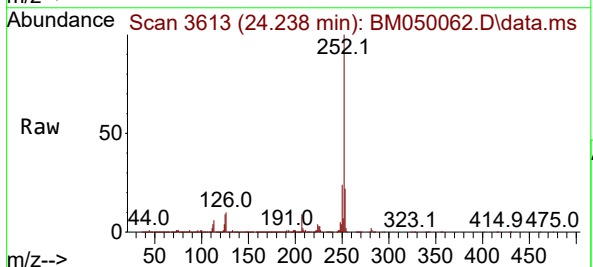
Tgt Ion:252 Resp: 2780579

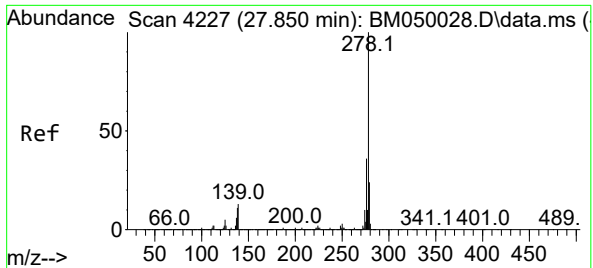
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.5 6.6 9.8

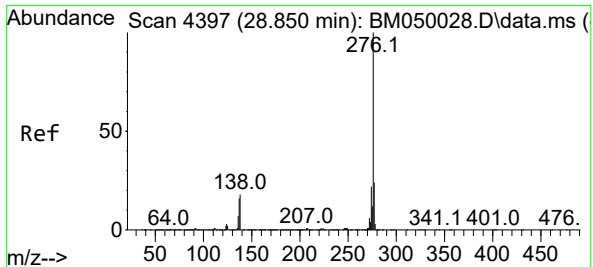
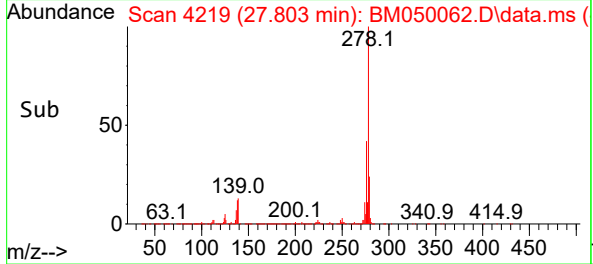
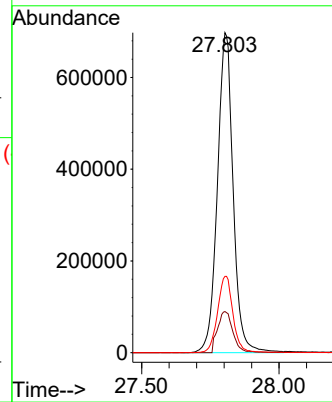
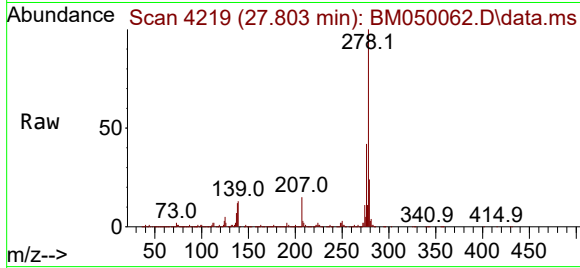




#91
Dibenzo(a,h)anthracene
Concen: 43.471 ng
RT: 27.803 min Scan# 419
Delta R.T. -0.047 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

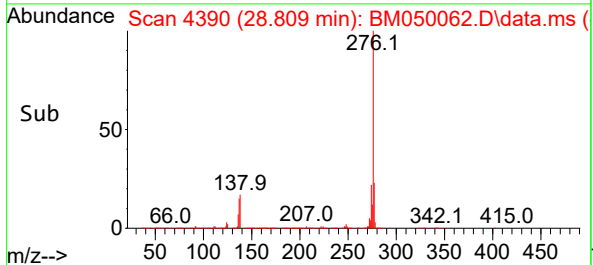
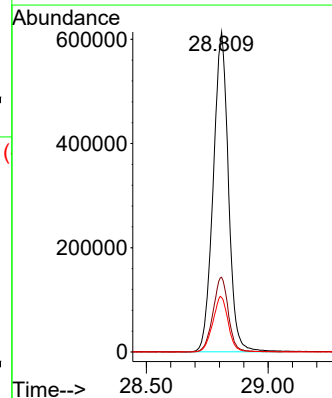
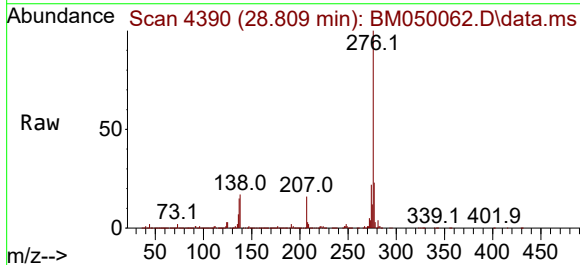
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2773732
Ion Ratio Lower Upper
278 100
139 12.9 10.5 15.7
279 23.8 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 43.389 ng
RT: 28.809 min Scan# 4390
Delta R.T. -0.041 min
Lab File: BM050062.D
Acq: 01 May 2025 13:25

Tgt Ion:276 Resp: 2650473
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 17.0 14.3 21.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	137	-0.01
2	1,4-Dioxane	0.490	0.582	-18.8	155#	0.02
3	Pyridine	1.258	1.503	-19.5	154#	0.01
4	n-Nitrosodimethylamine	0.493	0.572	-16.0	150	0.02
5 S	2-Fluorophenol	1.142	1.339	-17.3	151#	0.00
6	Aniline	1.813	1.929	-6.4	136	-0.01
7 S	Phenol-d6	1.436	1.600	-11.4	142	-0.01
8	2-Chlorophenol	1.235	1.304	-5.6	136	-0.01
9	Benzaldehyde	0.961	1.092	-13.6	145	0.00
10 C	Phenol	1.453	1.604	-10.4	142	-0.01
11	bis(2-Chloroethyl)ether	1.213	1.300	-7.2	139	-0.01
12	1,3-Dichlorobenzene	1.492	1.587	-6.4	138	-0.01
13 C	1,4-Dichlorobenzene	1.499	1.591	-6.1	139	-0.01
14	1,2-Dichlorobenzene	1.448	1.502	-3.7	135	-0.01
15	Benzyl Alcohol	0.996	1.051	-5.5	133	-0.01
16	2,2'-oxybis(1-Chloropropane	1.475	1.588	-7.7	140	-0.01
17	2-Methylphenol	0.957	0.985	-2.9	130	-0.01
18	Hexachloroethane	0.533	0.574	-7.7	141	-0.02
19 P	n-Nitroso-di-n-propylamine	0.921	0.843	8.5	115	-0.01
20	3+4-Methylphenols	1.293	1.302	-0.7	128	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	122	-0.02
22	Acetophenone	0.497	0.555	-11.7	128	-0.01
23 S	Nitrobenzene-d5	0.406	0.470	-15.8	133	-0.01
24	Nitrobenzene	0.351	0.401	-14.2	131	-0.01
25	Isophorone	0.692	0.722	-4.3	121	-0.02
26 C	2-Nitrophenol	0.179	0.198	-10.6	123	-0.02
27	2,4-Dimethylphenol	0.297	0.317	-6.7	120	-0.02
28	bis(2-Chloroethoxy)methane	0.428	0.455	-6.3	123	-0.02
29 C	2,4-Dichlorophenol	0.333	0.356	-6.9	120	-0.02
30	1,2,4-Trichlorobenzene	0.406	0.436	-7.4	125	-0.02
31	Naphthalene	1.013	1.086	-7.2	125	-0.02
32	Benzoic acid	0.190	0.186	2.1	116	-0.01
33	4-Chloroaniline	0.415	0.426	-2.7	118	-0.02
34 C	Hexachlorobutadiene	0.258	0.279	-8.1	126	-0.02
35	Caprolactam	0.097	0.089	8.2	104	-0.01
36 C	4-Chloro-3-methylphenol	0.308	0.303	1.6	114	-0.02
37	2-Methylnaphthalene	0.679	0.698	-2.8	120	-0.02
38	1-Methylnaphthalene	0.719	0.727	-1.1	118	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	0.692	0.812	-17.3	118	-0.01
41 P	Hexachlorocyclopentadiene	0.423	0.472	-11.6	112	-0.02
42 S	2,4,6-Tribromophenol	0.296	0.313	-5.7	106	-0.01
43 C	2,4,6-Trichlorophenol	0.439	0.496	-13.0	112	-0.02
44	2,4,5-Trichlorophenol	0.474	0.528	-11.4	110	-0.02
45 S	2-Fluorobiphenyl	1.691	1.996	-18.0	119	-0.02
46	1,1'-Biphenyl	1.487	1.674	-12.6	115	-0.02
47	2-Chloronaphthalene	1.177	1.322	-12.3	114	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.276	0.322	-16.7	115	-0.02
49	Acenaphthylene	1.857	2.021	-8.8	110	-0.02
50	Dimethylphthalate	1.462	1.494	-2.2	105	-0.01
51	2,6-Dinitrotoluene	0.303	0.319	-5.3	105	-0.02
52 C	Acenaphthene	1.075	1.173	-9.1	111	-0.01
53	3-Nitroaniline	0.289	0.307	-6.2	103	-0.02
54 P	2,4-Dinitrophenol	0.164	0.161	1.8	98	-0.02
55	Dibenzofuran	1.788	1.919	-7.3	110	-0.01
56 P	4-Nitrophenol	0.205	0.222	-8.3	107	-0.02
57	2,4-Dinitrotoluene	0.418	0.439	-5.0	103	-0.01
58	Fluorene	1.463	1.622	-10.9	112	-0.02
59	2,3,4,6-Tetrachlorophenol	0.410	0.429	-4.6	106	-0.01
60	Diethylphthalate	1.377	1.398	-1.5	105	-0.01
61	4-Chlorophenyl-phenylether	0.804	0.881	-9.6	111	-0.02
62	4-Nitroaniline	0.279	0.296	-6.1	102	-0.01
63	Azobenzene	1.154	1.293	-12.0	114	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	101	-0.01
65	4,6-Dinitro-2-methylphenol	0.125	0.131	-4.8	98	-0.02
66 c	n-Nitrosodiphenylamine	0.614	0.682	-11.1	105	-0.01
67	4-Bromophenyl-phenylether	0.242	0.264	-9.1	103	-0.01
68	Hexachlorobenzene	0.279	0.305	-9.3	104	-0.01
69	Atrazine	0.222	0.235	-5.9	100	-0.02
70 C	Pentachlorophenol	0.157	0.174	-10.8	105	-0.02
71	Phenanthrene	1.128	1.244	-10.3	106	-0.01
72	Anthracene	1.142	1.274	-11.6	106	-0.02
73	Carbazole	0.991	1.075	-8.5	103	-0.02
74	Di-n-butylphthalate	1.180	1.266	-7.3	102	-0.01
75 C	Fluoranthene	1.324	1.440	-8.8	103	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	102	-0.01
77	Benzidine	0.710	0.507	28.6#	67	0.00
78	Pyrene	1.404	1.537	-9.5	103	-0.01
79 S	Terphenyl-d14	1.352	1.606	-18.8	107	-0.01
80	Butylbenzylphthalate	0.526	0.549	-4.4	100	-0.01
81	Benzo(a)anthracene	1.377	1.520	-10.4	105	-0.01
82	3,3'-Dichlorobenzidine	0.527	0.551	-4.6	97	-0.01
83	Chrysene	1.275	1.371	-7.5	104	-0.02
84	Bis(2-ethylhexyl)phthalate	0.786	0.824	-4.8	100	-0.01
85 c	Di-n-octyl phthalate	1.296	1.271	1.9	95	-0.01
86 I	Perylene-d12	1.000	1.000	0.0	98	-0.03
87	Indeno(1,2,3-cd)pyrene	1.490	1.620	-8.7	99	-0.04
88	Benzo(b)fluoranthene	1.301	1.413	-8.6	98	-0.02
89	Benzo(k)fluoranthene	1.316	1.460	-10.9	103	-0.02
90 C	Benzo(a)pyrene	1.218	1.323	-8.6	100	-0.02
91	Dibenzo(a,h)anthracene	1.215	1.320	-8.6	99	-0.05
92	Benzo(g,h,i)perylene	1.163	1.262	-8.5	100	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
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Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	137	-0.01
2	1,4-Dioxane	40.000	47.513	-18.8	155	0.02
3	Pyridine	40.000	47.766	-19.4	154	0.01
4	n-Nitrosodimethylamine	40.000	46.336	-15.8	150	0.02
5 S	2-Fluorophenol	80.000	93.775	-17.2	151	0.00
6	Aniline	40.000	42.572	-6.4	136	-0.01
7 S	Phenol-d6	80.000	89.170	-11.5	142	-0.01
8	2-Chlorophenol	40.000	42.253	-5.6	136	-0.01
9	Benzaldehyde	40.000	45.481	-13.7	145	0.00
10 C	Phenol	40.000	44.161	-10.4	142	-0.01
11	bis(2-Chloroethyl)ether	40.000	42.836	-7.1	139	-0.01
12	1,3-Dichlorobenzene	40.000	42.546	-6.4	138	-0.01
13 C	1,4-Dichlorobenzene	40.000	42.473	-6.2	139	-0.01
14	1,2-Dichlorobenzene	40.000	41.490	-3.7	135	-0.01
15	Benzyl Alcohol	40.000	42.242	-5.6	133	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	43.052	-7.6	140	-0.01
17	2-Methylphenol	40.000	41.137	-2.8	130	-0.01
18	Hexachloroethane	40.000	43.117	-7.8	141	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	36.605	8.5	115	-0.01
20	3+4-Methylphenols	40.000	40.296	-0.7	128	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	122	-0.02
22	Acetophenone	40.000	44.635	-11.6	128	-0.01
23 S	Nitrobenzene-d5	80.000	92.712	-15.9	133	-0.01
24	Nitrobenzene	40.000	45.762	-14.4	131	-0.01
25	Isophorone	40.000	41.750	-4.4	121	-0.02
26 C	2-Nitrophenol	40.000	44.067	-10.2	123	-0.02
27	2,4-Dimethylphenol	40.000	42.668	-6.7	120	-0.02
28	bis(2-Chloroethoxy)methane	40.000	42.549	-6.4	123	-0.02
29 C	2,4-Dichlorophenol	40.000	42.706	-6.8	120	-0.02
30	1,2,4-Trichlorobenzene	40.000	42.941	-7.4	125	-0.02
31	Naphthalene	40.000	42.897	-7.2	125	-0.02
32	Benzoic acid	40.000	39.188	2.0	116	-0.01
33	4-Chloroaniline	40.000	41.048	-2.6	118	-0.02
34 C	Hexachlorobutadiene	40.000	43.347	-8.4	126	-0.02
35	Caprolactam	40.000	36.708	8.2	104	-0.01
36 C	4-Chloro-3-methylphenol	40.000	39.405	1.5	114	-0.02
37	2-Methylnaphthalene	40.000	41.142	-2.9	120	-0.02
38	1-Methylnaphthalene	40.000	40.492	-1.2	118	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	46.936	-17.3	118	-0.01
41 P	Hexachlorocyclopentadiene	40.000	44.616	-11.5	112	-0.02
42 S	2,4,6-Tribromophenol	80.000	84.547	-5.7	106	-0.01
43 C	2,4,6-Trichlorophenol	40.000	45.172	-12.9	112	-0.02
44	2,4,5-Trichlorophenol	40.000	44.577	-11.4	110	-0.02
45 S	2-Fluorobiphenyl	80.000	94.461	-18.1	119	-0.02
46	1,1'-Biphenyl	40.000	45.044	-12.6	115	-0.02
47	2-Chloronaphthalene	40.000	44.927	-12.3	114	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050062.D
 Acq On : 01 May 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: May 01 14:34:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.607	-16.5	115	-0.02
49	Acenaphthylene	40.000	43.552	-8.9	110	-0.02
50	Dimethylphthalate	40.000	40.885	-2.2	105	-0.01
51	2,6-Dinitrotoluene	40.000	42.111	-5.3	105	-0.02
52 C	Acenaphthene	40.000	43.665	-9.2	111	-0.01
53	3-Nitroaniline	40.000	42.458	-6.1	103	-0.02
54 P	2,4-Dinitrophenol	40.000	36.611	8.5	98	-0.02
55	Dibenzofuran	40.000	42.931	-7.3	110	-0.01
56 P	4-Nitrophenol	40.000	40.165	-0.4	107	-0.02
57	2,4-Dinitrotoluene	40.000	41.948	-4.9	103	-0.01
58	Fluorene	40.000	44.327	-10.8	112	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	41.828	-4.6	106	-0.01
60	Diethylphthalate	40.000	40.589	-1.5	105	-0.01
61	4-Chlorophenyl-phenylether	40.000	43.832	-9.6	111	-0.02
62	4-Nitroaniline	40.000	42.437	-6.1	102	-0.01
63	Azobenzene	40.000	44.796	-12.0	114	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	101	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	41.909	-4.8	98	-0.02
66 c	n-Nitrosodiphenylamine	40.000	44.430	-11.1	105	-0.01
67	4-Bromophenyl-phenylether	40.000	43.643	-9.1	103	-0.01
68	Hexachlorobenzene	40.000	43.718	-9.3	104	-0.01
69	Atrazine	40.000	42.423	-6.1	100	-0.02
70 C	Pentachlorophenol	40.000	44.419	-11.0	105	-0.02
71	Phenanthrene	40.000	44.128	-10.3	106	-0.01
72	Anthracene	40.000	44.637	-11.6	106	-0.02
73	Carbazole	40.000	43.390	-8.5	103	-0.02
74	Di-n-butylphthalate	40.000	42.938	-7.3	102	-0.01
75 C	Fluoranthene	40.000	43.496	-8.7	103	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	102	-0.01
77	Benzydine	40.000	28.568	28.6#	67	0.00
78	Pyrene	40.000	43.763	-9.4	103	-0.01
79 S	Terphenyl-d14	80.000	95.048	-18.8	107	-0.01
80	Butylbenzylphthalate	40.000	41.763	-4.4	100	-0.01
81	Benzo(a)anthracene	40.000	44.135	-10.3	105	-0.01
82	3,3'-Dichlorobenzidine	40.000	41.777	-4.4	97	-0.01
83	Chrysene	40.000	43.016	-7.5	104	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	41.933	-4.8	100	-0.01
85 c	Di-n-octyl phthalate	40.000	39.233	1.9	95	-0.01
86 I	Perylene-d12	20.000	20.000	0.0	98	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	43.491	-8.7	99	-0.04
88	Benzo(b)fluoranthene	40.000	43.470	-8.7	98	-0.02
89	Benzo(k)fluoranthene	40.000	44.376	-10.9	103	-0.02
90 C	Benzo(a)pyrene	40.000	43.457	-8.6	100	-0.02
91	Dibenzo(a,h)anthracene	40.000	43.471	-8.7	99	-0.05
92	Benzo(g,h,i)perylene	40.000	43.389	-8.5	100	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050062.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 01 14:34:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0



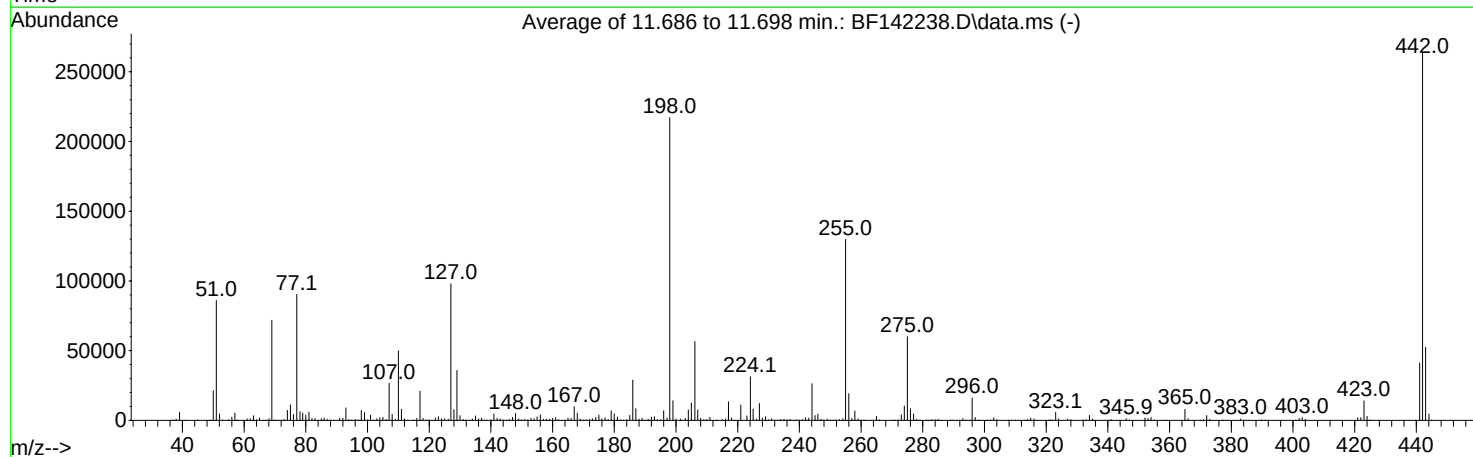
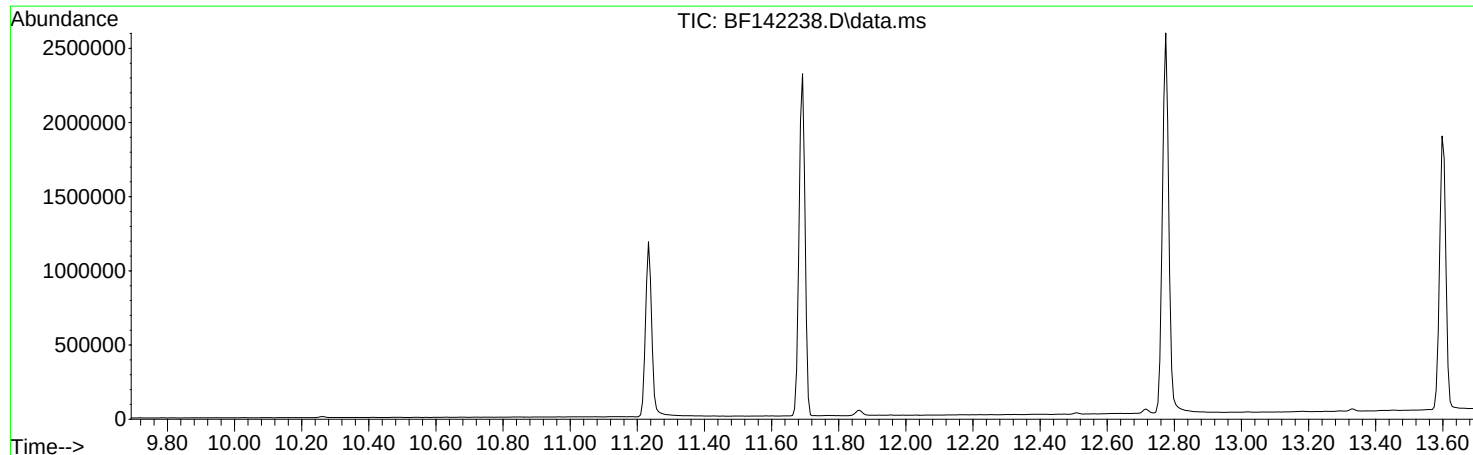
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
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-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025



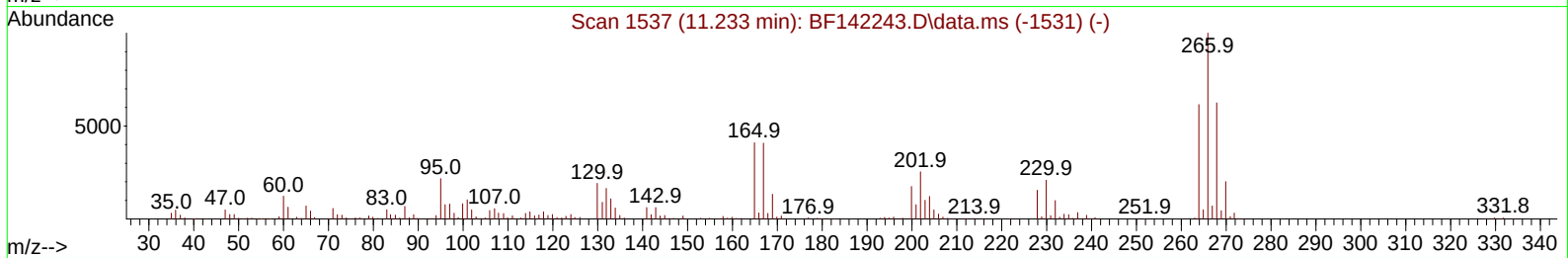
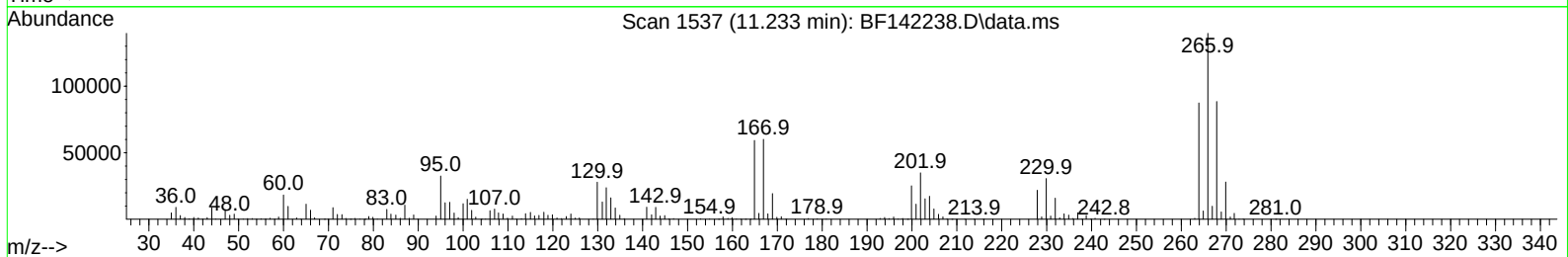
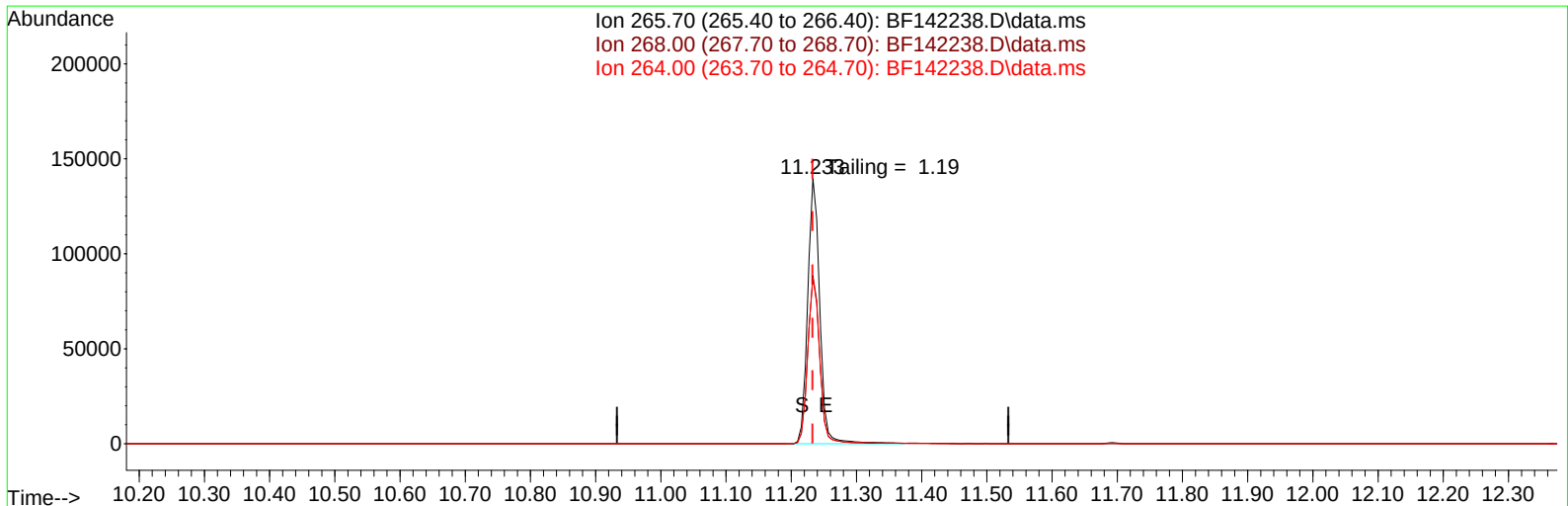
AutoFind: Scans 1614, 1615, 1616; Background Corrected with Scan 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	39.6	86007	PASS
68	69	0.00	2	1.8	1316	PASS
69	198	0.00	100	33.1	71903	PASS
70	69	0.00	2	0.5	377	PASS
127	198	10	80	45.1	97928	PASS
197	198	0.00	2	0.8	1760	PASS
198	198	100	100	100.0	217131	PASS
199	198	5	9	6.5	14095	PASS
275	198	10	60	27.6	60019	PASS
365	198	1	100	3.7	7976	PASS
441	198	0.01	100	19.0	41171	PASS
442	442	50	100	100.0	263808	PASS
443	442	15	24	19.9	52467	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142238.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 69575.24 ng

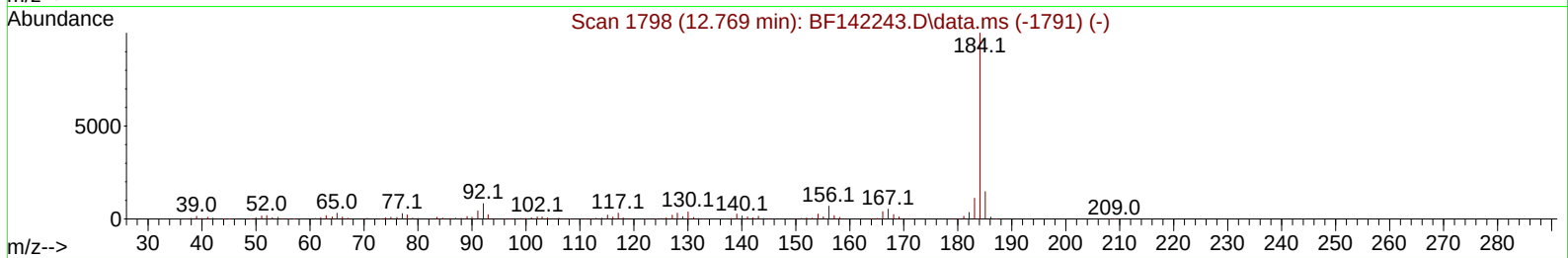
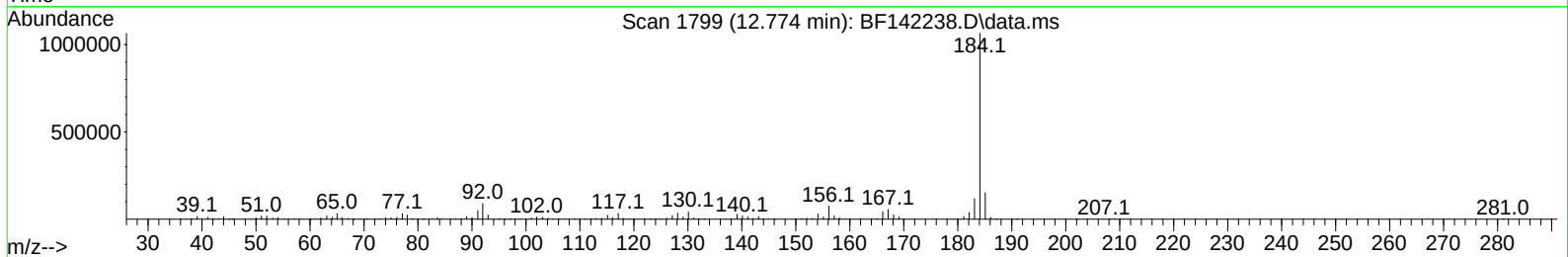
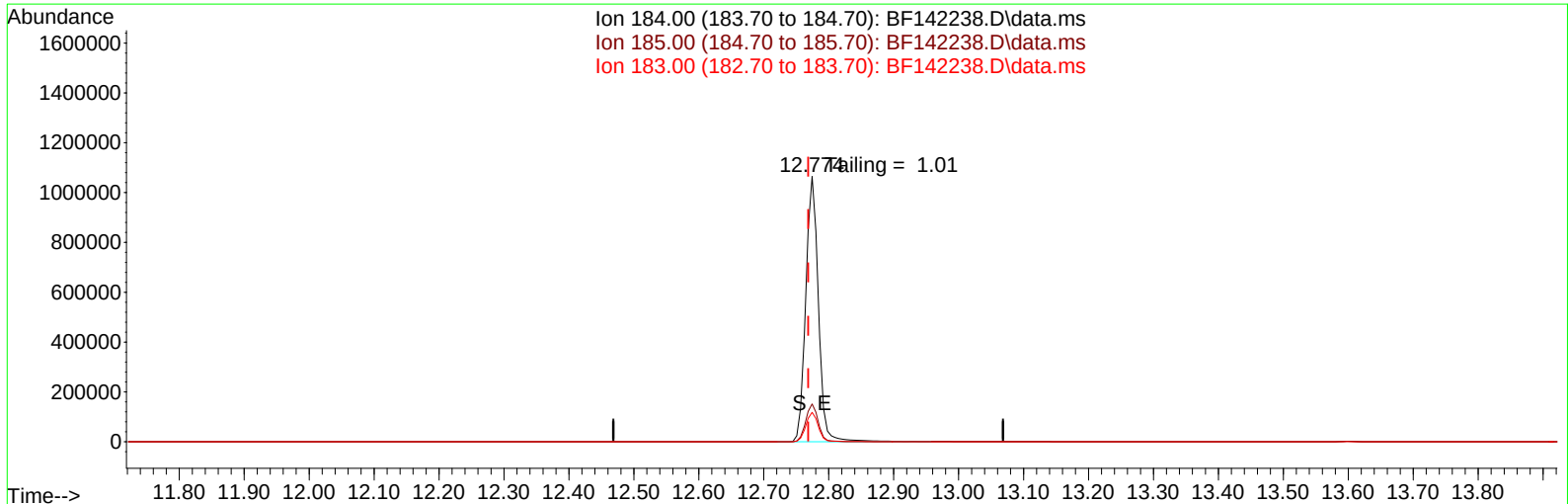
response 180630

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	63.39
264.00	61.60	62.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142238.D
Acq On : 30 Apr 2025 10:55
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Apr 30 16:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142238.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 97416.22 ng

response 1440496

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.25
183.00	11.10	11.10
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/30/2025	BNA_F	<u>BF142238.D</u>
Compound Name	Response	Retention Time
DDT	378546	13.598
DDD	2841	13.333
DDE	0	12.904
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2841	381387	0.74

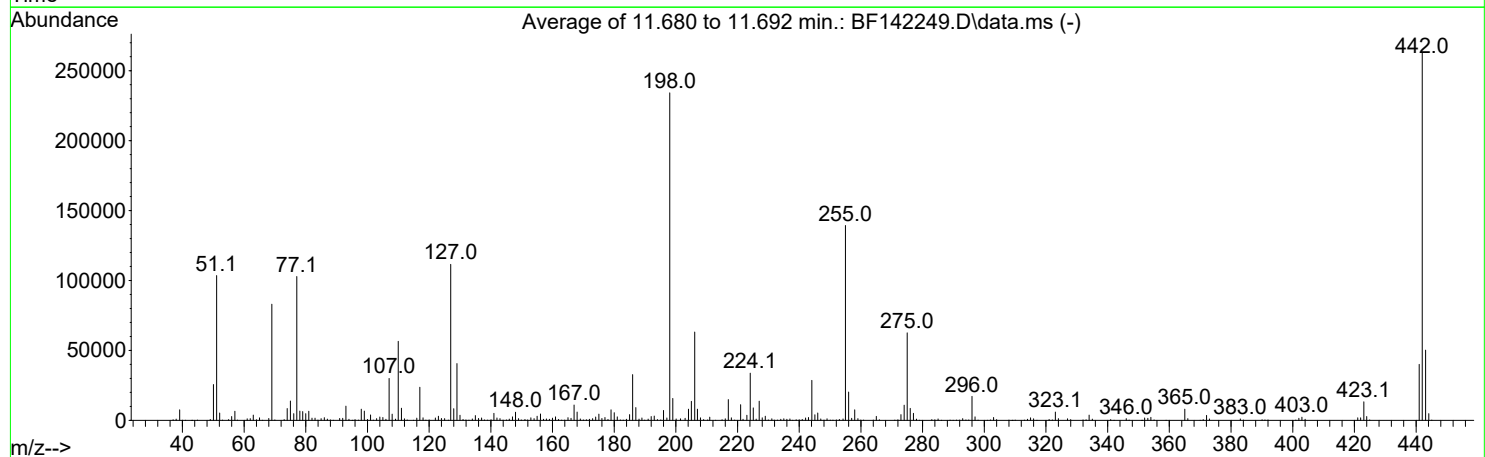
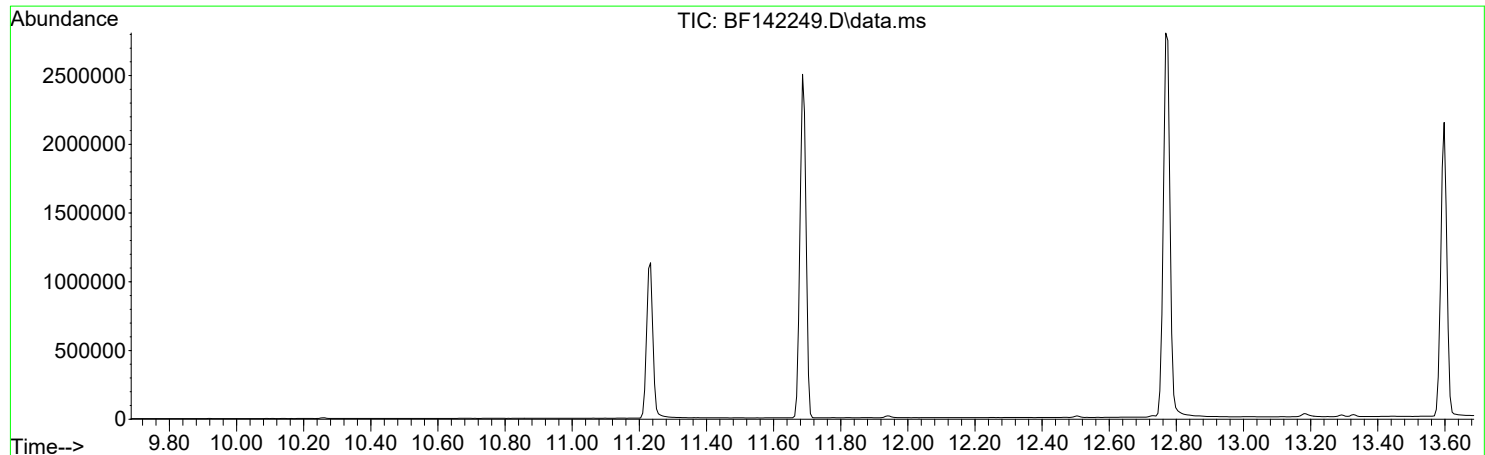
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
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-BF043025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Apr 30 16:00:01 2025



AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.2	103579	PASS
68	69	0.00	2	1.6	1339	PASS
69	198	0.00	100	35.5	83059	PASS
70	69	0.00	2	0.5	413	PASS
127	198	10	80	47.7	111579	PASS
197	198	0.00	2	0.7	1704	PASS
198	198	100	100	100.0	234155	PASS
199	198	5	9	6.7	15632	PASS
275	198	10	60	26.7	62555	PASS
365	198	1	100	3.4	8074	PASS
441	198	0.01	100	17.1	40008	PASS
442	442	50	100	100.0	263019	PASS
443	442	15	24	19.1	50208	PASS

DDT Breakdown

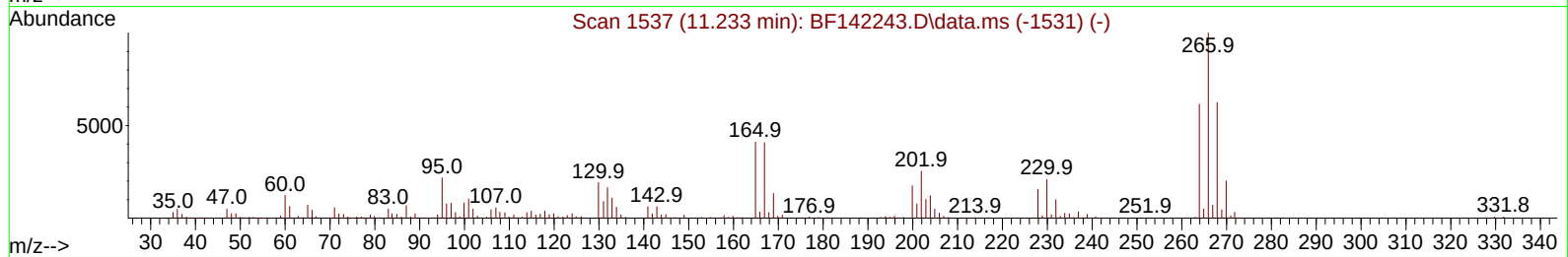
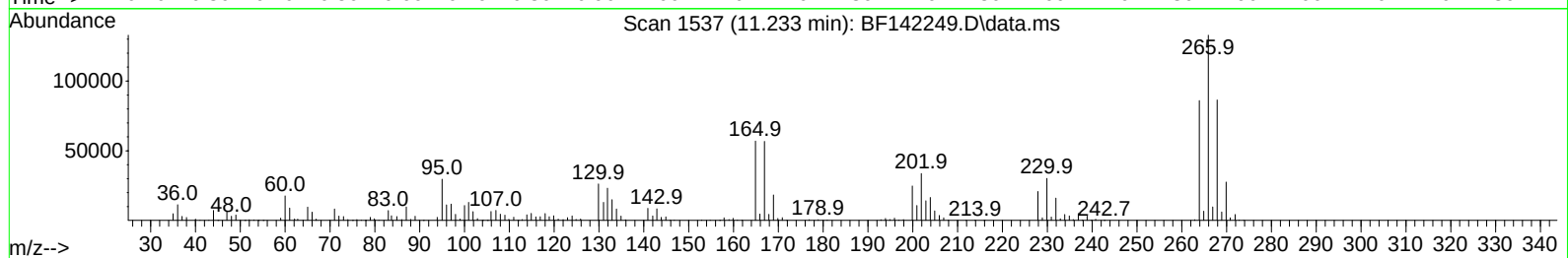
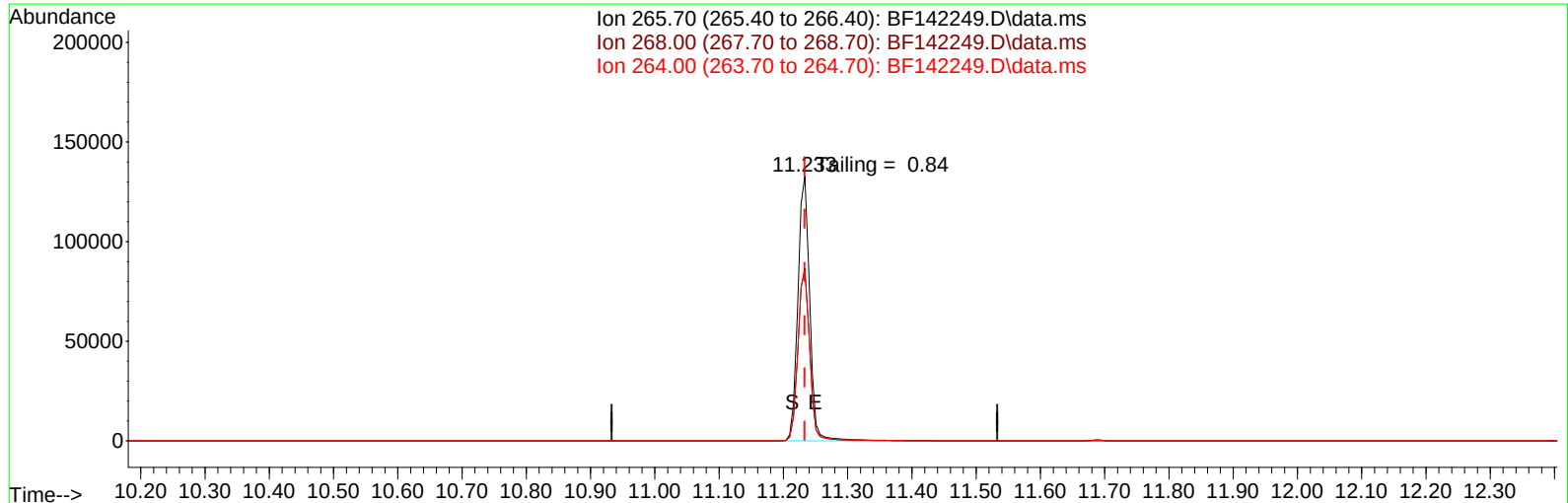
Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_F	<u>BF142249.D</u>
Compound Name	Response	Retention Time
DDT	427368	13.598
DDD	6172	13.327
DDE	0	12.904
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6172	433540	1.42

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142249.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 113470.87 ng

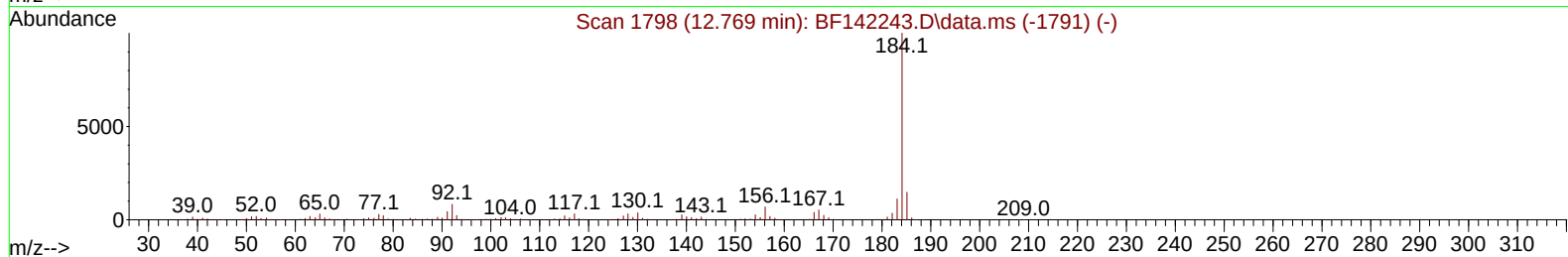
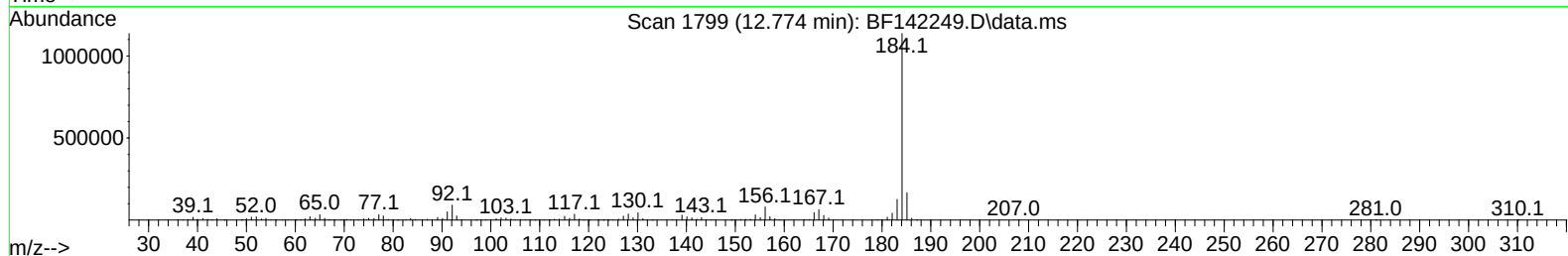
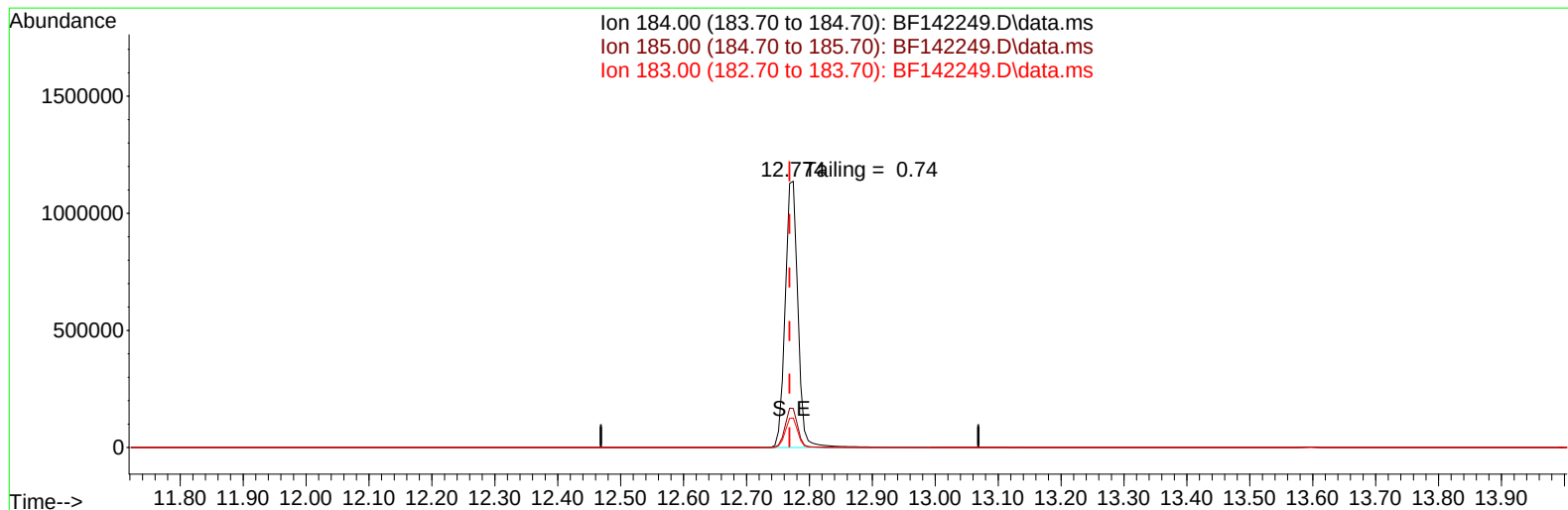
response 170474

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.50	65.06
264.00	61.60	64.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142249.D
Acq On : 01 May 2025 09:48
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 01 12:00:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



TIC: BF142249.D\data.ms

(77) Benzidine

12.774min (+ 0.006) 156734.40 ng

response 1611689

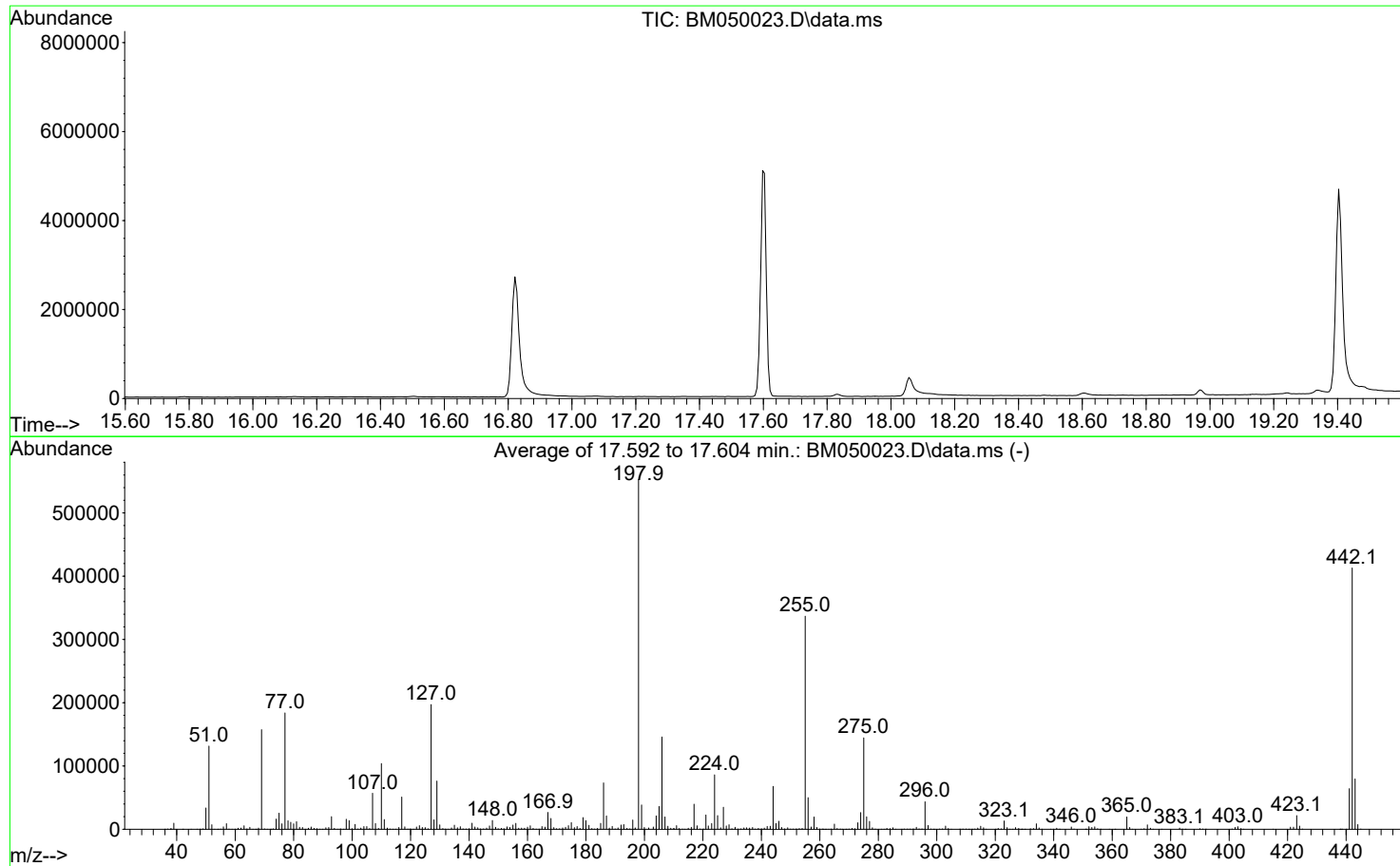
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.68
183.00	11.10	11.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

DDT Breakdown

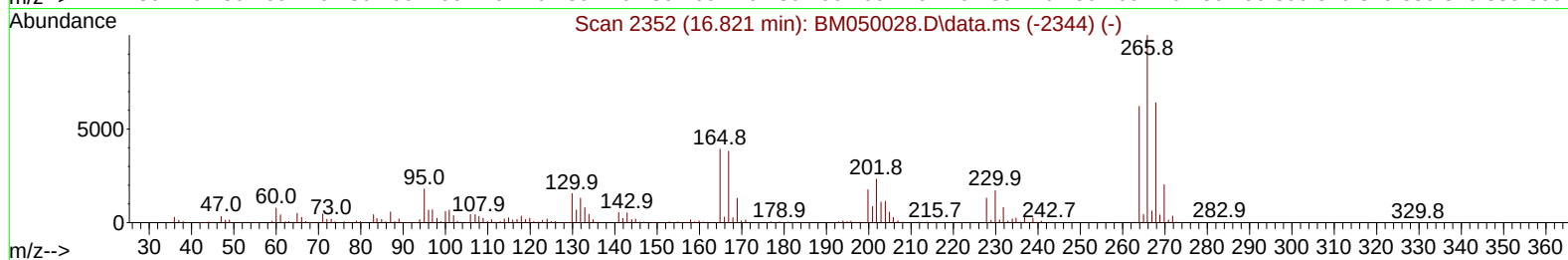
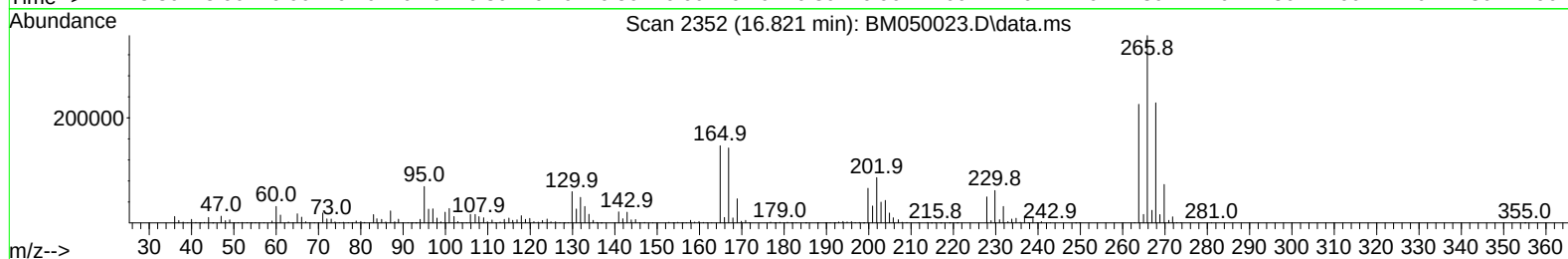
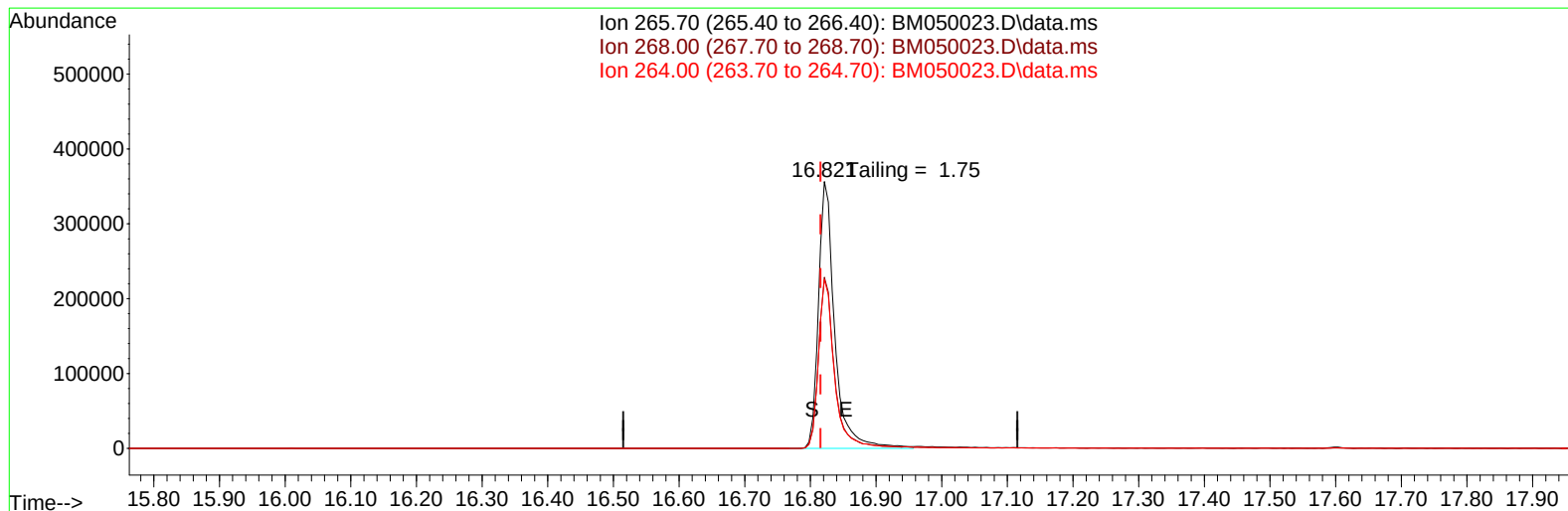
Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	<u>BM050023.D</u>
Compound Name	Response	Retention Time
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
18951	1997046	0.95

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

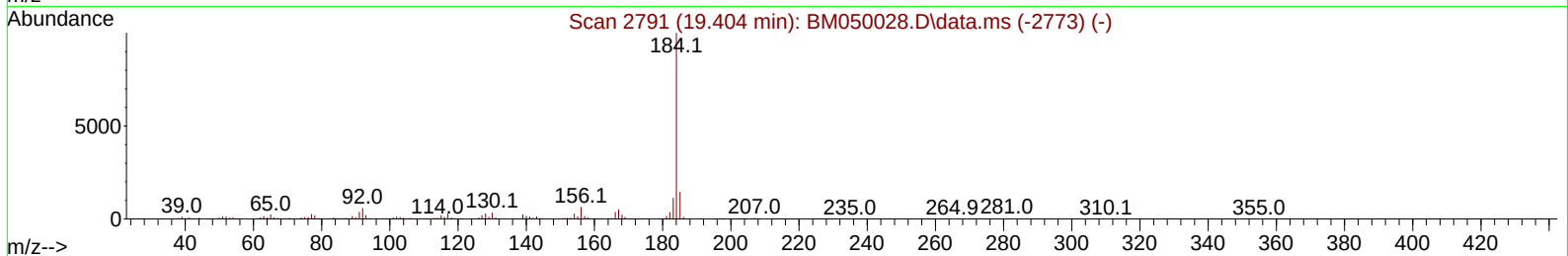
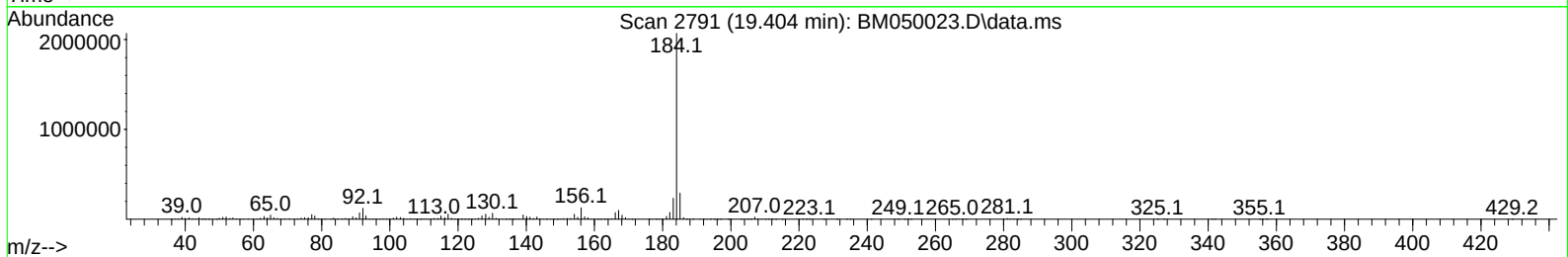
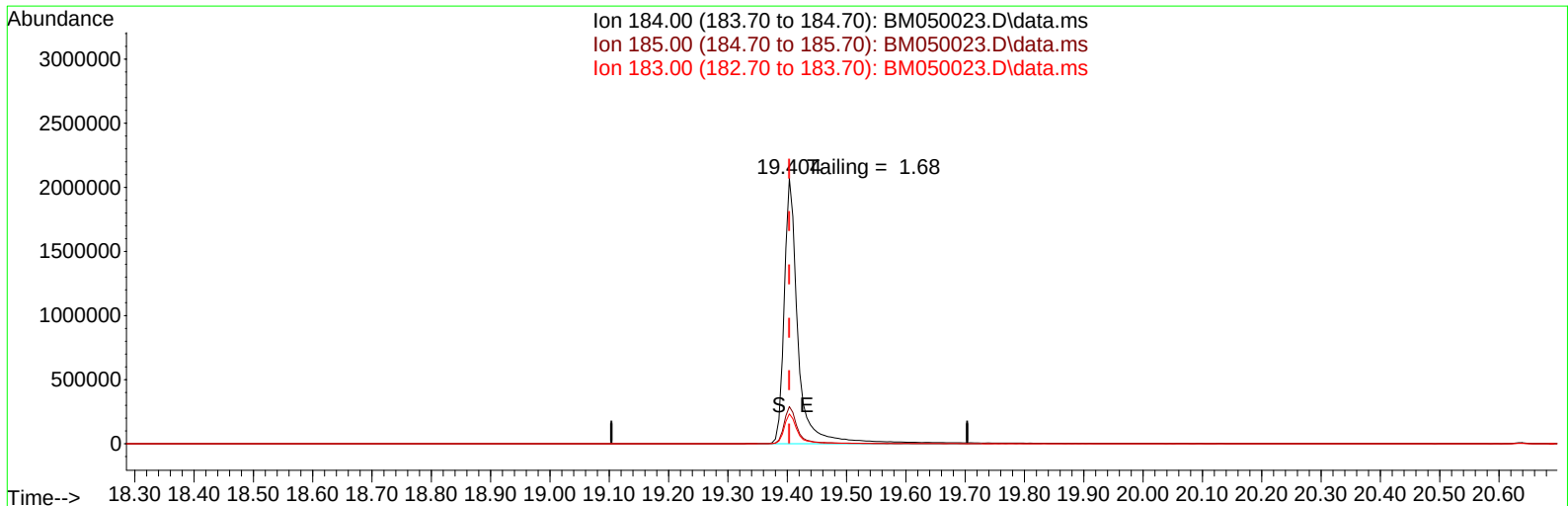
response 613835

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(77) Benzidine

19.404min (+ 0.000) 1761877.84 ng

response 3412576

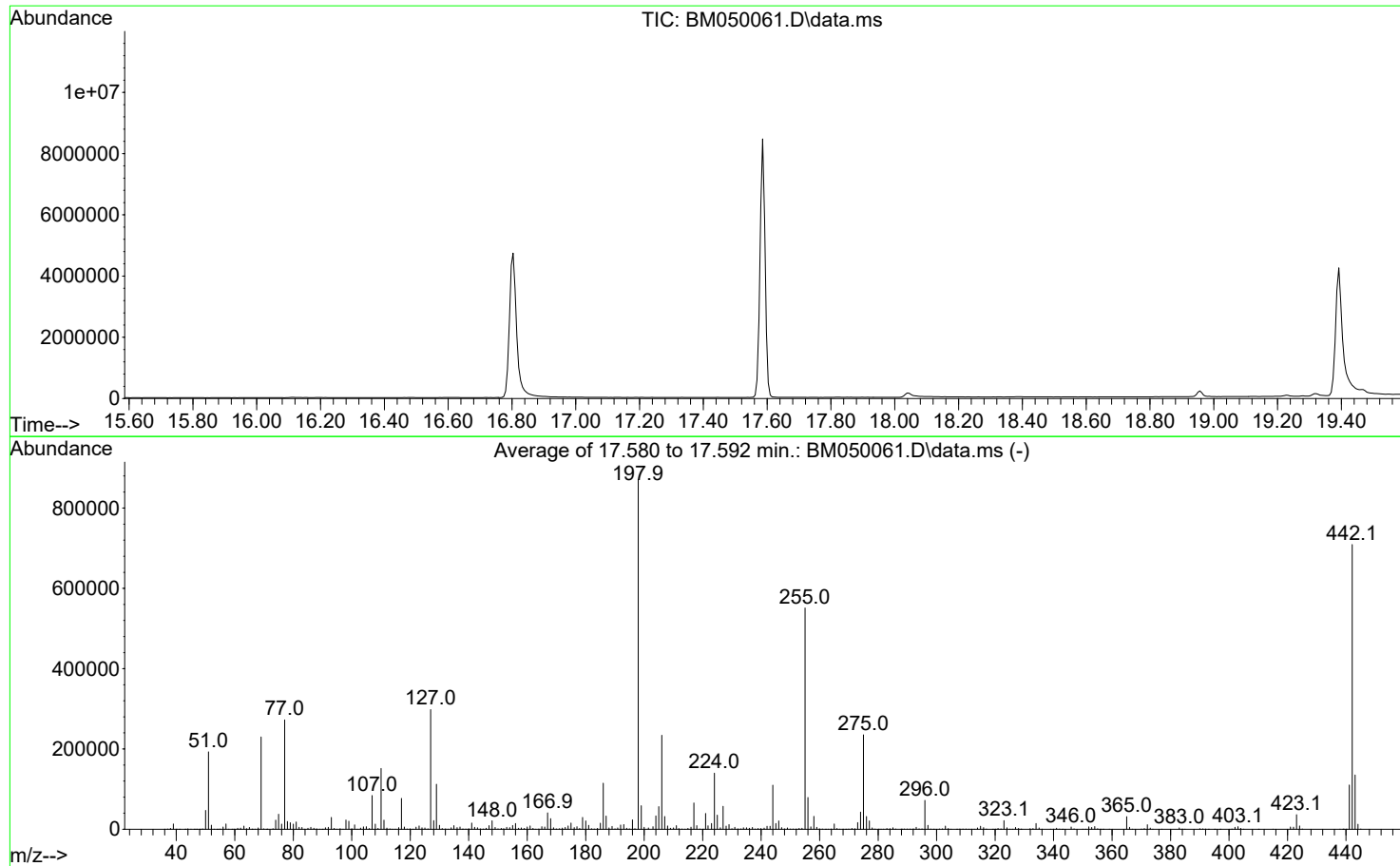
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2481, 2482, 2483; Background Corrected with Scan 2474

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	22.1	192815	PASS
68	69	0.00	2	1.5	3449	PASS
69	198	0.00	100	26.4	230047	PASS
70	69	0.00	2	0.4	961	PASS
127	198	10	80	34.3	298304	PASS
197	198	0.00	2	0.2	1539	PASS
198	198	100	100	100.0	870933	PASS
199	198	5	9	6.7	58768	PASS
275	198	10	60	27.0	235264	PASS
365	198	1	100	3.6	31597	PASS
441	198	0.01	100	12.6	110144	PASS
442	442	50	100	100.0	709184	PASS
443	442	15	24	19.1	135272	PASS

DDT Breakdown

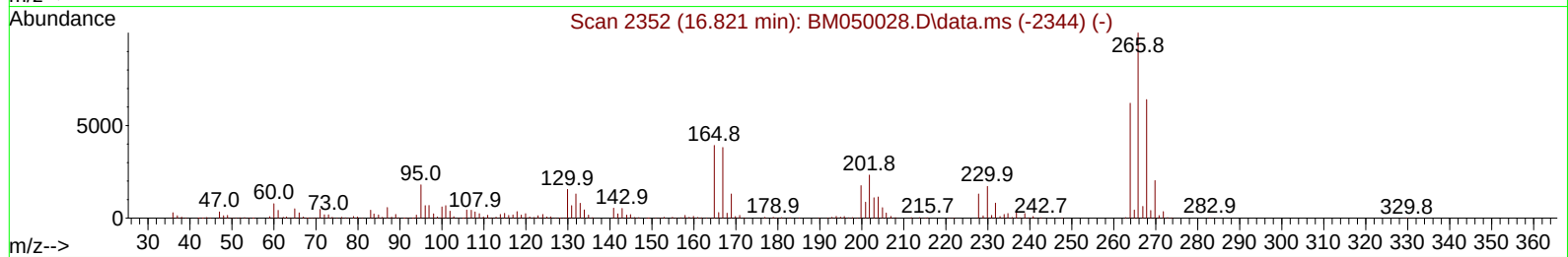
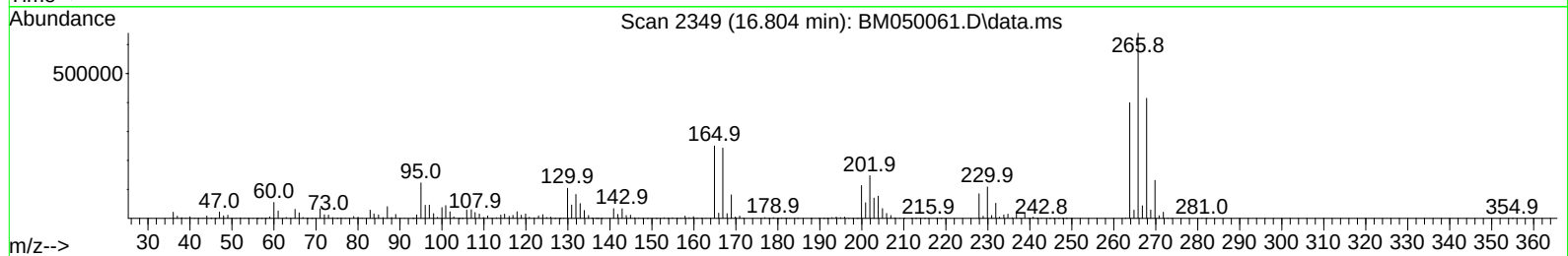
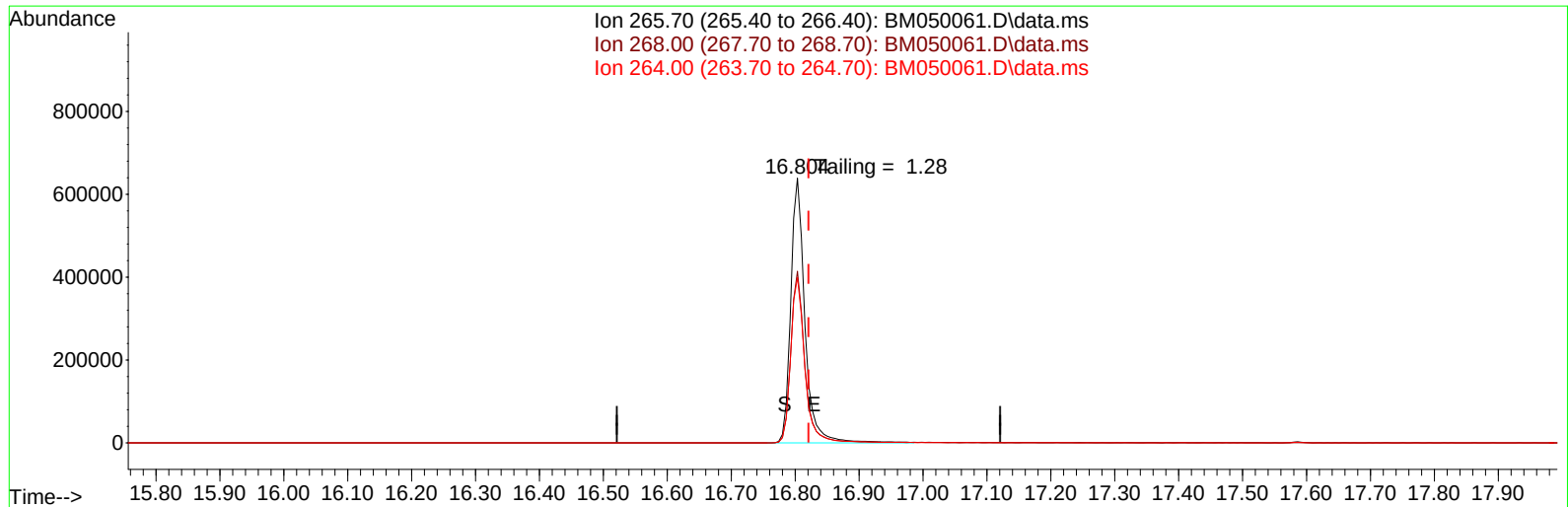
Date	Instrument Name	DFTPP Data File
5/1/2025	BNA_M	<u>BM050061.D</u>
Compound Name	Response	Retention Time
DDT	2747273	20.621
DDD	53335	20.186
DDE	3538	19.68
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
56873	2804146	2.03

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 01 13:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050061.D\data.ms

(70) Pentachlorophenol (C)

16.804min (-0.017) 298828.62 ng

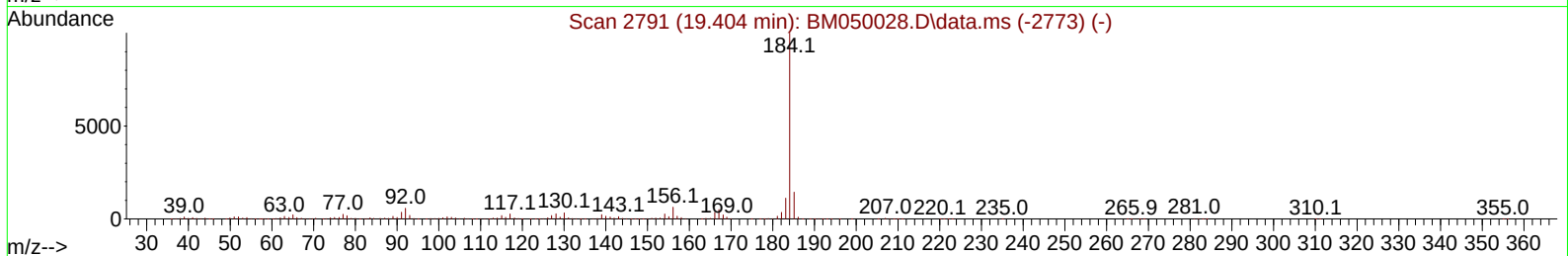
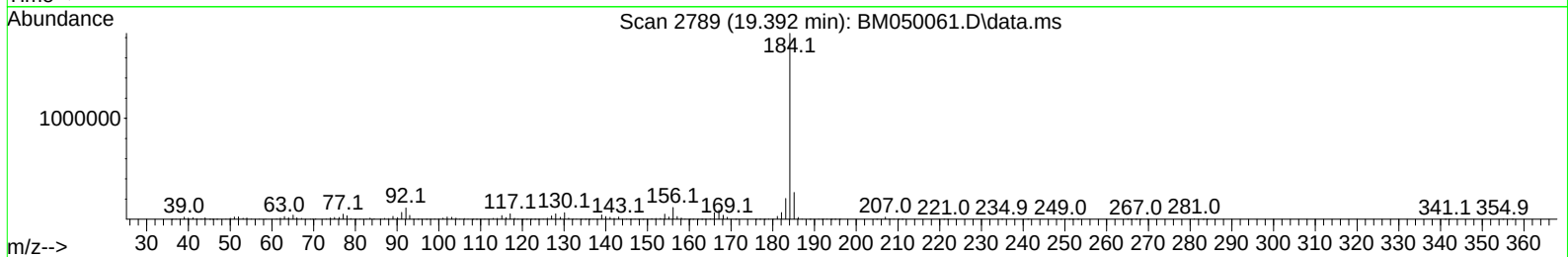
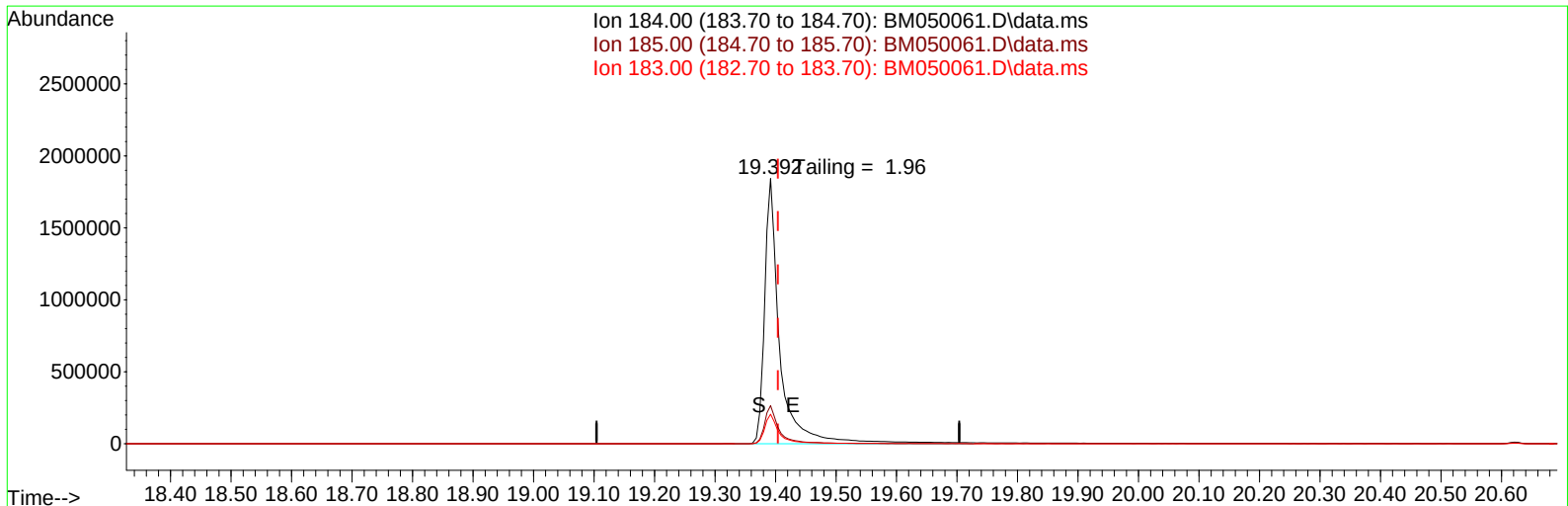
response 984778

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	64.86
264.00	62.00	62.48
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050061.D
Acq On : 01 May 2025 12:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 01 13:23:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



TIC: BM050061.D\data.ms

(77) Benzidine

19.392min (-0.012) 77464.20 ng

response 3260623

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.41
183.00	11.10	11.16
0.00	0.00	0.00

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167779BL	SDG No.:	Q1903
Lab Sample ID:	PB167779BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050063.D	1	04/29/25 09:30	05/01/25 14:04	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	87.4		18 - 107	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		20 - 109	88%	SPK: 100
1718-51-0	Terphenyl-d14	106	*	10 - 105	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	362000	7.751			
1146-65-2	Naphthalene-d8	1210000	10.545			
15067-26-2	Acenaphthene-d10	721000	14.398			
1517-22-2	Phenanthrene-d10	1340000	17.145			
1719-03-5	Chrysene-d12	1130000	21.386			
1520-96-3	Perylene-d12	1130000	24.374			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167779BL	SDG No.:	Q1903
Lab Sample ID:	PB167779BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050063.D	1	04/29/25 09:30	05/01/25 14:04	PB167779

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_M\Data\BM050125\
Data File : BM050063.D
Acq On : 01 May 2025 14:04
Operator : RC/JU
Sample : PB167779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Quant Time: May 01 14:50:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	362102	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	1207361	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	720688	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1342353	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1132572	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1130011	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2945826	142.456	ng	0.00
7) Phenol-d6	6.940	99	3469180	133.478	ng	-0.01
23) Nitrobenzene-d5	8.910	82	2142058	87.425	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1478724	138.765	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	5379270	88.299	ng	-0.02
79) Terphenyl-d14	19.768	244	8132476	106.253	ng	-0.01

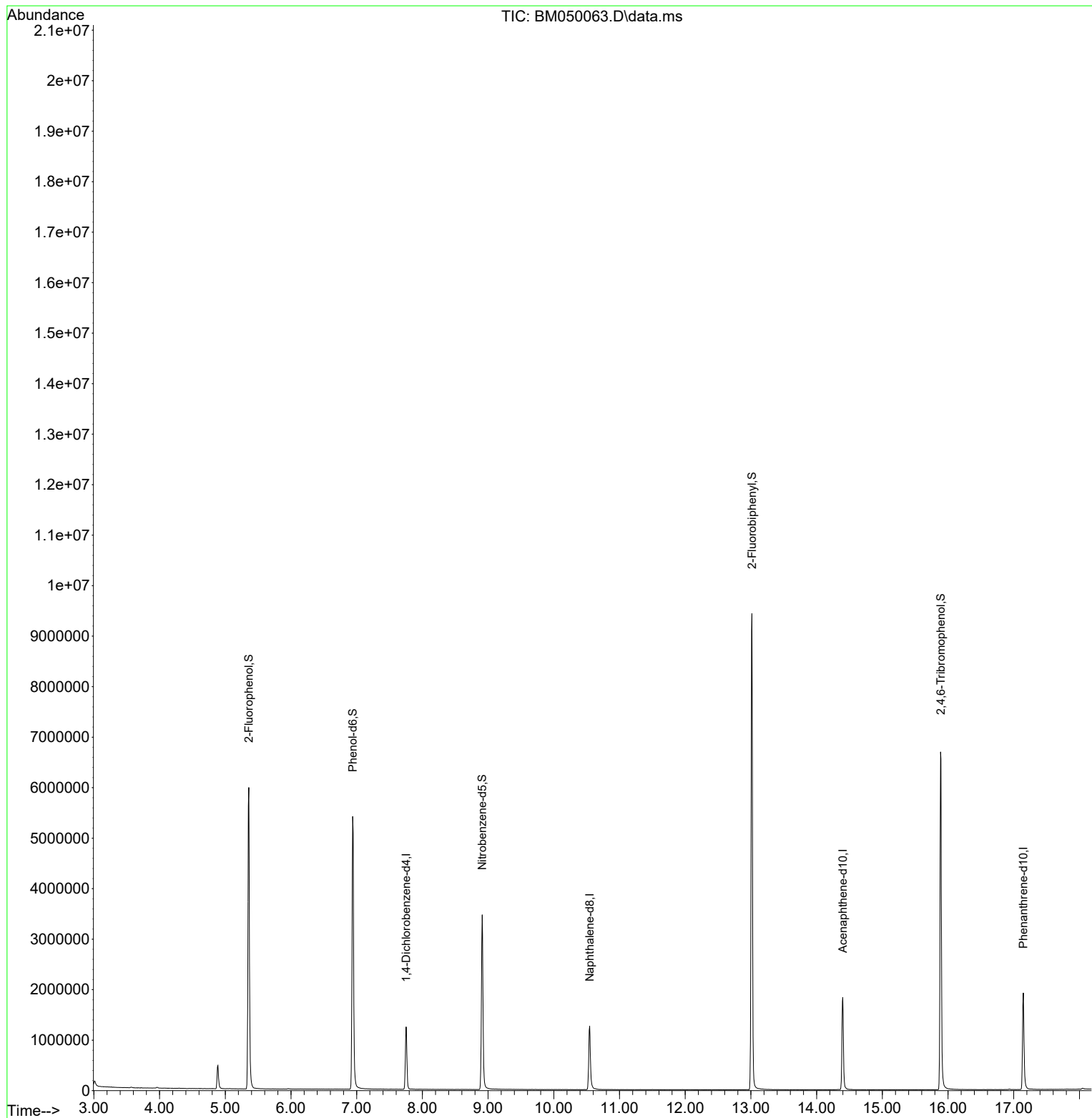
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050063.D
Acq On : 01 May 2025 14:04
Operator : RC/JU
Sample : PB167779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167779BL

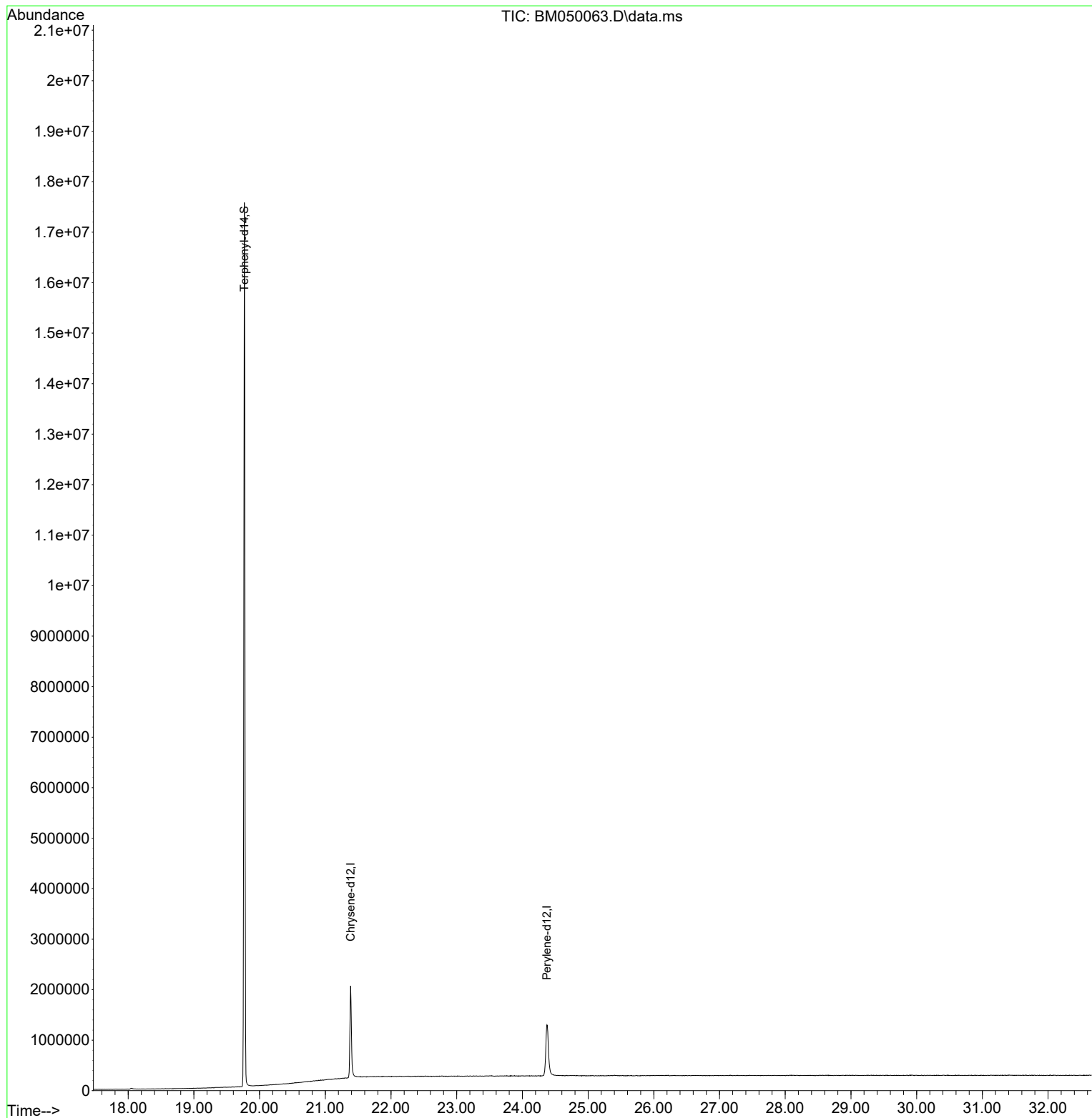
Quant Time: May 01 14:50:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

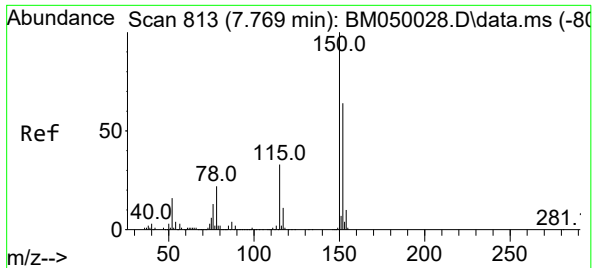


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050063.D
Acq On : 01 May 2025 14:04
Operator : RC/JU
Sample : PB167779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167779BL

Quant Time: May 01 14:50:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

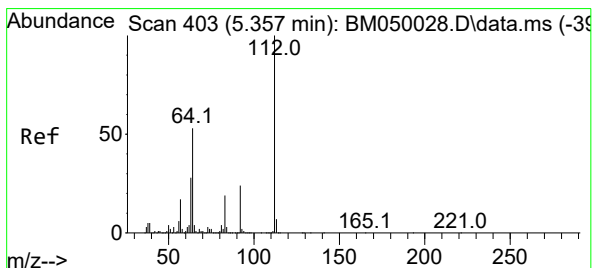
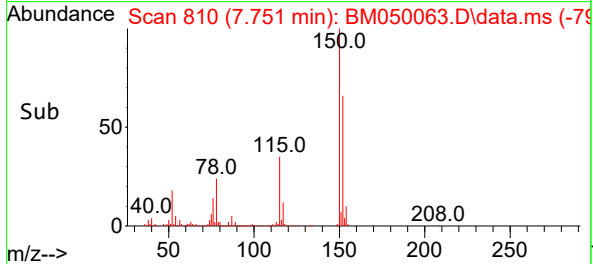
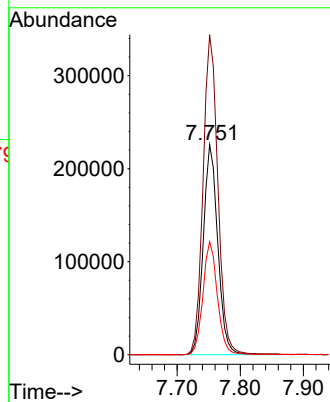
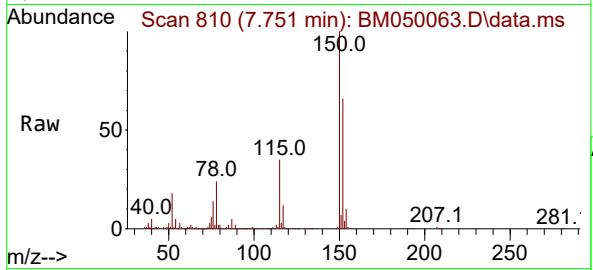




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 813
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

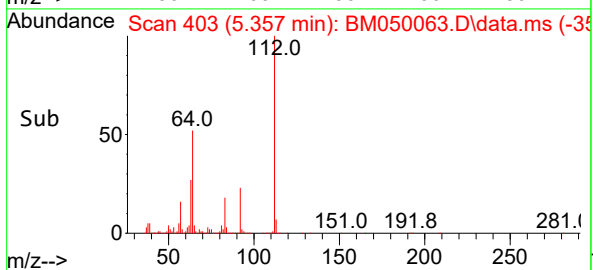
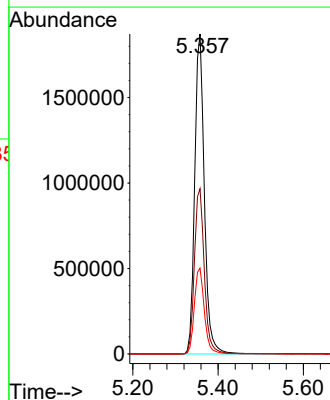
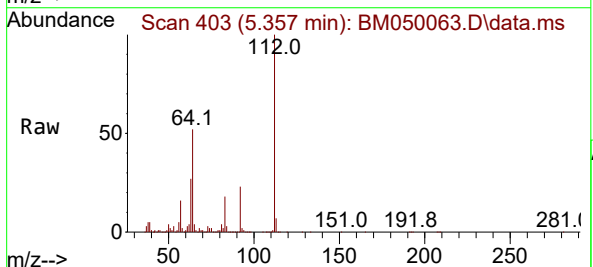
Instrument :
BNA_M
ClientSampleId :
PB167779BL

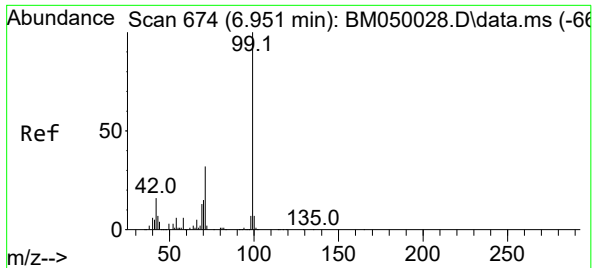
Tgt Ion:152 Resp: 362102
Ion Ratio Lower Upper
152 100
150 152.4 124.1 186.1
115 53.8 41.2 61.8



#5
2-Fluorophenol
Concen: 142.456 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:112 Resp: 2945826
Ion Ratio Lower Upper
112 100
64 51.7 42.6 64.0
63 26.8 22.2 33.4

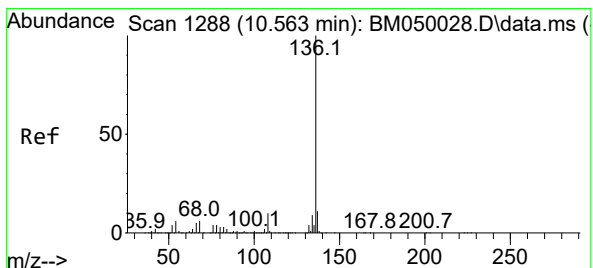
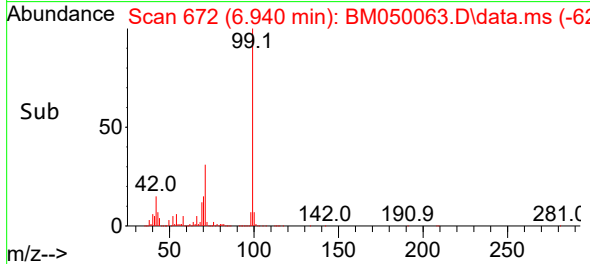
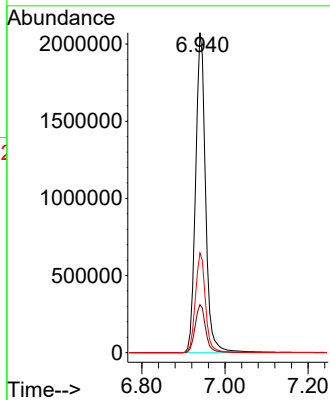
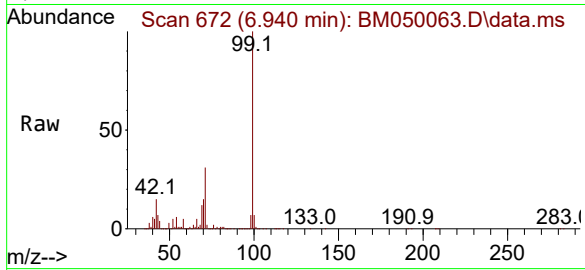




#7
Phenol-d6
Concen: 133.478 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

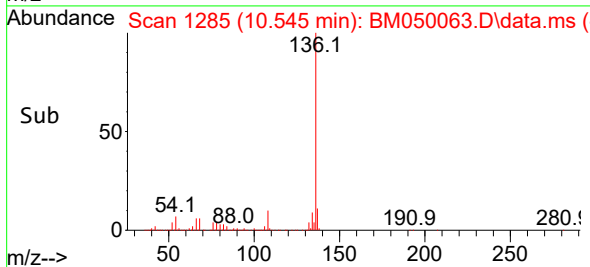
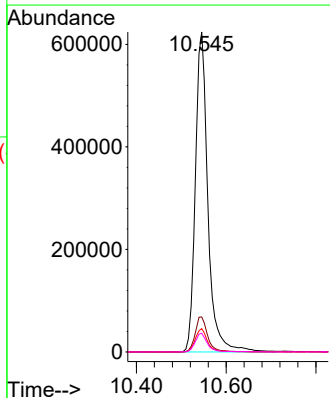
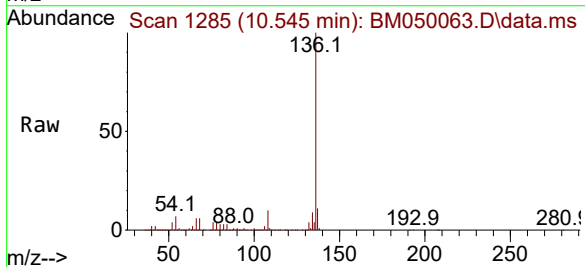
Instrument :
BNA_M
ClientSampleId :
PB167779BL

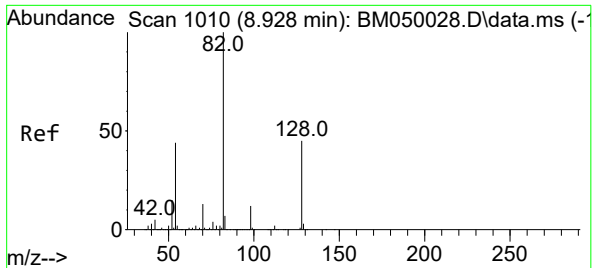
Tgt Ion: 99 Resp: 3469180
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion: 136 Resp: 1207361
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 5.1 7.7
68 5.9 4.4 6.6

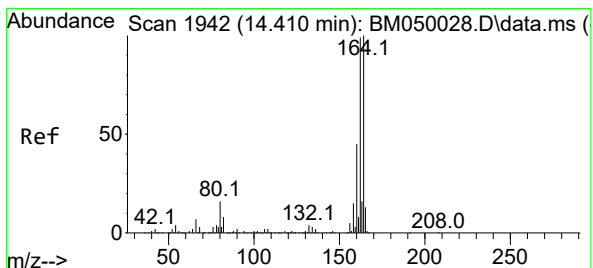
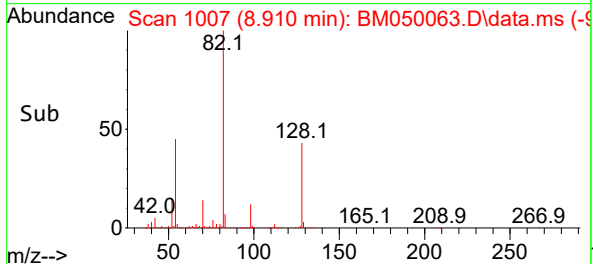
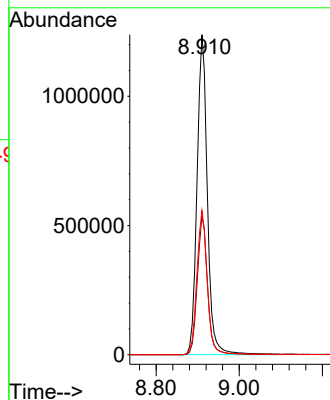
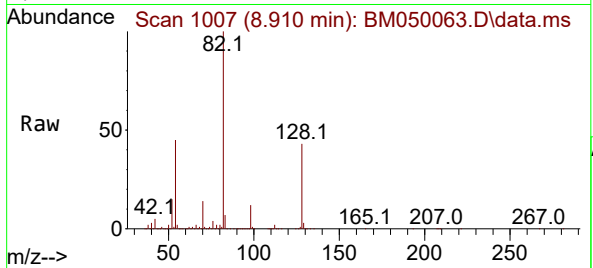




#23
Nitrobenzene-d5
Concen: 87.425 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

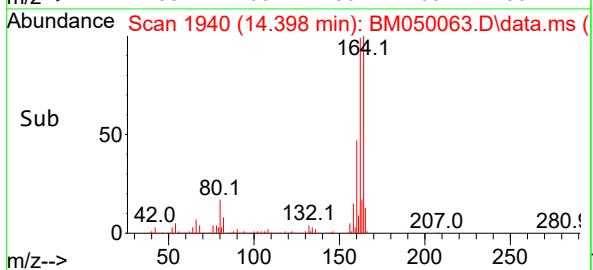
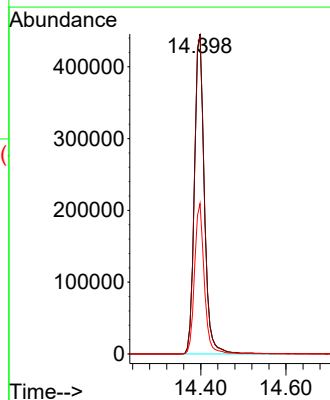
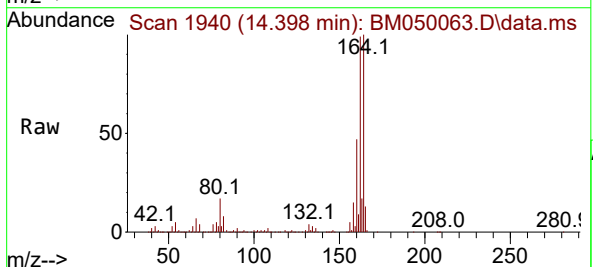
Instrument :
BNA_M
ClientSampleId :
PB167779BL

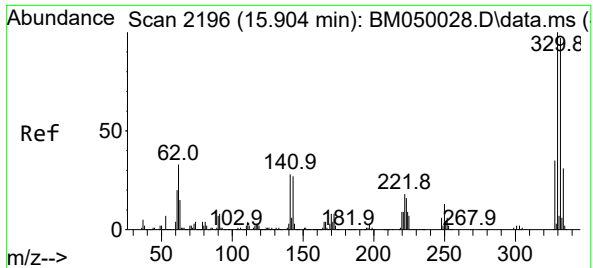
Tgt Ion: 82 Resp: 2142058
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 45.0 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

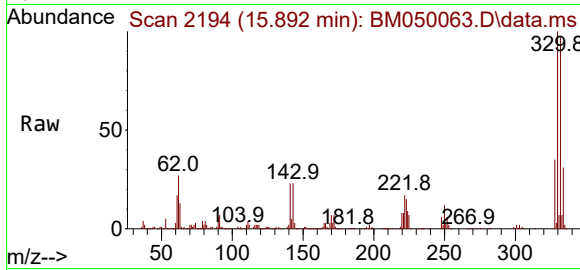
Tgt Ion: 164 Resp: 720688
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 47.0 36.2 54.4



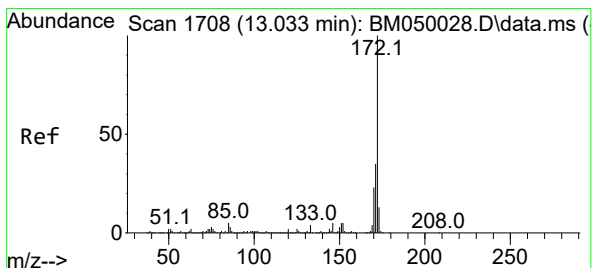
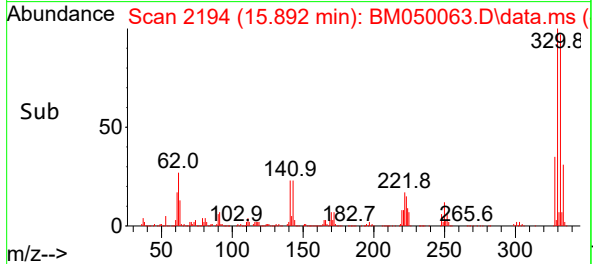
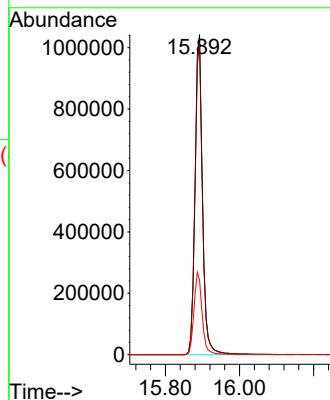


#42
2,4,6-Tribromophenol
Concen: 138.765 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Instrument :
BNA_M
ClientSampleId :
PB167779BL

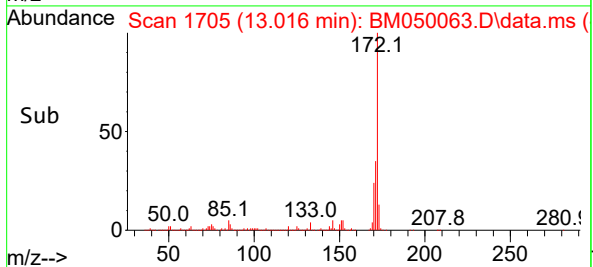
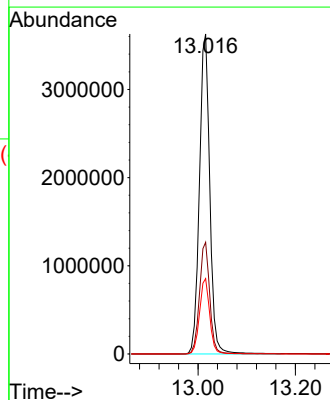
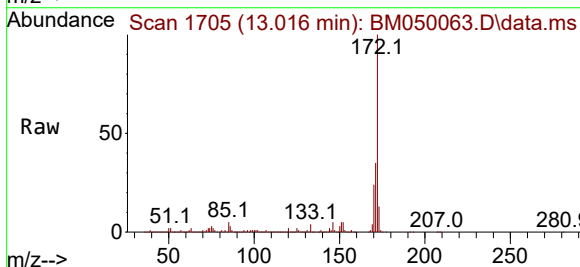


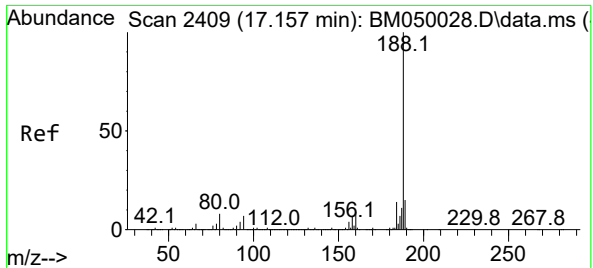
Tgt Ion:330 Resp: 1478724
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 27.8 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 88.299 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:172 Resp: 5379270
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.6 18.6 28.0

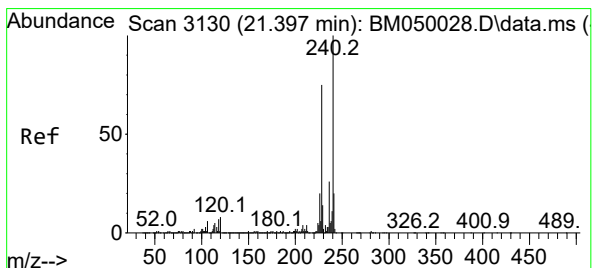
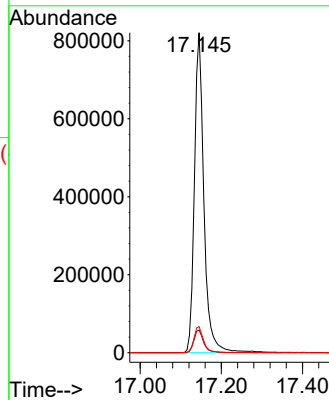
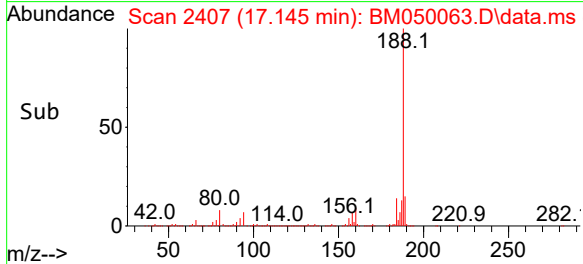
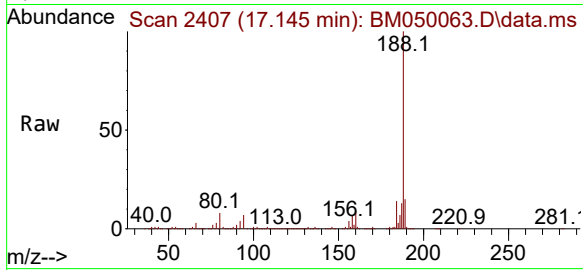




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2409
Delta R.T. -0.012 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

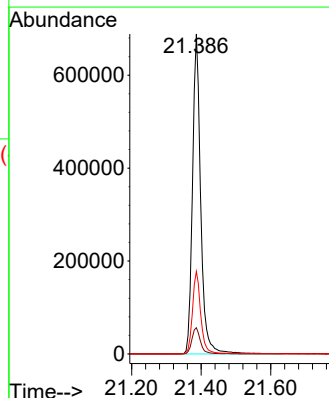
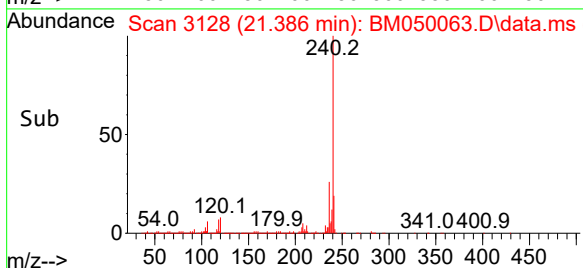
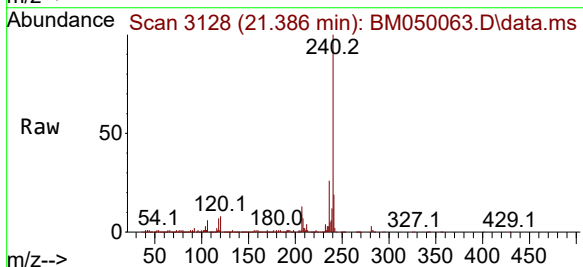
Instrument :
BNA_M
ClientSampleId :
PB167779BL

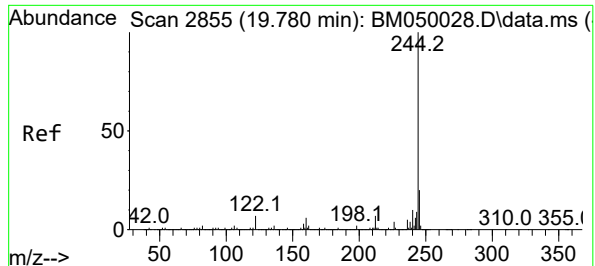
Tgt Ion:188 Resp: 1342353
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050063.D
Acq: 01 May 2025 14:04

Tgt Ion:240 Resp: 1132572
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 106.253 ng

RT: 19.768 min Scan# 2

Delta R.T. -0.012 min

Lab File: BM050063.D

Acq: 01 May 2025 14:04

Instrument :

BNA_M

ClientSampleId :

PB167779BL

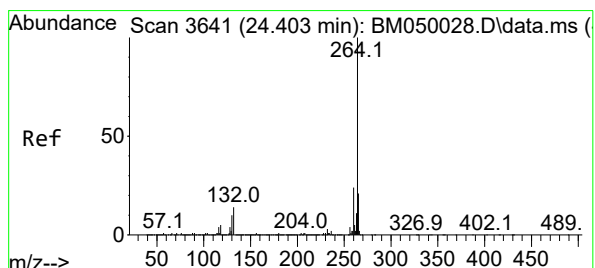
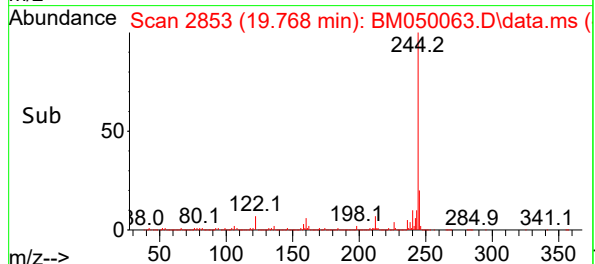
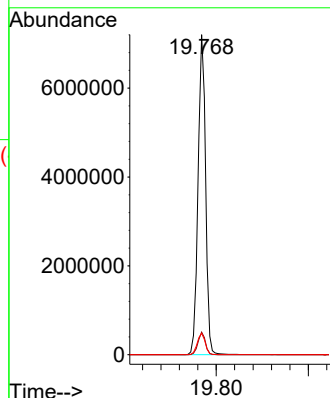
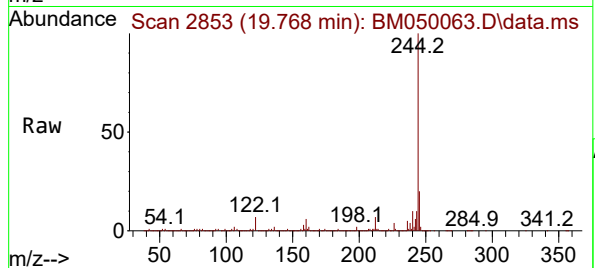
Tgt Ion:244 Resp: 8132476

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BM050063.D

Acq: 01 May 2025 14:04

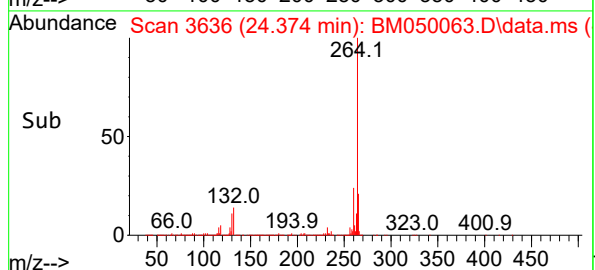
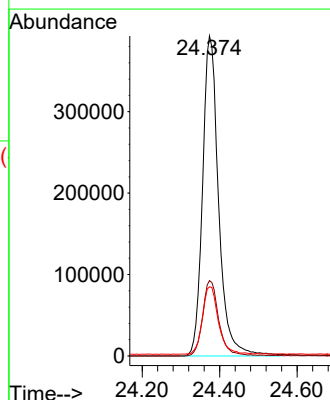
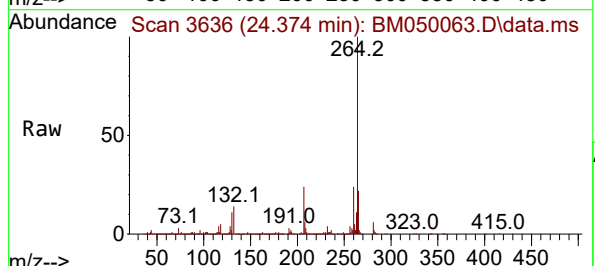
Tgt Ion:264 Resp: 1130011

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.0 25.4



Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167779BS	SDG No.:	Q1903
Lab Sample ID:	PB167779BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050064.D	1	04/29/25 09:30	05/01/25 14:43	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1600		33.3	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1600		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	86.4		18 - 107	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.2		20 - 109	87%	SPK: 100
1718-51-0	Terphenyl-d14	88.8		10 - 105	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	339000	7.751			
1146-65-2	Naphthalene-d8	1130000	10.545			
15067-26-2	Acenaphthene-d10	665000	14.392			
1517-22-2	Phenanthrene-d10	1230000	17.139			
1719-03-5	Chrysene-d12	1220000	21.38			
1520-96-3	Perylene-d12	1100000	24.374			

Report of Analysis

Client:	Kleinfelder	Date Collected:	
Project:	Mitchell School	Date Received:	
Client Sample ID:	PB167779BS	SDG No.:	Q1903
Lab Sample ID:	PB167779BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050064.D	1	04/29/25 09:30	05/01/25 14:43	PB167779

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_M\Data\BM050125\
 Data File : BM050064.D
 Acq On : 01 May 2025 14:43
 Operator : RC/JU
 Sample : PB167779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167779BS

Quant Time: May 01 15:24:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	339452	20.000	ng	-0.02
21) Naphthalene-d8	10.545	136	1125326	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	664515	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1227379	20.000	ng	-0.02
76) Chrysene-d12	21.380	240	1219126	20.000	ng	-0.02
86) Perylene-d12	24.374	264	1104893	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2750867	141.904	ng	0.00
7) Phenol-d6	6.945	99	3291918	135.109	ng	0.00
23) Nitrobenzene-d5	8.910	82	1972634	86.379	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1401142	142.599	ng	-0.01
45) 2-Fluorobiphenyl	13.016	172	4900655	87.243	ng	-0.02
79) Terphenyl-d14	19.768	244	7315200	88.790	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	324106	38.993	ng	96
3) Pyridine	3.657	79	906904	42.466	ng	96
4) n-Nitrosodimethylamine	3.575	42	376694	44.973	ng	98
6) Aniline	7.087	93	675837	21.967	ng	99
8) 2-Chlorophenol	7.328	128	919150	43.853	ng	98
9) Benzaldehyde	6.898	77	434002	26.618	ng	96
10) Phenol	6.969	94	1124630	45.595	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	902546	43.821	ng	98
12) 1,3-Dichlorobenzene	7.645	146	1101376	43.500	ng	100
13) 1,4-Dichlorobenzene	7.787	146	1110518	43.660	ng	99
14) 1,2-Dichlorobenzene	8.104	146	1056435	42.997	ng	99
15) Benzyl Alcohol	7.998	79	729976	43.202	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1110403	44.352	ng	99
17) 2-Methylphenol	8.210	107	698651	42.996	ng	99
18) Hexachloroethane	8.828	117	399371	44.169	ng	98
19) n-Nitroso-di-n-propyla...	8.563	70	598312	38.288	ng	99
20) 3+4-Methylphenols	8.539	107	929313	42.350	ng	98
22) Acetophenone	8.575	105	1305356	46.657	ng	# 98
24) Nitrobenzene	8.951	77	942517	47.731	ng	97
25) Isophorone	9.481	82	1687587	43.352	ng	98
26) 2-Nitrophenol	9.663	139	465611	46.156	ng	97
27) 2,4-Dimethylphenol	9.733	122	749898	44.825	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1082910	45.008	ng	100
29) 2,4-Dichlorophenol	10.210	162	843978	45.032	ng	100
30) 1,2,4-Trichlorobenzene	10.410	180	1032540	45.219	ng	100
31) Naphthalene	10.592	128	2566661	45.037	ng	100
32) Benzoic acid	9.910	122	450544	42.109	ng	99
33) 4-Chloroaniline	10.716	127	427099	18.284	ng	99
34) Hexachlorobutadiene	10.880	225	660379	45.561	ng	99
35) Caprolactam	11.510	113	210388	38.500	ng	87
36) 4-Chloro-3-methylphenol	11.851	107	726282	41.945	ng	98
37) 2-Methylnaphthalene	12.210	142	1639055	42.898	ng	99
38) 1-Methylnaphthalene	12.427	142	1716193	42.443	ng	99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1141673	49.630	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1541222	109.633	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	691076	47.365	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
 Data File : BM050064.D
 Acq On : 01 May 2025 14:43
 Operator : RC/JU
 Sample : PB167779BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167779BS

Quant Time: May 01 15:24:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

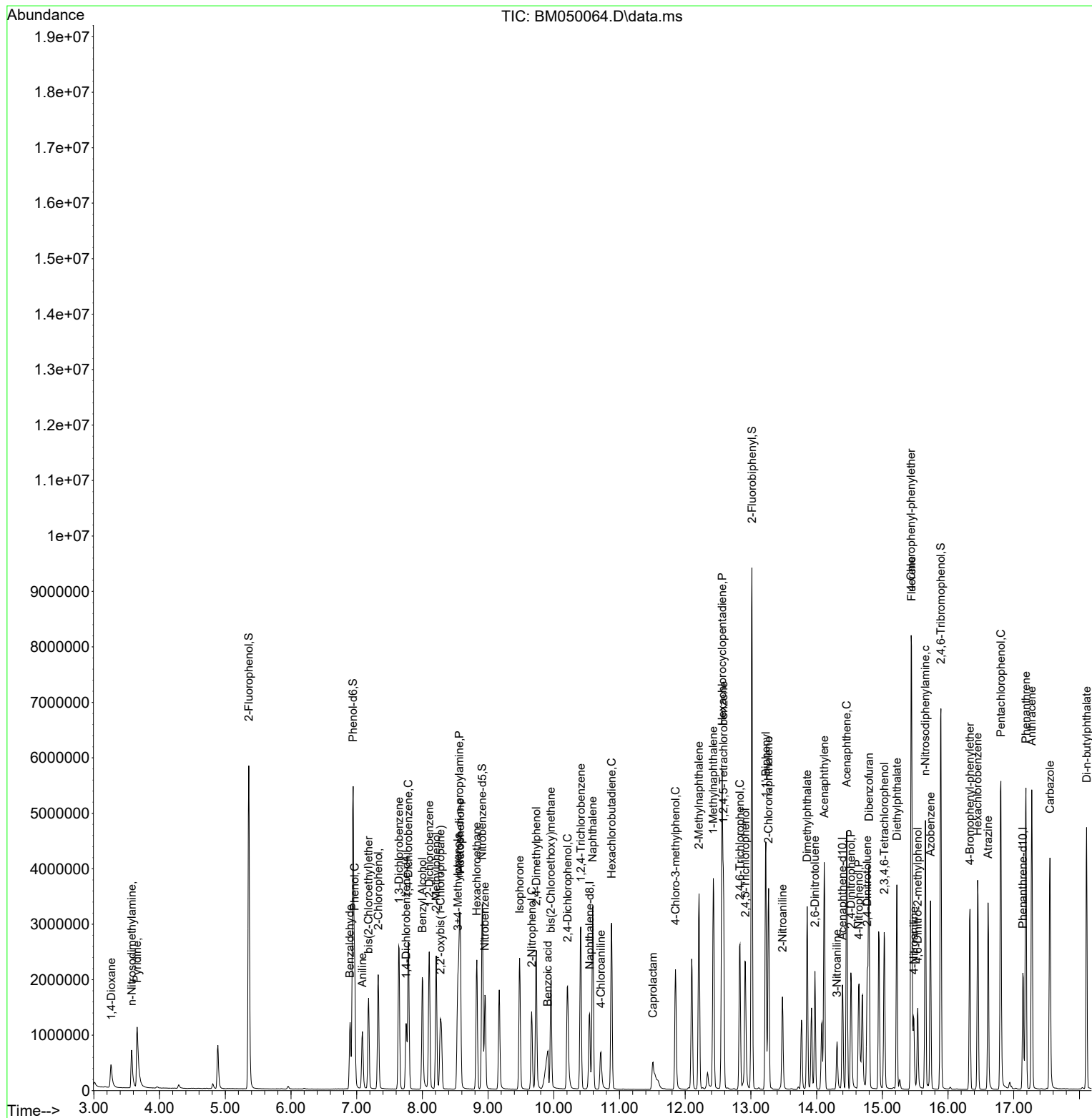
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	737586	46.880	ng	98
46) 1,1'-Biphenyl	13.227	154	2329469	47.158	ng	99
47) 2-Chloronaphthalene	13.269	162	1832486	46.840	ng	100
48) 2-Nitroaniline	13.480	65	446033	48.577	ng	95
49) Acenaphthylene	14.116	152	2817647	45.679	ng	99
50) Dimethylphthalate	13.857	163	2112431	43.498	ng	100
51) 2,6-Dinitrotoluene	13.974	165	450148	44.769	ng	94
52) Acenaphthene	14.457	154	1642526	46.003	ng	100
53) 3-Nitroaniline	14.310	138	231684	24.135	ng	96
54) 2,4-Dinitrophenol	14.521	184	552700	85.470	ng	96
55) Dibenzofuran	14.798	168	2676911	45.062	ng	100
56) 4-Nitrophenol	14.645	139	707032	89.936	ng	95
57) 2,4-Dinitrotoluene	14.768	165	637054	45.852	ng	96
58) Fluorene	15.445	166	2269556	46.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	608729	44.697	ng	99
60) Diethylphthalate	15.221	149	1964047	42.921	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1254179	46.960	ng	100
62) 4-Nitroaniline	15.480	138	399199	43.102	ng	97
63) Azobenzene	15.733	77	1802713	47.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	354286	46.113	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1798532	47.719	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	695088	46.831	ng	97
68) Hexachlorobenzene	16.451	284	797047	46.587	ng	100
69) Atrazine	16.609	200	629300	46.289	ng	100
70) Pentachlorophenol	16.804	266	1076855	111.818	ng	99
71) Phenanthrene	17.186	178	3261083	47.108	ng	100
72) Anthracene	17.274	178	3324709	47.458	ng	100
73) Carbazole	17.551	167	2833553	46.612	ng	100
74) Di-n-butylphthalate	18.109	149	3296858	45.540	ng	100
75) Fluoranthene	19.203	202	3901183	48.000	ng	99
77) Benzidine	19.392	184	1303939	30.111	ng	100
78) Pyrene	19.568	202	4023852	47.002	ng	100
80) Butylbenzylphthalate	20.462	149	1409106	43.946	ng	91
81) Benzo(a)anthracene	21.368	228	3955177	47.112	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	796508	24.784	ng	100
83) Chrysene	21.427	228	3605282	46.400	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	2099844	43.844	ng	99
85) Di-n-octyl phthalate	22.409	149	3361210	42.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.756	276	3980042	48.344	ng	99
88) Benzo(b)fluoranthene	23.433	252	3519712	48.984	ng	100
89) Benzo(k)fluoranthene	23.491	252	3516759	48.385	ng	100
90) Benzo(a)pyrene	24.233	252	3256786	48.393	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	3276826	48.827	ng	99
92) Benzo(g,h,i)perylene	28.797	276	3068716	47.762	ng	99

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

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 ALS Vial : 4 Sample Multiplier: 1

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 PB167779BS

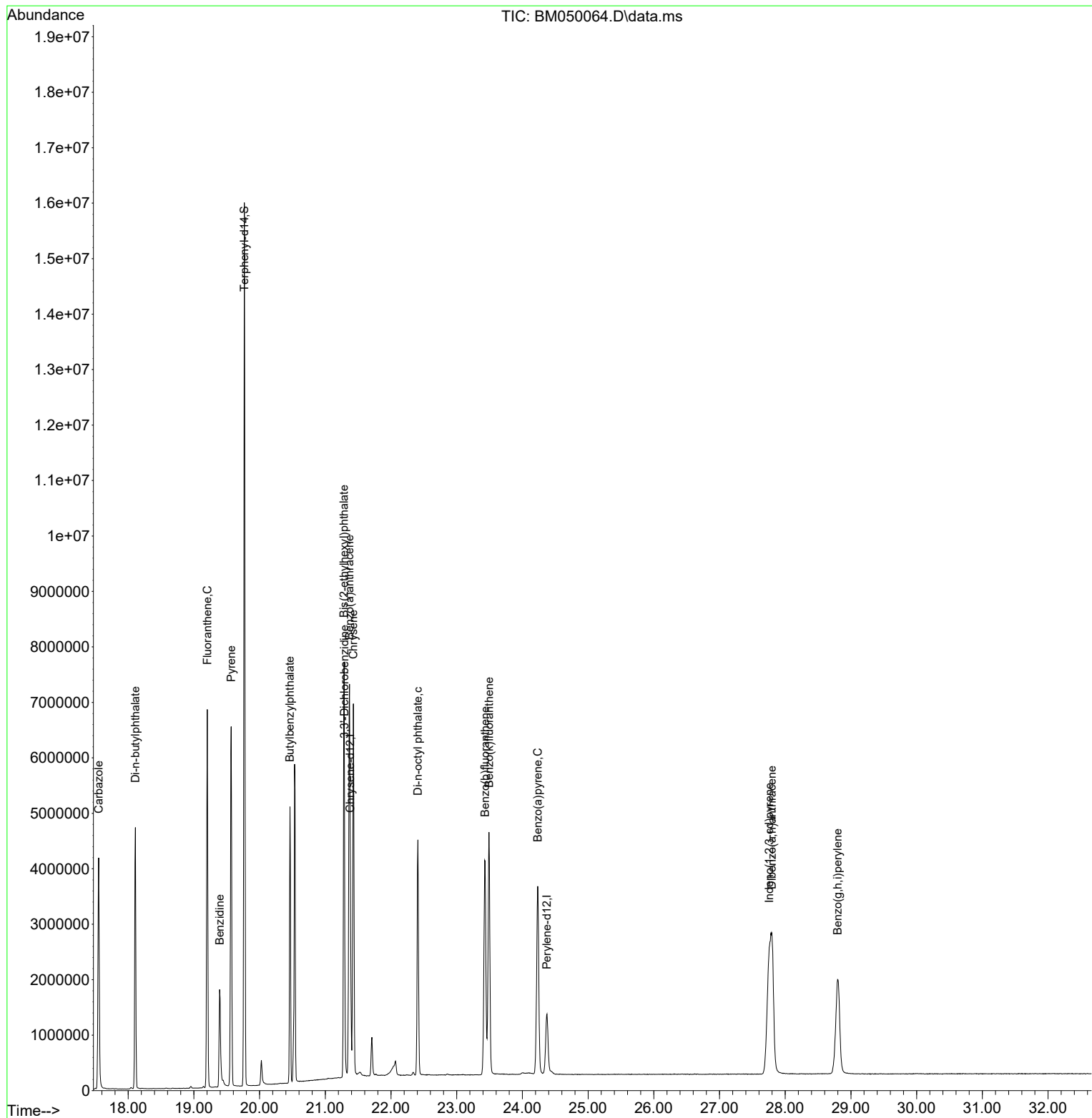
Quant Time: May 01 15:24:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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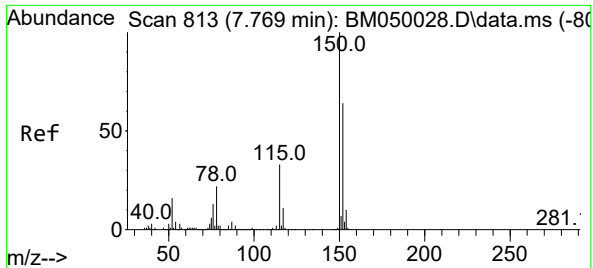


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Data File : BM050064.D
Acq On : 01 May 2025 14:43
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Response via : Initial Calibration

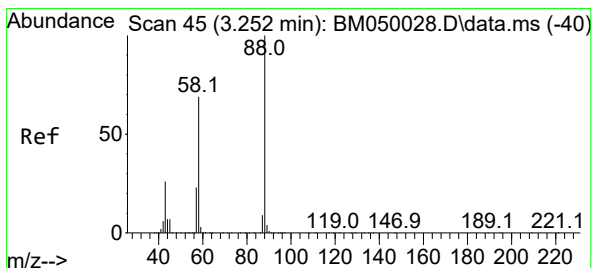
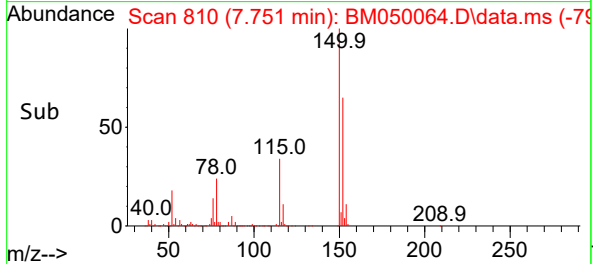
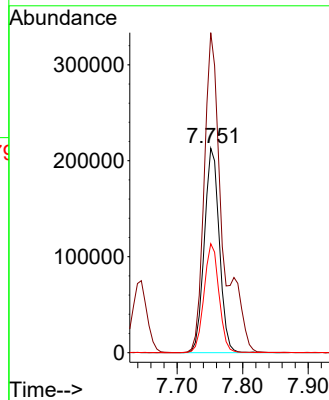
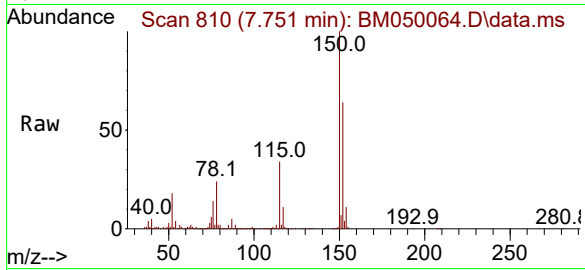




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.751 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

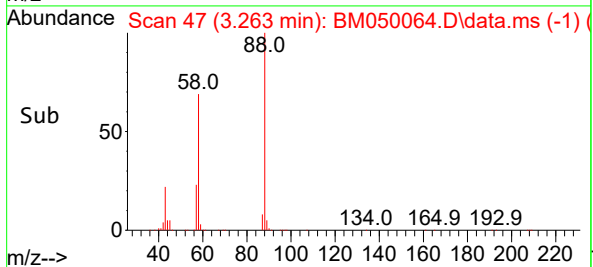
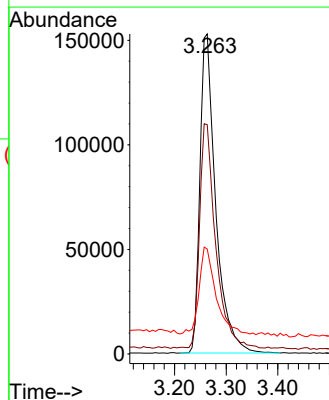
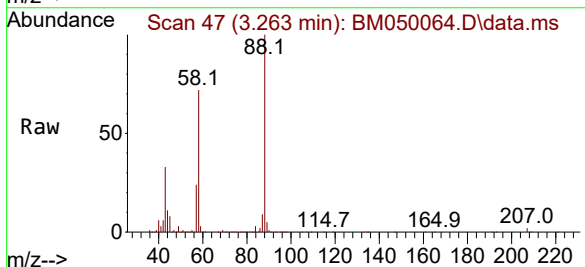
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ClientSampleId :
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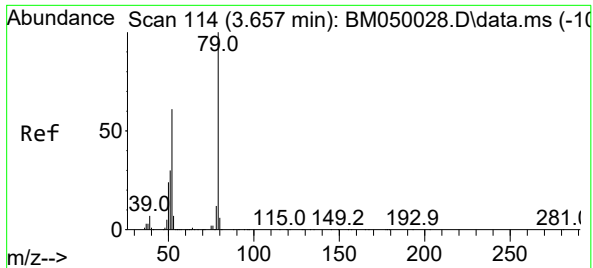
Tgt Ion:152 Resp: 339452
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 53.2 41.2 61.8



#2
1,4-Dioxane
Concen: 38.993 ng
RT: 3.263 min Scan# 47
Delta R.T. 0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 88 Resp: 324106
Ion Ratio Lower Upper
88 100
58 71.8 55.1 82.7
43 29.4 20.9 31.3

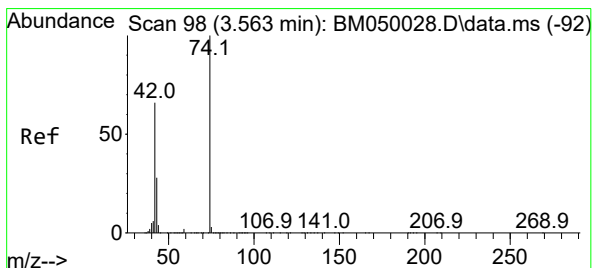
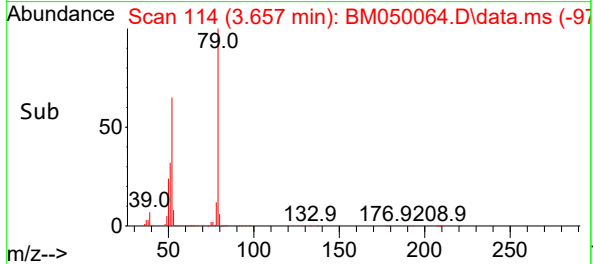
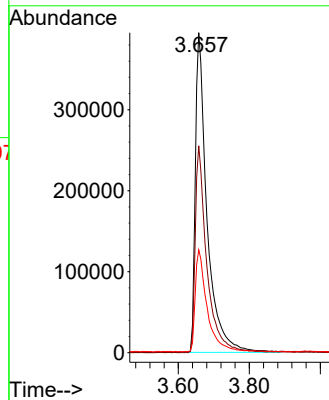
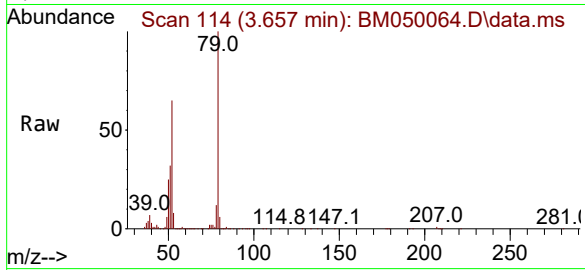




#3
Pyridine
Concen: 42.466 ng
RT: 3.657 min Scan# 114
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

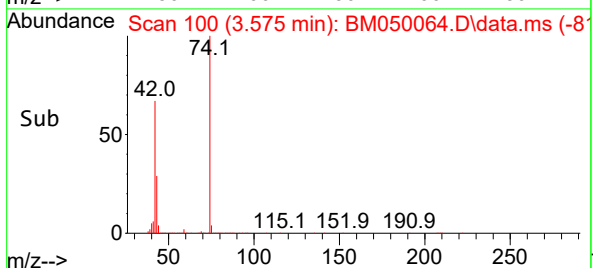
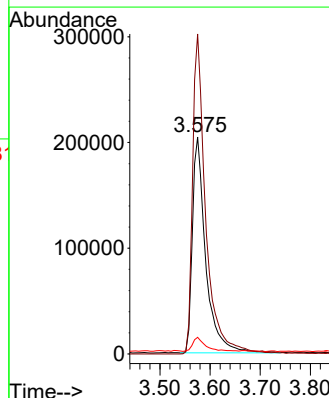
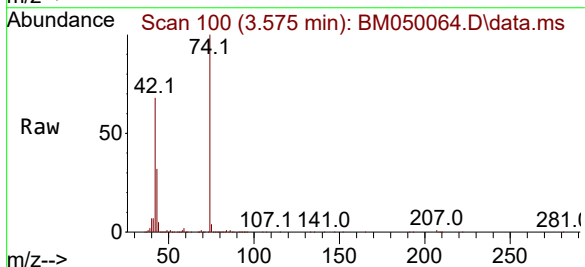
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ClientSampleId :
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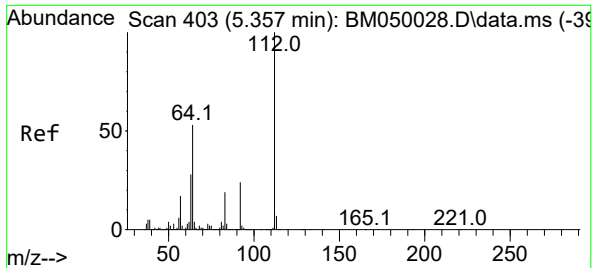
Tgt Ion: 79 Resp: 906904
Ion Ratio Lower Upper
79 100
52 64.7 48.6 72.8
51 32.1 24.6 37.0



#4
n-Nitrosodimethylamine
Concen: 44.973 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 42 Resp: 376694
Ion Ratio Lower Upper
42 100
74 147.5 120.2 180.2
44 7.7 6.2 9.2

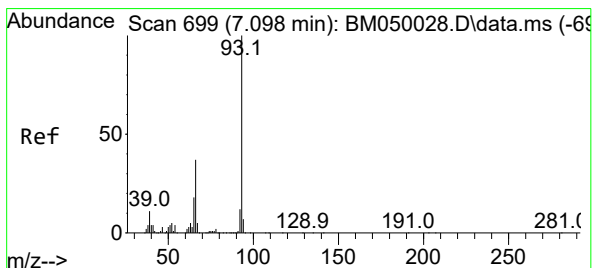
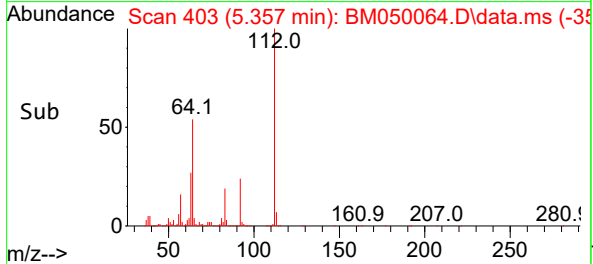
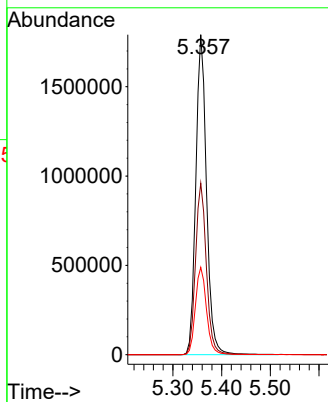
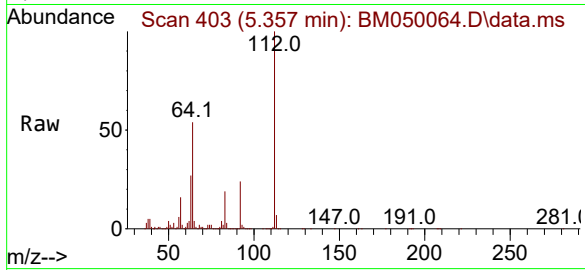




#5
2-Fluorophenol
Concen: 141.904 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

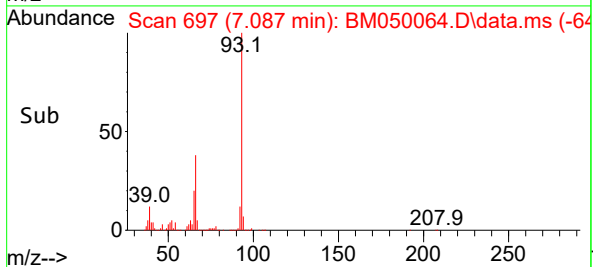
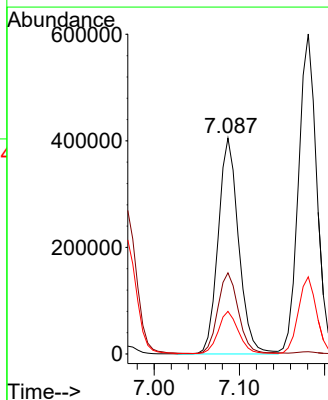
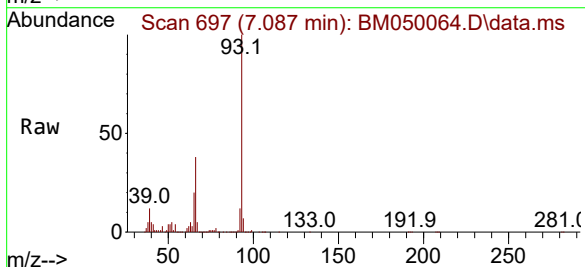
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ClientSampleId :
PB167779BS

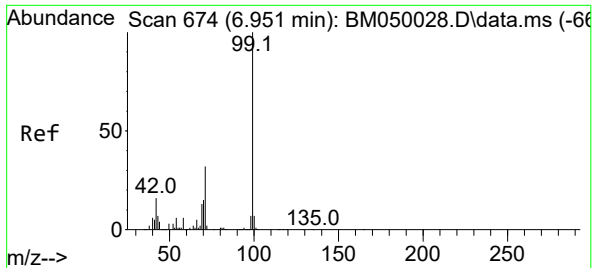
Tgt Ion:112 Resp: 2750867
Ion Ratio Lower Upper
112 100
64 53.6 42.6 64.0
63 27.3 22.2 33.4



#6
Aniline
Concen: 21.967 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 93 Resp: 675837
Ion Ratio Lower Upper
93 100
66 37.6 29.9 44.9
65 19.7 14.5 21.7

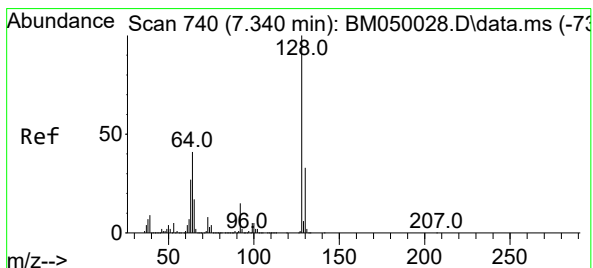
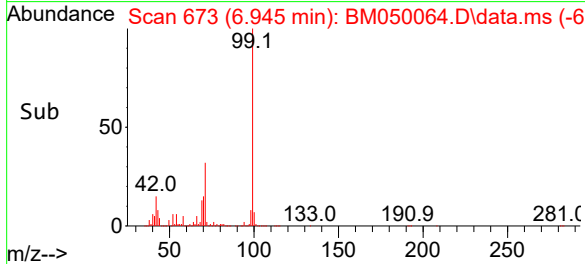
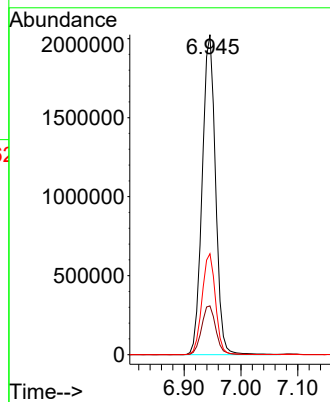
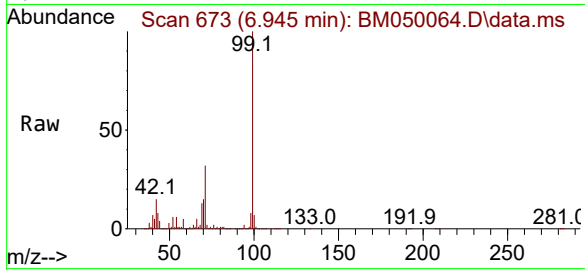




#7
Phenol-d6
Concen: 135.109 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

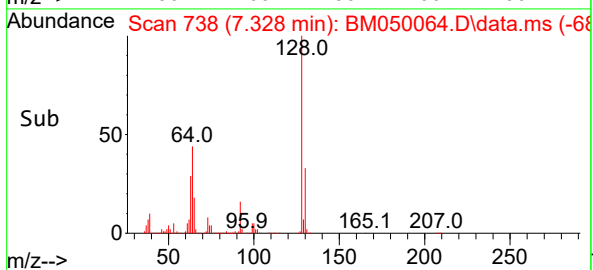
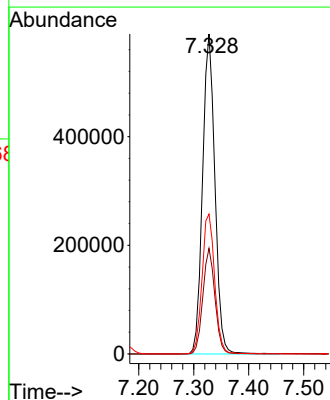
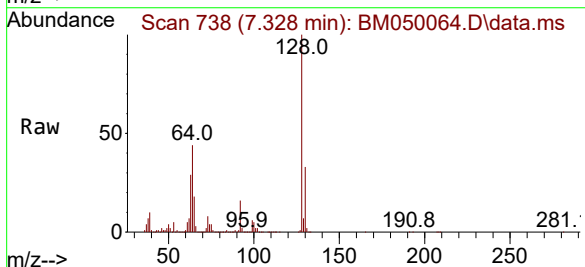
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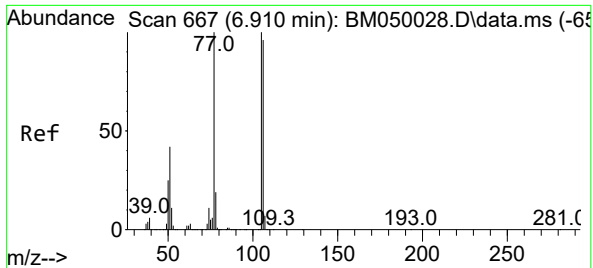
Tgt Ion: 99 Resp: 3291918
Ion Ratio Lower Upper
99 100
42 15.3 13.0 19.4
71 31.6 25.6 38.4



#8
2-Chlorophenol
Concen: 43.853 ng
RT: 7.328 min Scan# 738
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 128 Resp: 919150
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.7 21.2 61.2

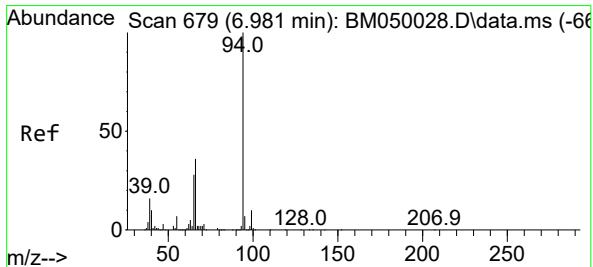
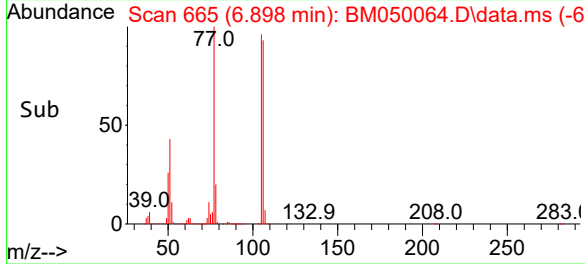
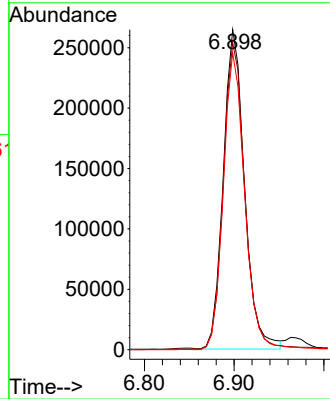
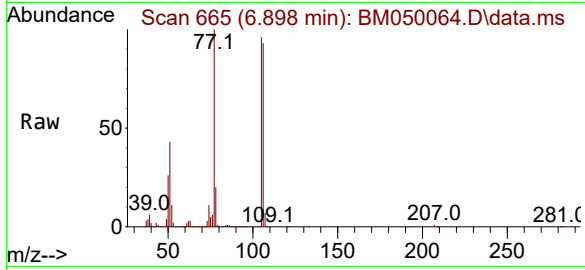




#9
Benzaldehyde
Concen: 26.618 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

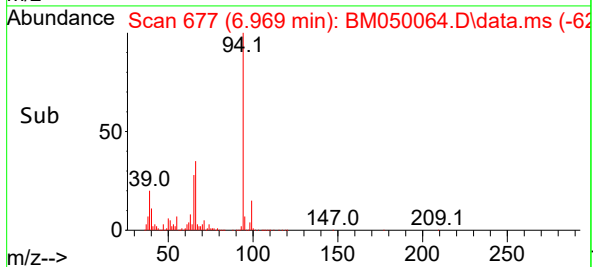
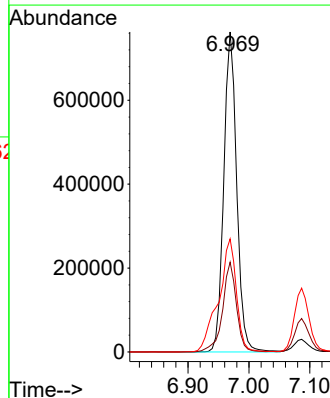
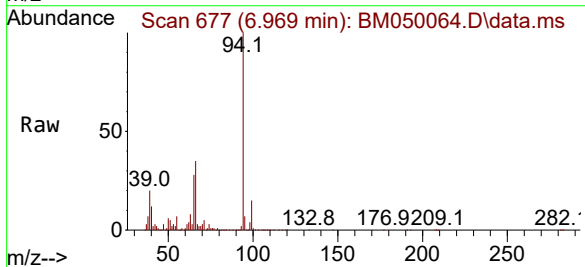
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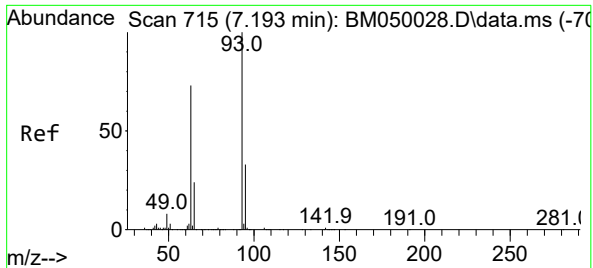
Tgt Ion: 77 Resp: 434002
Ion Ratio Lower Upper
77 100
105 95.9 80.5 120.5
106 92.8 76.1 116.1



#10
Phenol
Concen: 45.595 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 94 Resp: 1124630
Ion Ratio Lower Upper
94 100
65 28.1 7.6 47.6
66 35.3 15.8 55.8

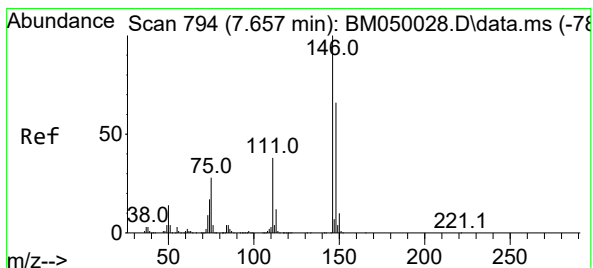
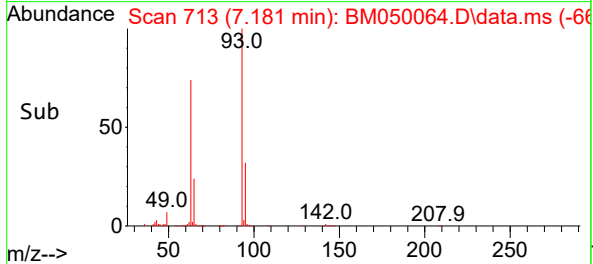
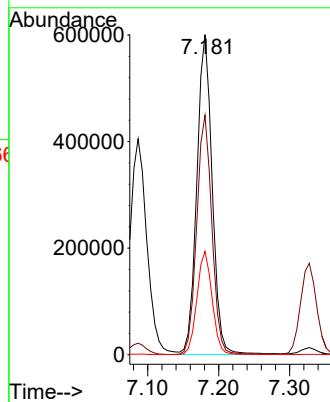
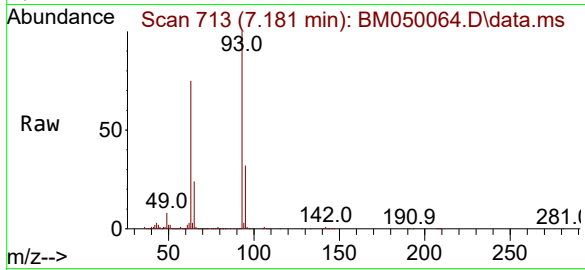




#11
bis(2-Chloroethyl)ether
Concen: 43.821 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

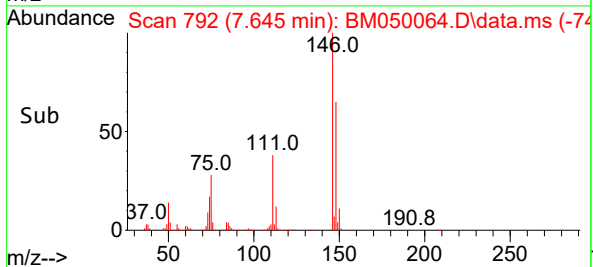
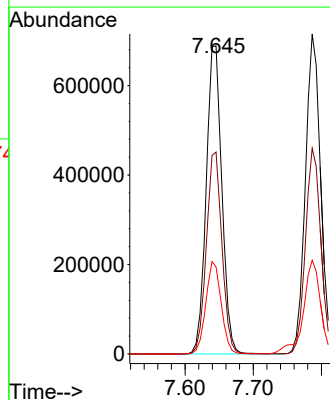
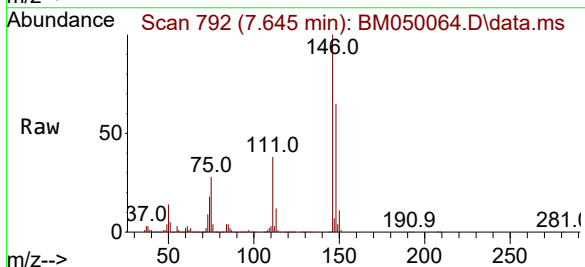
Instrument :
BNA_M
ClientSampleId :
PB167779BS

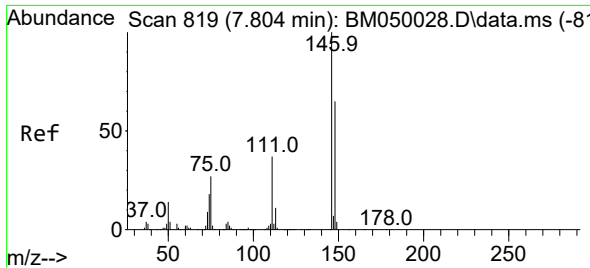
Tgt Ion: 93 Resp: 902546
Ion Ratio Lower Upper
93 100
63 74.8 52.3 92.3
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.500 ng
RT: 7.645 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:146 Resp: 1101376
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
75 28.3 22.6 34.0

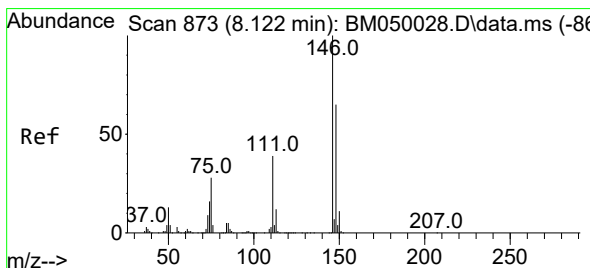
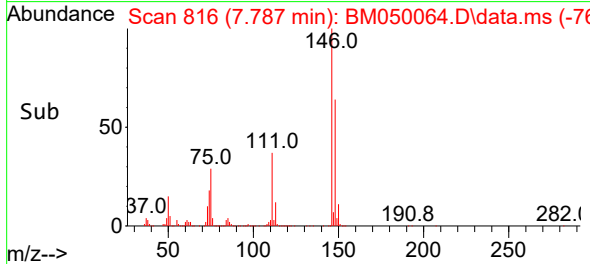
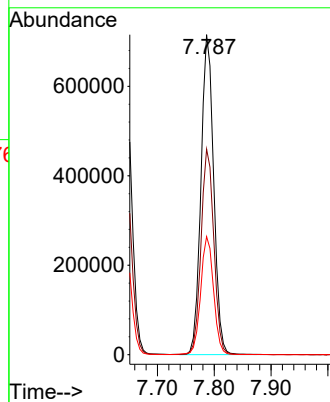
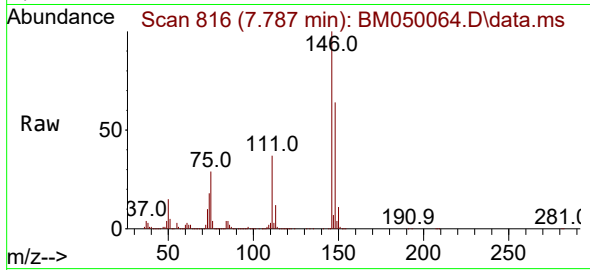




#13
1,4-Dichlorobenzene
Concen: 43.660 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

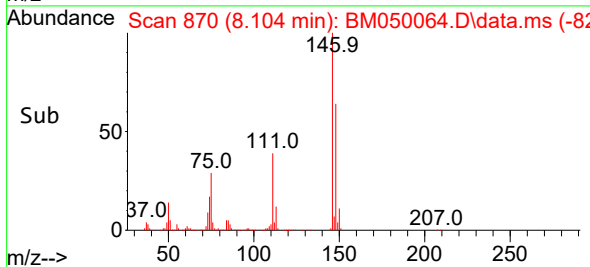
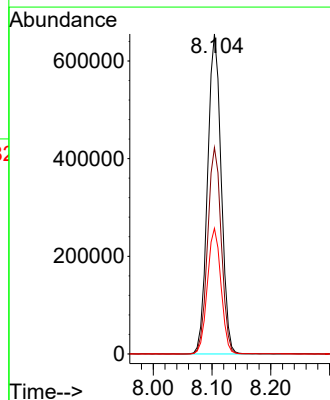
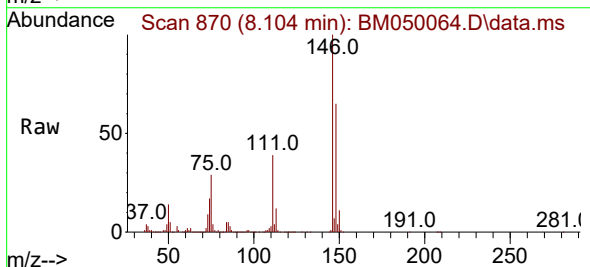
Instrument :
BNA_M
ClientSampleId :
PB167779BS

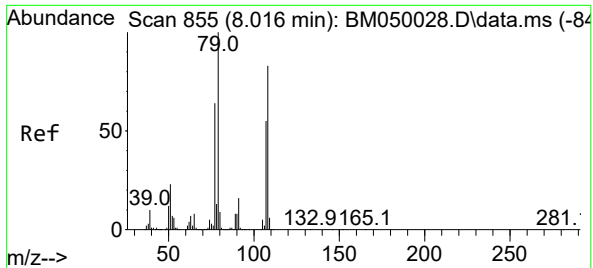
Tgt Ion:146 Resp: 1110518
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.2
111 36.9 29.3 43.9



#14
1,2-Dichlorobenzene
Concen: 42.997 ng
RT: 8.104 min Scan# 870
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:146 Resp: 1056435
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
111 39.3 31.0 46.6

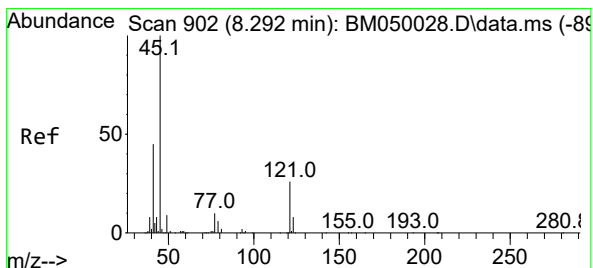
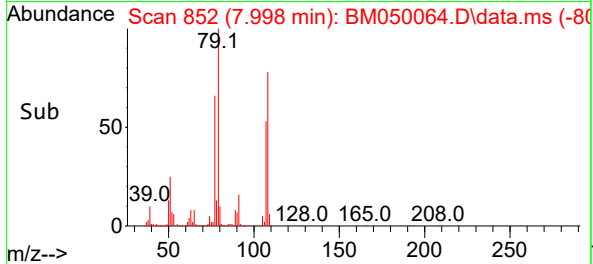
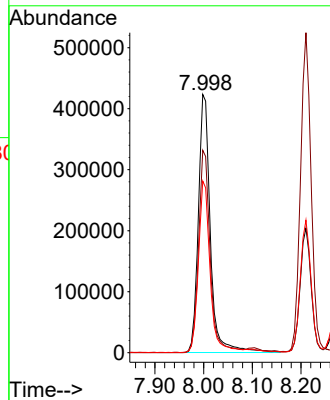
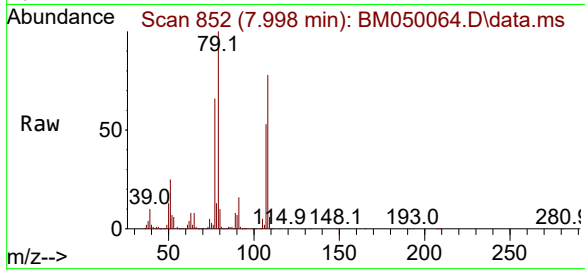




#15
Benzyl Alcohol
Concen: 43.202 ng
RT: 7.998 min Scan# 811
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

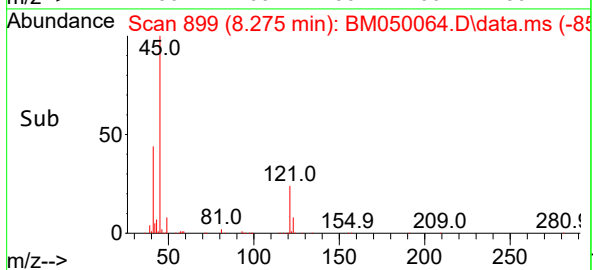
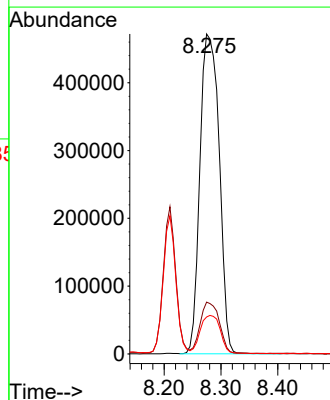
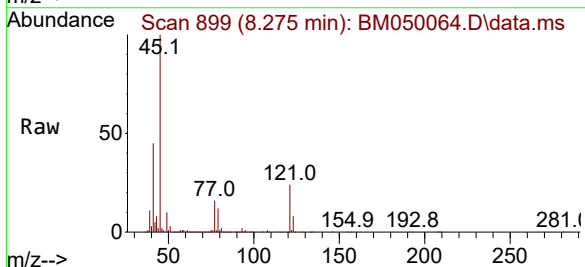
Instrument :
BNA_M
ClientSampleId :
PB167779BS

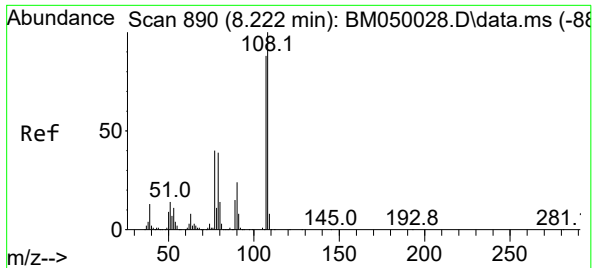
Tgt Ion: 79 Resp: 729976
Ion Ratio Lower Upper
79 100
108 78.4 66.0 99.0
77 66.5 51.6 77.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.352 ng
RT: 8.275 min Scan# 899
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 45 Resp: 1110403
Ion Ratio Lower Upper
45 100
77 16.2 0.0 36.4
79 11.6 0.0 32.7





#17

2-Methylphenol

Concen: 42.996 ng

RT: 8.210 min Scan# 890

Delta R.T. -0.012 min

Lab File: BM050064.D

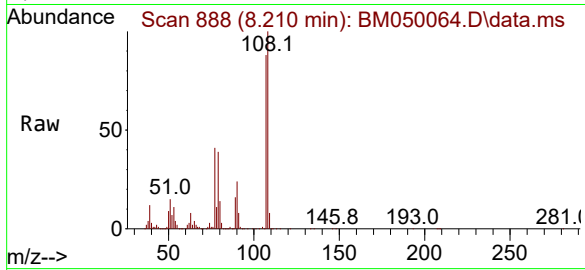
Acq: 01 May 2025 14:43

Instrument :

BNA_M

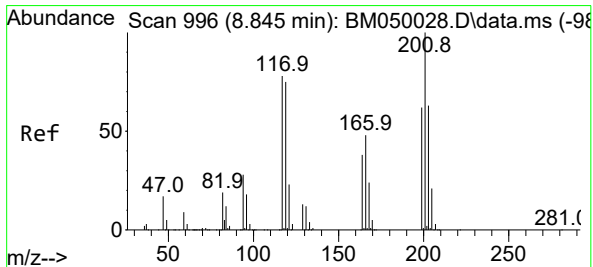
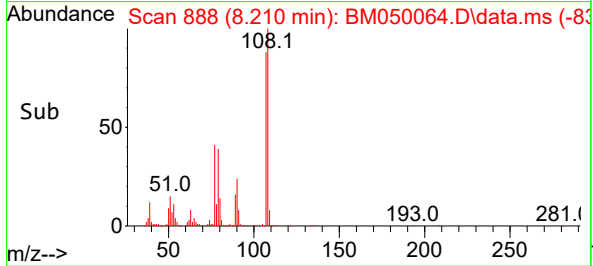
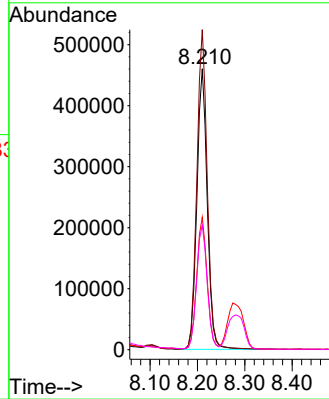
ClientSampleId :

PB167779BS



Tgt Ion:107 Resp: 698651

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	47.1	36.2	54.4
79	44.3	35.8	53.8



#18

Hexachloroethane

Concen: 44.169 ng

RT: 8.828 min Scan# 993

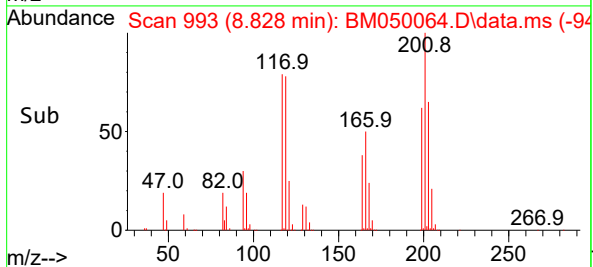
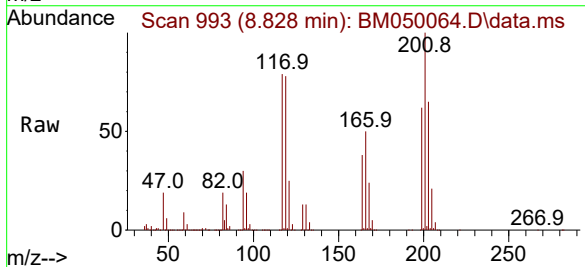
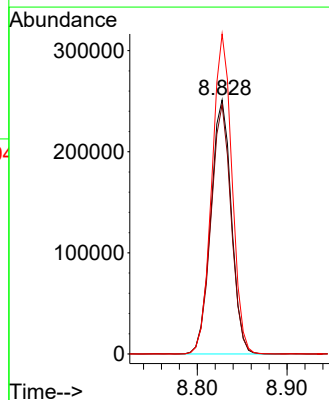
Delta R.T. -0.018 min

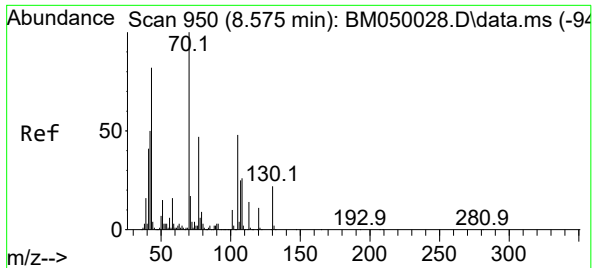
Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion:117 Resp: 399371

Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.3	115.9
201	125.9	102.8	154.2

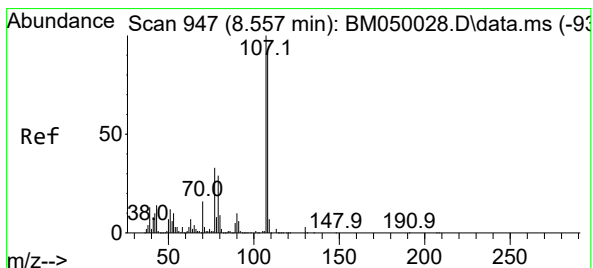
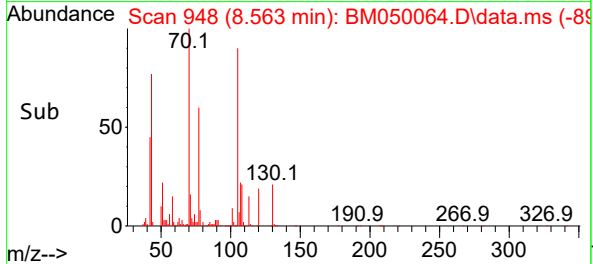
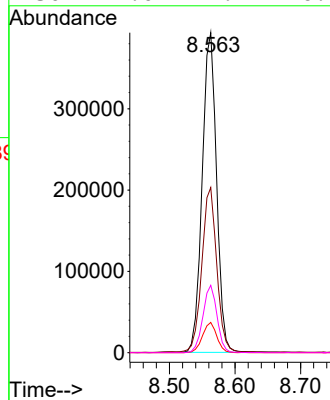
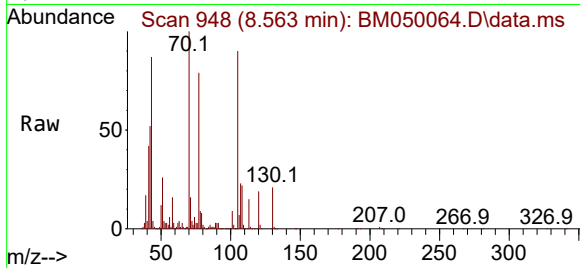




#19
n-Nitroso-di-n-propylamine
Concen: 38.288 ng
RT: 8.563 min Scan# 94
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

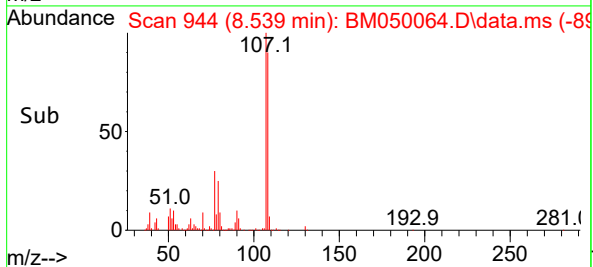
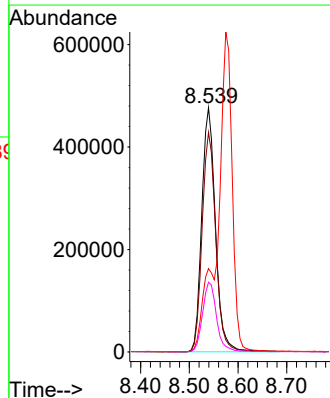
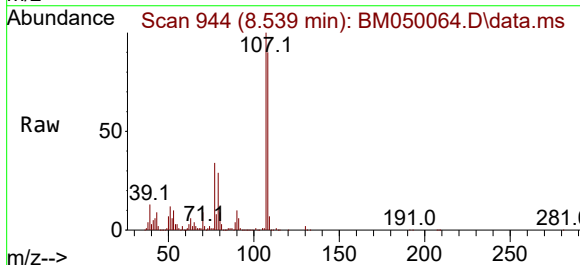
Instrument :
BNA_M
ClientSampleId :
PB167779BS

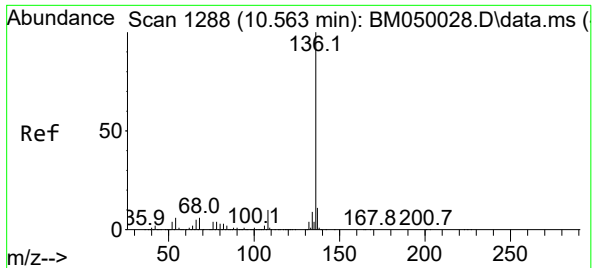
Tgt Ion: 70 Resp: 598312
Ion Ratio Lower Upper
70 100
42 51.6 40.5 60.7
101 9.4 7.8 11.6
130 21.0 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.350 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 107 Resp: 929313
Ion Ratio Lower Upper
107 100
108 89.9 72.4 112.4
77 34.1 13.6 53.6
79 28.6 9.2 49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.545 min Scan# 11

Delta R.T. -0.018 min

Lab File: BM050064.D

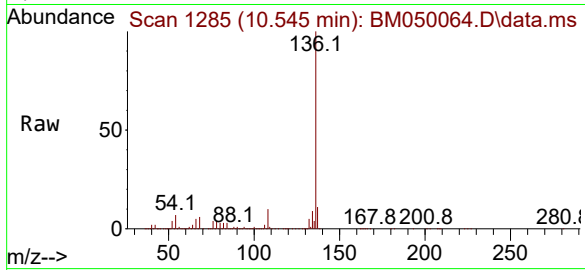
Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS



Tgt Ion:136 Resp: 1125326

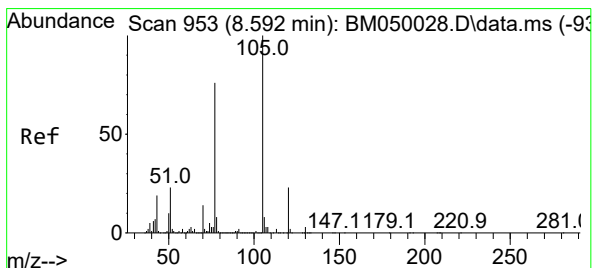
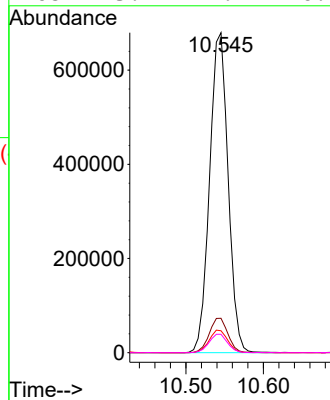
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 5.1 7.7

68 5.7 4.4 6.6



#22

Acetophenone

Concen: 46.657 ng

RT: 8.575 min Scan# 950

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion:105 Resp: 1305356

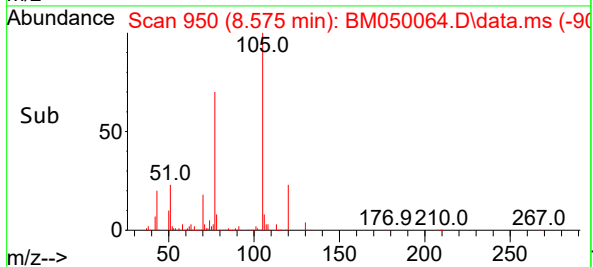
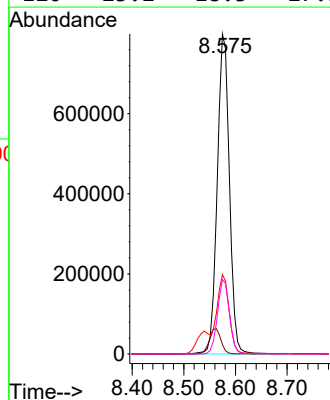
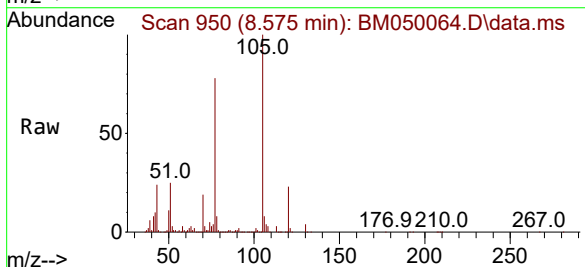
Ion Ratio Lower Upper

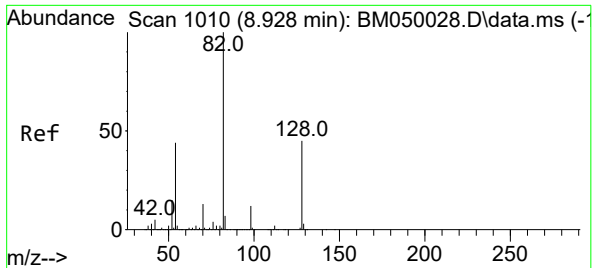
105 100

71 3.0 1.7 2.5

51 24.8 18.6 27.8

120 23.2 18.3 27.5

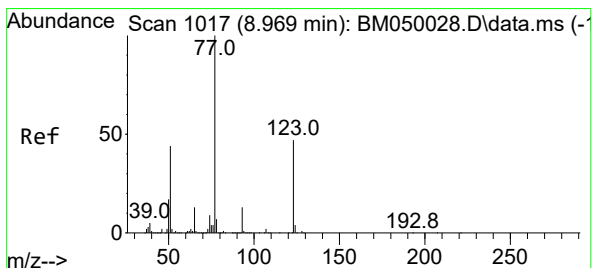
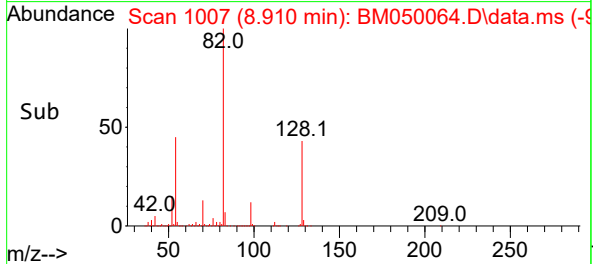
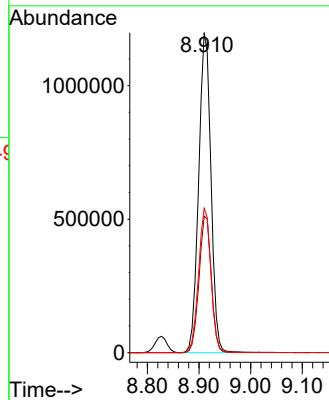
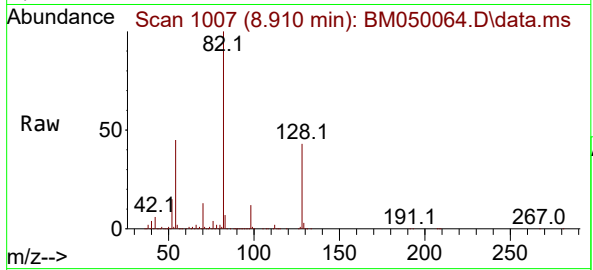




#23
Nitrobenzene-d5
Concen: 86.379 ng
RT: 8.910 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

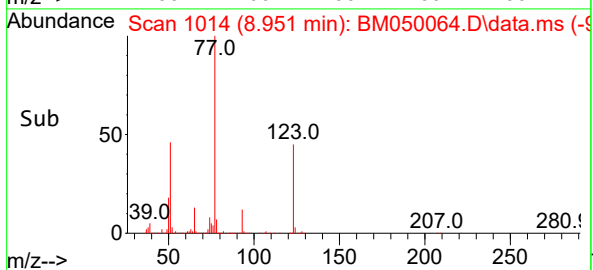
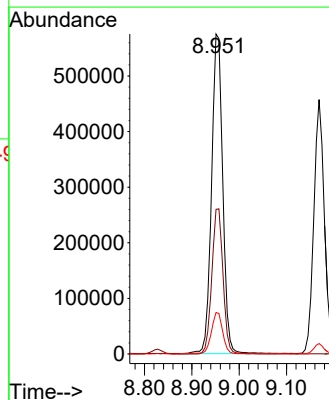
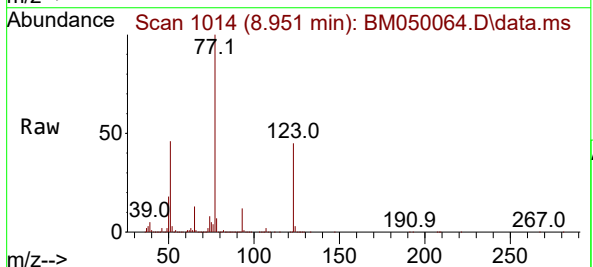
Instrument :
BNA_M
ClientSampleId :
PB167779BS

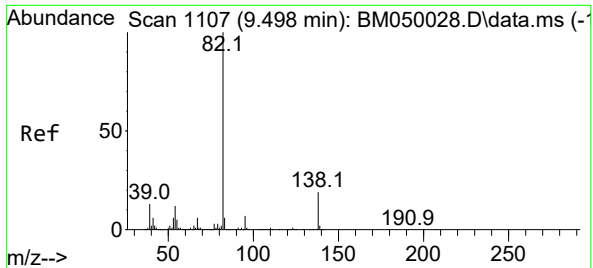
Tgt Ion: 82 Resp: 1972634
Ion Ratio Lower Upper
82 100
128 42.6 35.7 53.5
54 45.1 35.4 53.2



#24
Nitrobenzene
Concen: 47.731 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 77 Resp: 942517
Ion Ratio Lower Upper
77 100
123 45.2 37.9 56.9
65 12.9 10.1 15.1

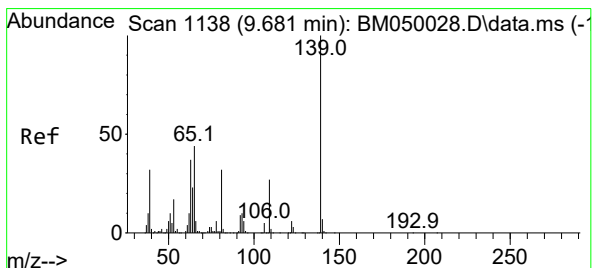
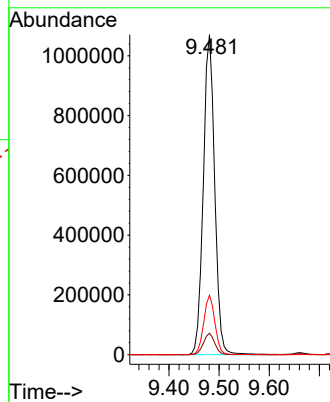
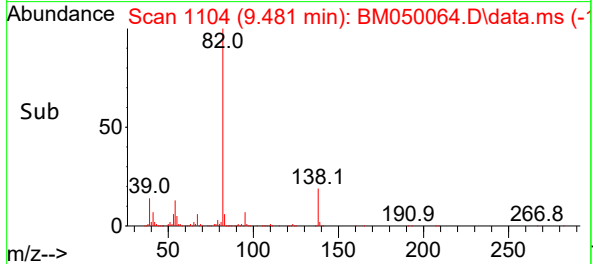
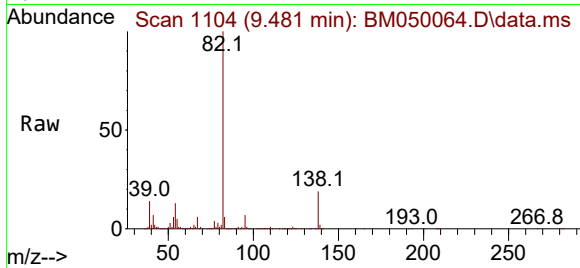




#25
Isophorone
Concen: 43.352 ng
RT: 9.481 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

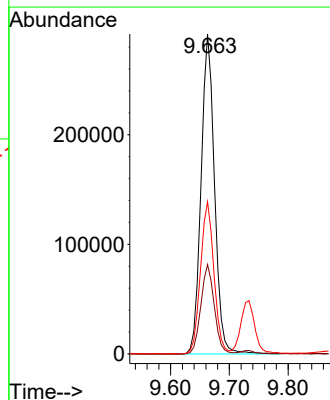
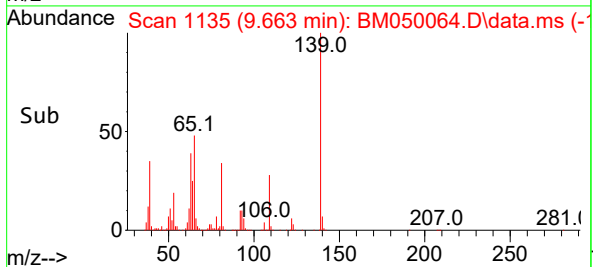
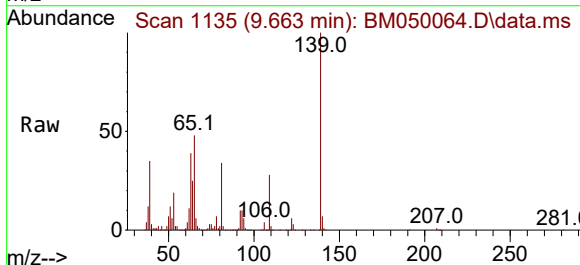
Instrument :
BNA_M
ClientSampleId :
PB167779BS

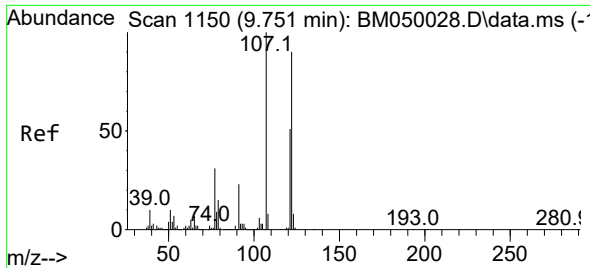
Tgt Ion: 82 Resp: 1687587
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 18.6 15.5 23.3



#26
2-Nitrophenol
Concen: 46.156 ng
RT: 9.663 min Scan# 1135
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 139 Resp: 465611
Ion Ratio Lower Upper
139 100
109 27.9 21.9 32.9
65 47.5 35.4 53.2

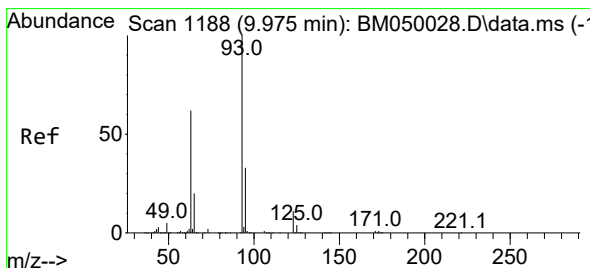
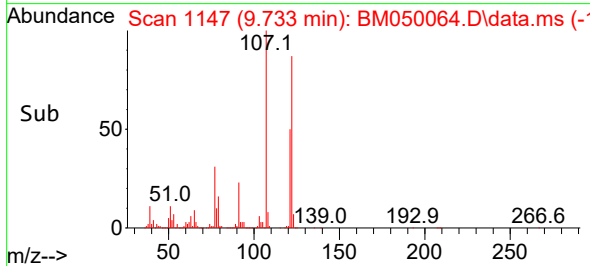
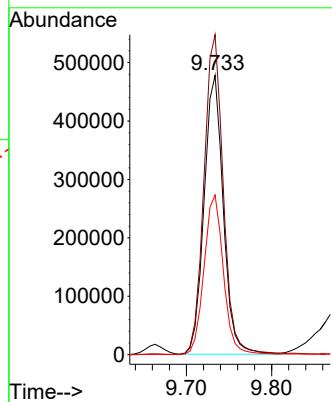
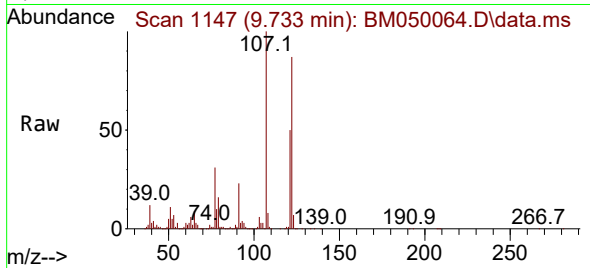




#27
2,4-Dimethylphenol
Concen: 44.825 ng
RT: 9.733 min Scan# 1147
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

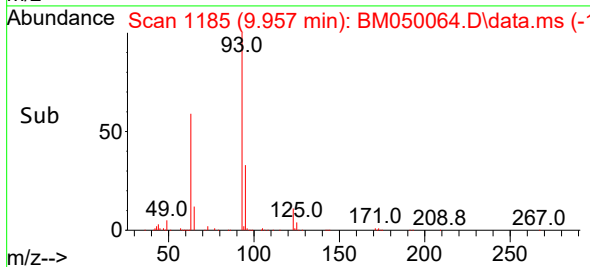
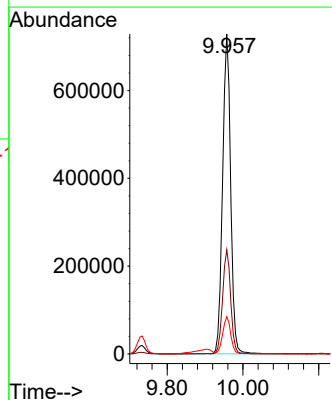
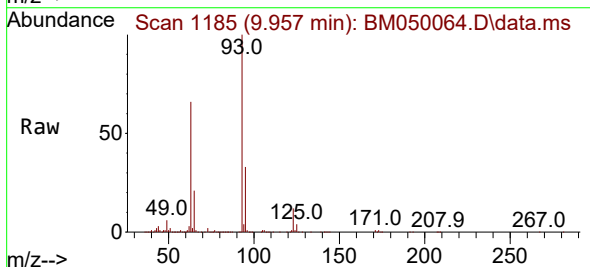
Instrument :
BNA_M
ClientSampleId :
PB167779BS

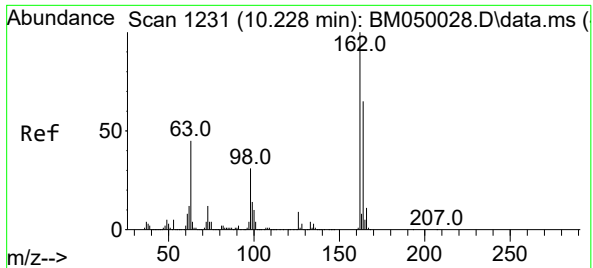
Tgt Ion:122 Resp: 749898
Ion Ratio Lower Upper
122 100
107 114.5 89.0 133.6
121 57.1 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.008 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 93 Resp: 1082910
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.032 ng

RT: 10.210 min Scan# 1231

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

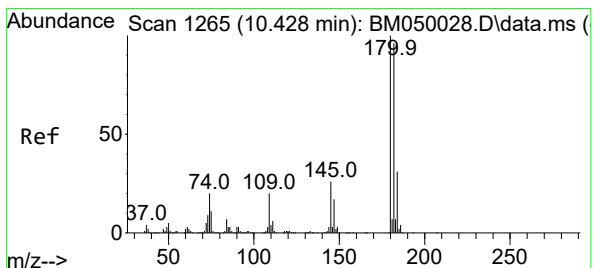
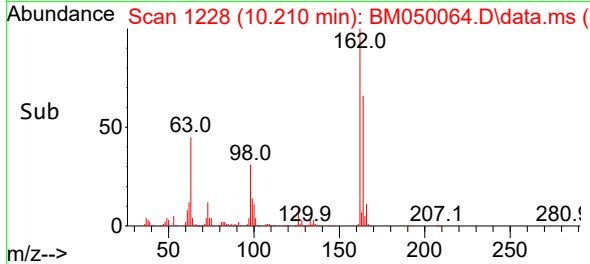
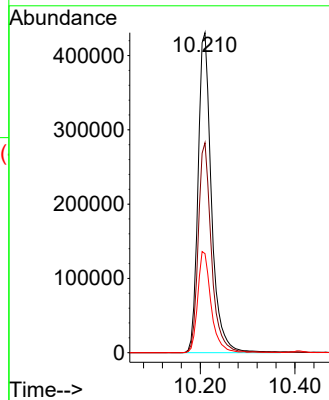
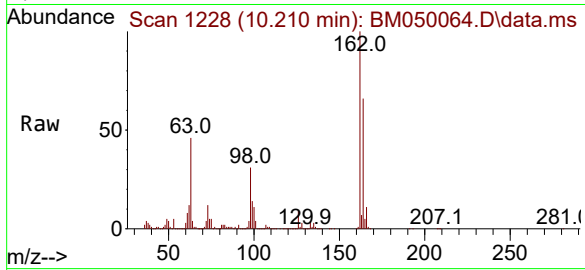
Tgt Ion:162 Resp: 843978

Ion Ratio Lower Upper

162 100

164 65.6 45.4 85.4

98 31.0 11.3 51.3



#30

1,2,4-Trichlorobenzene

Concen: 45.219 ng

RT: 10.410 min Scan# 1262

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

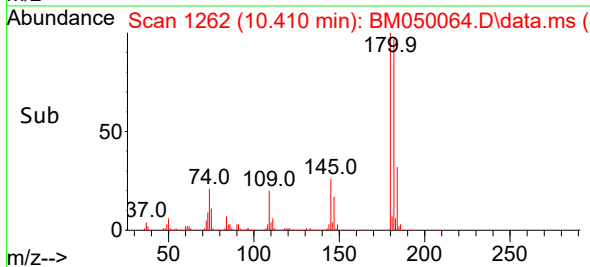
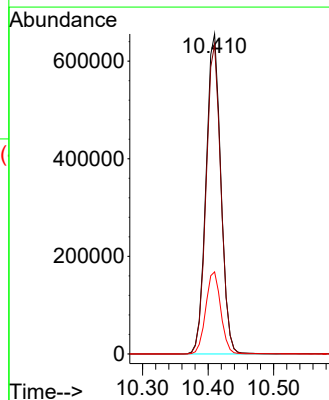
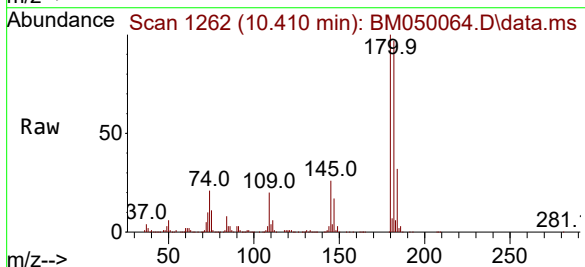
Tgt Ion:180 Resp: 1032540

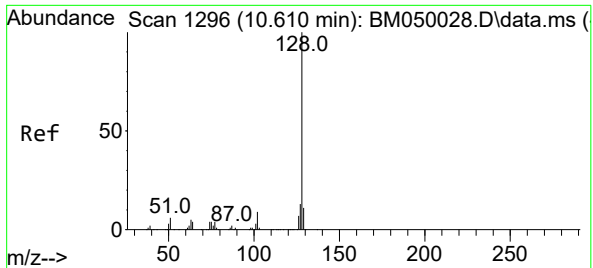
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

145 25.6 20.6 30.8

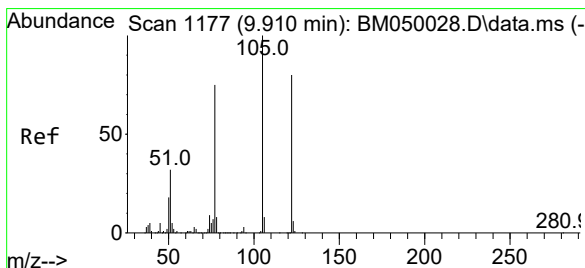
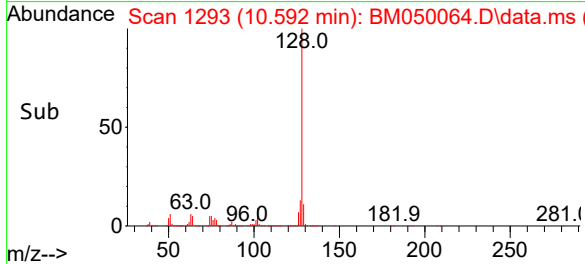
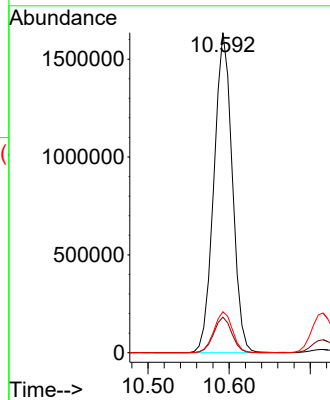
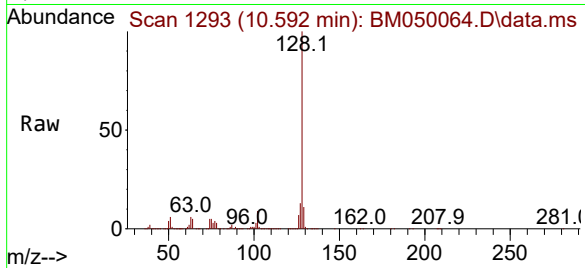




#31
Naphthalene
Concen: 45.037 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

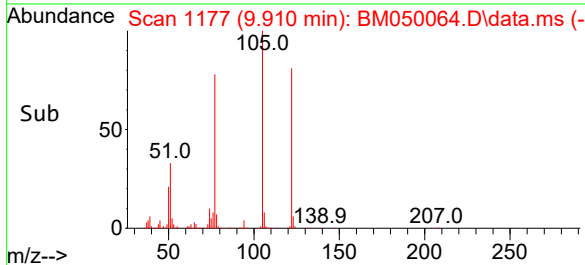
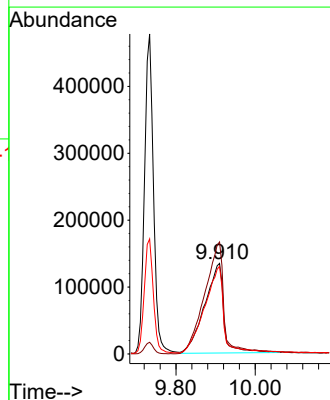
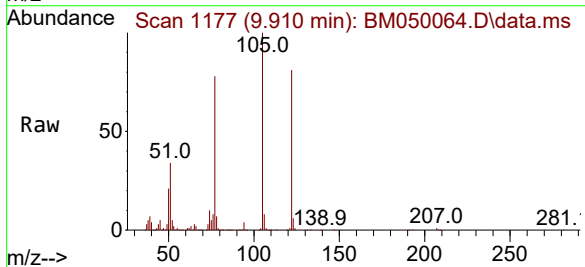
Instrument :
BNA_M
ClientSampleId :
PB167779BS

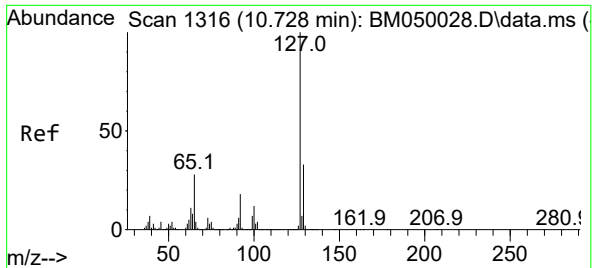
Tgt Ion:128 Resp: 2566661
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 42.109 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:122 Resp: 450544
Ion Ratio Lower Upper
122 100
105 123.7 103.6 143.6
77 96.9 73.7 113.7

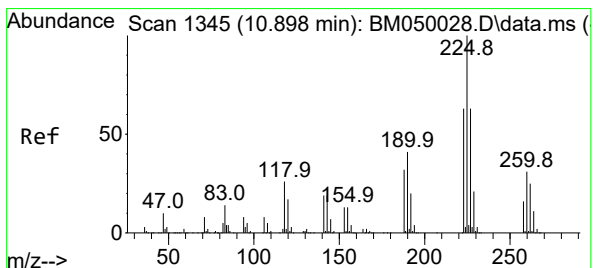
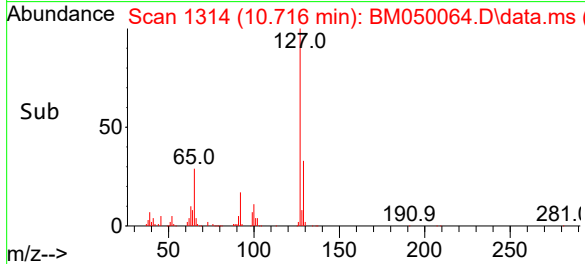
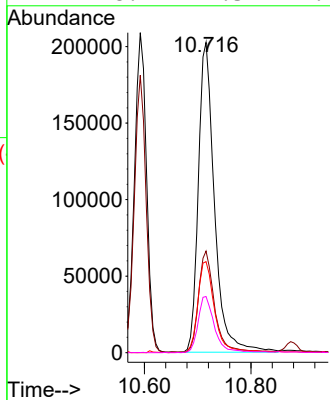
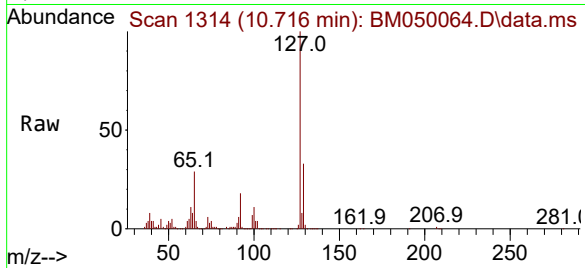




#33
4-Chloroaniline
Concen: 18.284 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

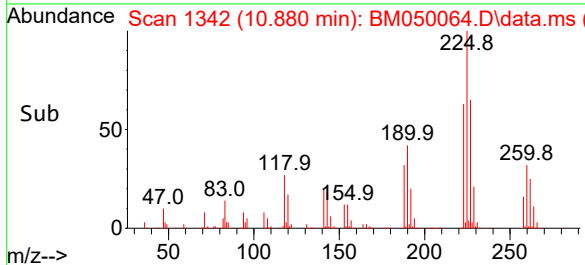
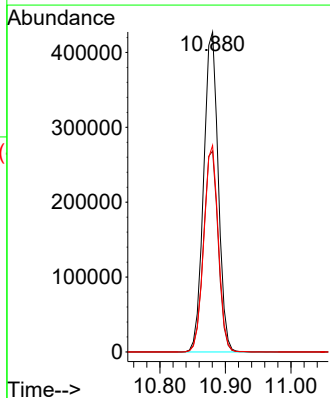
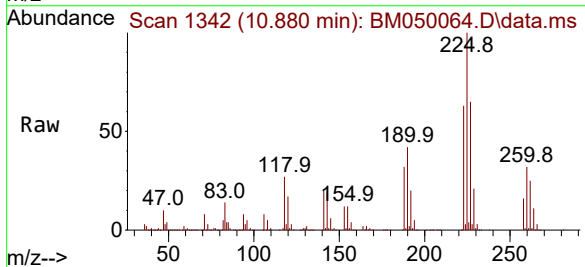
Instrument :
BNA_M
ClientSampleId :
PB167779BS

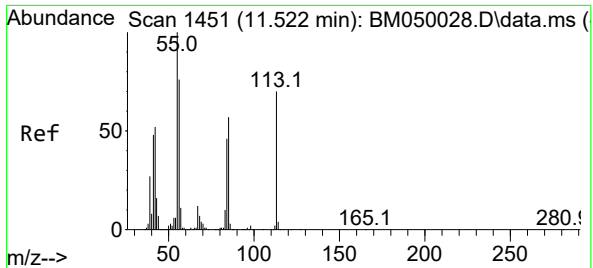
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	29.4	22.5	33.7
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 45.561 ng
RT: 10.880 min Scan# 1342
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.5	50.6	76.0

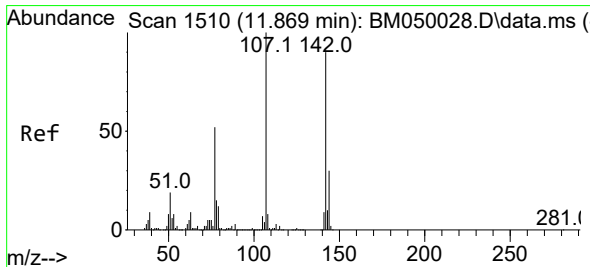
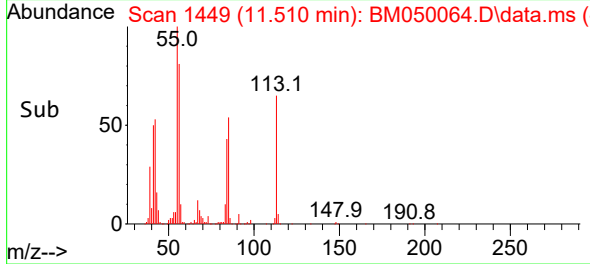
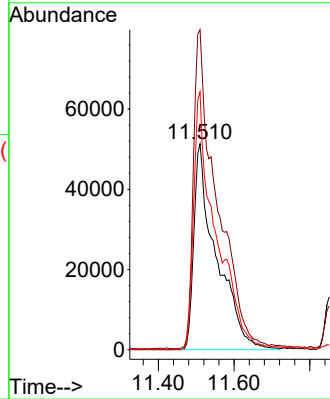
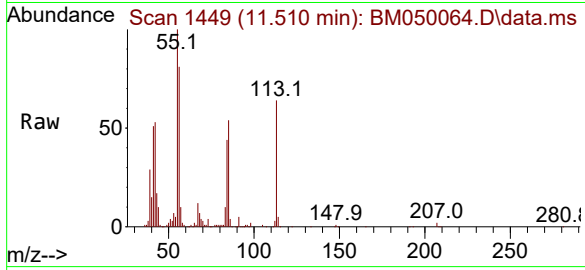




#35
Caprolactam
Concen: 38.500 ng
RT: 11.510 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

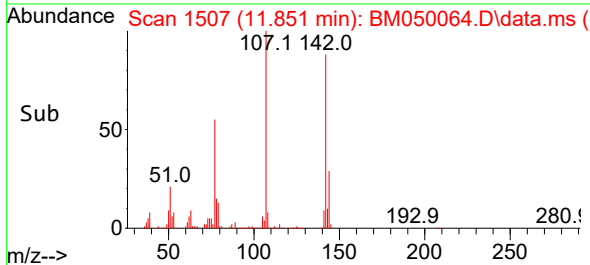
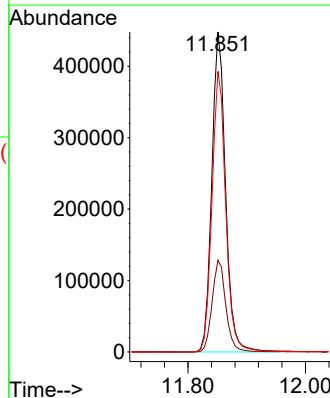
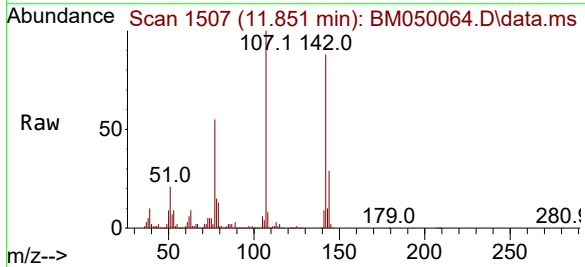
Instrument :
BNA_M
ClientSampleId :
PB167779BS

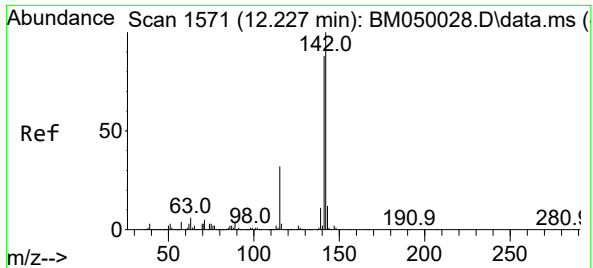
Tgt Ion:113 Resp: 210388
Ion Ratio Lower Upper
113 100
55 155.4 122.9 162.9
56 125.1 88.1 128.1



#36
4-Chloro-3-methylphenol
Concen: 41.945 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:107 Resp: 726282
Ion Ratio Lower Upper
107 100
144 28.6 23.8 35.6
142 87.7 71.9 107.9

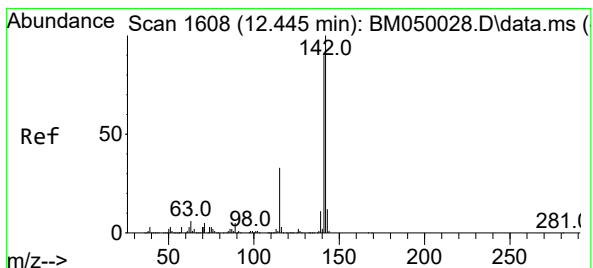
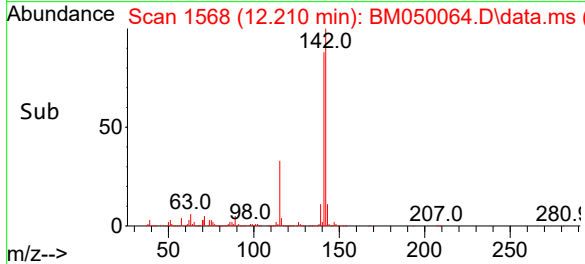
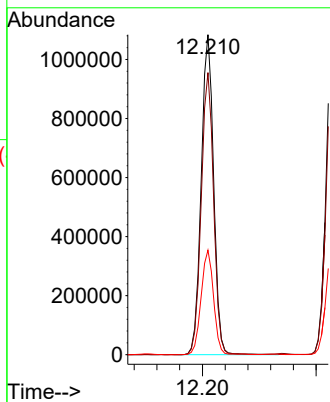
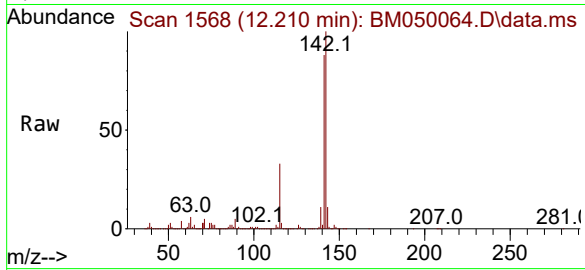




#37
2-Methylnaphthalene
Concen: 42.898 ng
RT: 12.210 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

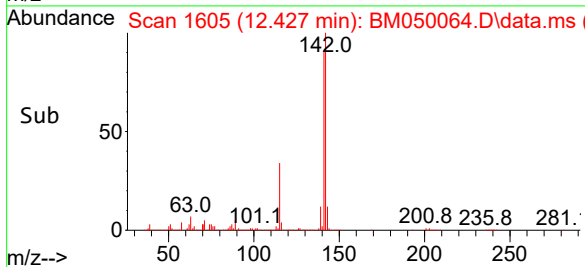
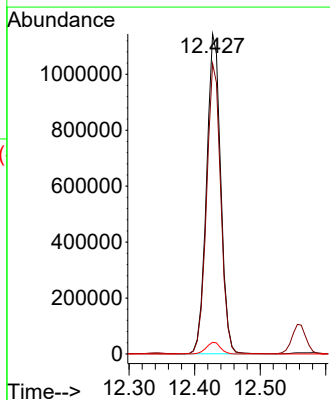
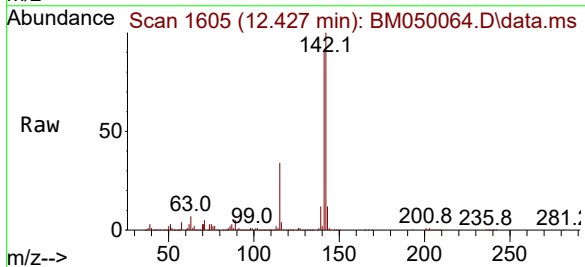
Instrument :
BNA_M
ClientSampleId :
PB167779BS

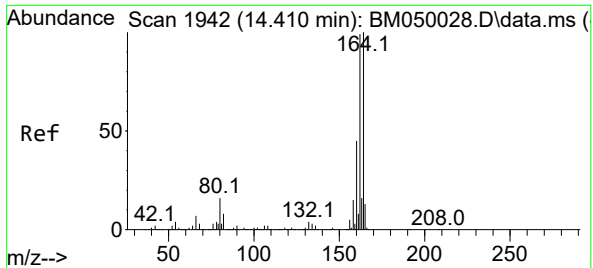
Tgt Ion:142 Resp: 1639055
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 32.7 25.4 38.2



#38
1-Methylnaphthalene
Concen: 42.443 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:142 Resp: 1716193
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1
116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1942

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

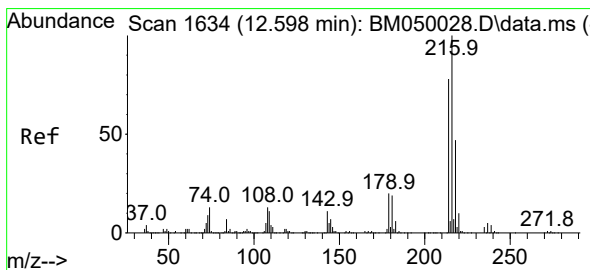
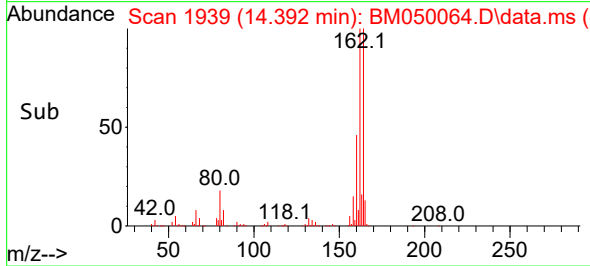
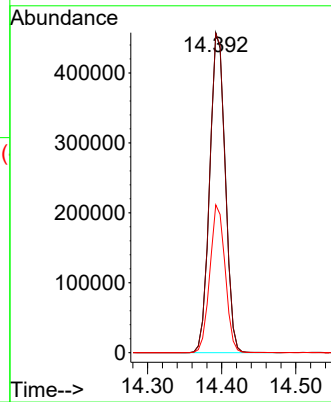
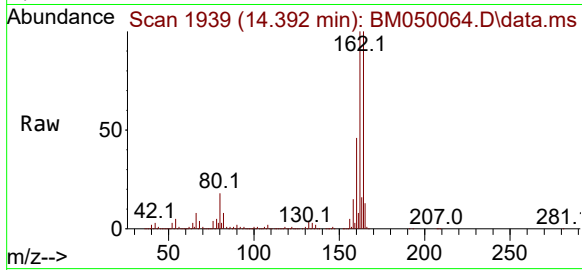
Tgt Ion:164 Resp: 664515

Ion	Ratio	Lower	Upper

164	100		

162	99.7	79.4	119.0

160	46.2	36.2	54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.630 ng

RT: 12.580 min Scan# 1631

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion:216 Resp: 1141673

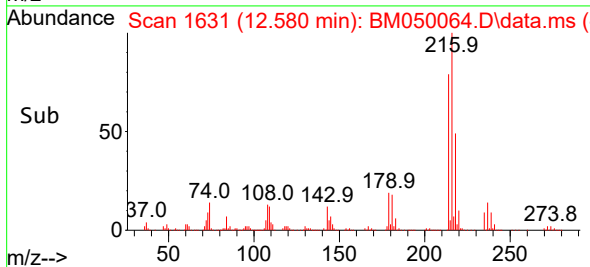
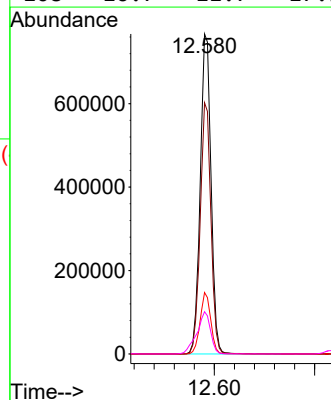
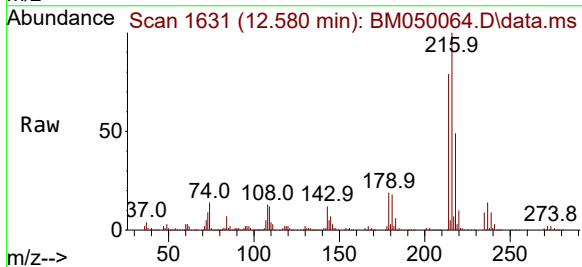
Ion	Ratio	Lower	Upper

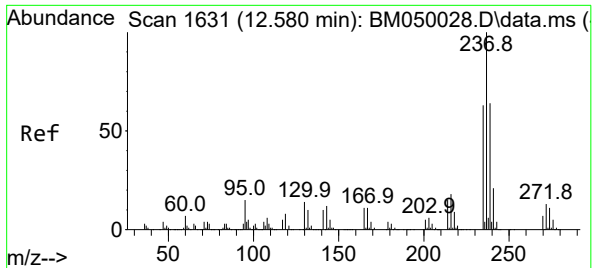
216	100		

214	78.0	62.3	93.5

179	18.9	15.4	23.0

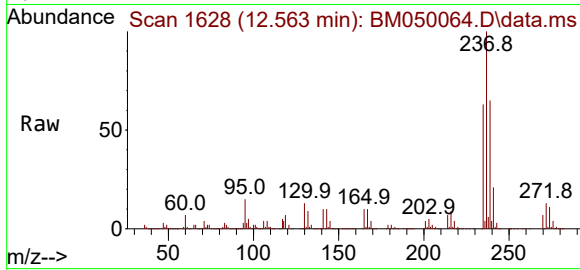
108	16.7	11.7	17.5



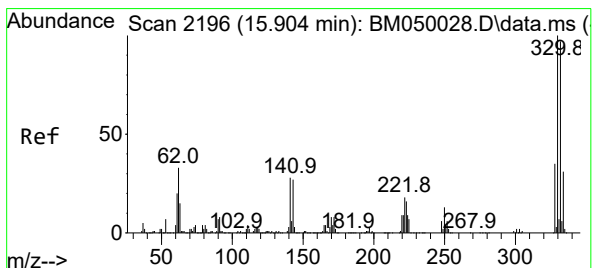
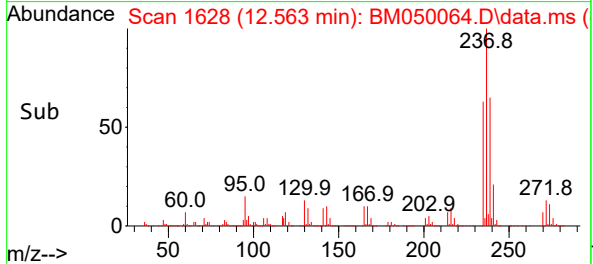
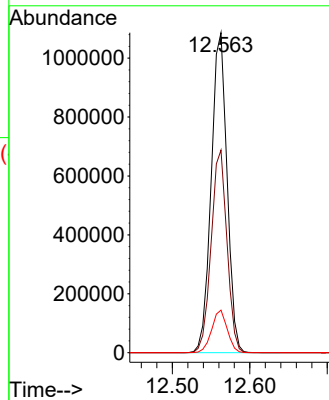


#41
Hexachlorocyclopentadiene
Concen: 109.633 ng
RT: 12.563 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Instrument :
BNA_M
ClientSampleId :
PB167779BS

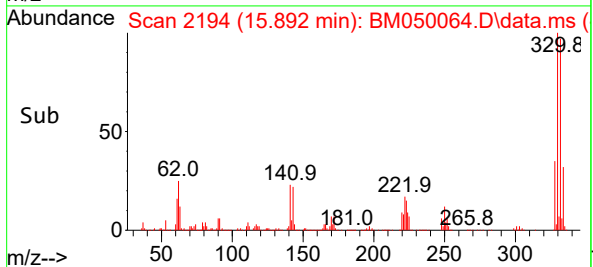
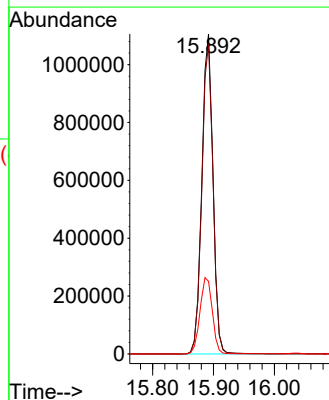
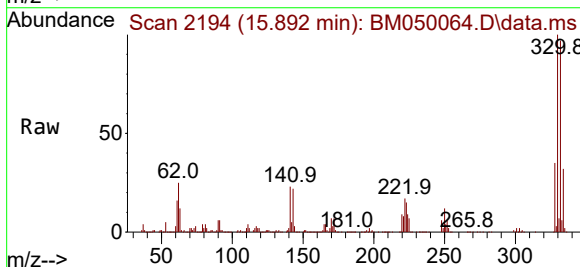


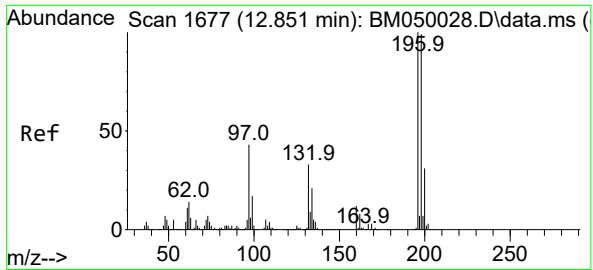
Tgt Ion:237 Resp: 1541222
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 142.599 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:330 Resp: 1401142
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 26.4 22.5 33.7

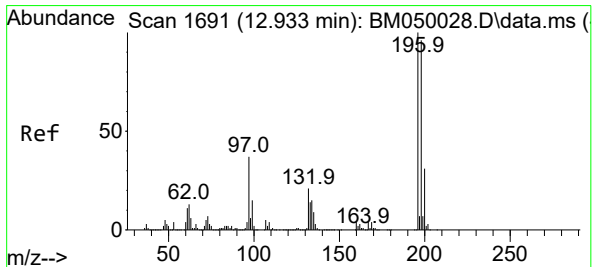
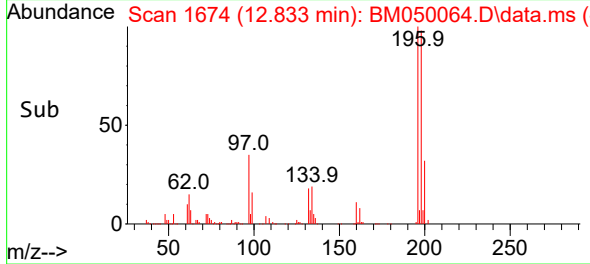
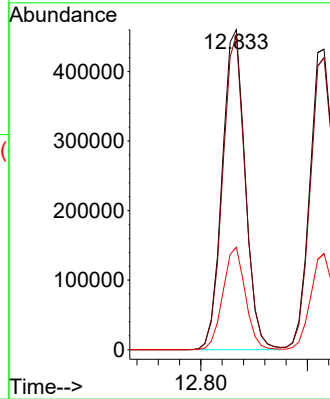
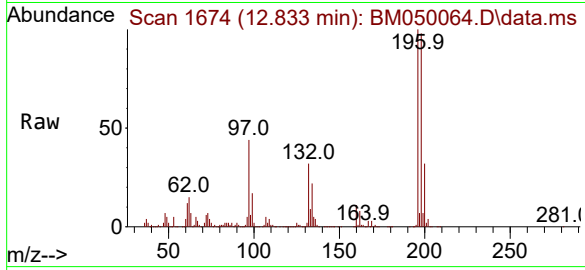




#43
2,4,6-Trichlorophenol
Concen: 47.365 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

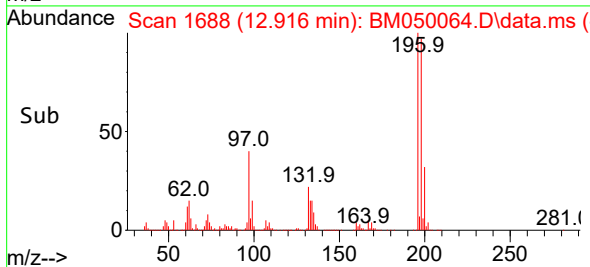
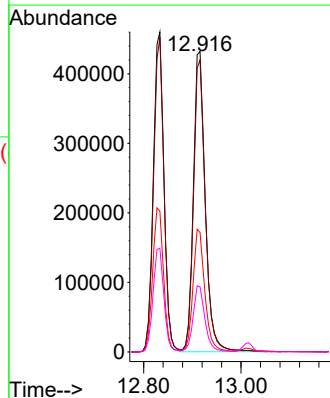
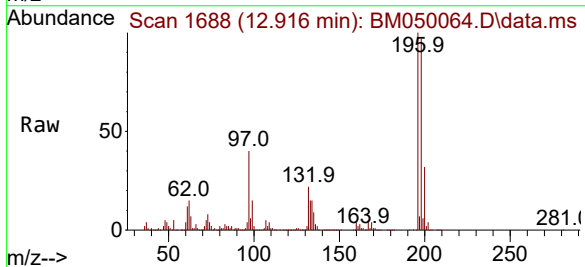
Instrument :
BNA_M
ClientSampleId :
PB167779BS

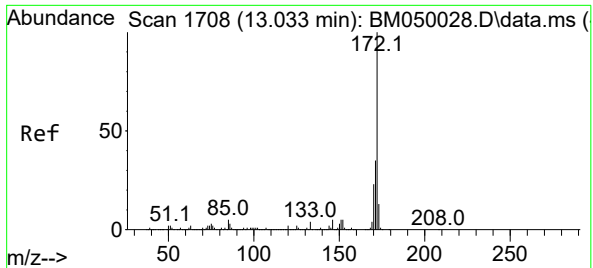
Tgt Ion:196 Resp: 691076
Ion Ratio Lower Upper
196 100
198 98.3 79.0 118.6
200 32.1 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 46.880 ng
RT: 12.916 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:196 Resp: 737586
Ion Ratio Lower Upper
196 100
198 97.2 76.7 115.1
97 39.8 30.1 45.1
132 21.7 16.6 25.0

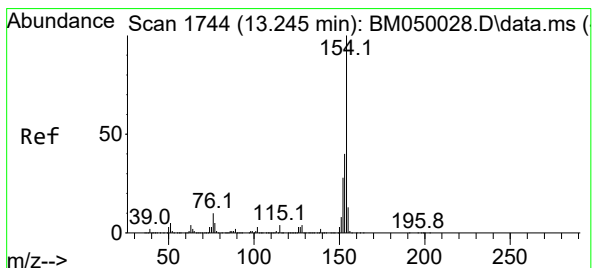
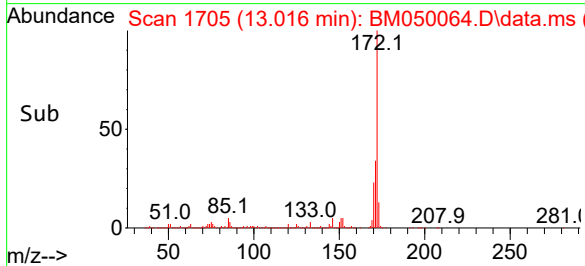
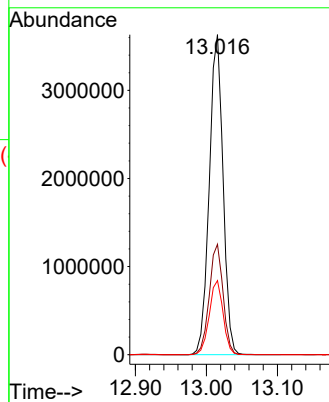
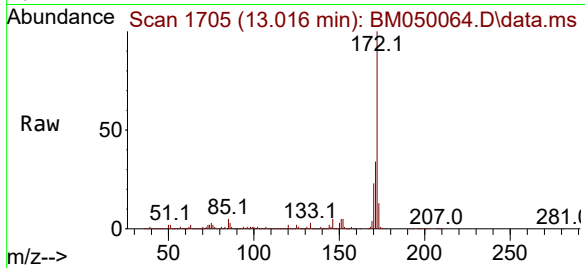




#45
2-Fluorobiphenyl
Concen: 87.243 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

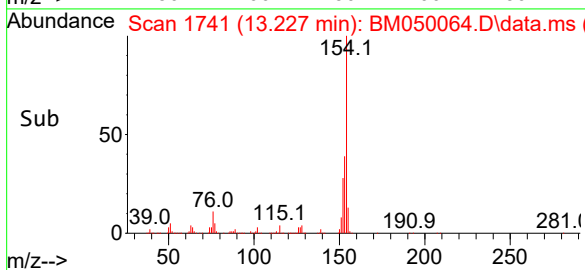
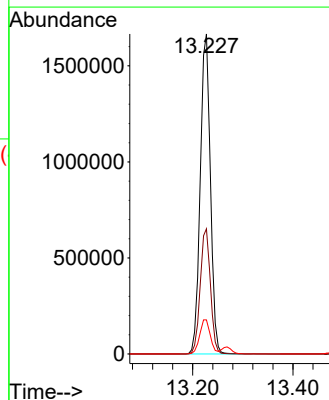
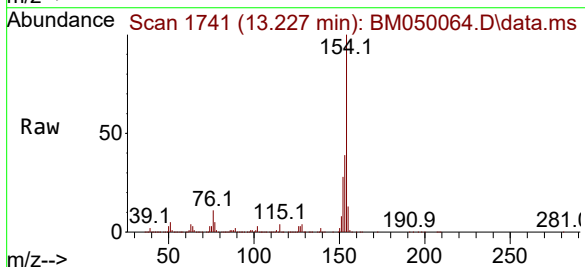
Instrument :
BNA_M
ClientSampleId :
PB167779BS

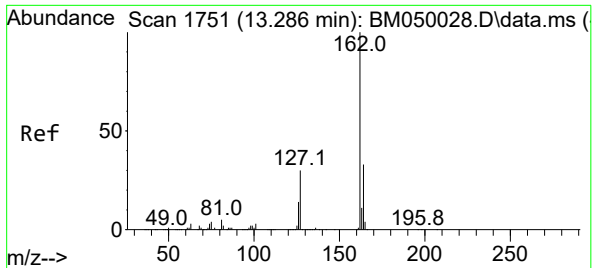
Tgt Ion:172 Resp: 4900655
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.158 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:154 Resp: 2329469
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 10.7 0.0 30.3

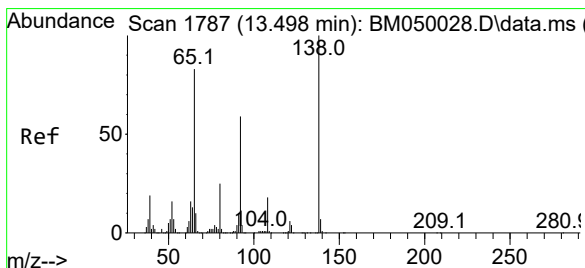
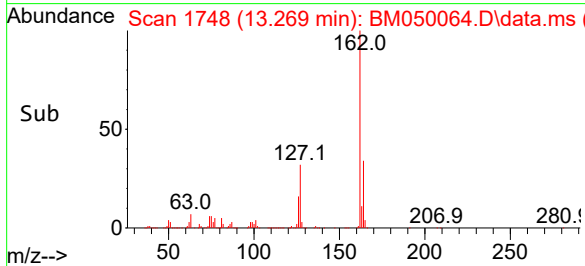
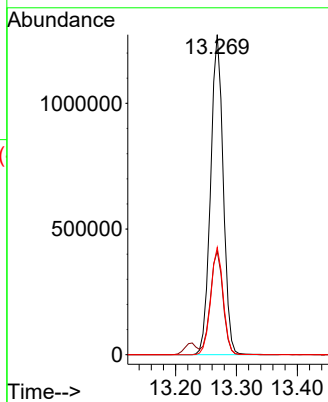
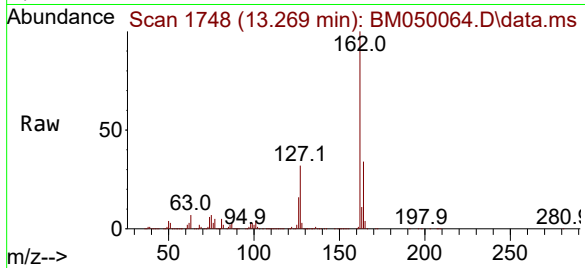




#47
2-Chloronaphthalene
Concen: 46.840 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

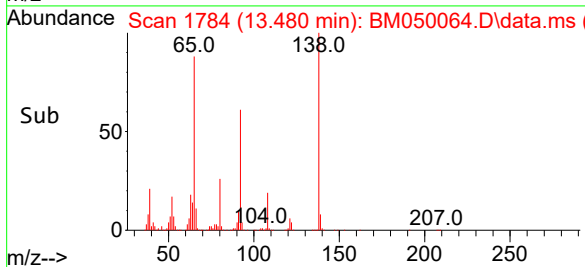
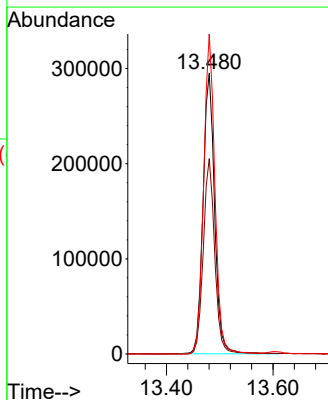
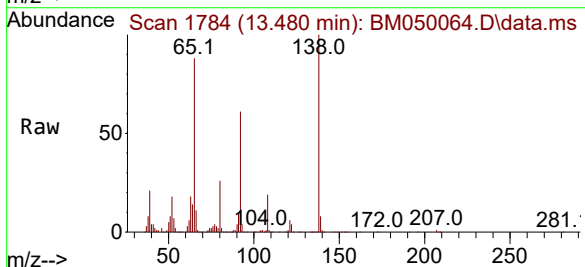
Instrument :
BNA_M
ClientSampleId :
PB167779BS

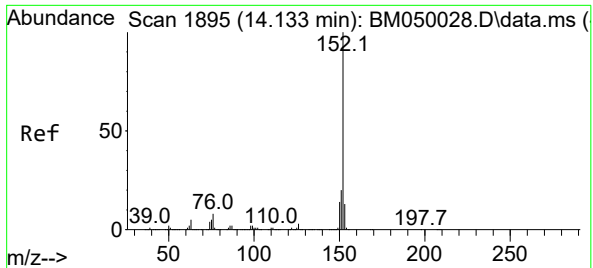
Tgt Ion:162 Resp: 1832486
Ion Ratio Lower Upper
162 100
127 32.3 25.9 38.9
164 33.5 26.6 40.0



#48
2-Nitroaniline
Concen: 48.577 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion: 65 Resp: 446033
Ion Ratio Lower Upper
65 100
92 69.6 57.1 85.7
138 114.0 97.0 145.4

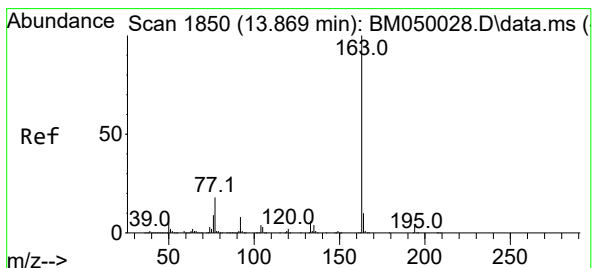
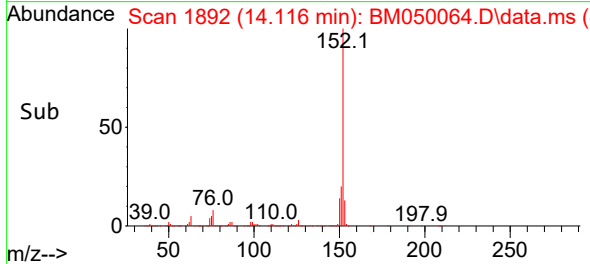
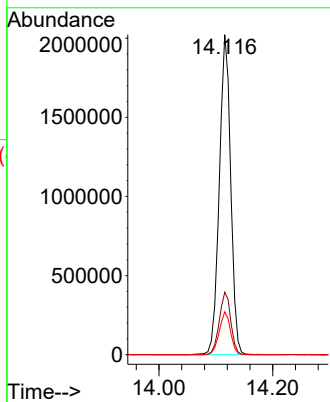
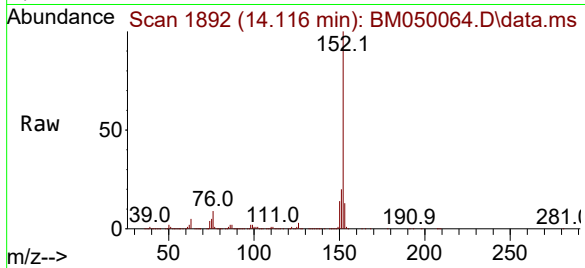




#49
Acenaphthylene
Concen: 45.679 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

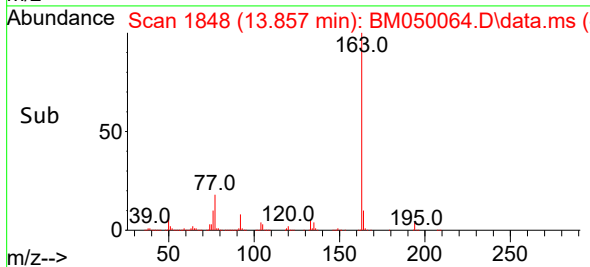
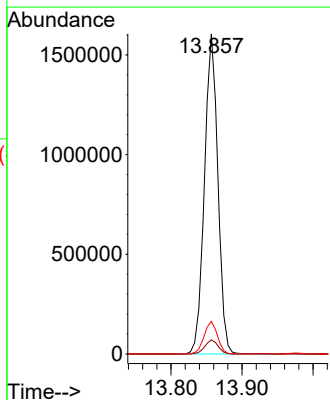
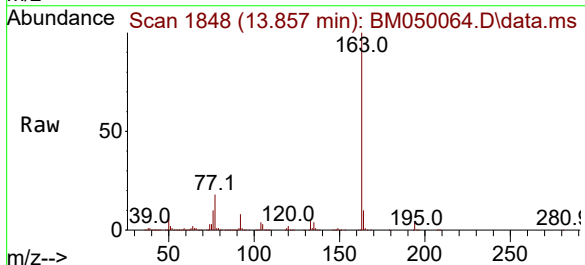
Instrument :
BNA_M
ClientSampleId :
PB167779BS

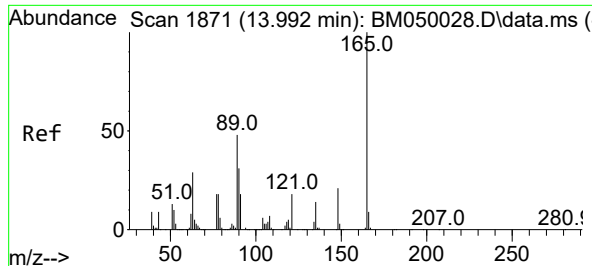
Tgt Ion:152 Resp: 2817647
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.4 10.6 15.8



#50
Dimethylphthalate
Concen: 43.498 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:163 Resp: 2112431
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.2

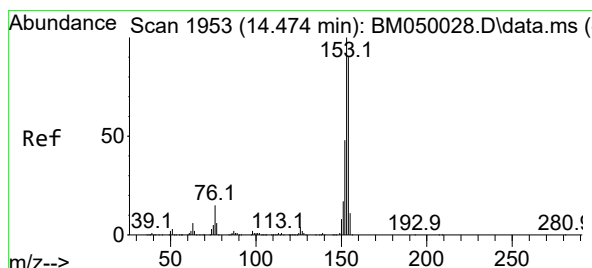
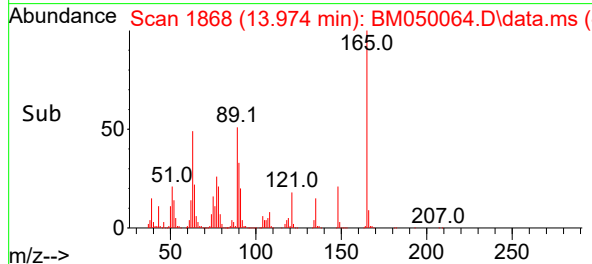
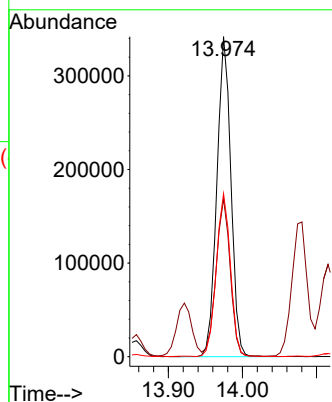
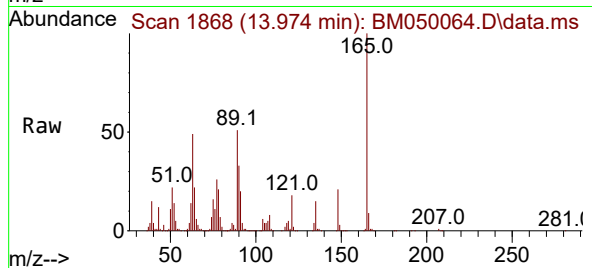




#51
2,6-Dinitrotoluene
Concen: 44.769 ng
RT: 13.974 min Scan# 1868
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

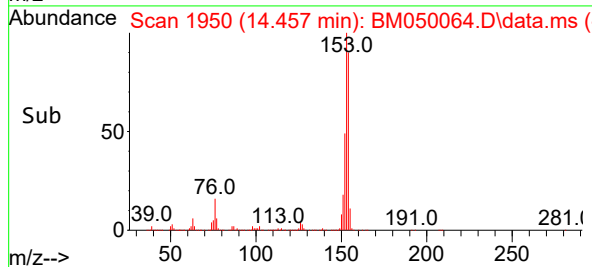
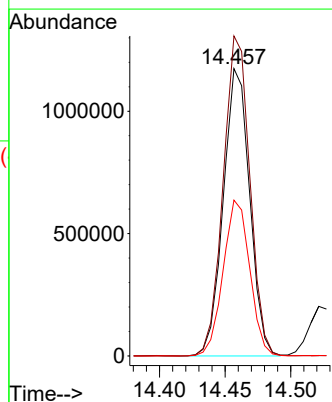
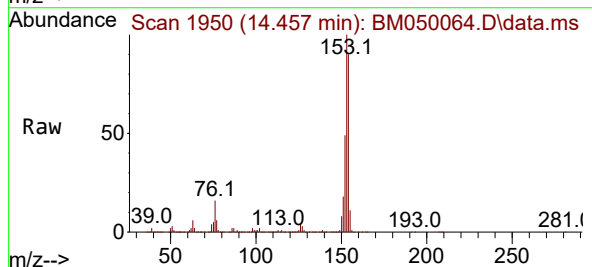
Instrument :
BNA_M
ClientSampleId :
PB167779BS

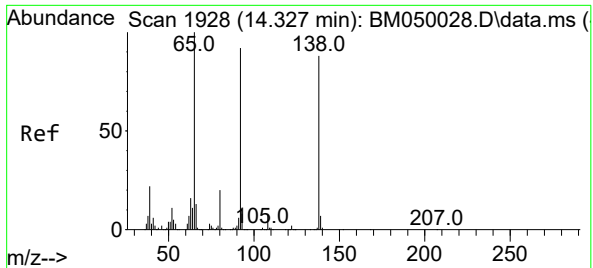
Tgt Ion:165 Resp: 450148
Ion Ratio Lower Upper
165 100
63 49.3 35.1 52.7
89 51.0 38.4 57.6



#52
Acenaphthene
Concen: 46.003 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:154 Resp: 1642526
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 54.2 43.0 64.6

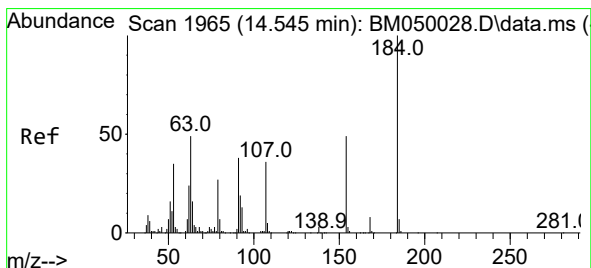
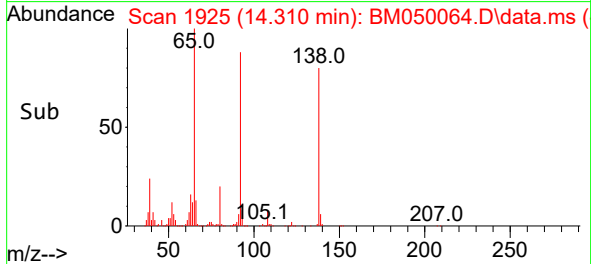
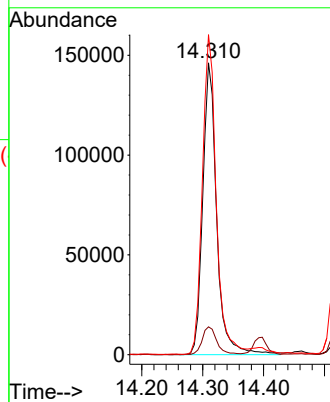
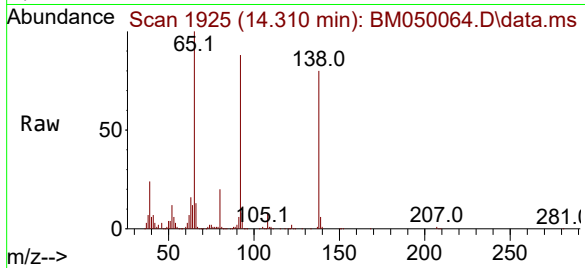




#53
3-Nitroaniline
Concen: 24.135 ng
RT: 14.310 min Scan# 1925
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

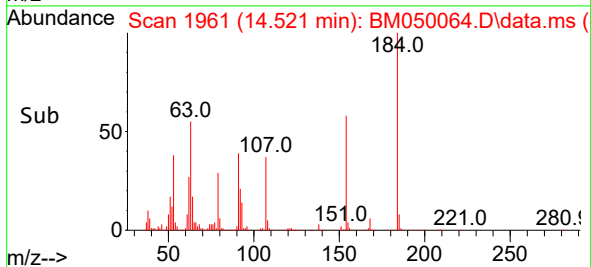
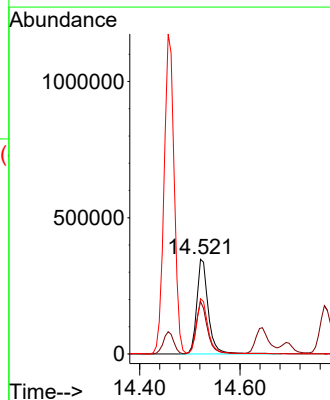
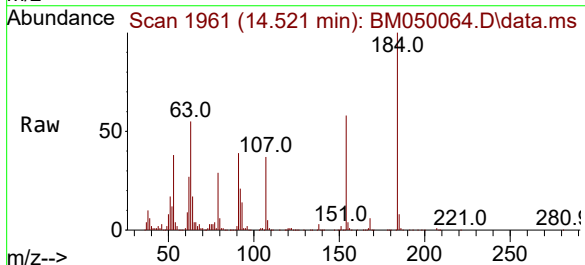
Instrument :
BNA_M
ClientSampleId :
PB167779BS

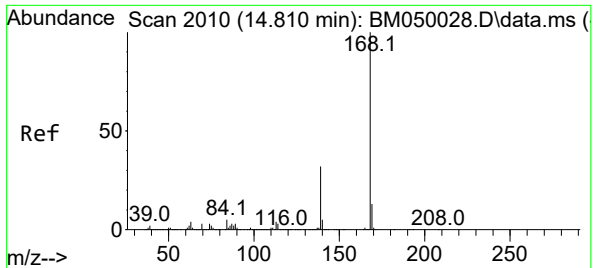
Tgt Ion:138 Resp: 231684
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 109.6 84.0 126.0



#54
2,4-Dinitrophenol
Concen: 85.470 ng
RT: 14.521 min Scan# 1961
Delta R.T. -0.024 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:184 Resp: 552700
Ion Ratio Lower Upper
184 100
63 55.5 39.8 59.6
154 58.4 46.1 69.1





#55

Dibenzenofuran

Concen: 45.062 ng

RT: 14.798 min Scan# 20

Delta R.T. -0.012 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

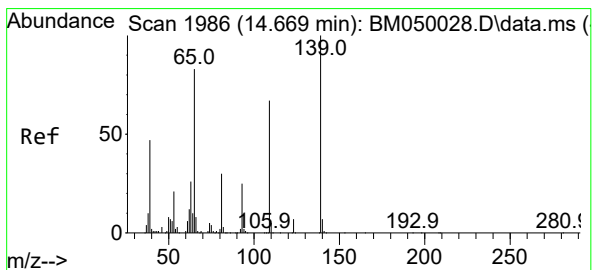
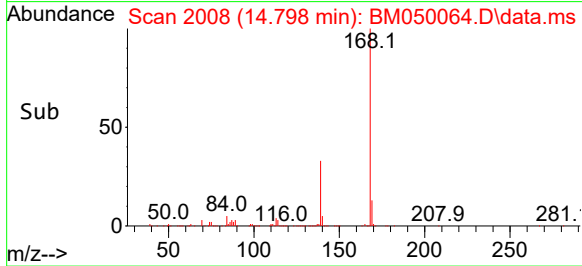
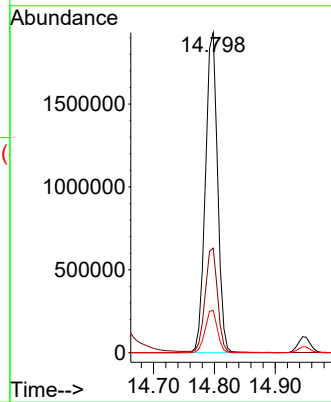
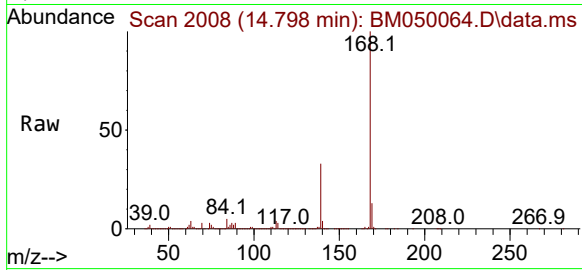
BNA_M

ClientSampleId :

PB167779BS

Tgt Ion:168 Resp: 2676911

Ion	Ratio	Lower	Upper
168	100		
139	32.7	26.1	39.1
169	13.3	10.8	16.2



#56

4-Nitrophenol

Concen: 89.936 ng

RT: 14.645 min Scan# 1982

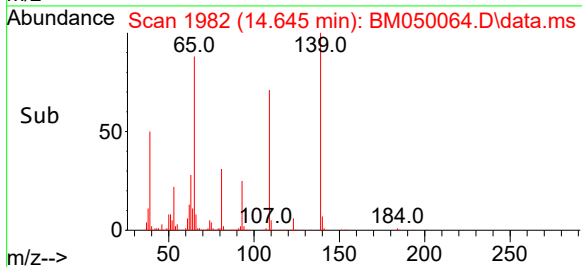
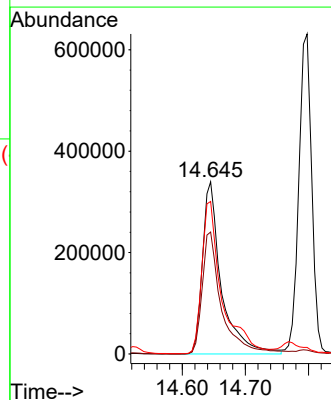
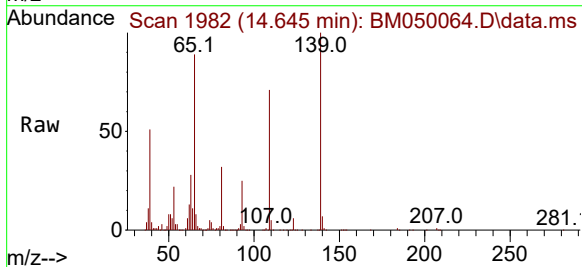
Delta R.T. -0.024 min

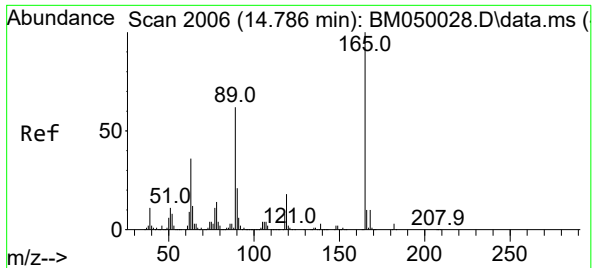
Lab File: BM050064.D

Acq: 01 May 2025 14:43

Tgt Ion:139 Resp: 707032

Ion	Ratio	Lower	Upper
139	100		
109	70.8	47.0	87.0
65	88.6	64.3	104.3

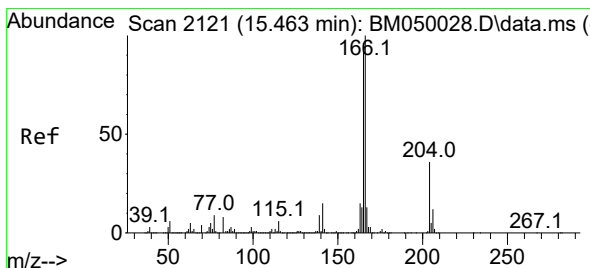
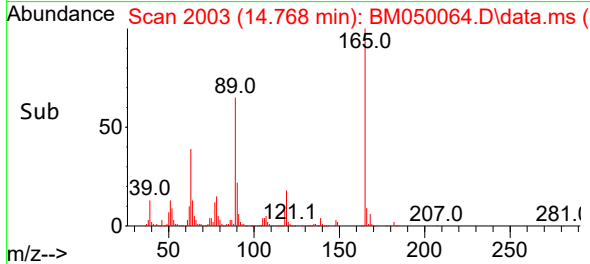
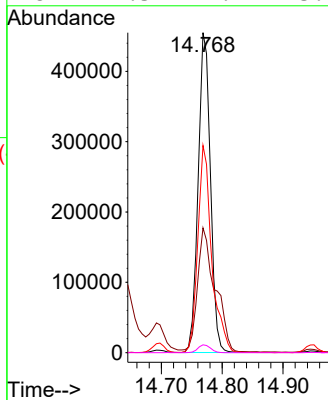
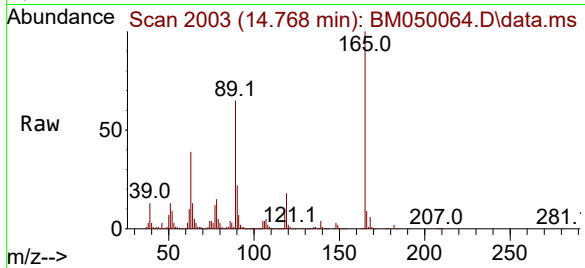




#57
2,4-Dinitrotoluene
Concen: 45.852 ng
RT: 14.768 min Scan# 20
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

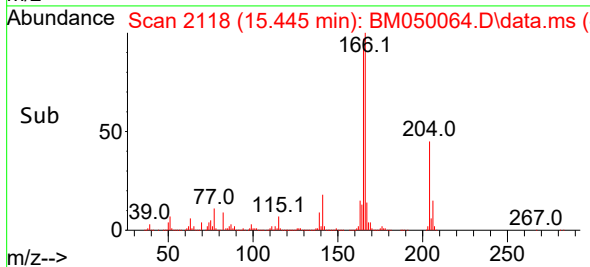
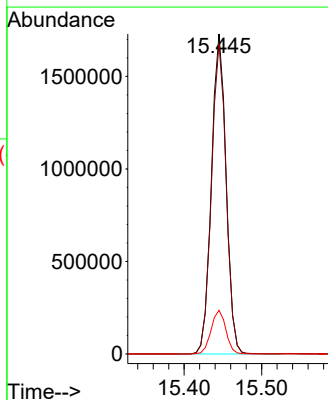
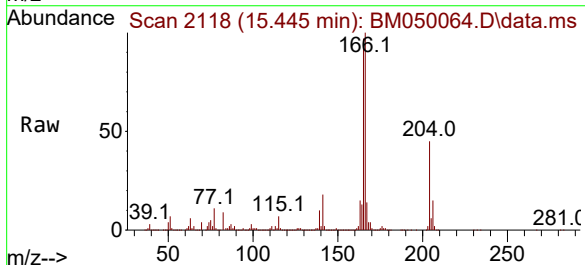
Instrument :
BNA_M
ClientSampleId :
PB167779BS

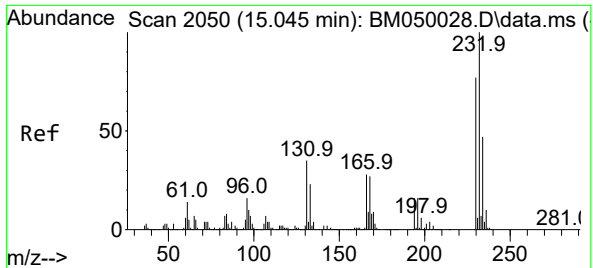
Tgt Ion:165 Resp: 637054
Ion Ratio Lower Upper
165 100
63 39.0 29.0 43.6
89 64.7 49.4 74.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.675 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

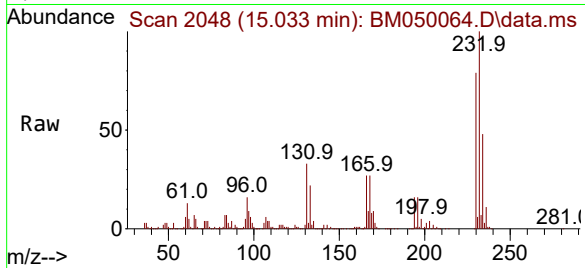
Tgt Ion:166 Resp: 2269556
Ion Ratio Lower Upper
166 100
165 96.9 76.6 115.0
167 13.6 10.6 16.0



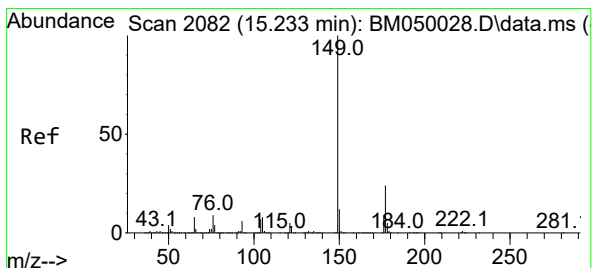
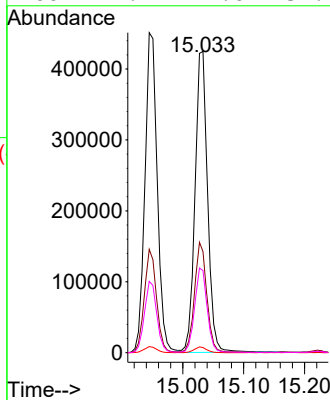
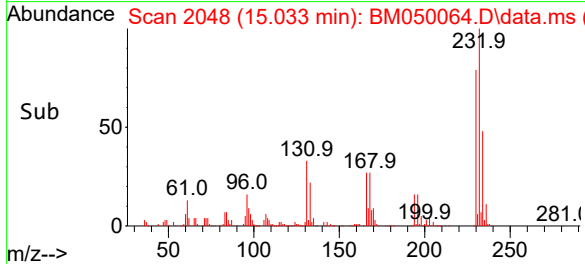


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.697 ng
RT: 15.033 min Scan# 2048
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

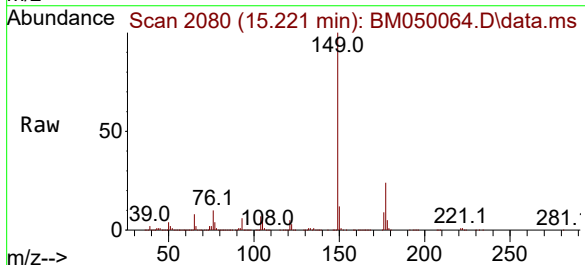
Instrument :
BNA_M
ClientSampleId :
PB167779BS



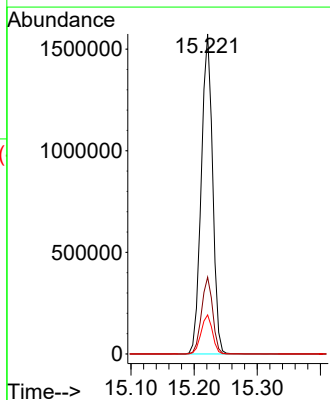
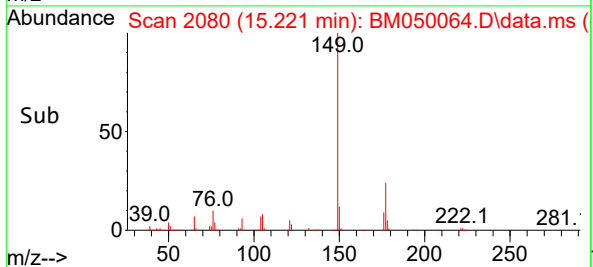
Tgt Ion:232 Resp: 608729
Ion Ratio Lower Upper
232 100
131 35.9 28.2 42.4
130 1.9 1.5 2.3
166 27.9 22.6 34.0

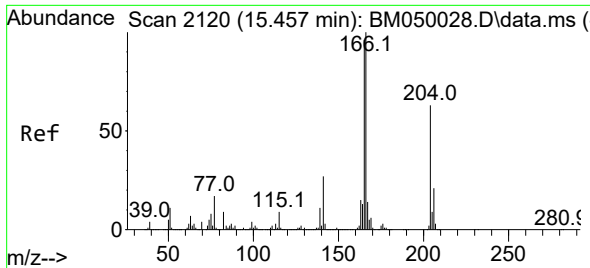


#60
Diethylphthalate
Concen: 42.921 ng
RT: 15.221 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43



Tgt Ion:149 Resp: 1964047
Ion Ratio Lower Upper
149 100
177 24.0 19.1 28.7
150 12.2 9.6 14.4

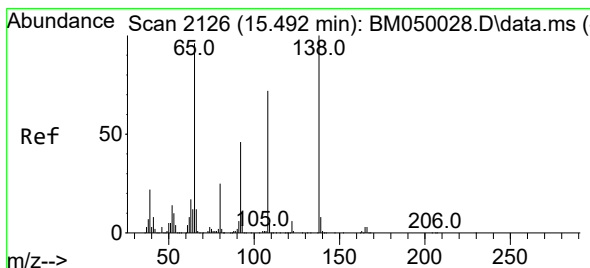
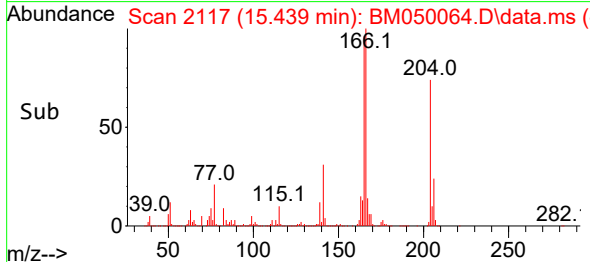
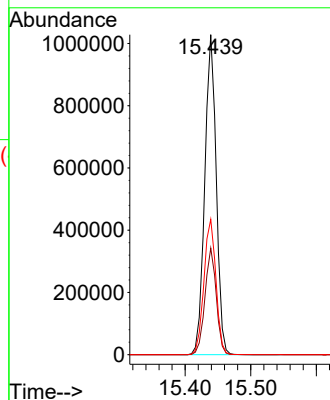
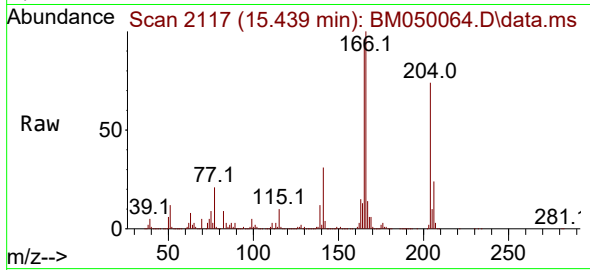




#61
4-Chlorophenyl-phenylether
Concen: 46.960 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

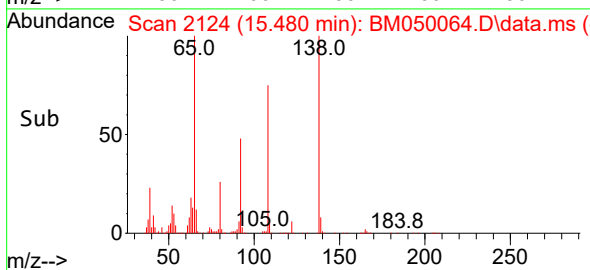
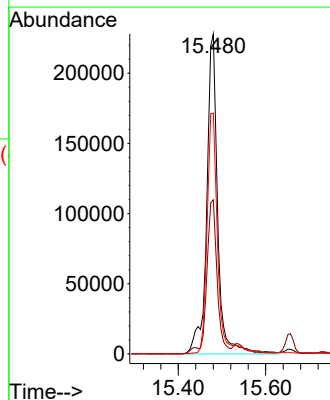
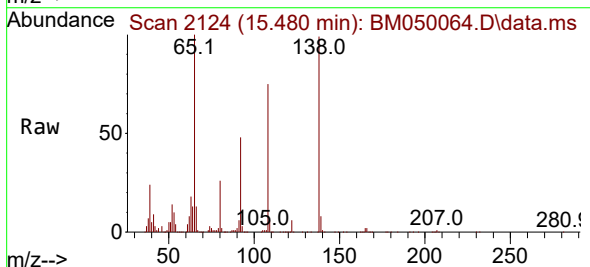
Instrument :
BNA_M
ClientSampleId :
PB167779BS

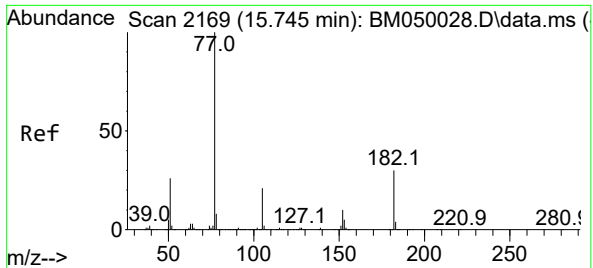
Tgt Ion:204 Resp: 1254179
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 42.3 34.0 51.0



#62
4-Nitroaniline
Concen: 43.102 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:138 Resp: 399199
Ion Ratio Lower Upper
138 100
92 48.2 25.9 65.9
108 75.2 52.4 92.4

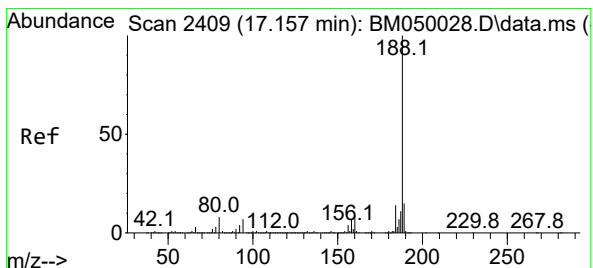
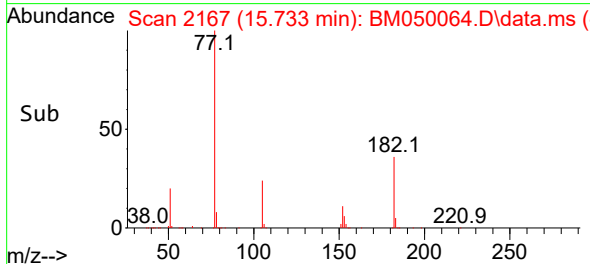
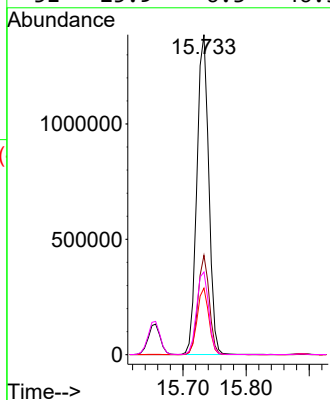
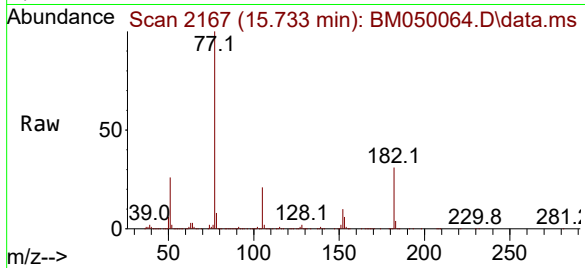




#63
Azobenzene
Concen: 47.006 ng
RT: 15.733 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

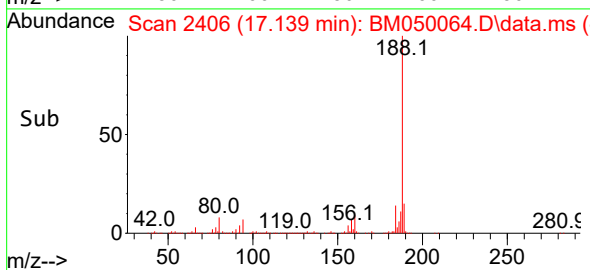
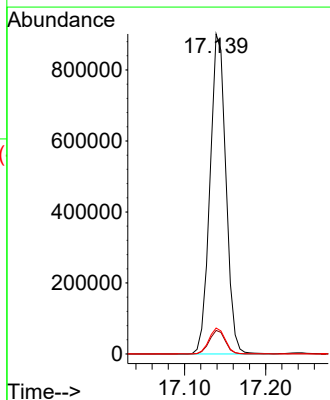
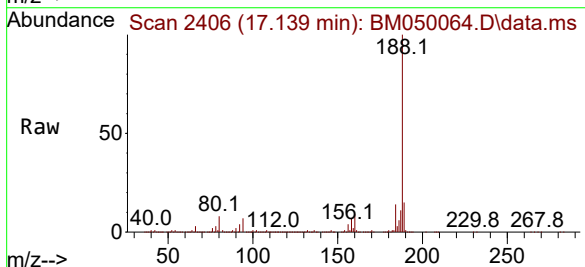
Instrument :
BNA_M
ClientSampleId :
PB167779BS

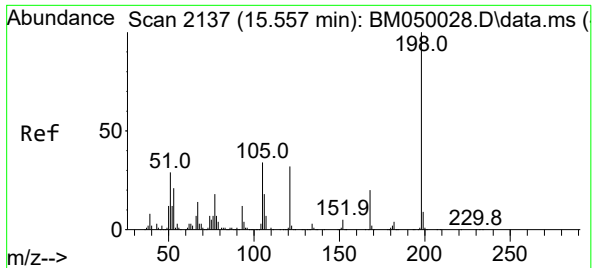
Tgt Ion: 77 Resp: 1802713
Ion Ratio Lower Upper
77 100
182 31.0 10.5 50.5
105 20.8 1.1 41.1
51 25.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:188 Resp: 1227379
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.1 6.2 9.4

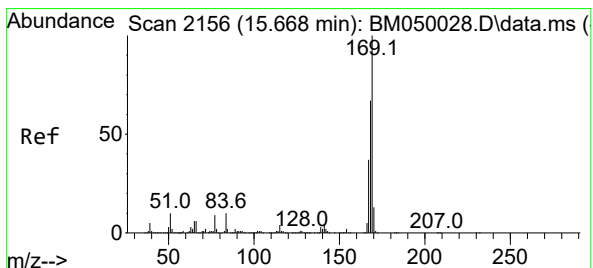
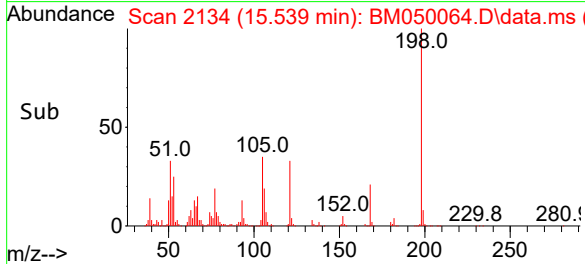
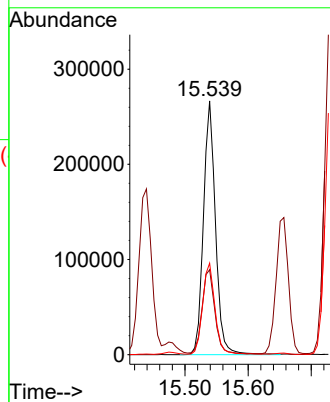
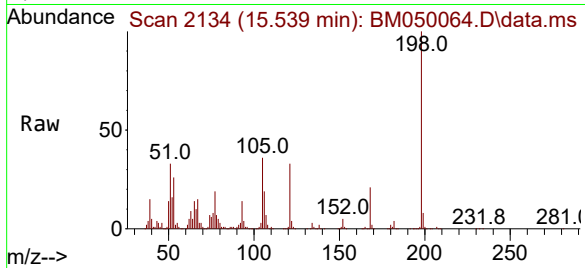




#65
4,6-Dinitro-2-methylphenol
Concen: 46.113 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

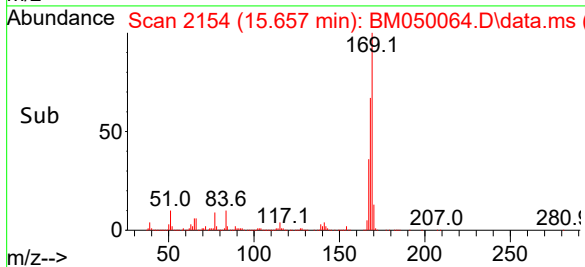
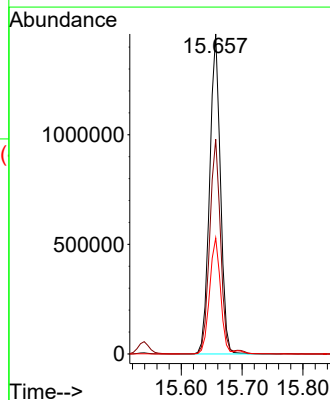
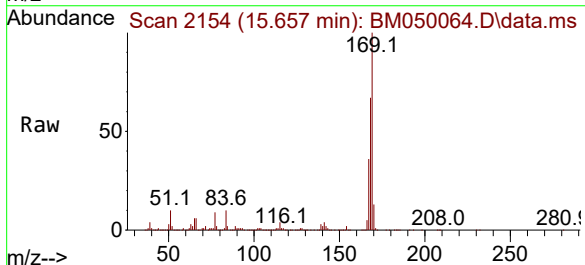
Instrument :
BNA_M
ClientSampleId :
PB167779BS

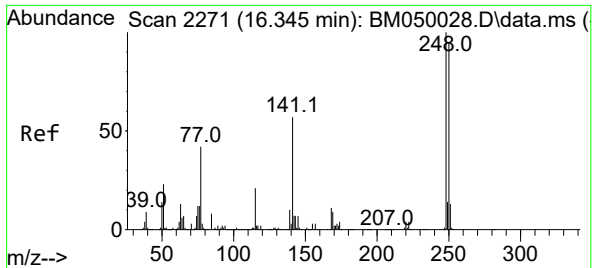
Tgt Ion:198 Resp: 354286
Ion Ratio Lower Upper
198 100
51 33.5 10.4 50.4
105 36.1 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 47.719 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:169 Resp: 1798532
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.3 29.4 44.0

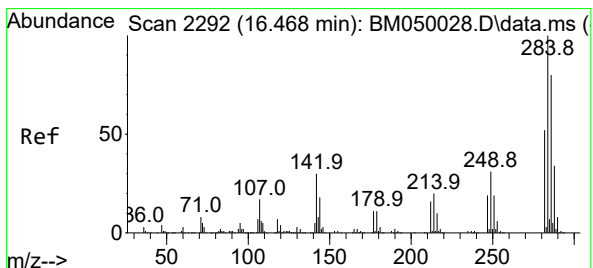
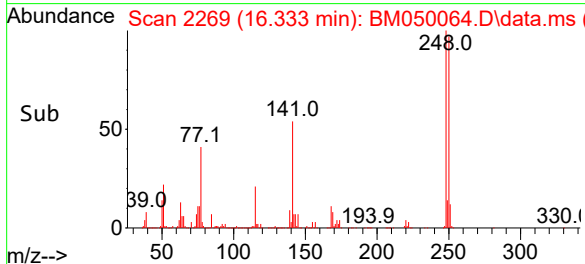
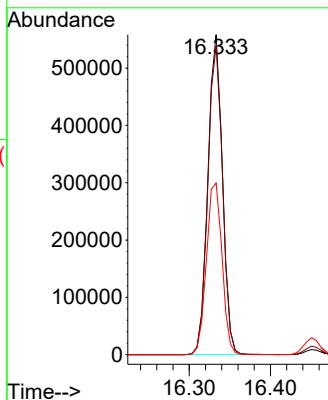
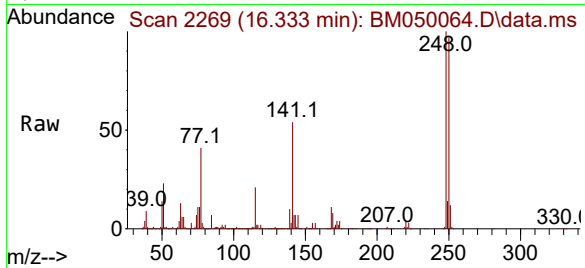




#67
4-Bromophenyl-phenylether
Concen: 46.831 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

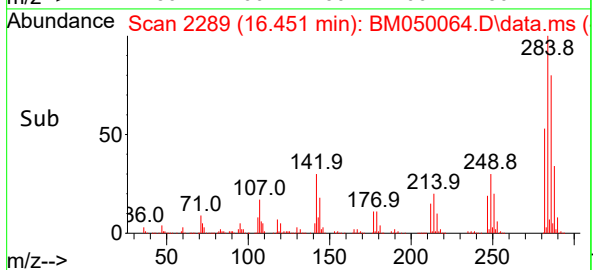
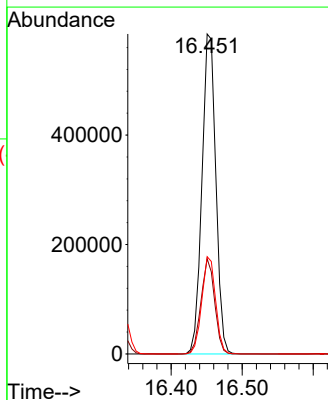
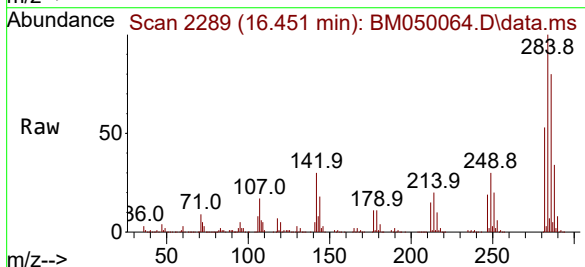
Instrument :
BNA_M
ClientSampleId :
PB167779BS

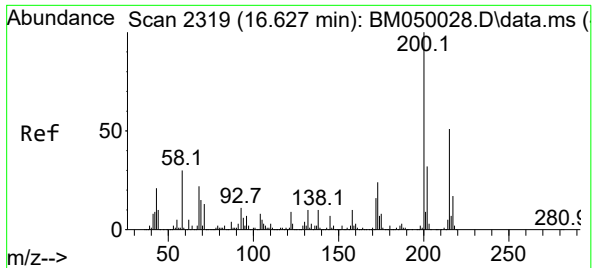
Tgt Ion:248 Resp: 695088
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.2
141 53.7 45.9 68.9



#68
Hexachlorobenzene
Concen: 46.587 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:284 Resp: 797047
Ion Ratio Lower Upper
284 100
142 29.8 23.9 35.9
249 30.4 24.5 36.7





#69

Atrazine

Concen: 46.289 ng

RT: 16.609 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

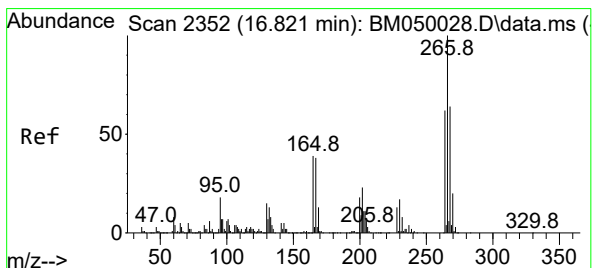
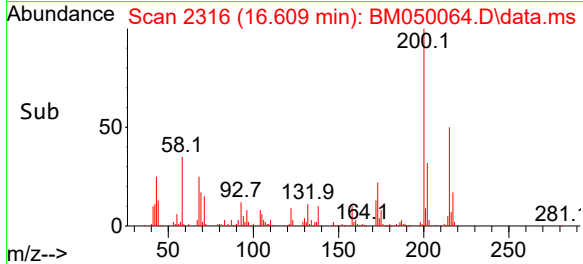
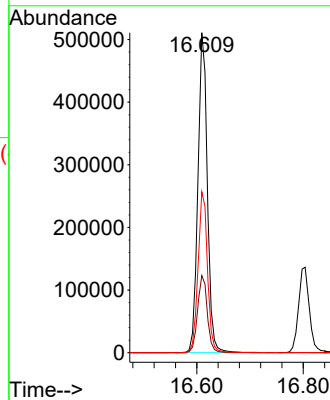
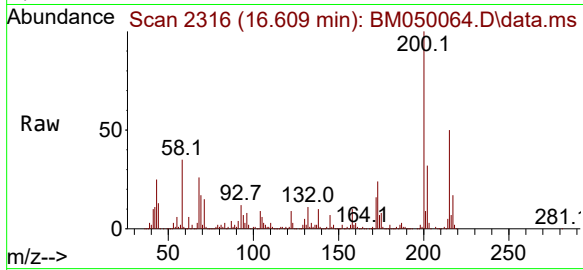
Tgt Ion:200 Resp: 629300

Ion Ratio Lower Upper

200 100

173 24.1 4.3 44.3

215 50.3 30.6 70.6



#70

Pentachlorophenol

Concen: 111.818 ng

RT: 16.804 min Scan# 2349

Delta R.T. -0.017 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

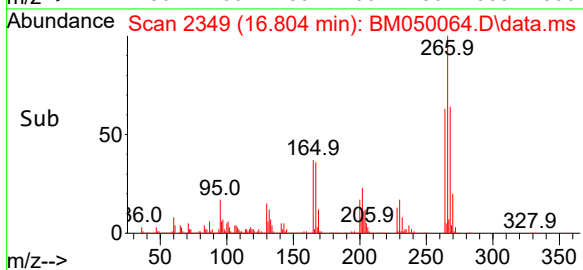
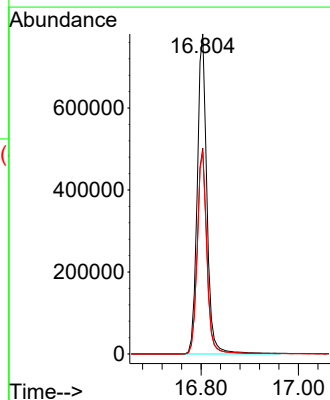
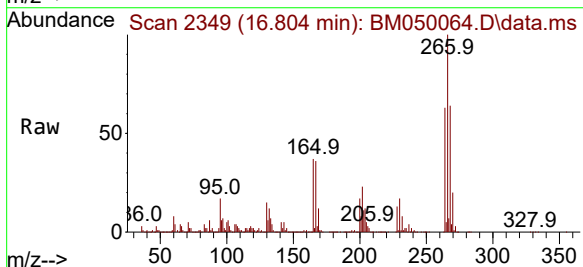
Tgt Ion:266 Resp: 1076855

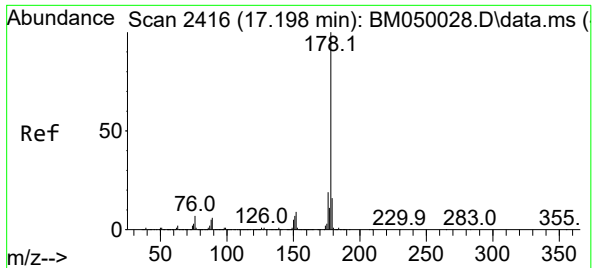
Ion Ratio Lower Upper

266 100

268 64.3 51.2 76.8

264 63.2 49.6 74.4

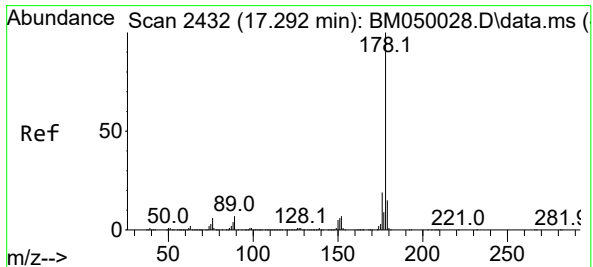
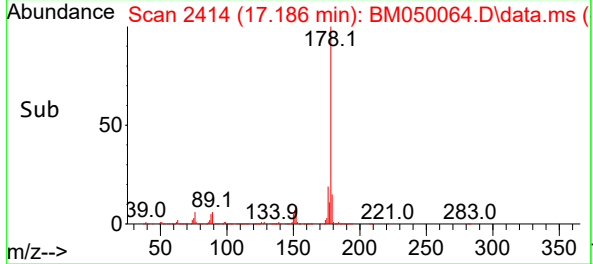
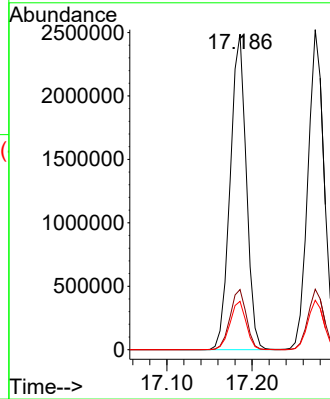
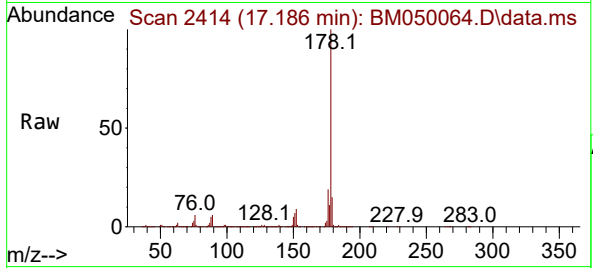




#71
Phenanthrene
Concen: 47.108 ng
RT: 17.186 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

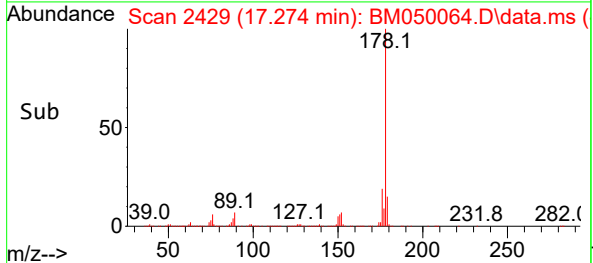
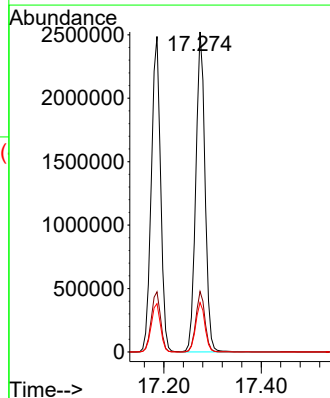
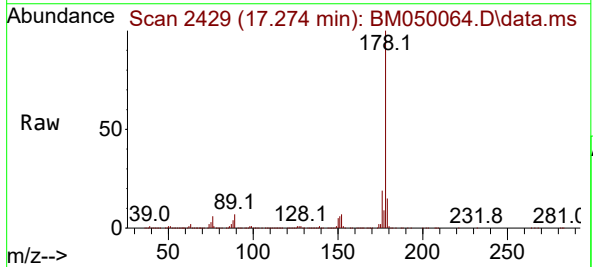
Instrument :
BNA_M
ClientSampleId :
PB167779BS

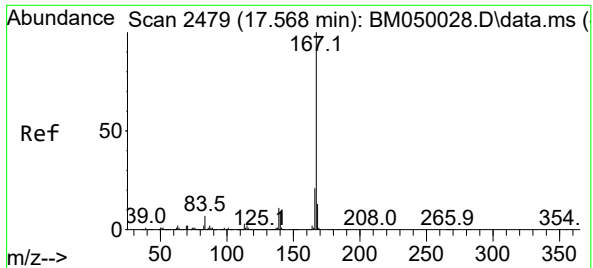
Tgt Ion:178 Resp: 3261083
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 47.458 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:178 Resp: 3324709
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.5 12.2 18.4

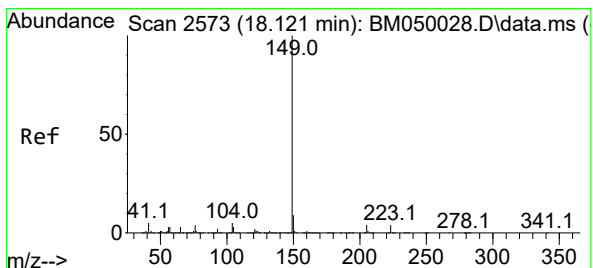
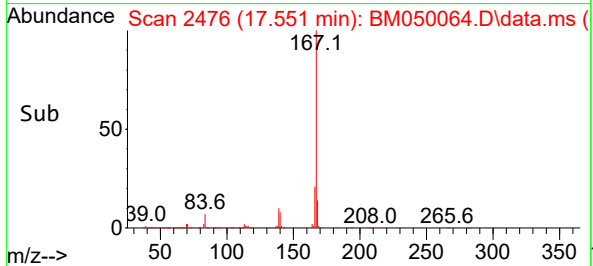
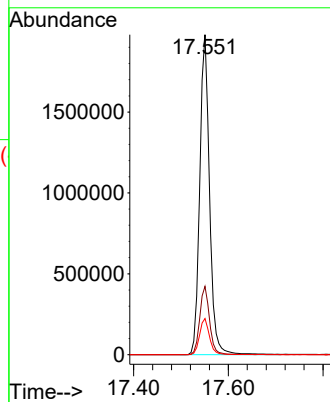
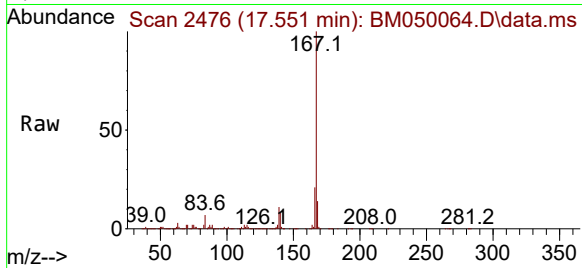




#73
Carbazole
Concen: 46.612 ng
RT: 17.551 min Scan# 2479
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

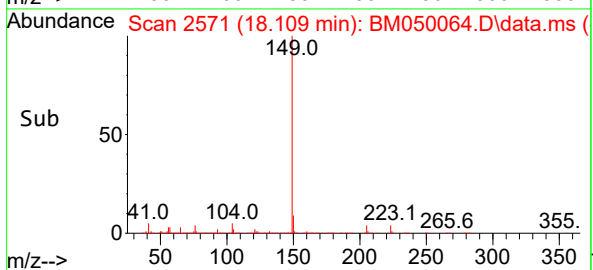
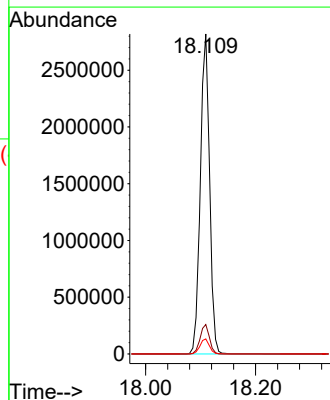
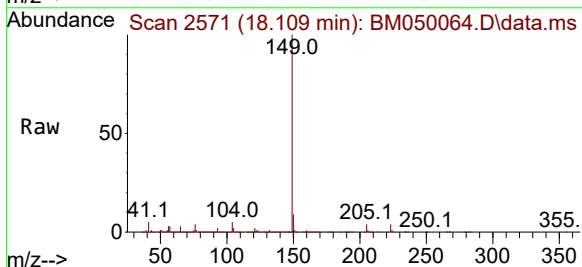
Instrument :
BNA_M
ClientSampleId :
PB167779BS

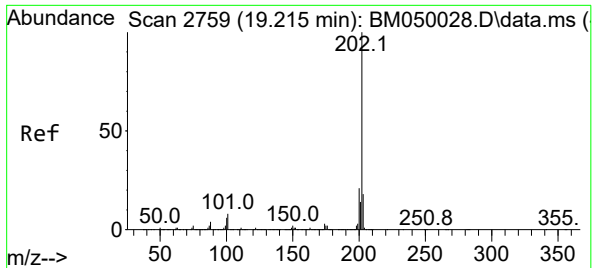
Tgt Ion:167 Resp: 2833553
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 11.3 9.0 13.6



#74
Di-n-butylphthalate
Concen: 45.540 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:149 Resp: 3296858
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.7 3.8 5.6

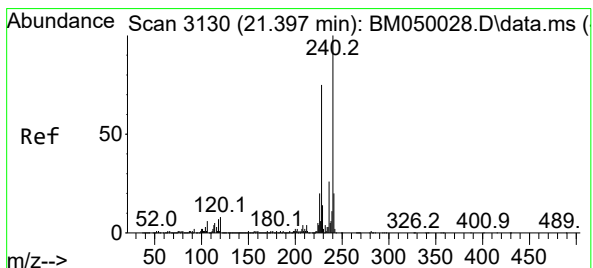
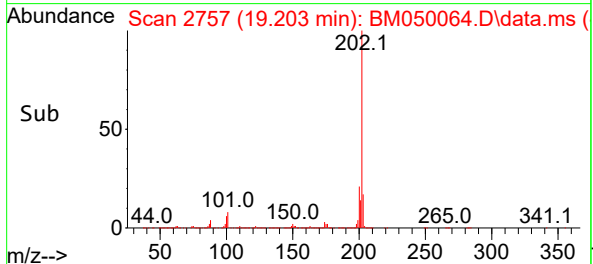
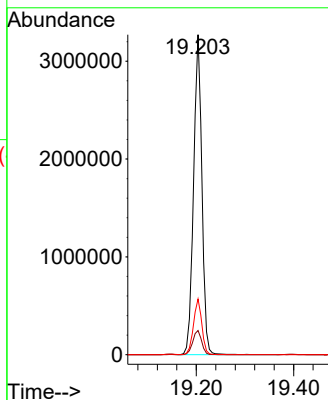
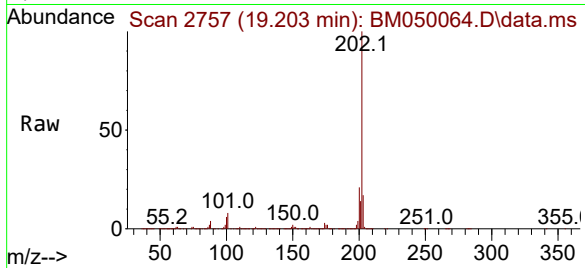




#75
Fluoranthene
Concen: 48.000 ng
RT: 19.203 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

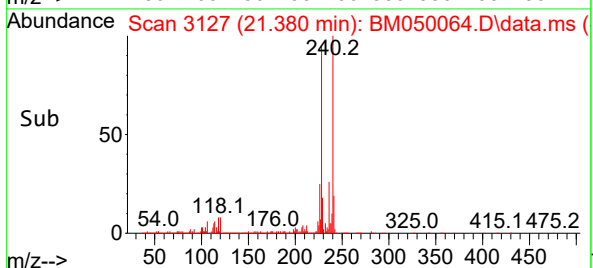
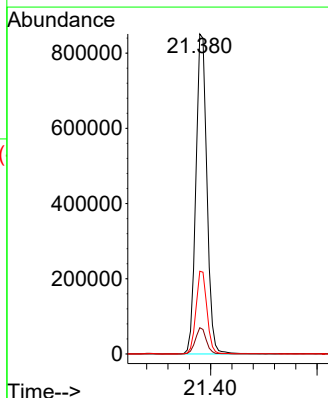
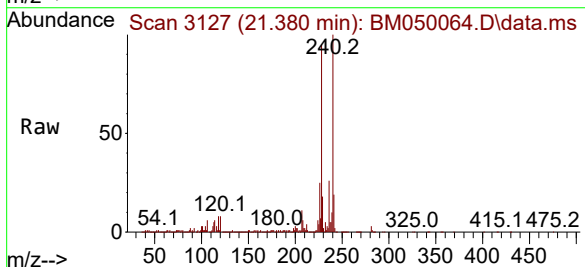
Instrument :
BNA_M
ClientSampleId :
PB167779BS

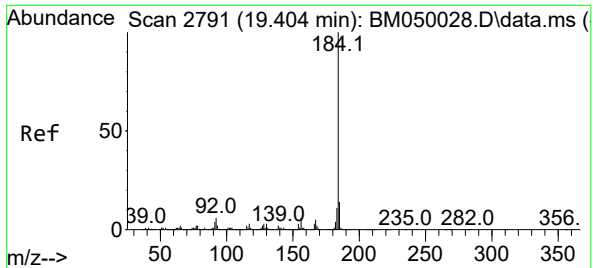
Tgt Ion:202 Resp: 3901183
Ion Ratio Lower Upper
202 100
101 7.5 0.0 28.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.017 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:240 Resp: 1219126
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.9 20.9 31.3

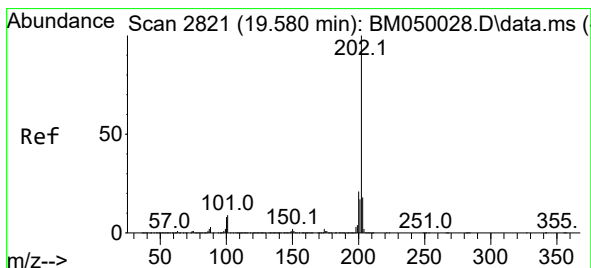
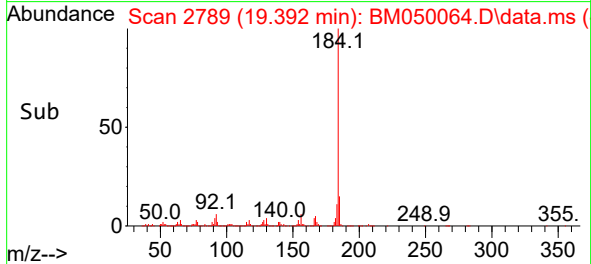
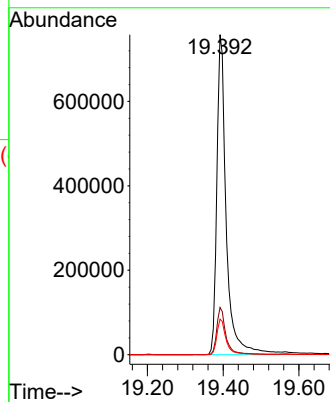
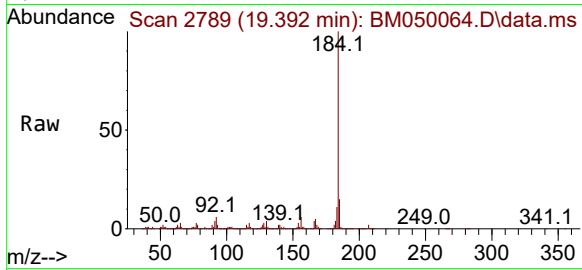




#77
Benzidine
Concen: 30.111 ng
RT: 19.392 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

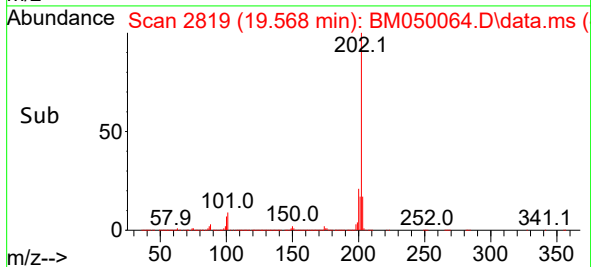
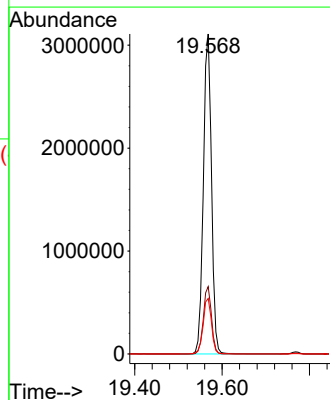
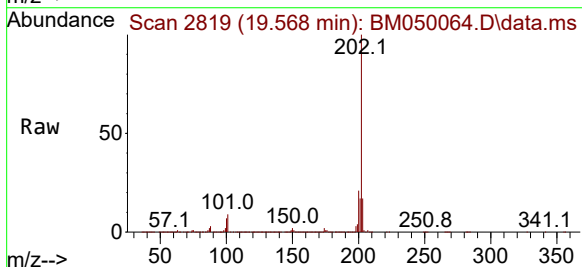
Instrument :
BNA_M
ClientSampleId :
PB167779BS

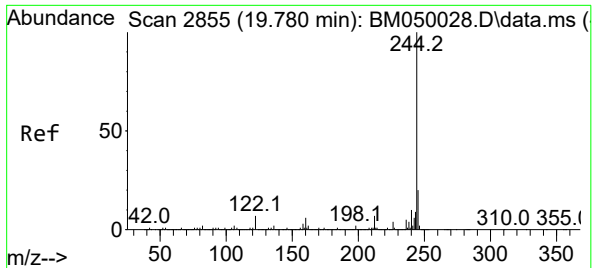
Tgt Ion:184 Resp: 1303939
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.1 8.9 13.3



#78
Pyrene
Concen: 47.002 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:202 Resp: 4023852
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 14.1 21.1

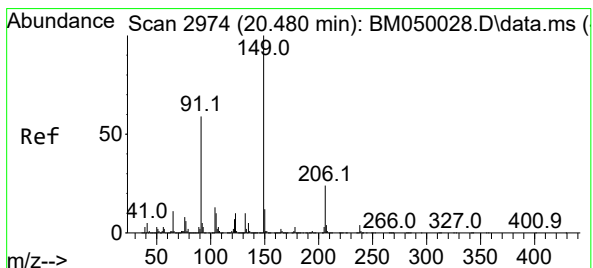
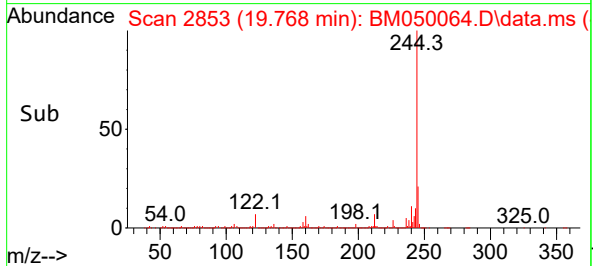
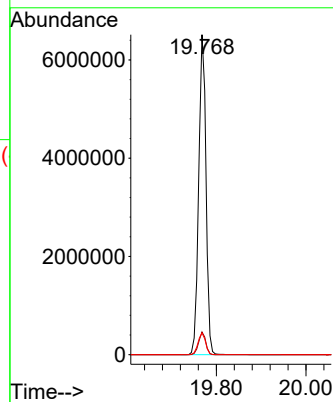
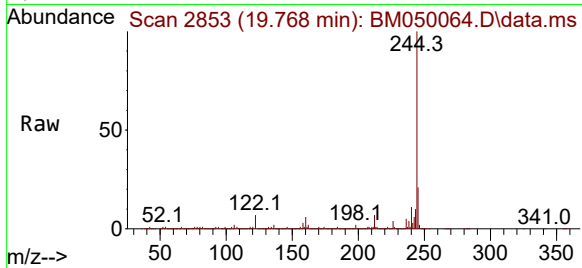




#79
Terphenyl-d14
Concen: 88.790 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

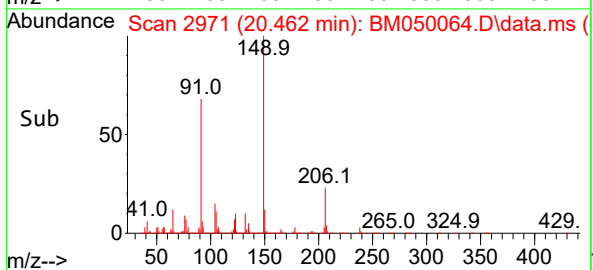
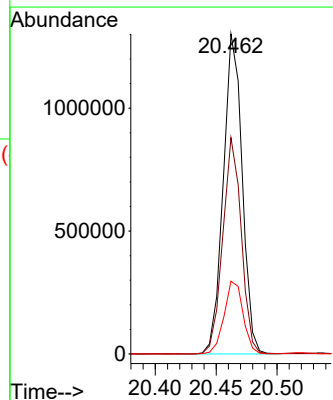
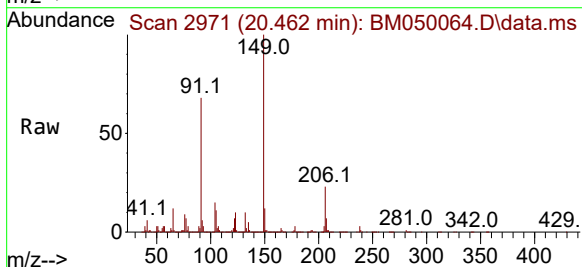
Instrument :
BNA_M
ClientSampleId :
PB167779BS

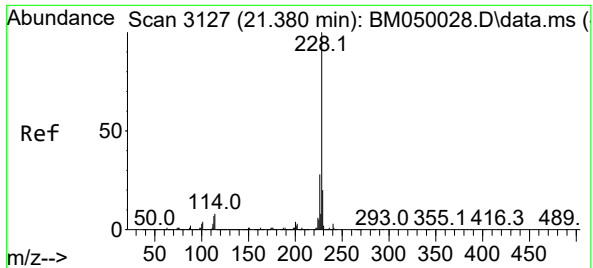
Tgt Ion:244 Resp: 7315200
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.8 5.6 8.4



#80
Butylbenzylphthalate
Concen: 43.946 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:149 Resp: 1409106
Ion Ratio Lower Upper
149 100
91 67.6 47.4 71.2
206 22.8 19.4 29.0

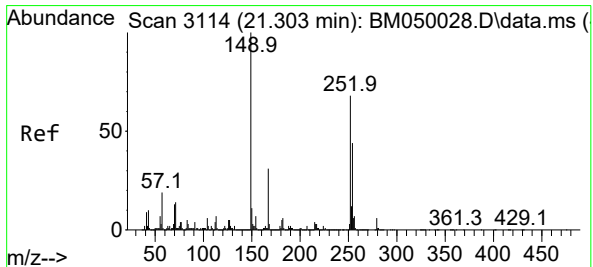
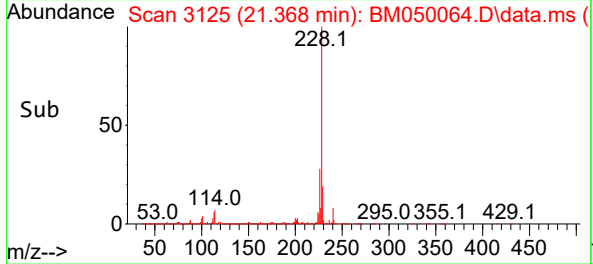
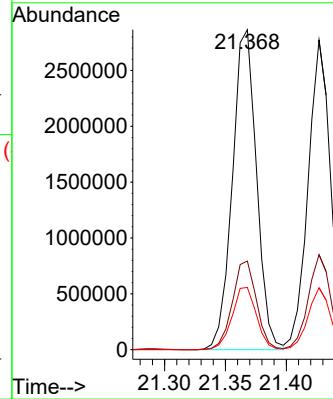
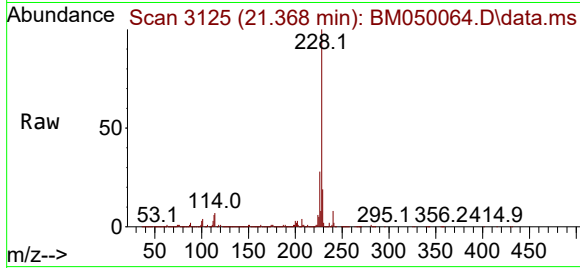




#81
Benzo(a)anthracene
Concen: 47.112 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

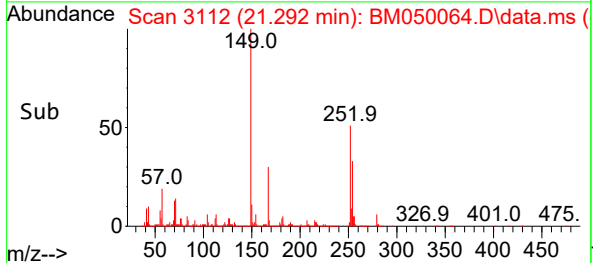
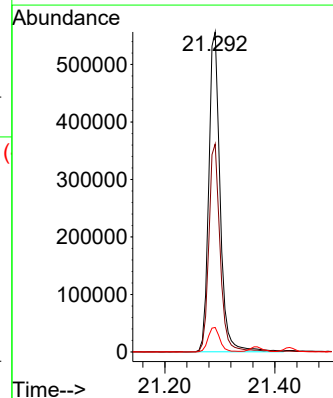
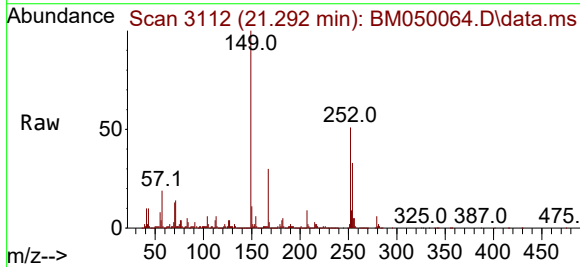
Instrument :
BNA_M
ClientSampleId :
PB167779BS

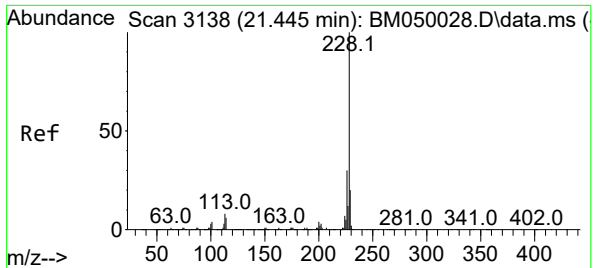
Tgt Ion:228 Resp: 3955177
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 24.784 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:252 Resp: 796508
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 7.6 6.0 9.0

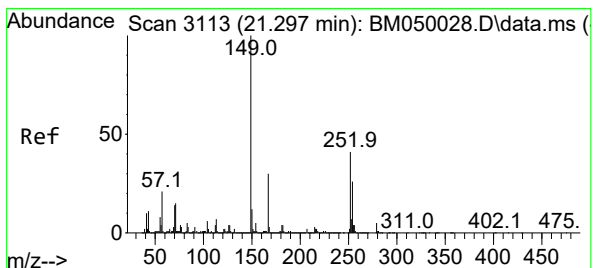
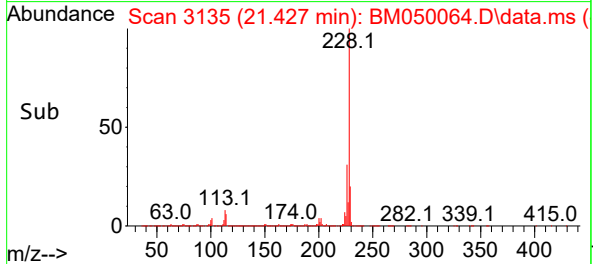
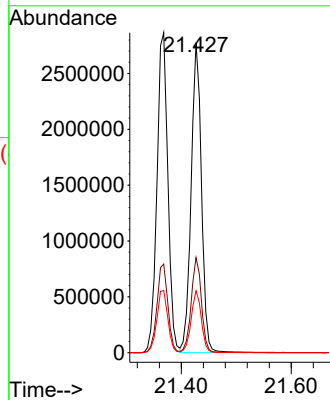
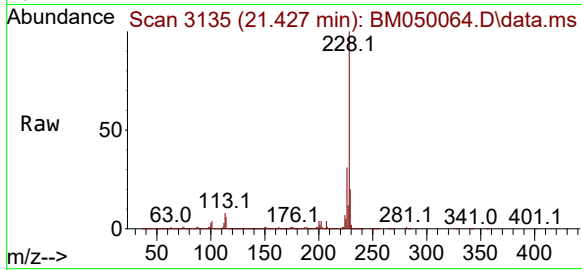




#83
Chrysene
Concen: 46.400 ng
RT: 21.427 min Scan# 3111
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

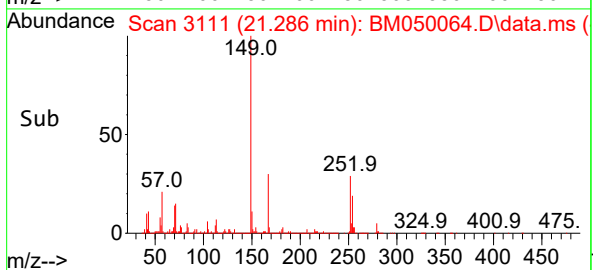
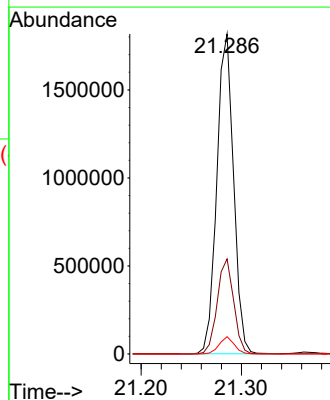
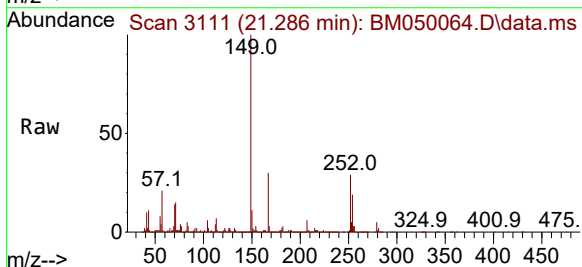
Instrument :
BNA_M
ClientSampleId :
PB167779BS

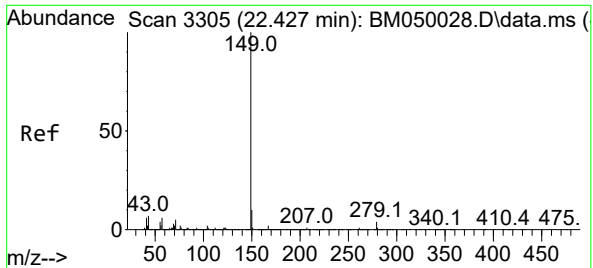
Tgt Ion:228 Resp: 3605282
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.0 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.844 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:149 Resp: 2099844
Ion Ratio Lower Upper
149 100
167 29.7 24.1 36.1
279 5.4 3.9 5.9

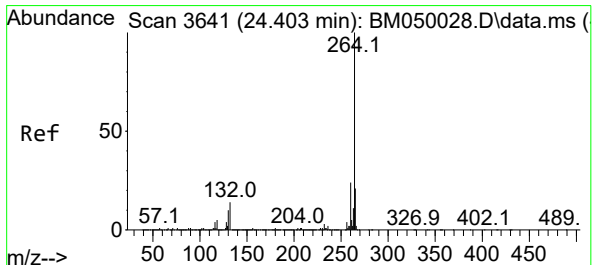
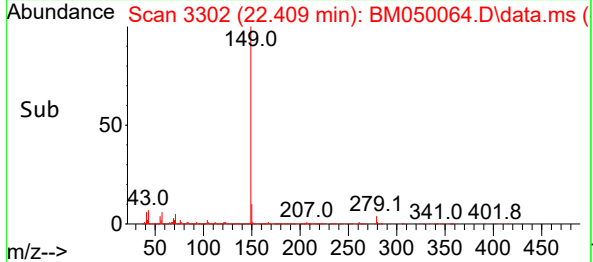
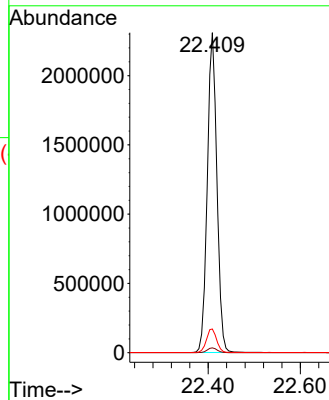
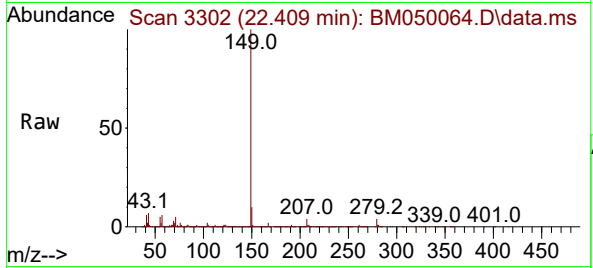




#85
Di-n-octyl phthalate
Concen: 42.556 ng
RT: 22.409 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

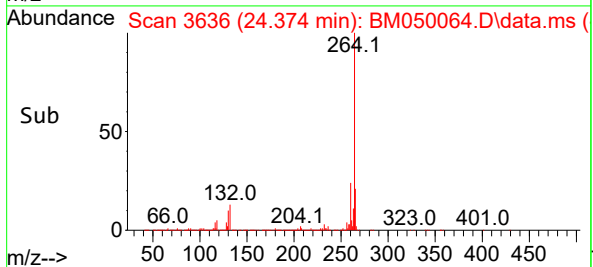
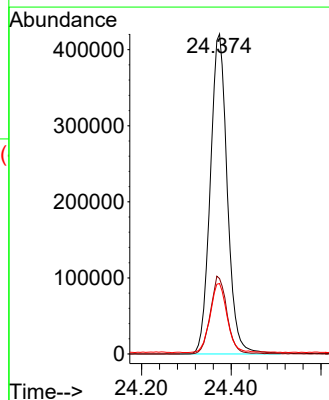
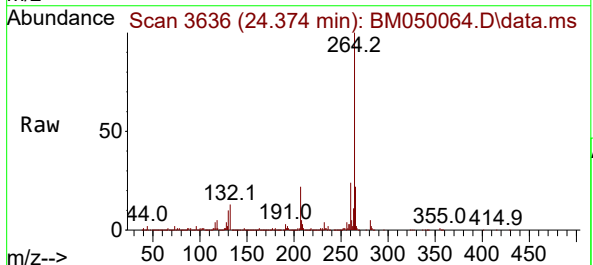
Instrument :
BNA_M
ClientSampleId :
PB167779BS

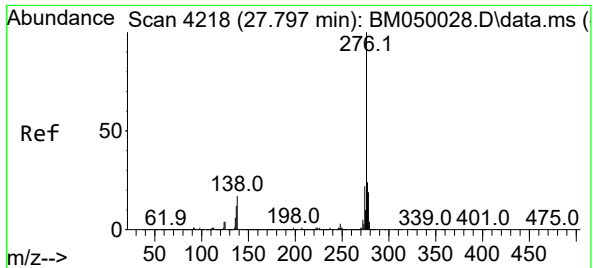
Tgt Ion:149 Resp: 3361210
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.8 5.8 8.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:264 Resp: 1104893
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.0 17.0 25.4

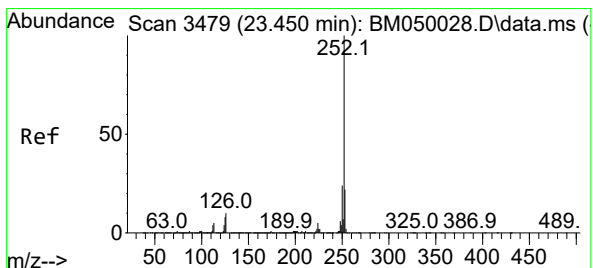
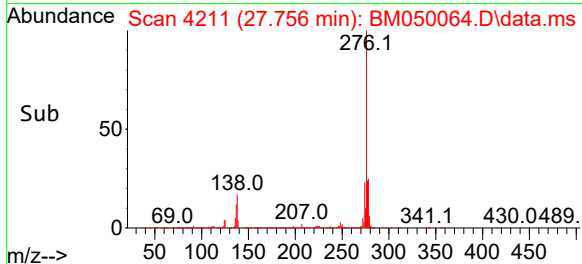
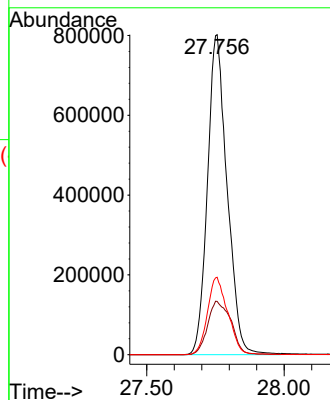
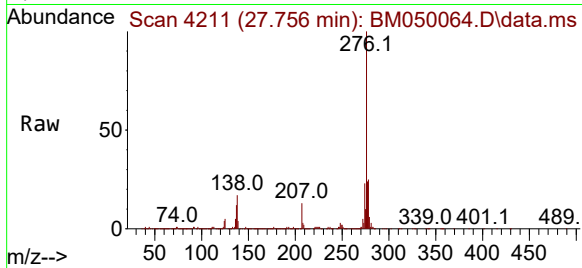




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.344 ng
RT: 27.756 min Scan# 41
Delta R.T. -0.041 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

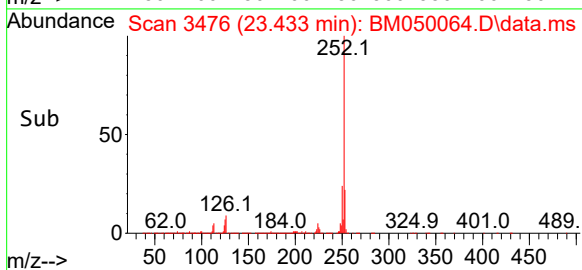
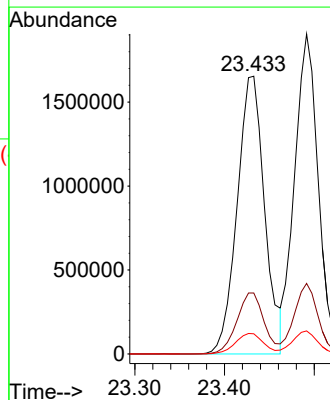
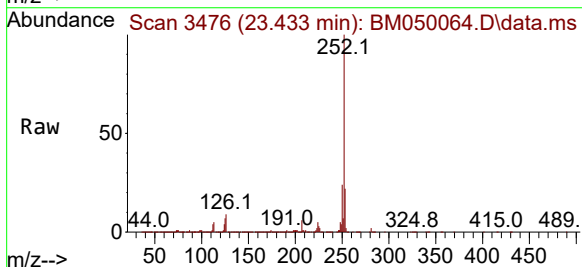
Instrument :
BNA_M
ClientSampleId :
PB167779BS

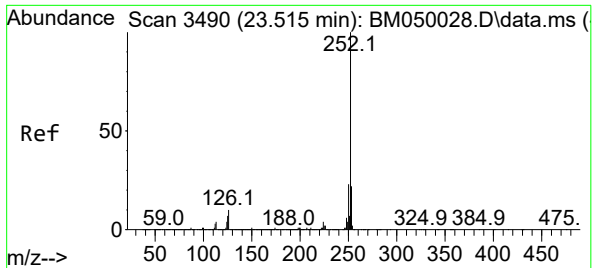
Tgt Ion:276 Resp: 3980042
Ion Ratio Lower Upper
276 100
138 19.9 16.4 24.6
277 25.1 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 48.984 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.018 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:252 Resp: 3519712
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.3 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 48.385 ng

RT: 23.491 min Scan# 34

Delta R.T. -0.024 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

Instrument :

BNA_M

ClientSampleId :

PB167779BS

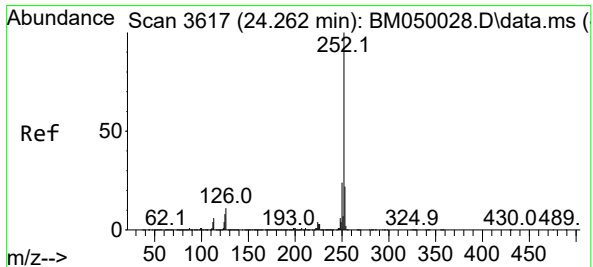
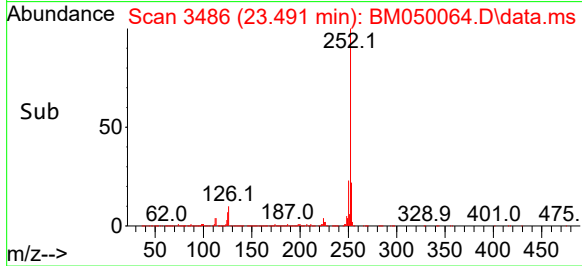
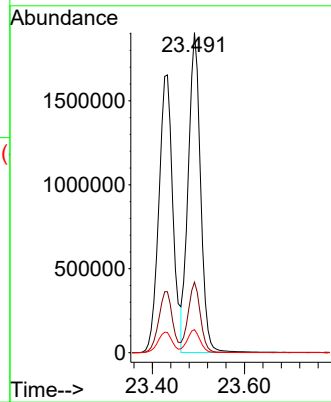
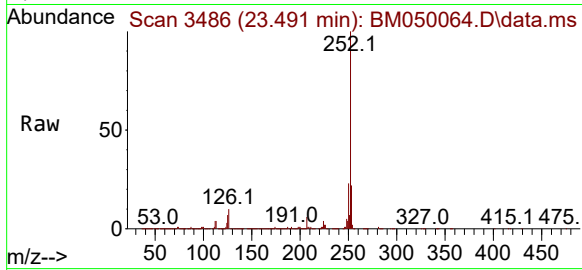
Tgt Ion:252 Resp: 3516759

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 7.2 5.8 8.8



#90

Benzo(a)pyrene

Concen: 48.393 ng

RT: 24.233 min Scan# 3612

Delta R.T. -0.029 min

Lab File: BM050064.D

Acq: 01 May 2025 14:43

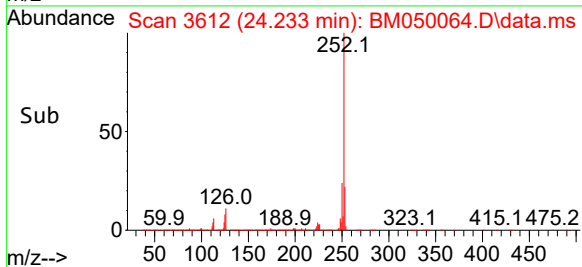
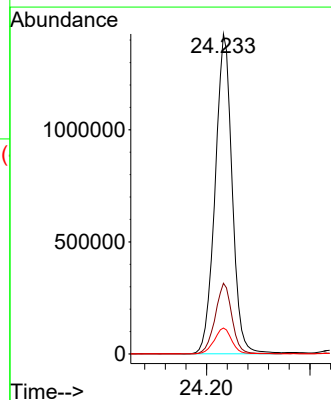
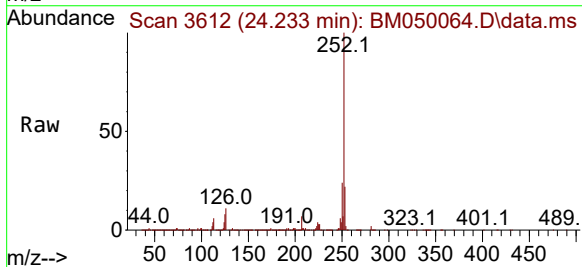
Tgt Ion:252 Resp: 3256786

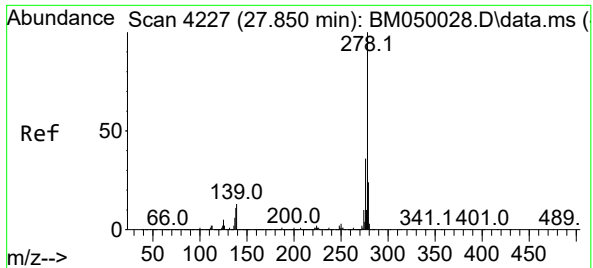
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.1 6.6 9.8

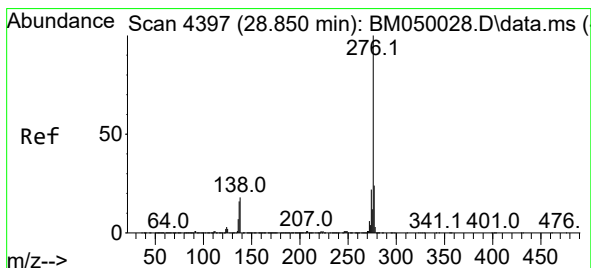
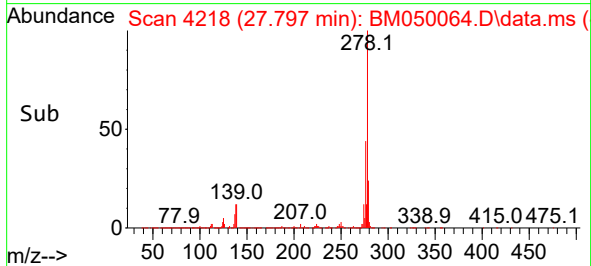
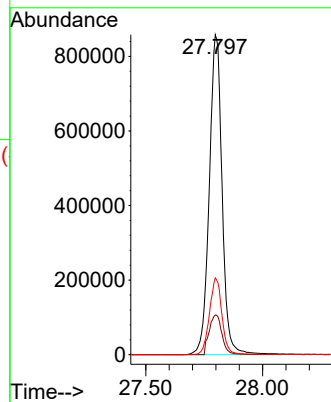
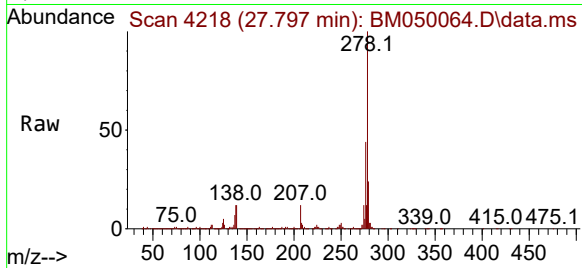




#91
Dibenzo(a,h)anthracene
Concen: 48.827 ng
RT: 27.797 min Scan# 41
Delta R.T. -0.053 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

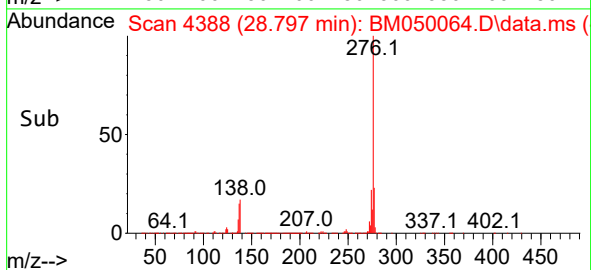
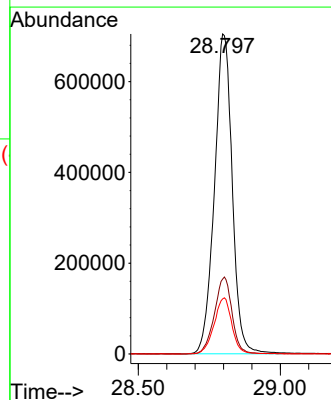
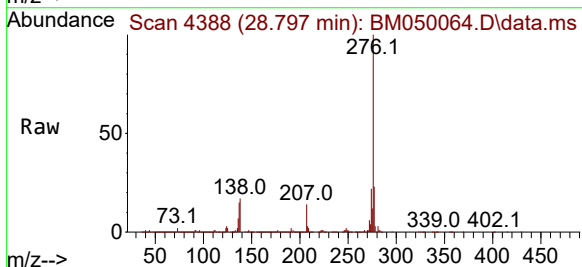
Instrument :
BNA_M
ClientSampleId :
PB167779BS

Tgt Ion:278 Resp: 3276826
Ion Ratio Lower Upper
278 100
139 12.4 10.5 15.7
279 24.0 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 47.762 ng
RT: 28.797 min Scan# 4388
Delta R.T. -0.053 min
Lab File: BM050064.D
Acq: 01 May 2025 14:43

Tgt Ion:276 Resp: 3068716
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 17.2 14.3 21.5



Report of Analysis

Client:	Kleinfelder	Date Collected:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142269.D	1	04/29/25 09:30	05/01/25 19:24	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1800		27.4	210	ug/Kg
86-73-7	Fluorene	1700		30.5	210	ug/Kg
85-01-8	Phenanthrene	2000		25.2	210	ug/Kg
120-12-7	Anthracene	1900		40.2	210	ug/Kg
129-00-0	Pyrene	1400		43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	1900		27.8	210	ug/Kg
218-01-9	Chrysene	1900		24.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		22.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		31.0	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	68.1		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.1		20 - 109	63%	SPK: 100
1718-51-0	Terphenyl-d14	43.9		10 - 105	44%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	208000	6.91			
1146-65-2	Naphthalene-d8	777000	8.192			
15067-26-2	Acenaphthene-d10	360000	9.945			
1517-22-2	Phenanthrene-d10	495000	11.427			
1719-03-5	Chrysene-d12	428000	14.074			
1520-96-3	Perylene-d12	473000	15.562			

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142269.D	1	04/29/25 09:30	05/01/25 19:24	PB167779

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\BF050125\
 Data File : BF142269.D
 Acq On : 01 May 2025 19:24
 Operator : RC/JU
 Sample : Q1901-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

05/02/2025

Supervised By :Jagrut
 Upadhyay
 05/02/2025

Quant Time: May 02 01:08:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	207729	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	776941	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	359640	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	495470	20.000	ng	0.00
76) Chrysene-d12	14.074	240	427878	20.000	ng	0.00
86) Perylene-d12	15.562	264	472653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1135655	87.311	ng	0.00
7) Phenol-d6	6.528	99	1416560	90.188	ng	0.00
23) Nitrobenzene-d5	7.469	82	805120	68.080	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	297829	90.840	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1610323	63.132	ng	0.00
79) Terphenyl-d14	13.015	244	1290400	43.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	227396	39.145	ng	99
3) Pyridine	3.516	79	610565	40.441	ng	100
4) n-Nitrosodimethylamine	3.469	42	354637	45.391	ng	100
6) Aniline	6.569	93	670525	30.161	ng	100
8) 2-Chlorophenol	6.692	128	603690	44.916	ng	100
9) Benzaldehyde	6.457	77	303867	27.680	ng	99
10) Phenol	6.539	94	746973m	44.175	ng	
11) bis(2-Chloroethyl)ether	6.639	93	585375	44.673	ng	98
12) 1,3-Dichlorobenzene	6.851	146	664859	43.727	ng	99
13) 1,4-Dichlorobenzene	6.928	146	668597	43.645	ng	100
14) 1,2-Dichlorobenzene	7.081	146	646554	44.210	ng	100
15) Benzyl Alcohol	7.045	79	489425	43.935	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1075078	45.436	ng	99
17) 2-Methylphenol	7.151	107	477055	43.327	ng	99
18) Hexachloroethane	7.422	117	236235	47.116	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	416439	42.906	ng	98
20) 3+4-Methylphenols	7.304	107	589920	42.844	ng	92
22) Acetophenone	7.316	105	790127	43.959	ng	98
24) Nitrobenzene	7.486	77	591434	50.970	ng	100
25) Isophorone	7.728	82	1114078	44.887	ng	99
26) 2-Nitrophenol	7.804	139	273106	54.190	ng	97
27) 2,4-Dimethylphenol	7.833	122	550527	43.994	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	701365	44.807	ng	99
29) 2,4-Dichlorophenol	8.039	162	476870	45.581	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	532603	45.620	ng	100
31) Naphthalene	8.210	128	1700955	43.900	ng	100
32) Benzoic acid	7.933	122	283194	47.659	ng	98
33) 4-Chloroaniline	8.251	127	170132	10.545	ng	100
34) Hexachlorobutadiene	8.328	225	319589	46.920	ng	99
35) Caprolactam	8.622	113	132868m	42.252	ng	
36) 4-Chloro-3-methylphenol	8.728	107	452691	42.138	ng	99
37) 2-Methylnaphthalene	8.904	142	1023582	42.967	ng	100
38) 1-Methylnaphthalene	9.004	142	1068100	43.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	495043	48.910	ng	99
41) Hexachlorocyclopentadiene	9.057	237	577255	100.490	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	321539	51.266	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142269.D
 Acq On : 01 May 2025 19:24
 Operator : RC/JU
 Sample : Q1901-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025

Quant Time: May 02 01:08:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	318776	48.342	ng	99
46) 1,1'-Biphenyl	9.363	154	1334117	47.717	ng	99
47) 2-Chloronaphthalene	9.392	162	976038	46.922	ng	99
48) 2-Nitroaniline	9.480	65	259849	47.433	ng	99
49) Acenaphthylene	9.804	152	1594521	45.426	ng	100
50) Dimethylphthalate	9.663	163	1066261	46.343	ng	100
51) 2,6-Dinitrotoluene	9.722	165	215101	48.680	ng	99
52) Acenaphthene	9.980	154	982506	47.938	ng	98
53) 3-Nitroaniline	9.886	138	127102	25.292	ng	98
54) 2,4-Dinitrophenol	9.992	184	128668	82.147	ng	# 53
55) Dibenzofuran	10.151	168	1363907	44.394	ng	99
56) 4-Nitrophenol	10.039	139	331460	91.654	ng	98
57) 2,4-Dinitrotoluene	10.127	165	257086	48.111	ng	95
58) Fluorene	10.492	166	997907	42.717	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246538	45.135	ng	99
60) Diethylphthalate	10.363	149	1031674	45.408	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	491200	44.277	ng	97
62) 4-Nitroaniline	10.504	138	193314	40.097	ng	95
63) Azobenzene	10.645	77	1084746	48.349	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	87116	52.188	ng	97
66) n-Nitrosodiphenylamine	10.604	169	868383	51.295	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	294375	53.349	ng	99
68) Hexachlorobenzene	11.039	284	307669	49.785	ng	99
69) Atrazine	11.127	200	242733	54.396	ng	99
70) Pentachlorophenol	11.227	266	331283	101.471	ng	98
71) Phenanthrene	11.457	178	1297633	48.485	ng	99
72) Anthracene	11.504	178	1269418	46.391	ng	99
73) Carbazole	11.657	167	1127973	45.188	ng	99
74) Di-n-butylphthalate	11.992	149	1427936	56.880	ng	100
75) Fluoranthene	12.645	202	1336936	50.534	ng	99
77) Benzidine	12.763	184	486096	26.736	ng	99
78) Pyrene	12.874	202	1363266	34.539	ng	100
80) Butylbenzylphthalate	13.492	149	571179	52.545	ng	100
81) Benzo(a)anthracene	14.062	228	1336806	46.539	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	271966	32.235	ng	100
83) Chrysene	14.098	228	1219993	46.660	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	801117	53.190	ng	99
85) Di-n-octyl phthalate	14.668	149	1516655	54.420	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1171487	33.838	ng	100
88) Benzo(b)fluoranthene	15.121	252	1455180	49.565	ng	100
89) Benzo(k)fluoranthene	15.156	252	1286491	47.906	ng	99
90) Benzo(a)pyrene	15.498	252	1294646	48.165	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	967006	34.415	ng	98
92) Benzo(g,h,i)perylene	17.521	276	881265	31.198	ng	99

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

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\  
Data File : BF142269.D  
Acq On    : 01 May 2025   19:24  
Operator  : RC/JU  
Sample    : Q1901-02MS  
Misc      :  
ALS Vial  : 21    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

Manual Integrations

Reviewed By :Rahul
Chavli

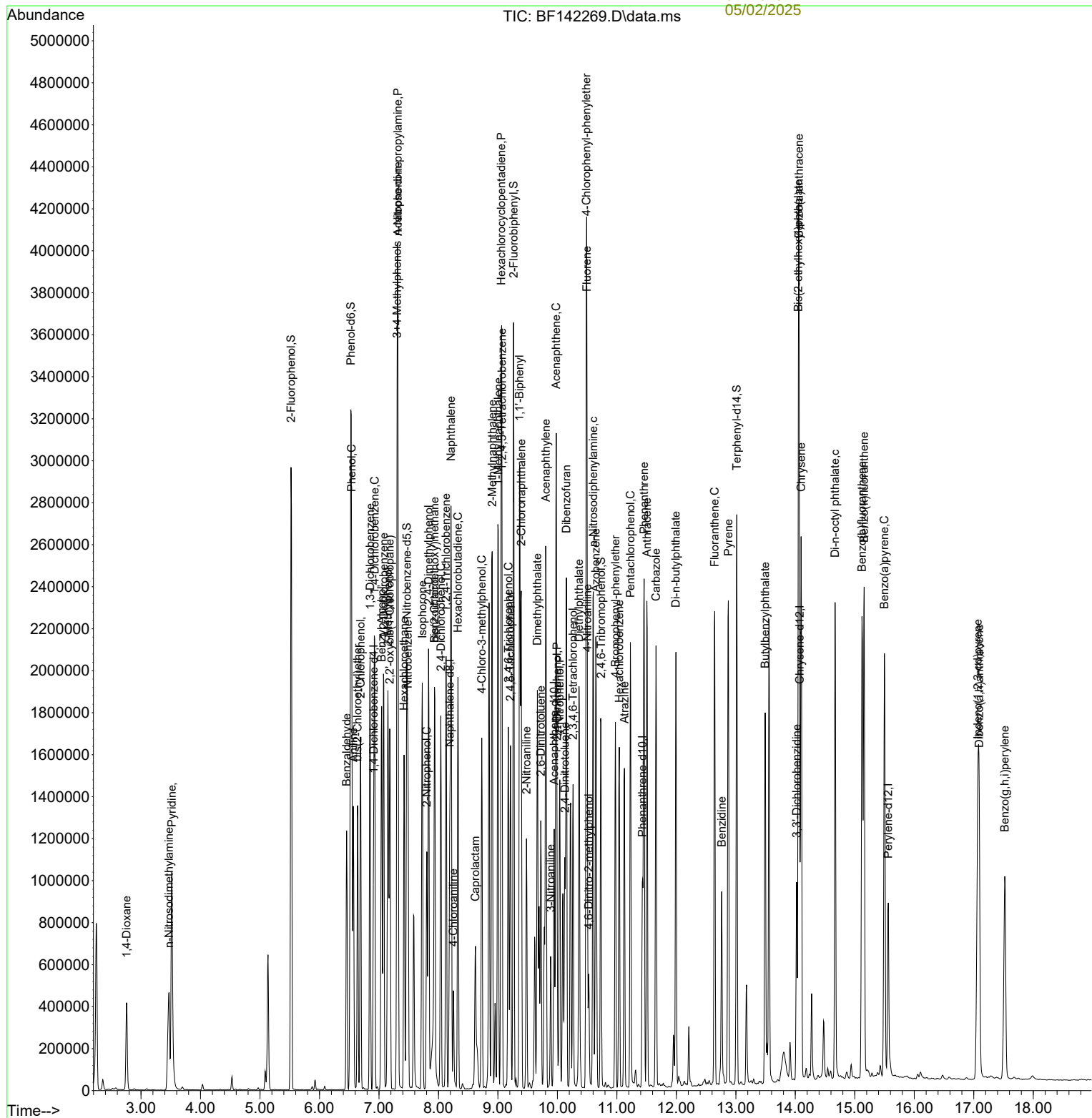
05/02/2025

Supervised By :Jagrut

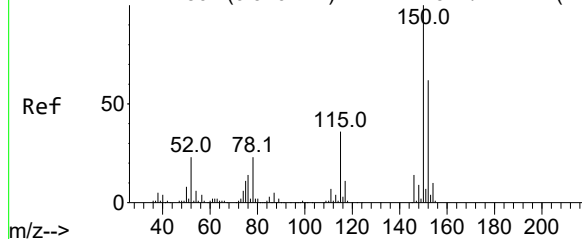
Upadhyay

05/02/2025

Quant Time: May 02 01:08:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration



Abundance Scan 802 (6.910 min): BF142243.D\data.ms (-79



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.910 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

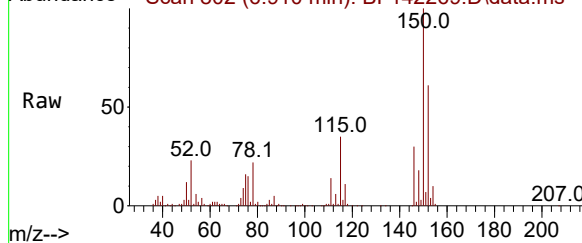
Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Abundance Scan 802 (6.910 min): BF142269.D\data.ms



Tgt Ion:152 Resp: 207729

Ion Ratio Lower Upper

152 100

150 162.6 130.2 195.2

115 57.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Rahul

Chavli

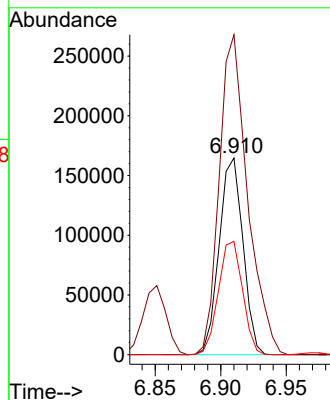
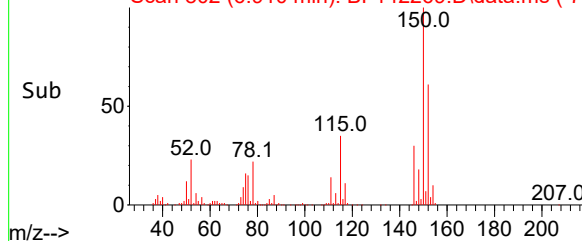
05/02/2025

Supervised By :Jagrut

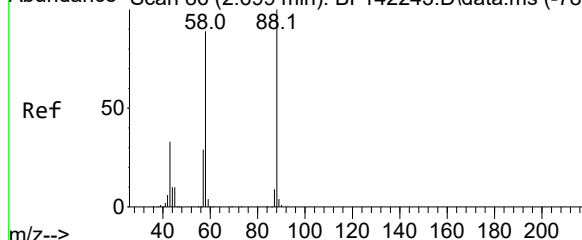
Upadhyay

05/02/2025

Abundance Scan 802 (6.910 min): BF142269.D\data.ms (-78



Abundance Scan 86 (2.699 min): BF142243.D\data.ms (-78)



#2

1,4-Dioxane

Concen: 39.145 ng

RT: 2.757 min Scan# 96

Delta R.T. 0.059 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion: 88 Resp: 227396

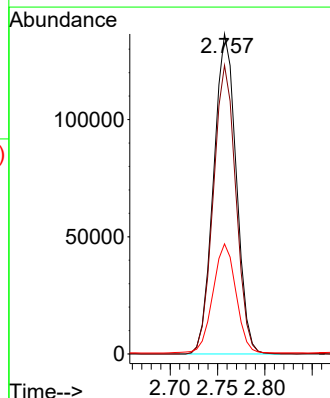
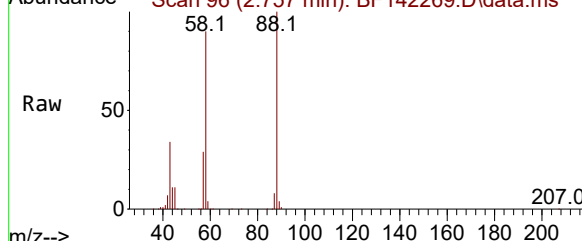
Ion Ratio Lower Upper

88 100

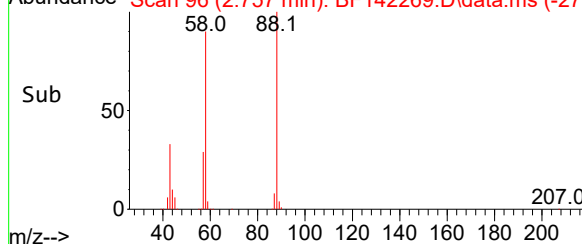
58 89.8 72.2 108.2

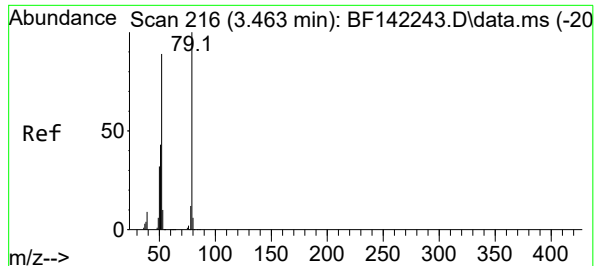
43 34.6 27.0 40.6

Abundance Scan 96 (2.757 min): BF142269.D\data.ms



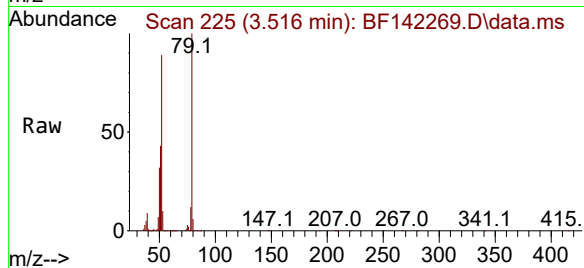
Abundance Scan 96 (2.757 min): BF142269.D\data.ms (-27)





#3
Pyridine
Concen: 40.441 ng
RT: 3.516 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



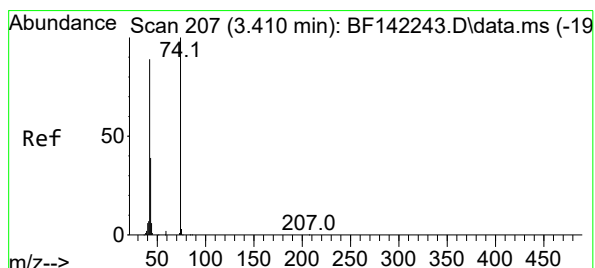
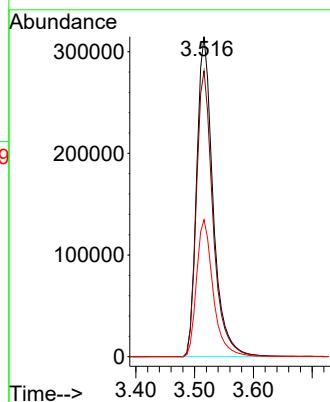
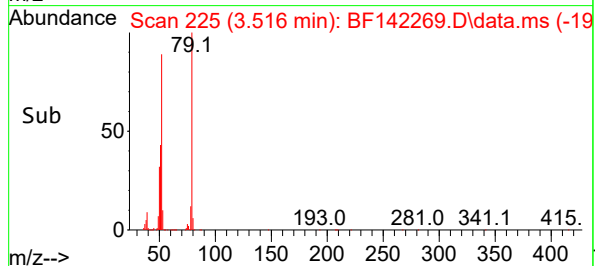
Tgt Ion: 79 Resp: 61056
Ion Ratio Lower Upper
79 100
52 89.3 71.5 107.3
51 42.8 34.5 51.7

Manual Integrations
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Reviewed By :Rahul
Chavli

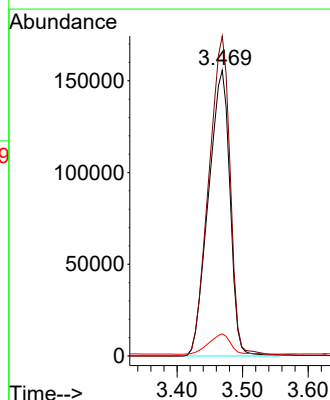
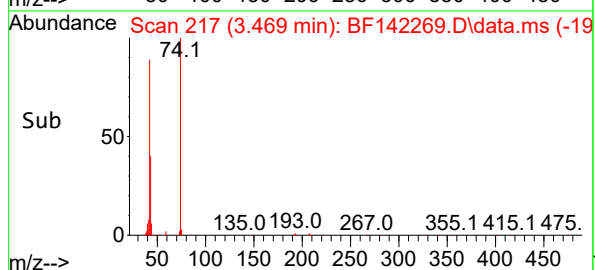
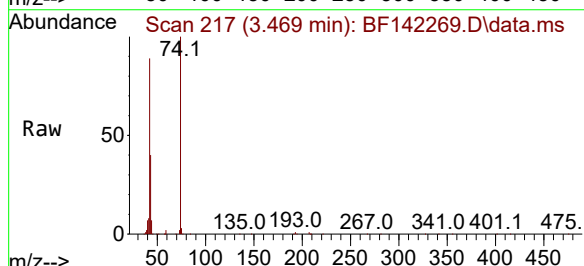
05/02/2025

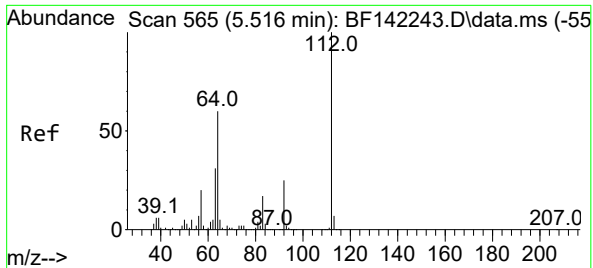
Supervised By :Jagrut
Upadhyay
05/02/2025



#4
n-Nitrosodimethylamine
Concen: 45.391 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

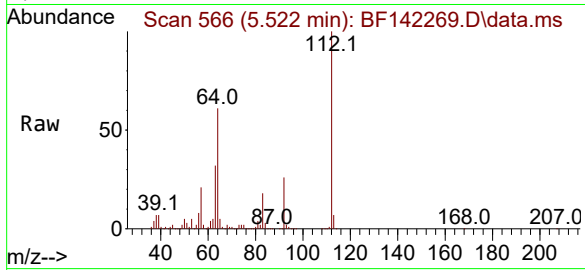
Tgt Ion: 42 Resp: 354637
Ion Ratio Lower Upper
42 100
74 112.0 89.5 134.3
44 7.7 6.6 9.8





#5
2-Fluorophenol
Concen: 87.311 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

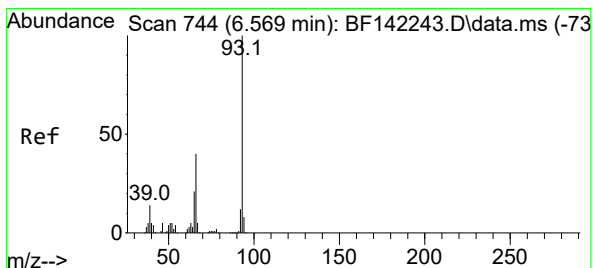
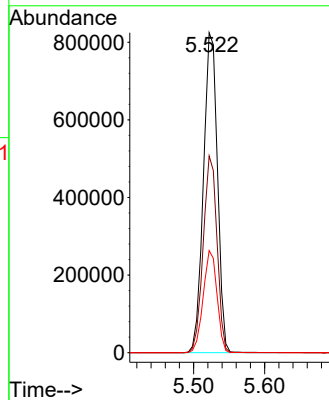
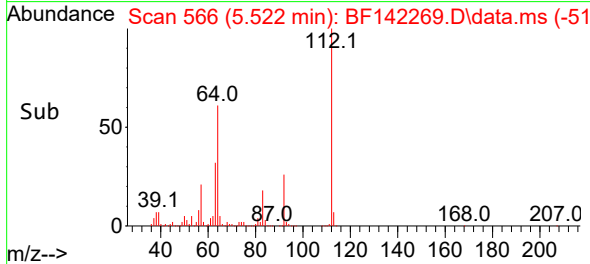


Tgt Ion: 112 Resp: 113565
Ion Ratio Lower Upper
112 100
64 61.5 48.4 72.6
63 31.9 24.8 37.2

Manual Integrations
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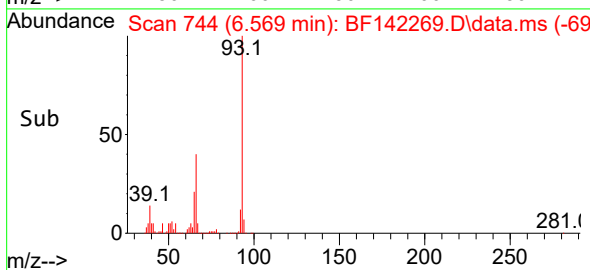
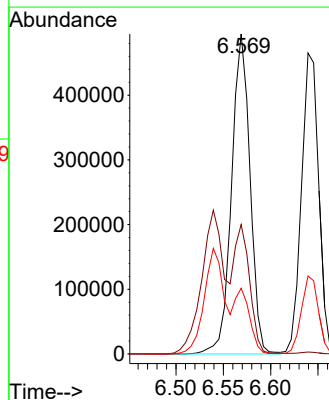
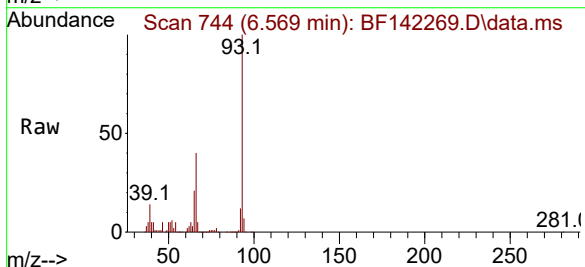
Reviewed By :Rahul
Chavli
05/02/2025

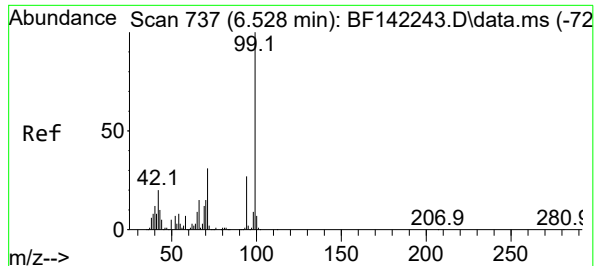
Supervised By :Jagrut
Upadhyay
05/02/2025



#6
Aniline
Concen: 30.161 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

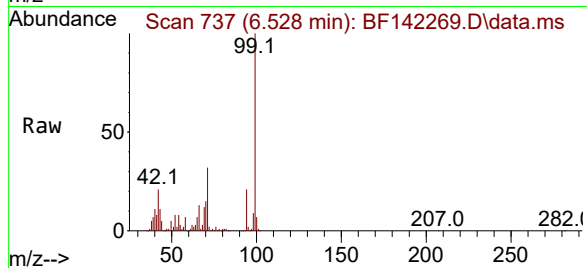
Tgt Ion: 93 Resp: 670525
Ion Ratio Lower Upper
93 100
66 40.4 32.1 48.1
65 20.5 16.6 24.8





#7
Phenol-d6
Concen: 90.188 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

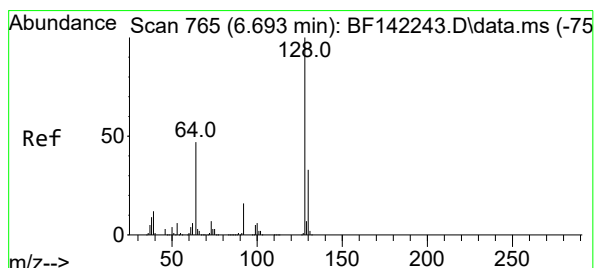
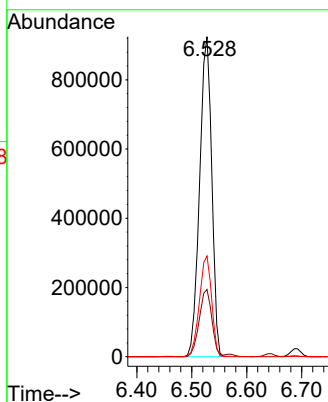
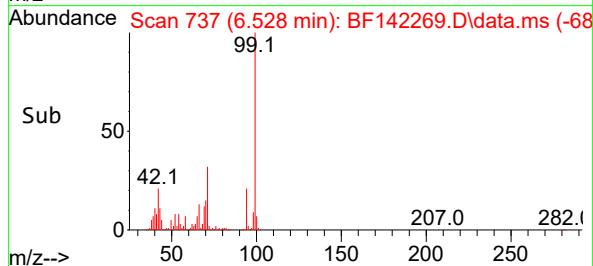


Tgt Ion: 99 Resp: 1416560
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 31.5 25.0 37.4

Manual Integrations
APPROVED

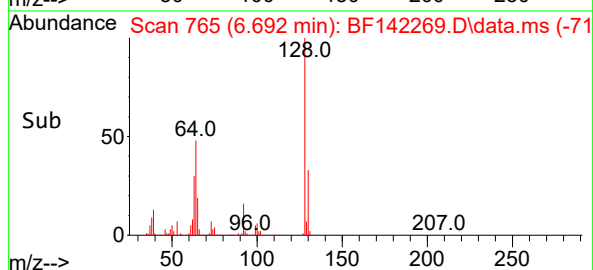
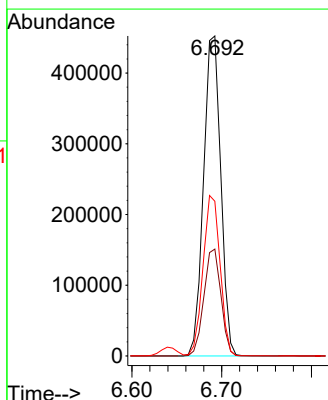
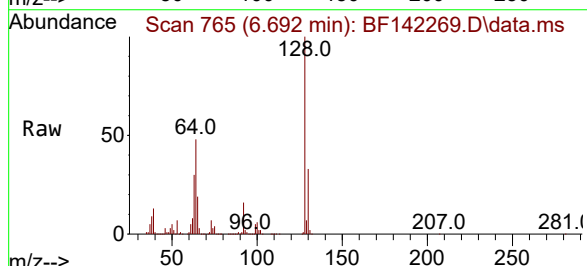
Reviewed By :Rahul
Chavli
05/02/2025

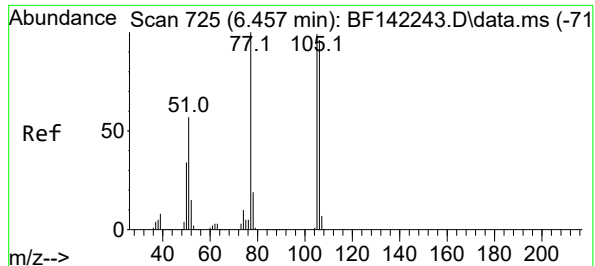
Supervised By :Jagrut
Upadhyay
05/02/2025



#8
2-Chlorophenol
Concen: 44.916 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

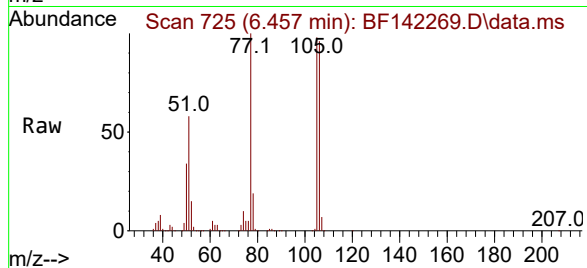
Tgt Ion:128 Resp: 603690
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 48.4 28.6 68.6





#9
Benzaldehyde
Concen: 27.680 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



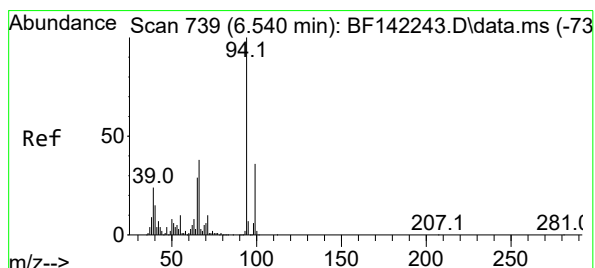
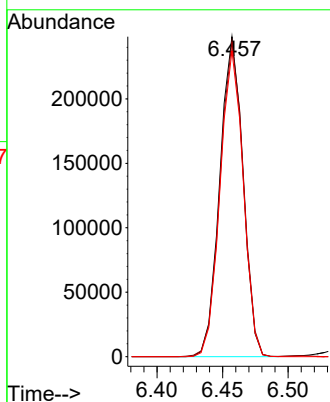
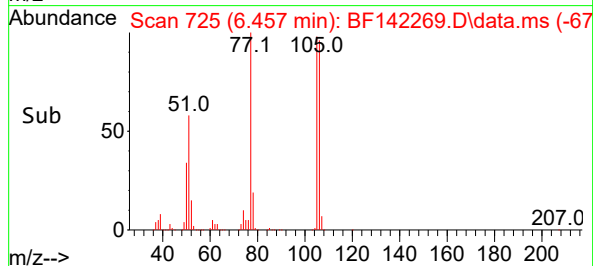
Tgt Ion: 77 Resp: 30386
Ion Ratio Lower Upper
77 100
105 98.4 79.1 119.1
106 95.6 76.0 116.0

Manual Integrations
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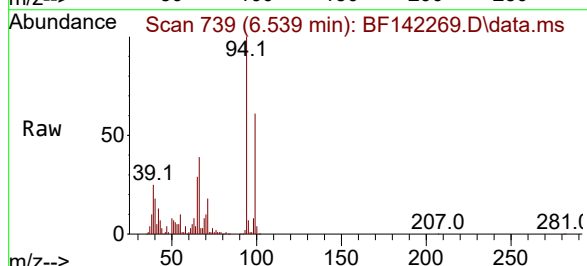
Reviewed By :Rahul
Chavli

05/02/2025

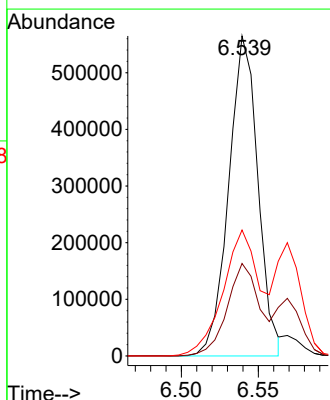
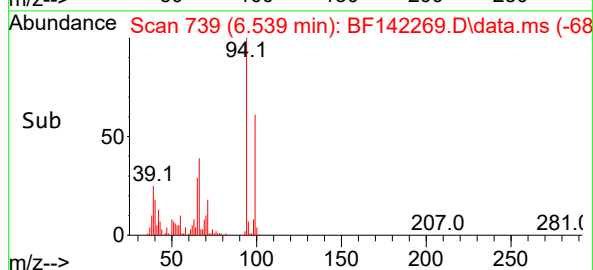
Supervised By :Jagrut
Upadhyay
05/02/2025

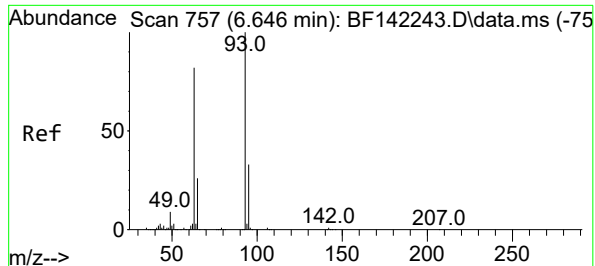


#10
Phenol
Concen: 44.175 ng m
RT: 6.539 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24



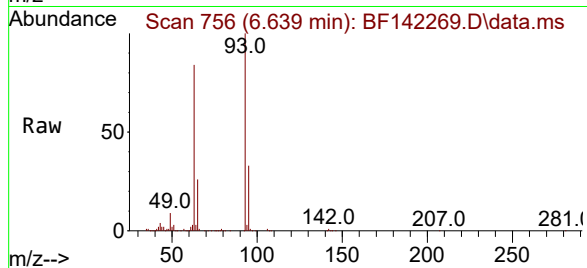
Tgt Ion: 94 Resp: 746973
Ion Ratio Lower Upper
94 100
65 28.9 8.9 48.9
66 39.4 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 44.673 ng
RT: 6.639 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

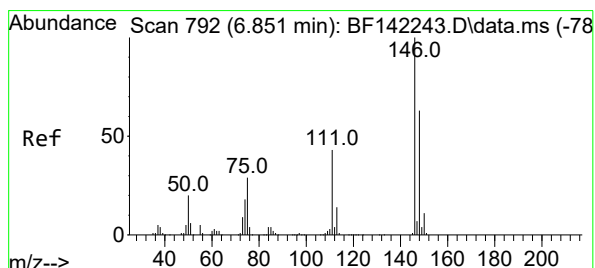
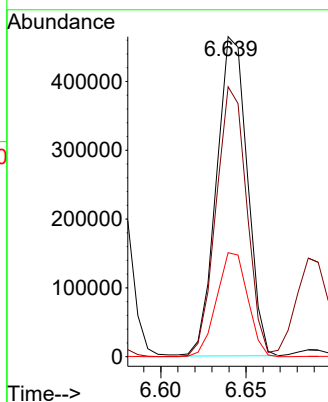
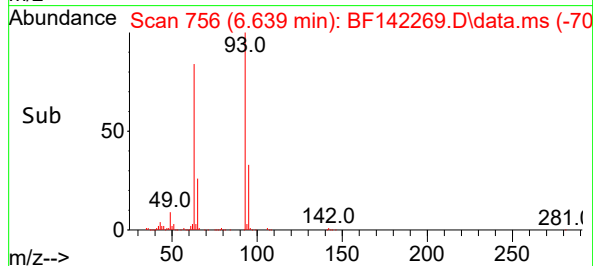


Tgt Ion: 93 Resp: 58537
Ion Ratio Lower Upper
93 100
63 84.4 62.2 102.2
95 32.5 12.7 52.7

Manual Integrations
APPROVED

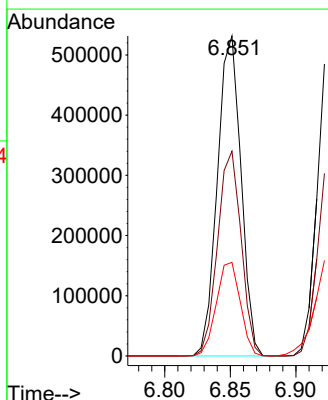
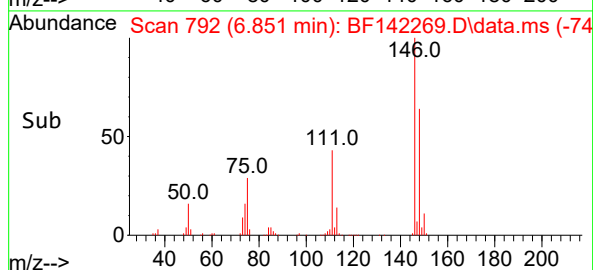
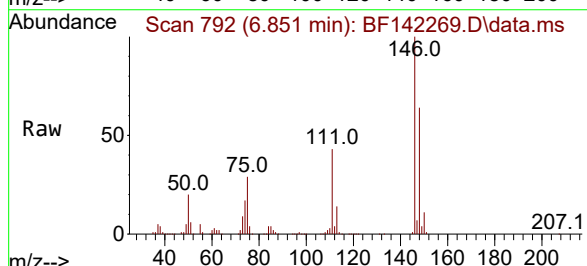
Reviewed By :Rahul
Chavli
05/02/2025

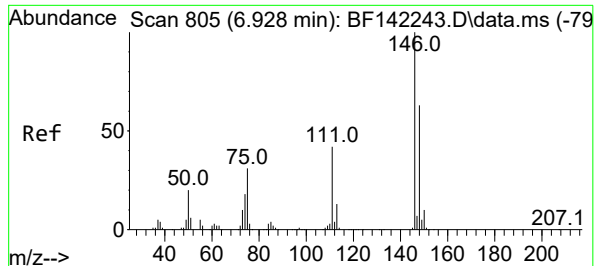
Supervised By :Jagrut
Upadhyay
05/02/2025



#12
1,3-Dichlorobenzene
Concen: 43.727 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:146 Resp: 664859
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
75 29.3 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 43.645 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:146 Resp: 66859

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

111 41.3 33.4 50.0

Manual Integrations

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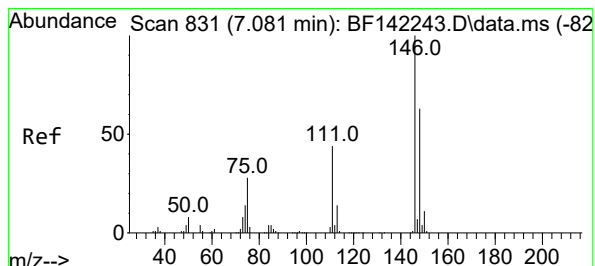
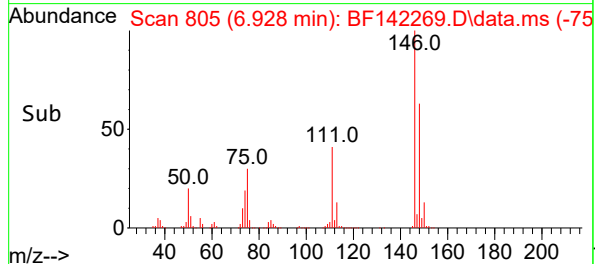
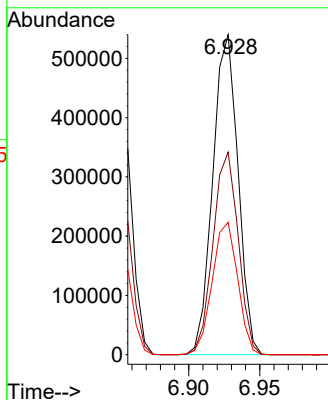
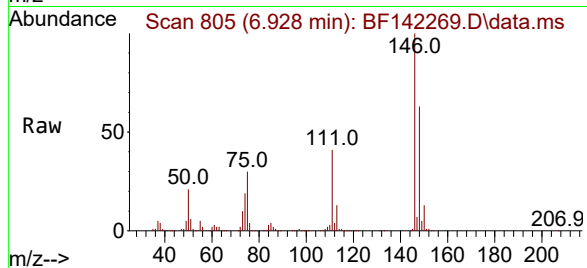
Chavli

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#14

1,2-Dichlorobenzene

Concen: 44.210 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

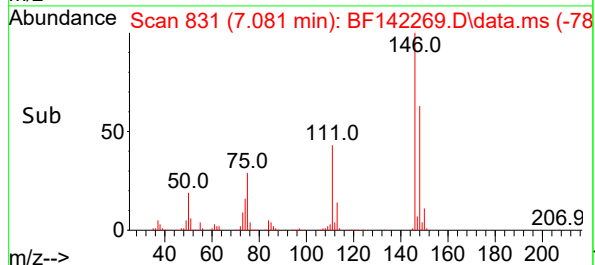
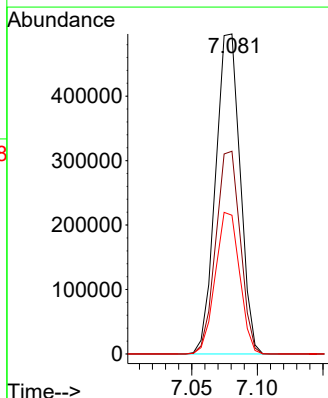
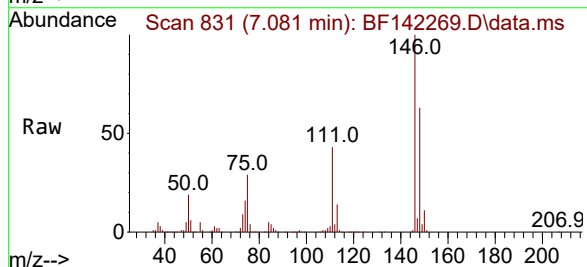
Tgt Ion:146 Resp: 646554

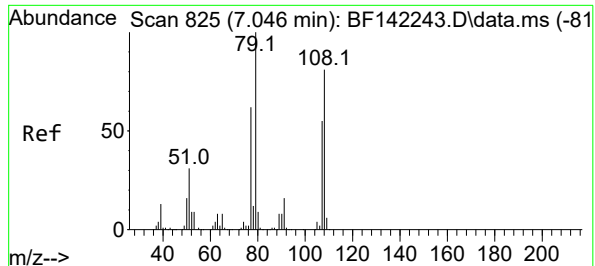
Ion Ratio Lower Upper

146 100

148 63.3 50.5 75.7

111 43.4 34.9 52.3





#15

Benzyl Alcohol

Concen: 43.935 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 79 Resp: 48942

Ion Ratio Lower Upper

79 100

108 82.6 64.5 96.7

77 63.3 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :Rahul

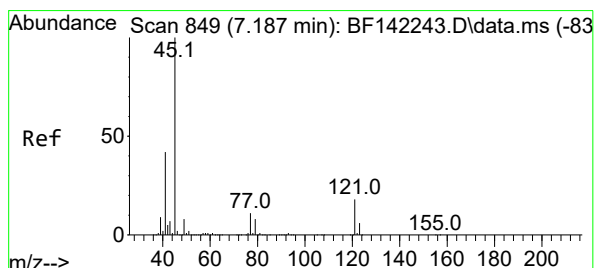
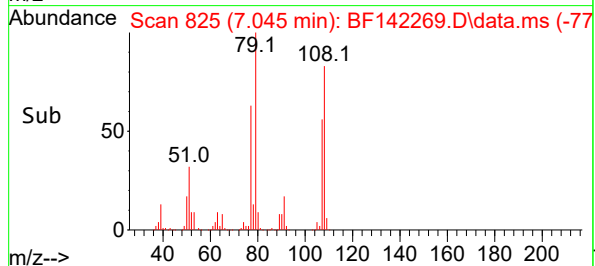
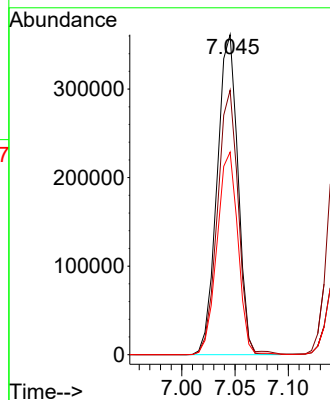
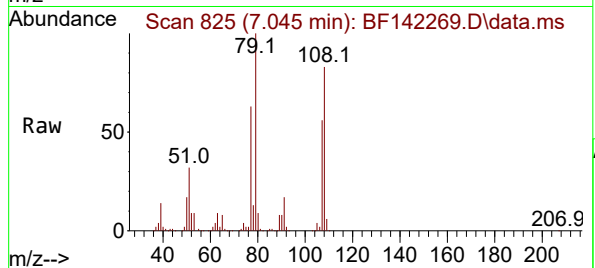
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.436 ng

RT: 7.181 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

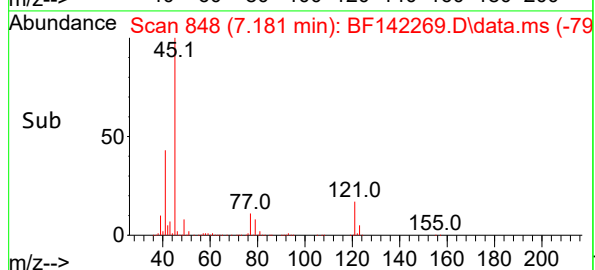
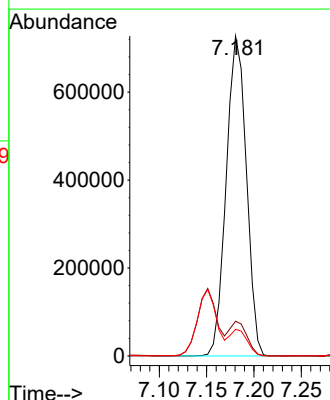
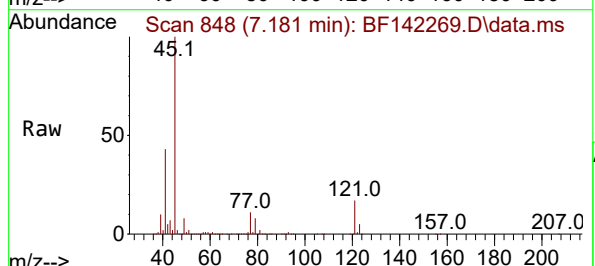
Tgt Ion: 45 Resp: 1075078

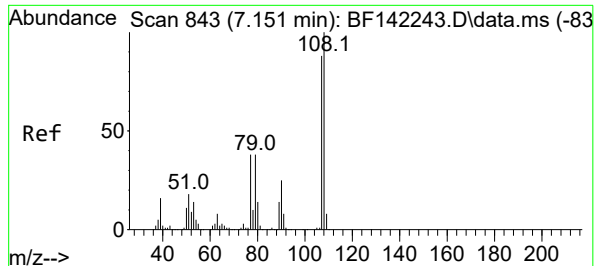
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.3

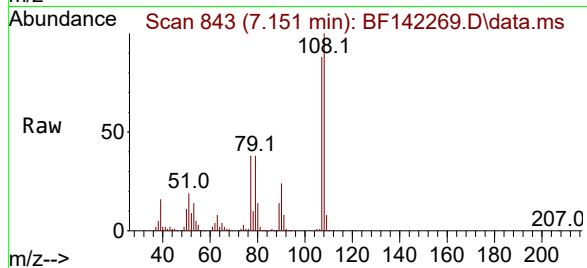
79 8.3 0.0 28.5





#17
2-Methylphenol
Concen: 43.327 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

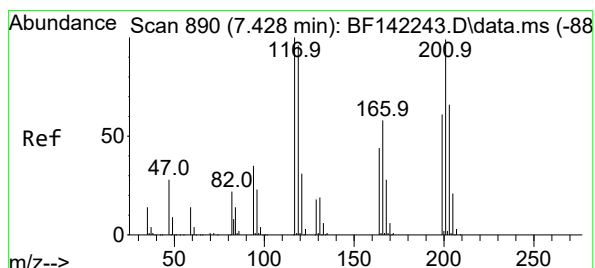
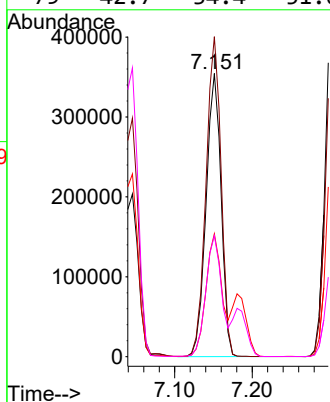
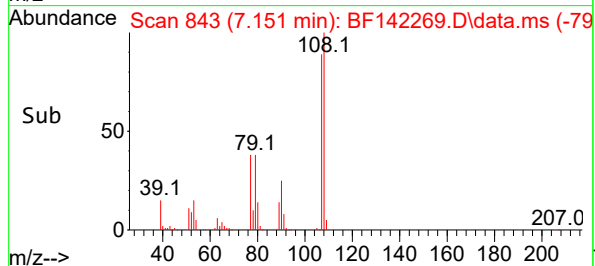


Tgt Ion:107 Resp: 47705
Ion Ratio Lower Upper
107 100
108 113.0 91.0 136.4
77 43.4 34.4 51.6
79 42.7 34.4 51.6

Manual Integrations
APPROVED

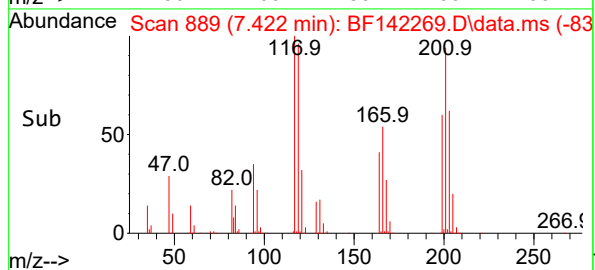
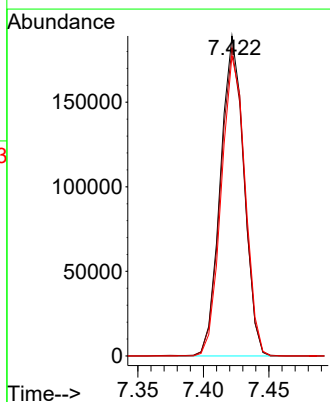
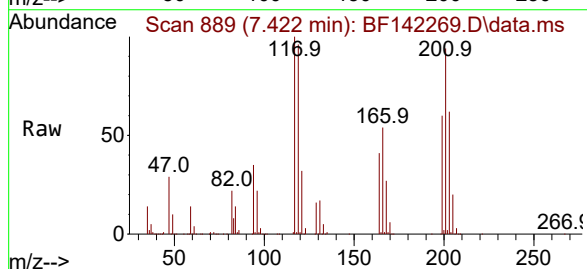
Reviewed By :Rahul
Chavli
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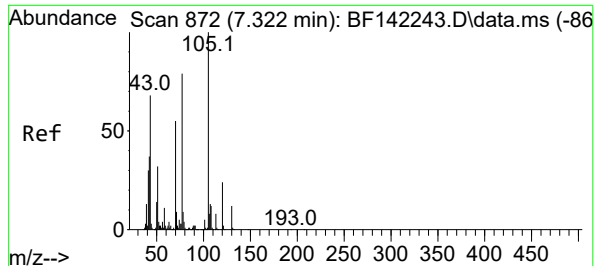
Supervised By :Jagrut
Upadhyay
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#18
Hexachloroethane
Concen: 47.116 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:117 Resp: 236235
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 93.7 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.906 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 70 Resp: 416439

Ion Ratio Lower Upper

70 100

42 69.2 53.4 80.2

101 9.5 7.7 11.5

130 21.8 17.2 25.8

Manual Integrations

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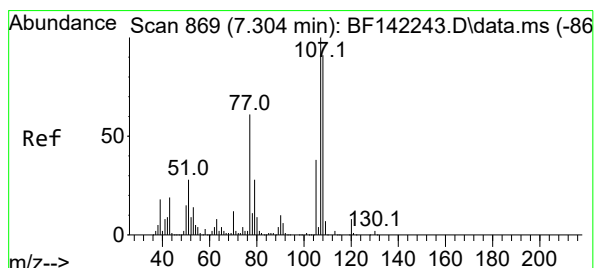
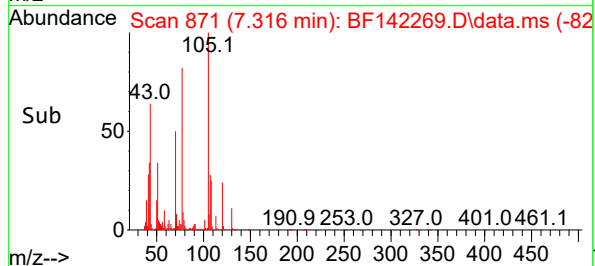
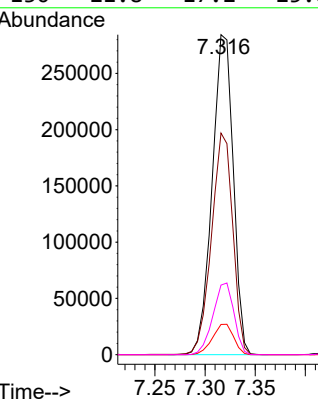
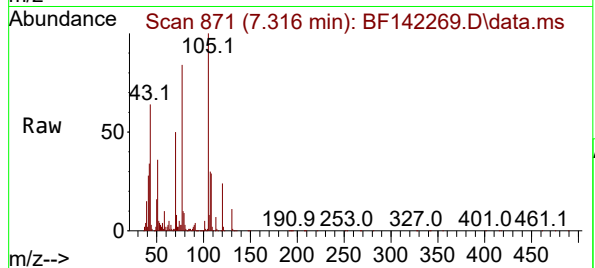
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#20

3+4-Methylphenols

Concen: 42.844 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion:107 Resp: 589920

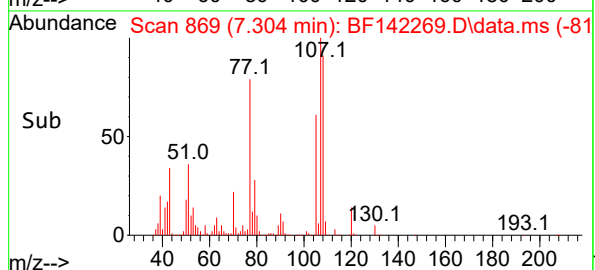
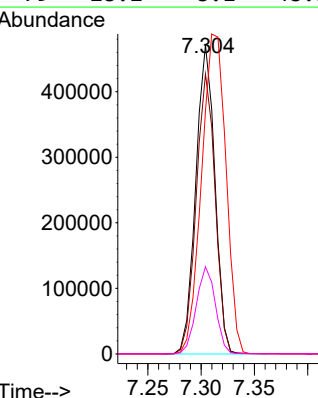
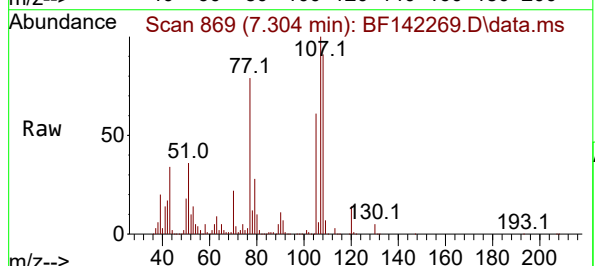
Ion Ratio Lower Upper

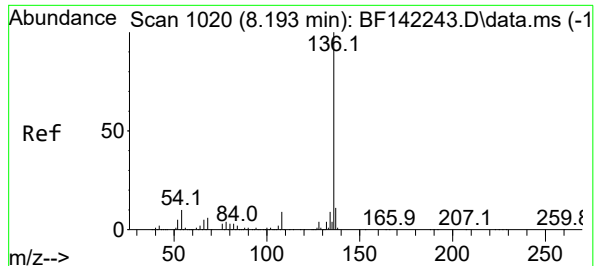
107 100

108 90.5 71.2 111.2

77 78.7 41.1 81.1

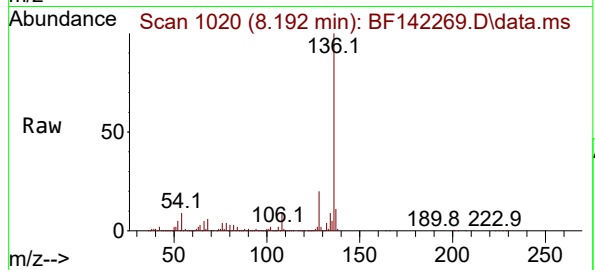
79 28.2 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

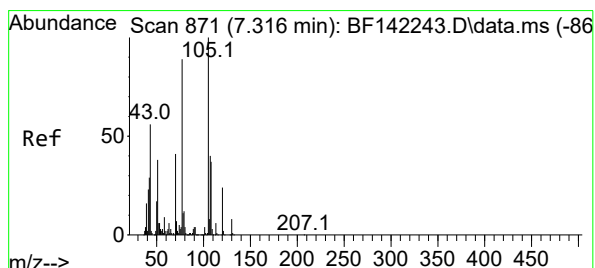
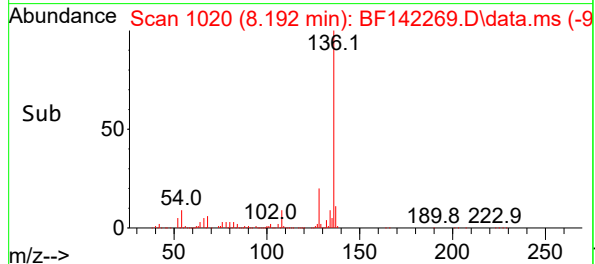
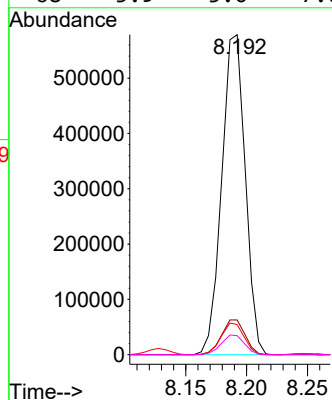


Tgt Ion:136 Resp: 77694
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.4 7.7 11.5
68 5.9 5.0 7.6

Manual Integrations
APPROVED

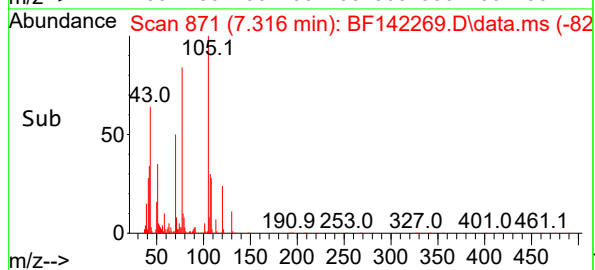
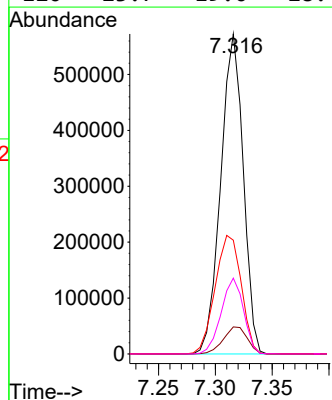
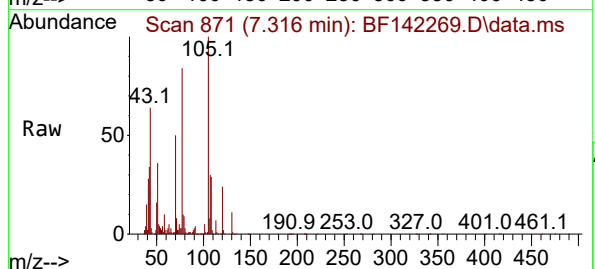
Reviewed By :Rahul
Chavli
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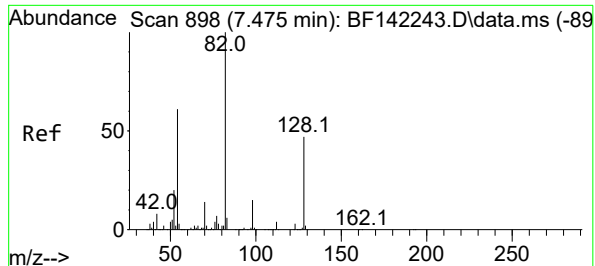
Supervised By :Jagrut
Upadhyay
05/02/2025



#22
Acetophenone
Concen: 43.959 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:105 Resp: 790127
Ion Ratio Lower Upper
105 100
71 8.4 5.7 8.5
51 35.6 30.1 45.1
120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 68.080 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 82 Resp: 805120

Ion Ratio Lower Upper

82 100

128 46.8 37.0 55.6

54 60.6 48.0 72.0

Manual Integrations

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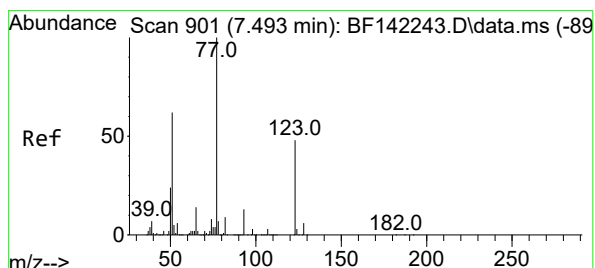
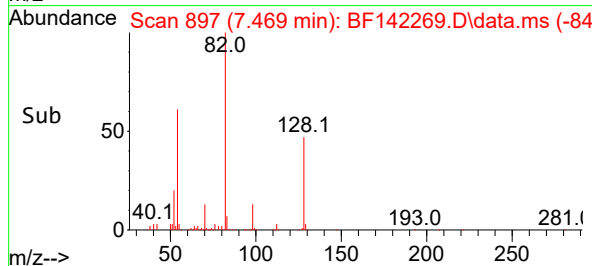
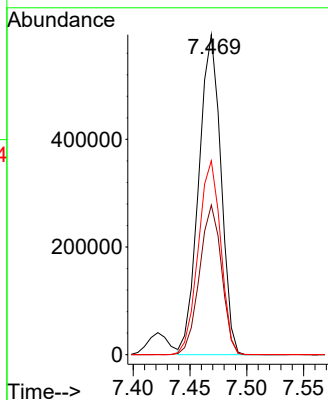
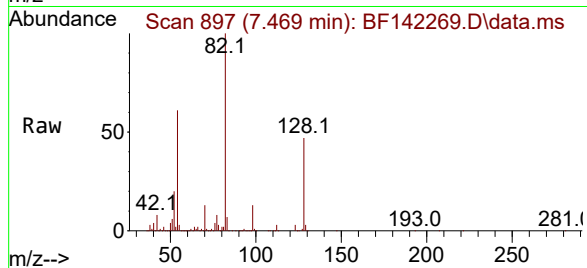
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#24

Nitrobenzene

Concen: 50.970 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

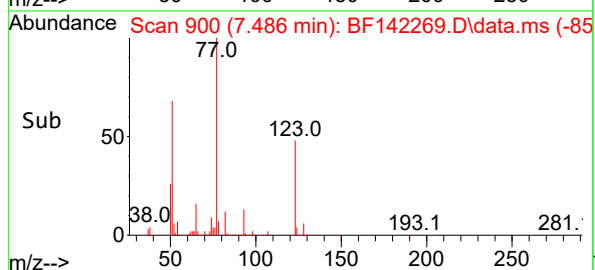
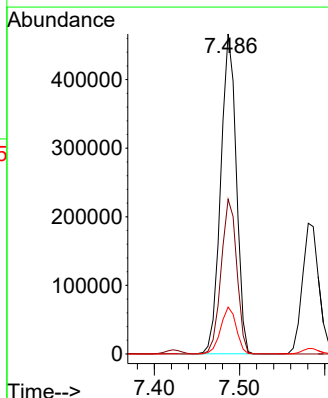
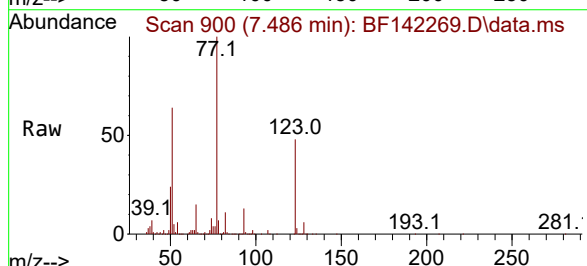
Tgt Ion: 77 Resp: 591434

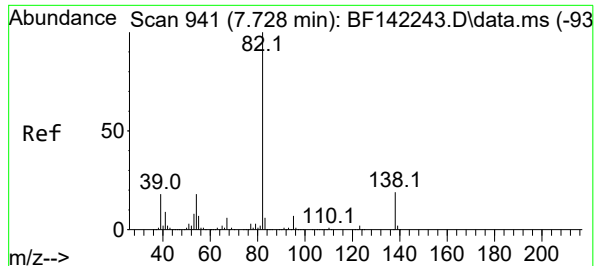
Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

65 14.7 11.5 17.3





#25

Isophorone

Concen: 44.887 ng

RT: 7.728 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion: 82 Resp: 1114078

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 19.9 15.3 22.9

Manual Integrations

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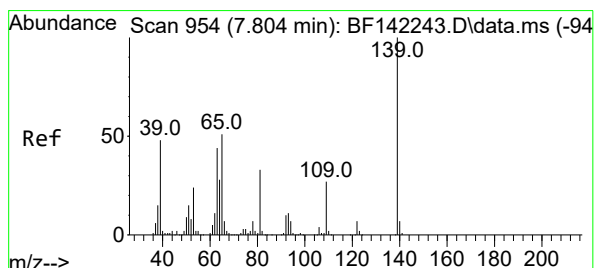
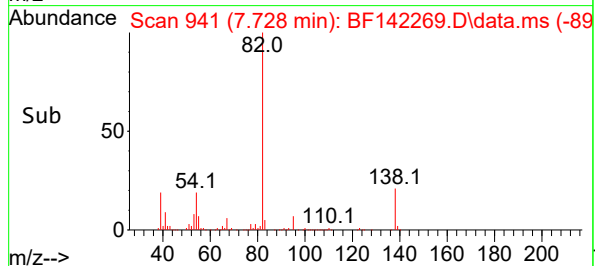
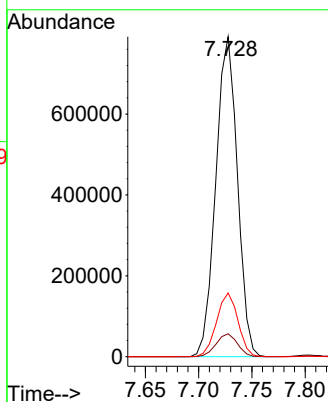
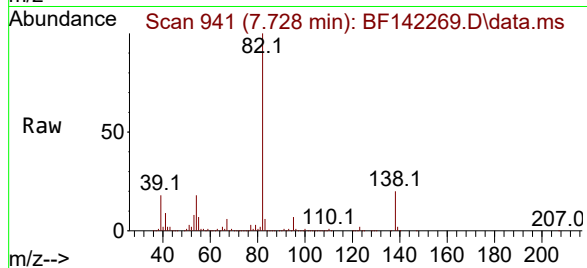
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#26

2-Nitrophenol

Concen: 54.190 ng

RT: 7.804 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

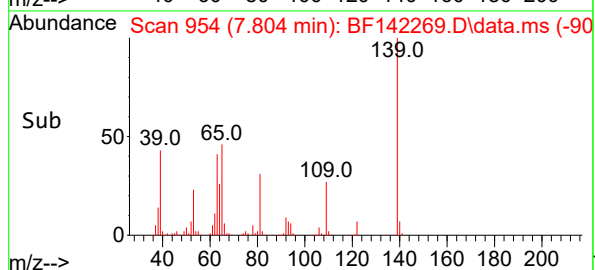
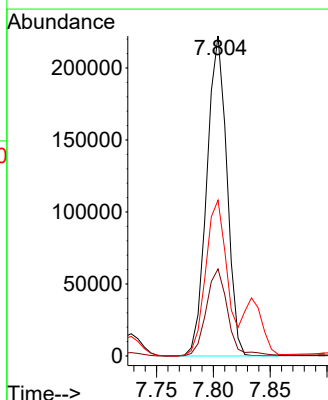
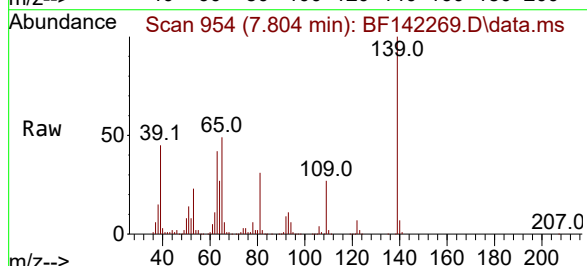
Tgt Ion:139 Resp: 273106

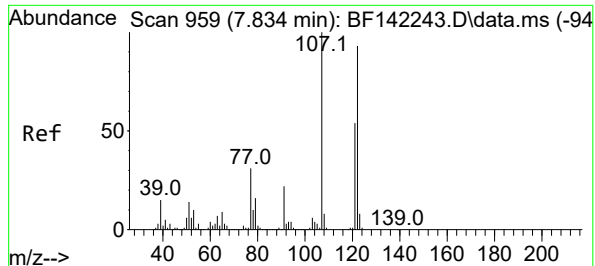
Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.8

65 48.7 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.994 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:122 Resp: 55052

Ion Ratio Lower Upper

122 100

107 107.1 86.0 129.0

121 57.8 46.3 69.5

Manual Integrations

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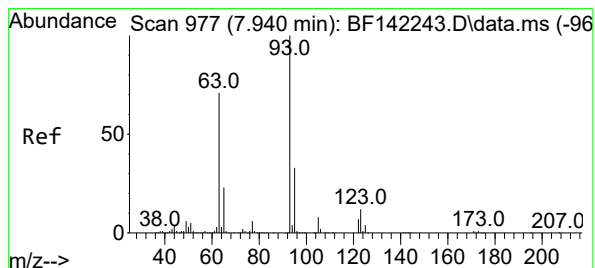
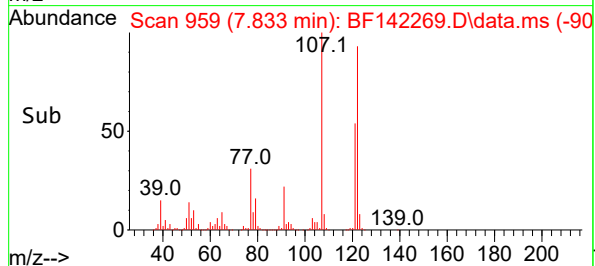
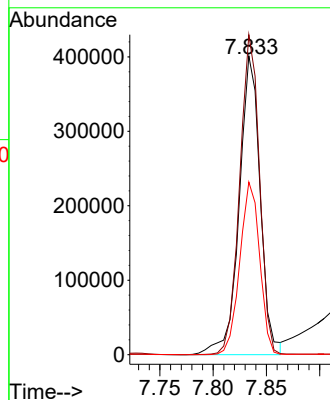
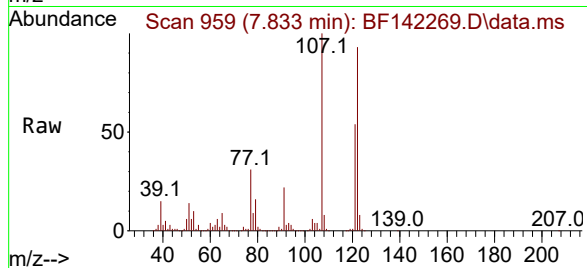
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#28

bis(2-Chloroethoxy)methane

Concen: 44.807 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

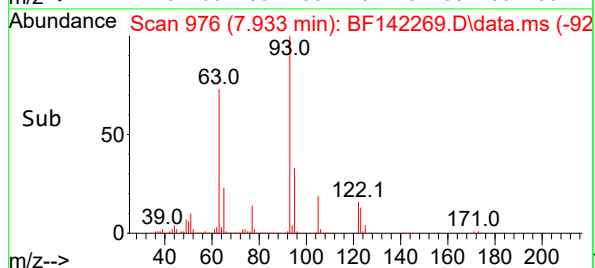
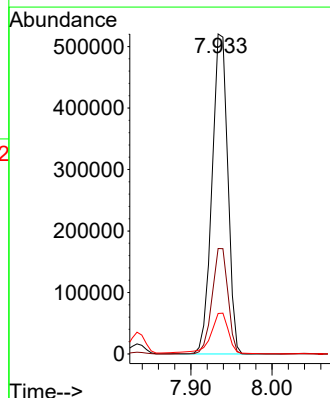
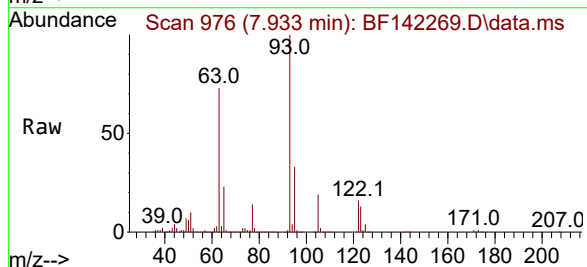
Tgt Ion: 93 Resp: 701365

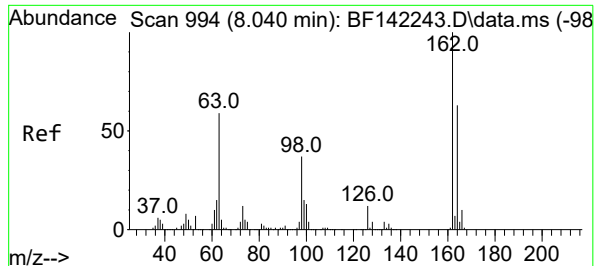
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 45.581 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:162 Resp: 476870

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

98 36.4 16.7 56.7

Manual Integrations

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Reviewed By :Rahul

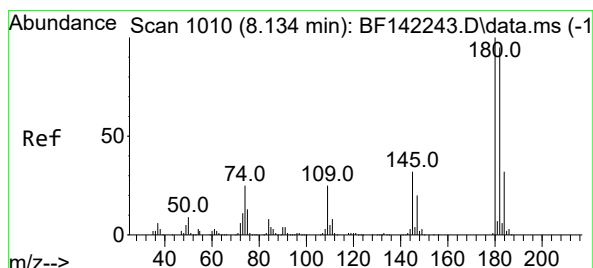
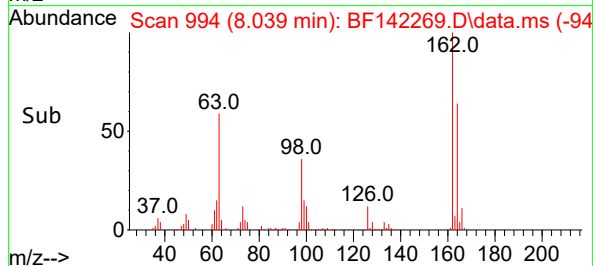
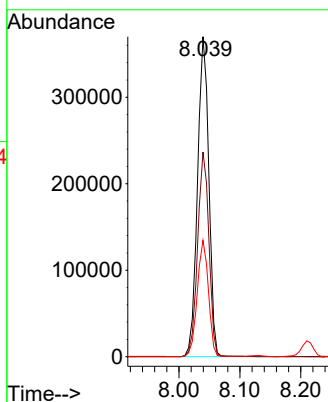
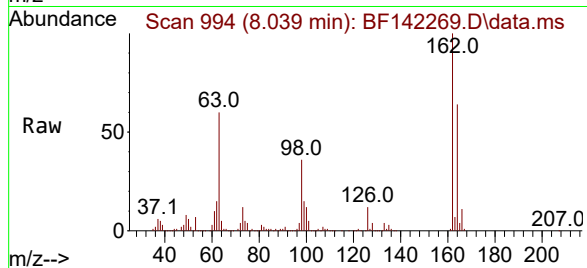
Chavli

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Supervised By :Jagrut

Upadhyay

05/02/2025



#30

1,2,4-Trichlorobenzene

Concen: 45.620 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

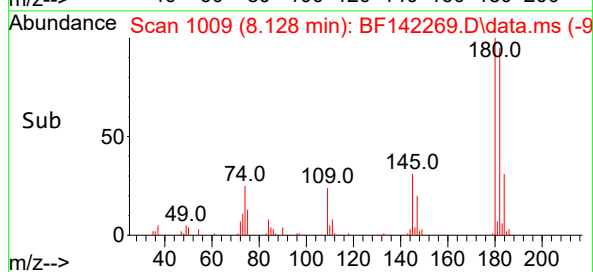
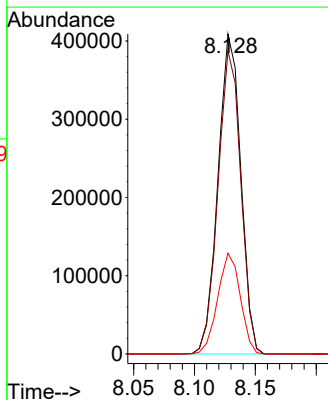
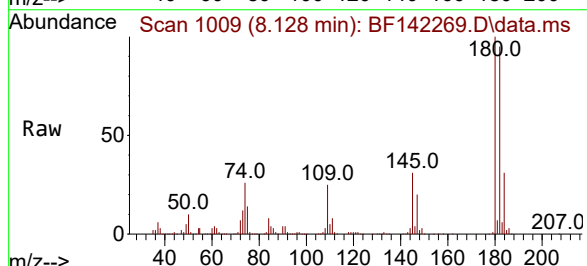
Tgt Ion:180 Resp: 532603

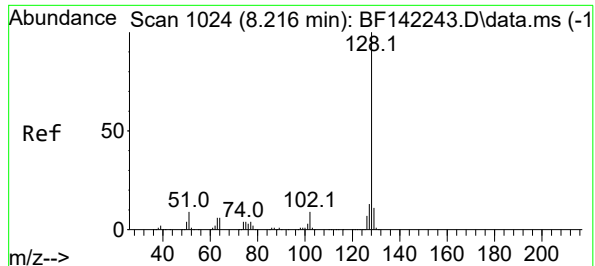
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

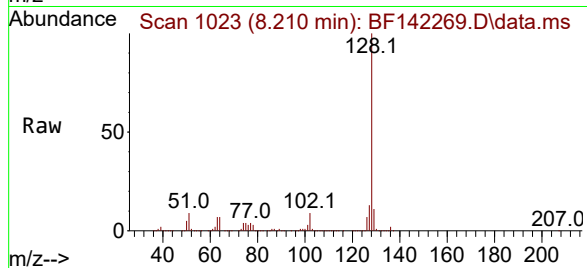
145 31.5 25.4 38.0





#31
Naphthalene
Concen: 43.900 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



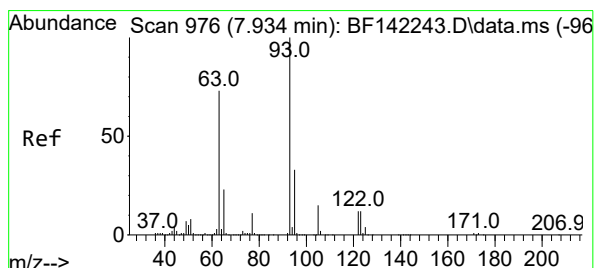
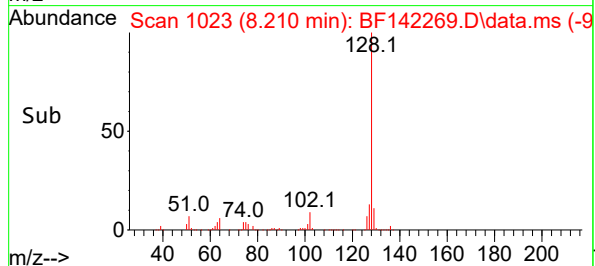
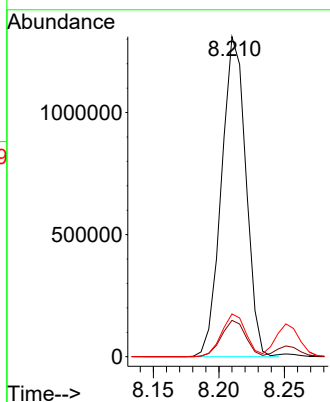
Tgt Ion:128 Resp: 170095
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.6 15.8

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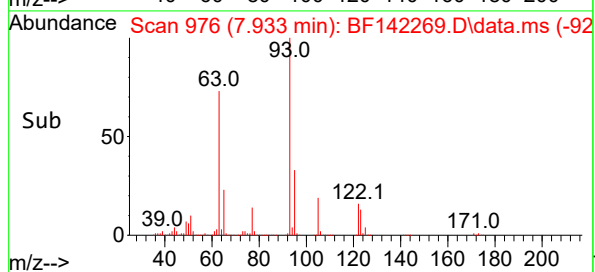
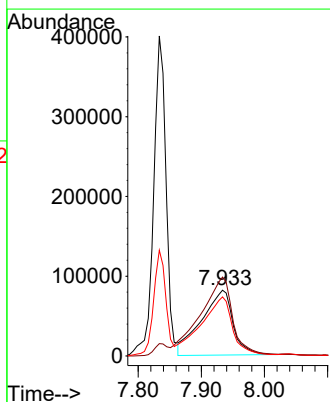
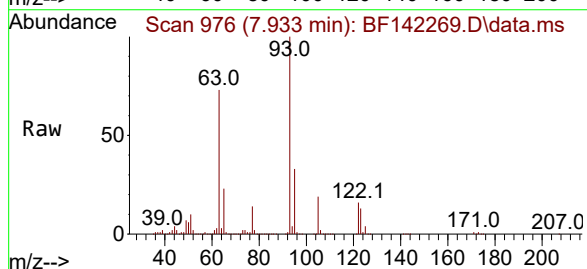
05/02/2025

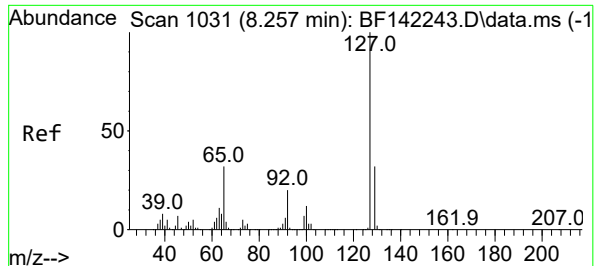
Supervised By :Jagrut
Upadhyay
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#32
Benzoic acid
Concen: 47.659 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

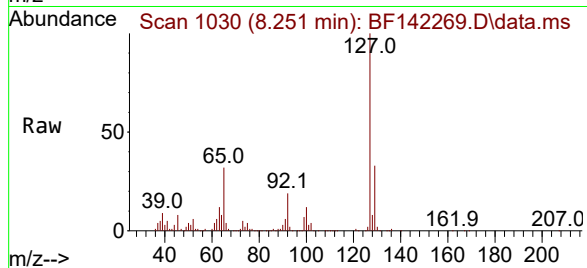
Tgt Ion:122 Resp: 283194
Ion Ratio Lower Upper
122 100
105 120.2 98.2 138.2
77 89.8 66.8 106.8





#33
4-Chloroaniline
Concen: 10.545 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

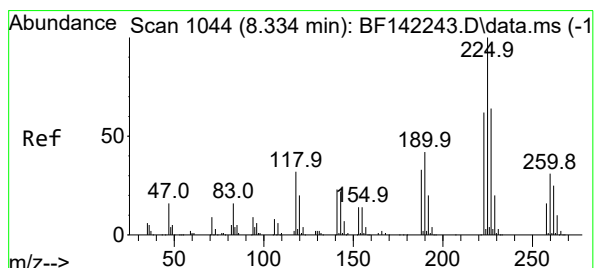
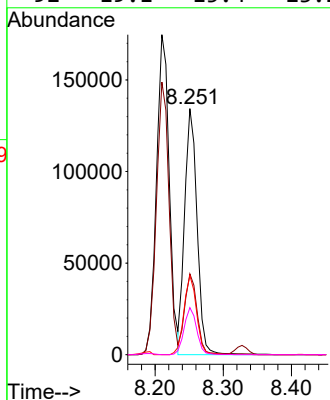
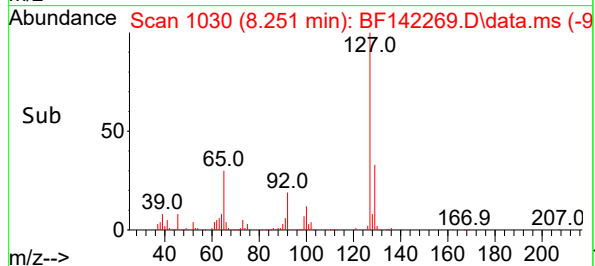


Tgt Ion:127 Resp: 17013
Ion Ratio Lower Upper
127 100
129 32.9 26.1 39.1
65 32.2 25.5 38.3
92 19.1 15.4 23.2

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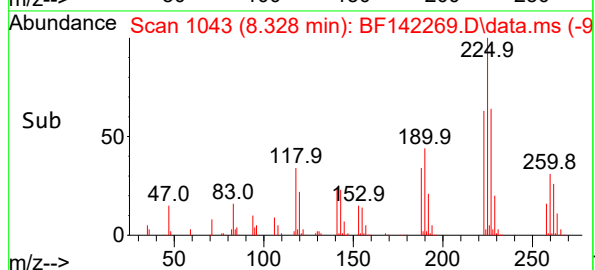
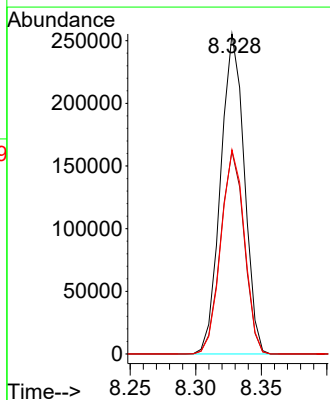
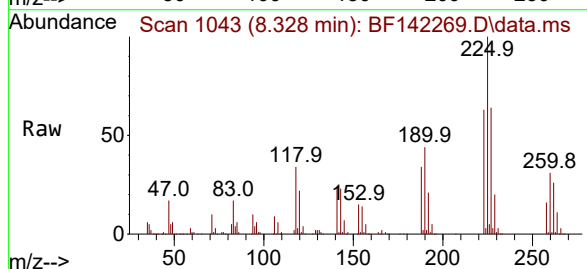
Reviewed By :Rahul
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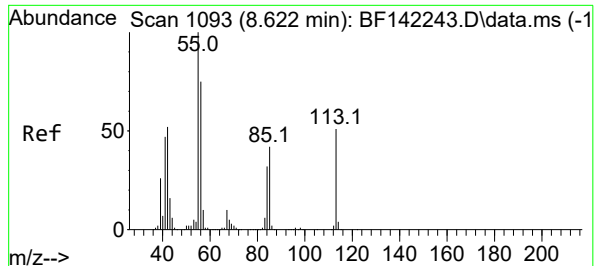
Supervised By :Jagrut
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#34
Hexachlorobutadiene
Concen: 46.920 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:225 Resp: 319589
Ion Ratio Lower Upper
225 100
223 63.4 49.7 74.5
227 63.8 51.0 76.4





#35

Caprolactam

Concen: 42.252 ng m

RT: 8.622 min Scan# 1093

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:113 Resp: 13286

Ion Ratio Lower Upper

113 100

55 192.3 177.7 217.7

56 141.0 127.1 167.1

Manual Integrations

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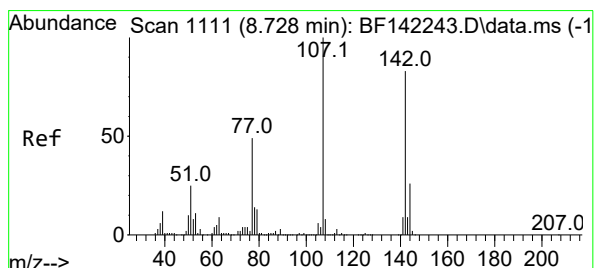
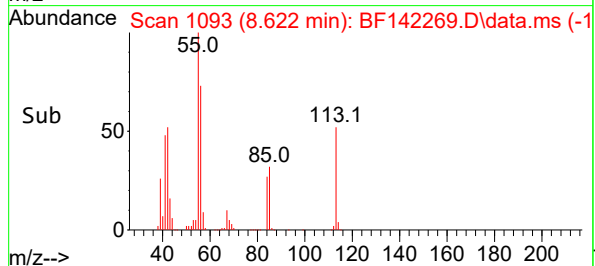
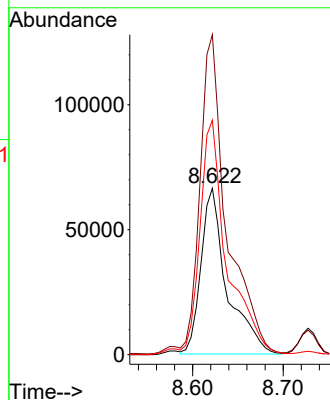
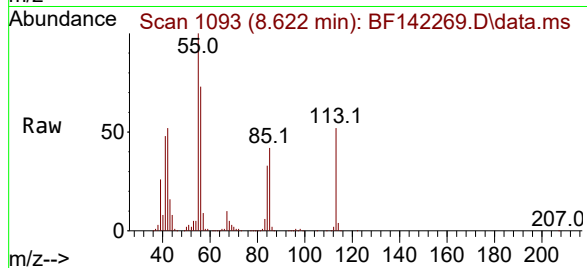
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#36

4-Chloro-3-methylphenol

Concen: 42.138 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

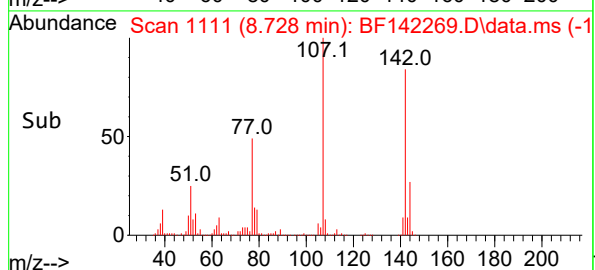
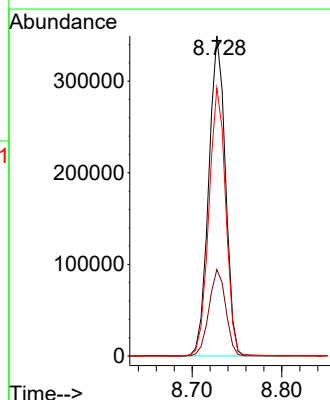
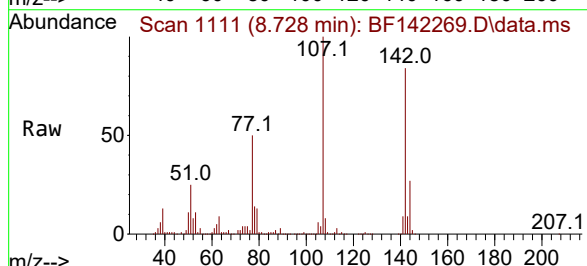
Tgt Ion:107 Resp: 452691

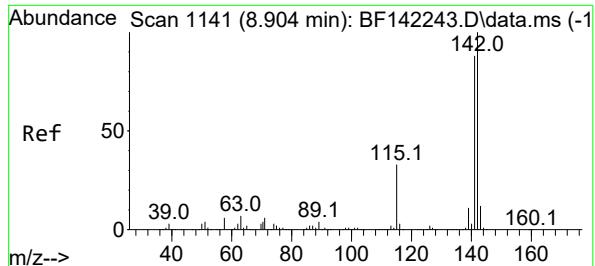
Ion Ratio Lower Upper

107 100

144 27.0 21.0 31.4

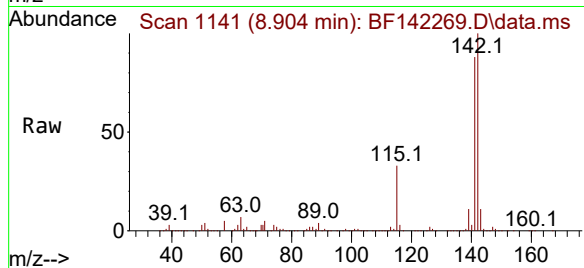
142 83.8 66.1 99.1





#37
2-Methylnaphthalene
Concen: 42.967 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



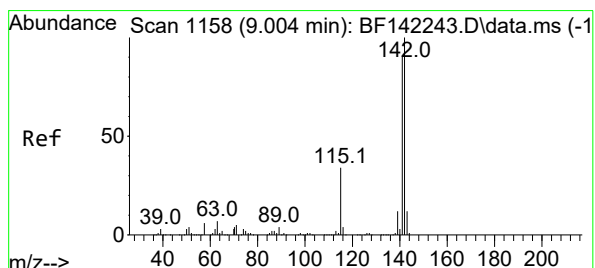
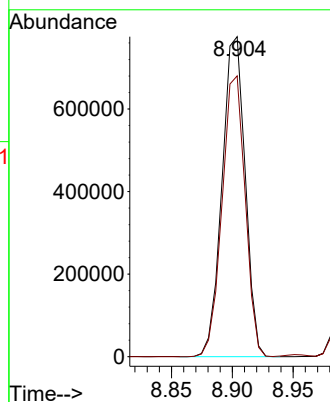
Tgt Ion:142 Resp: 102358
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7

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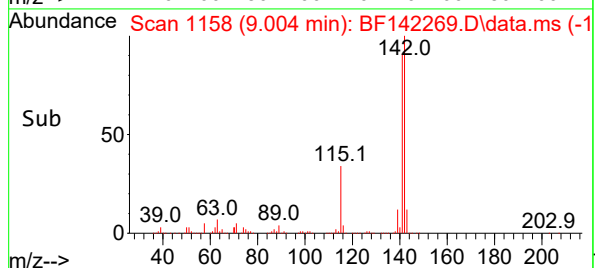
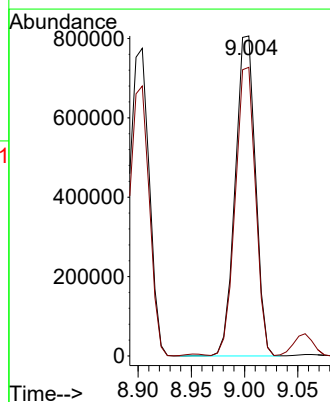
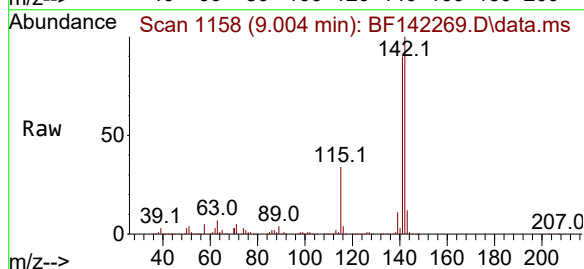
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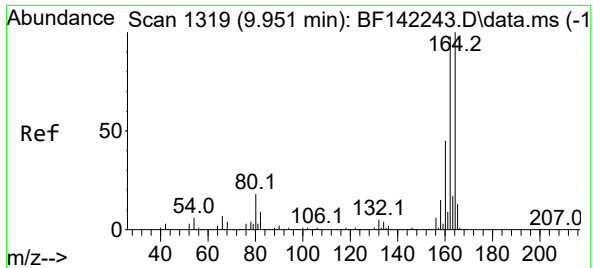
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#38
1-Methylnaphthalene
Concen: 43.280 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:142 Resp: 1068100
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142269.D

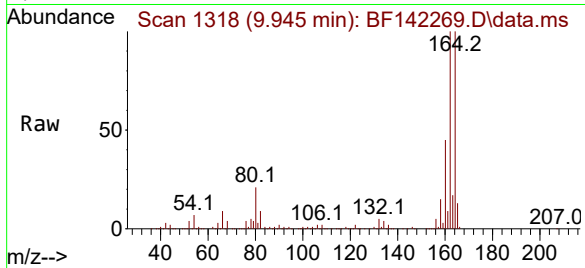
Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS



Tgt Ion:164 Resp: 359640

Ion Ratio Lower Upper

164 100

162 100.5 78.6 117.8

160 44.8 35.7 53.5

Manual Integrations

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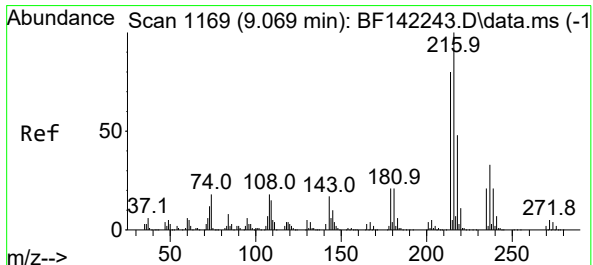
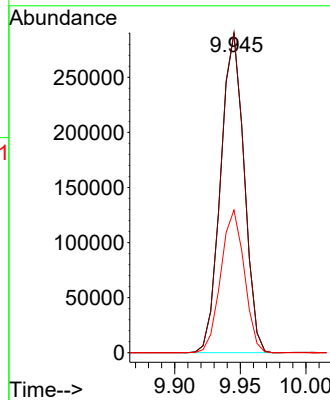
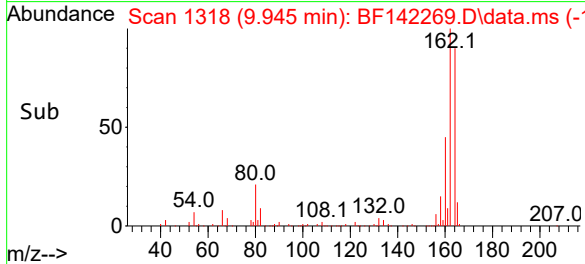
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.910 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion:216 Resp: 495043

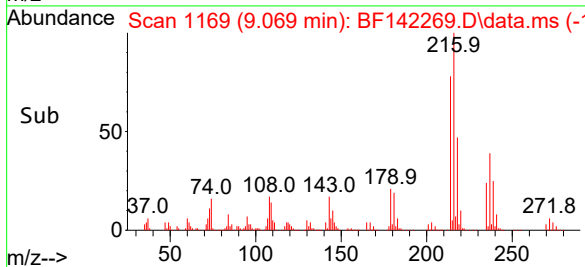
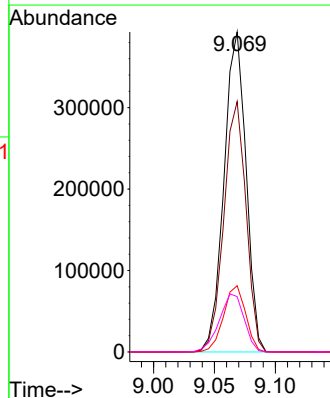
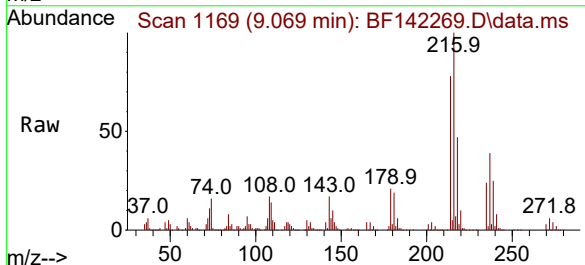
Ion Ratio Lower Upper

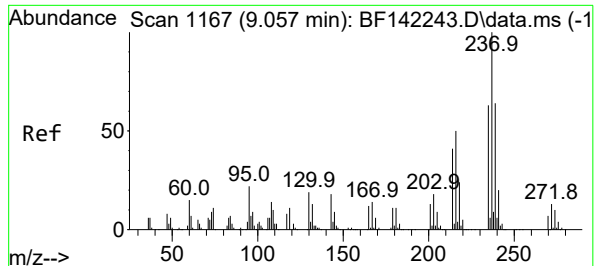
216 100

214 78.4 63.8 95.6

179 20.8 16.7 25.1

108 20.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 100.490 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:237 Resp: 57725

Ion Ratio Lower Upper

237 100

235 62.5 43.5 83.5

272 13.3 0.0 32.9

Manual Integrations

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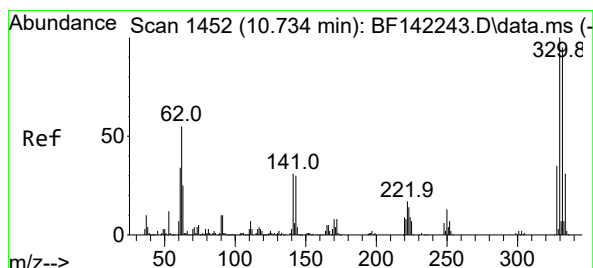
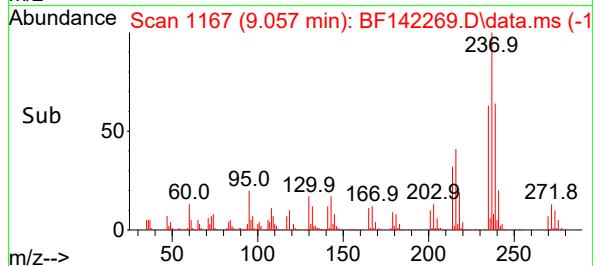
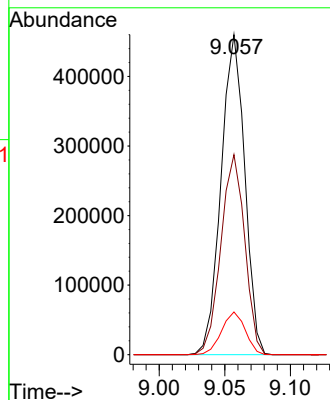
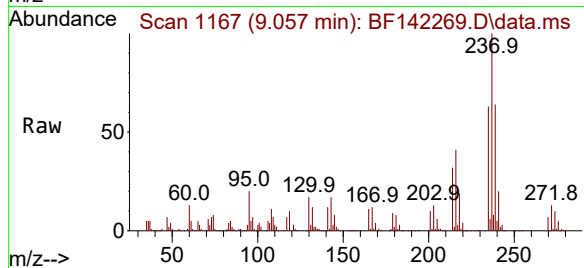
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#42

2,4,6-Tribromophenol

Concen: 90.840 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

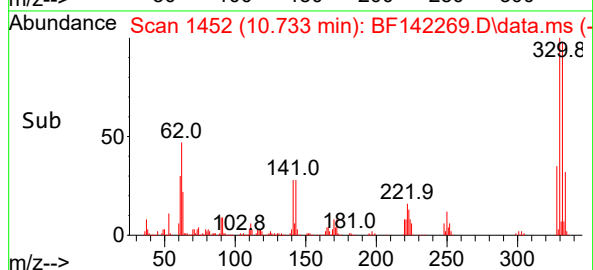
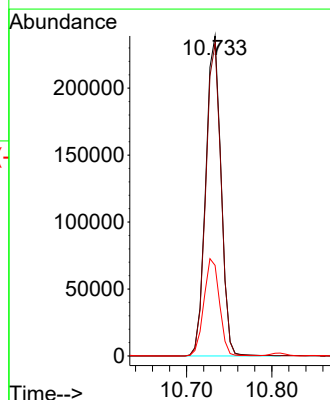
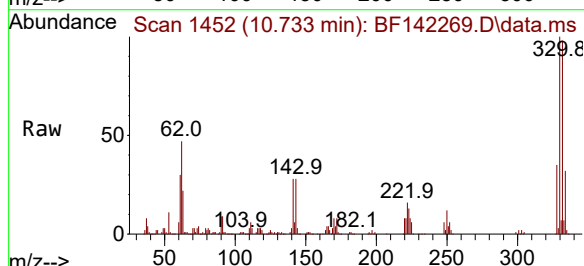
Tgt Ion:330 Resp: 297829

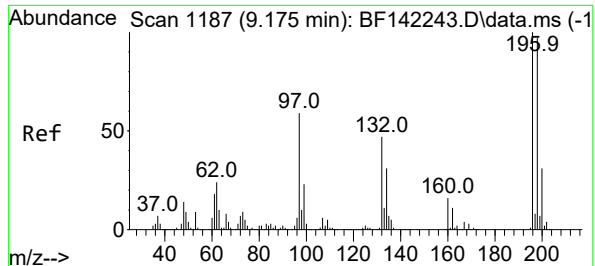
Ion Ratio Lower Upper

330 100

332 97.5 76.5 114.7

141 31.1 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 51.266 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:196 Resp: 321539

Ion Ratio Lower Upper

196 100

198 97.1 77.4 116.2

200 30.7 24.6 37.0

Manual Integrations

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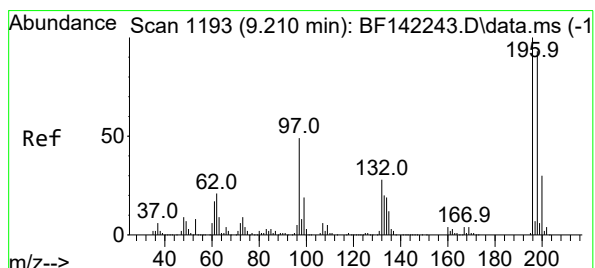
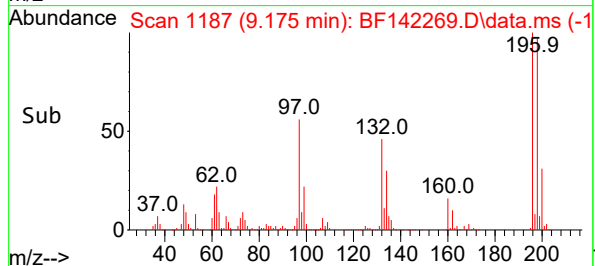
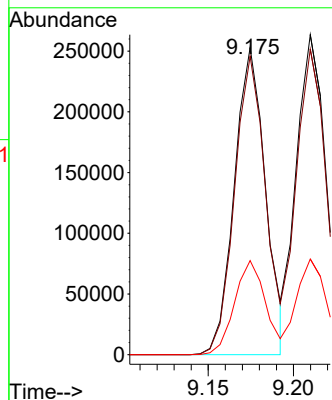
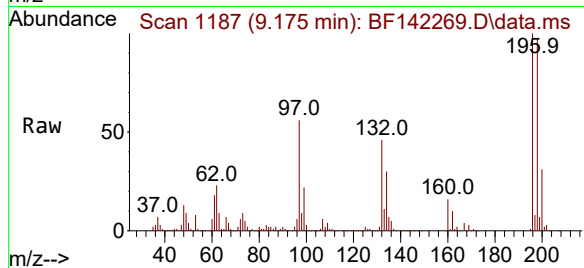
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#44

2,4,5-Trichlorophenol

Concen: 48.342 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Tgt Ion:196 Resp: 318776

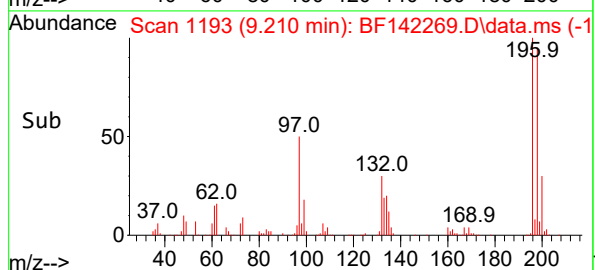
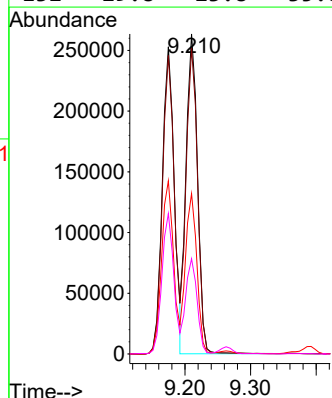
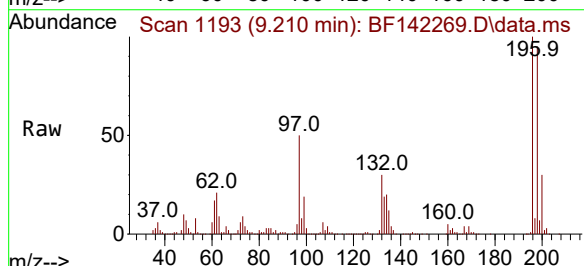
Ion Ratio Lower Upper

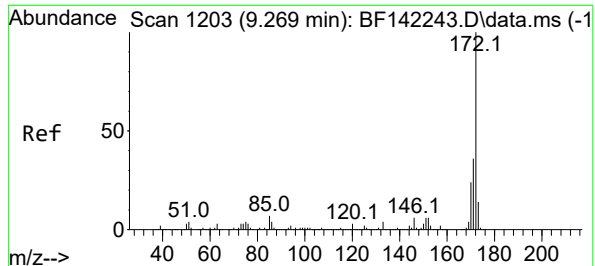
196 100

198 95.5 75.2 112.8

97 50.1 39.8 59.8

132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 63.132 ng

RT: 9.263 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:172 Resp: 161032

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 23.5 19.4 29.0

Manual Integrations

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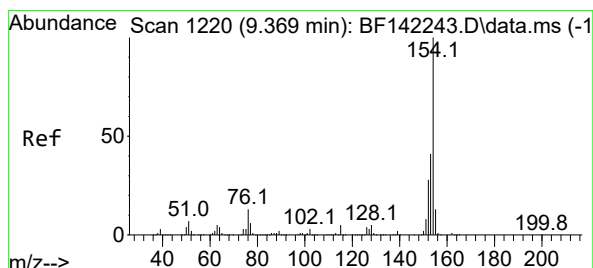
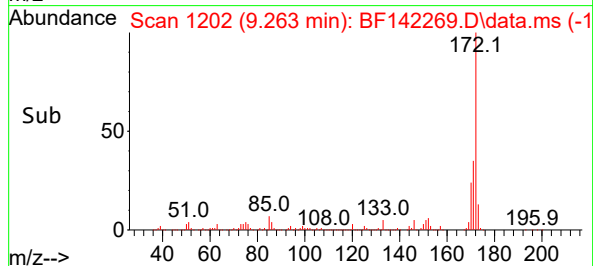
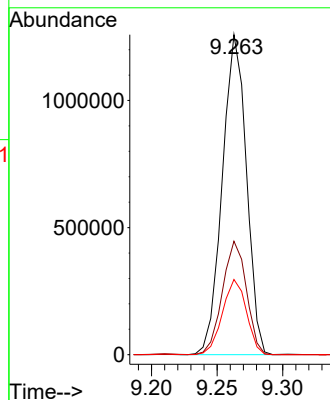
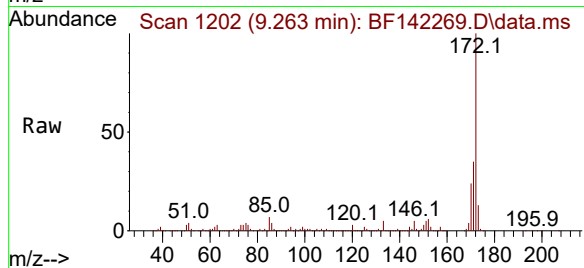
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#46

1,1'-Biphenyl

Concen: 47.717 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

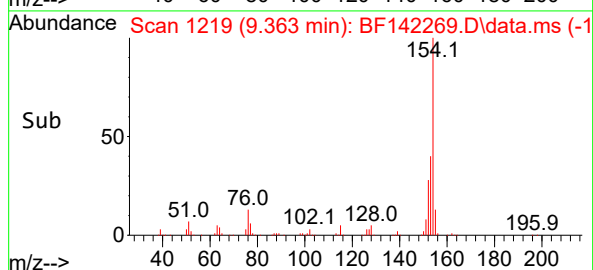
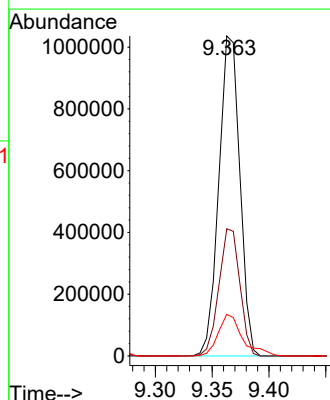
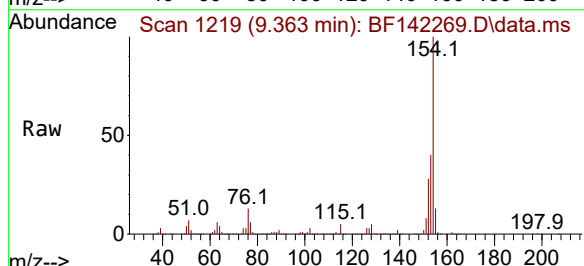
Tgt Ion:154 Resp: 1334117

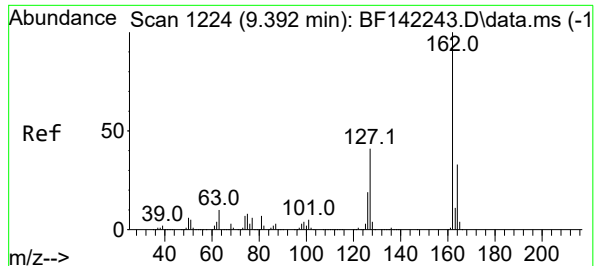
Ion Ratio Lower Upper

154 100

153 39.7 20.5 60.5

76 13.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 46.922 ng

RT: 9.392 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:162 Resp: 976038

Ion Ratio Lower Upper

162 100

127 40.8 32.6 49.0

164 33.5 26.1 39.1

Manual Integrations

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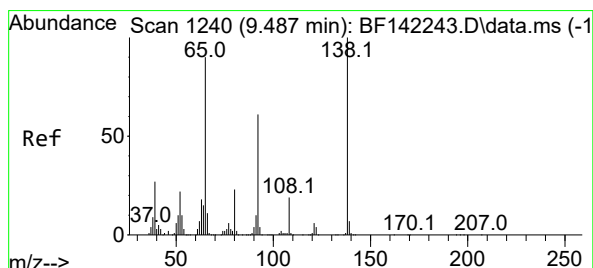
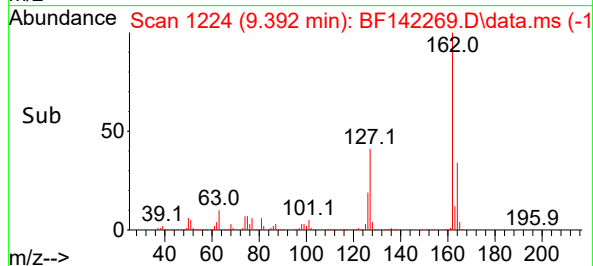
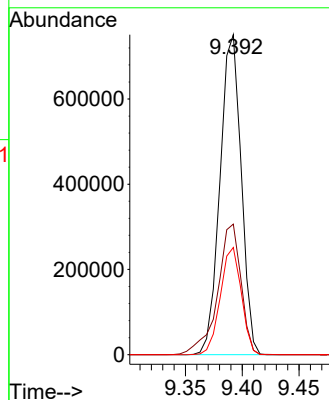
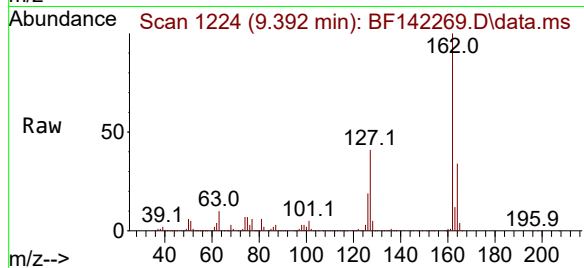
Chavli

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Upadhyay

05/02/2025



#48

2-Nitroaniline

Concen: 47.433 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.007 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

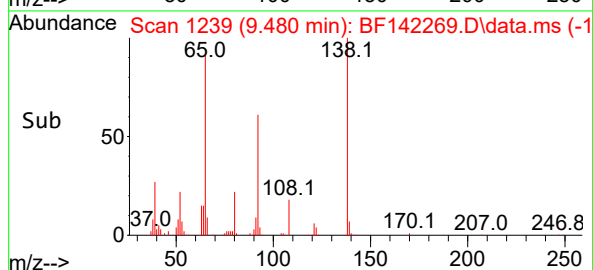
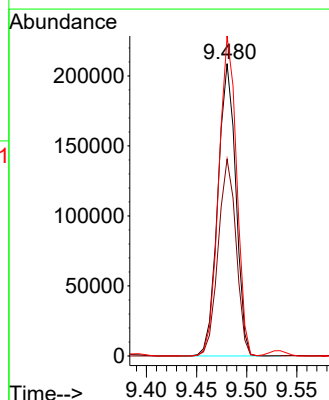
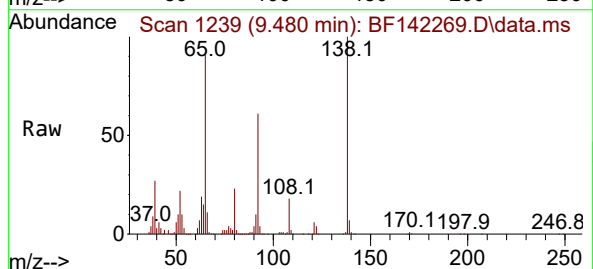
Tgt Ion: 65 Resp: 259849

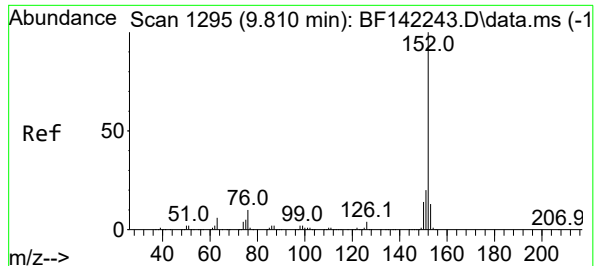
Ion Ratio Lower Upper

65 100

92 67.3 54.3 81.5

138 109.4 88.6 133.0





#49

Acenaphthylene

Concen: 45.426 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142269.D

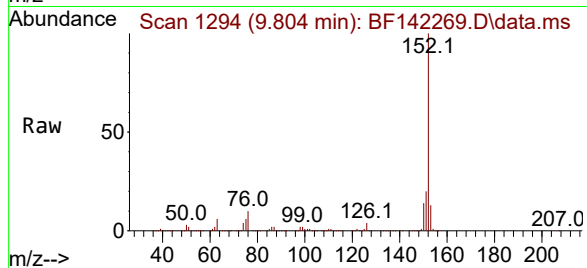
Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS



Tgt Ion:152 Resp: 159452

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.7 16.1

Manual Integrations

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Reviewed By :Rahul

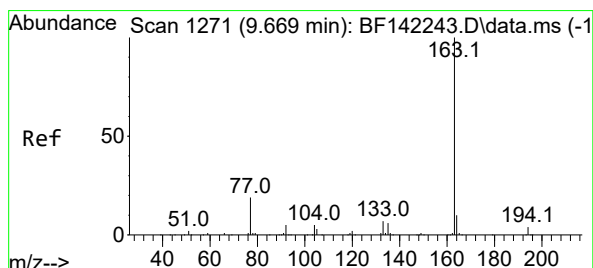
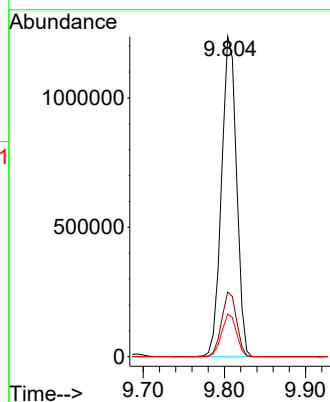
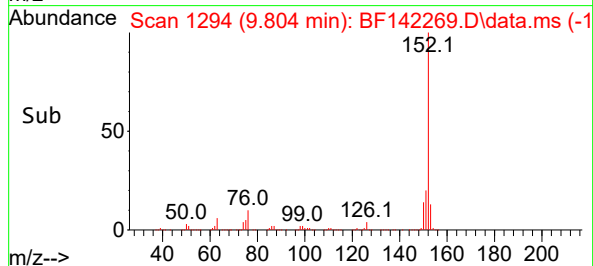
Chavli

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Upadhyay

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#50

Dimethylphthalate

Concen: 46.343 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

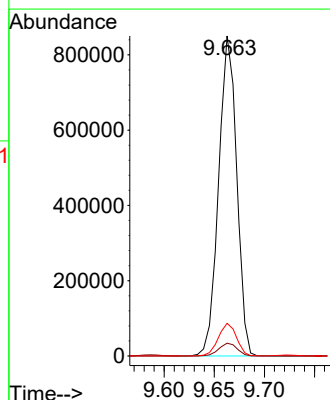
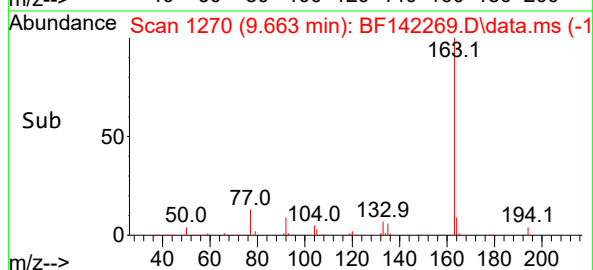
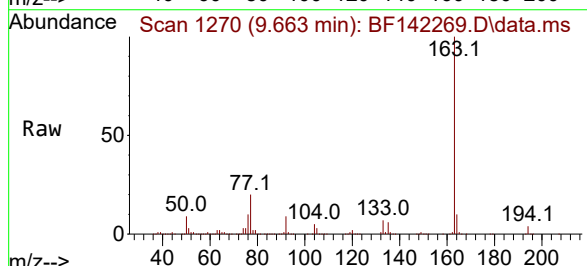
Tgt Ion:163 Resp: 1066261

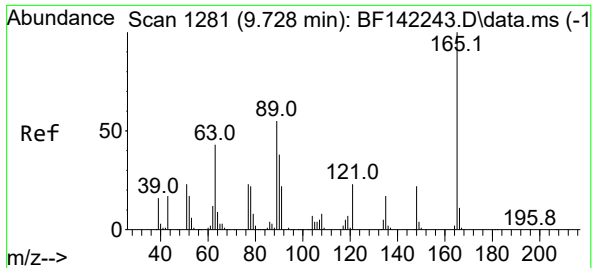
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

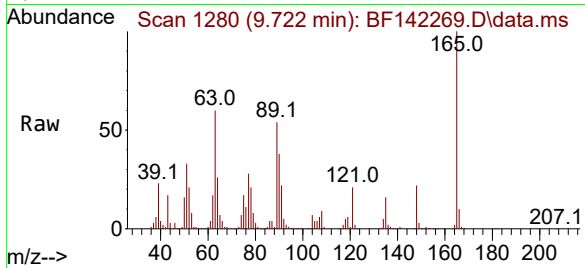
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.680 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

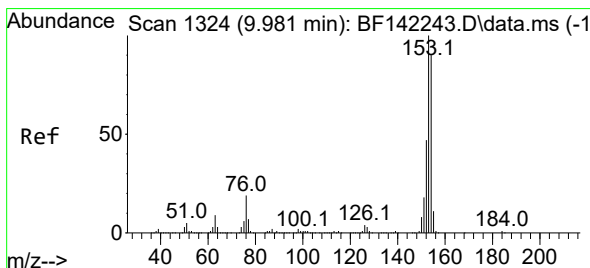
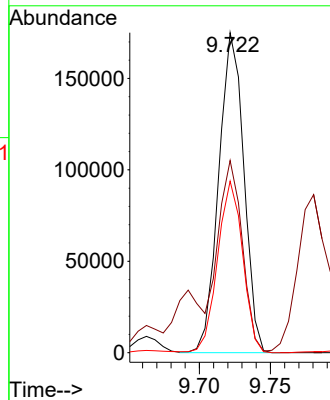
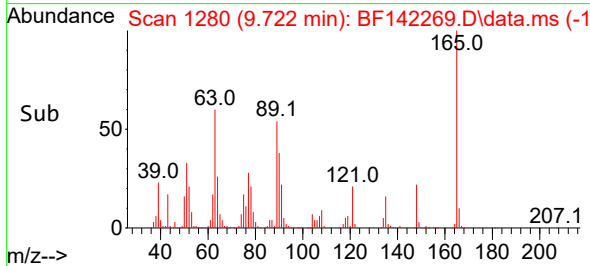


Tgt Ion:165 Resp: 21510
Ion Ratio Lower Upper
165 100
63 60.1 48.5 72.7
89 53.6 43.9 65.9

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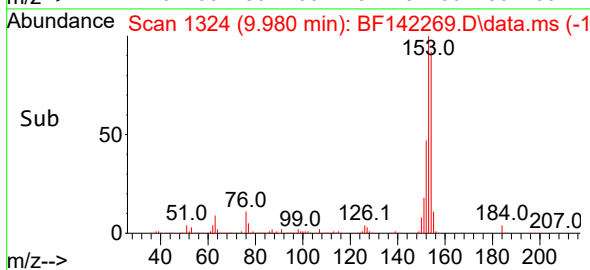
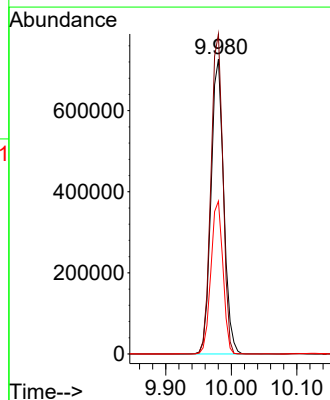
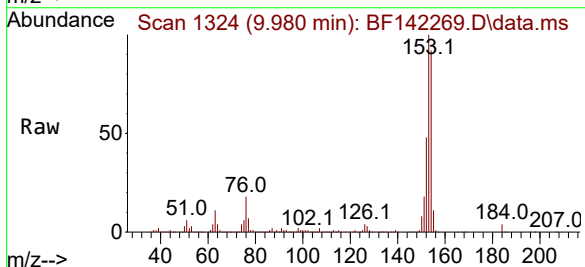
Reviewed By :Rahul
Chavli
05/02/2025

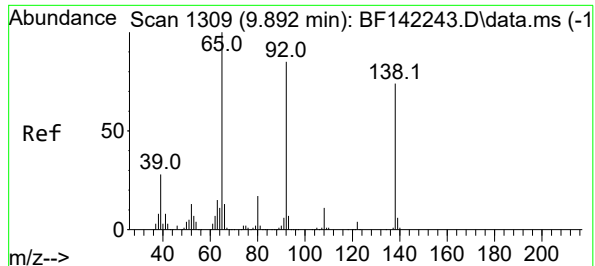
Supervised By :Jagrut
Upadhyay
05/02/2025



#52
Acenaphthene
Concen: 47.938 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

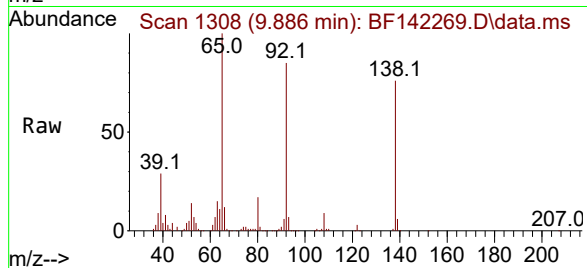
Tgt Ion:154 Resp: 982506
Ion Ratio Lower Upper
154 100
153 108.5 88.6 133.0
152 51.8 42.1 63.1





#53
3-Nitroaniline
Concen: 25.292 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

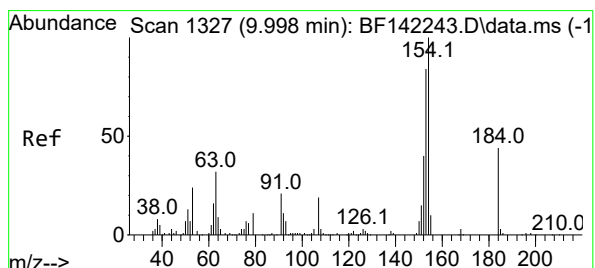
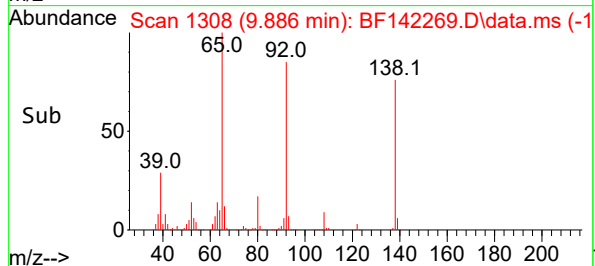
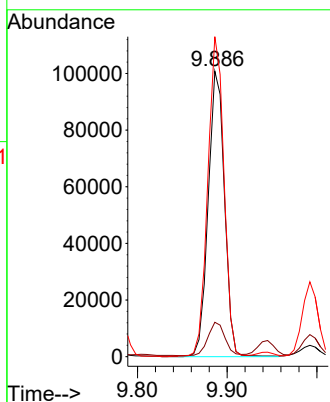


Tgt Ion:138 Resp: 127102
Ion Ratio Lower Upper
138 100
108 12.1 11.7 17.5
92 112.1 91.2 136.8

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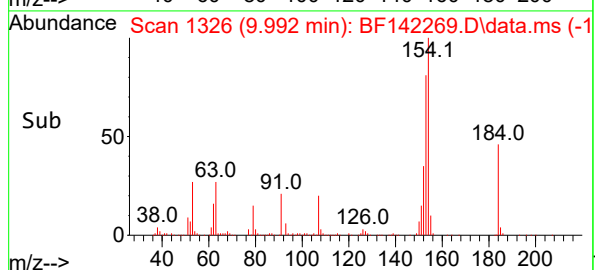
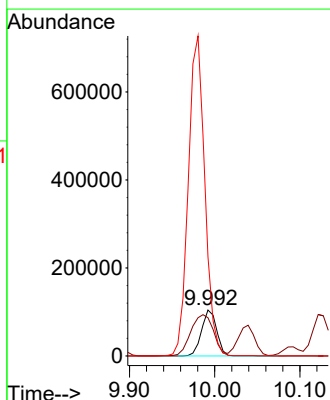
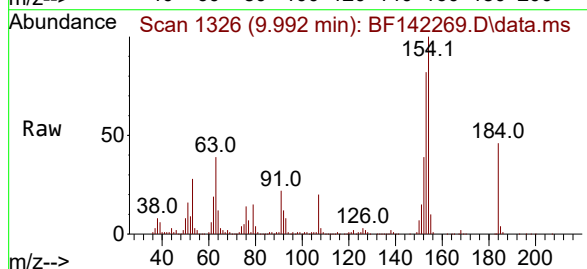
Reviewed By :Rahul
Chavli
05/02/2025

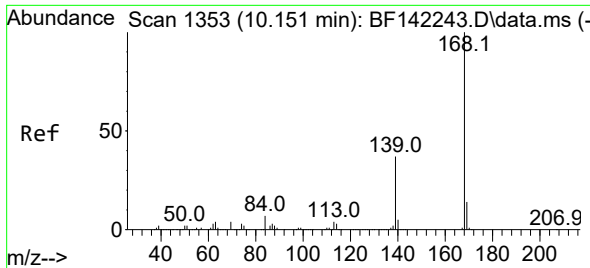
Supervised By :Jagrut
Upadhyay
05/02/2025



#54
2,4-Dinitrophenol
Concen: 82.147 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

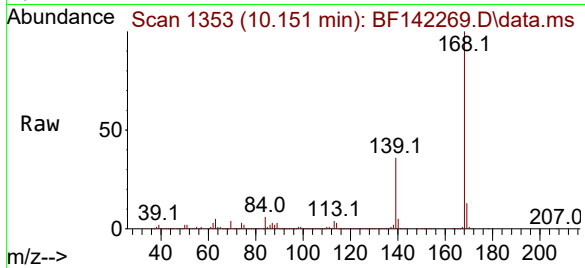
Tgt Ion:184 Resp: 128668
Ion Ratio Lower Upper
184 100
63 83.3 69.2 103.8
154 216.1 271.4 407.2#





#55
Dibenzofuran
Concen: 44.394 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

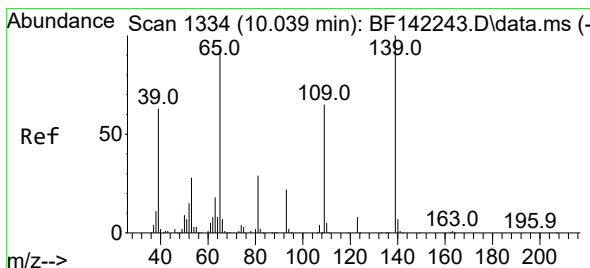
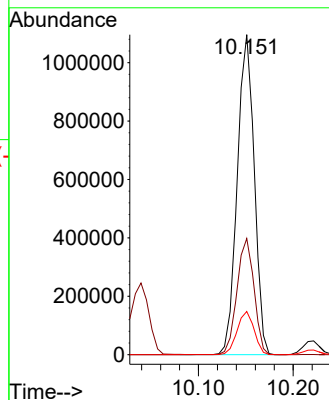
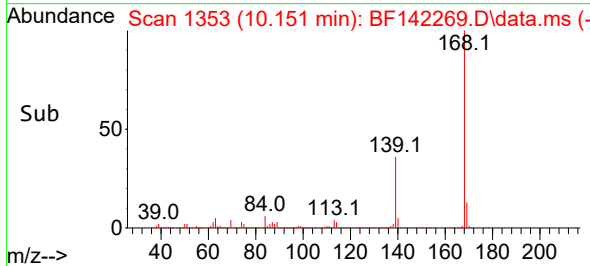


Tgt Ion:168 Resp: 136390
Ion Ratio Lower Upper
168 100
139 36.3 29.4 44.0
169 13.5 11.0 16.4

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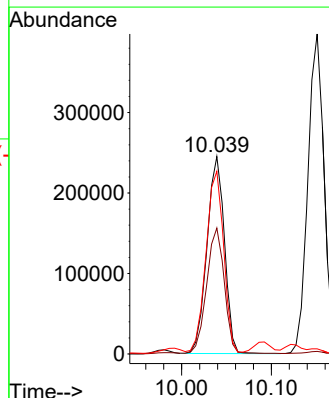
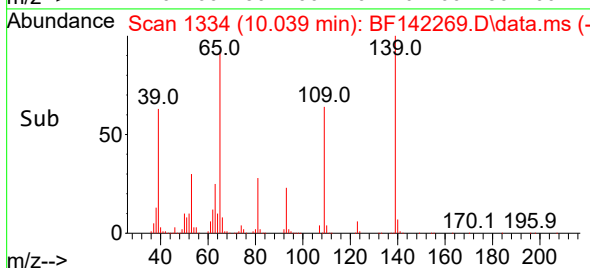
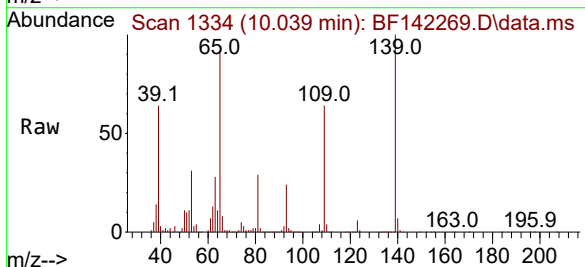
Reviewed By :Rahul
Chavli
05/02/2025

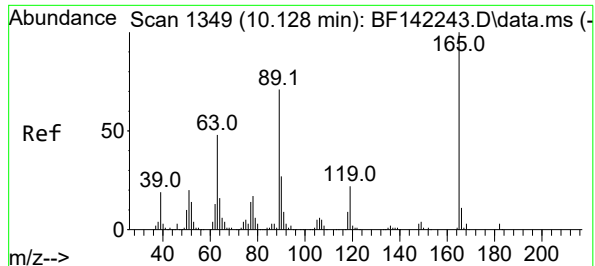
Supervised By :Jagrut
Upadhyay
05/02/2025



#56
4-Nitrophenol
Concen: 91.654 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

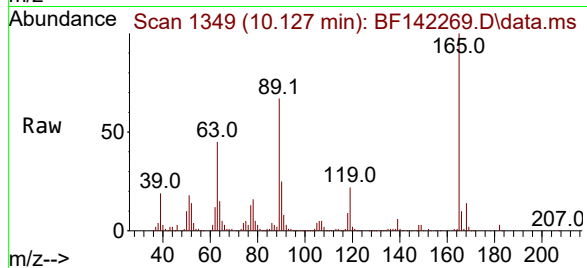
Tgt Ion:139 Resp: 331460
Ion Ratio Lower Upper
139 100
109 63.8 44.9 84.9
65 92.5 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 48.111 ng
RT: 10.127 min Scan# 1410
Delta R.T. -0.001 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

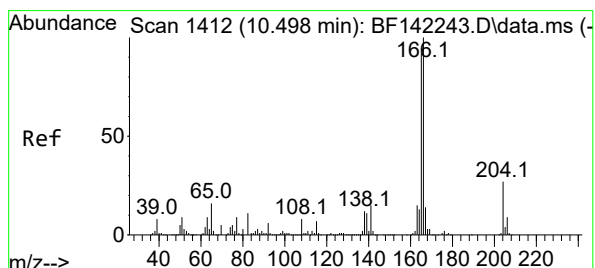
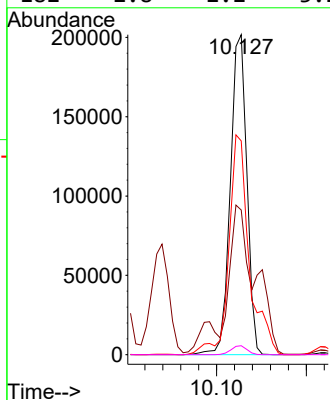
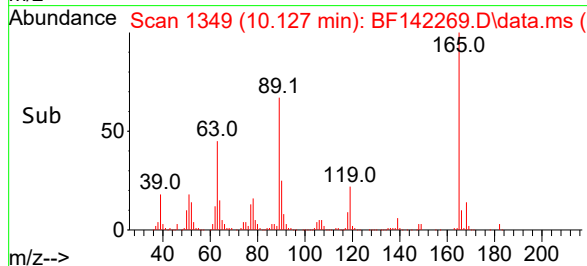


Tgt Ion:165 Resp: 257080
Ion Ratio Lower Upper
165 100
63 45.2 38.8 58.2
89 66.8 57.1 85.7
182 2.8 2.2 3.2

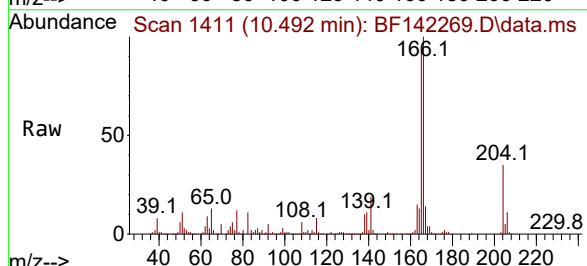
Manual Integrations
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Chavli
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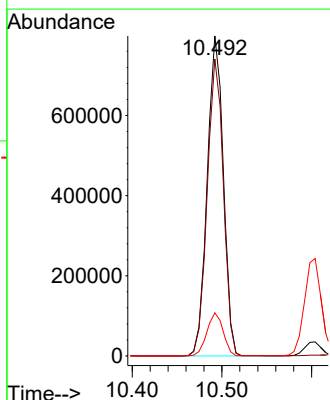
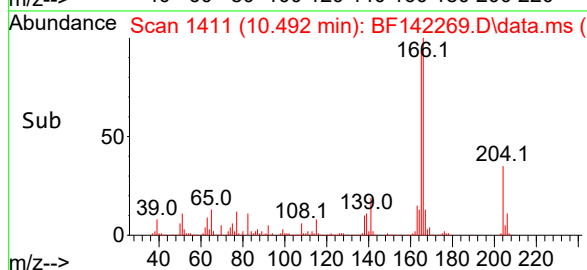
Supervised By :Jagrut
Upadhyay
05/02/2025

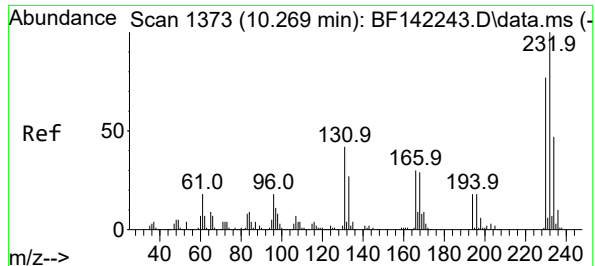


#58
Fluorene
Concen: 42.717 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24



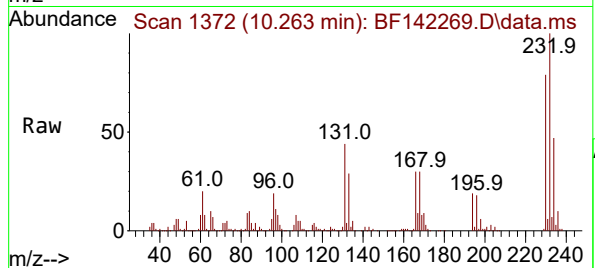
Tgt Ion:166 Resp: 997907
Ion Ratio Lower Upper
166 100
165 92.8 73.9 110.9
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.135 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

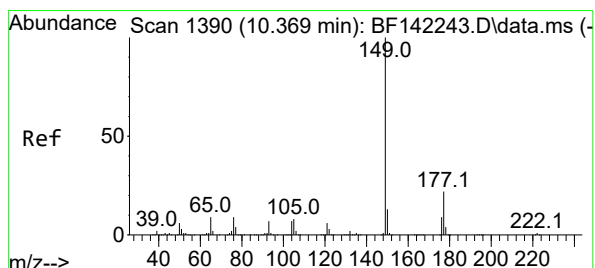
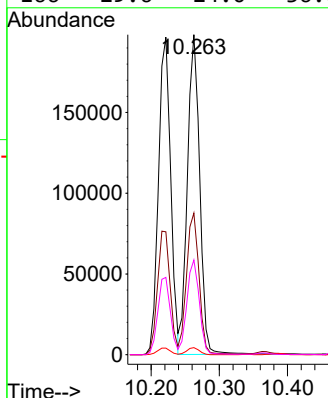
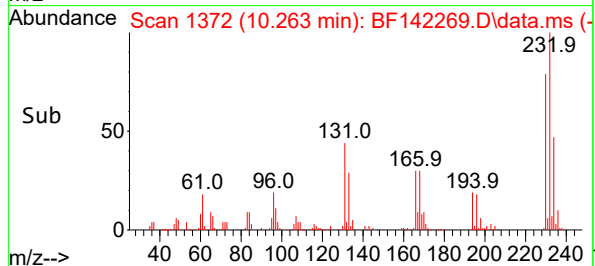


Tgt Ion:232 Resp: 246538
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.2 1.8 2.6
166 29.6 24.0 36.0

Manual Integrations
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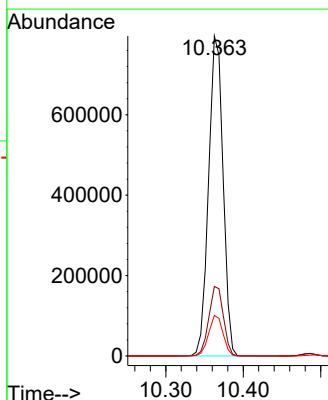
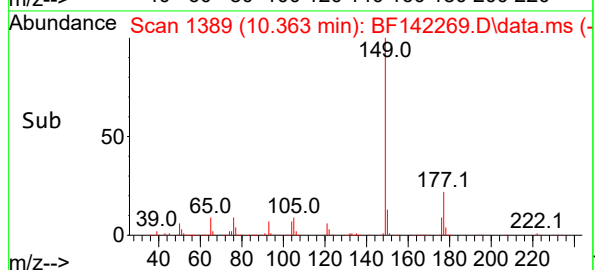
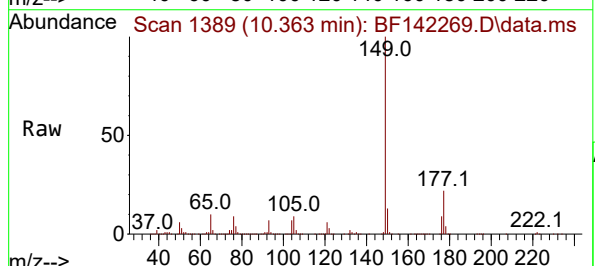
Reviewed By :Rahul
Chavli
05/02/2025

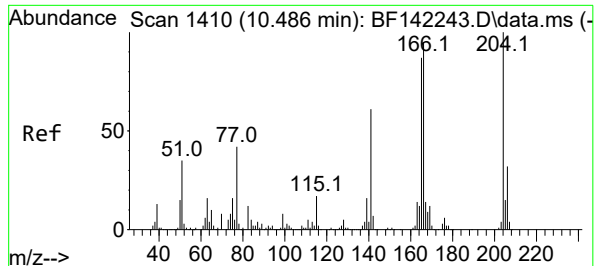
Supervised By :Jagrut
Upadhyay
05/02/2025



#60
Diethylphthalate
Concen: 45.408 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

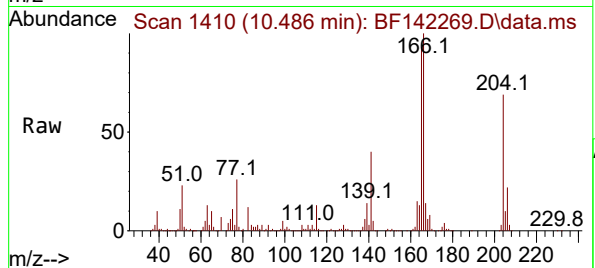
Tgt Ion:149 Resp: 1031674
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.277 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



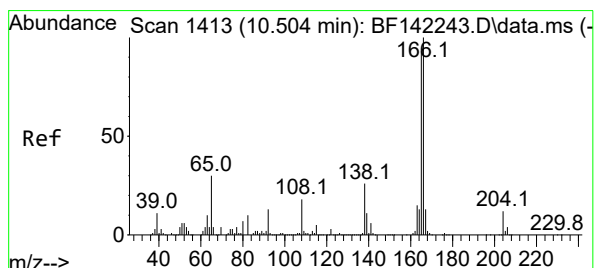
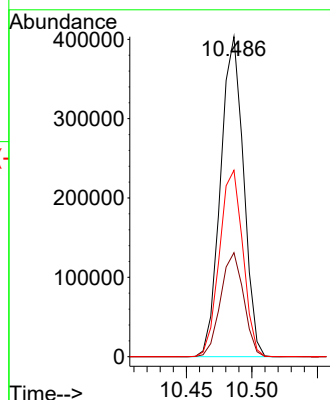
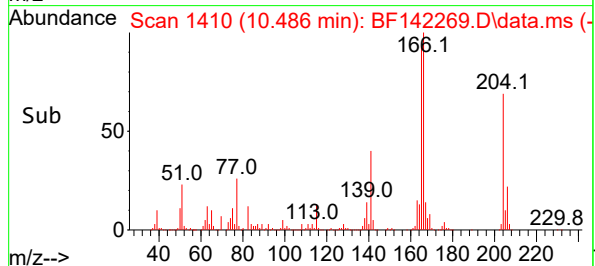
Tgt Ion:204 Resp: 491200
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 58.3 48.9 73.3

Manual Integrations
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Reviewed By :Rahul
Chavli

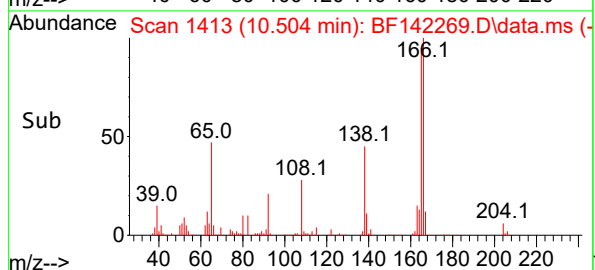
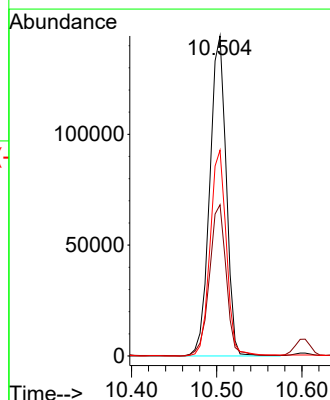
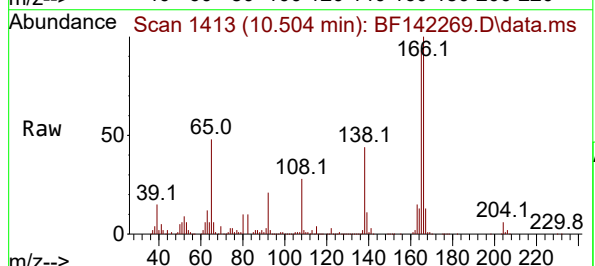
05/02/2025

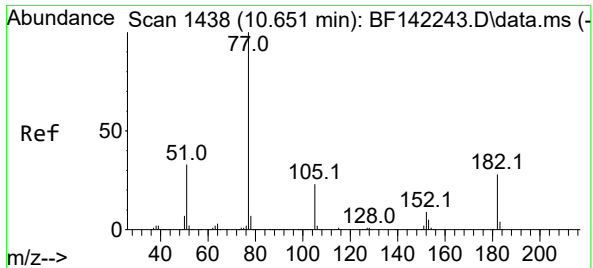
Supervised By :Jagrut
Upadhyay
05/02/2025



#62
4-Nitroaniline
Concen: 40.097 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

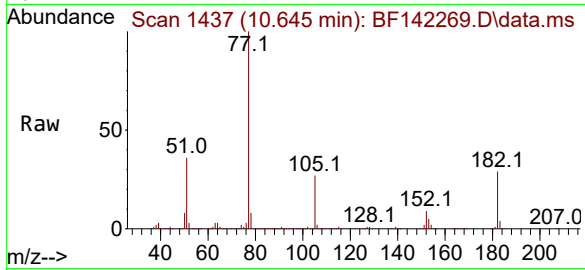
Tgt Ion:138 Resp: 193314
Ion Ratio Lower Upper
138 100
92 47.3 29.2 69.2
108 64.3 49.1 89.1





#63
Azobenzene
Concen: 48.349 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

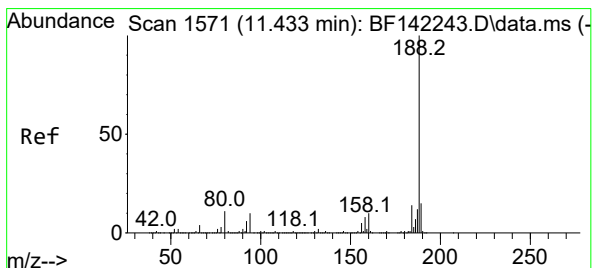
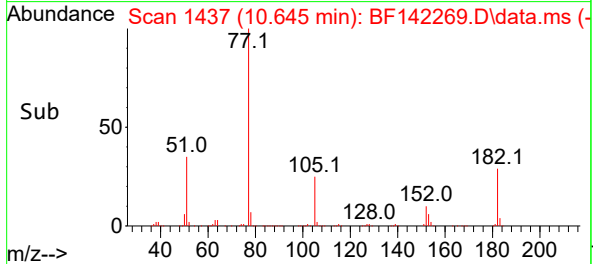
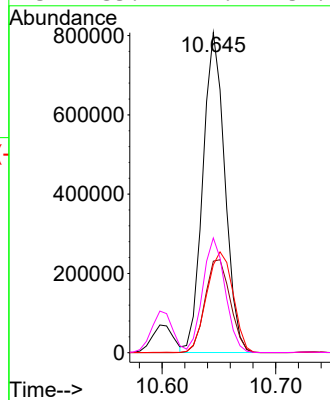


Tgt Ion: 77 Resp: 1084740
Ion Ratio Lower Upper
77 100
182 28.6 7.3 47.3
105 27.5 2.5 42.5
51 35.9 14.4 54.4

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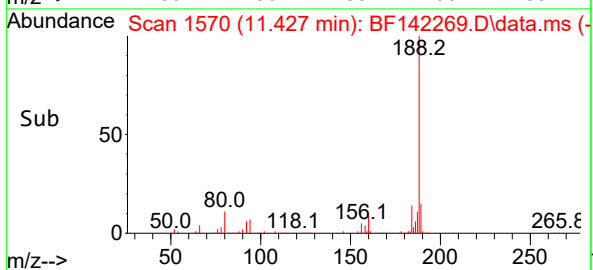
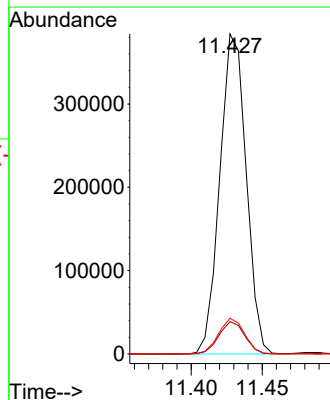
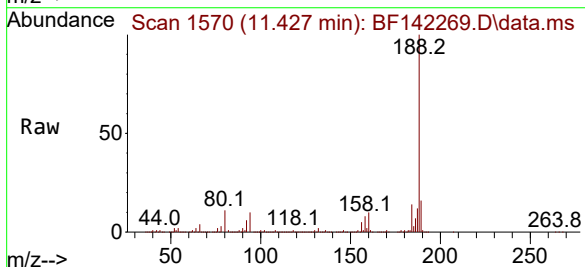
Reviewed By :Rahul
Chavli
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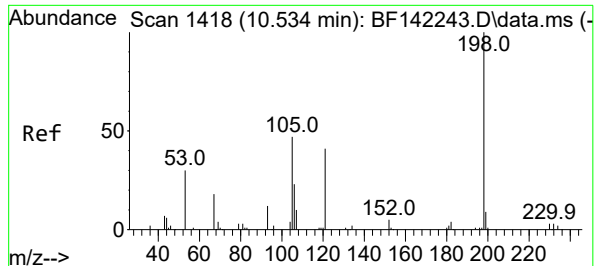
Supervised By :Jagrut
Upadhyay
05/02/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

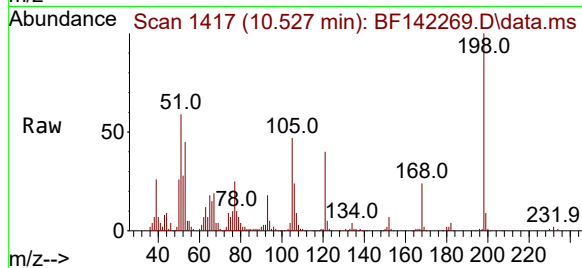
Tgt Ion:188 Resp: 495470
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 52.188 ng
RT: 10.527 min Scan# 1417
Delta R.T. -0.007 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS

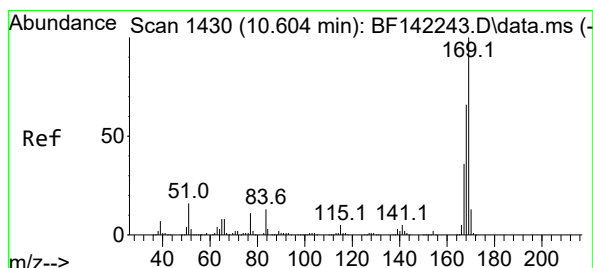
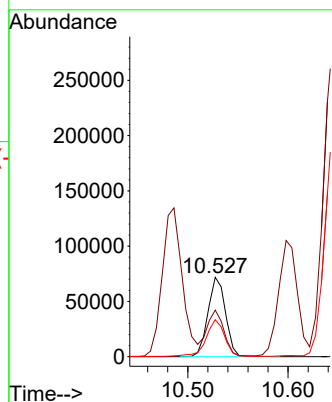
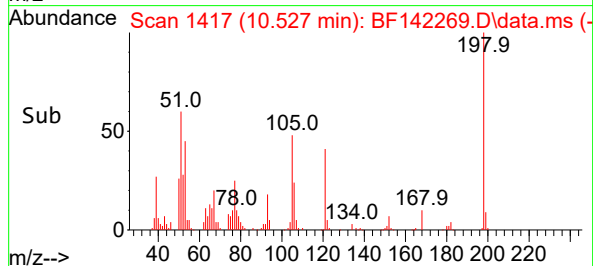


Tgt Ion:198 Resp: 87110
Ion Ratio Lower Upper
198 100
51 58.7 40.6 80.6
105 46.5 29.2 69.2

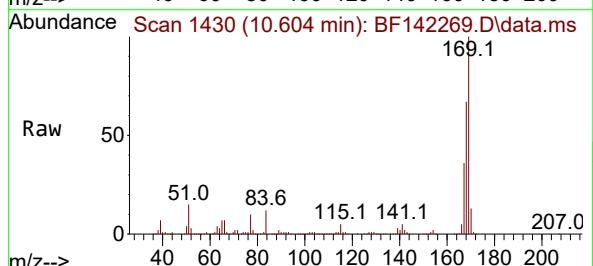
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Reviewed By :Rahul
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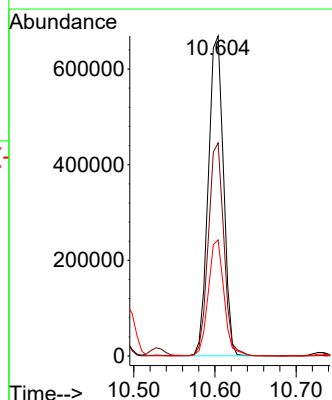
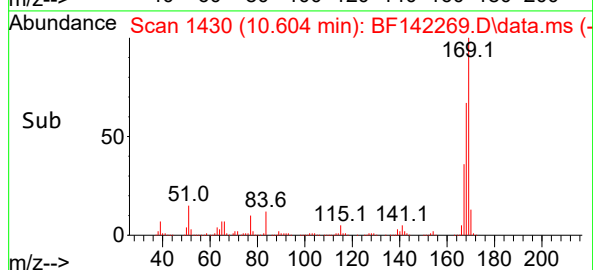
Supervised By :Jagrut
Upadhyay
05/02/2025

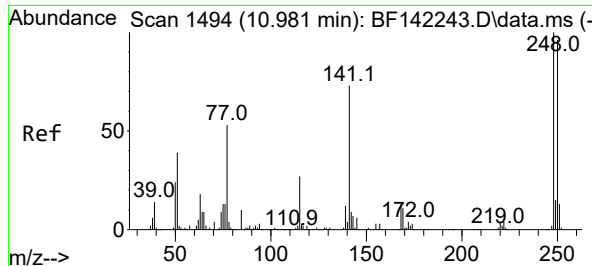


#66
n-Nitrosodiphenylamine
Concen: 51.295 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24



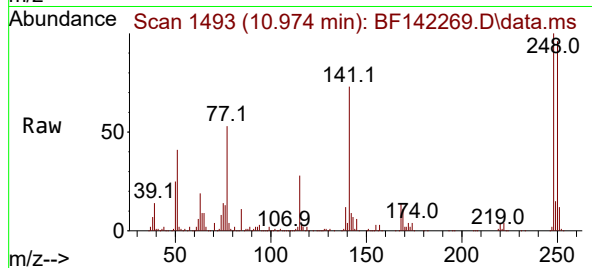
Tgt Ion:169 Resp: 868383
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 53.349 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



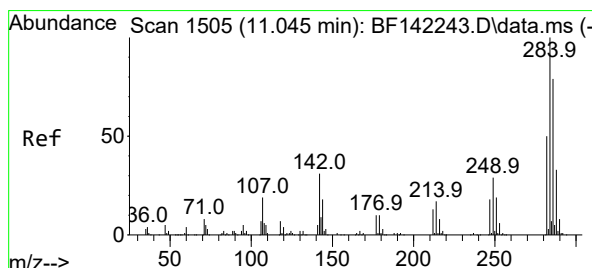
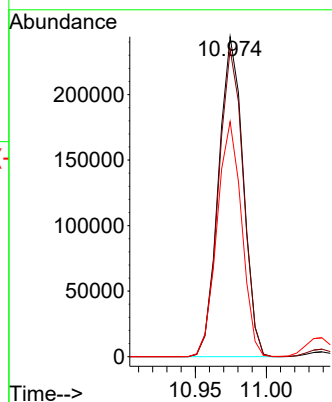
Tgt Ion:248 Resp: 294375
Ion Ratio Lower Upper
248 100
250 96.0 77.2 115.8
141 73.5 58.4 87.6

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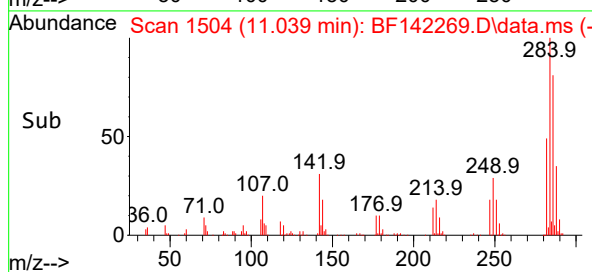
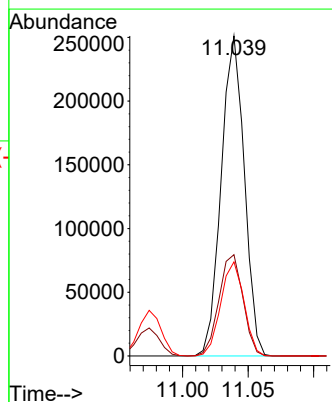
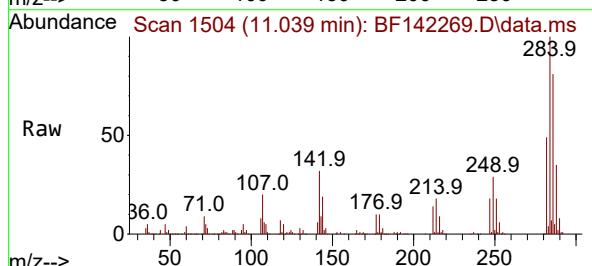
05/02/2025

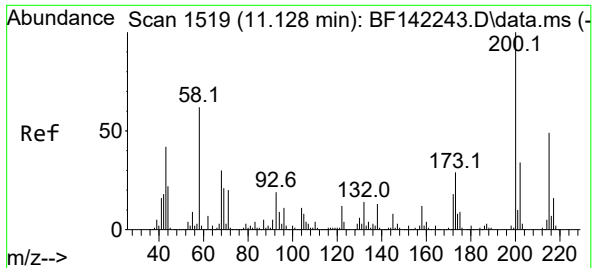
Supervised By :Jagrut
Upadhyay
05/02/2025



#68
Hexachlorobenzene
Concen: 49.785 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

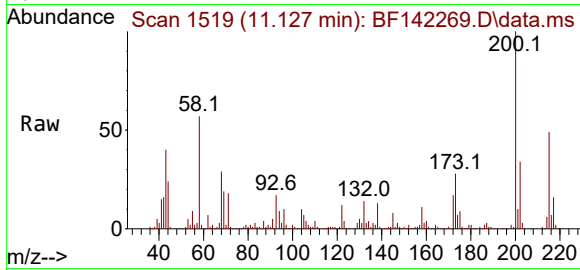
Tgt Ion:284 Resp: 307669
Ion Ratio Lower Upper
284 100
142 31.7 24.6 37.0
249 29.4 23.2 34.8





#69
Atrazine
Concen: 54.396 ng
RT: 11.127 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



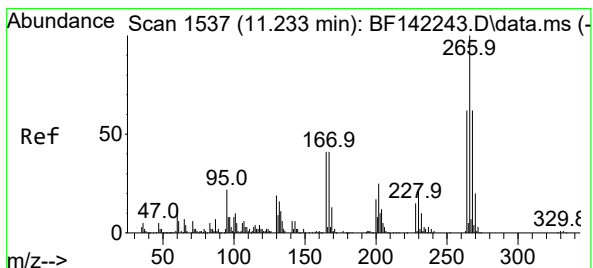
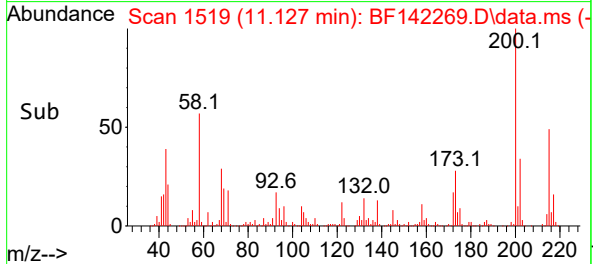
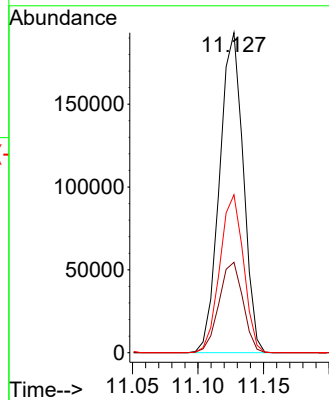
Tgt Ion:200 Resp: 242733
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 49.4 28.5 68.5

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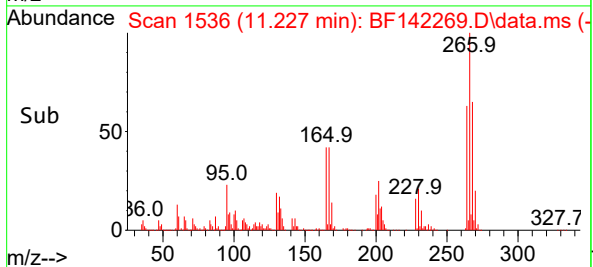
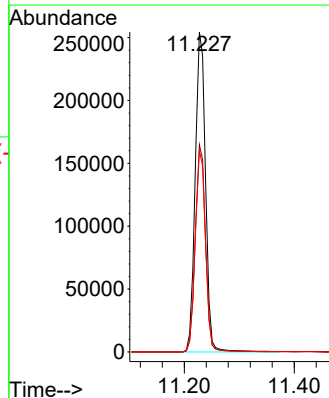
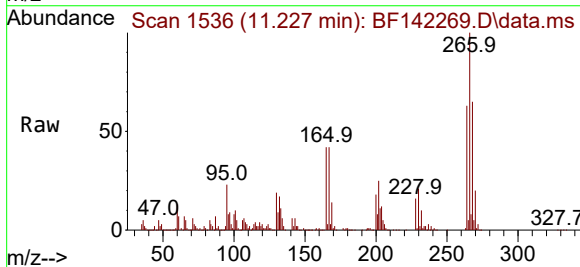
05/02/2025

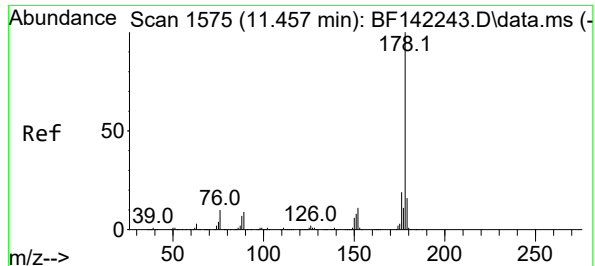
Supervised By :Jagrut
Upadhyay
05/02/2025



#70
Pentachlorophenol
Concen: 101.471 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:266 Resp: 331283
Ion Ratio Lower Upper
266 100
268 64.8 50.0 75.0
264 62.9 49.3 73.9





#71

Phenanthrene

Concen: 48.485 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:178 Resp: 1297633

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 15.4 12.6 19.0

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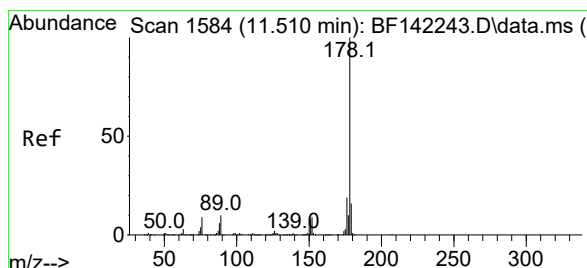
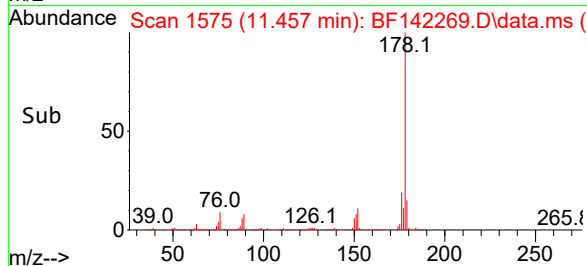
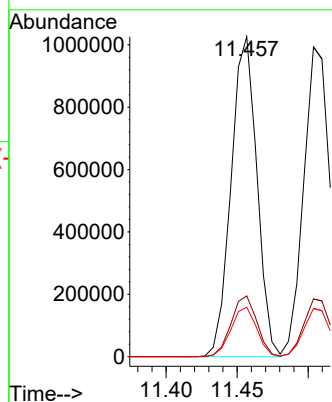
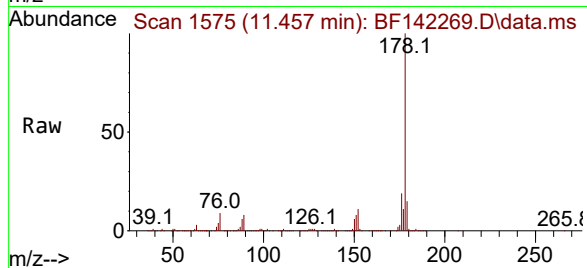
Chavli

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#72

Anthracene

Concen: 46.391 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

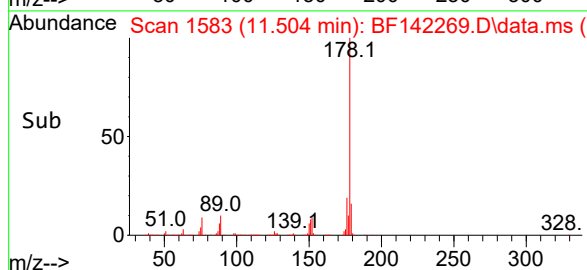
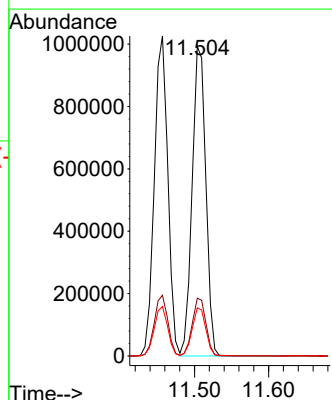
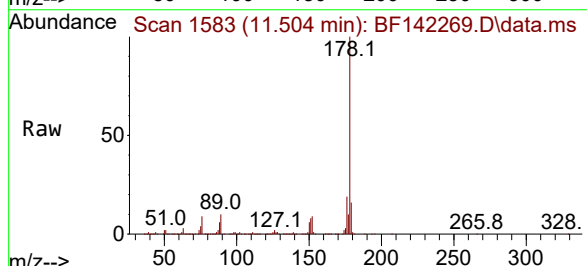
Tgt Ion:178 Resp: 1269418

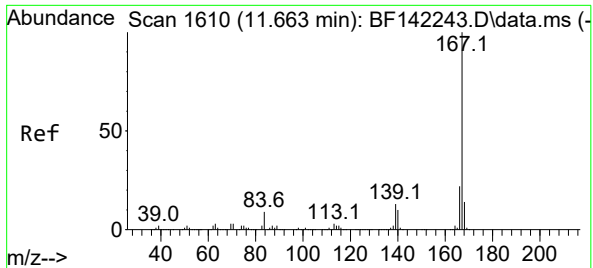
Ion Ratio Lower Upper

178 100

176 18.6 15.3 22.9

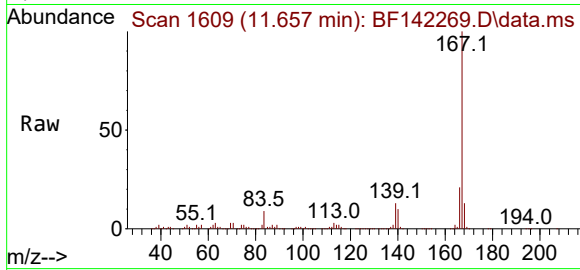
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 45.188 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MS



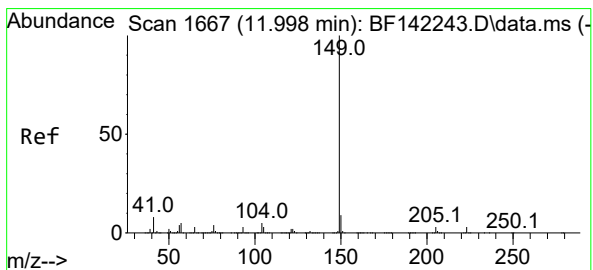
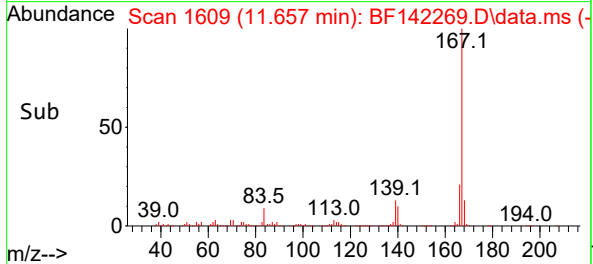
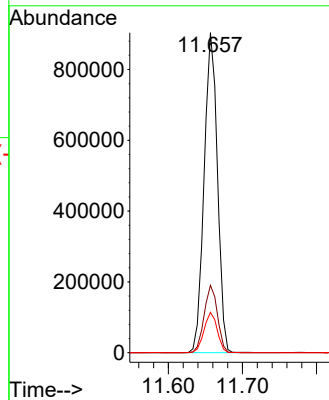
Tgt Ion:167 Resp: 112797
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 12.6 10.3 15.5

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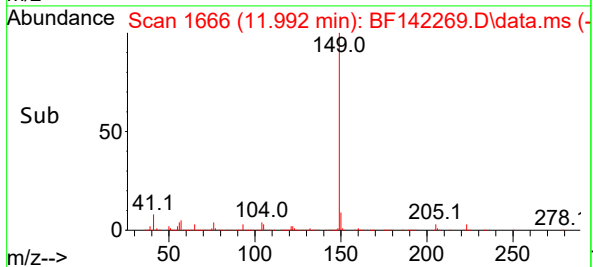
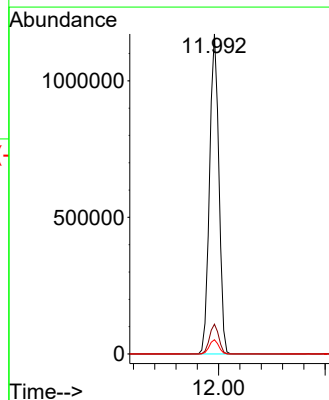
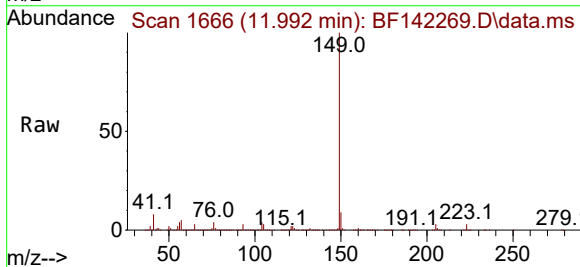
05/02/2025

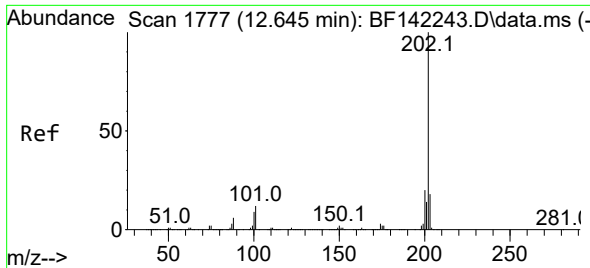
Supervised By :Jagrut
 Upadhyay
 05/02/2025



#74
 Di-n-butylphthalate
 Concen: 56.880 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142269.D
 Acq: 01 May 2025 19:24

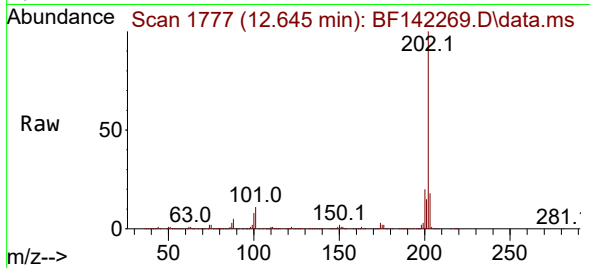
Tgt Ion:149 Resp: 1427936
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 50.534 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



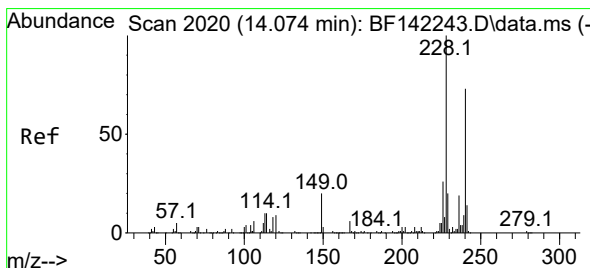
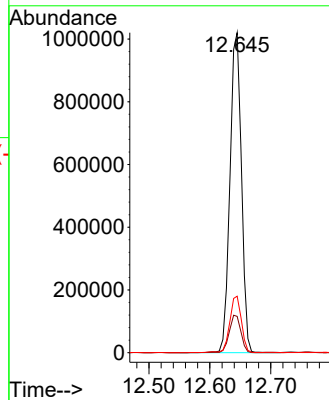
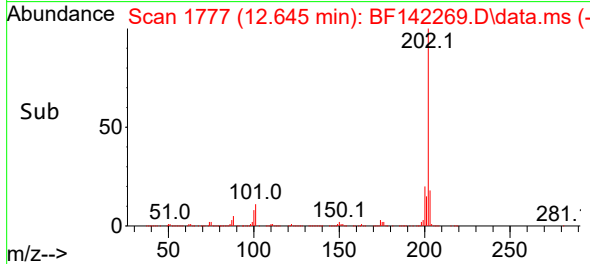
Tgt Ion:202 Resp: 1336930
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.4
203 17.7 0.0 37.5

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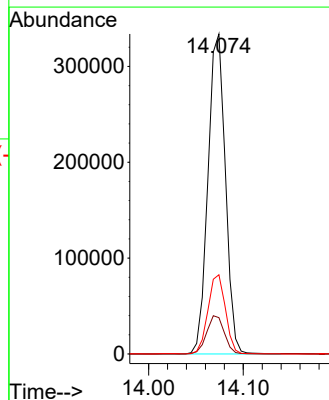
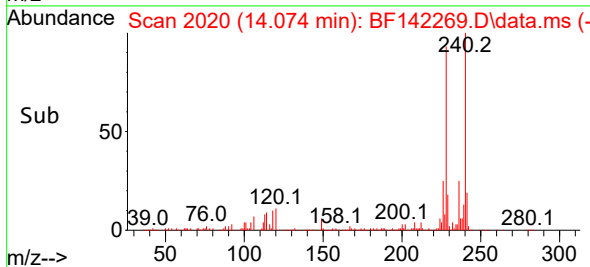
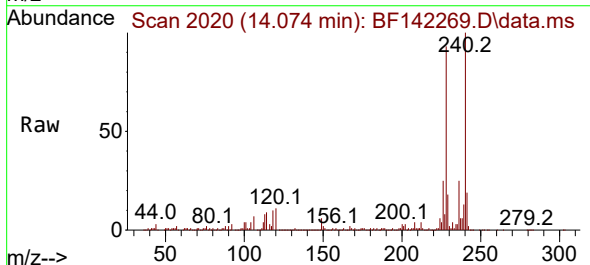
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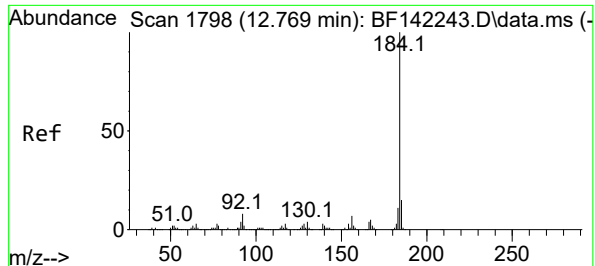
Supervised By :Jagrut
Upadhyay
05/02/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:240 Resp: 427878
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 24.8 20.5 30.7





#77

Benzidine

Concen: 26.736 ng

RT: 12.763 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:184 Resp: 486090

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

183 10.9 8.9 13.3

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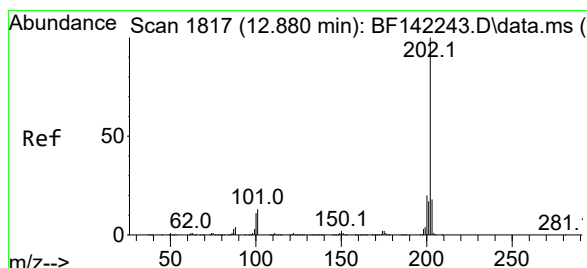
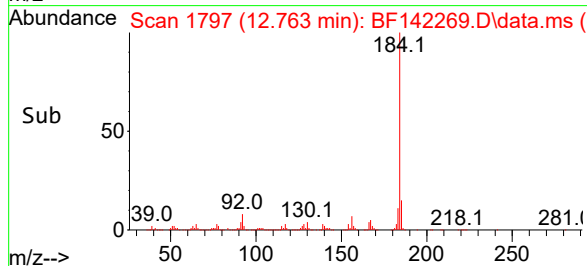
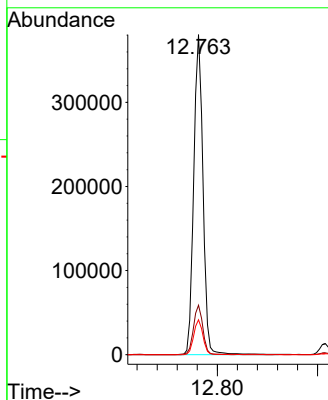
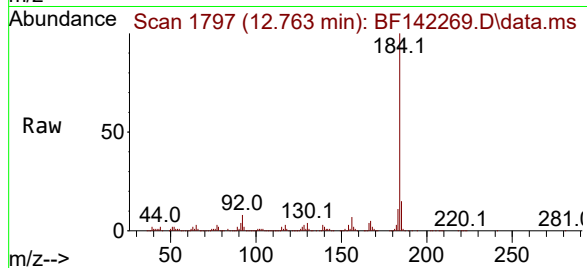
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#78

Pyrene

Concen: 34.539 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

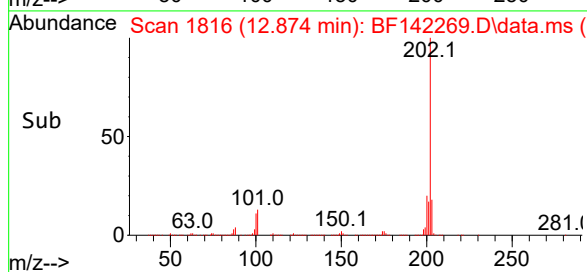
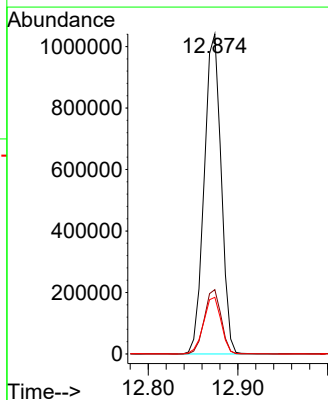
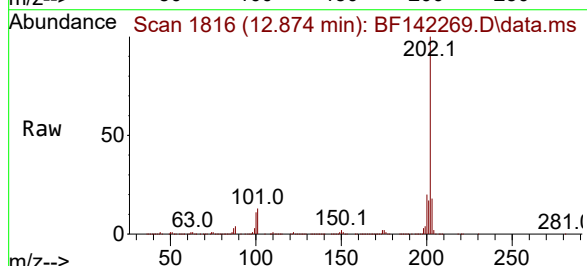
Tgt Ion:202 Resp: 1363266

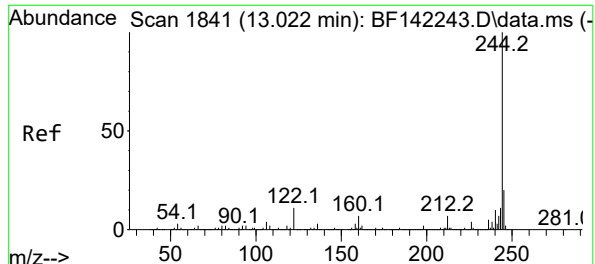
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 43.862 ng

RT: 13.015 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142269.D

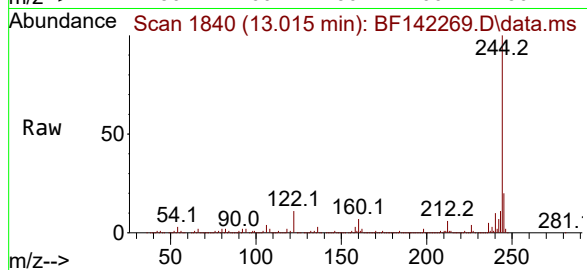
Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS



Tgt Ion:244 Resp: 1290400

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.3 9.1 13.7

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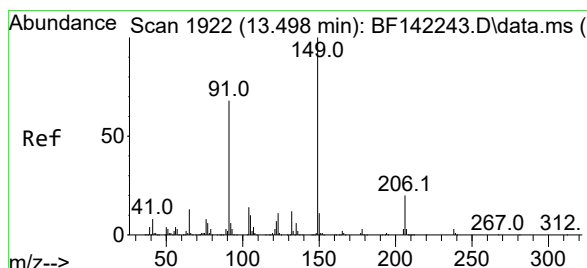
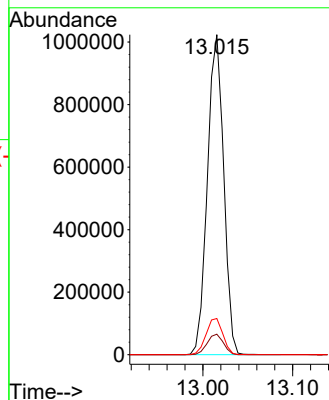
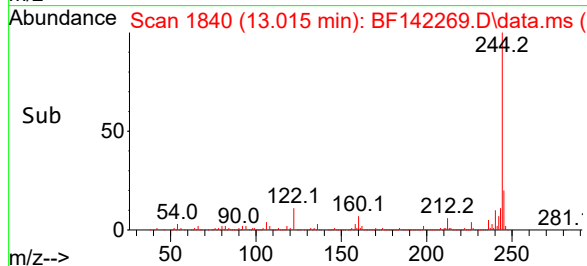
Chavli

05/02/2025

Supervised By :Jagrut

Upadhyay

05/02/2025



#80

Butylbenzylphthalate

Concen: 52.545 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

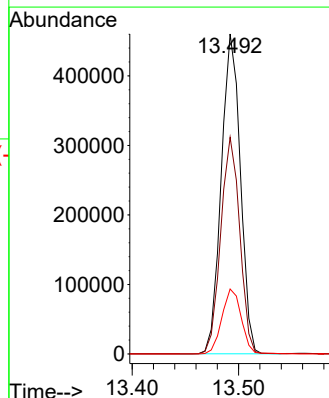
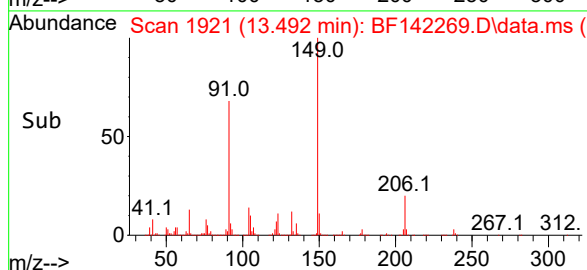
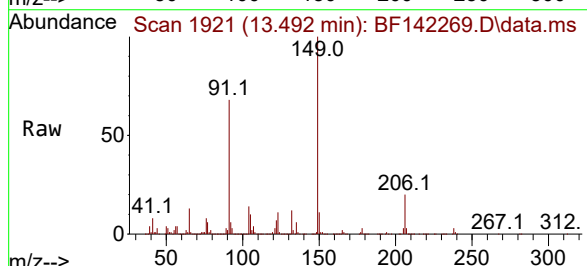
Tgt Ion:149 Resp: 571179

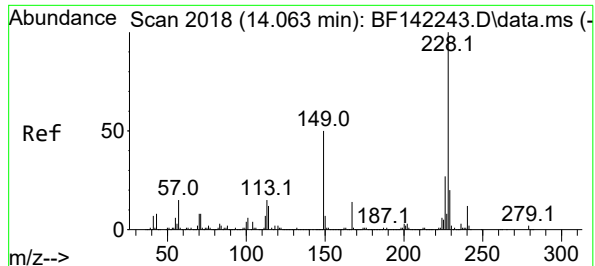
Ion Ratio Lower Upper

149 100

91 67.7 54.4 81.6

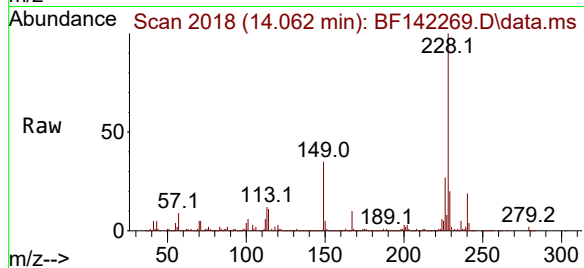
206 20.3 15.9 23.9





#81
Benzo(a)anthracene
Concen: 46.539 ng
RT: 14.062 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



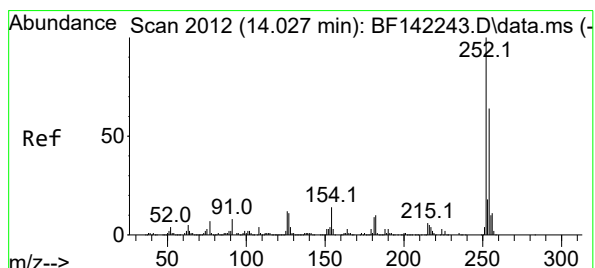
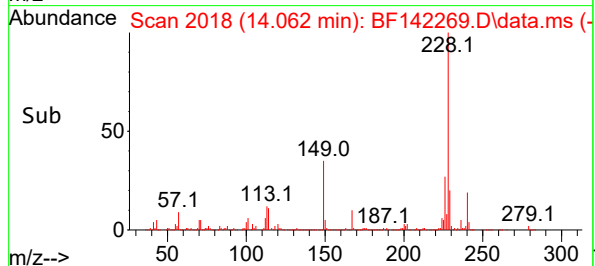
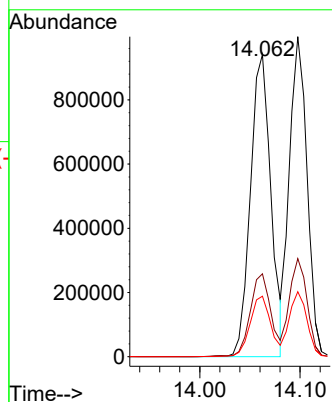
Tgt Ion:228 Resp: 1336800
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 20.0 16.0 24.0

Manual Integrations
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Chavli

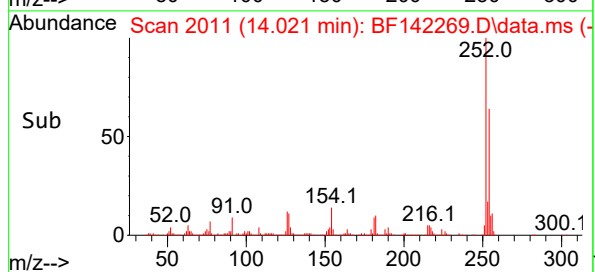
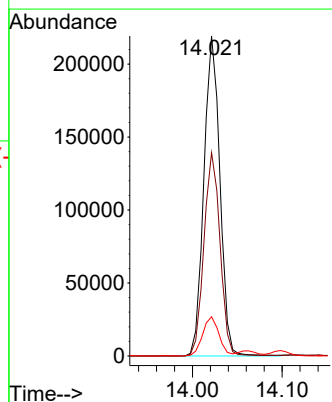
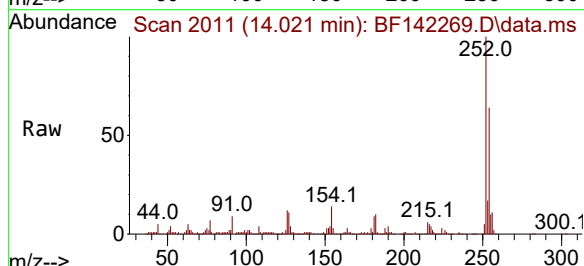
05/02/2025

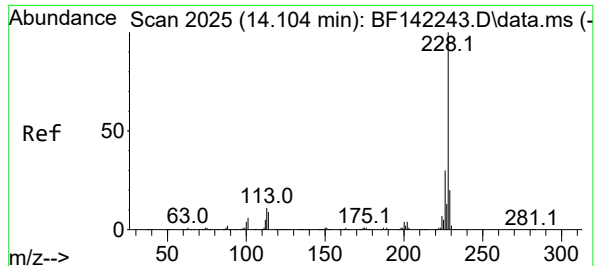
Supervised By :Jagrut
Upadhyay
05/02/2025



#82
3,3'-Dichlorobenzidine
Concen: 32.235 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:252 Resp: 271966
Ion Ratio Lower Upper
252 100
254 63.6 51.0 76.6
126 12.2 9.4 14.2





#83

Chrysene

Concen: 46.660 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:228 Resp: 121999

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

229 20.3 15.7 23.5

Manual Integrations

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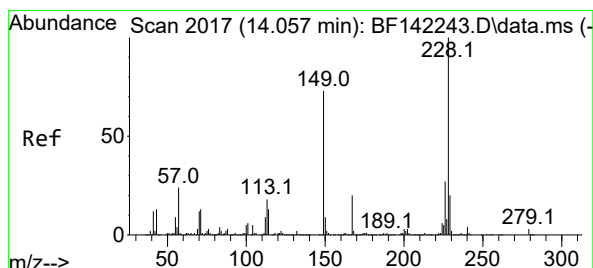
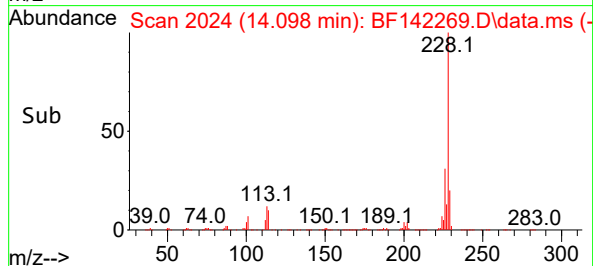
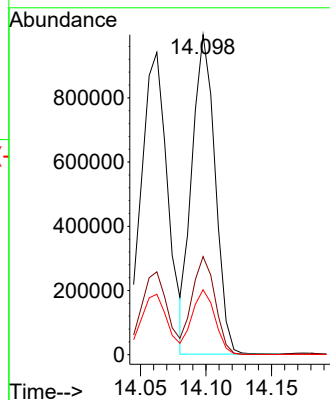
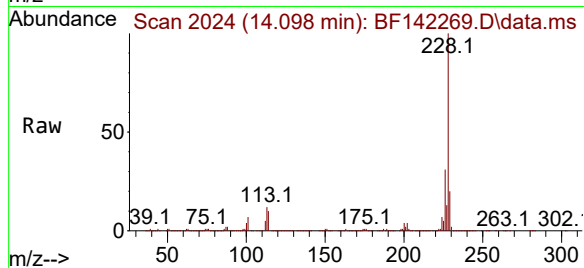
Chavli

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Supervised By :Jagrit

Upadhyay

05/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.190 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

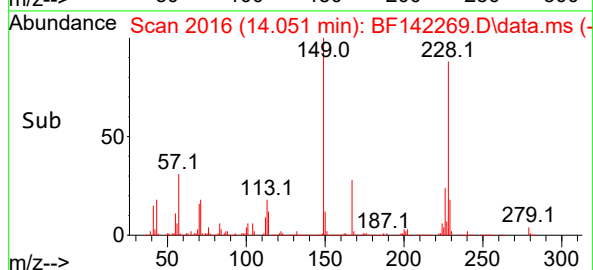
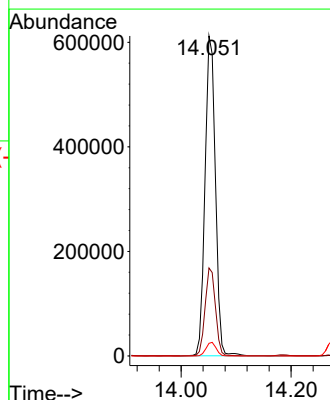
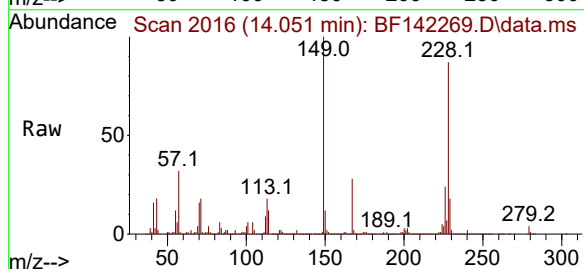
Tgt Ion:149 Resp: 801117

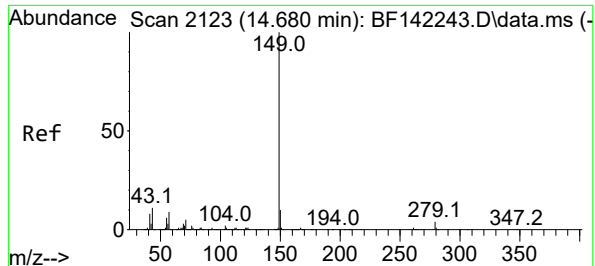
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 54.420 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.012 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:149 Resp: 151665

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 11.4 9.3 13.9

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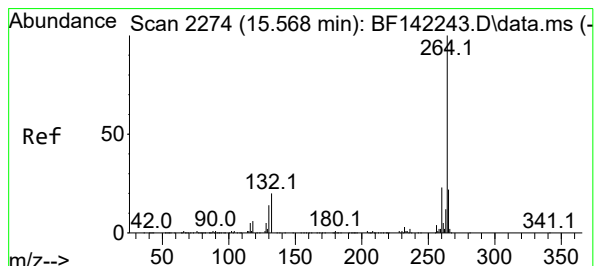
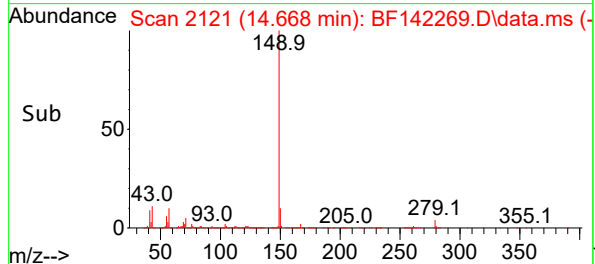
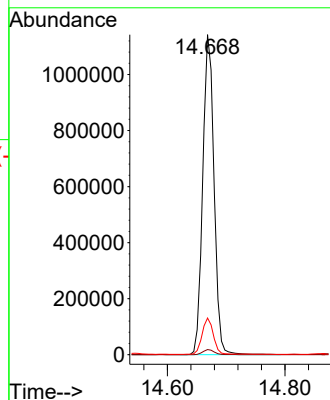
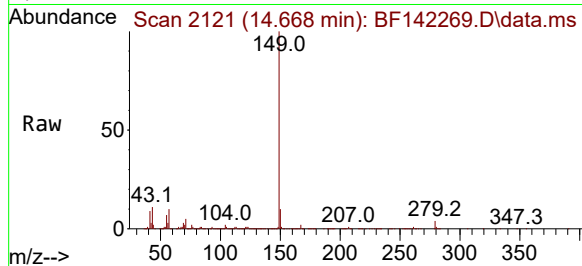
Chavli

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Upadhyay

05/02/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

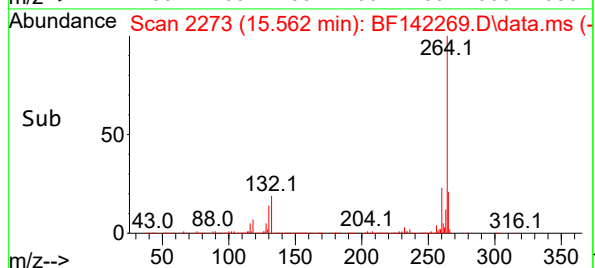
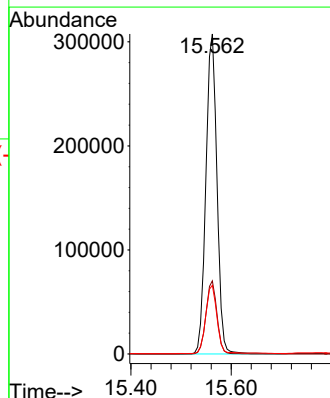
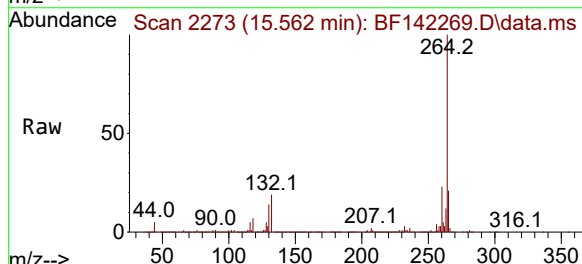
Tgt Ion:264 Resp: 472653

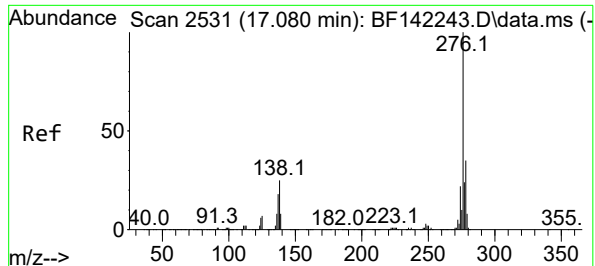
Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.838 ng

RT: 17.068 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:276 Resp: 117148

Ion Ratio Lower Upper

276 100

138 28.5 22.6 33.8

277 25.1 20.1 30.1

Manual Integrations

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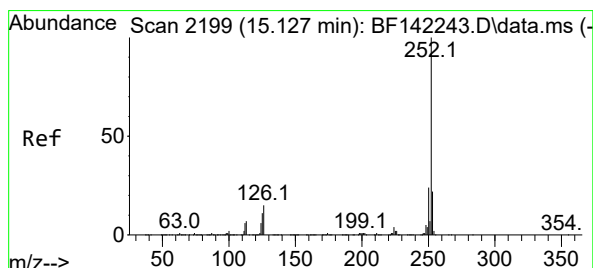
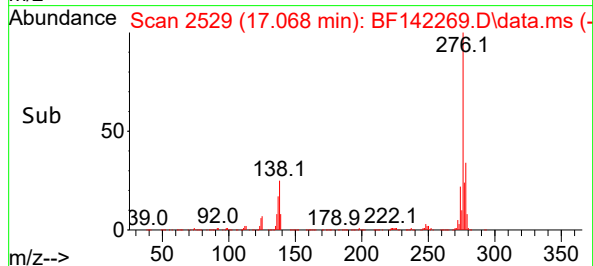
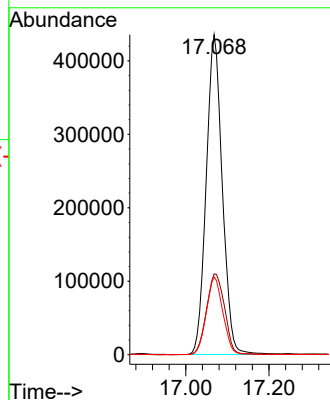
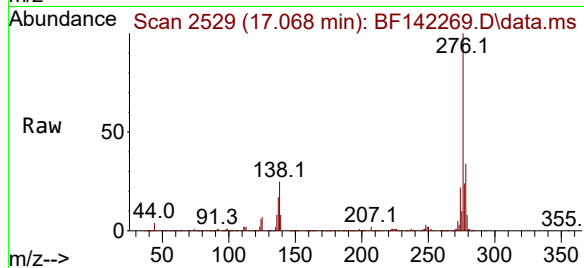
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#88

Benzo(b)fluoranthene

Concen: 49.565 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

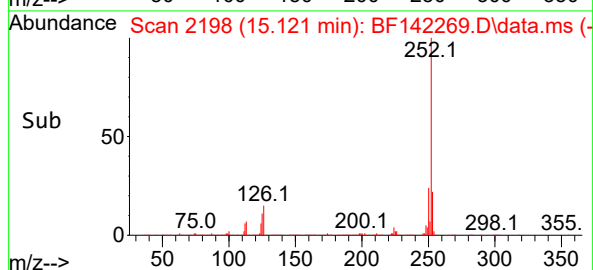
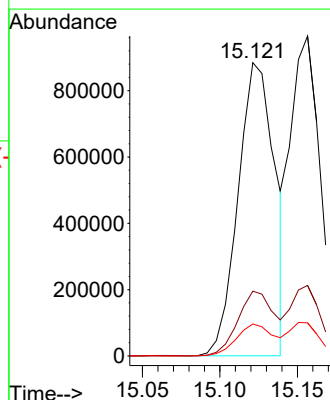
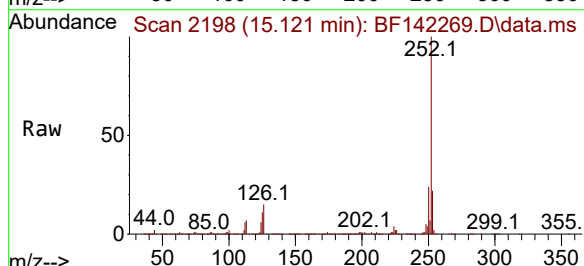
Tgt Ion:252 Resp: 1455180

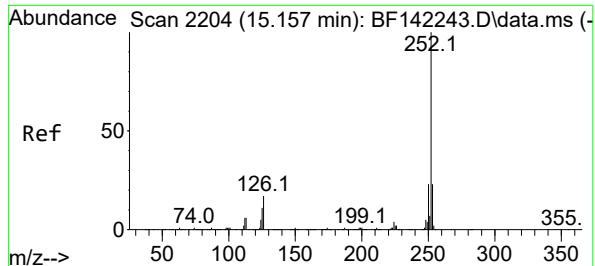
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.9 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 47.906 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MS

Tgt Ion:252 Resp: 128649

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.4 9.0 13.6

Manual Integrations

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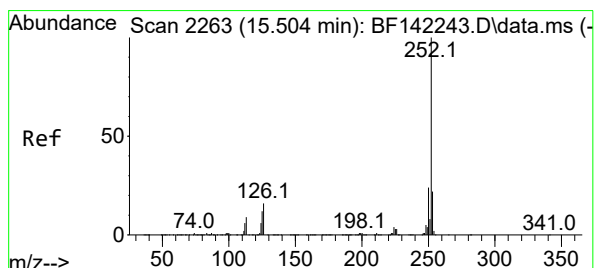
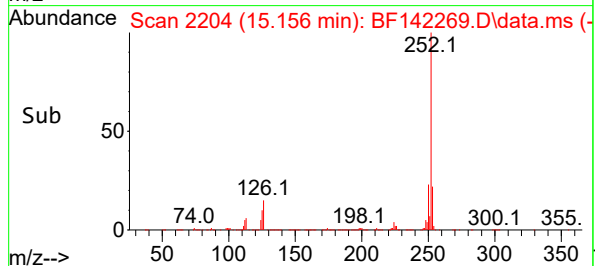
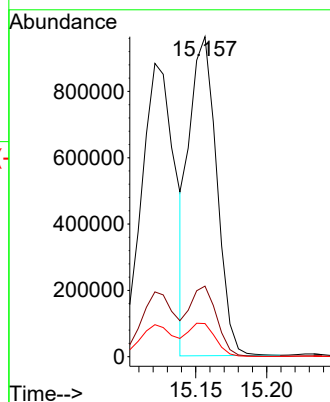
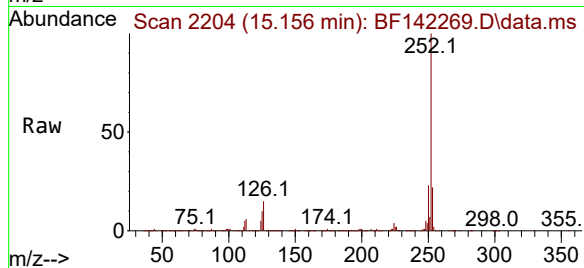
Chavli

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#90

Benzo(a)pyrene

Concen: 48.165 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142269.D

Acq: 01 May 2025 19:24

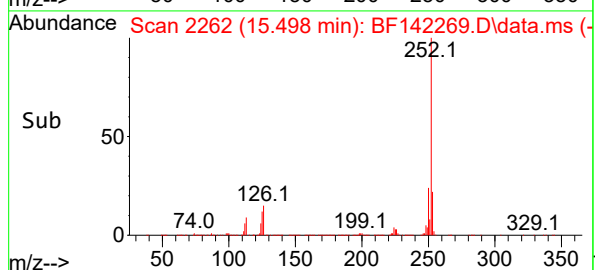
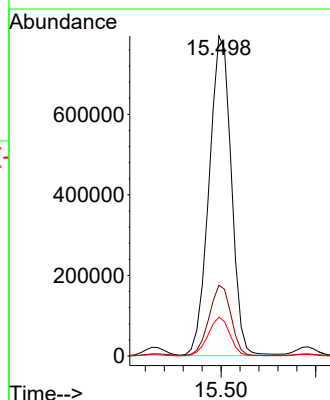
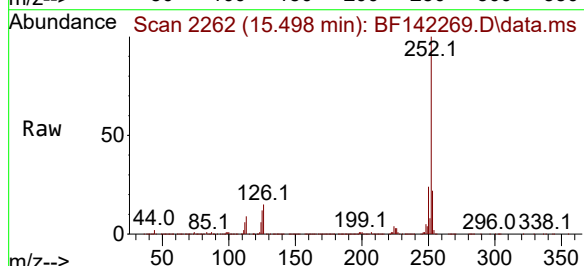
Tgt Ion:252 Resp: 1294646

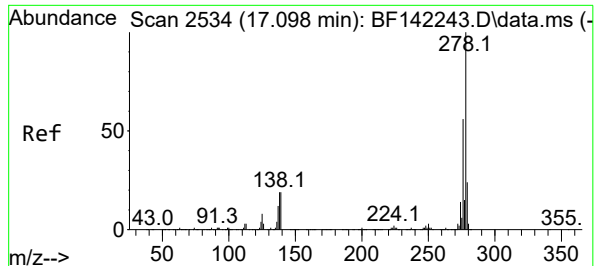
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

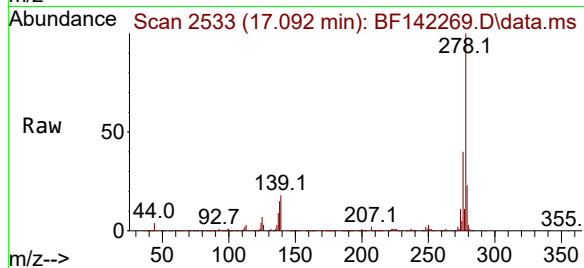
125 12.2 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 34.415 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MS



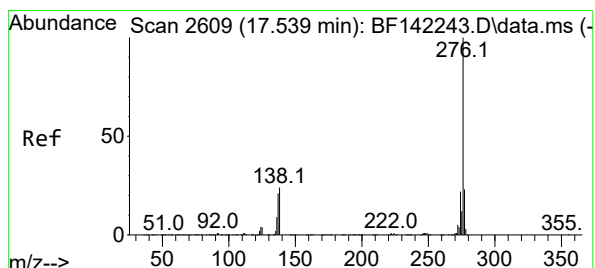
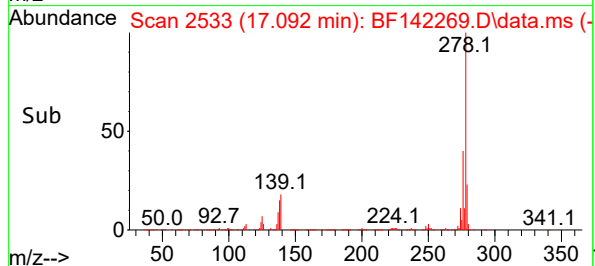
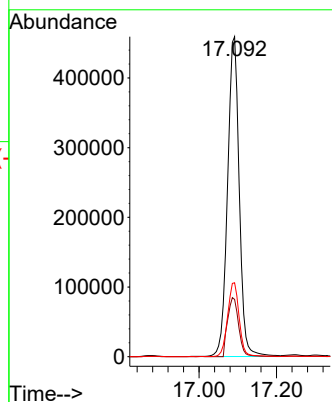
Tgt Ion:278 Resp: 967000
Ion Ratio Lower Upper
278 100
139 17.9 15.2 22.8
279 23.1 19.0 28.6

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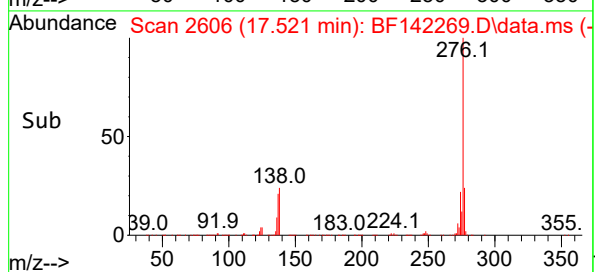
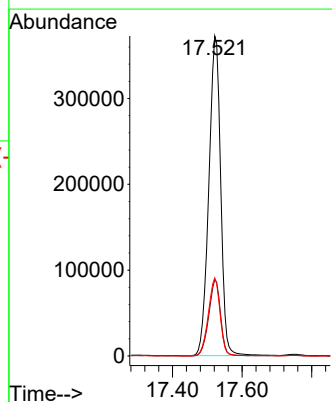
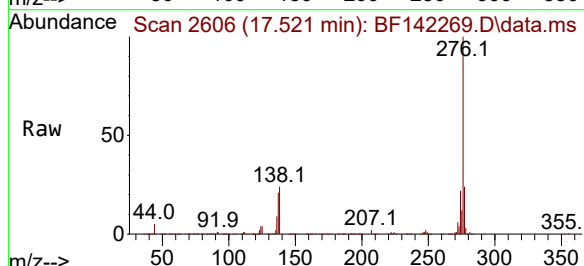
05/02/2025

Supervised By :Jagrut
Upadhyay
05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 31.198 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142269.D
Acq: 01 May 2025 19:24

Tgt Ion:276 Resp: 881265
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 24.4 19.4 29.0



Report of Analysis

Client:	Kleinfelder	Date Collected:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142270.D	1	04/29/25 09:30	05/01/25 19:52	PB167779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1700		27.4	210	ug/Kg
86-73-7	Fluorene	1700		30.6	210	ug/Kg
85-01-8	Phenanthrene	1900		25.3	210	ug/Kg
120-12-7	Anthracene	1800		40.2	210	ug/Kg
129-00-0	Pyrene	1400		43.5	210	ug/Kg
56-55-3	Benzo(a)anthracene	1800		27.8	210	ug/Kg
218-01-9	Chrysene	1800		24.0	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		23.0	210	ug/Kg
50-32-8	Benzo(a)pyrene	1900		35.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		35.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		31.1	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	66.9		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	61.8		20 - 109	62%	SPK: 100
1718-51-0	Terphenyl-d14	42.1		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	205000	6.91			
1146-65-2	Naphthalene-d8	762000	8.187			
15067-26-2	Acenaphthene-d10	352000	9.945			
1517-22-2	Phenanthrene-d10	496000	11.428			
1719-03-5	Chrysene-d12	430000	14.069			
1520-96-3	Perylene-d12	473000	15.557			

Report of Analysis

Client:	Kleinfelder	Date Collected:	04/26/25
Project:	Mitchell School	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1903
Lab Sample ID:	Q1901-02MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	82.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142270.D	1	04/29/25 09:30	05/01/25 19:52	PB167779

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\BF050125\
 Data File : BF142270.D
 Acq On : 01 May 2025 19:52
 Operator : RC/JU
 Sample : Q1901-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
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 Chavli

05/02/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: May 02 01:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	204570	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	762454	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	351872	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	496148	20.000	ng	0.00
76) Chrysene-d12	14.069	240	429879	20.000	ng	0.00
86) Perylene-d12	15.557	264	473333	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1098118	85.729	ng	0.00
7) Phenol-d6	6.528	99	1349184	87.225	ng	0.00
23) Nitrobenzene-d5	7.469	82	776525	66.910	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	286287	89.247	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1541618	61.773	ng	0.00
79) Terphenyl-d14	13.016	244	1244500	42.105	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	213600	37.338	ng	98
3) Pyridine	3.516	79	586468	39.445	ng	99
4) n-Nitrosodimethylamine	3.463	42	336346	43.715	ng	99
6) Aniline	6.569	93	640860	29.271	ng	99
8) 2-Chlorophenol	6.687	128	576726	43.572	ng	98
9) Benzaldehyde	6.457	77	286273	26.480	ng	99
10) Phenol	6.540	94	699472m	42.004	ng	
11) bis(2-Chloroethyl)ether	6.640	93	555314	43.034	ng	99
12) 1,3-Dichlorobenzene	6.851	146	628881	41.999	ng	99
13) 1,4-Dichlorobenzene	6.928	146	637600	42.264	ng	99
14) 1,2-Dichlorobenzene	7.075	146	614756	42.685	ng	99
15) Benzyl Alcohol	7.045	79	471490	42.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1026846	44.067	ng	99
17) 2-Methylphenol	7.151	107	446076	41.139	ng	99
18) Hexachloroethane	7.422	117	224222	45.411	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	396481	41.480	ng	98
20) 3+4-Methylphenols	7.304	107	559745	41.280	ng	# 90
22) Acetophenone	7.316	105	751886	42.626	ng	# 97
24) Nitrobenzene	7.487	77	567935	49.874	ng	100
25) Isophorone	7.728	82	1049987	43.109	ng	99
26) 2-Nitrophenol	7.804	139	270273	54.552	ng	98
27) 2,4-Dimethylphenol	7.834	122	530664	43.212	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	677074	44.077	ng	99
29) 2,4-Dichlorophenol	8.040	162	450996	43.927	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	505370	44.110	ng	100
31) Naphthalene	8.210	128	1631154	42.898	ng	100
32) Benzoic acid	7.934	122	285536	48.669	ng	99
33) 4-Chloroaniline	8.251	127	188949	11.933	ng	99
34) Hexachlorobutadiene	8.328	225	308153	46.100	ng	99
35) Caprolactam	8.616	113	124087m	40.210	ng	
36) 4-Chloro-3-methylphenol	8.728	107	428130	40.609	ng	98
37) 2-Methylnaphthalene	8.898	142	977255	41.802	ng	99
38) 1-Methylnaphthalene	8.998	142	999740	41.279	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	471907	47.654	ng	99
41) Hexachlorocyclopentadiene	9.057	237	554087	98.586	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	305921	49.853	ng	99

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 Data File : BF142270.D
 Acq On : 01 May 2025 19:52
 Operator : RC/JU
 Sample : Q1901-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD

Manual Integrations
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Reviewed By :Rahul
 Chavli

05/02/2025
 Supervised By :Jagrut
 Upadhyay

Quant Time: May 02 01:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	297440	46.102	ng	99
46) 1,1'-Biphenyl	9.363	154	1272788	46.529	ng	99
47) 2-Chloronaphthalene	9.392	162	925740	45.486	ng	99
48) 2-Nitroaniline	9.481	65	252309	47.110	ng	98
49) Acenaphthylene	9.804	152	1503902	43.790	ng	100
50) Dimethylphthalate	9.663	163	1015217	45.099	ng	100
51) 2,6-Dinitrotoluene	9.722	165	204319	47.378	ng	98
52) Acenaphthene	9.981	154	931022	46.429	ng	98
53) 3-Nitroaniline	9.886	138	121932	24.861	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	131189	84.371	ng	# 41
55) Dibenzofuran	10.151	168	1290218	42.922	ng	99
56) 4-Nitrophenol	10.039	139	316946	89.575	ng	99
57) 2,4-Dinitrotoluene	10.122	165	249724	47.801	ng	99
58) Fluorene	10.492	166	945333	41.360	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	232642	43.531	ng	99
60) Diethylphthalate	10.363	149	980867	44.125	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	467320	43.054	ng	97
62) 4-Nitroaniline	10.504	138	182663	38.819	ng	95
63) Azobenzene	10.645	77	1027831	46.824	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	85960	51.580	ng	96
66) n-Nitrosodiphenylamine	10.604	169	816949	48.191	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	278827	50.462	ng	99
68) Hexachlorobenzene	11.039	284	292279	47.230	ng	99
69) Atrazine	11.128	200	232637	52.062	ng	99
70) Pentachlorophenol	11.228	266	317591	97.144	ng	98
71) Phenanthrene	11.457	178	1239899	46.265	ng	100
72) Anthracene	11.504	178	1211937	44.230	ng	99
73) Carbazole	11.657	167	1076493	43.067	ng	99
74) Di-n-butylphthalate	11.992	149	1373313	54.629	ng	100
75) Fluoranthene	12.645	202	1282408	48.407	ng	99
77) Benzidine	12.763	184	472493	25.867	ng	99
78) Pyrene	12.869	202	1332351	33.599	ng	99
80) Butylbenzylphthalate	13.492	149	544307	50.031	ng	99
81) Benzo(a)anthracene	14.063	228	1310994	45.428	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	285891	33.727	ng	99
83) Chrysene	14.098	228	1182323	45.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	774590	51.320	ng	100
85) Di-n-octyl phthalate	14.669	149	1467740	52.643	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1135807	32.760	ng	99
88) Benzo(b)fluoranthene	15.121	252	1429910	48.634	ng	100
89) Benzo(k)fluoranthene	15.157	252	1218152	45.297	ng	99
90) Benzo(a)pyrene	15.498	252	1262185	46.890	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	932712	33.147	ng	99
92) Benzo(g,h,i)perylene	17.521	276	856464	30.277	ng	100

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

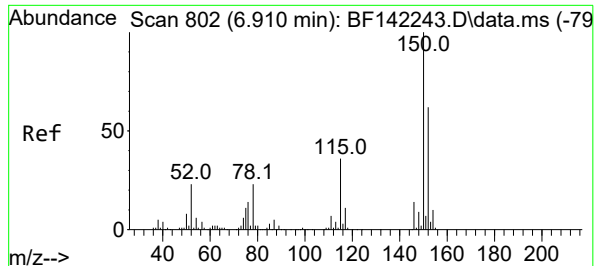
Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD

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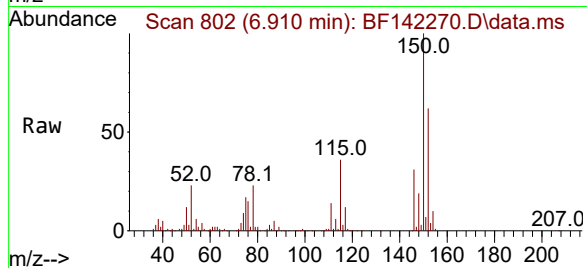
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



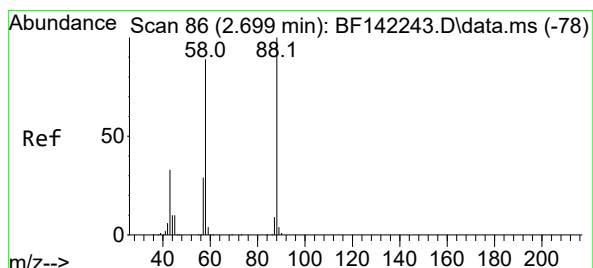
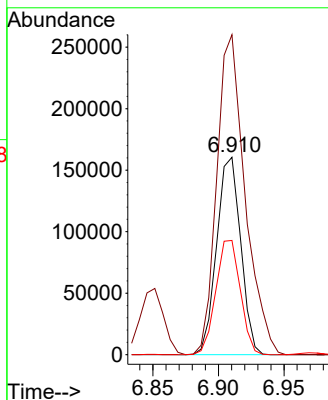
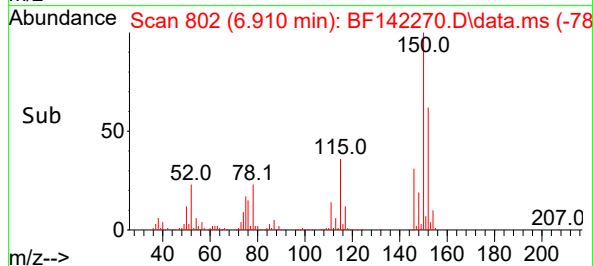
Tgt Ion:152 Resp: 204570
Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.2
115 57.9 47.0 70.4

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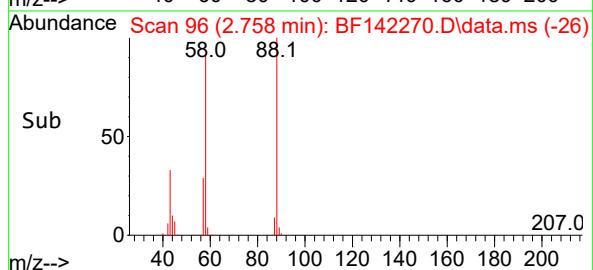
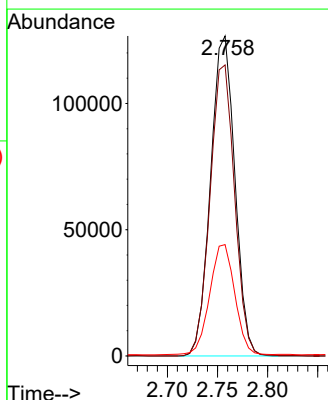
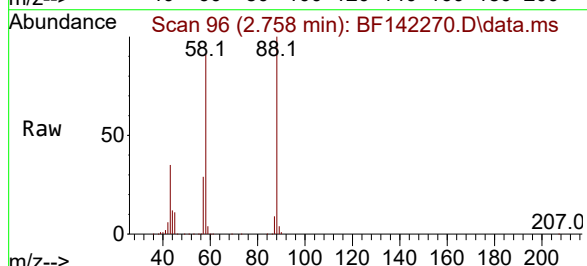
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Upadhyay

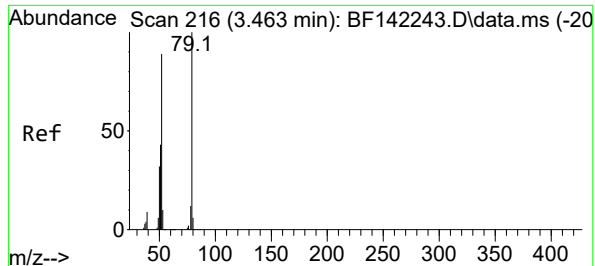
05/02/2025



#2
1,4-Dioxane
Concen: 37.338 ng
RT: 2.758 min Scan# 96
Delta R.T. 0.059 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

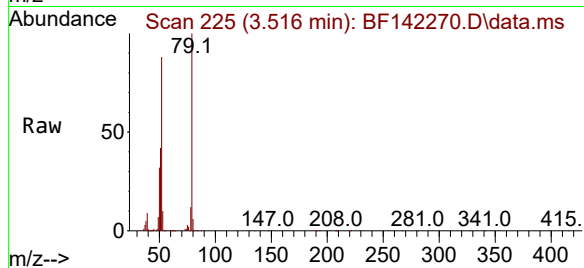
Tgt Ion: 88 Resp: 213600
Ion Ratio Lower Upper
88 100
58 92.2 72.2 108.2
43 35.6 27.0 40.6





#3
Pyridine
Concen: 39.445 ng
RT: 3.516 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



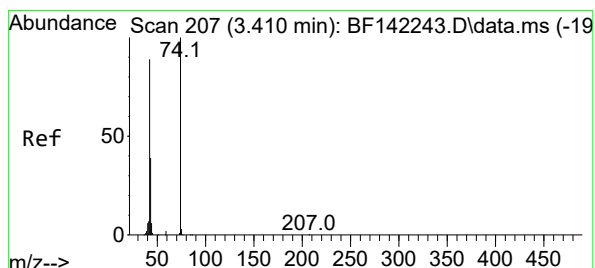
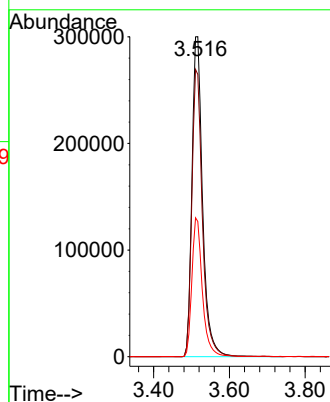
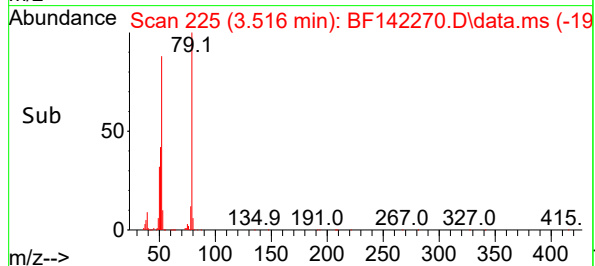
Tgt Ion: 79 Resp: 586468
Ion Ratio Lower Upper
79 100
52 88.2 71.5 107.3
51 42.3 34.5 51.7

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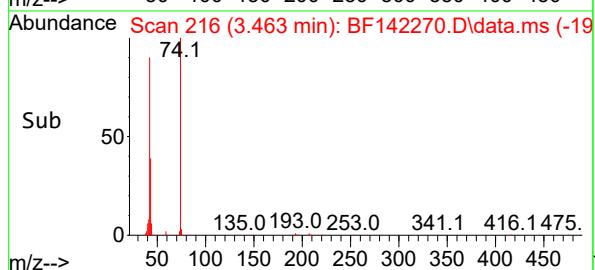
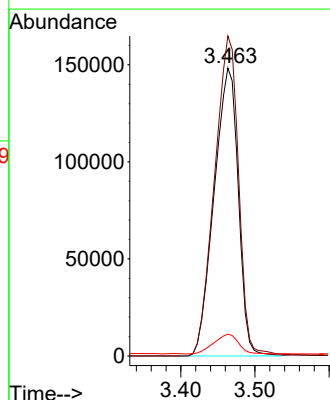
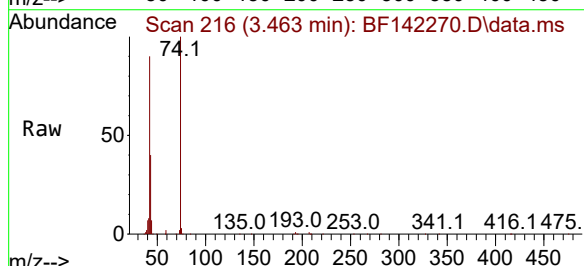
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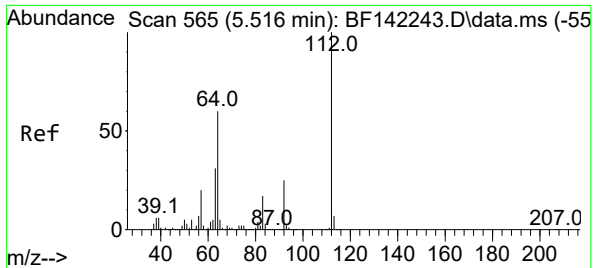
05/02/2025



#4
n-Nitrosodimethylamine
Concen: 43.715 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

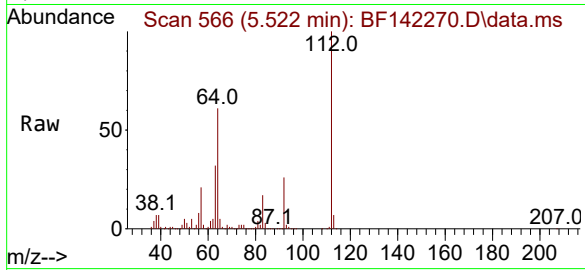
Tgt Ion: 42 Resp: 336346
Ion Ratio Lower Upper
42 100
74 111.1 89.5 134.3
44 7.6 6.6 9.8





#5
2-Fluorophenol
Concen: 85.729 ng
RT: 5.522 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



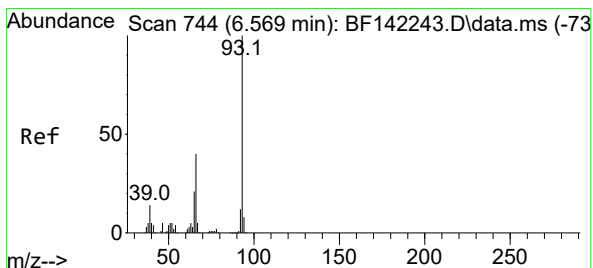
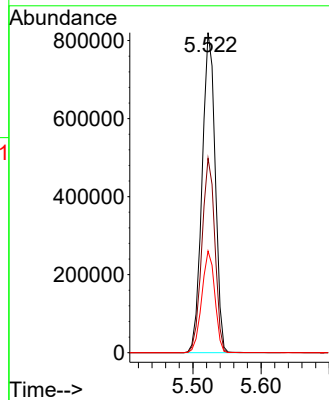
Tgt Ion: 112 Resp: 1098118
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.7 24.8 37.2

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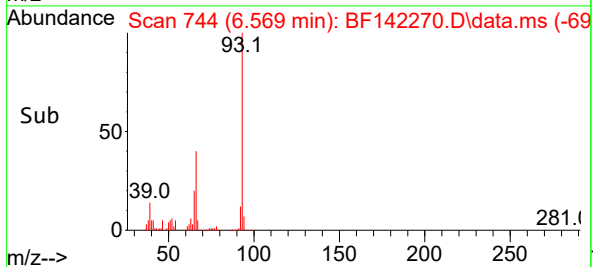
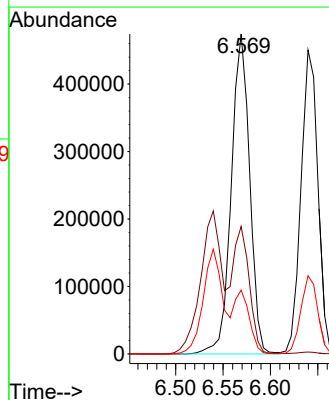
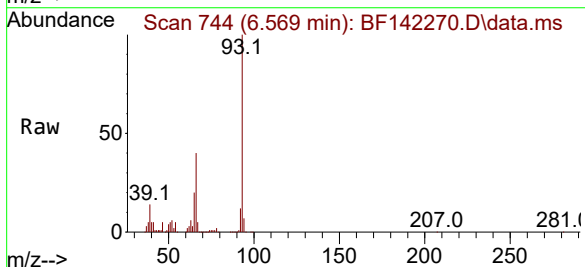
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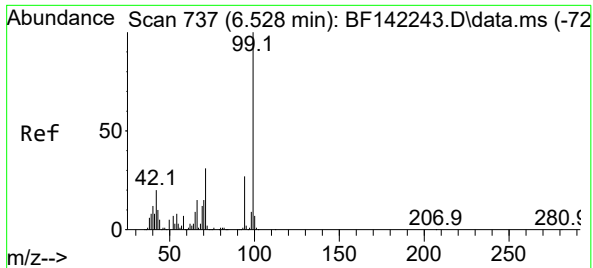
05/02/2025



#6
Aniline
Concen: 29.271 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

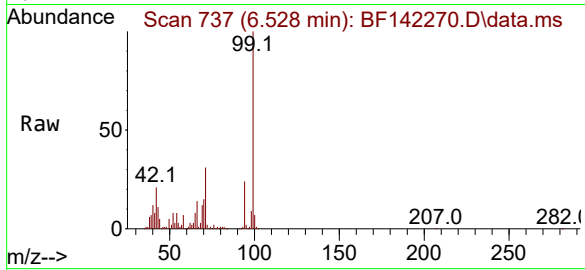
Tgt Ion: 93 Resp: 640860
Ion Ratio Lower Upper
93 100
66 39.9 32.1 48.1
65 20.0 16.6 24.8





#7
Phenol-d6
Concen: 87.225 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



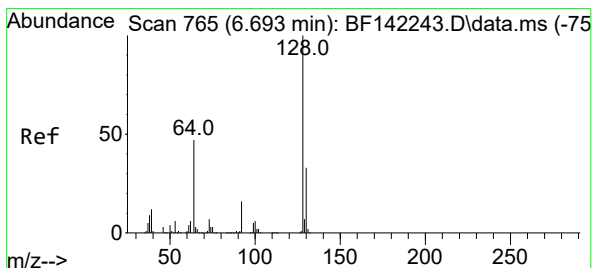
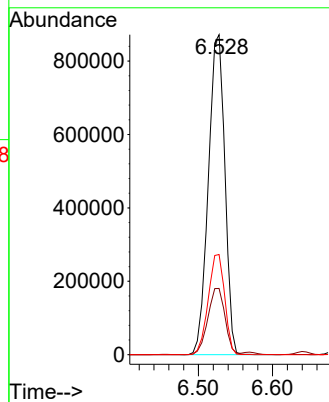
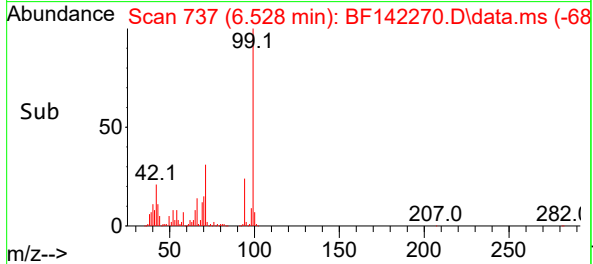
Tgt Ion: 99 Resp: 1349184
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 31.3 25.0 37.4

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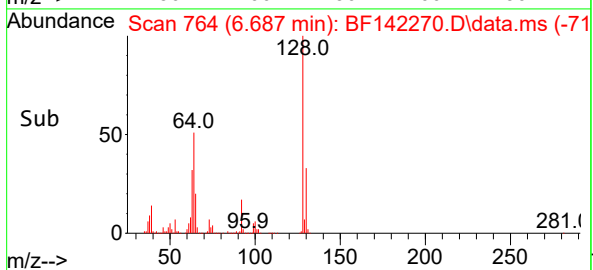
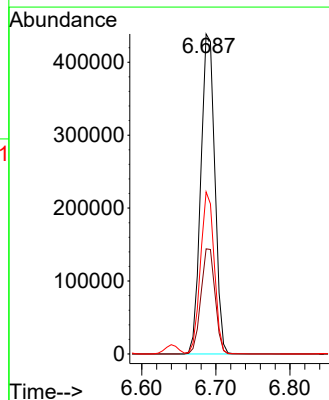
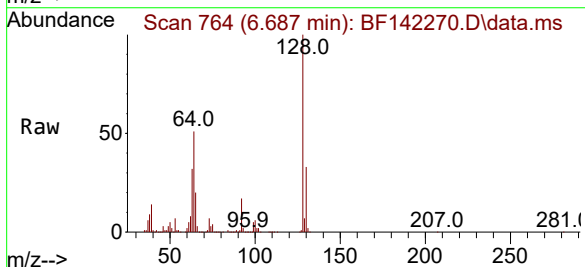
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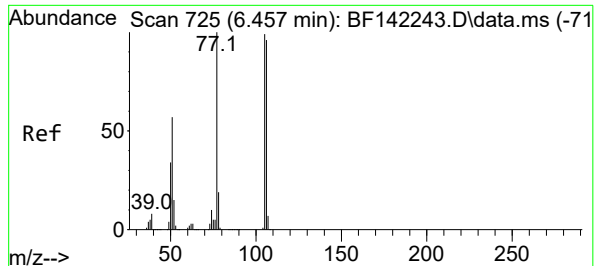
05/02/2025



#8
2-Chlorophenol
Concen: 43.572 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

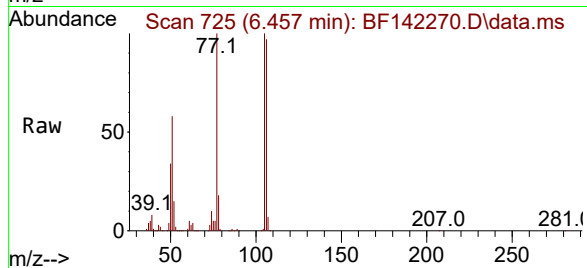
Tgt Ion:128 Resp: 576726
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 50.7 28.6 68.6





#9
Benzaldehyde
Concen: 26.480 ng
RT: 6.457 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



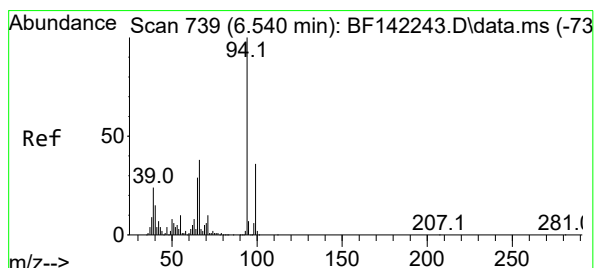
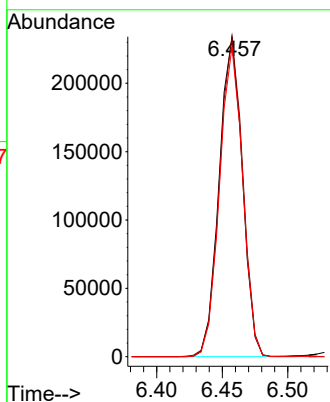
Tgt Ion: 77 Resp: 28627
Ion Ratio Lower Upper
77 100
105 100.2 79.1 119.1
106 96.9 76.0 116.0

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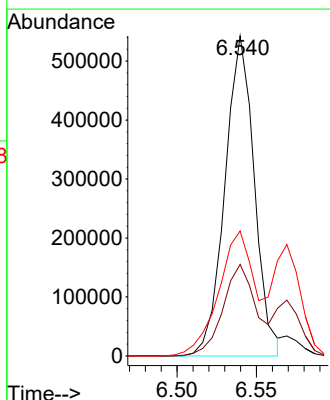
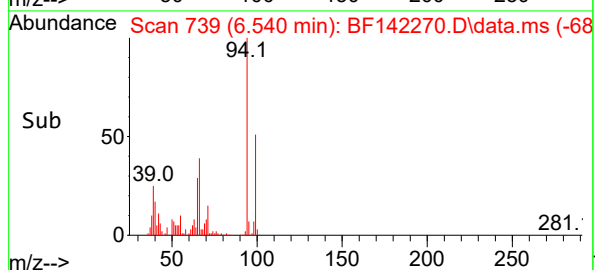
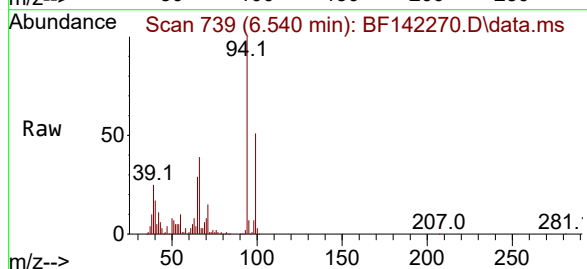
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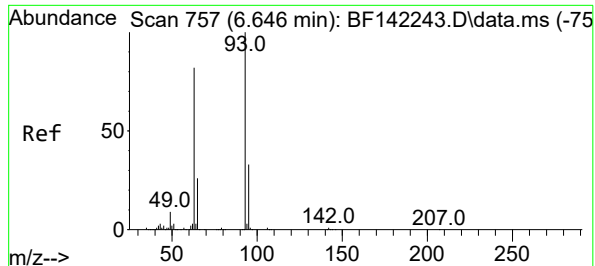
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#10
Phenol
Concen: 42.004 ng m
RT: 6.540 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

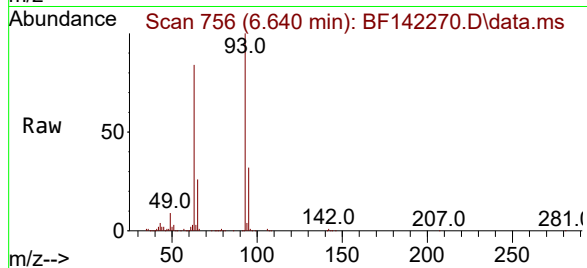
Tgt Ion: 94 Resp: 699472
Ion Ratio Lower Upper
94 100
65 28.6 8.9 48.9
66 39.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 43.034 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



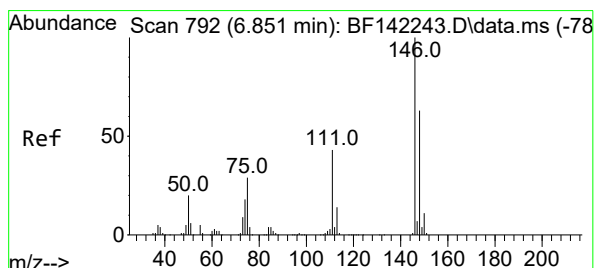
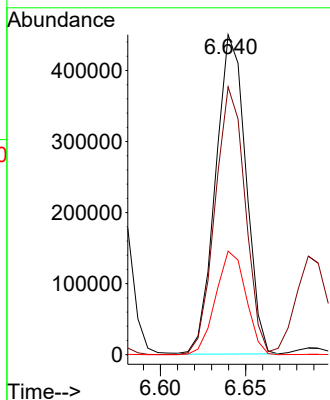
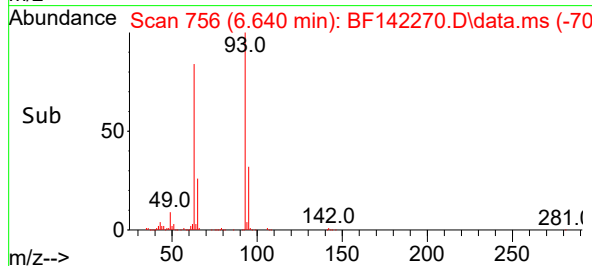
Tgt Ion: 93 Resp: 555314
Ion Ratio Lower Upper
93 100
63 83.7 62.2 102.2
95 32.3 12.7 52.7

Manual Integrations
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Reviewed By :Rahul
Chavli

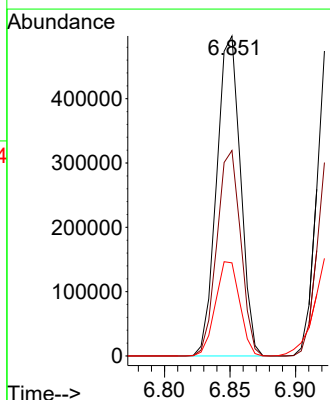
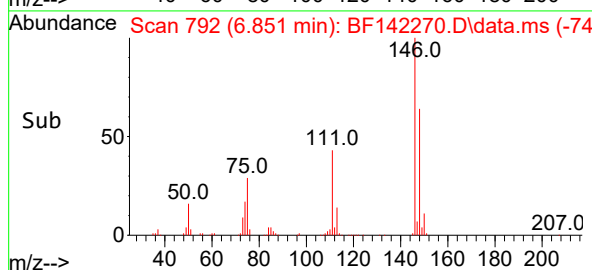
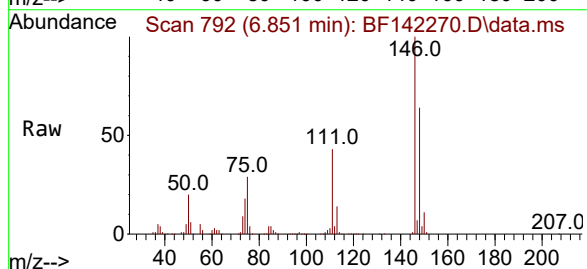
05/02/2025
Supervised By :Jagrut
Upadhyay

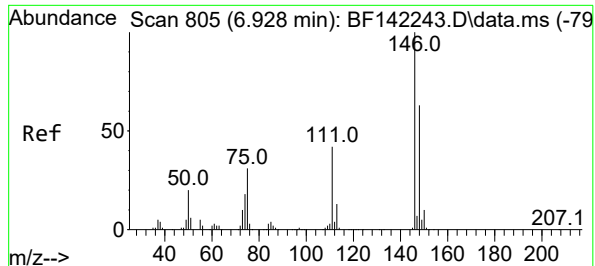
05/02/2025



#12
1,3-Dichlorobenzene
Concen: 41.999 ng
RT: 6.851 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:146 Resp: 628881
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
75 29.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 42.264 ng

RT: 6.928 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF142270.D

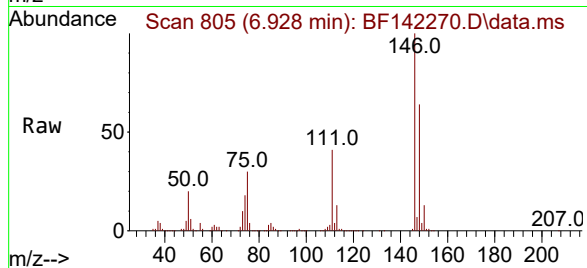
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:146 Resp: 637600

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

111 41.3 33.4 50.0

Manual Integrations

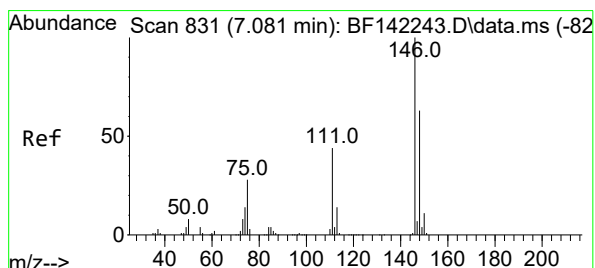
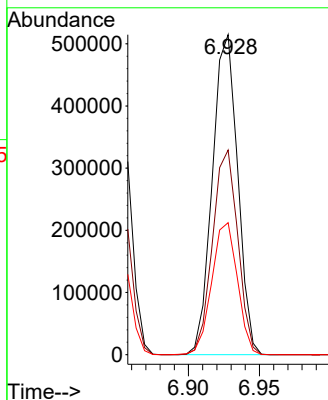
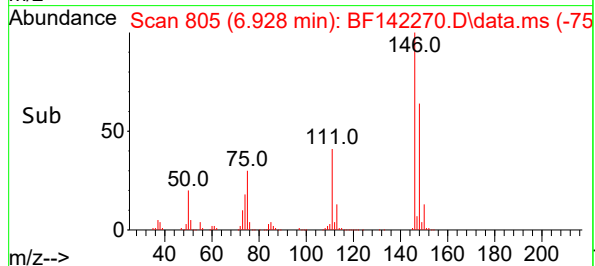
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#14

1,2-Dichlorobenzene

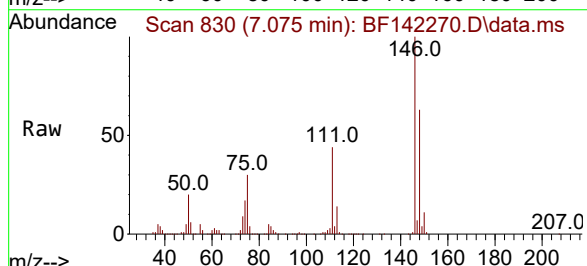
Concen: 42.685 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52



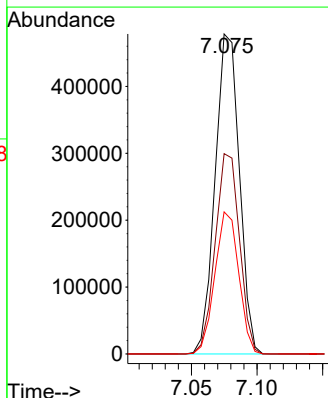
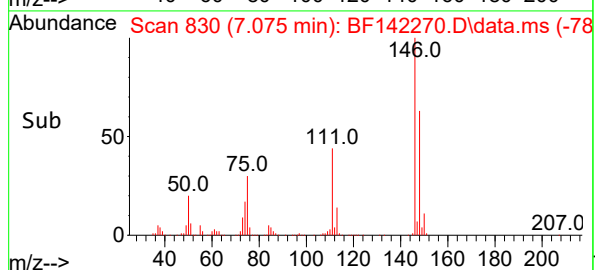
Tgt Ion:146 Resp: 614756

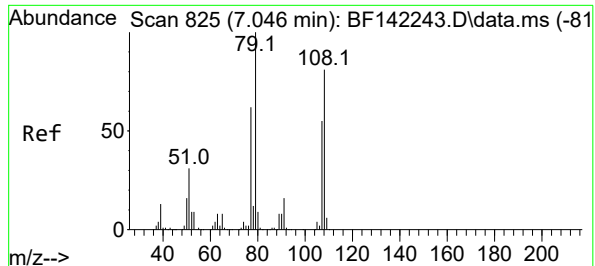
Ion Ratio Lower Upper

146 100

148 62.6 50.5 75.7

111 44.4 34.9 52.3





#15

Benzyl Alcohol

Concen: 42.978 ng

RT: 7.045 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 79 Resp: 471490

Ion Ratio Lower Upper

79 100

108 80.9 64.5 96.7

77 62.0 49.2 73.8

Manual Integrations

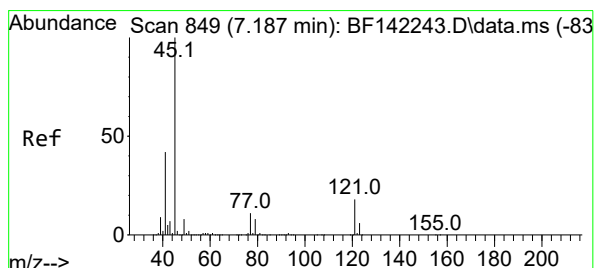
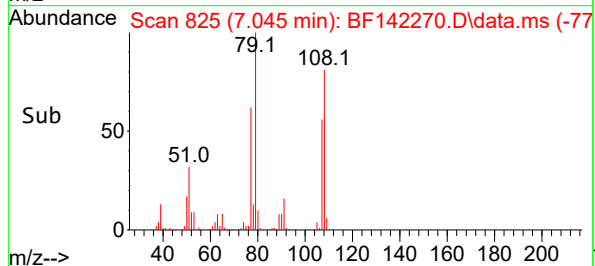
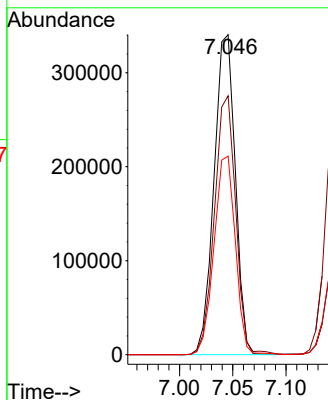
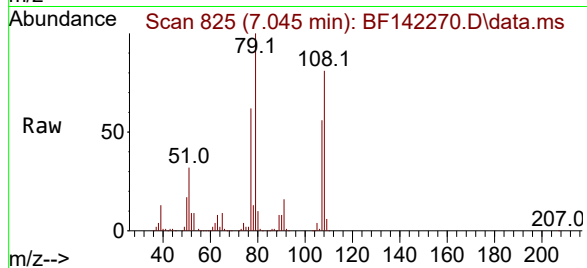
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.067 ng

RT: 7.181 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

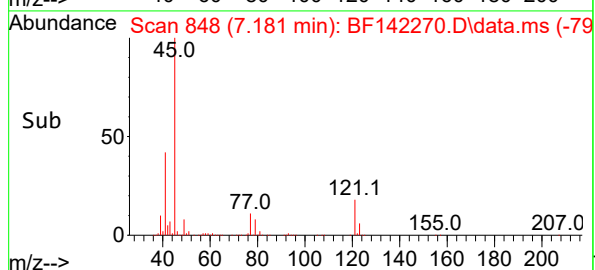
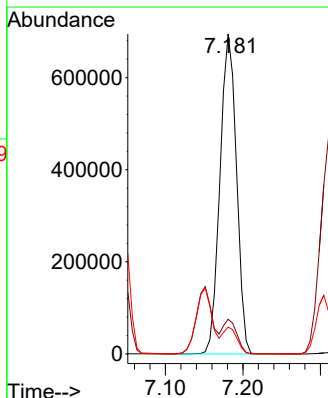
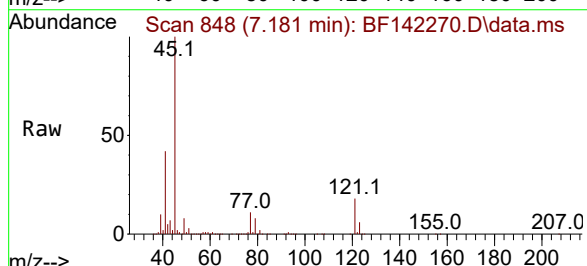
Tgt Ion: 45 Resp: 1026846

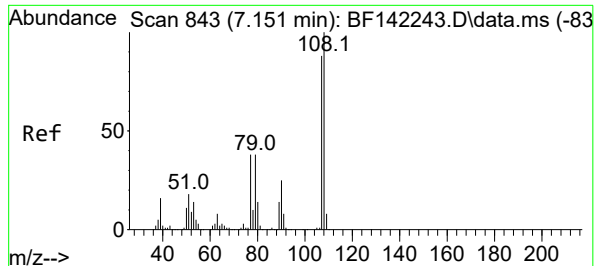
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.3

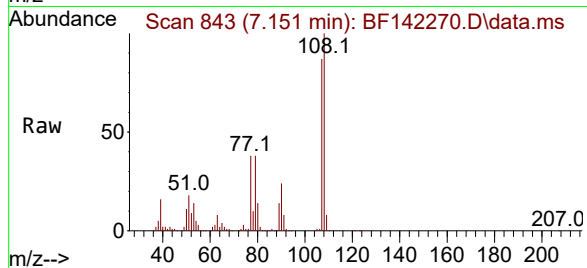
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 41.139 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



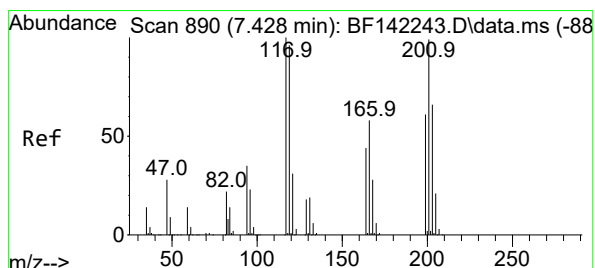
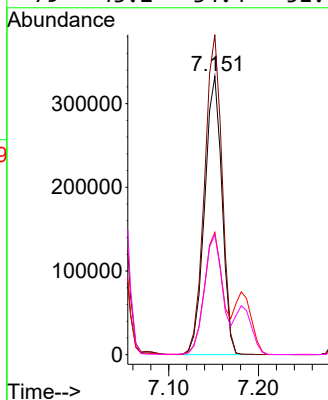
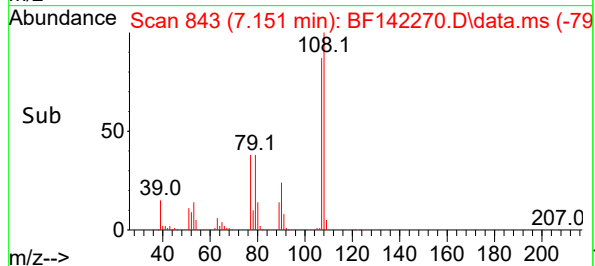
Tgt Ion:107 Resp: 446070
Ion Ratio Lower Upper
107 100
108 114.9 91.0 136.4
77 44.0 34.4 51.6
79 43.2 34.4 51.6

Manual Integrations
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Reviewed By :Rahul
Chavli

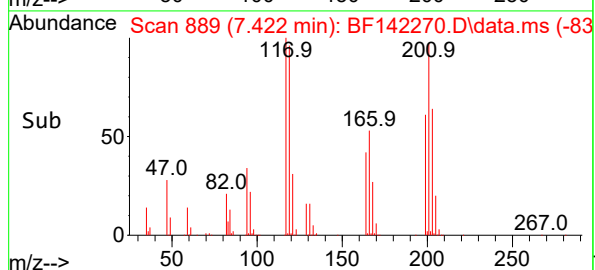
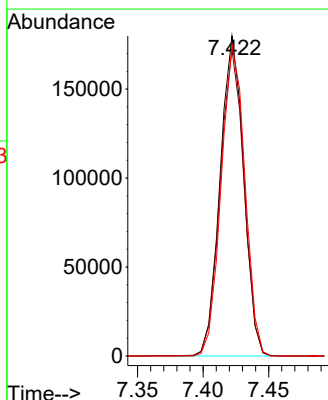
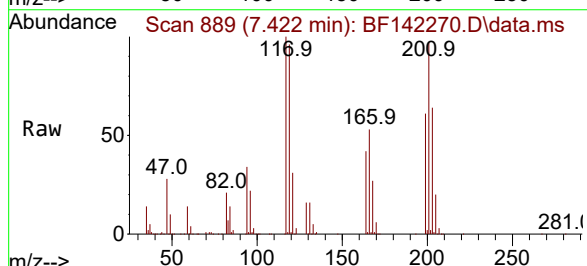
05/02/2025
Supervised By :Jagrut
Upadhyay

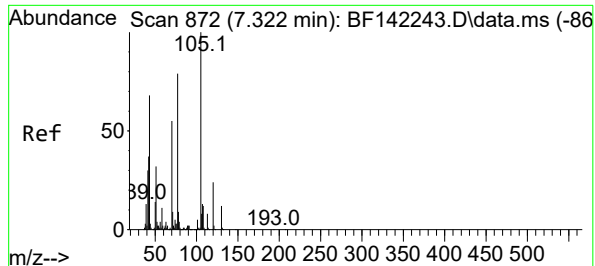
05/02/2025



#18
Hexachloroethane
Concen: 45.411 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:117 Resp: 224222
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
201 97.3 79.4 119.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.480 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion: 70 Resp: 39648

Ion Ratio Lower Upper

70 100

42 68.4 53.4 80.2

101 9.6 7.7 11.5

130 22.1 17.2 25.8

Manual Integrations

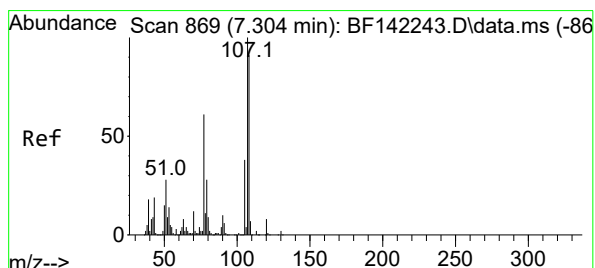
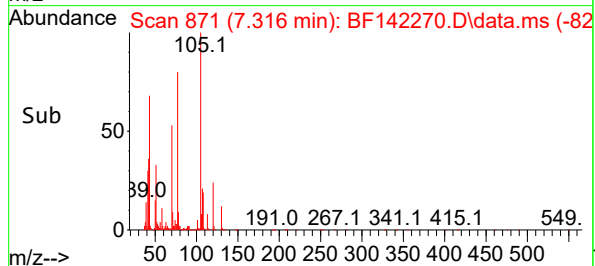
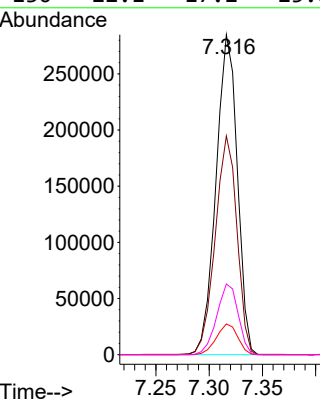
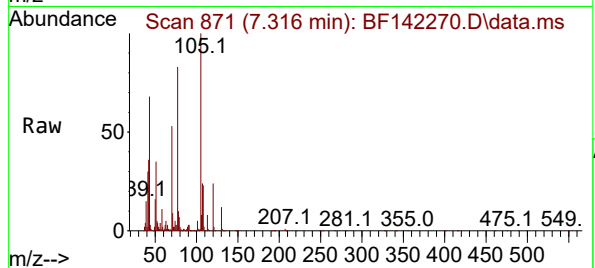
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#20

3+4-Methylphenols

Concen: 41.280 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:107 Resp: 559745

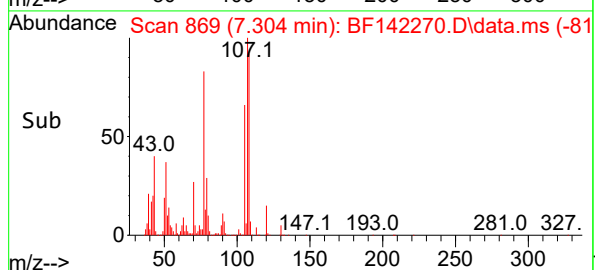
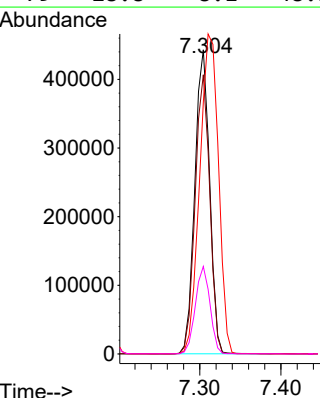
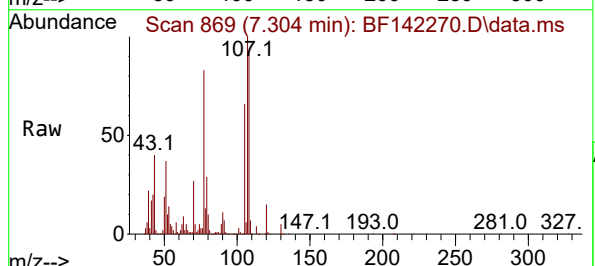
Ion Ratio Lower Upper

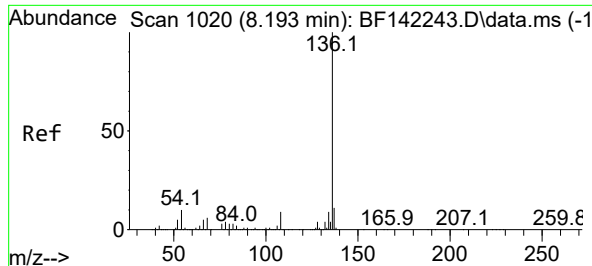
107 100

108 91.8 71.2 111.2

77 82.8 41.1 81.1#

79 28.8 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF142270.D

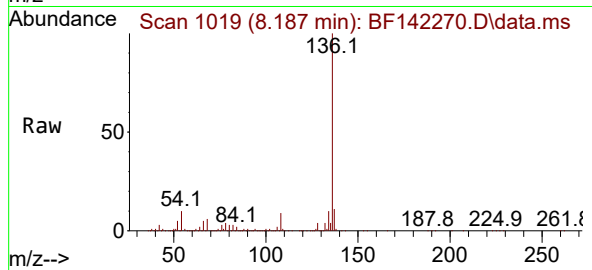
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:136 Resp: 762454

Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 7.7 11.5

68 6.3 5.0 7.6

Manual Integrations

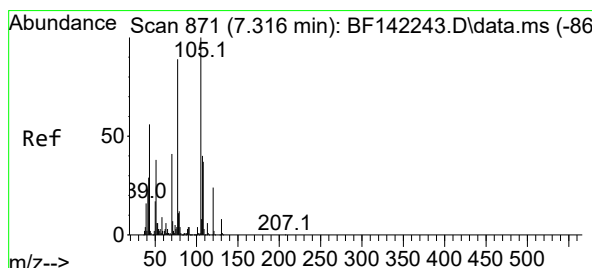
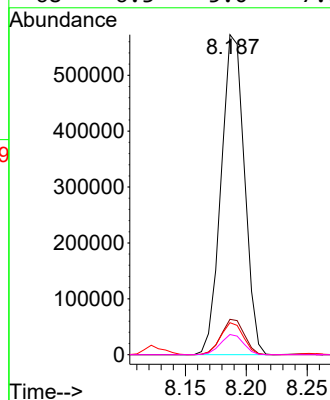
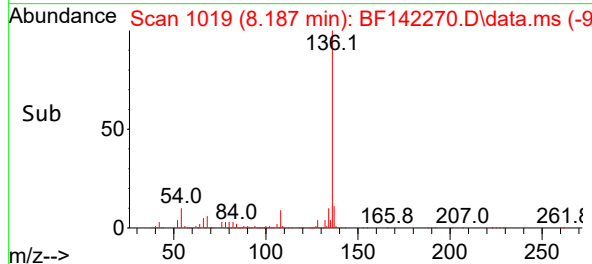
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Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#22

Acetophenone

Concen: 42.626 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:105 Resp: 751886

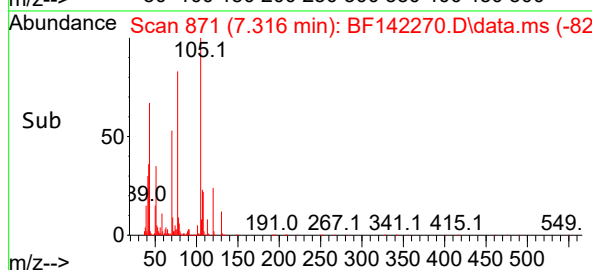
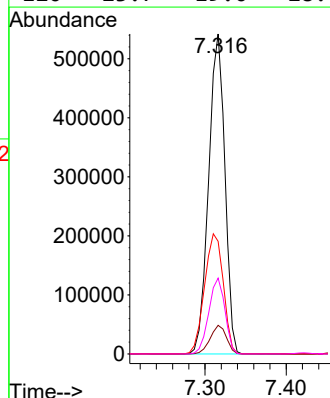
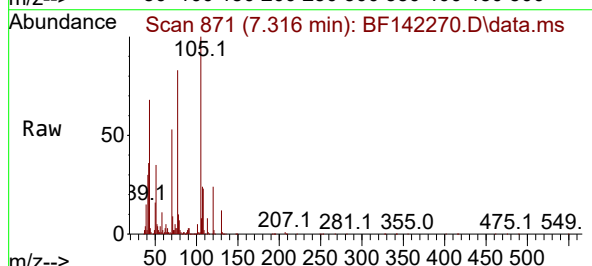
Ion Ratio Lower Upper

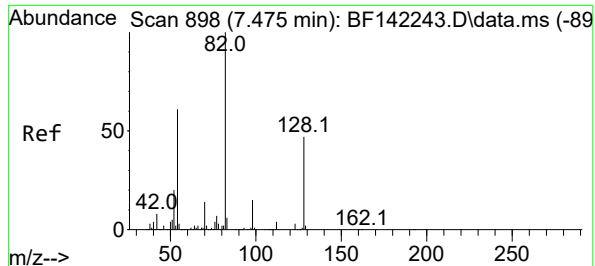
105 100

71 8.9 5.7 8.5#

51 35.2 30.1 45.1

120 23.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 66.910 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142270.D

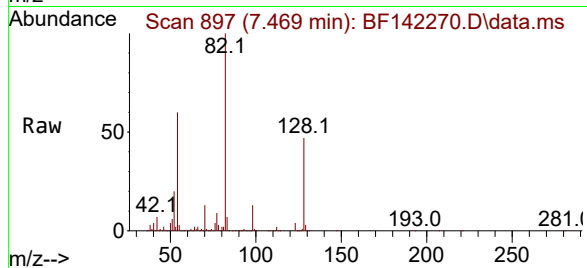
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



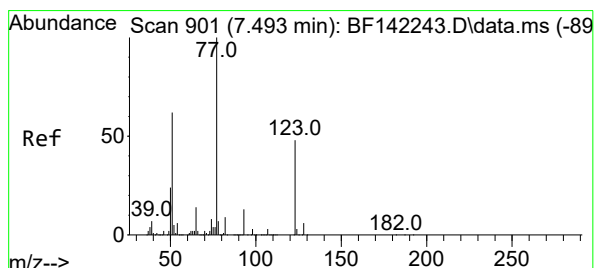
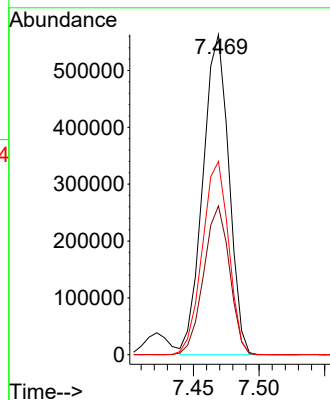
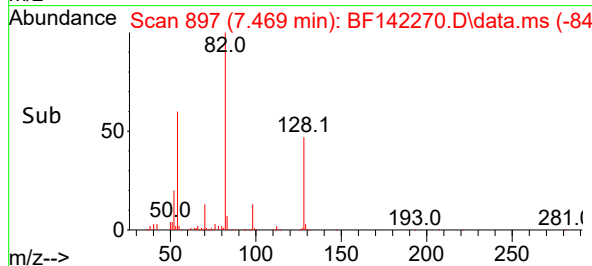
Tgt Ion:	82	Resp:	776525
Ion Ratio	100	Lower	Upper
128	46.5	37.0	55.6
54	60.4	48.0	72.0

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#24

Nitrobenzene

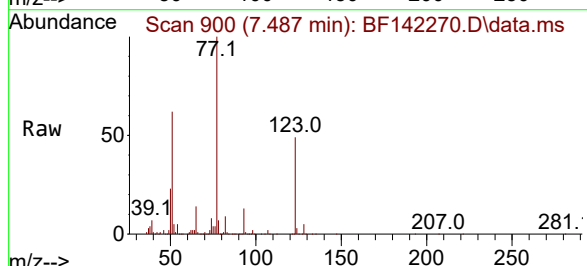
Concen: 49.874 ng

RT: 7.487 min Scan# 900

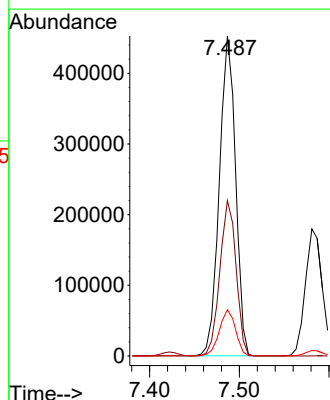
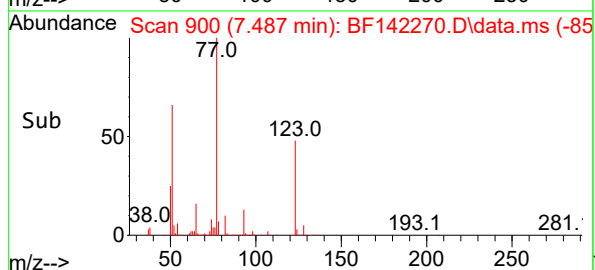
Delta R.T. -0.006 min

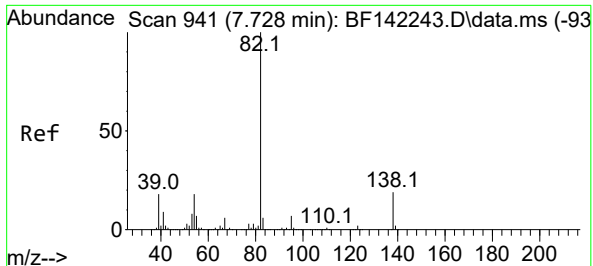
Lab File: BF142270.D

Acq: 01 May 2025 19:52



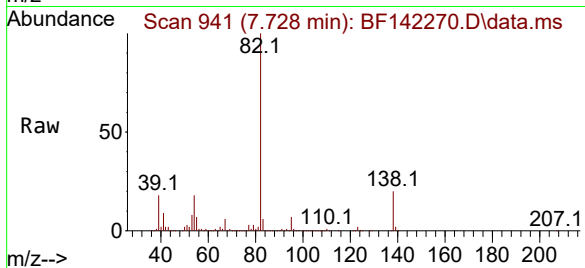
Tgt Ion:	77	Resp:	567935
Ion Ratio	100	Lower	Upper
123	48.6	38.6	58.0
65	14.5	11.5	17.3





#25
Isophorone
Concen: 43.109 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



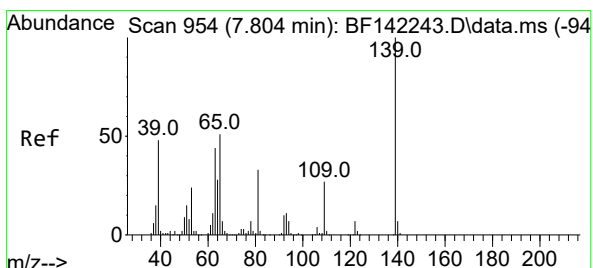
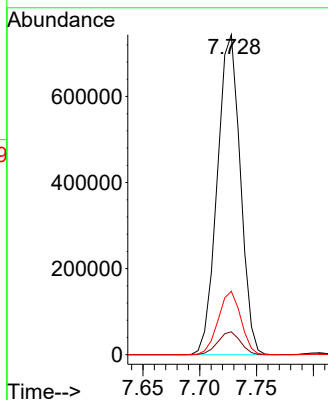
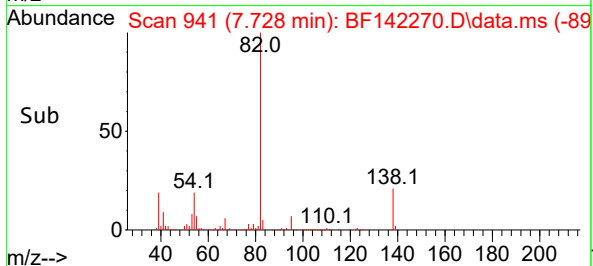
Tgt Ion: 82 Resp: 104998
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.8 15.3 22.9

Manual Integrations
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Reviewed By :Rahul
Chavli

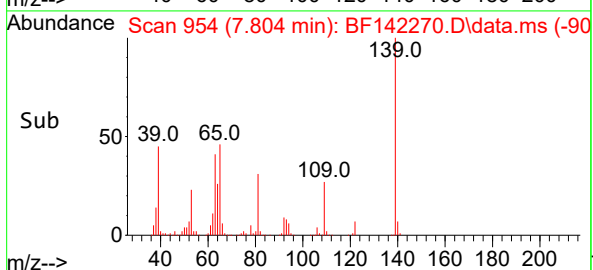
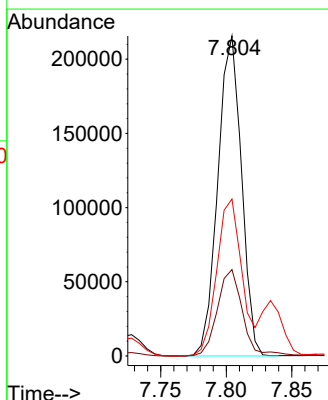
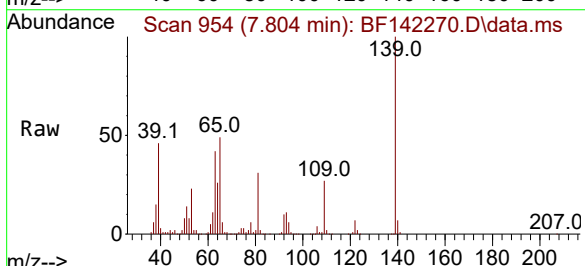
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Supervised By :Jagrut
Upadhyay

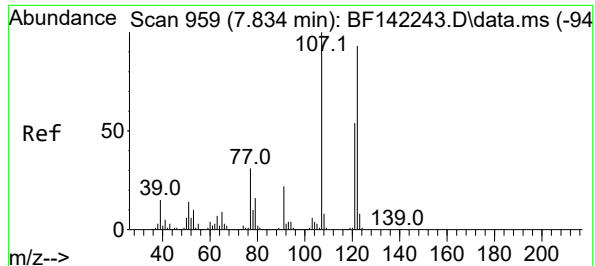
05/02/2025



#26
2-Nitrophenol
Concen: 54.552 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:139 Resp: 270273
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.8
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 43.212 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142270.D

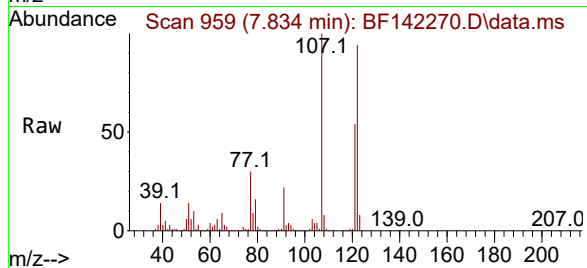
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:122 Resp: 530664

Ion Ratio Lower Upper

122 100

107 106.3 86.0 129.0

121 57.4 46.3 69.5

Manual Integrations

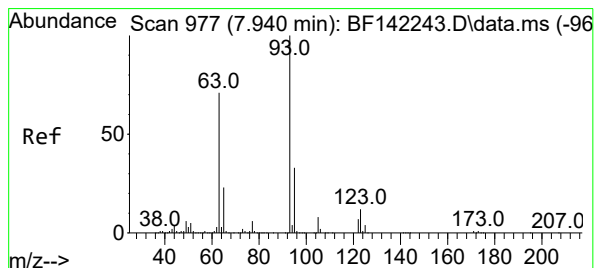
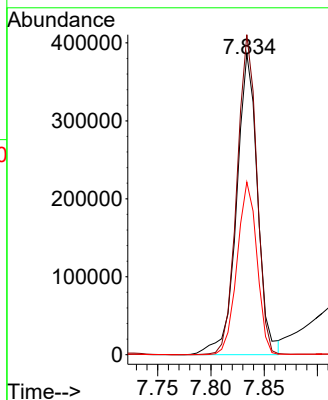
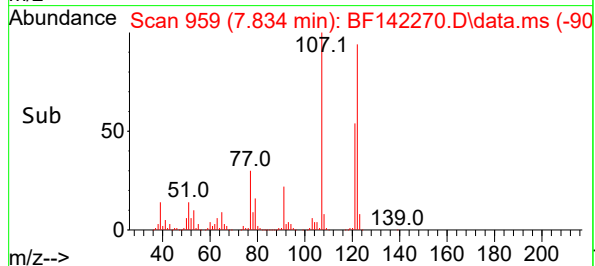
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#28

bis(2-Chloroethoxy)methane

Concen: 44.077 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

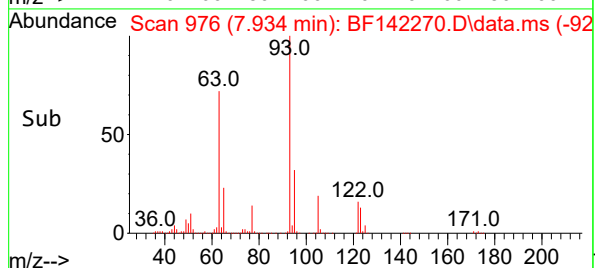
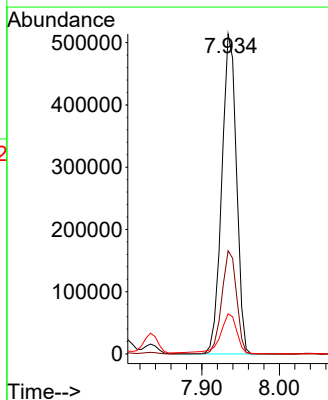
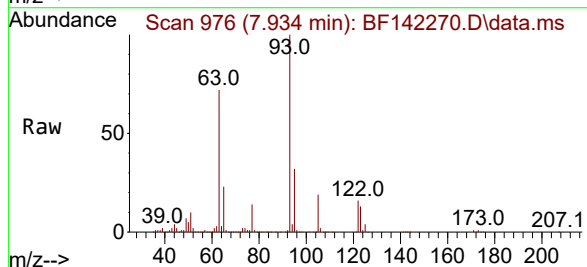
Tgt Ion: 93 Resp: 677074

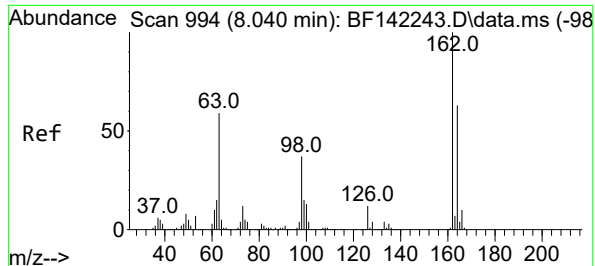
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.927 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:162 Resp: 450990

Ion Ratio Lower Upper

162 100

164 64.6 43.0 83.0

98 36.7 16.7 56.7

Manual Integrations

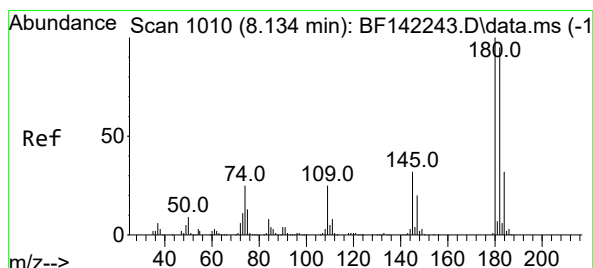
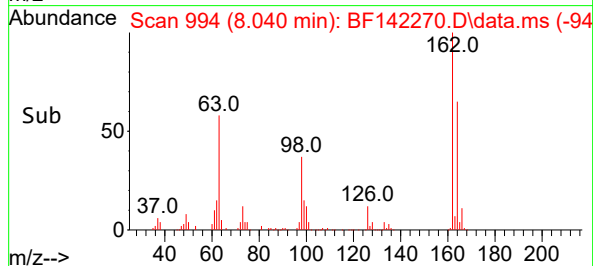
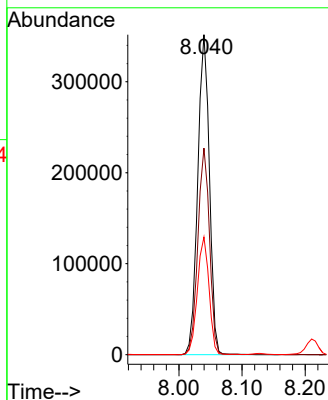
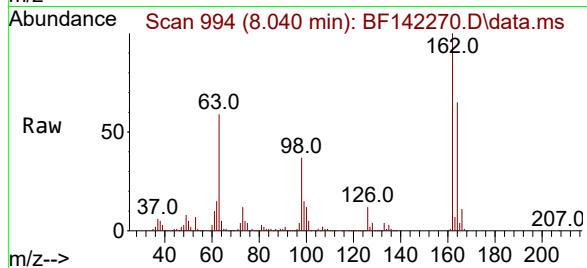
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.110 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

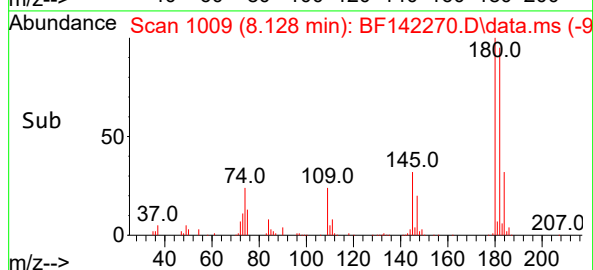
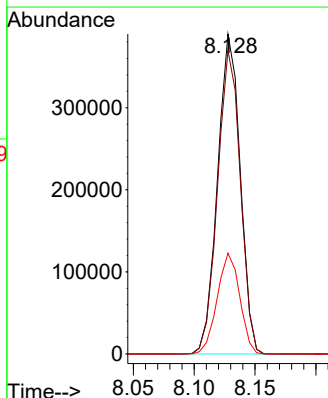
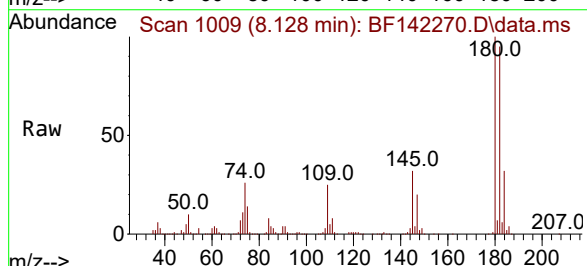
Tgt Ion:180 Resp: 505370

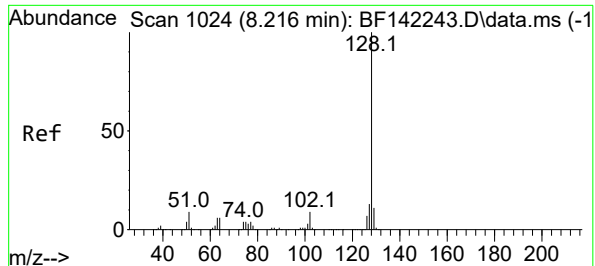
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

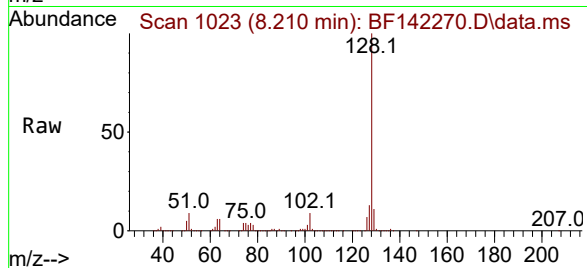
145 31.5 25.4 38.0





#31
Naphthalene
Concen: 42.898 ng
RT: 8.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



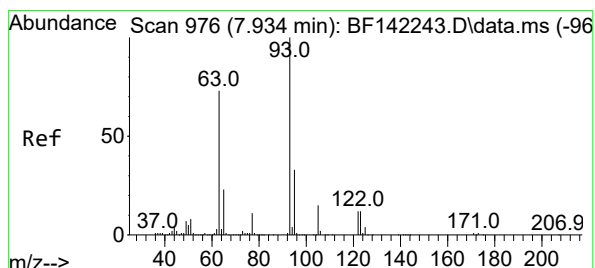
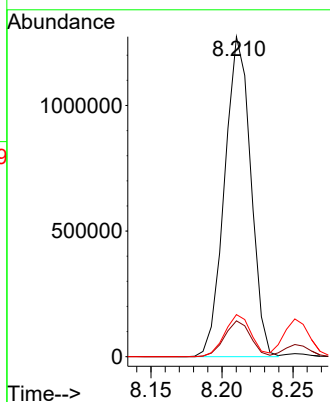
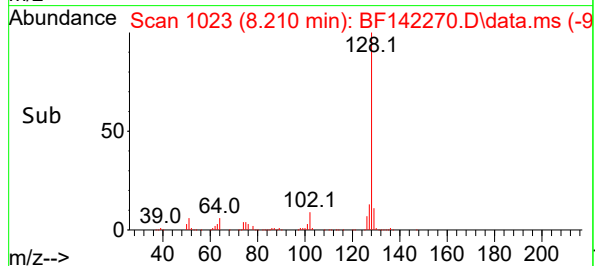
Tgt Ion:128 Resp: 1631154
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8

Manual Integrations
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Reviewed By :Rahul
Chavli

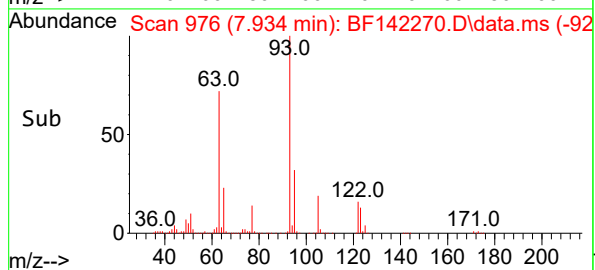
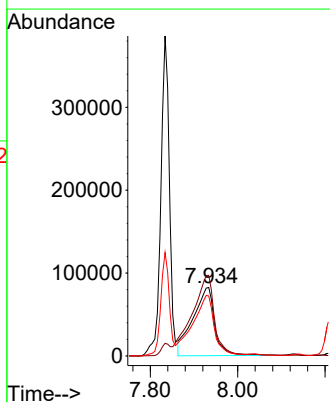
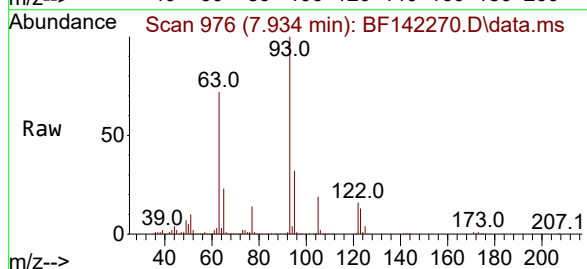
05/02/2025
Supervised By :Jagrut
Upadhyay

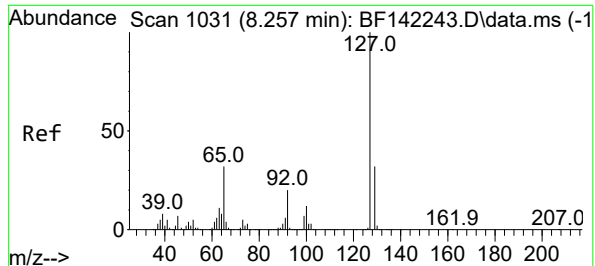
05/02/2025



#32
Benzoic acid
Concen: 48.669 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

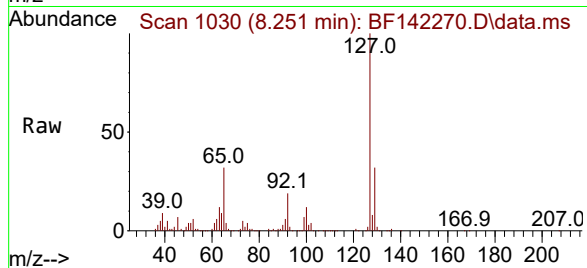
Tgt Ion:122 Resp: 285536
Ion Ratio Lower Upper
122 100
105 117.7 98.2 138.2
77 87.6 66.8 106.8





#33
4-Chloroaniline
Concen: 11.933 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



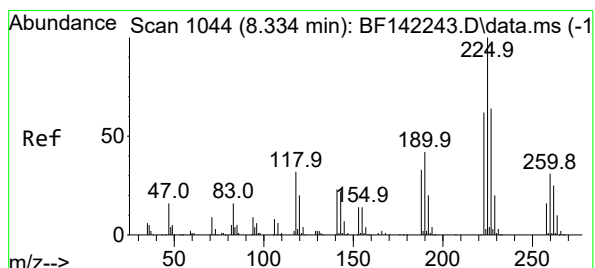
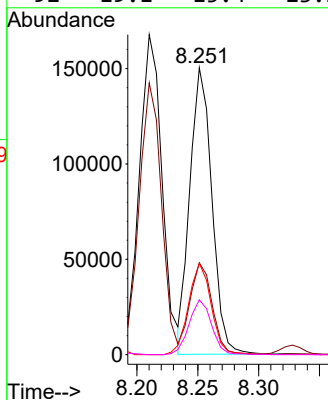
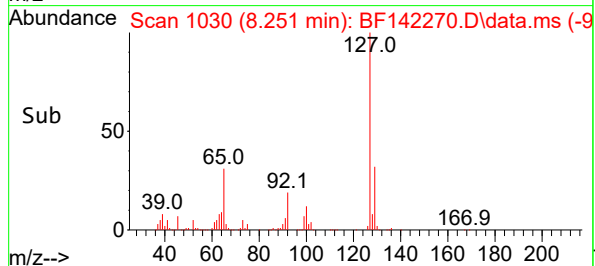
Tgt Ion:127 Resp: 188949
Ion Ratio Lower Upper
127 100
129 32.0 26.1 39.1
65 31.9 25.5 38.3
92 19.1 15.4 23.2

Manual Integrations
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Reviewed By :Rahul
Chavli

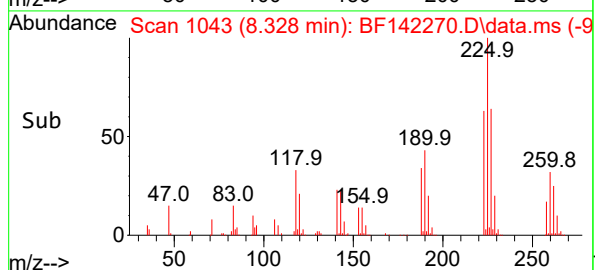
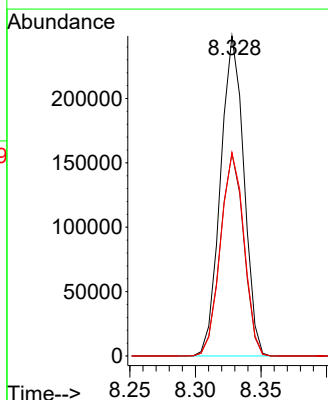
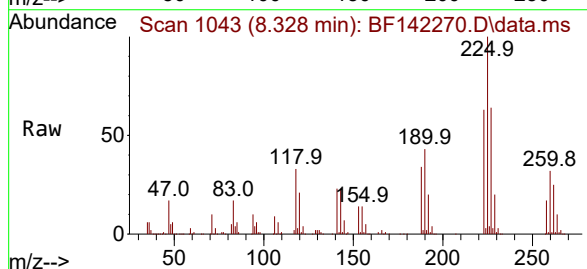
05/02/2025
Supervised By :Jagrut
Upadhyay

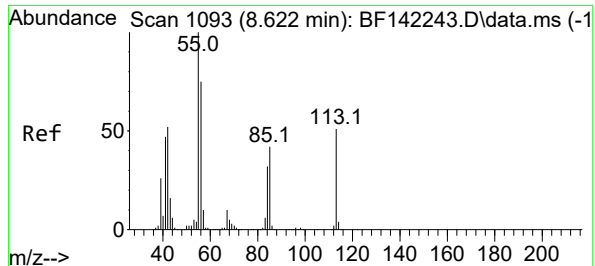
05/02/2025



#34
Hexachlorobutadiene
Concen: 46.100 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:225 Resp: 308153
Ion Ratio Lower Upper
225 100
223 63.3 49.7 74.5
227 63.6 51.0 76.4





#35

Caprolactam

Concen: 40.210 ng m

RT: 8.616 min Scan# 1092

Delta R.T. -0.006 min

Lab File: BF142270.D

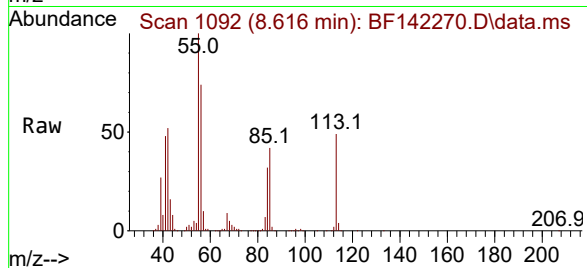
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:113 Resp: 12408

Ion Ratio Lower Upper

113 100

55 205.5 177.7 217.7

56 152.5 127.1 167.1

Manual Integrations

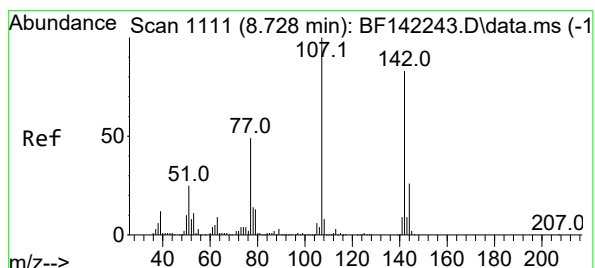
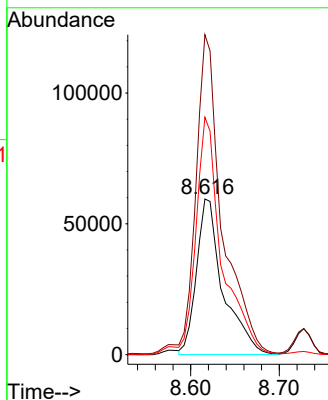
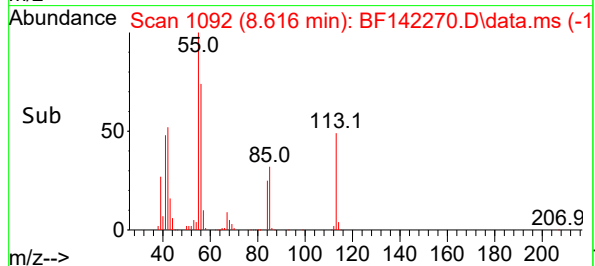
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#36

4-Chloro-3-methylphenol

Concen: 40.609 ng

RT: 8.728 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

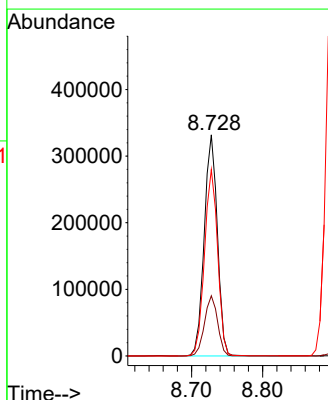
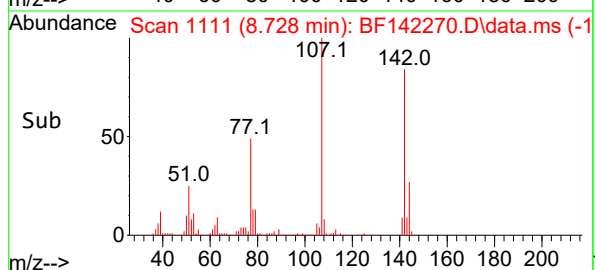
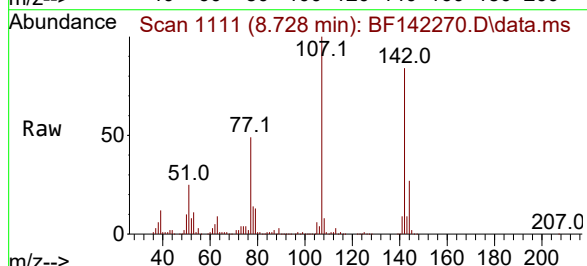
Tgt Ion:107 Resp: 428130

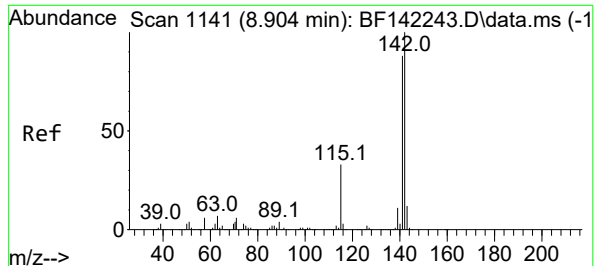
Ion Ratio Lower Upper

107 100

144 27.3 21.0 31.4

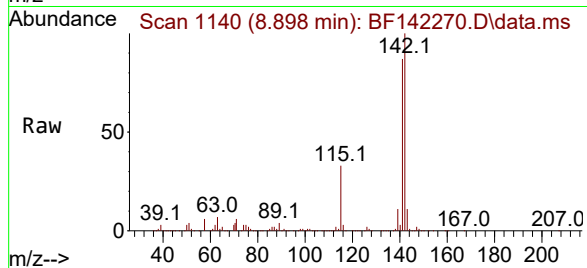
142 84.3 66.1 99.1





#37
2-Methylnaphthalene
Concen: 41.802 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



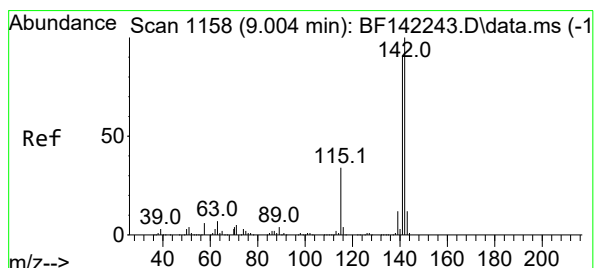
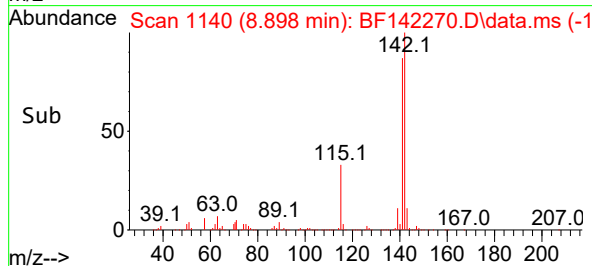
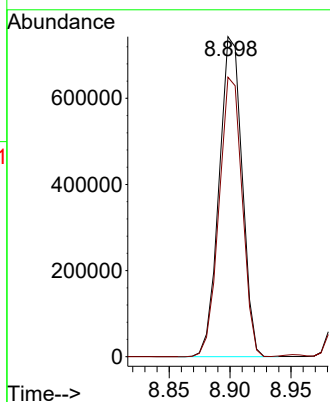
Tgt Ion:142 Resp: 97725
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7

Manual Integrations
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Reviewed By :Rahul
Chavli

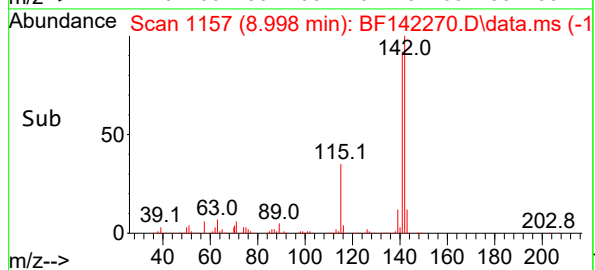
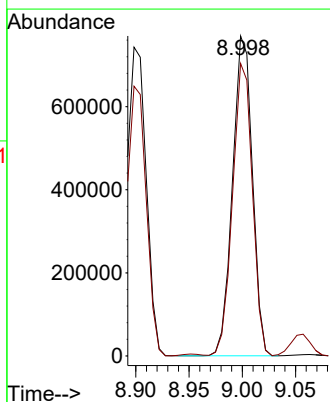
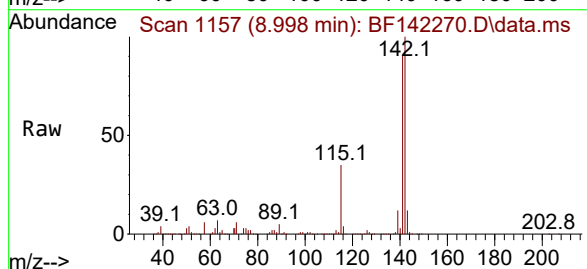
05/02/2025
Supervised By :Jagrut
Upadhyay

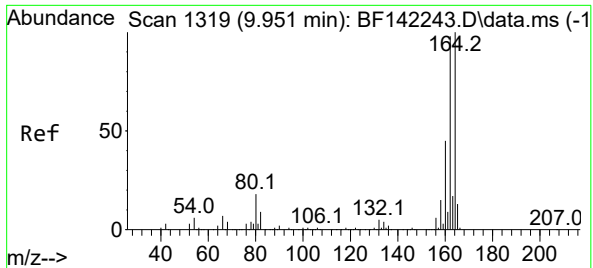
05/02/2025



#38
1-Methylnaphthalene
Concen: 41.279 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:142 Resp: 999740
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:	164	Resp:	351872
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.6	117.8
160	44.6	35.7	53.5

Manual Integrations

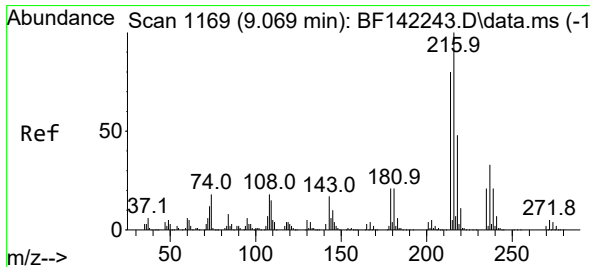
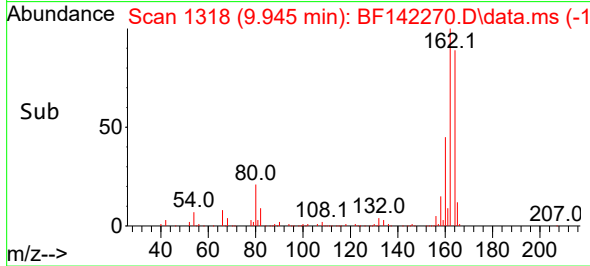
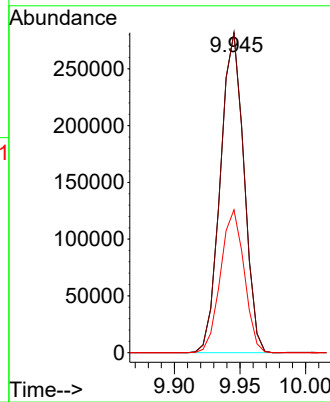
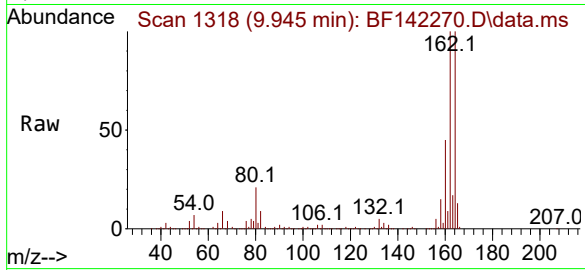
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.654 ng

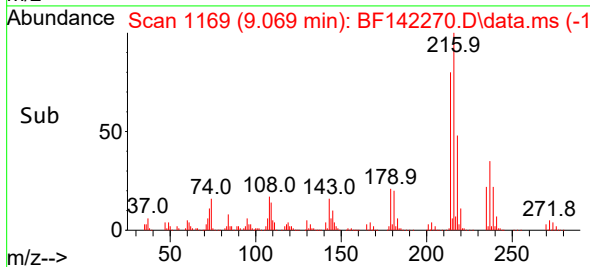
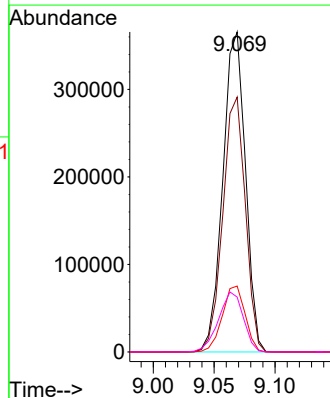
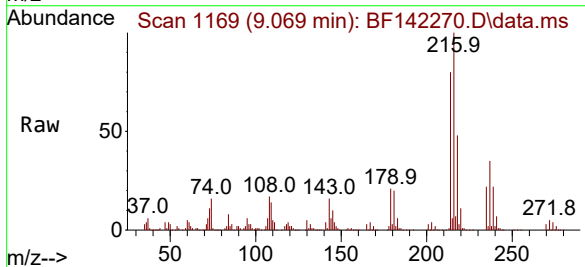
RT: 9.069 min Scan# 1169

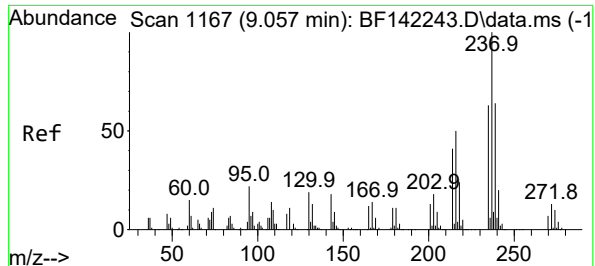
Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Tgt Ion:	216	Resp:	471907
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.6
179	20.9	16.7	25.1
108	20.6	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 98.586 ng

RT: 9.057 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:237 Resp: 55408

Ion Ratio Lower Upper

237 100

235 63.3 43.5 83.5

272 13.2 0.0 32.9

Manual Integrations

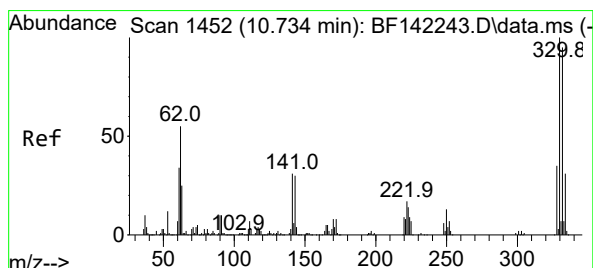
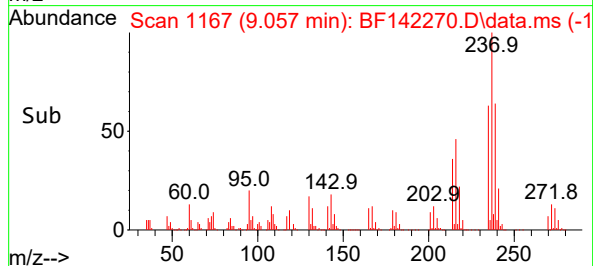
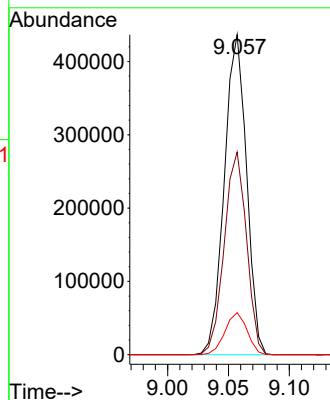
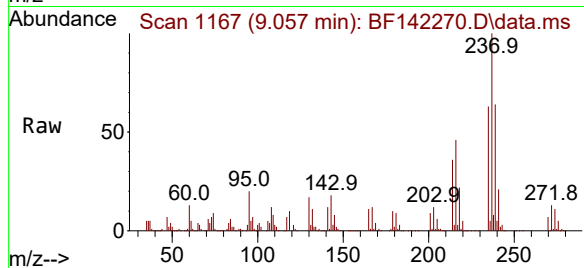
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#42

2,4,6-Tribromophenol

Concen: 89.247 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

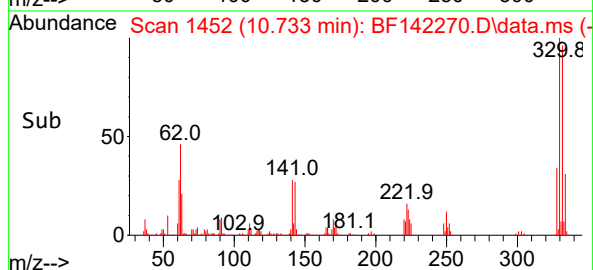
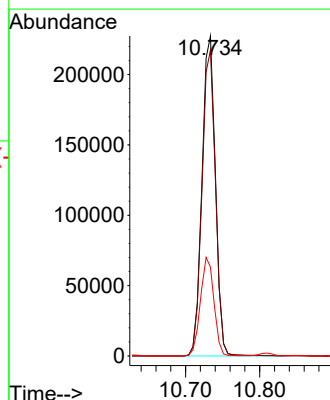
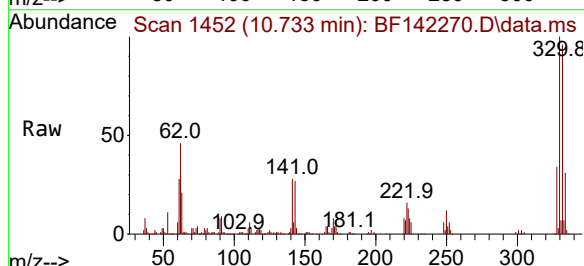
Tgt Ion:330 Resp: 286287

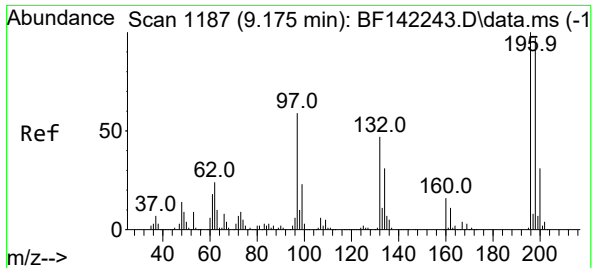
Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

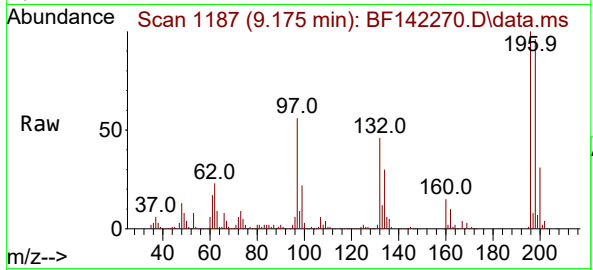
141 30.9 24.3 36.5





#43
2,4,6-Trichlorophenol
Concen: 49.853 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



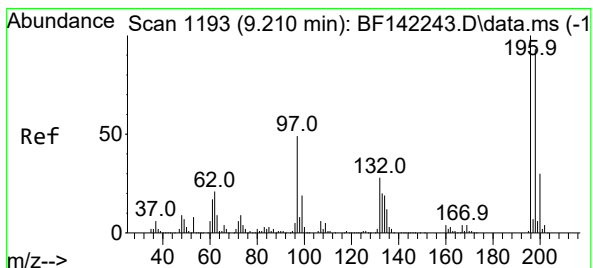
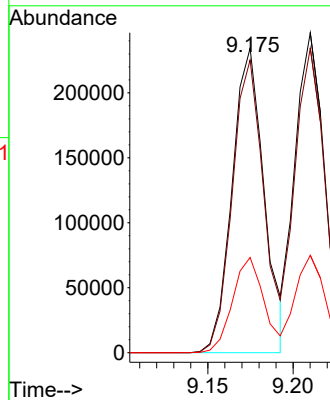
Tgt Ion:196 Resp: 30592
Ion Ratio Lower Upper
196 100
198 96.2 77.4 116.2
200 31.3 24.6 37.0

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

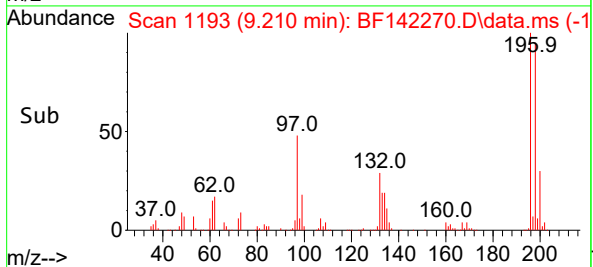
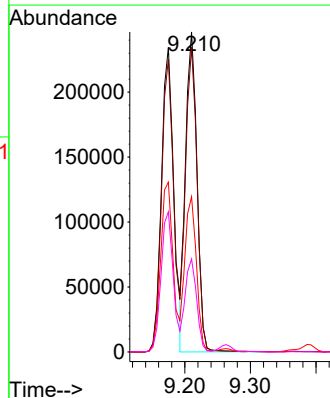
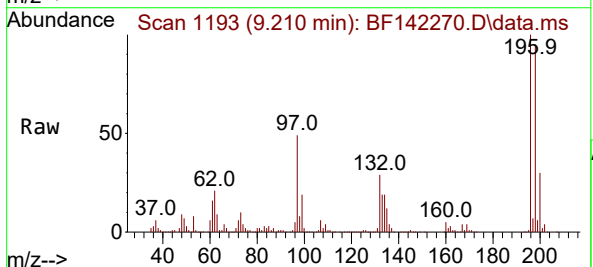
05/02/2025
Supervised By :Jagrut
Upadhyay

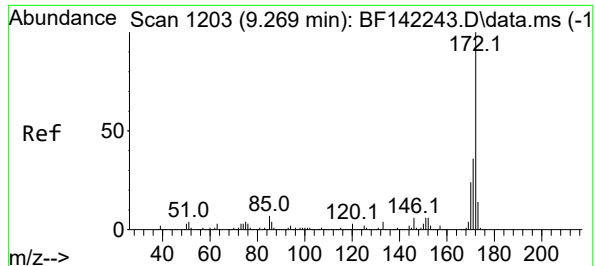
05/02/2025



#44
2,4,5-Trichlorophenol
Concen: 46.102 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:196 Resp: 297440
Ion Ratio Lower Upper
196 100
198 95.2 75.2 112.8
97 48.5 39.8 59.8
132 29.1 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 61.773 ng

RT: 9.263 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:172 Resp: 1541618

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.4

170 23.5 19.4 29.0

Manual Integrations

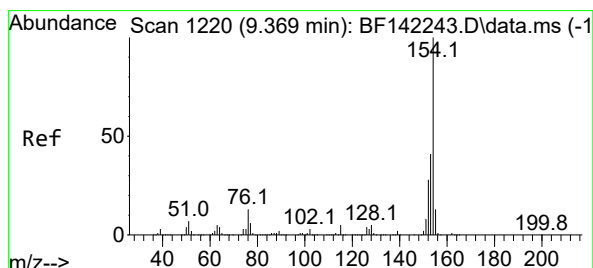
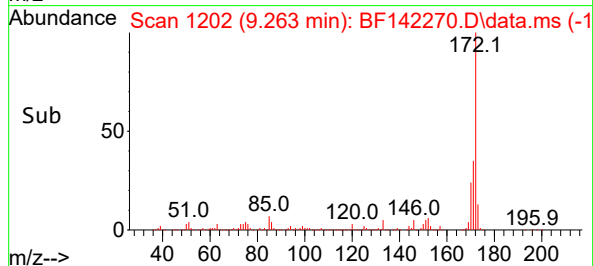
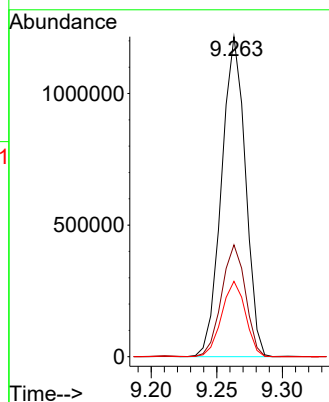
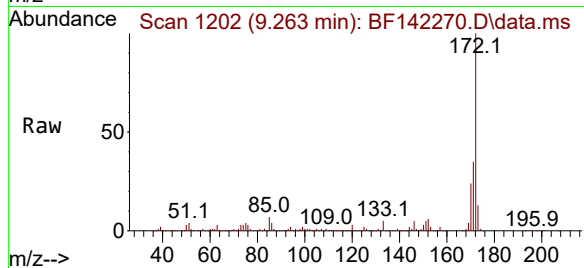
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#46

1,1'-Biphenyl

Concen: 46.529 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

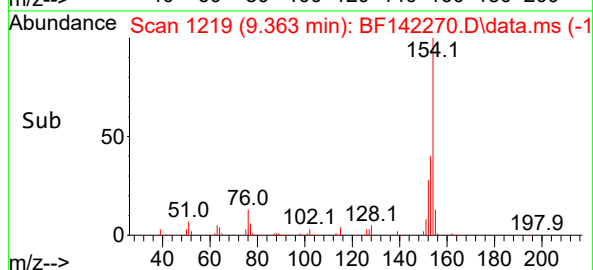
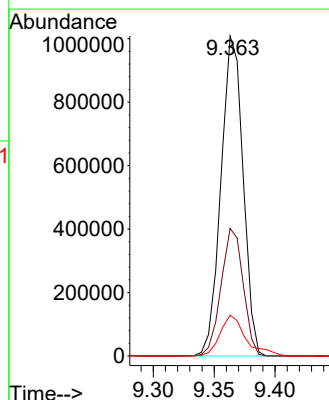
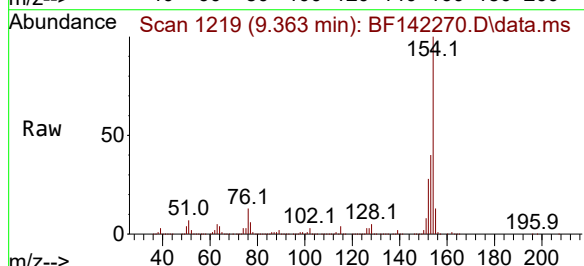
Tgt Ion:154 Resp: 1272788

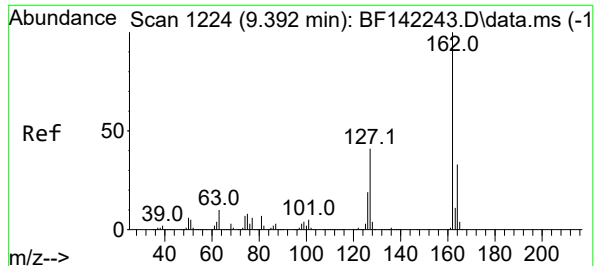
Ion Ratio Lower Upper

154 100

153 39.9 20.5 60.5

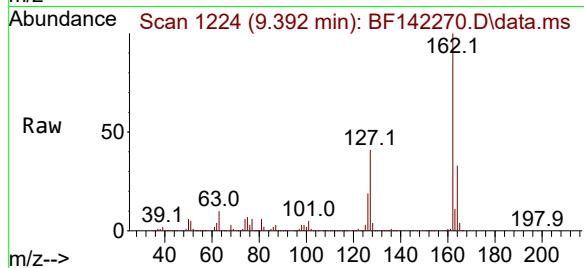
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 45.486 ng
RT: 9.392 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



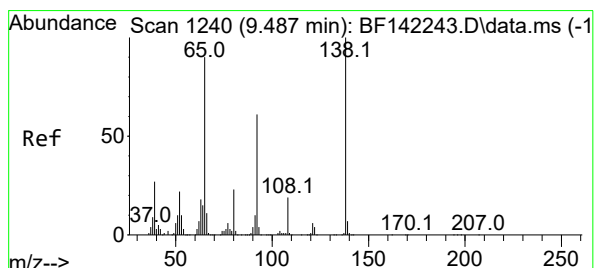
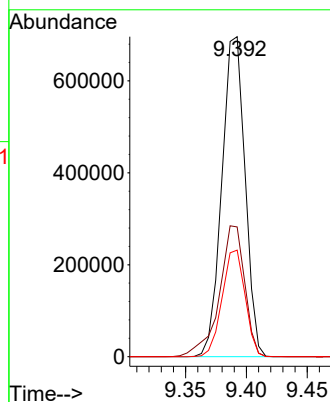
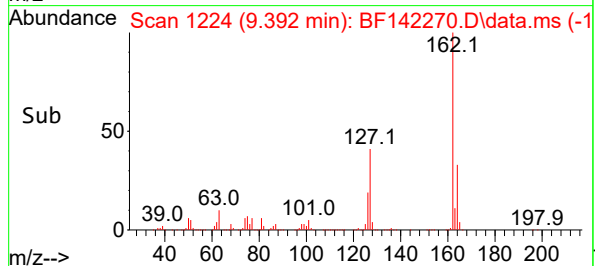
Tgt Ion:162 Resp: 925740
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 33.3 26.1 39.1

Manual Integrations
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Reviewed By :Rahul
Chavli

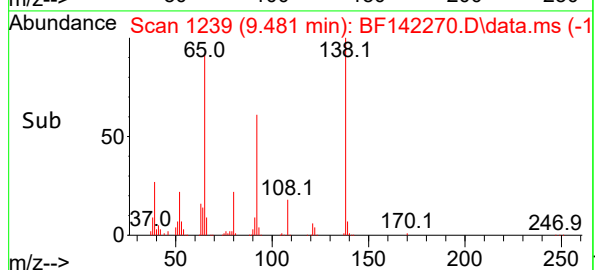
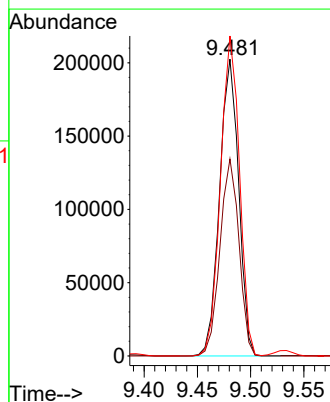
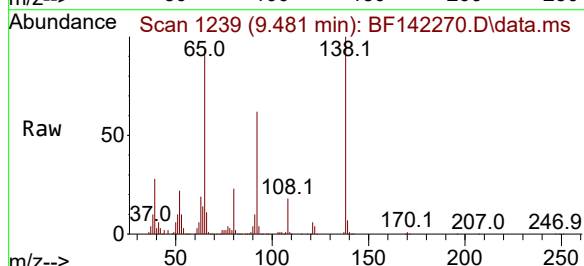
05/02/2025
Supervised By :Jagrut
Upadhyay

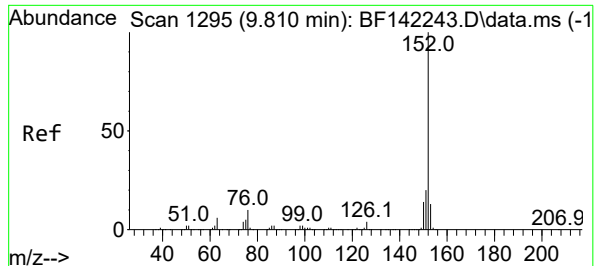
05/02/2025



#48
2-Nitroaniline
Concen: 47.110 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion: 65 Resp: 252309
Ion Ratio Lower Upper
65 100
92 66.3 54.3 81.5
138 107.8 88.6 133.0





#49

Acenaphthylene

Concen: 43.790 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142270.D

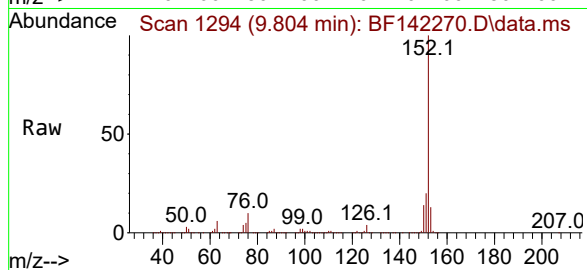
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:152 Resp: 150390

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.3 10.7 16.1

Manual Integrations

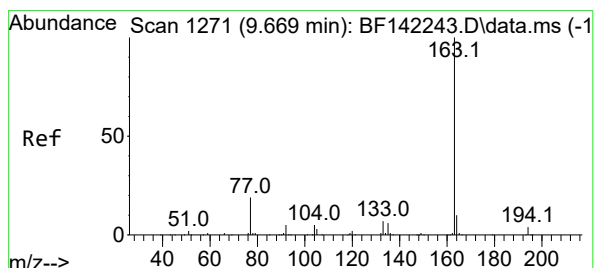
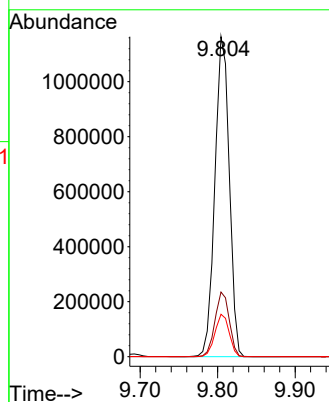
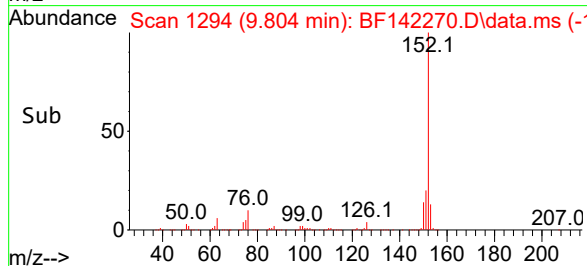
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#50

Dimethylphthalate

Concen: 45.099 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

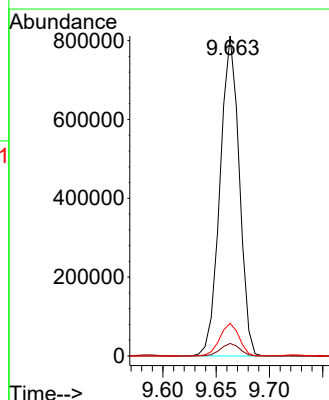
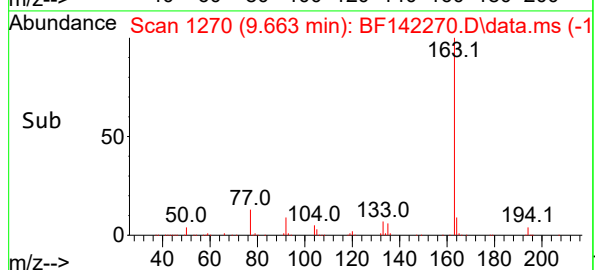
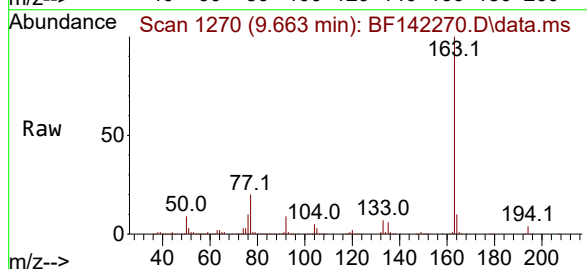
Tgt Ion:163 Resp: 1015217

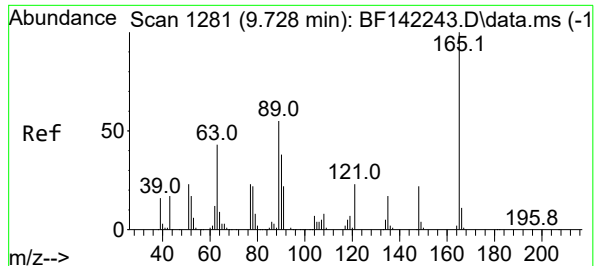
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

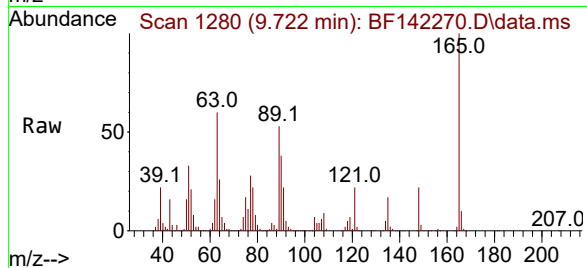
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.378 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



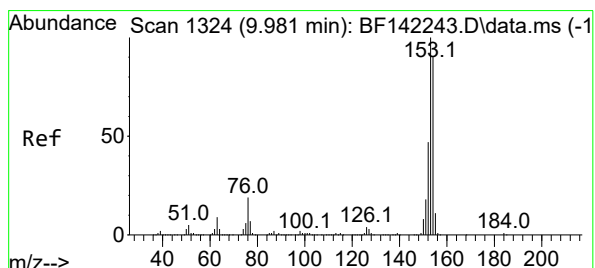
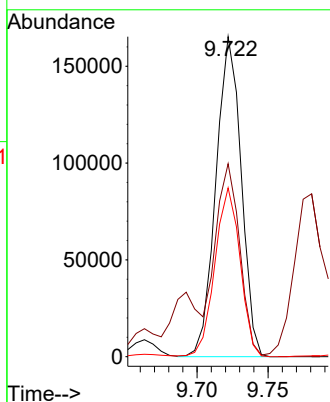
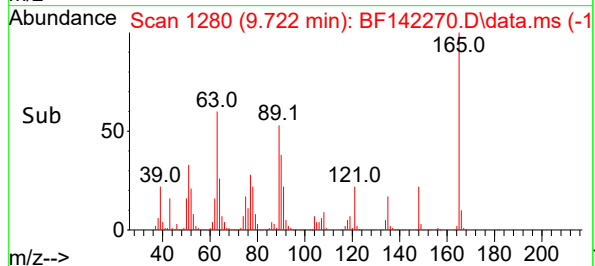
Tgt Ion:165 Resp: 204319
Ion Ratio Lower Upper
165 100
63 60.3 48.5 72.7
89 52.8 43.9 65.9

Manual Integrations
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Reviewed By :Rahul
Chavli

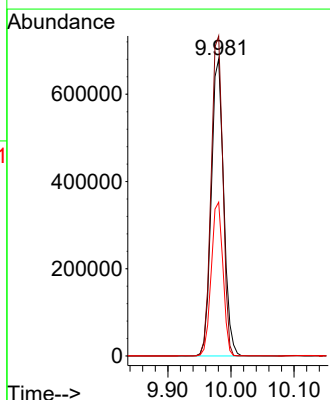
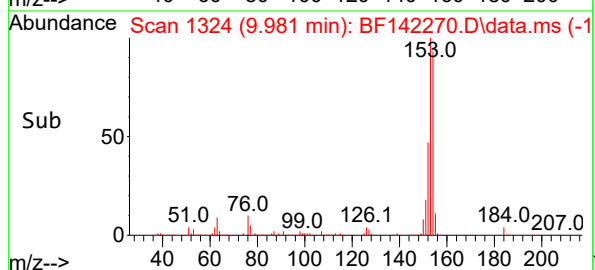
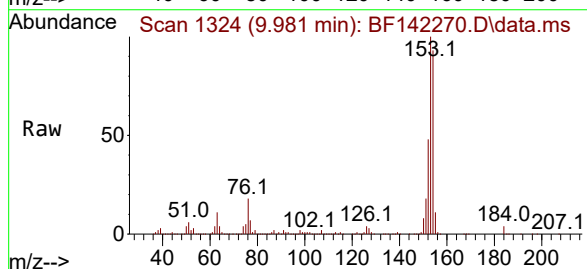
05/02/2025
Supervised By :Jagrut
Upadhyay

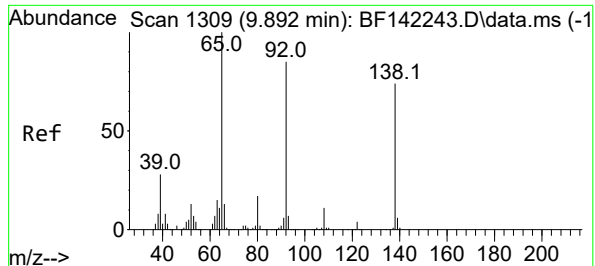
05/02/2025



#52
Acenaphthene
Concen: 46.429 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

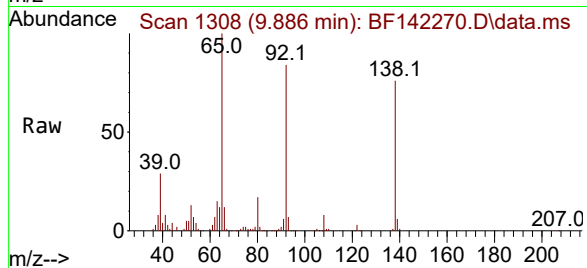
Tgt Ion:154 Resp: 931022
Ion Ratio Lower Upper
154 100
153 107.7 88.6 133.0
152 51.8 42.1 63.1





#53
3-Nitroaniline
Concen: 24.861 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



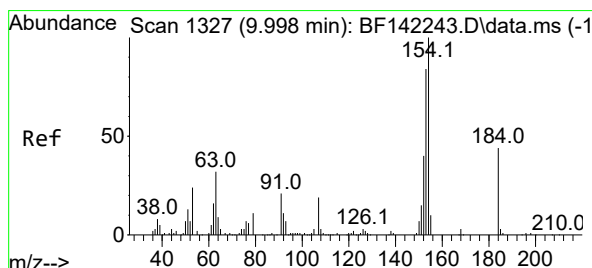
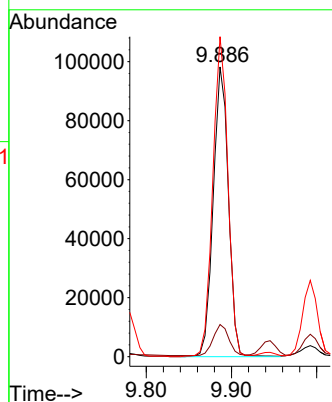
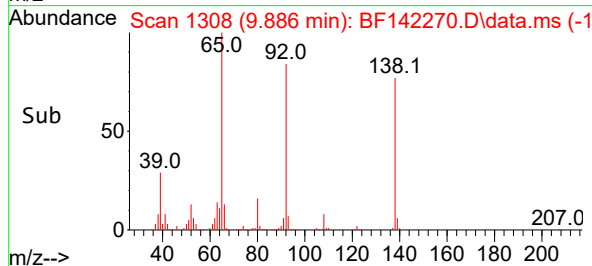
Tgt Ion:138 Resp: 121932
Ion Ratio Lower Upper
138 100
108 11.1 11.7 17.5
92 110.5 91.2 136.8

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Reviewed By :Rahul
Chavli

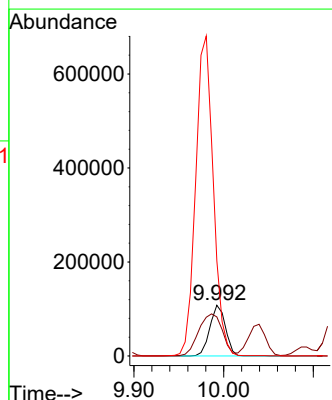
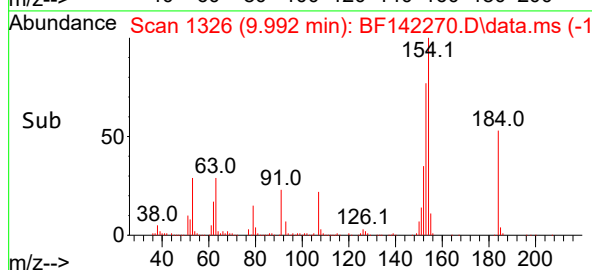
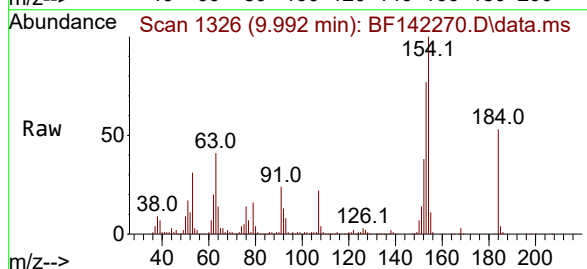
05/02/2025
Supervised By :Jagrut
Upadhyay

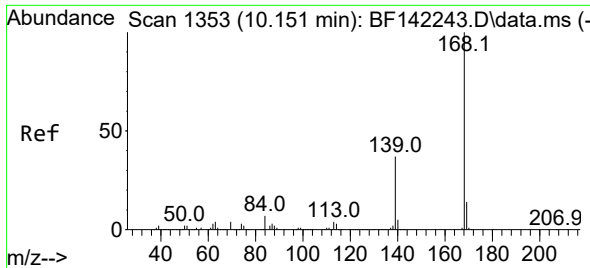
05/02/2025



#54
2,4-Dinitrophenol
Concen: 84.371 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

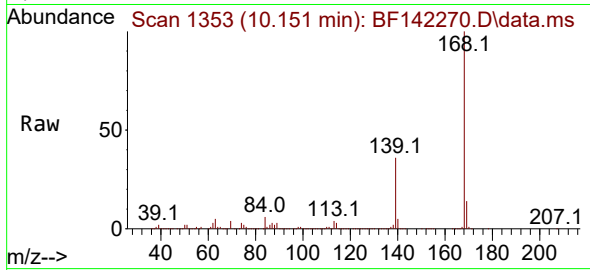
Tgt Ion:184 Resp: 131189
Ion Ratio Lower Upper
184 100
63 77.1 69.2 103.8
154 187.8 271.4 407.2#





#55
Dibenzofuran
Concen: 42.922 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



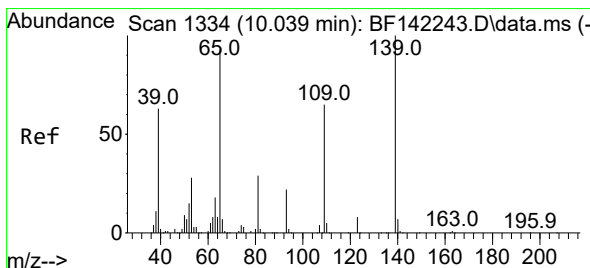
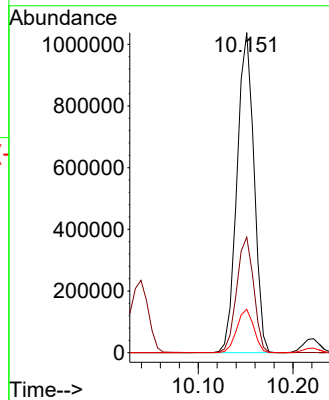
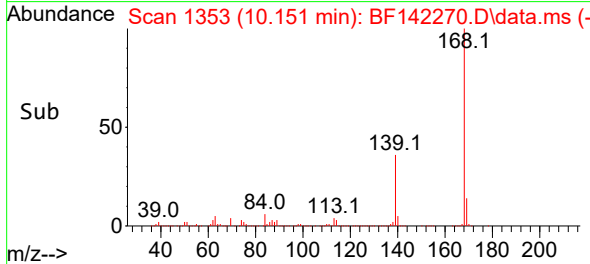
Tgt Ion:168 Resp: 1290218
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0
169 13.6 11.0 16.4

Manual Integrations
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Reviewed By :Rahul
Chavli

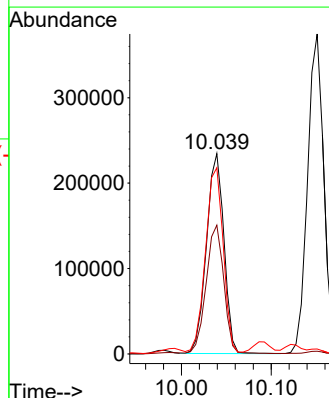
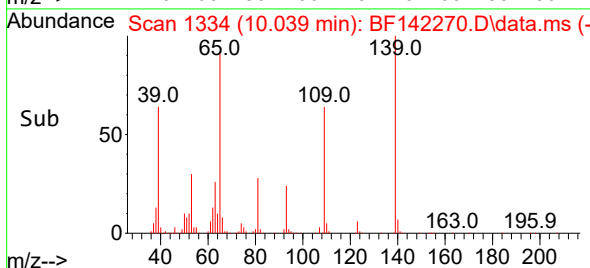
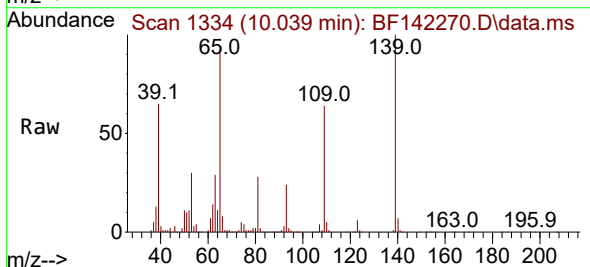
05/02/2025
Supervised By :Jagrut
Upadhyay

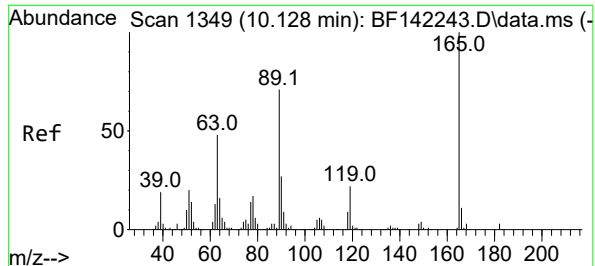
05/02/2025



#56
4-Nitrophenol
Concen: 89.575 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

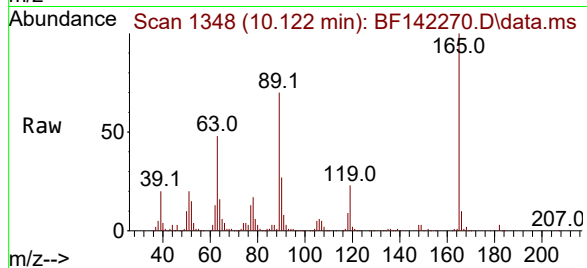
Tgt Ion:139 Resp: 316946
Ion Ratio Lower Upper
139 100
109 64.3 44.9 84.9
65 93.0 74.7 114.7





#57
2,4-Dinitrotoluene
Concen: 47.801 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



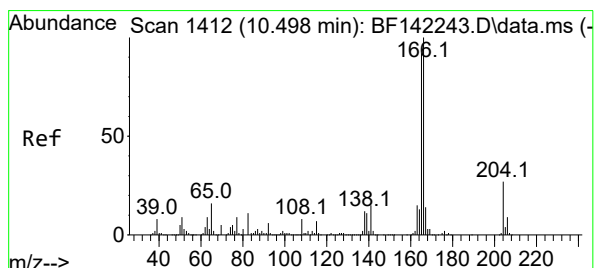
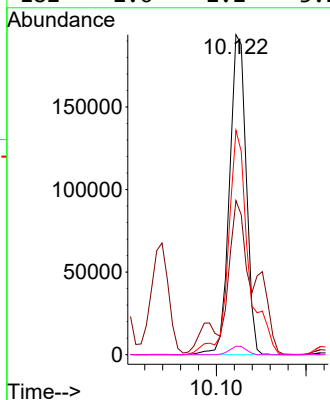
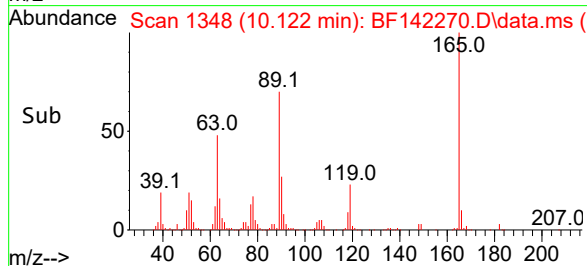
Tgt Ion:165 Resp: 249724
Ion Ratio Lower Upper
165 100
63 48.2 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2

Manual Integrations
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Reviewed By :Rahul
Chavli

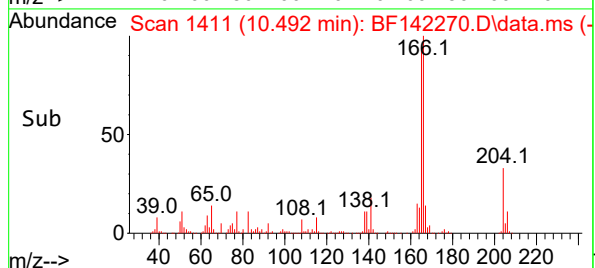
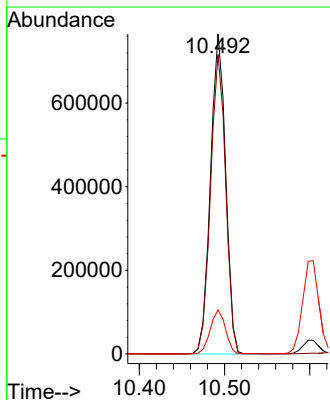
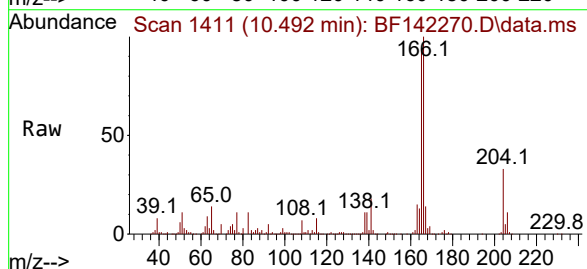
05/02/2025
Supervised By :Jagrut
Upadhyay

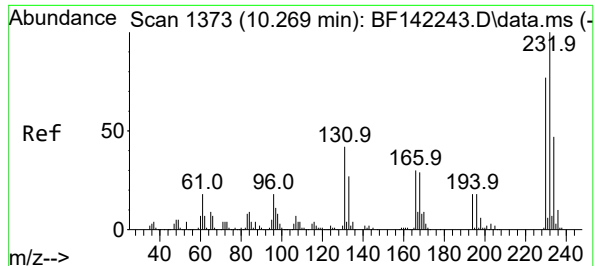
05/02/2025



#58
Fluorene
Concen: 41.360 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

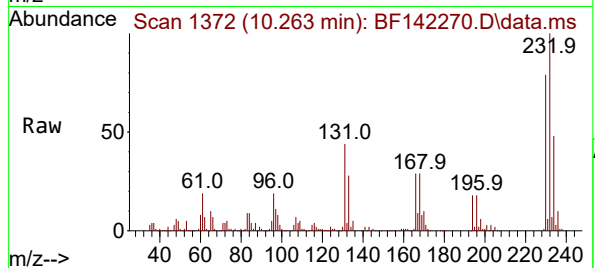
Tgt Ion:166 Resp: 945333
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.531 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



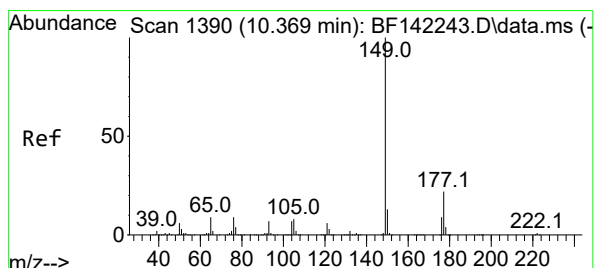
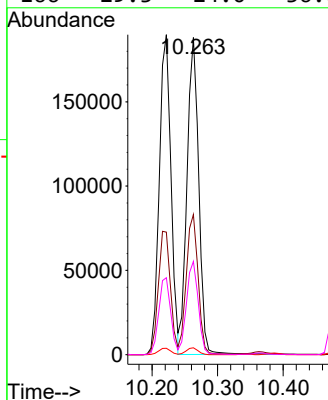
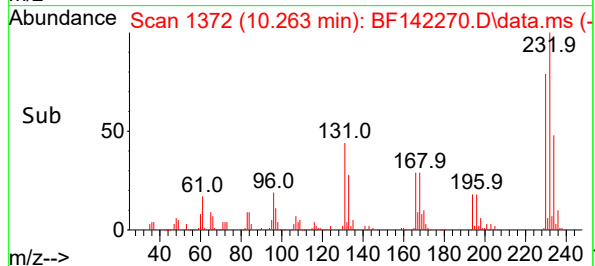
Tgt Ion:232 Resp: 23264
Ion Ratio Lower Upper
232 100
131 44.7 35.9 53.9
130 2.2 1.8 2.6
166 29.3 24.0 36.0

Manual Integrations
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Reviewed By :Rahul
Chavli

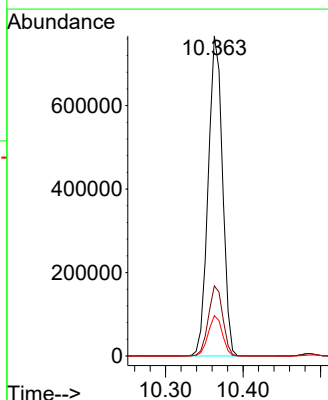
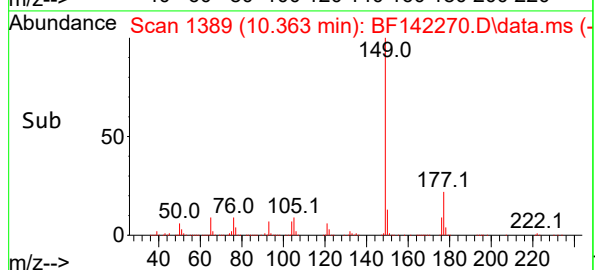
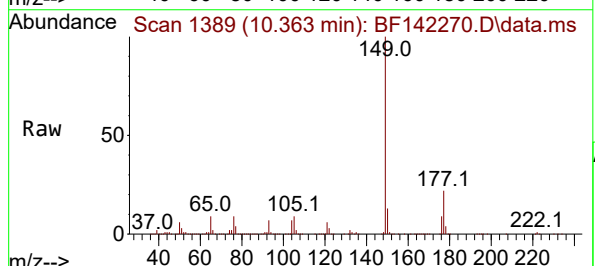
05/02/2025
Supervised By :Jagrut
Upadhyay

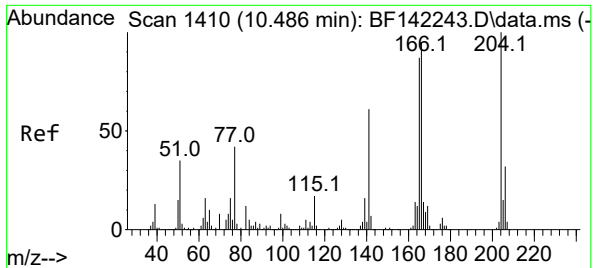
05/02/2025



#60
Diethylphthalate
Concen: 44.125 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

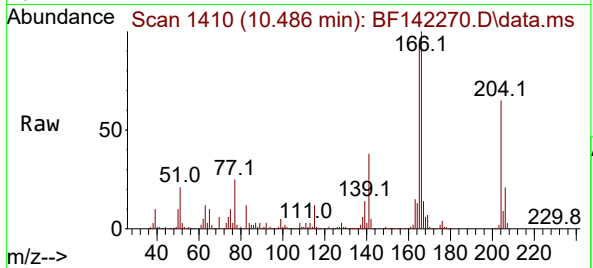
Tgt Ion:149 Resp: 980867
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.054 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



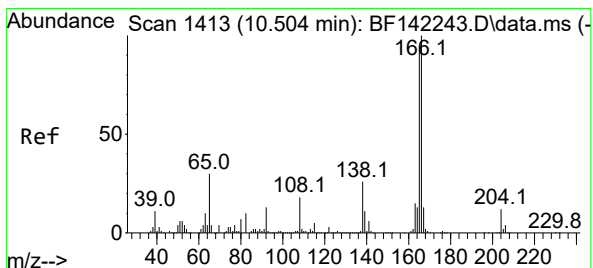
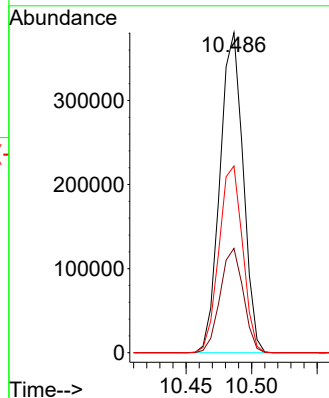
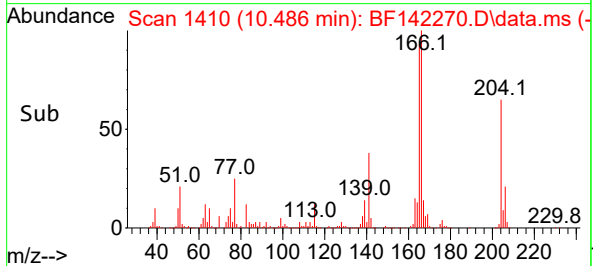
Tgt Ion:204 Resp: 467320
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 58.4 48.9 73.3

Manual Integrations
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Reviewed By :Rahul
Chavli

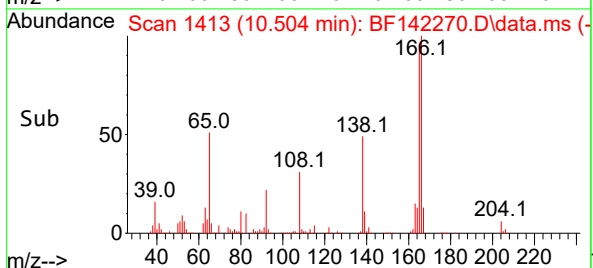
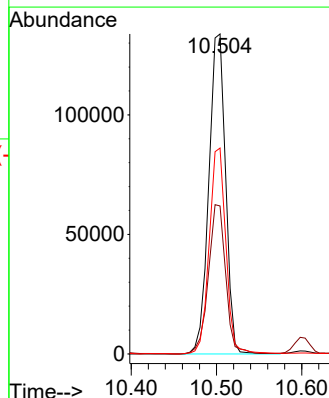
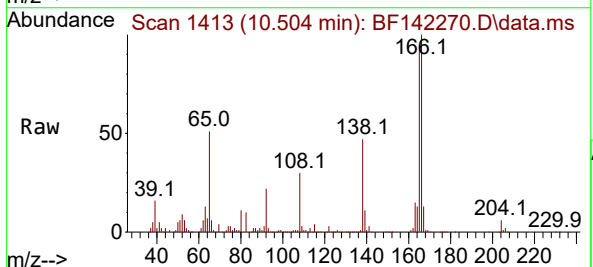
05/02/2025
Supervised By :Jagrut
Upadhyay

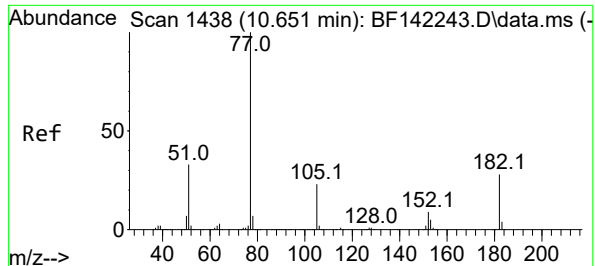
05/02/2025



#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

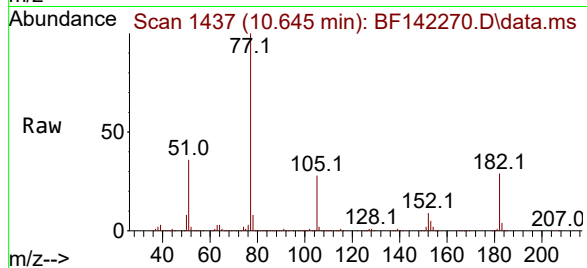
Tgt Ion:138 Resp: 182663
Ion Ratio Lower Upper
138 100
92 46.3 29.2 69.2
108 64.3 49.1 89.1





#63
Azobenzene
Concen: 46.824 ng
RT: 10.645 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



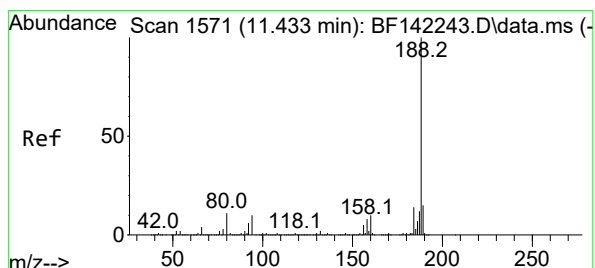
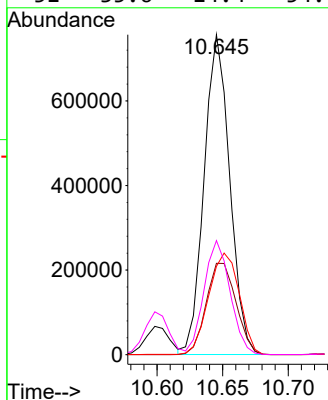
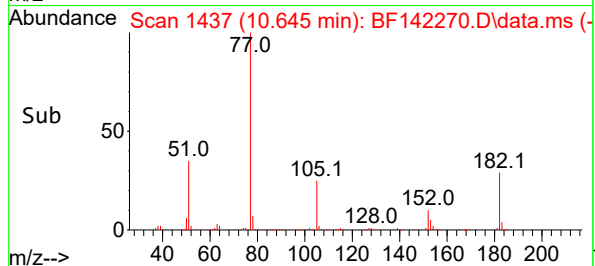
Tgt Ion: 77 Resp: 102783
Ion Ratio Lower Upper
77 100
182 28.6 7.3 47.3
105 27.6 2.5 42.5
51 35.6 14.4 54.4

Manual Integrations
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Reviewed By :Rahul
Chavli

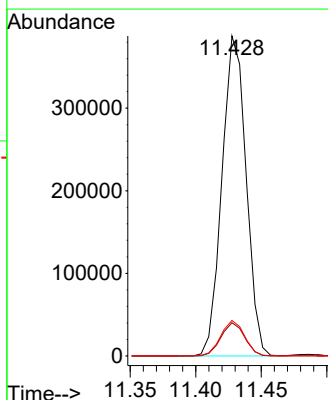
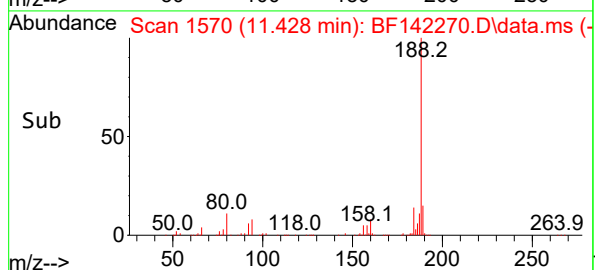
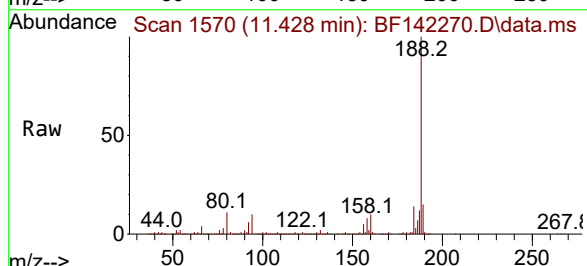
05/02/2025
Supervised By :Jagrut
Upadhyay

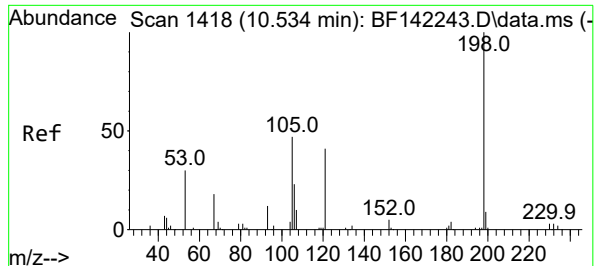
05/02/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

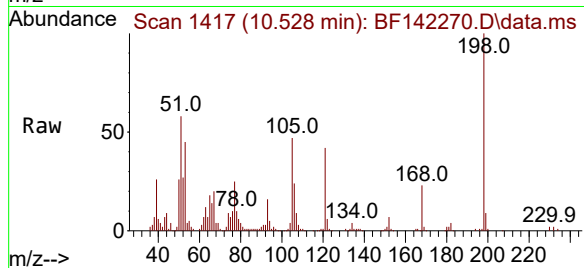
Tgt Ion:188 Resp: 496148
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 51.580 ng
RT: 10.528 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



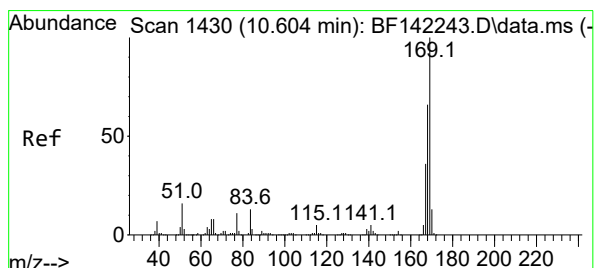
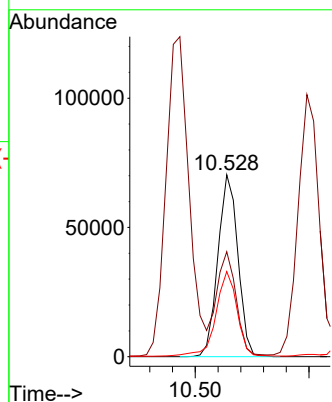
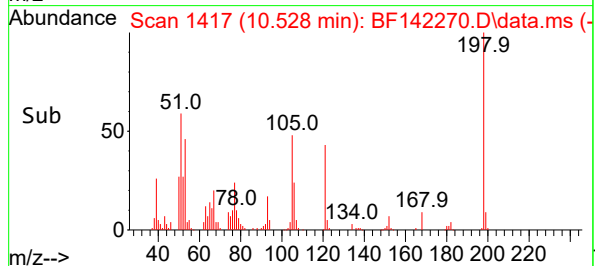
Tgt Ion:198 Resp: 85960
Ion Ratio Lower Upper
198 100
51 57.7 40.6 80.6
105 46.8 29.2 69.2

Manual Integrations
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Reviewed By :Rahul
Chavli

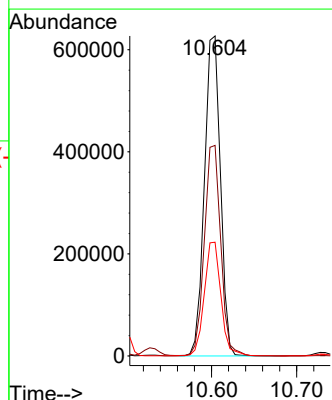
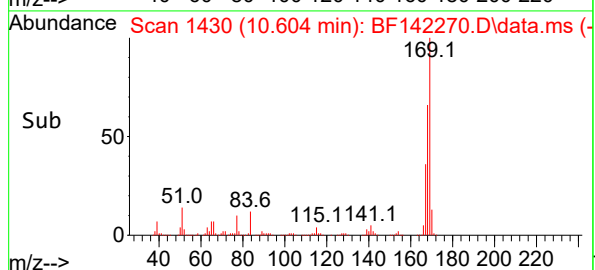
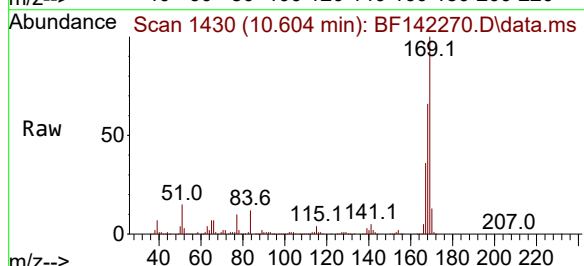
05/02/2025
Supervised By :Jagrut
Upadhyay

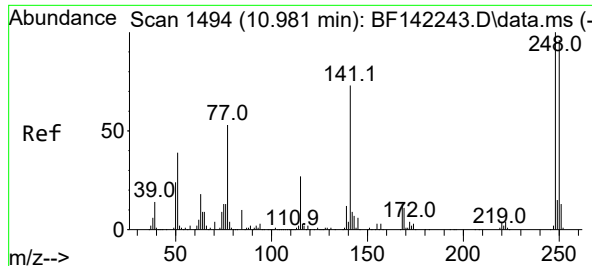
05/02/2025



#66
n-Nitrosodiphenylamine
Concen: 48.191 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

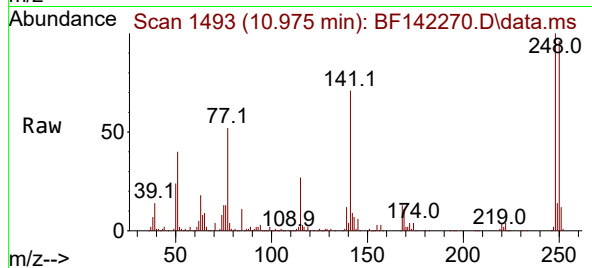
Tgt Ion:169 Resp: 816949
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 50.462 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



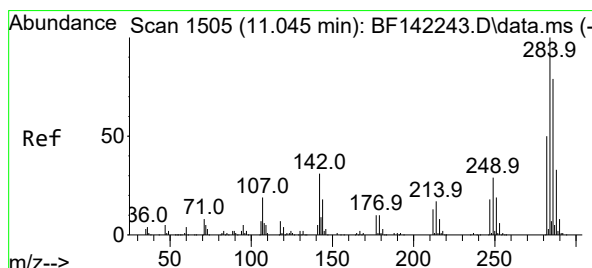
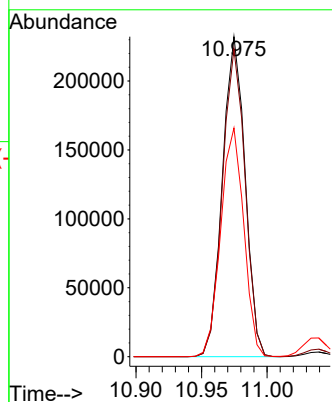
Tgt Ion:248 Resp: 278827
Ion Ratio Lower Upper
248 100
250 96.2 77.2 115.8
141 71.4 58.4 87.6

Manual Integrations
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Reviewed By :Rahul
Chavli

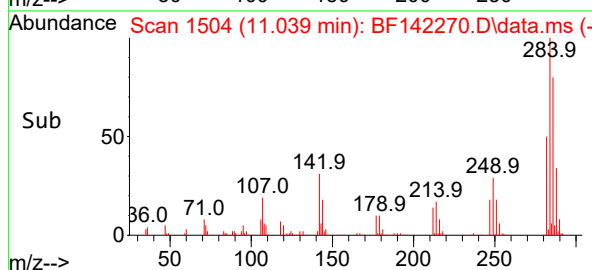
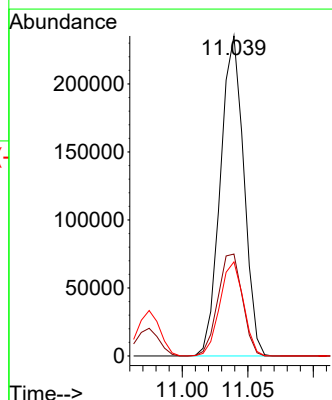
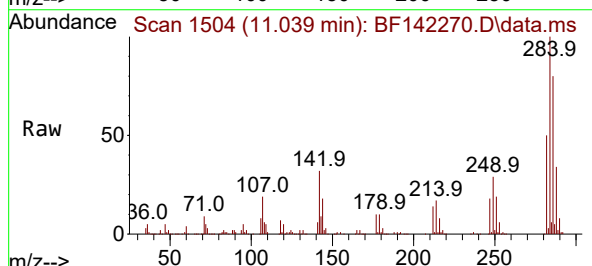
05/02/2025
Supervised By :Jagrut
Upadhyay

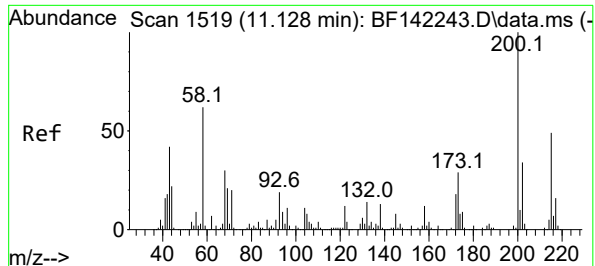
05/02/2025



#68
Hexachlorobenzene
Concen: 47.230 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:284 Resp: 292279
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 29.4 23.2 34.8





#69

Atrazine

Concen: 52.062 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:200 Resp: 23263

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

215 49.3 28.5 68.5

Manual Integrations

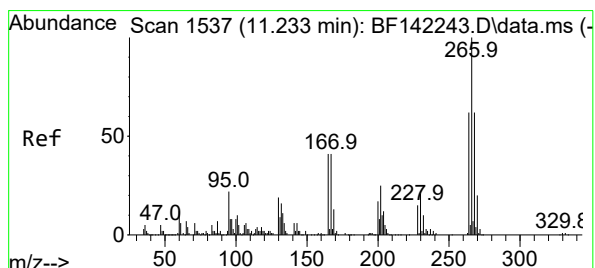
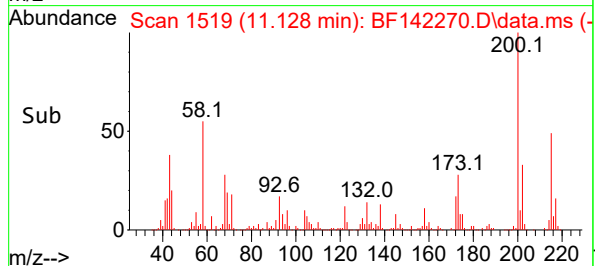
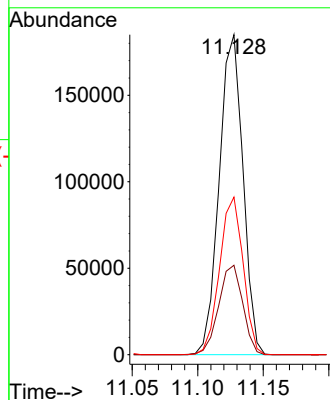
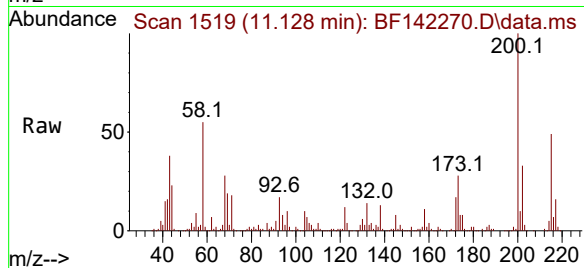
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#70

Pentachlorophenol

Concen: 97.144 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.005 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

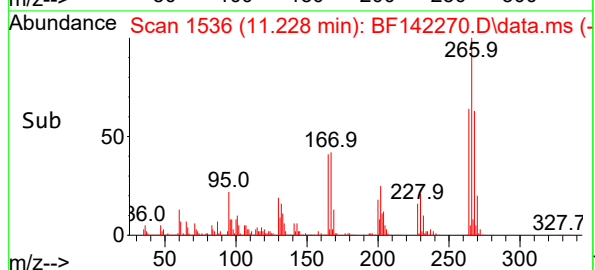
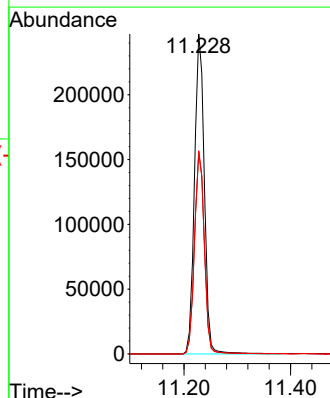
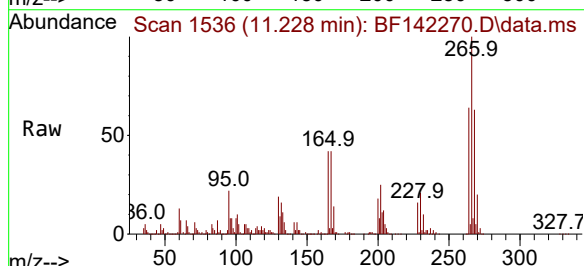
Tgt Ion:266 Resp: 317591

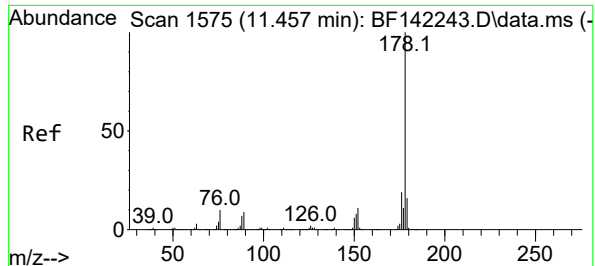
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 63.5 49.3 73.9





#71

Phenanthrene

Concen: 46.265 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:178 Resp: 1239899

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 12.6 19.0

Manual Integrations

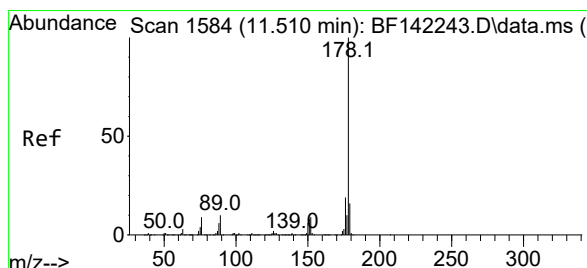
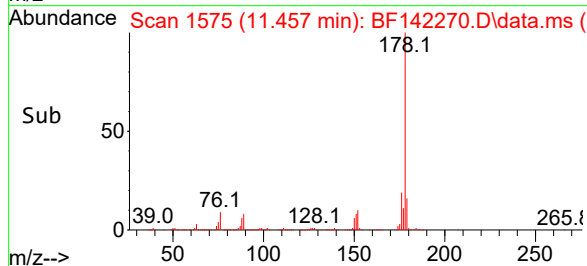
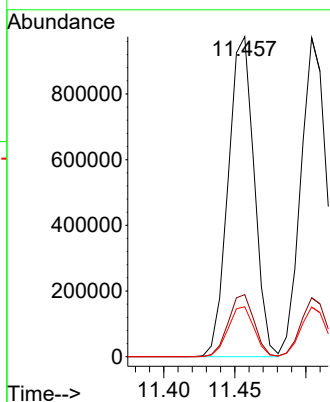
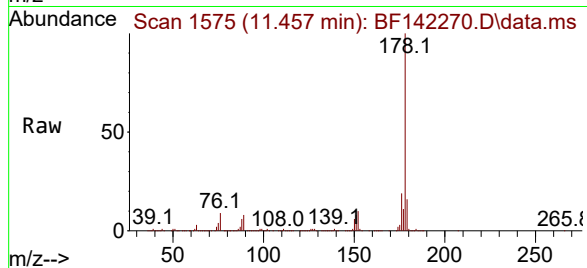
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Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#72

Anthracene

Concen: 44.230 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

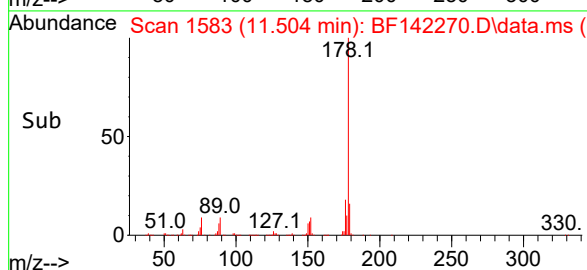
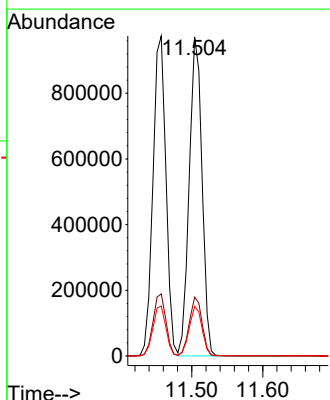
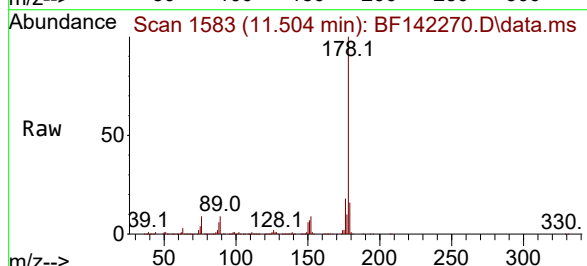
Tgt Ion:178 Resp: 1211937

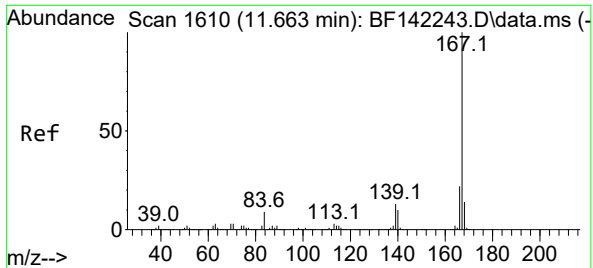
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

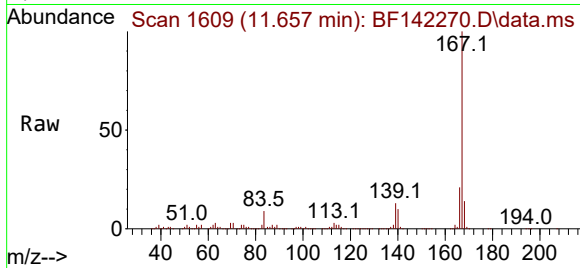
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 43.067 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB01MSD



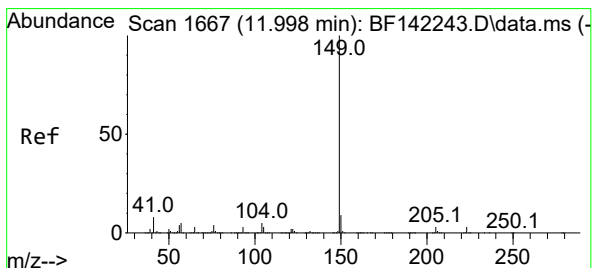
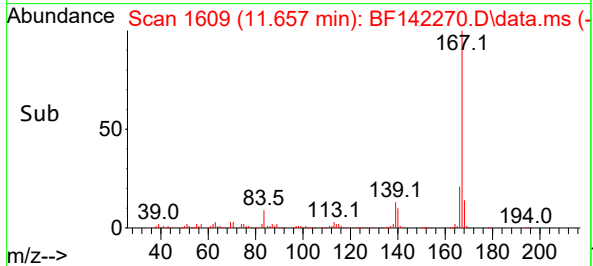
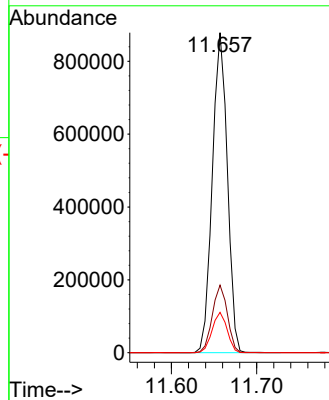
Tgt Ion:167 Resp: 107649
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.3 25.9
 139 12.6 10.3 15.5

Manual Integrations
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Reviewed By :Rahul
 Chavli

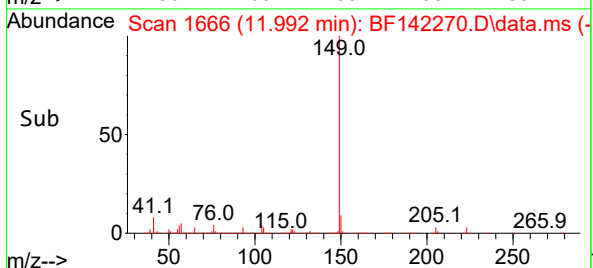
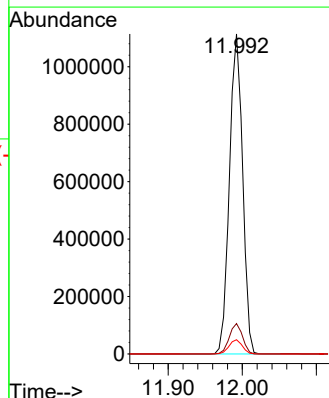
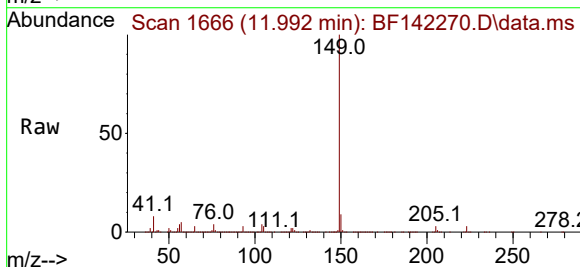
05/02/2025
 Supervised By :Jagrut
 Upadhyay

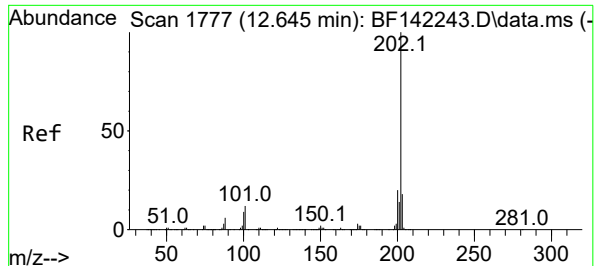
05/02/2025



#74
 Di-n-butylphthalate
 Concen: 54.629 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142270.D
 Acq: 01 May 2025 19:52

Tgt Ion:149 Resp: 1373313
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 48.407 ng

RT: 12.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:202 Resp: 1282408

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.4

203 17.5 0.0 37.5

Manual Integrations

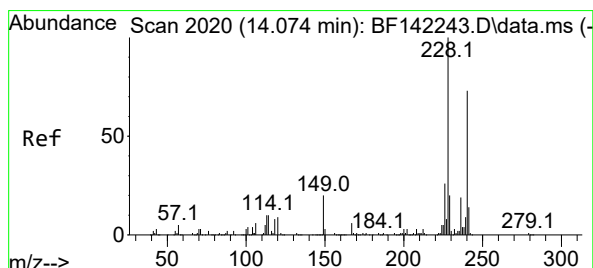
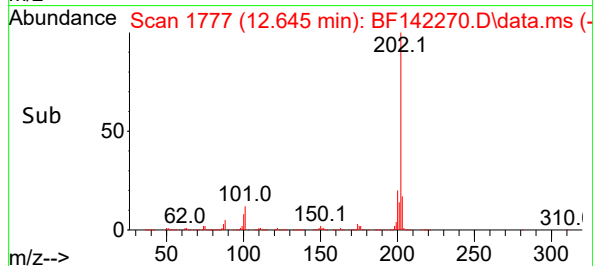
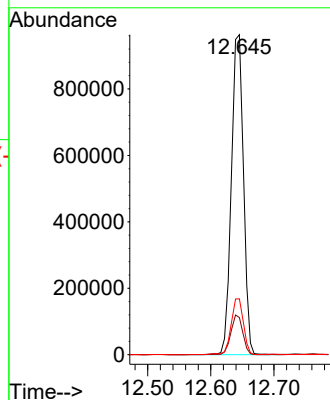
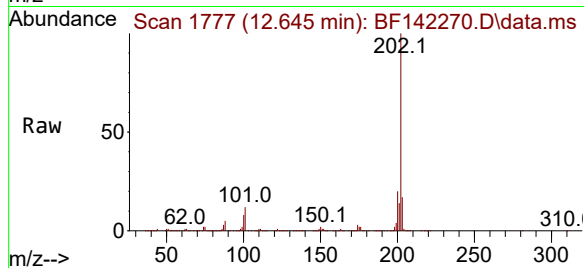
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

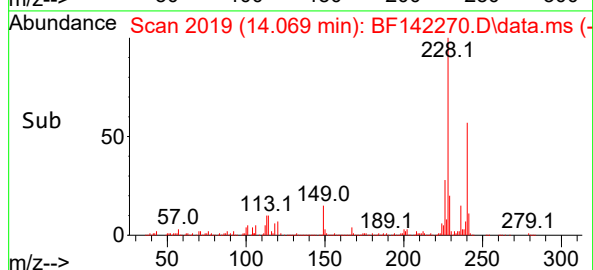
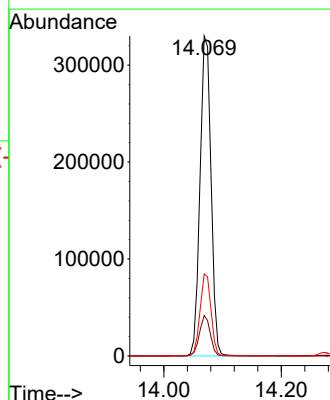
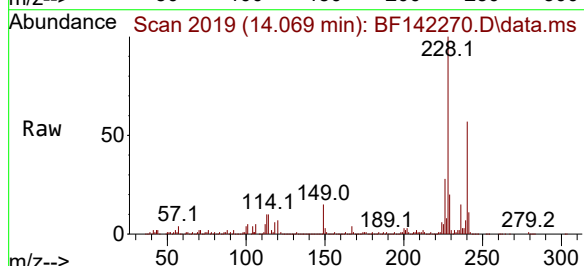
Tgt Ion:240 Resp: 429879

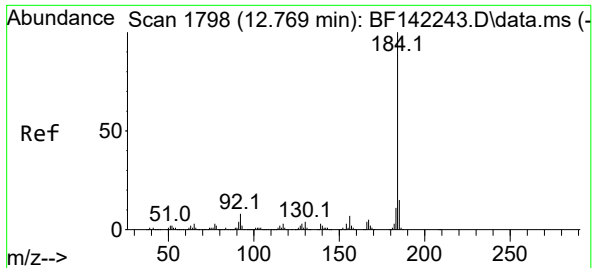
Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.6 20.5 30.7





#77

Benzidine

Concen: 25.867 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142270.D

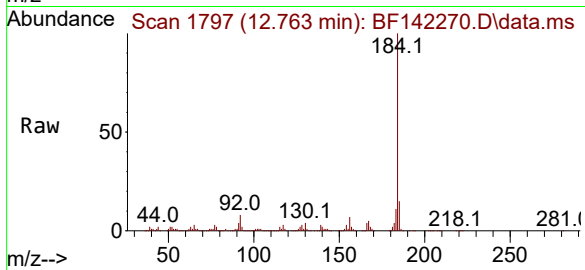
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:184 Resp: 47249

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

183 10.7 8.9 13.3

Manual Integrations

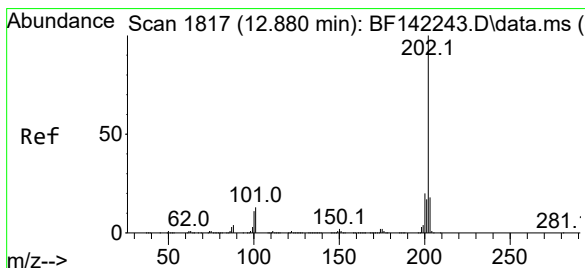
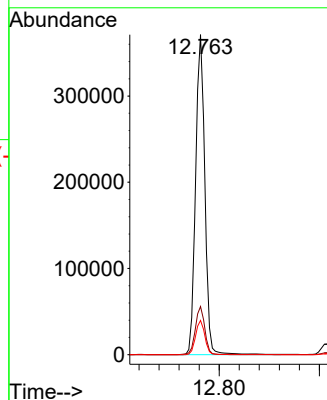
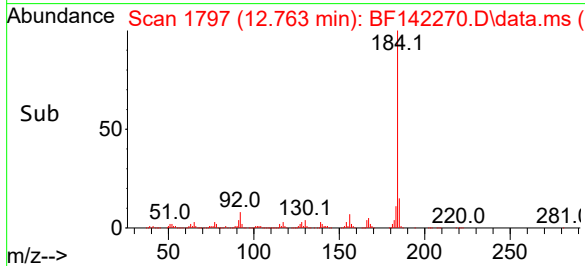
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#78

Pyrene

Concen: 33.599 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.012 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

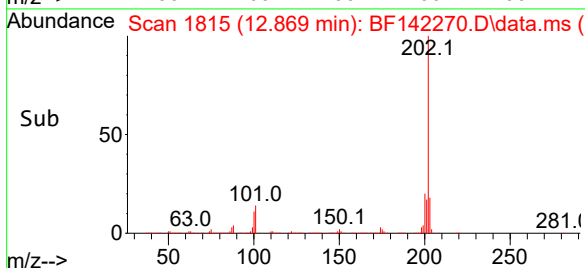
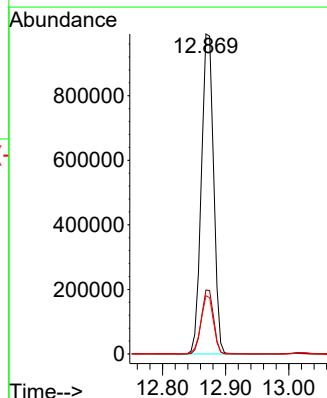
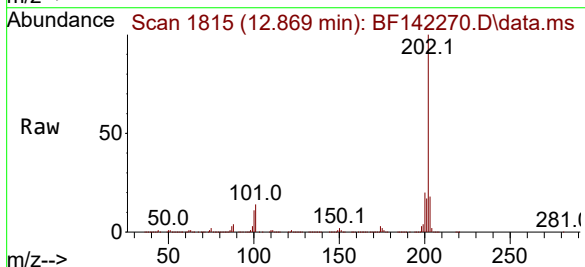
Tgt Ion:202 Resp: 1332351

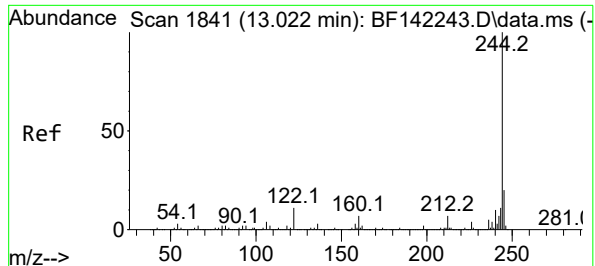
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 42.105 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142270.D

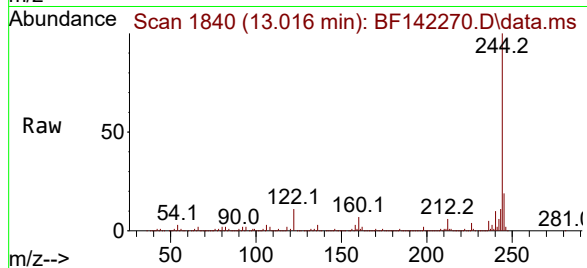
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:244 Resp: 1244500

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 11.3 9.1 13.7

Manual Integrations

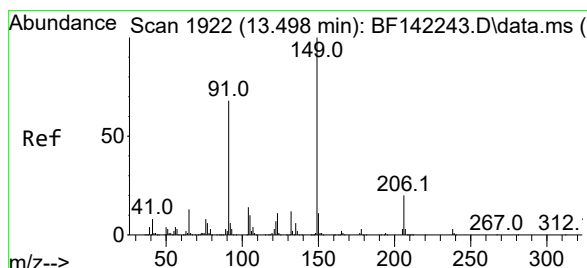
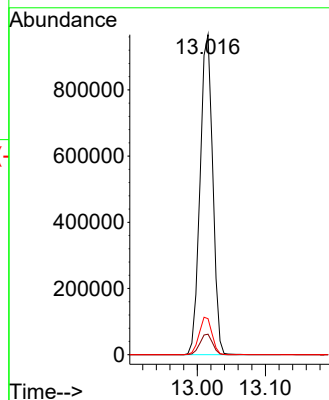
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#80

Butylbenzylphthalate

Concen: 50.031 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

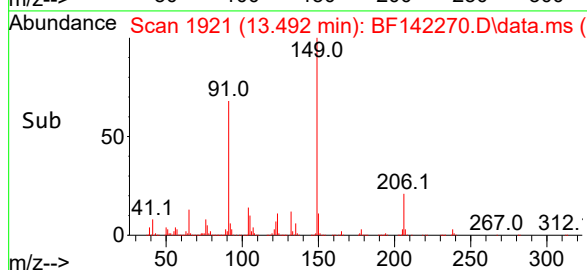
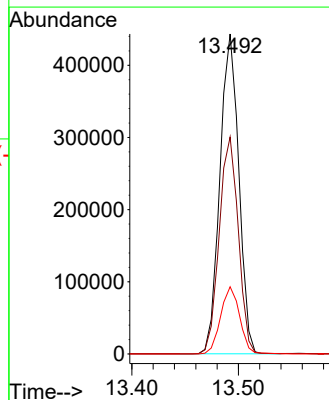
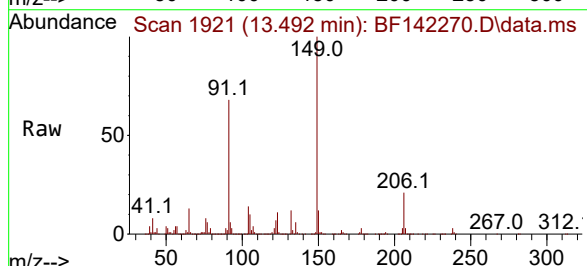
Tgt Ion:149 Resp: 544307

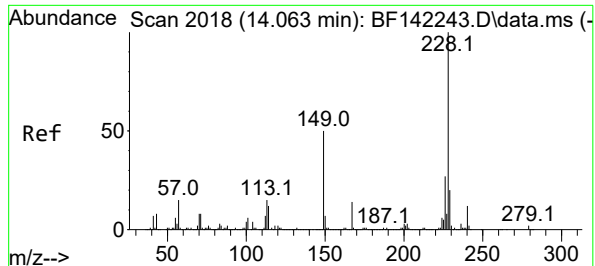
Ion Ratio Lower Upper

149 100

91 67.8 54.4 81.6

206 21.0 15.9 23.9





#81

Benzo(a)anthracene

Concen: 45.428 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:228 Resp: 1310994

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

229 19.9 16.0 24.0

Manual Integrations

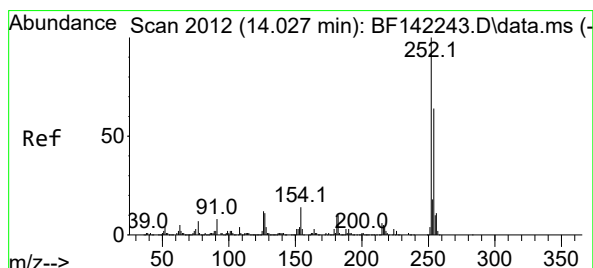
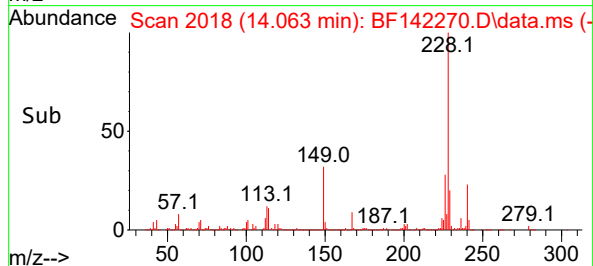
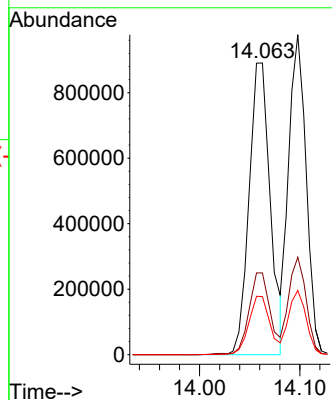
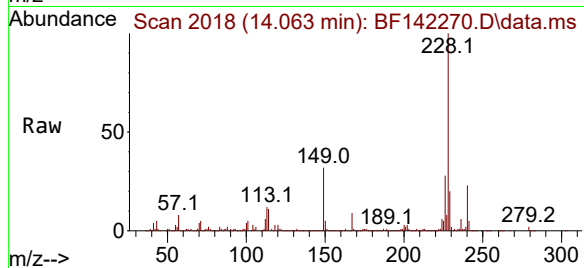
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#82

3,3'-Dichlorobenzidine

Concen: 33.727 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

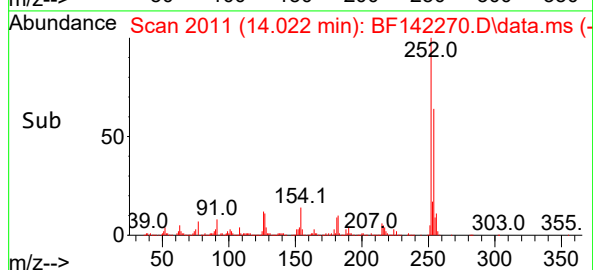
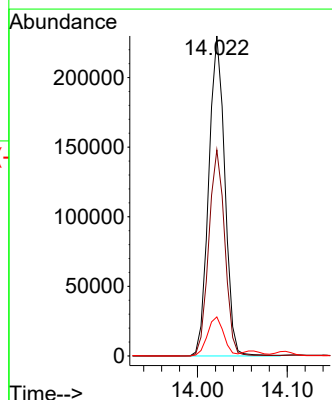
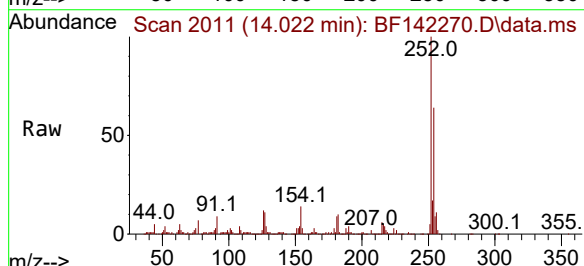
Tgt Ion:252 Resp: 285891

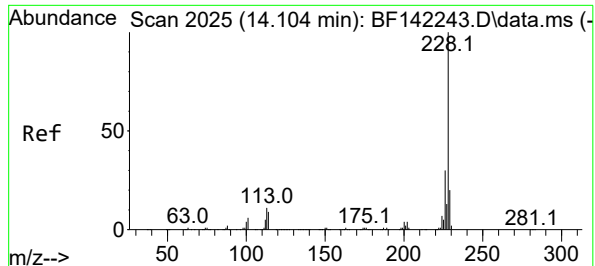
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.6

126 12.2 9.4 14.2





#83

Chrysene

Concen: 45.008 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:228 Resp: 118232

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 20.0 15.7 23.5

Manual Integrations

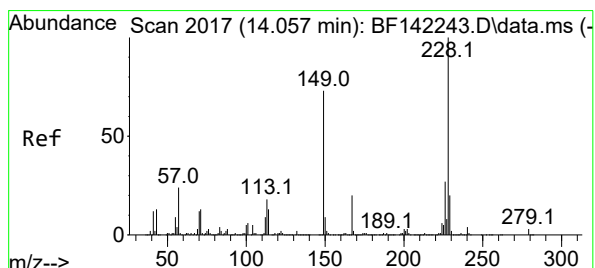
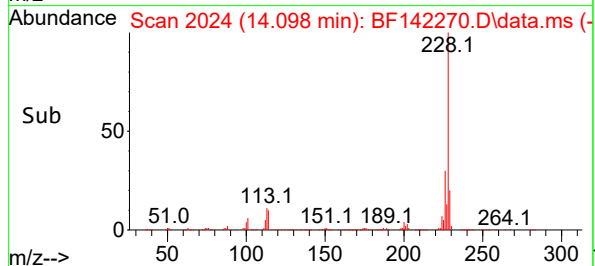
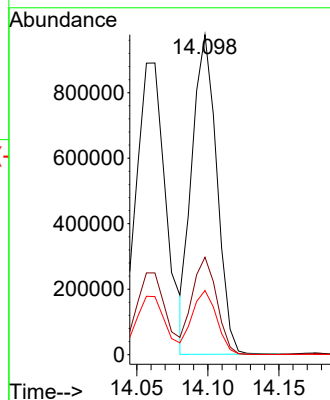
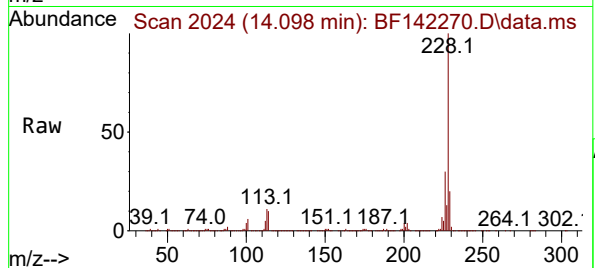
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.320 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

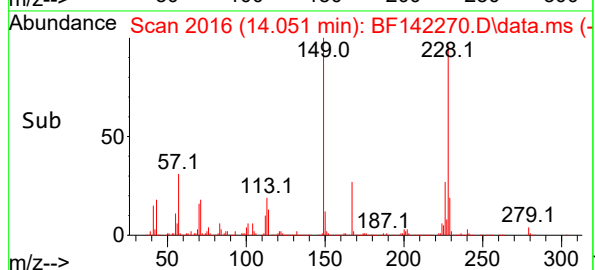
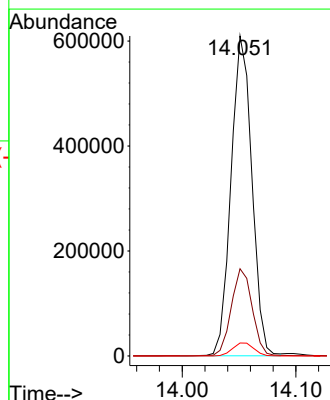
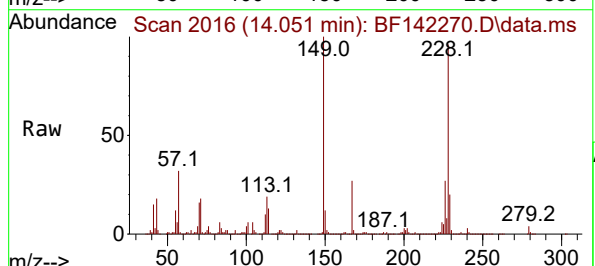
Tgt Ion:149 Resp: 774590

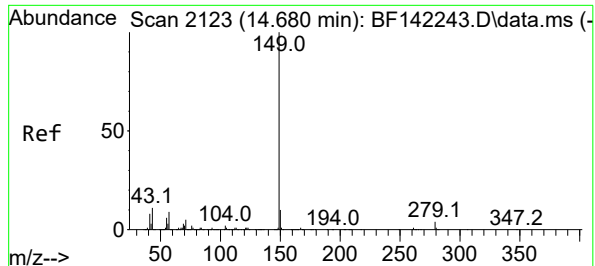
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

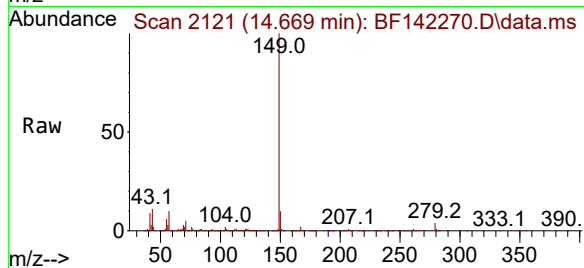
279 4.1 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 52.643 ng
RT: 14.669 min Scan# 2123
Delta R.T. -0.011 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



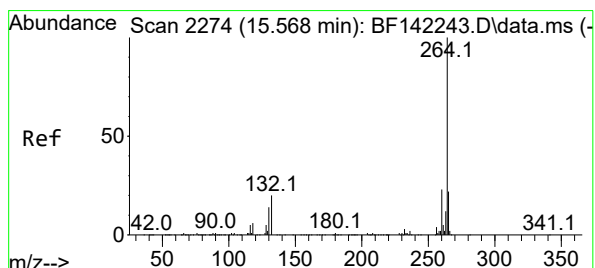
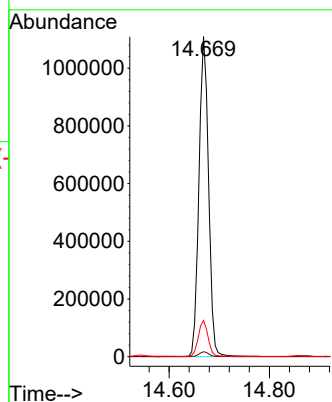
Tgt Ion:149 Resp: 1467740
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.2 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

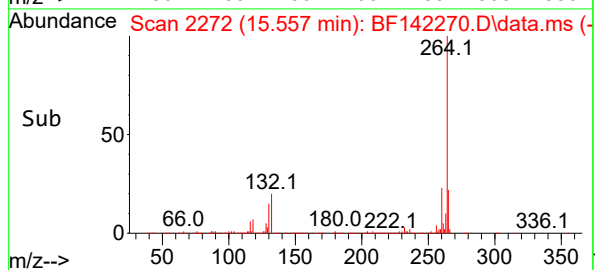
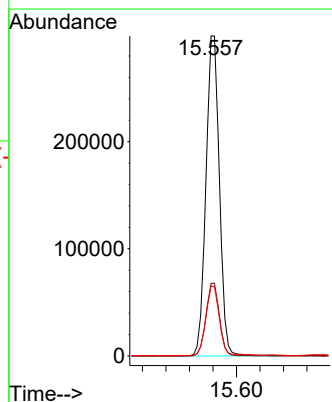
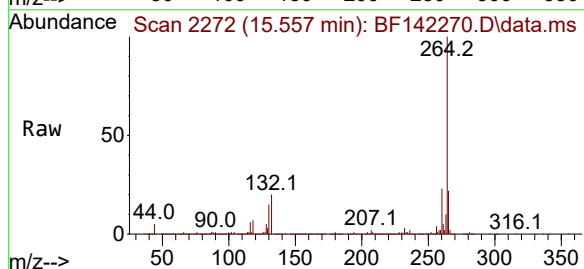
05/02/2025
Supervised By :Jagrut
Upadhyay

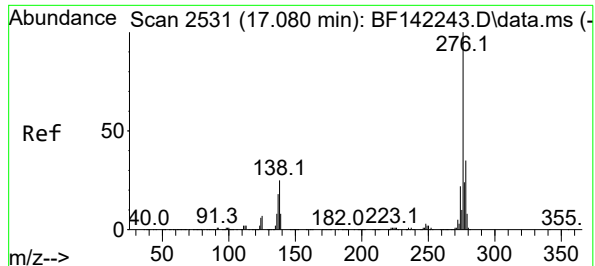
05/02/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:264 Resp: 473333
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.760 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD

Tgt Ion:276 Resp: 113580

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

277 25.5 20.1 30.1

Manual Integrations

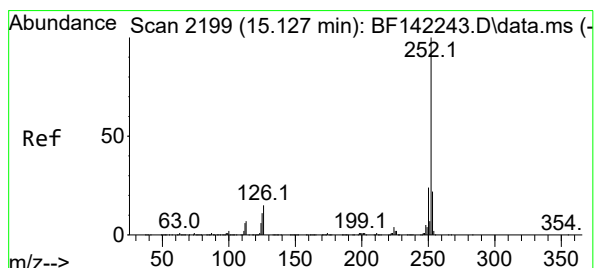
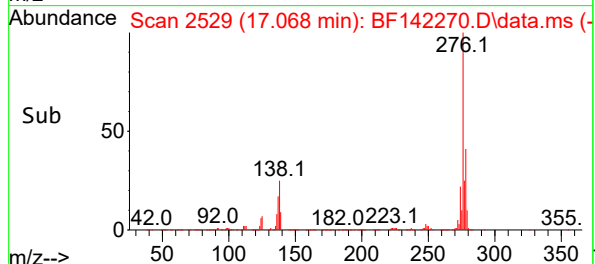
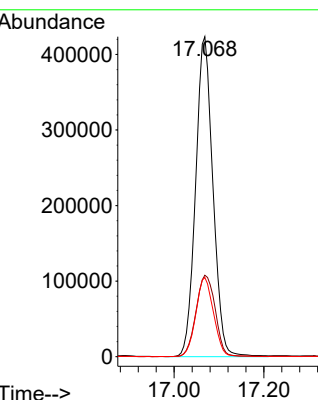
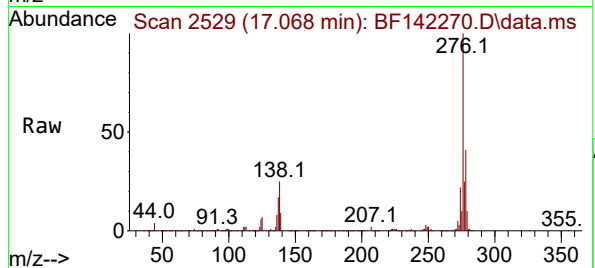
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#88

Benzo(b)fluoranthene

Concen: 48.634 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52

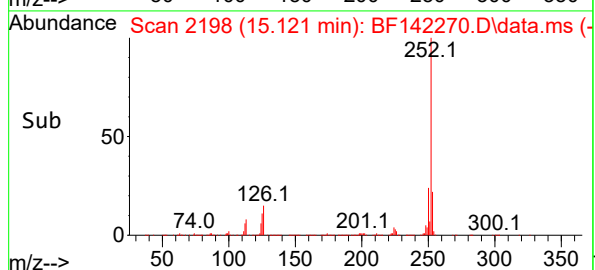
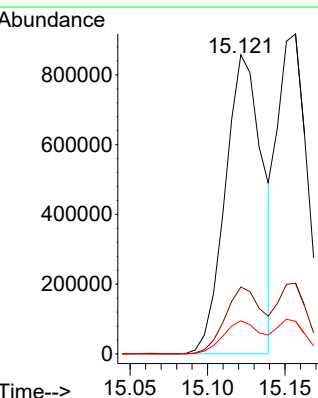
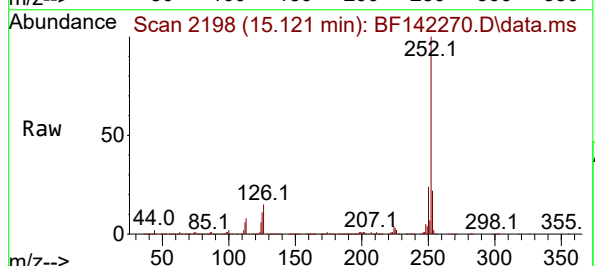
Tgt Ion:252 Resp: 1429910

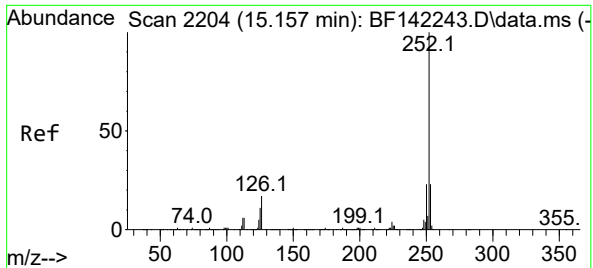
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 11.1 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 45.297 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142270.D

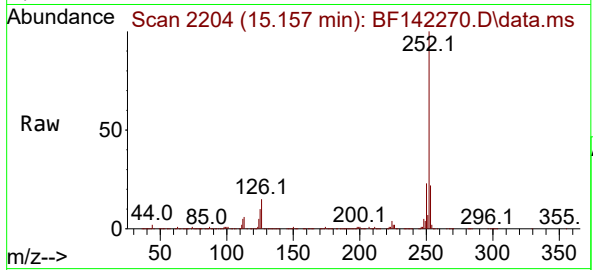
Acq: 01 May 2025 19:52

Instrument :

BNA_F

ClientSampleId :

B-167-SB01MSD



Tgt Ion:252 Resp: 121815

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.2 9.0 13.6

Manual Integrations

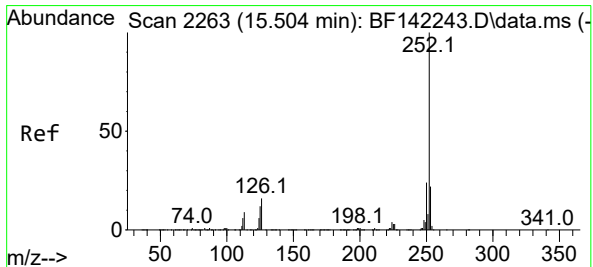
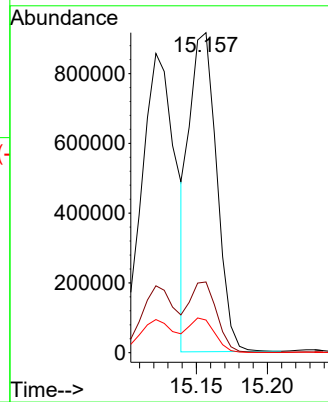
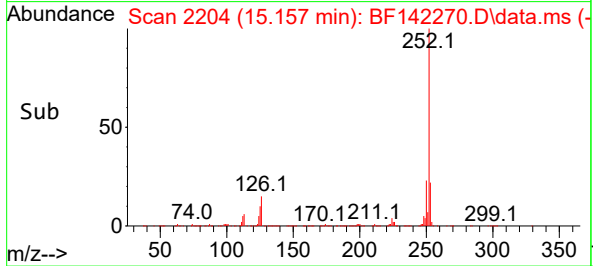
APPROVED

Reviewed By :Rahul
Chavli

05/02/2025

Supervised By :Jagrut
Upadhyay

05/02/2025



#90

Benzo(a)pyrene

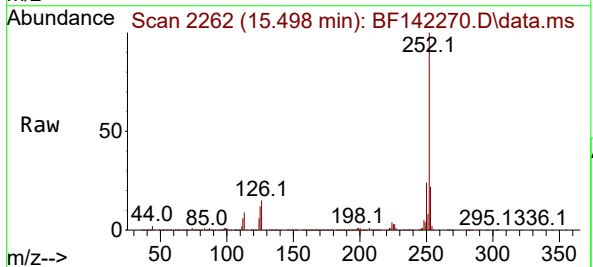
Concen: 46.890 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142270.D

Acq: 01 May 2025 19:52



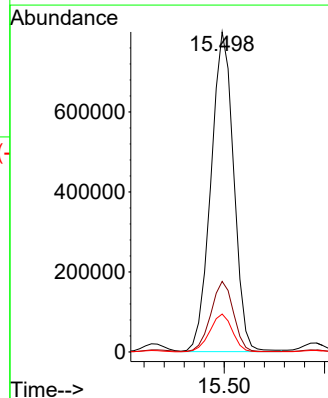
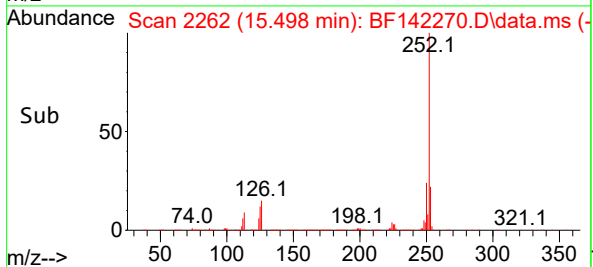
Tgt Ion:252 Resp: 1262185

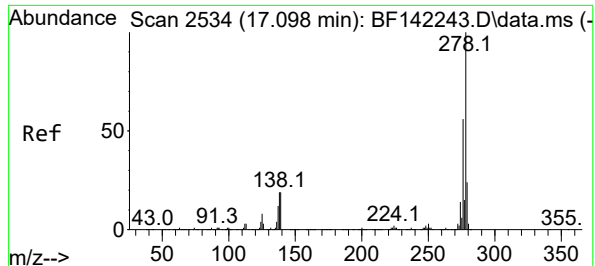
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

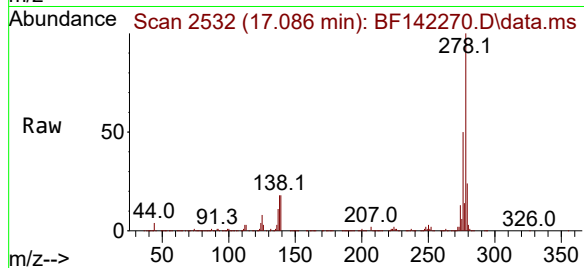
125 11.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 33.147 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Instrument :
BNA_F
ClientSampleId :
B-167-SB01MSD



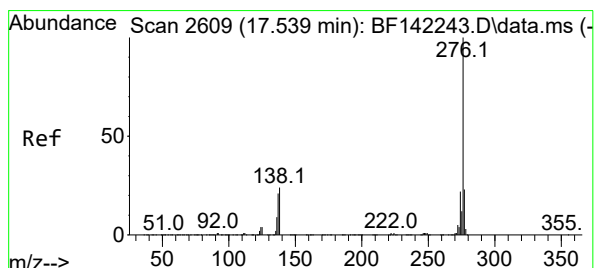
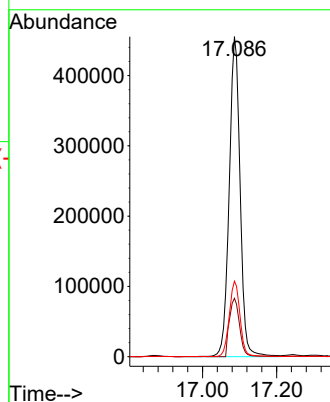
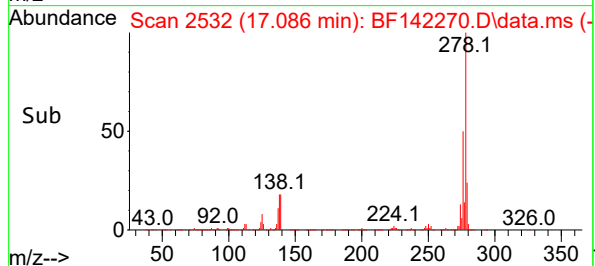
Tgt Ion:278 Resp: 932712
Ion Ratio Lower Upper
278 100
139 18.2 15.2 22.8
279 23.6 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

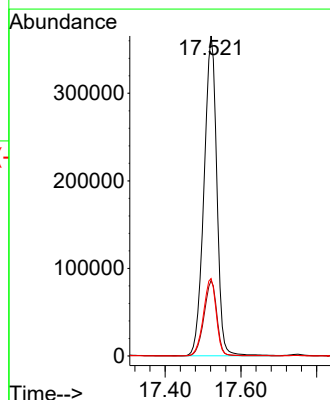
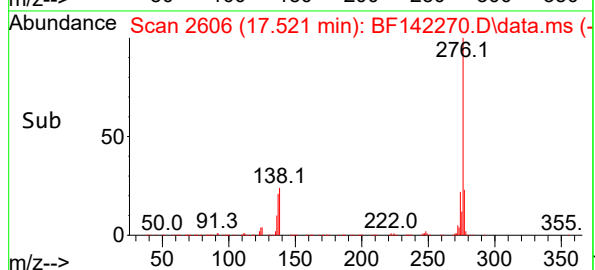
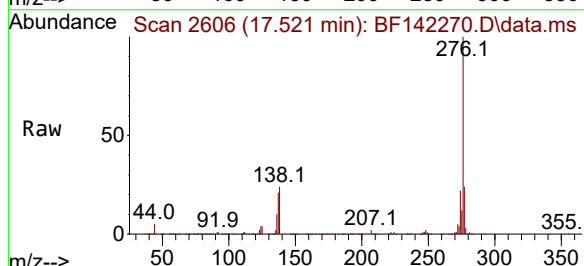
05/02/2025
Supervised By :Jagrut
Upadhyay

05/02/2025



#92
Benzo(g,h,i)perylene
Concen: 30.277 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142270.D
Acq: 01 May 2025 19:52

Tgt Ion:276 Resp: 856464
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 24.2 19.4 29.0



Manual Integration Report

Sequence:

BF043025

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF142240.D	2,3,4,6-Tetrachlorophen ol	Rahul	5/1/2025 11:26:17 AM	Jagrut	5/1/2025 1:17:43 PM	Peak Integrated by Software
SSTDICC020	BF142242.D	Benzoic acid	Rahul	5/1/2025 11:26:23 AM	Jagrut	5/1/2025 1:17:45 PM	Peak Integrated by Software
SSTDICCC040	BF142243.D	Benzoic acid	Rahul	5/1/2025 11:26:25 AM	Jagrut	5/1/2025 1:17:48 PM	Peak Integrated by Software
SSTDICC050	BF142244.D	Phenol	Rahul	5/1/2025 11:26:27 AM	Jagrut	5/1/2025 1:17:50 PM	Peak Integrated by Software
SSTDICC060	BF142245.D	Phenol	Rahul	5/1/2025 11:26:30 AM	Jagrut	5/1/2025 1:17:52 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Benzoic acid	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICC080	BF142246.D	Phenol	Rahul	5/1/2025 11:26:33 AM	Jagrut	5/1/2025 1:17:55 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Benzoic acid	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software
SSTDICV040	BF142247.D	Phenol	Rahul	5/1/2025 11:26:36 AM	Jagrut	5/1/2025 1:17:57 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	bf050125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142250.D	Benzoic acid	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
SSTDCCC040	BF142250.D	Phenol	Rahul	5/2/2025 10:45:14 AM	Jagrut	5/2/2025 4:47:49 PM	Peak Integrated by Software
Q1901-02MS	BF142269.D	Caprolactam	Rahul	5/2/2025 10:45:34 AM	Jagrut	5/2/2025 4:48:05 PM	Peak Integrated by Software
Q1901-02MS	BF142269.D	Phenol	Rahul	5/2/2025 10:45:34 AM	Jagrut	5/2/2025 4:48:05 PM	Peak Integrated by Software
Q1901-02MSD	BF142270.D	Caprolactam	Rahul	5/2/2025 10:45:38 AM	Jagrut	5/2/2025 4:48:13 PM	Peak Integrated by Software
Q1901-02MSD	BF142270.D	Phenol	Rahul	5/2/2025 10:45:38 AM	Jagrut	5/2/2025 4:48:13 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

bm050125

Instrument

BNA_m

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM
SubDirectory	BF043025	HP Acquire Method	BNA_F
		HP Processing Method	BF043025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12661,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142238.D	30 Apr 2025 10:55	RC/JU	Ok
2	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24	RC/JU	Ok
3	SSTDICC005	BF142240.D	30 Apr 2025 11:52	RC/JU	Ok,M
4	SSTDICC010	BF142241.D	30 Apr 2025 12:20	RC/JU	Ok
5	SSTDICC020	BF142242.D	30 Apr 2025 12:49	RC/JU	Ok,M
6	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	RC/JU	Ok,M
7	SSTDICC050	BF142244.D	30 Apr 2025 13:46	RC/JU	Ok,M
8	SSTDICC060	BF142245.D	30 Apr 2025 14:15	RC/JU	Ok,M
9	SSTDICC080	BF142246.D	30 Apr 2025 14:43	RC/JU	Ok,M
10	SSTDICV040	BF142247.D	30 Apr 2025 16:17	RC/JU	Ok,M
11	PB167726BL	BF142248.D	30 Apr 2025 17:15	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM
SubDirectory	BF050125	HP Acquire Method	BNA_F
		HP Processing Method	BF043025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12661,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142249.D	01 May 2025 09:48	RC/JU	Ok
2	SSTDCCC040	BF142250.D	01 May 2025 10:17	RC/JU	Ok,M
3	PB167798BL	BF142251.D	01 May 2025 10:45	RC/JU	Ok
4	PB167798BS	BF142252.D	01 May 2025 11:13	RC/JU	Ok,M
5	PB167798BSD	BF142253.D	01 May 2025 11:42	RC/JU	Ok,M
6	PB167810BL	BF142254.D	01 May 2025 12:10	RC/JU	Ok
7	PB167810BS	BF142255.D	01 May 2025 12:39	RC/JU	Ok,M
8	PB167774TB	BF142256.D	01 May 2025 13:07	RC/JU	Ok
9	Q1890-01	BF142257.D	01 May 2025 13:40	RC/JU	Ok
10	Q1920-01	BF142258.D	01 May 2025 14:09	RC/JU	Ok,M
11	Q1914-14	BF142259.D	01 May 2025 14:37	RC/JU	Ok
12	Q1913-04	BF142260.D	01 May 2025 15:06	RC/JU	Ok
13	Q1915-01	BF142261.D	01 May 2025 15:34	RC/JU	Ok
14	Q1903-01	BF142262.D	01 May 2025 16:03	RC/JU	Ok
15	Q1903-02	BF142263.D	01 May 2025 16:31	RC/JU	Ok
16	Q1903-03	BF142264.D	01 May 2025 17:00	RC/JU	Ok
17	Q1906-01	BF142265.D	01 May 2025 17:29	RC/JU	Ok
18	Q1906-13	BF142266.D	01 May 2025 17:57	RC/JU	Ok
19	Q1901-06	BF142267.D	01 May 2025 18:26	RC/JU	Ok
20	Q1901-02	BF142268.D	01 May 2025 18:55	RC/JU	Ok,M
21	Q1901-02MS	BF142269.D	01 May 2025 19:24	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q1901-02MSD	BF142270.D	01 May 2025 19:52	RC/JU	Ok,M
23	Q1901-04	BF142271.D	01 May 2025 20:20	RC/JU	Ok
24	Q1901-05	BF142272.D	01 May 2025 20:49	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729			
CCC		SP6725			
Internal Standard/PEM		S12661,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM050125

Review By	Rahul	Review On	5/1/2025 3:03:06 PM
Supervise By	Jagrut	Supervise On	5/2/2025 4:57:09 PM
SubDirectory	BM050125	HP Acquire Method	BNA_M
		HP Processing Method	BM042825
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729		
CCC	SP6725		
Internal Standard/PEM	S12662,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050061.D	01 May 2025 12:24	RC/JU	Ok
2	SSTDCCC040	BM050062.D	01 May 2025 13:25	RC/JU	Ok
3	PB167779BL	BM050063.D	01 May 2025 14:04	RC/JU	Ok
4	PB167779BS	BM050064.D	01 May 2025 14:43	RC/JU	Ok
5	Q1900-05	BM050065.D	01 May 2025 15:26	RC/JU	Ok
6	Q1914-01	BM050066.D	01 May 2025 16:05	RC/JU	Ok
7	Q1914-02	BM050067.D	01 May 2025 16:44	RC/JU	Ok
8	Q1905-05	BM050068.D	01 May 2025 17:23	RC/JU	Ok,M
9	Q1900-01	BM050069.D	01 May 2025 18:02	RC/JU	Ok,M
10	Q1906-05	BM050070.D	01 May 2025 18:41	RC/JU	Ok,M
11	Q1914-03	BM050071.D	01 May 2025 19:20	RC/JU	Ok
12	Q1914-05	BM050072.D	01 May 2025 20:00	RC/JU	Ok,M
13	Q1907-01	BM050073.D	01 May 2025 20:39	RC/JU	Dilution
14	Q1901-03	BM050074.D	01 May 2025 21:18	RC/JU	Ok,M
15	Q1900-09	BM050075.D	01 May 2025 21:57	RC/JU	Ok,M
16	Q1905-01	BM050076.D	01 May 2025 22:36	RC/JU	Ok,M
17	Q1906-09	BM050077.D	01 May 2025 23:15	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF043025

Review By	Rahul	Review On	5/1/2025 1:20:20 PM
Supervise By	Jagrut	Supervise On	5/1/2025 1:23:08 PM
SubDirectory	BF043025	HP Acquire Method	BNA_F
		HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142238.D	30 Apr 2025 10:55		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142239.D	30 Apr 2025 11:24		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142240.D	30 Apr 2025 11:52	Compound#32,54,56,65,70,85 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF142241.D	30 Apr 2025 12:20		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142242.D	30 Apr 2025 12:49		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF142243.D	30 Apr 2025 13:17	Compound#32,48,51,53,57,62,65,80,84,85 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF142244.D	30 Apr 2025 13:46	Compound#26,54 Kept on QR	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF142245.D	30 Apr 2025 14:15		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF142246.D	30 Apr 2025 14:43		RC/JU	Ok,M
10	SSTDICV040	ICVBF043025	BF142247.D	30 Apr 2025 16:17		RC/JU	Ok,M
11	PB167726BL	PB167726BL	BF142248.D	30 Apr 2025 17:15		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM
SubDirectory	BF050125	HP Acquire Method	BNA_F
		HP Processing Method	BF043025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142249.D	01 May 2025 09:48		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142250.D	01 May 2025 10:17		RC/JU	Ok,M
3	PB167798BL	PB167798BL	BF142251.D	01 May 2025 10:45		RC/JU	Ok
4	PB167798BS	PB167798BS	BF142252.D	01 May 2025 11:13		RC/JU	Ok,M
5	PB167798BSD	PB167798BSD	BF142253.D	01 May 2025 11:42		RC/JU	Ok,M
6	PB167810BL	PB167810BL	BF142254.D	01 May 2025 12:10		RC/JU	Ok
7	PB167810BS	PB167810BS	BF142255.D	01 May 2025 12:39		RC/JU	Ok,M
8	PB167774TB	PB167774TB	BF142256.D	01 May 2025 13:07		RC/JU	Ok
9	Q1890-01	TW-WTS-07	BF142257.D	01 May 2025 13:40		RC/JU	Ok
10	Q1920-01	291	BF142258.D	01 May 2025 14:09		RC/JU	Ok,M
11	Q1914-14	FB04282025	BF142259.D	01 May 2025 14:37		RC/JU	Ok
12	Q1913-04	WC-13-A-202504	BF142260.D	01 May 2025 15:06		RC/JU	Ok
13	Q1915-01	WC-04282025	BF142261.D	01 May 2025 15:34		RC/JU	Ok
14	Q1903-01	COMP-4	BF142262.D	01 May 2025 16:03		RC/JU	Ok
15	Q1903-02	COMP-5	BF142263.D	01 May 2025 16:31		RC/JU	Ok
16	Q1903-03	COMP-6	BF142264.D	01 May 2025 17:00		RC/JU	Ok
17	Q1906-01	WC-4	BF142265.D	01 May 2025 17:29		RC/JU	Ok
18	Q1906-13	WC-7	BF142266.D	01 May 2025 17:57		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF050125

Review By	Rahul	Review On	5/2/2025 10:46:38 AM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:49:12 PM		
SubDirectory	BF050125	HP Acquire Method	BNA_F	HP Processing Method	BF043025
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729				
CCC	SP6725				
Internal Standard/PEM	S12661,10ul/1000ul sample				
ICV/I.BLK	SP6770				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q1901-06	FB04262025	BF142267.D	01 May 2025 18:26		RC/JU	Ok
20	Q1901-02	B-167-SB01	BF142268.D	01 May 2025 18:55		RC/JU	Ok,M
21	Q1901-02MS	B-167-SB01MS	BF142269.D	01 May 2025 19:24		RC/JU	Ok,M
22	Q1901-02MSD	B-167-SB01MSD	BF142270.D	01 May 2025 19:52		RC/JU	Ok,M
23	Q1901-04	B-167-SB02	BF142271.D	01 May 2025 20:20		RC/JU	Ok
24	Q1901-05	B-170-SB02	BF142272.D	01 May 2025 20:49		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM
SubDirectory	BM042825	HP Acquire Method	BNA_M
		HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-7 7 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM050125

Review By	Rahul	Review On	5/1/2025 3:03:06 PM		
Supervise By	Jagrut	Supervise On	5/2/2025 4:57:09 PM		
SubDirectory	BM050125	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050061.D	01 May 2025 12:24		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050062.D	01 May 2025 13:25		RC/JU	Ok
3	PB167779BL	PB167779BL	BM050063.D	01 May 2025 14:04		RC/JU	Ok
4	PB167779BS	PB167779BS	BM050064.D	01 May 2025 14:43		RC/JU	Ok
5	Q1900-05	WC-2	BM050065.D	01 May 2025 15:26		RC/JU	Ok
6	Q1914-01	SS-1	BM050066.D	01 May 2025 16:05		RC/JU	Ok
7	Q1914-02	SS-91	BM050067.D	01 May 2025 16:44		RC/JU	Ok
8	Q1905-05	MH-H	BM050068.D	01 May 2025 17:23		RC/JU	Ok,M
9	Q1900-01	WC-1	BM050069.D	01 May 2025 18:02		RC/JU	Ok,M
10	Q1906-05	WC-5	BM050070.D	01 May 2025 18:41		RC/JU	Ok,M
11	Q1914-03	SS-2	BM050071.D	01 May 2025 19:20		RC/JU	Ok
12	Q1914-05	SS-4	BM050072.D	01 May 2025 20:00		RC/JU	Ok,M
13	Q1907-01	CO-8R-WC	BM050073.D	01 May 2025 20:39	Need further 5X Dilution	RC/JU	Dilution
14	Q1901-03	B-170-SB01	BM050074.D	01 May 2025 21:18		RC/JU	Ok,M
15	Q1900-09	WC-3	BM050075.D	01 May 2025 21:57		RC/JU	Ok,M
16	Q1905-01	MH-G	BM050076.D	01 May 2025 22:36		RC/JU	Ok,M
17	Q1906-09	WC-6	BM050077.D	01 May 2025 23:15	Need Straight Run	RC/JU	Not Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1872-24	HW0425-PT-SOL-SOIL	8	0.92	10.30	11.22	8.82	76.7	
Q1901-01	B-170-SB00	1	1.14	5.55	6.69	6.28	92.6	
Q1901-02	B-167-SB01	2	1.14	10.22	11.36	9.58	82.6	
Q1901-03	B-170-SB01	3	1.19	10.31	11.5	9.75	83.0	
Q1901-04	B-167-SB02	4	1.15	9.78	10.93	6.35	53.2	
Q1901-05	B-170-SB02	5	1.14	10.16	11.3	8.77	75.1	
Q1902-01	343	6	1.19	10.23	11.42	10.7	93.0	
Q1902-02	343	7	1.13	10.19	11.32	10.33	90.3	
Q1903-01	COMP-4	9	1.18	11.14	12.32	10.46	83.3	
Q1903-02	COMP-5	10	1.16	10.50	11.66	9.44	78.9	
Q1903-03	COMP-6	11	1.17	10.60	11.77	10.06	83.9	
Q1904-01	VNJ-210	12	1.19	10.39	11.58	10.6	90.6	
Q1905-01	MH-G	13	1.15	10.35	11.5	10.38	89.2	
Q1905-02	MH-G-EPH	14	1.16	9.65	10.81	9.71	88.6	
Q1905-03	MH-G-VOC	15	1.16	10.33	11.49	10.36	89.1	
Q1905-05	MH-H	16	1.12	10.03	11.15	10.5	93.5	
Q1905-06	MH-H-EPH	17	1.13	10.30	11.43	10.5	91.0	
Q1905-07	MH-H-VOC	18	1.12	10.03	11.15	10.01	88.6	
Q1906-01	WC-4	19	1.15	9.85	11.00	10.14	91.3	
Q1906-02	WC-4-EPH	20	1.16	9.97	11.13	10.17	90.4	
Q1906-03	WC-4-VOC	21	1.18	9.99	11.17	9.91	87.4	
Q1906-05	WC-5	22	1.16	10.82	11.98	10.19	83.5	
Q1906-06	WC-5-EPH	23	1.13	10.41	11.54	9.94	84.6	
Q1906-07	WC-5-VOC	24	1.18	10.47	11.65	11.63	99.8	
Q1906-09	WC-6	25	1.14	10.04	11.18	10.4	92.2	
Q1906-10	WC-6-EPH	26	1.15	10.77	11.92	10.23	84.3	
Q1906-11	WC-6-VOC	27	1.14	10.47	11.61	10.86	92.8	
Q1906-13	WC-7	28	1.14	10.85	11.99	10.31	84.5	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1906-14	WC-7-EPH	29	1.12	9.86	10.98	9.7	87.0	
Q1906-15	WC-7-VOC	30	1.13	10.27	11.4	10.23	88.6	
Q1907-01	CO-8R-WC	31	1.13	10.26	11.39	9.81	84.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-24	HW0425-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	04/21/2025	Chemtech -SO
Q1903-01	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-02	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-03	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1901-01	B-170-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-02	B-167-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-03	B-170-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-04	B-167-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-05	B-170-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1902-01	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1902-02	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1904-01	VNJ-210	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-13	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-14	WC-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-15	WC-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-06	WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-07	WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

Handwritten signature

WorkList Name : %1-042825 WorkList ID : 189159 Department : Wet-Chemistry Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1906-09	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-10	WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-11	WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-01	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-02	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-03	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1907-01	CO-8R-WC	Solid	Percent Solids	Cool 4 deg C	WALS01	L51	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 04/29/2025

Extraction Start Time : 09:30

Extraction End Date : 04/29/2025

Extraction End Time : 12:30

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	EP2865
Methylene Chloride	N/A	E3926
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

KD Bath Temperature: N/A

Envap ID: NEVAP-02

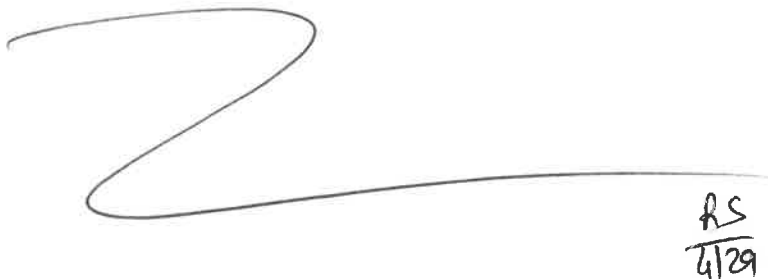
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/29/25	RS (EQ Lab)	RC/SWC
12:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/29/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167779BL	SBLK779	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB167779BS	SLCS779	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1900-01	WC-1	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		3
Q1900-05	WC-2	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q1900-09	WC-3	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		5
Q1901-02	B-167-SB01	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	F		6
Q1901-02MS	B-167-SB01MS	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	F		U2-1
Q1901-02MS D	B-167-SB01MSD	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	F		2
Q1901-03	B-170-SB01	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		3
Q1901-04	B-167-SB02	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		4
Q1901-05	B-170-SB02	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		5
Q1902-02	343	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	D		6
Q1903-01	COMP-4	SVOCMS Group1	30.04	N/A	ritesh	Evelyn	1	E		U3-1
Q1903-02	COMP-5	SVOCMS Group1	30.02	N/A	ritesh	Evelyn	1	E		2
Q1903-03	COMP-6	SVOCMS Group1	30.03	N/A	ritesh	Evelyn	1	E		3
Q1904-01	VNJ-210	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	H		4
Q1905-01	MH-G	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	D		5
Q1905-05	MH-H	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	D		6
Q1906-01	WC-4	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	D		U6-1
Q1906-05	WC-5	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	D		2
Q1906-09	WC-6	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	D		3
Q1906-13	WC-7	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	D		4



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1903 WorkList ID : 189200 Department : Extraction Date : 04-29-2025 08:40:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1900-01	WC-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/25/2025	8270E
Q1900-05	WC-2	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/25/2025	8270E
Q1900-09	WC-3	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/25/2025	8270E
Q1901-02	B-167-SB01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E
Q1901-03	B-170-SB01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E
Q1901-04	B-167-SB02	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E
Q1901-05	B-170-SB02	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	L51	04/26/2025	8270E
Q1902-02	343	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E
Q1903-01	COMP-4	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8270E
Q1903-02	COMP-5	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8270E
Q1903-03	COMP-6	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	L51	04/25/2025	8270E
Q1904-01	VNJ-210	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E
Q1905-01	MH-G	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L51	04/28/2025	8270E
Q1905-05	MH-H	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L51	04/28/2025	8270E
Q1906-01	WC-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E
Q1906-05	WC-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E
Q1906-09	WC-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E
Q1906-13	WC-7	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	04/28/2025	8270E

Date/Time 04/29/25 9:25
 Raw Sample Received by: R3 LTT-(ab)
 Raw Sample Relinquished by: CP

Date/Time 04/29/25 10:00
 Raw Sample Received by: CP
 Raw Sample Relinquished by: R3 LTT-(ab)



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1903

COC Number:

CLIENT INFORMATION

COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd Suite 3800
CITY: Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

PROJECT INFORMATION

PROJECT NAME: Mitchell School
PROJECT #: 27005164.001A LOCATION: Philadelphia
PROJECT MANAGER: Mark Warchol
E-MAIL: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS: Same
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: 5 DAYS*
EDD: 5 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☒ Other Level 2 (Results + QC)
☐ EDD Format

ANALYSIS

BADEP Historic Clean Fall	Hold								
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E								
1.	COMP-4	Soil	✓		4/25/25	9:25	4	✓									
2.	COMP-5		↓			10:05	↓	↓									
3.	COMP-6		↓			10:30	↓	↓									
4.	SB-13			✓		9:00	↓	✓									
5.	SB-14			↓		9:05	↓	↓									
6.	SB-15			↓		9:15	↓	↓									
7.	SB-16			↓		9:20	↓	↓									
8.	SB-17			↓		9:35	↓	↓									
9.	SB-18			↓		9:45	↓	↓									
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY.

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 13.7 MeOH extraction requires an additional 4oz. Jar for percent solid Comments: Hold grab samples SB-13 through SB-18 "Adjust Factor + 1" It's done!
1. [Signature]	4/25/25 12:45	1. [Signature]	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
2. [Signature]	4-28-25 10:50	2. [Signature]	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3. [Signature]		3. [Signature]	

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER**Order ID :** Q1903 POWE02**Order Date :** 4/28/2025 11:30:00 AM**Project Mgr :****Client Name :** Kleinfelder**Project Name :** Mitchell School**Report Type :** Results+QC**Client Contact :** Mark Warchol**Receive DateTime :** 4/28/2025 10:56:00 AM**EDD Type :** EXCEL NOCLEANUP**Invoice Name :** Kleinfelder**Purchase Order :****Hard Copy Date :****Invoice Contact :** Mark Warchol**Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1903-01	COMP-4	Solid	04/25/2025	09:25					
					VOCMS Group1		8260D	5 Bus. Days	
Q1903-02	COMP-5	Solid	04/25/2025	10:05					
					VOCMS Group1		8260D	5 Bus. Days	
Q1903-03	COMP-6	Solid	04/25/2025	10:30					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By : CR**Date / Time :** 4/28/25 11:47**Received By :** JC**Date / Time :** 4/28/25 1147**Storage Area :** VOA Refridgerator Room