

Cover Page

Order ID : Q2664

Project ID : Nelson

Client : G Environmental

Lab Sample Number

Q2664-01

Client Sample Number

GDW3

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: 7/31/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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CASE NARRATIVE

G Environmental

Project Name: Nelson

Project # N/A

Order ID # Q2664

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

1 Water sample was received on 07/21/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group2. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group2 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The Blank analysis did not indicate the presence of lab contamination.

The Blank Spike for {PB168971BS} with File ID: BF143271.D met requirements for all samples except for Butylbenzylphthalate[113%] . Recovery failed high side and no hit for this compound in associated samples , There for no further corrective action was taken.

The Blank Spike Duplicate for {PB168971BSD} with File ID: BF143272.D met requirements for all samples except for Butylbenzylphthalate[112%] . Recovery failed high side and no hit for this compound in associated samples , There for no further corrective action was taken.

The % RSD is greater than 20% in the Initial Calibration (8270-BM070925.M) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol these compounds are passing on Linear Regression.



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The Continuous Calibration File ID BM050488.D met the requirements except for Butylbenzylphthalate, Caprolactam and Di-n-octyl phthalate. Compounds failed high side and associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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 #: Q2664

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: 07/31/2025

LAB CHRONICLE

OrderID:	Q2664	OrderDate:	7/21/2025 2:32:00 PM
Client:	G Environmental	Project:	Nelson
Contact:	Gary Landis	Location:	O33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2664-01	GDW3	Water	SVOCMS Group2	8270E	07/21/25	07/23/25	07/23/25	07/21/25



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Hit Summary Sheet SW-846

SDG No.: Q2664
Client: G Environmental

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GDW3						
Q2664-01	GDW3	WATER 2-Pentanone, 4-hydroxy-4-methyl *	3.800	AB	0	0	ug/L
Q2664-01	GDW3	WATER Butane, 2-methoxy-2-methyl- *	92.900	J	0	0	ug/L
Q2664-01	GDW3	WATER Dodecanoic acid *	3.200	J	0	0	ug/L
Q2664-01	GDW3	WATER n-Hexadecanoic acid *	3.900	J	0	0	ug/L
Q2664-01	GDW3	WATER Octadecanoic acid *	3.100	J	0	0	ug/L
Total Tics :			106.90				
Total Concentration:			106.90				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q2664

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB168971BL	PB168971BL	Nitrobenzene-d5	100	77.6	78		67	132
		2-Fluorobiphenyl	100	75.5	76		52	132
		Terphenyl-d14	100	80.4	80		42	152
PB168971BS	PB168971BS	Nitrobenzene-d5	100	74.9	75		67	132
		2-Fluorobiphenyl	100	72.7	73		52	132
		Terphenyl-d14	100	75.8	76		42	152
PB168971BSD	PB168971BSD	Nitrobenzene-d5	100	78.3	78		67	132
		2-Fluorobiphenyl	100	75.0	75		52	132
		Terphenyl-d14	100	79.9	80		42	152
Q2664-01	GDW3	Nitrobenzene-d5	100	89.3	89		67	132
		2-Fluorobiphenyl	100	87.8	88		52	132
		Terphenyl-d14	100	74.4	74		42	152

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2664

Analytical Method: 8270E

Client: G Environmental

DataFile: BF143271.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168971BS	Benzaldehyde	50	29.7	ug/L	59				10	162	
	bis(2-Chloroethyl)ether	50	40.4	ug/L	81				62	103	
	2,2-oxybis(1-Chloropropane)	50	39.2	ug/L	78				65	100	
	Acetophenone	50	41.0	ug/L	82				60	104	
	N-Nitroso-di-n-propylamine	50	40.6	ug/L	81				57	107	
	Hexachloroethane	50	43.3	ug/L	87				76	118	
	Nitrobenzene	50	42.7	ug/L	85				58	106	
	Isophorone	50	41.3	ug/L	83				61	102	
	bis(2-Chloroethoxy)methane	50	40.9	ug/L	82				58	109	
	Naphthalene	50	41.9	ug/L	84				64	107	
	4-Chloroaniline	50	21.6	ug/L	43				10	85	
	Hexachlorobutadiene	50	42.6	ug/L	85				69	101	
	Caprolactam	50	48.7	ug/L	97				58	128	
	2-Methylnaphthalene	50	42.5	ug/L	85				64	107	
	Hexachlorocyclopentadiene	100	79.0	ug/L	79				36	160	
	1,1-Biphenyl	50	42.4	ug/L	85				72	98	
	2-Chloronaphthalene	50	41.9	ug/L	84				59	106	
	2-Nitroaniline	50	47.3	ug/L	95				73	114	
	Dimethylphthalate	50	44.9	ug/L	90				64	103	
	Acenaphthylene	50	42.6	ug/L	85				79	103	
	2,6-Dinitrotoluene	50	48.9	ug/L	98				64	110	
	3-Nitroaniline	50	31.8	ug/L	64				28	100	
	Acenaphthene	50	47.6	ug/L	95				59	113	
	Dibenzofuran	50	42.1	ug/L	84				65	106	
	2,4-Dinitrotoluene	50	53.1	ug/L	106				60	115	
	Diethylphthalate	50	45.7	ug/L	91				63	105	
	4-Chlorophenyl-phenylether	50	43.5	ug/L	87				61	104	
	Fluorene	50	43.8	ug/L	88				64	107	
	4-Nitroaniline	50	51.1	ug/L	102				55	125	
	N-Nitrosodiphenylamine	50	40.2	ug/L	80				61	109	
	4-Bromophenyl-phenylether	50	41.6	ug/L	83				73	103	
	Hexachlorobenzene	50	41.5	ug/L	83				73	106	
	Atrazine	50	47.9	ug/L	96				76	120	
	Phenanthrene	50	42.5	ug/L	85				62	109	
	Anthracene	50	42.2	ug/L	84				65	110	
	Carbazole	50	44.5	ug/L	89				62	106	
	Di-n-butylphthalate	50	47.5	ug/L	95				64	106	
	Fluoranthene	50	48.2	ug/L	96				64	110	
	Pyrene	50	44.1	ug/L	88				71	103	
	Butylbenzylphthalate	50	56.6	ug/L	113		*		61	105	
	3,3-Dichlorobenzidine	50	25.8	ug/L	52				43	108	
	Benzo(a)anthracene	50	44.2	ug/L	88				62	107	
	Chrysene	50	43.3	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50	48.0	ug/L	96				59	110	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2664

Analytical Method: 8270E

Client: G Environmental

DataFile: BF143271.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168971BS	Di-n-octyl phthalate	50	41.1	ug/L	82				52	139	
	Benzo(b)fluoranthene	50	44.8	ug/L	90				77	113	
	Benzo(k)fluoranthene	50	50.0	ug/L	100				77	105	
	Benzo(a)pyrene	50	46.3	ug/L	93				72	131	
	Indeno(1,2,3-cd)pyrene	50	43.6	ug/L	87				72	105	
	Dibenz(a,h)anthracene	50	43.7	ug/L	87				78	115	
	Benzo(g,h,i)perylene	50	43.7	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.7	ug/L	83				72	101	
	1,4-Dioxane	50	32.5	ug/L	65				38	125	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2664

Analytical Method: 8270E

Client: G Environmental

DataFile: BF143272.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168971BSD	Benzaldehyde	50	30.1	ug/L	60	1			10	162	20
	bis(2-Chloroethyl)ether	50	40.9	ug/L	82	1			62	103	20
	2,2-oxybis(1-Chloropropane)	50	39.4	ug/L	79	1			65	100	20
	Acetophenone	50	41.7	ug/L	83	2			60	104	20
	N-Nitroso-di-n-propylamine	50	40.8	ug/L	82	0			57	107	20
	Hexachloroethane	50	43.8	ug/L	88	1			76	118	20
	Nitrobenzene	50	43.0	ug/L	86	1			58	106	20
	Isophorone	50	41.4	ug/L	83	0			61	102	20
	bis(2-Chloroethoxy)methane	50	41.2	ug/L	82	1			58	109	20
	Naphthalene	50	42.6	ug/L	85	2			64	107	20
	4-Chloroaniline	50	19.5	ug/L	39	10			10	85	20
	Hexachlorobutadiene	50	43.8	ug/L	88	3			69	101	20
	Caprolactam	50	48.1	ug/L	96	1			58	128	20
	2-Methylnaphthalene	50	42.8	ug/L	86	1			64	107	20
	Hexachlorocyclopentadiene	100	79.5	ug/L	80	1			36	160	20
	1,1-Biphenyl	50	42.6	ug/L	85	0			72	98	20
	2-Chloronaphthalene	50	42.4	ug/L	85	1			59	106	20
	2-Nitroaniline	50	47.1	ug/L	94	0			73	114	20
	Dimethylphthalate	50	44.4	ug/L	89	1			64	103	20
	Acenaphthylene	50	42.4	ug/L	85	0			79	103	20
	2,6-Dinitrotoluene	50	48.3	ug/L	97	1			64	110	20
	3-Nitroaniline	50	29.8	ug/L	60	6			28	100	20
	Acenaphthene	50	47.9	ug/L	96	1			59	113	20
	Dibenzofuran	50	41.6	ug/L	83	1			65	106	20
	2,4-Dinitrotoluene	50	51.6	ug/L	103	3			60	115	20
	Diethylphthalate	50	45.1	ug/L	90	1			63	105	20
	4-Chlorophenyl-phenylether	50	43.4	ug/L	87	0			61	104	20
	Fluorene	50	43.6	ug/L	87	0			64	107	20
	4-Nitroaniline	50	48.1	ug/L	96	6			55	125	20
	N-Nitrosodiphenylamine	50	41.3	ug/L	83	3			61	109	20
	4-Bromophenyl-phenylether	50	42.3	ug/L	85	2			73	103	20
	Hexachlorobenzene	50	42.3	ug/L	85	2			73	106	20
	Atrazine	50	48.0	ug/L	96	0			76	120	20
	Phenanthrene	50	42.8	ug/L	86	1			62	109	20
	Anthracene	50	42.8	ug/L	86	1			65	110	20
	Carbazole	50	44.4	ug/L	89	0			62	106	20
	Di-n-butylphthalate	50	46.7	ug/L	93	2			64	106	20
	Fluoranthene	50	46.0	ug/L	92	5			64	110	20
	Pyrene	50	44.8	ug/L	90	2			71	103	20
	Butylbenzylphthalate	50	55.8	ug/L	112	1	*		61	105	20
	3,3-Dichlorobenzidine	50	27.2	ug/L	54	5			43	108	20
	Benzo(a)anthracene	50	45.1	ug/L	90	2			62	107	20
	Chrysene	50	43.0	ug/L	86	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	48.5	ug/L	97	1			59	110	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2664

Analytical Method: 8270E

Client: G Environmental

DataFile: BF143272.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168971BSD	Di-n-octyl phthalate	50	43.3	ug/L	87	5			52	139	20
	Benzo(b)fluoranthene	50	43.9	ug/L	88	2			77	113	20
	Benzo(k)fluoranthene	50	47.6	ug/L	95	5			77	105	20
	Benzo(a)pyrene	50	45.1	ug/L	90	3			72	131	20
	Indeno(1,2,3-cd)pyrene	50	44.1	ug/L	88	1			72	105	20
	Dibenz(a,h)anthracene	50	44.0	ug/L	88	1			78	115	20
	Benzo(g,h,i)perylene	50	44.3	ug/L	89	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	42.1	ug/L	84	1			72	101	20
	1,4-Dioxane	50	32.2	ug/L	64	1			38	125	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB168971BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q2664

Lab File ID: BF143270.D

Lab Sample ID: PB168971BL

Instrument ID: BNA_F

Date Extracted: 07/23/2025

Matrix: (soil/water) Water

Date Analyzed: 07/30/2025

Level: (low/med) LOW

Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168971BS	PB168971BS	BF143271.D	07/30/2025
PB168971BSD	PB168971BSD	BF143272.D	07/30/2025
GDW3	Q2664-01	BM050493.D	07/23/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143138.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q2664
DFTPP Injection Date: 07/17/2025
DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	27.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BF143140.D	07/17/2025	11:04
SSTDICC005	SSTDICC005	BF143141.D	07/17/2025	11:34
SSTDICC010	SSTDICC010	BF143142.D	07/17/2025	12:04
SSTDICC020	SSTDICC020	BF143143.D	07/17/2025	12:34
SSTDICCC040	SSTDICCC040	BF143144.D	07/17/2025	13:03
SSTDICC050	SSTDICC050	BF143145.D	07/17/2025	13:33
SSTDICC060	SSTDICC060	BF143146.D	07/17/2025	14:04
SSTDICC080	SSTDICC080	BF143147.D	07/17/2025	14:34



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143268.D
Instrument ID: BNA_F

Contract: GENV01
SDG NO.: Q2664
DFTPP Injection Date: 07/30/2025
DFTPP Injection Time: 14:53

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	28.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.1
365	Greater than 1% of mass 198	2.9
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	19.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143269.D	07/30/2025	15:22
PB168971BL	PB168971BL	BF143270.D	07/30/2025	15:52
PB168971BS	PB168971BS	BF143271.D	07/30/2025	16:22
PB168971BSD	PB168971BSD	BF143272.D	07/30/2025	16:51



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BM050376.D
Instrument ID: BNA_M

Contract: GENV01
SDG NO.: Q2664
DFTPP Injection Date: 07/08/2025
DFTPP Injection Time: 11:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	66.5
443	15.0 - 24.0% of mass 442	12.9 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BM050377.D	07/08/2025	12:39
SSTDICC005	SSTDICC005	BM050378.D	07/08/2025	13:19
SSTDICC010	SSTDICC010	BM050379.D	07/08/2025	14:00
SSTDICC020	SSTDICC020	BM050380.D	07/08/2025	14:40
SSTDICCC040	SSTDICCC040	BM050381.D	07/08/2025	15:20
SSTDICC050	SSTDICC050	BM050382.D	07/08/2025	16:01
SSTDICC060	SSTDICC060	BM050383.D	07/08/2025	16:41
SSTDICC080	SSTDICC080	BM050384.D	07/08/2025	17:22



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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BM050487.D
Instrument ID: BNA_M

Contract: GENV01
SDG NO.: Q2664
DFTPP Injection Date: 07/23/2025
DFTPP Injection Time: 12:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	28.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	74.6
443	15.0 - 24.0% of mass 442	14.8 (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
SSTDCCC040	SSTDCCC040	BM050488.D	07/23/2025	13:14
GDW3	Q2664-01	BM050493.D	07/23/2025	16:57

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2664

Client ID : SSTDCCC040

Date Analyzed: 07/30/2025

Lab File ID: BF143269.D

Time Analyzed: 15:22

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	110548	6.963	425847	8.25	214991	10.00
UPPER LIMIT	221096	7.463	851694	8.745	429982	10.504
LOWER LIMIT	55274	6.463	212924	7.745	107496	9.504
EPA SAMPLE NO.						
01 PB168971BL	102425	6.96	398799	8.24	212310	10.00
02 PB168971BS	110955	6.96	433977	8.25	229633	10.00
03 PB168971BSD	104468	6.96	406759	8.25	215723	10.00

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2664

Client ID: SSTDCCC040

Date Analyzed: 07/30/2025

Lab File ID: BF143269.D

Time Analyzed: 15:22

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	356537	11.486	214084	14.127	240904	15.633
UPPER LIMIT	713074	11.986	428168	14.627	481808	16.133
LOWER LIMIT	178269	10.986	107042	13.627	120452	15.133
EPA SAMPLE NO.						
01 PB168971BL	372104	11.49	214586	14.12	214112	15.63
02 PB168971BS	407884	11.49	252100	14.13	223360	15.63
03 PB168971BSD	365952	11.49	212987	14.13	212260	15.63

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2664

Client ID : SSTDCCC040

Date Analyzed: 07/23/2025

Lab File ID: BM050488.D

Time Analyzed: 13:14

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	538986	7.845	2095880	10.65	1417300	14.48
UPPER LIMIT	1077970	8.345	4191760	11.145	2834600	14.98
LOWER LIMIT	269493	7.345	1047940	10.145	708650	13.98
EPA SAMPLE NO.						
01 GDW3	754110	7.85	2702600	10.64	1716080	14.47

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q2664

Client ID: SSTDCCC040

Date Analyzed: 07/23/2025

Lab File ID: BM050488.D

Time Analyzed: 13:14

Instrument ID: BNA_M

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

01

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2849650	17.215	2992560	21.444	3273800	24.474
UPPER LIMIT	5699300	17.715	5985120	21.944	6547600	24.974
LOWER LIMIT	1424830	16.715	1496280	20.944	1636900	23.974
EPA SAMPLE NO.						
GDW3	3357460	17.21	3117070	21.44	3289270	24.47

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	07/21/25
Project:	Nelson	Date Received:	07/21/25
Client Sample ID:	GDW3	SDG No.:	Q2664
Lab Sample ID:	Q2664-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050493.D	1	07/23/25 09:00	07/23/25 16:57	PB168971

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

Report of Analysis

Client:	G Environmental		Date Collected:	07/21/25	
Project:	Nelson		Date Received:	07/21/25	
Client Sample ID:	GDW3		SDG No.:	Q2664	
Lab Sample ID:	Q2664-01		Matrix:	Water	
Analytical Method:	8270E		% Solid:	0	
Sample Wt/Vol:	980	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050493.D	1	07/23/25 09:00	07/23/25 16:57	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	UQ	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	89.3		67 - 132	89%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.8		52 - 132	88%	SPK: 100
1718-51-0	Terphenyl-d14	74.4		42 - 152	74%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	754000	7.845			

Report of Analysis

Client:	G Environmental	Date Collected:	07/21/25
Project:	Nelson	Date Received:	07/21/25
Client Sample ID:	GDW3	SDG No.:	Q2664
Lab Sample ID:	Q2664-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group2
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050493.D	1	07/23/25 09:00	07/23/25 16:57	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	2700000	10.639			
15067-26-2	Acenaphthene-d10	1720000	14.474			
1517-22-2	Phenanthrene-d10	3360000	17.21			
1719-03-5	Chrysene-d12	3120000	21.439			
1520-96-3	Perylene-d12	3290000	24.468			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	92.9	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.80	AB		4.96	ug/L
000143-07-7	Dodecanoic acid	3.20	J		14.9	ug/L
000057-10-3	n-Hexadecanoic acid	3.90	J		18.1	ug/L
000057-11-4	Octadecanoic acid	3.10	J		19.4	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050493.D
 Acq On : 23 Jul 2025 16:57
 Operator : RC/JU
 Sample : Q2664-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GDW3

Quant Time: Jul 23 17:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	754110	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	2702597	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1716082	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	3357460	20.000	ng	0.00
76) Chrysene-d12	21.439	240	3117073	20.000	ng	0.00
86) Perylene-d12	24.468	264	3289265	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3154961	72.015	ng	0.00
7) Phenol-d6	7.010	99	2490615	45.098	ng	0.00
23) Nitrobenzene-d5	8.998	82	4732461	89.337	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	3623547	173.787	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	12195050	87.758	ng	0.00
79) Terphenyl-d14	19.821	244	13186934	74.435	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.734	79	5729	0.121	ng	# 48
4) n-Nitrosodimethylamine	3.622	42	1207	0.055	ng	# 1
6) Aniline	7.163	93	764	0.011	ng	# 48
8) 2-Chlorophenol	7.316	128	712	0.015	ng	81
9) Benzaldehyde	6.981	77	20051	0.610	ng	91
10) Phenol	7.040	94	8116	0.141	ng	# 53
11) bis(2-Chloroethyl)ether	7.251	93	118	0.003	ng	# 46
12) 1,3-Dichlorobenzene	7.934	146	55	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.934	146	55	0.001	ng	# 25
14) 1,2-Dichlorobenzene	8.310	146	55	0.001	ng	# 26
15) Benzyl Alcohol	8.087	79	6239	0.160	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.375	45	128	0.002	ng	# 1
17) 2-Methylphenol	8.293	107	1147	0.031	ng	# 34
18) Hexachloroethane	8.957	117	1511	0.075	ng	# 1
19) n-Nitroso-di-n-propyla...	8.628	70	204	0.006	ng	# 14
20) 3+4-Methylphenols	8.616	107	2562	0.051	ng	# 28
22) Acetophenone	8.663	105	9484	0.140	ng	# 78
24) Nitrobenzene	9.045	77	644	0.014	ng	# 29
25) Isophorone	9.575	82	134	0.002	ng	# 12
26) 2-Nitrophenol	9.751	139	64	0.003	ng	# 1
27) 2,4-Dimethylphenol	10.063	122	279	0.007	ng	93
28) bis(2-Chloroethoxy)met...	10.051	93	86	0.002	ng	# 1
29) 2,4-Dichlorophenol	10.445	162	54	0.001	ng	# 1
30) 1,2,4-Trichlorobenzene	10.592	180	77	0.002	ng	# 12
31) Naphthalene	10.692	128	79977	0.583	ng	99
33) 4-Chloroaniline	10.692	127	10893	0.188	ng	# 47
35) Caprolactam	11.581	113	491	0.043	ng	# 1
36) 4-Chloro-3-methylphenol	11.910	107	1089	0.028	ng	# 68
37) 2-Methylnaphthalene	12.304	142	10099	0.117	ng	91
38) 1-Methylnaphthalene	12.522	142	4536	0.049	ng	# 87
44) 2,4,5-Trichlorophenol	13.198	196	53	0.001	ng	# 1
46) 1,1'-Biphenyl	13.310	154	2944	0.023	ng	81
47) 2-Chloronaphthalene	13.327	162	60	0.001	ng	# 13
48) 2-Nitroaniline	13.533	65	106	0.005	ng	# 46
49) Acenaphthylene	14.198	152	1315	0.009	ng	# 75
50) Dimethylphthalate	13.933	163	2661	0.023	ng	# 85

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050493.D
 Acq On : 23 Jul 2025 16:57
 Operator : RC/JU
 Sample : Q2664-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GDW3

Quant Time: Jul 23 17:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2,6-Dinitrotoluene	13.869	165	270	0.012	ng	92
52) Acenaphthene	14.533	154	530	0.005	ng #	54
53) 3-Nitroaniline	14.380	138	60	0.002	ng #	1
55) Dibenzofuran	14.869	168	3469	0.023	ng	95
56) 4-Nitrophenol	14.686	139	131	0.006	ng #	1
58) Fluorene	15.521	166	2512	0.020	ng #	83
60) Diethylphthalate	15.292	149	42281	0.375	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	58	0.001	ng #	1
63) Azobenzene	15.827	77	9906	0.096	ng #	1
66) n-Nitrosodiphenylamine	15.727	169	4242	0.040	ng #	83
67) 4-Bromophenyl-phenylether	16.651	248	112	0.003	ng #	1
68) Hexachlorobenzene	16.515	284	180	0.004	ng #	43
69) Atrazine	16.639	200	53	0.002	ng #	35
70) Pentachlorophenol	16.863	266	269	0.010	ng #	77
71) Phenanthrene	17.251	178	11413	0.060	ng	98
72) Anthracene	17.251	178	11413	0.060	ng	97
73) Carbazole	17.610	167	9937	0.058	ng	95
74) Di-n-butylphthalate	18.180	149	95025	0.507	ng	98
75) Fluoranthene	19.262	202	17770	0.086	ng	91
77) Benzidine	19.451	184	810	0.010	ng #	1
78) Pyrene	19.621	202	14733	0.074	ng #	89
80) Butylbenzylphthalate	20.515	149	10117	0.154	ng #	77
81) Benzo(a)anthracene	21.427	228	29234	0.144	ng	95
82) 3,3'-Dichlorobenzidine	21.350	252	2009	0.029	ng #	74
83) Chrysene	21.480	228	35726	0.186	ng #	96
84) Bis(2-ethylhexyl)phtha...	21.350	149	52494	0.502	ng	95
85) Di-n-octyl phthalate	22.497	149	6287	0.038	ng #	36
87) Indeno(1,2,3-cd)pyrene	27.885	276	13227	0.057	ng #	74
88) Benzo(b)fluoranthene	23.509	252	49279	0.244	ng #	82
89) Benzo(k)fluoranthene	23.568	252	19887	0.095	ng #	54
90) Benzo(a)pyrene	24.315	252	5705	0.030	ng #	27
91) Dibenzo(a,h)anthracene	27.962	278	9336	0.047	ng #	71

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

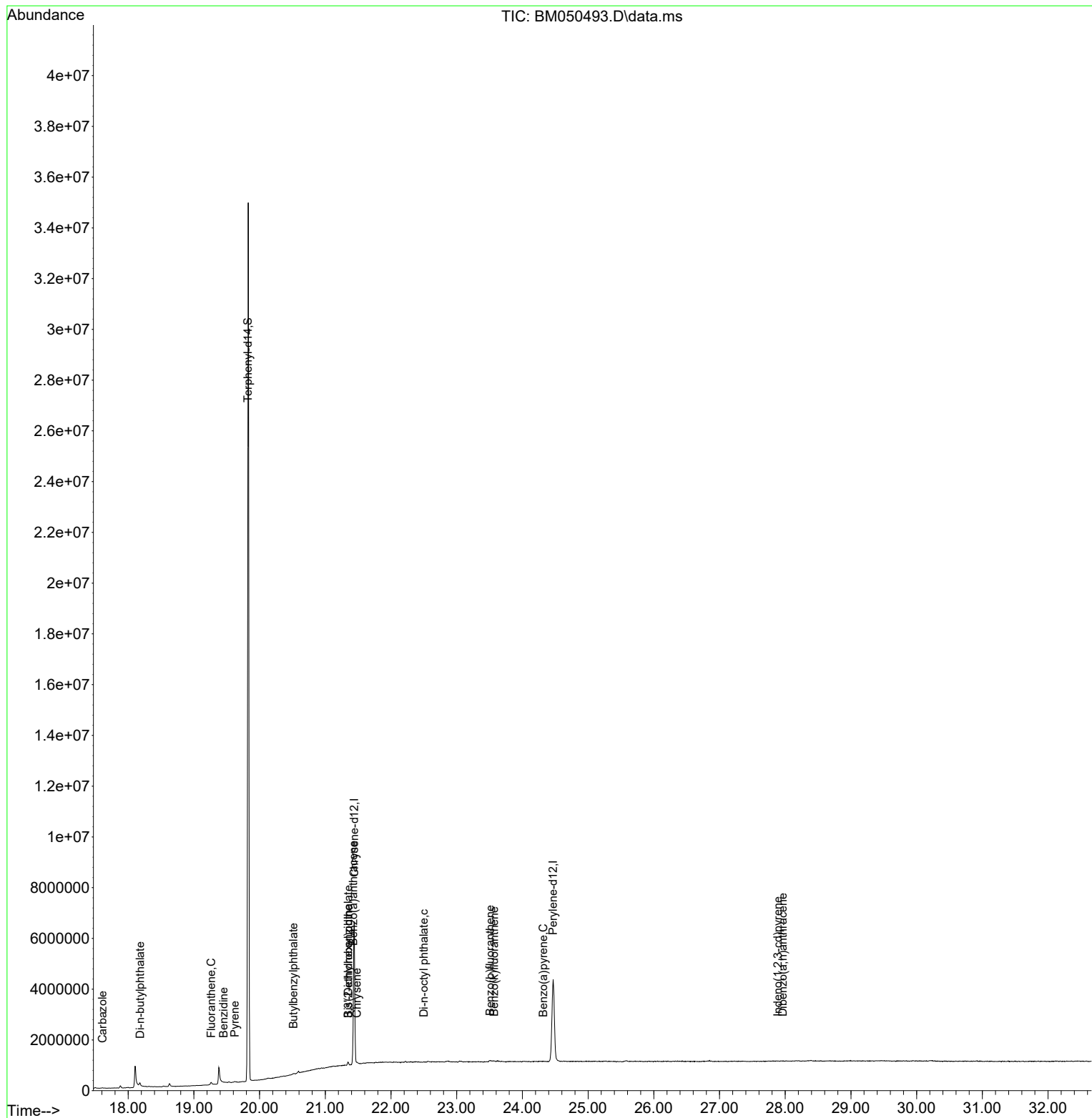
Instrument :
BNA_M
ClientSampleId :
GDW3

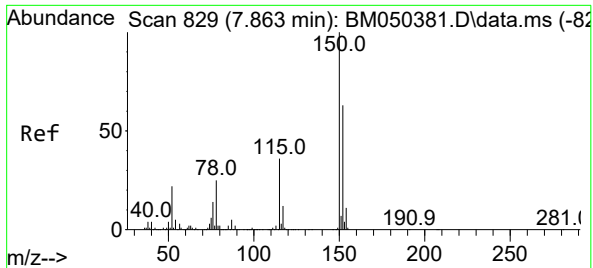
[illegible]

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

Quant Time: Jul 23 17:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

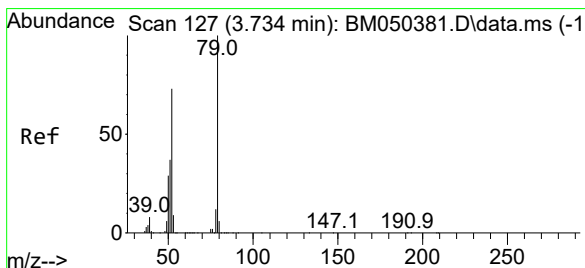
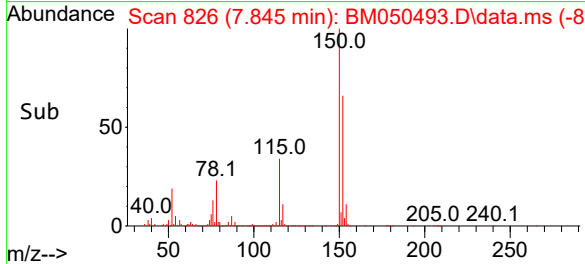
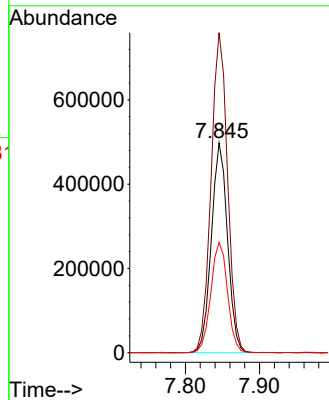
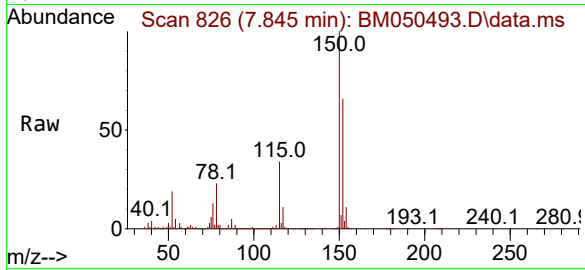




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

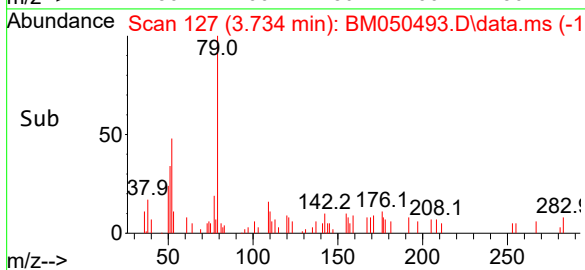
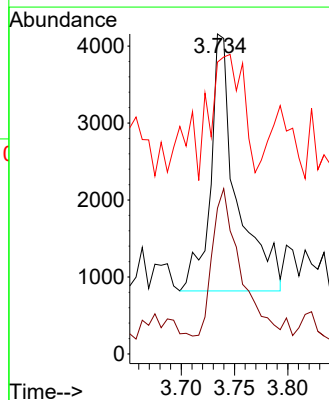
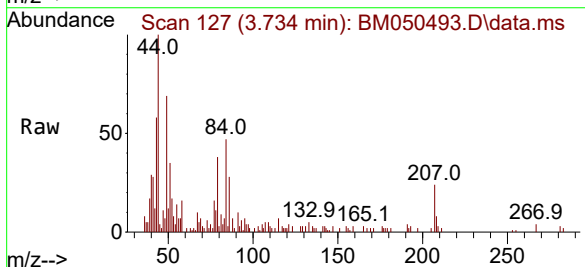
Instrument :
BNA_M
ClientSampleId :
GDW3

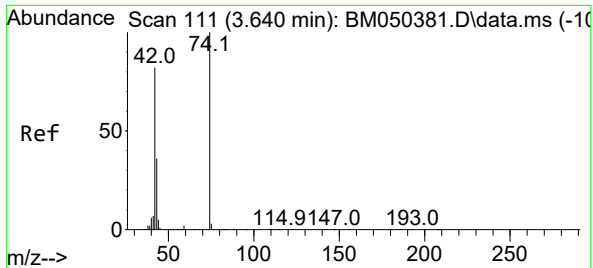
Tgt Ion:152 Resp: 754110
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.4
115 52.5 45.8 68.8



#3
Pyridine
Concen: 0.121 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 79 Resp: 5729
Ion Ratio Lower Upper
79 100
52 45.6 58.3 87.5#
51 91.2 29.6 44.4#

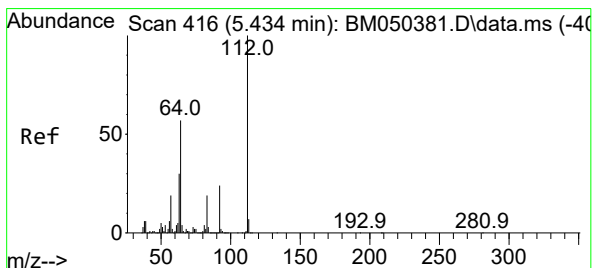
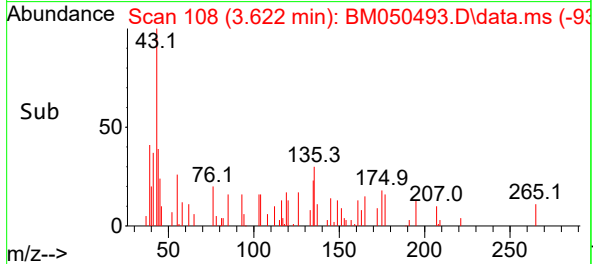
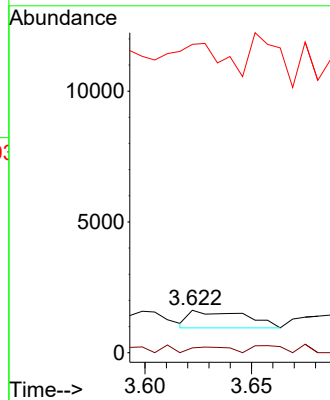
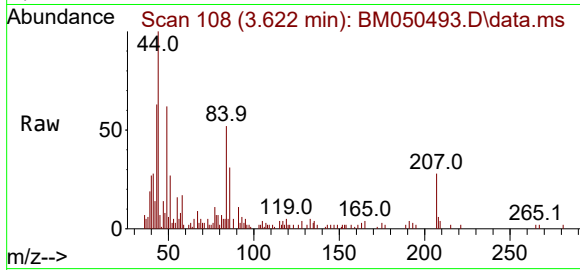




#4
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.622 min Scan# 111
Delta R.T. -0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

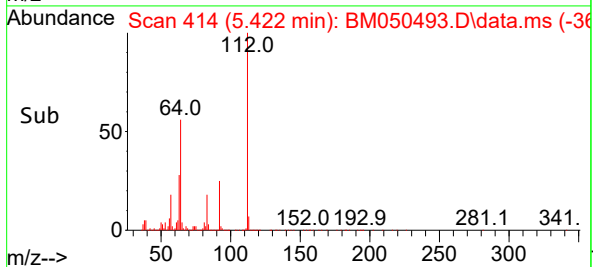
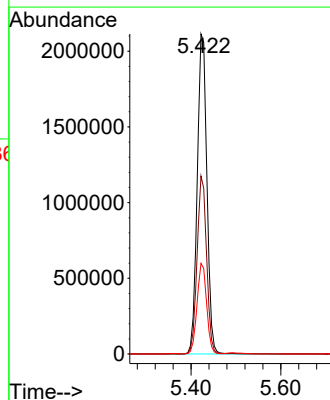
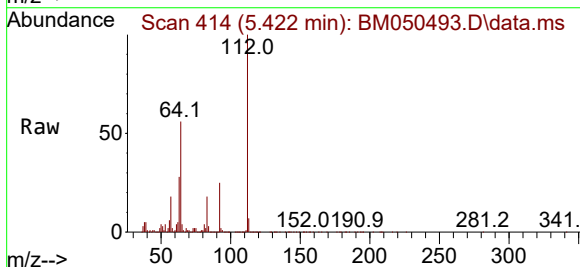
Instrument :
BNA_M
ClientSampleId :
GDW3

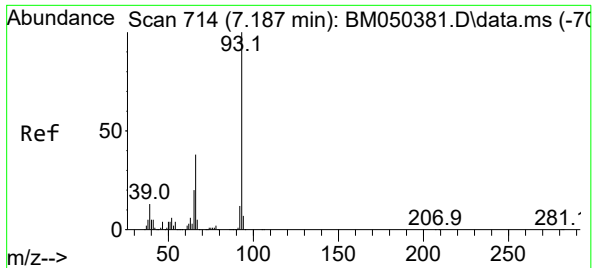
Tgt Ion: 42 Resp: 1207
Ion Ratio Lower Upper
42 100
74 11.2 97.5 146.3#
44 728.0 5.7 8.5#



#5
2-Fluorophenol
Concen: 72.015 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 112 Resp: 3154961
Ion Ratio Lower Upper
112 100
64 55.6 45.5 68.3
63 28.3 24.2 36.4

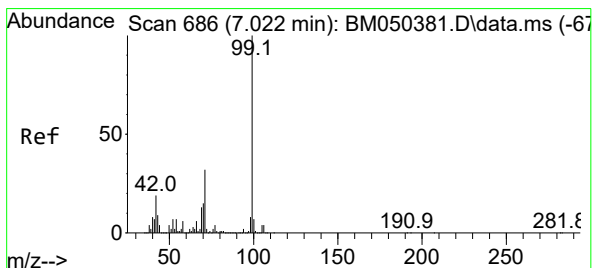
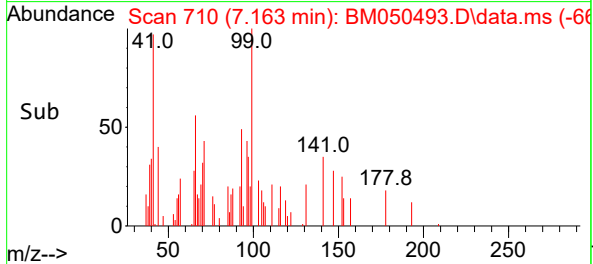
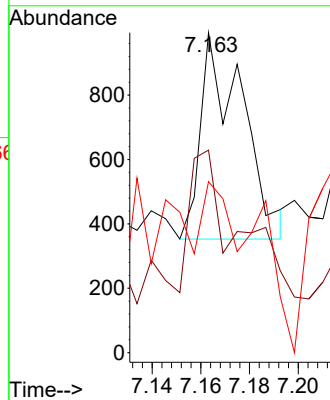
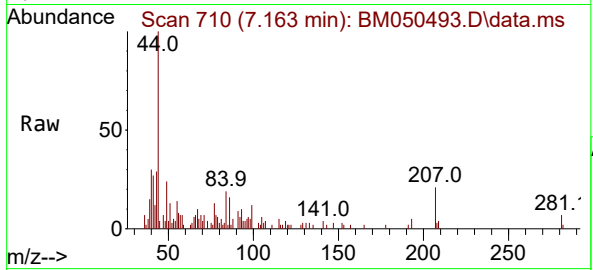




#6
Aniline
Concen: 0.011 ng
RT: 7.163 min Scan# 714
Delta R.T. -0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

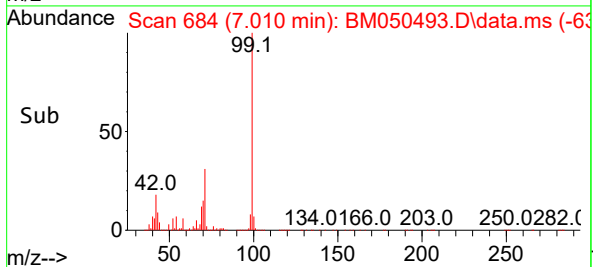
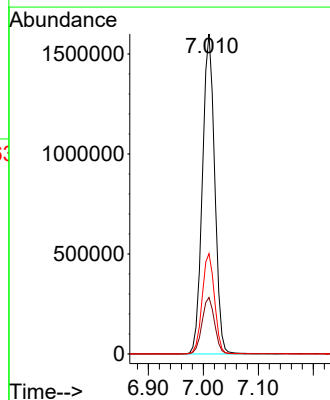
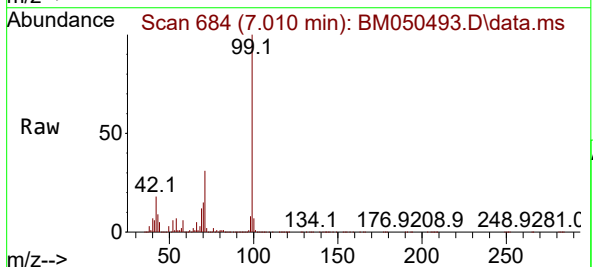
Instrument :
BNA_M
ClientSampleId :
GDW3

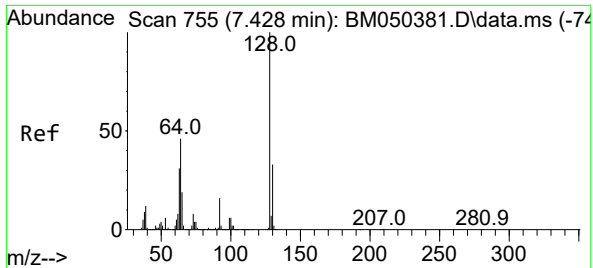
Tgt Ion: 93 Resp: 764
Ion Ratio Lower Upper
93 100
66 63.3 30.5 45.7#
65 53.4 15.9 23.9#



#7
Phenol-d6
Concen: 45.098 ng
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 99 Resp: 2490615
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 31.4 25.9 38.9

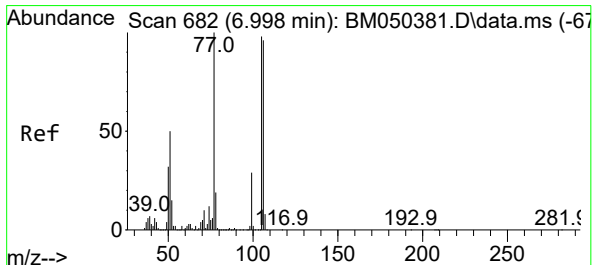
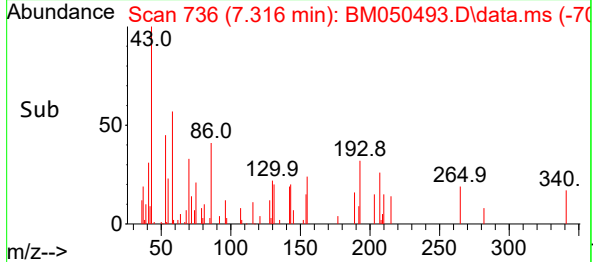
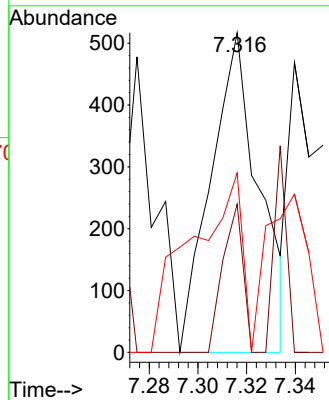
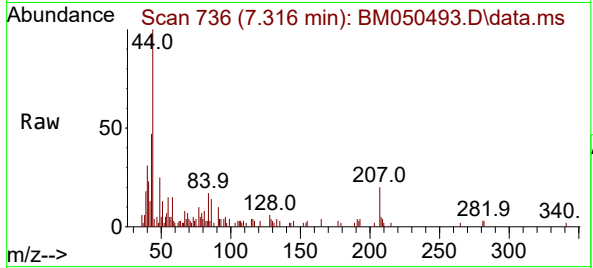




#8
2-Chlorophenol
Concen: 0.015 ng
RT: 7.316 min Scan# 712
Delta R.T. -0.100 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

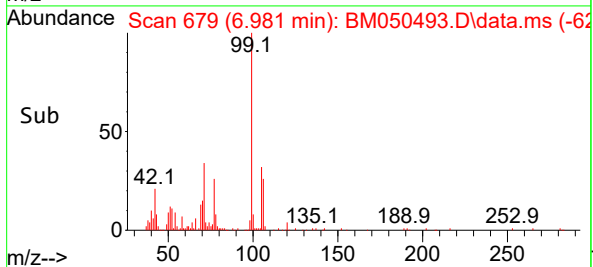
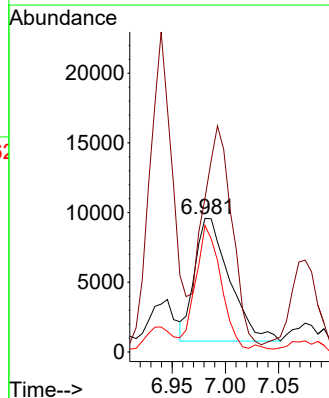
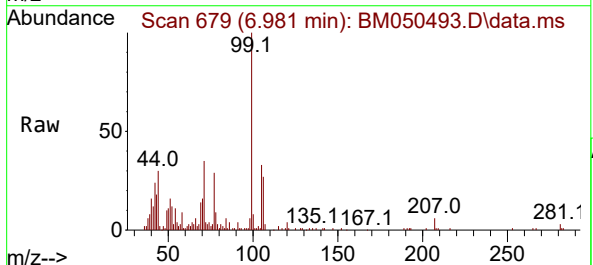
Instrument :
BNA_M
ClientSampleId :
GDW3

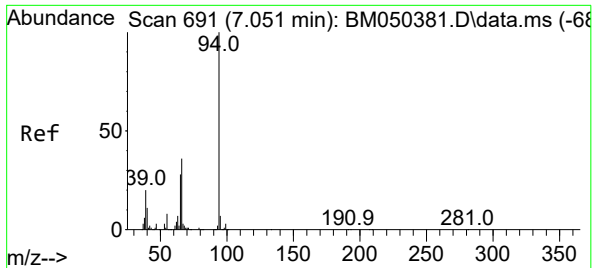
Tgt Ion:128 Resp: 712
Ion Ratio Lower Upper
128 100
130 46.4 13.3 53.3
64 56.1 25.6 65.6



#9
Benzaldehyde
Concen: 0.610 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 77 Resp: 20051
Ion Ratio Lower Upper
77 100
105 115.1 78.4 118.4
106 94.8 76.3 116.3

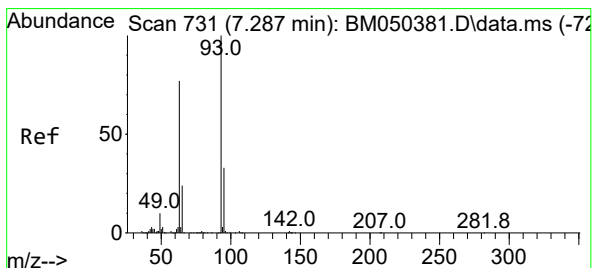
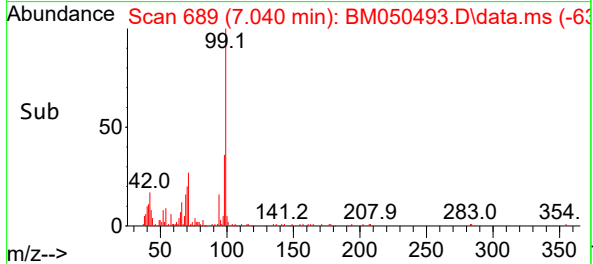
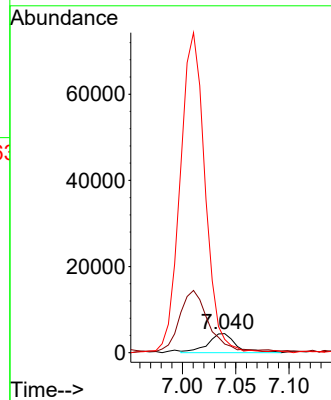
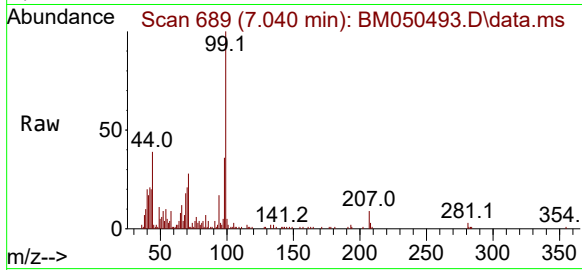




#10
Phenol
Concen: 0.141 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

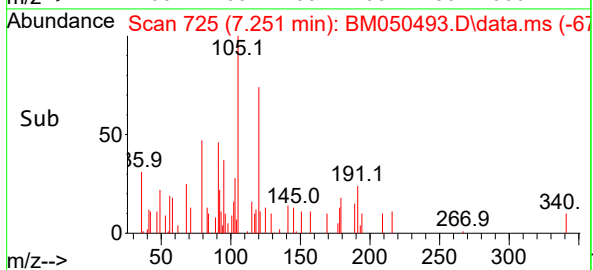
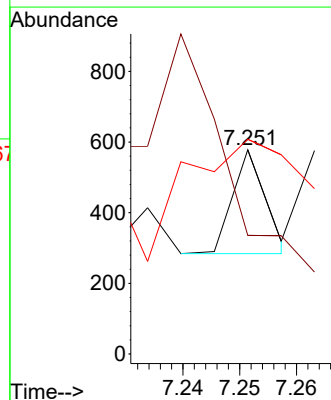
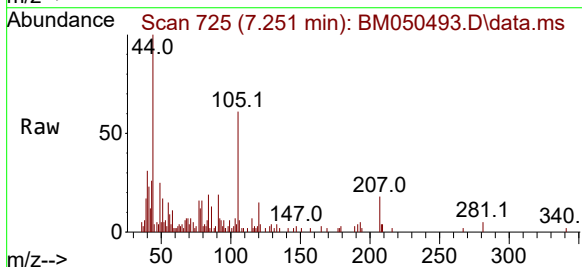
Instrument :
BNA_M
ClientSampleId :
GDW3

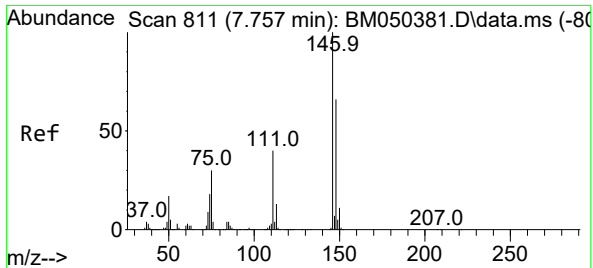
Tgt Ion: 94 Resp: 8116
Ion Ratio Lower Upper
94 100
65 45.6 8.1 48.1
66 69.7 15.8 55.8#



#11
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.251 min Scan# 725
Delta R.T. -0.017 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 93 Resp: 118
Ion Ratio Lower Upper
93 100
63 58.1 56.9 96.9
95 105.2 12.6 52.6#





#12

1,3-Dichlorobenzene

Concen: 0.001 ng

RT: 7.934 min Scan# 841

Delta R.T. 0.194 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3

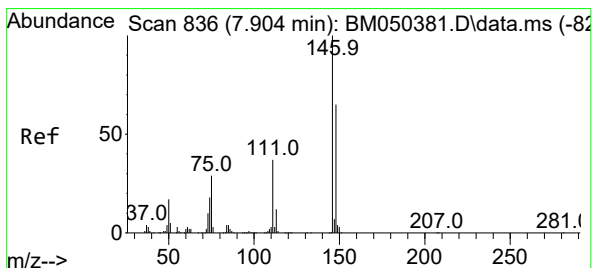
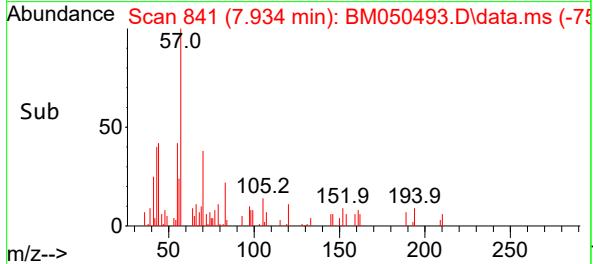
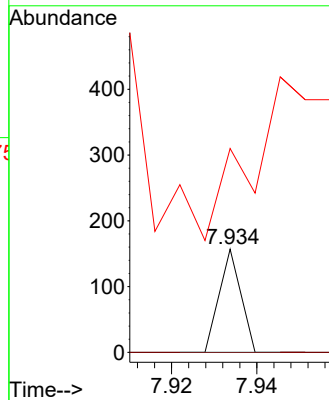
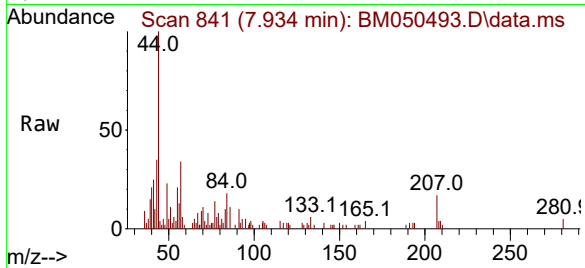
Tgt Ion:146 Resp: 55

Ion Ratio Lower Upper

146 100

148 0.0 53.2 79.8#

75 197.5 23.9 35.9#



#13

1,4-Dichlorobenzene

Concen: 0.001 ng

RT: 7.934 min Scan# 841

Delta R.T. 0.047 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

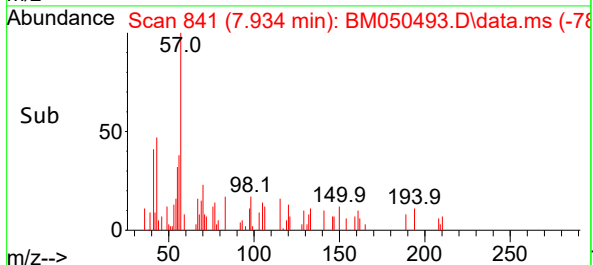
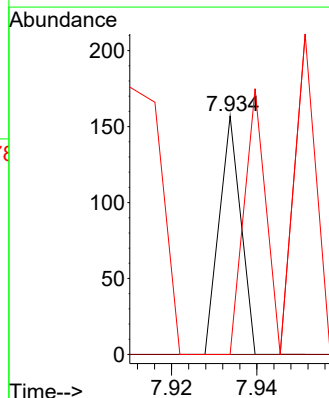
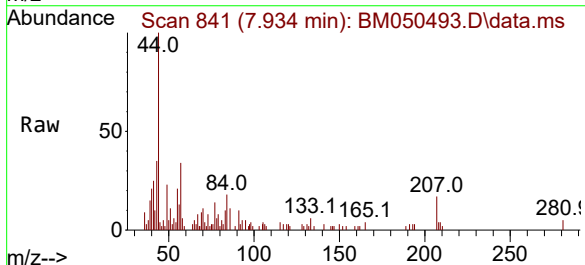
Tgt Ion:146 Resp: 55

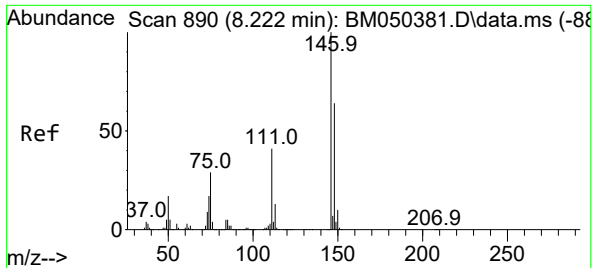
Ion Ratio Lower Upper

146 100

148 0.0 51.9 77.9#

111 0.0 30.0 45.0#





#14

1,2-Dichlorobenzene

Concen: 0.001 ng

RT: 8.310 min Scan# 90

Delta R.T. 0.112 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3

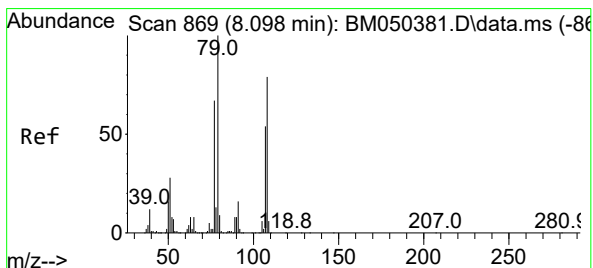
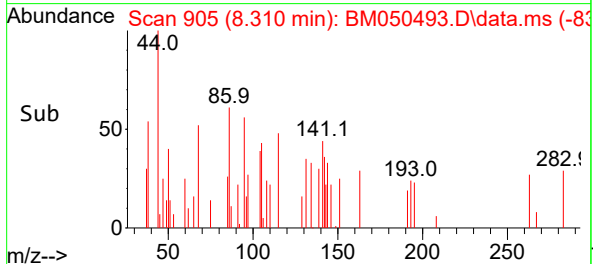
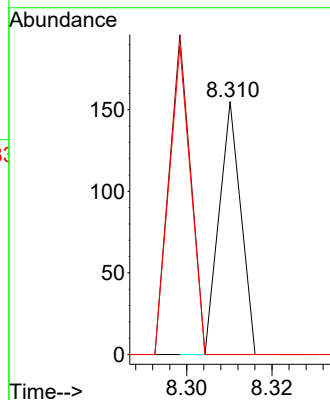
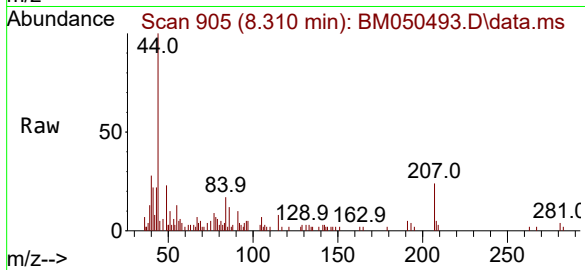
Tgt Ion:146 Resp: 55

Ion Ratio Lower Upper

146 100

148 127.1 51.5 77.3#

111 0.0 32.6 49.0#



#15

Benzyl Alcohol

Concen: 0.160 ng

RT: 8.087 min Scan# 867

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

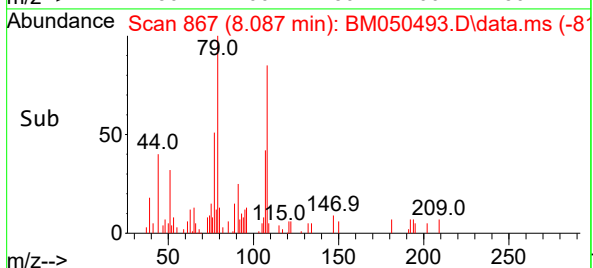
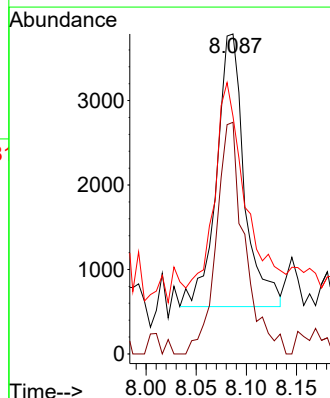
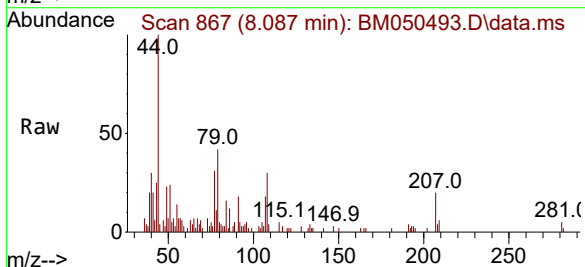
Tgt Ion: 79 Resp: 6239

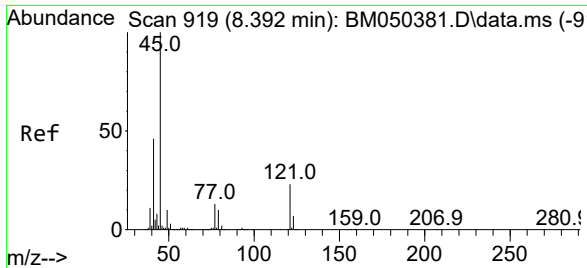
Ion Ratio Lower Upper

79 100

108 72.4 63.0 94.4

77 74.3 53.4 80.0

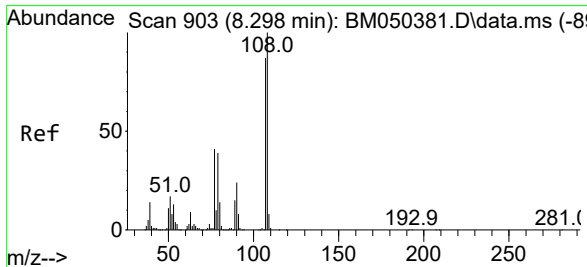
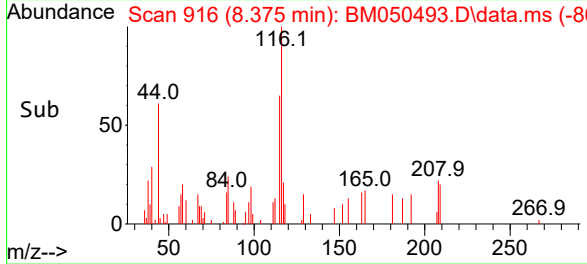
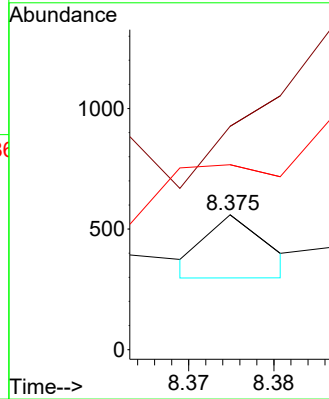
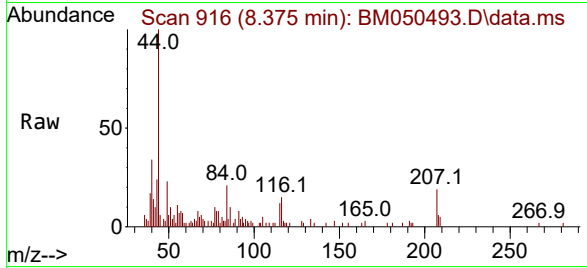




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.002 ng
RT: 8.375 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

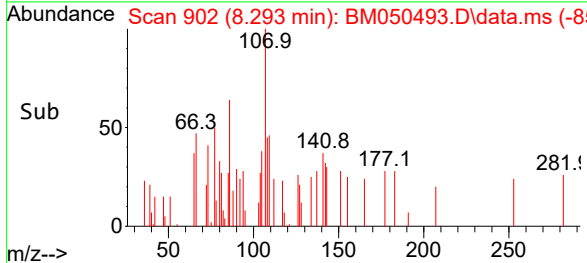
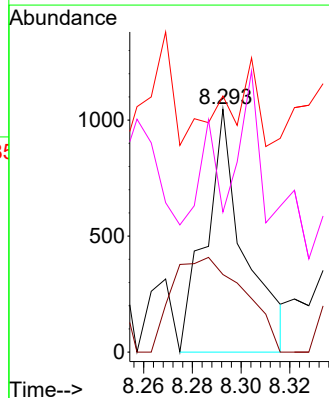
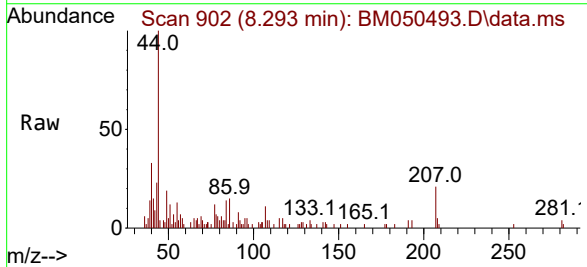
Instrument :
BNA_M
ClientSampleId :
GDW3

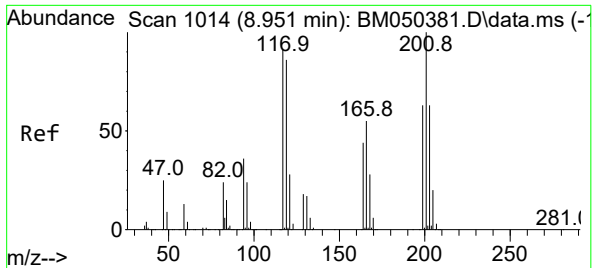
Tgt Ion: 45 Resp: 128
Ion Ratio Lower Upper
45 100
77 165.7 0.0 33.5#
79 137.2 0.0 30.3#



#17
2-Methylphenol
Concen: 0.031 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 107 Resp: 1147
Ion Ratio Lower Upper
107 100
108 31.9 92.1 138.1#
77 105.4 38.2 57.4#
79 57.6 36.2 54.4#

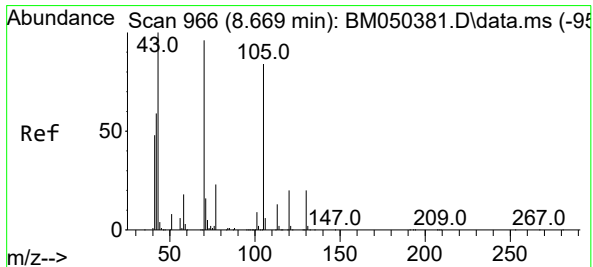
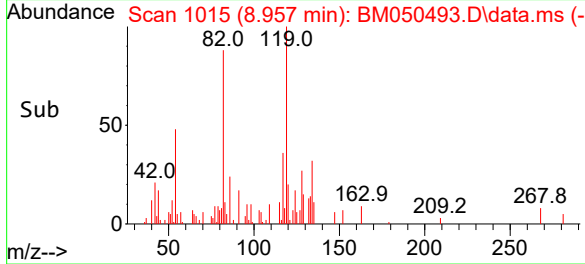
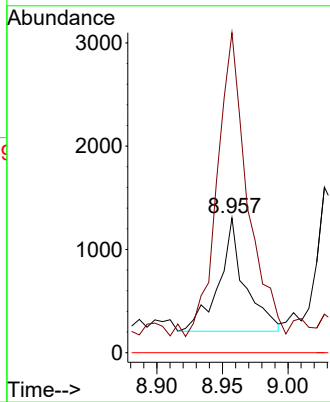
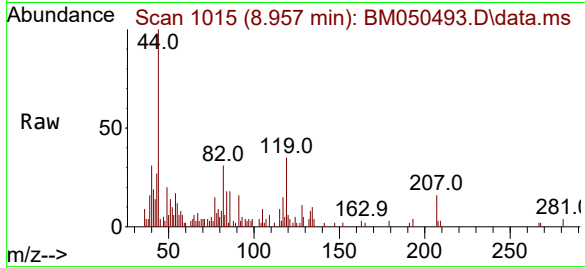




#18
Hexachloroethane
Concen: 0.075 ng
RT: 8.957 min Scan# 1015
Delta R.T. 0.024 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

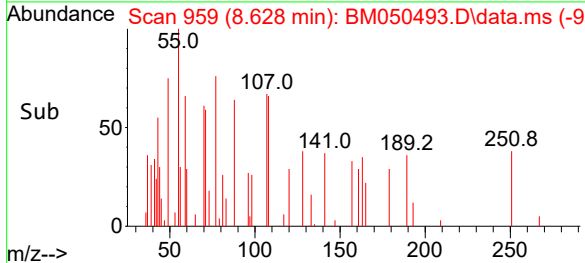
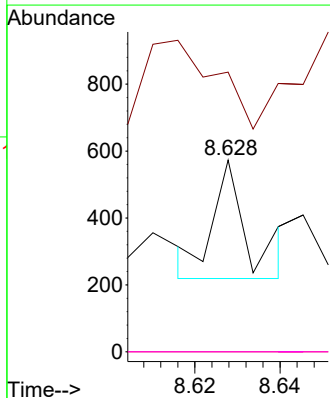
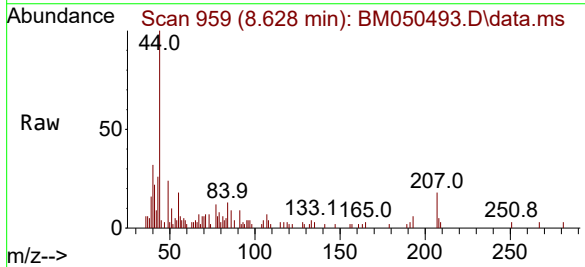
Instrument :
BNA_M
ClientSampleId :
GDW3

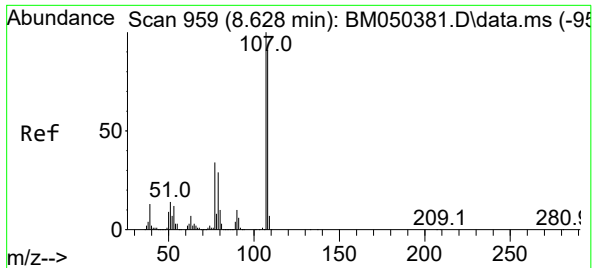
Tgt Ion:117 Resp: 1511
Ion Ratio Lower Upper
117 100
119 237.7 75.6 113.4#
201 0.0 87.9 131.9#



#19
n-Nitroso-di-n-propylamine
Concen: 0.006 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.023 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 70 Resp: 204
Ion Ratio Lower Upper
70 100
42 145.9 49.7 74.5#
101 0.0 7.7 11.5#
130 0.0 16.6 24.8#

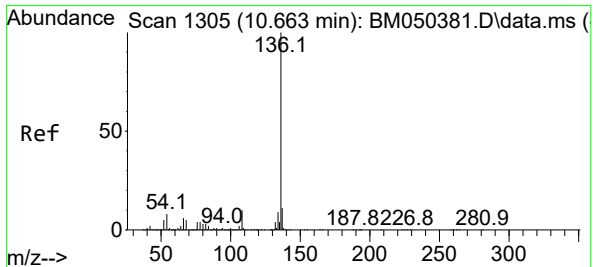
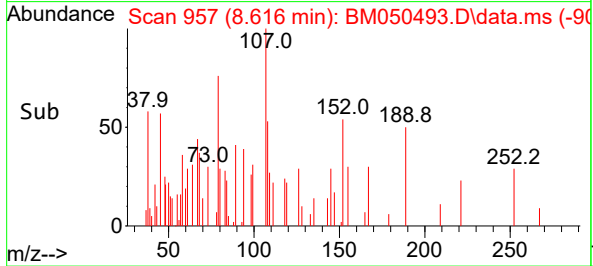
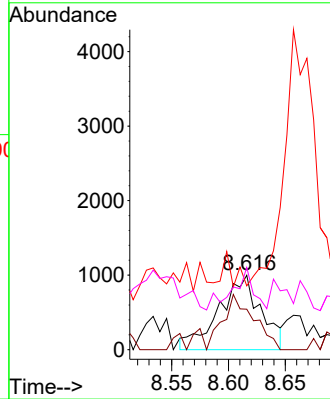
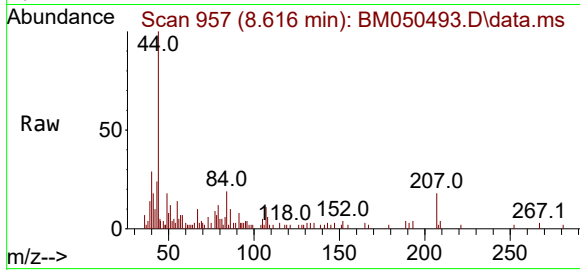




#20
3+4-Methylphenols
Concen: 0.051 ng
RT: 8.616 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

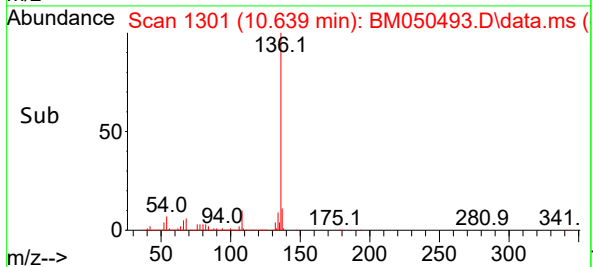
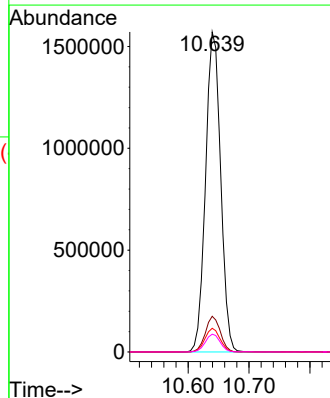
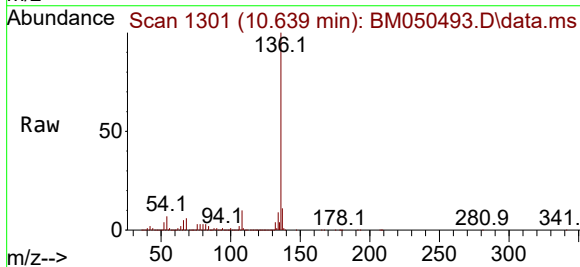
Instrument :
BNA_M
ClientSampleId :
GDW3

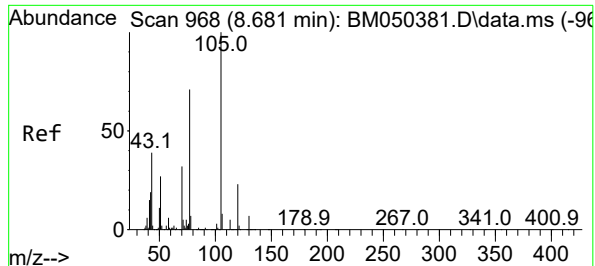
Tgt Ion:	107	Resp:	2562
Ion	Ratio	Lower	Upper
107	100		
108	54.5	71.5	111.5#
77	85.7	13.7	53.7#
79	110.4	8.6	48.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:	136	Resp:	2702597
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.3	9.5
68	5.6	4.2	6.2





#22

Acetophenone

Concen: 0.140 ng

RT: 8.663 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM050493.D

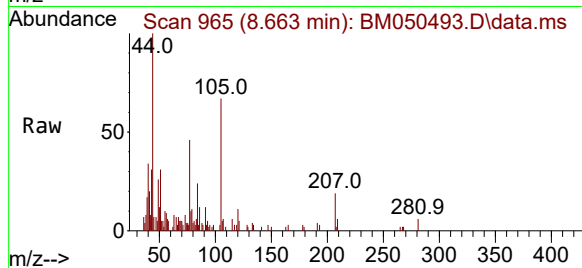
Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3



Tgt Ion:105 Resp: 9484

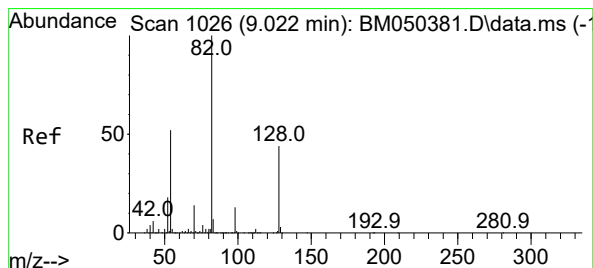
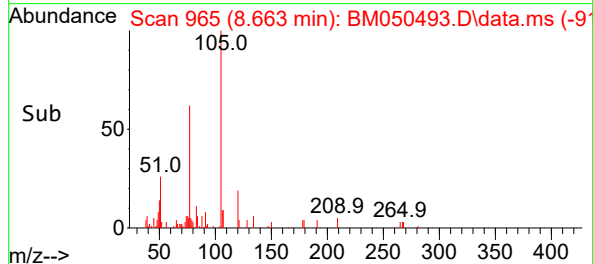
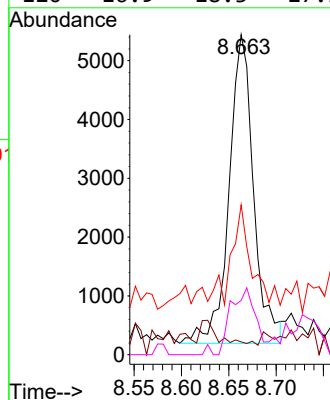
Ion Ratio Lower Upper

105 100

71 4.0 4.4 6.6#

51 46.8 23.0 34.6#

120 16.9 18.3 27.5#



#23

Nitrobenzene-d5

Concen: 89.337 ng

RT: 8.998 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

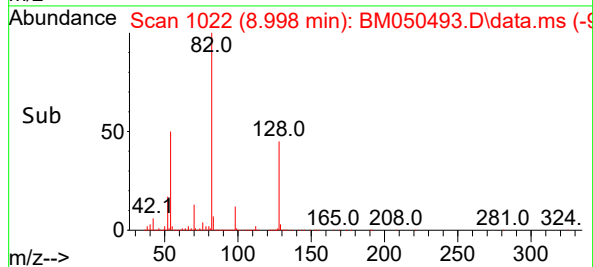
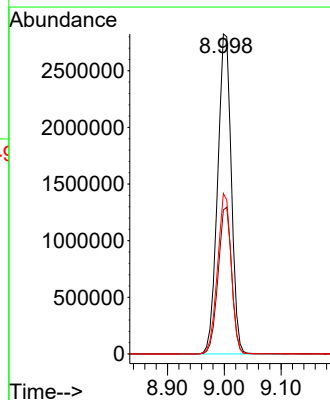
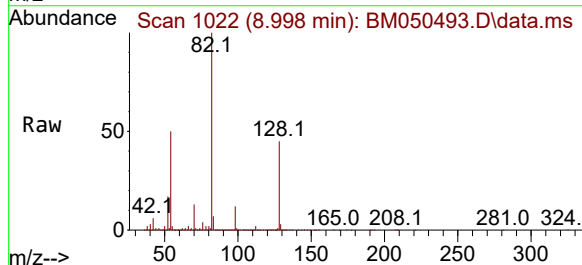
Tgt Ion: 82 Resp: 4732461

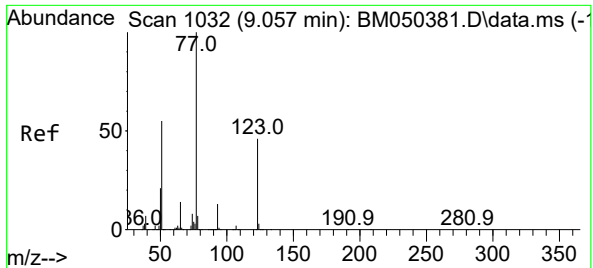
Ion Ratio Lower Upper

82 100

128 45.0 35.2 52.8

54 50.1 41.5 62.3





#24

Nitrobenzene

Concen: 0.014 ng

RT: 9.045 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3

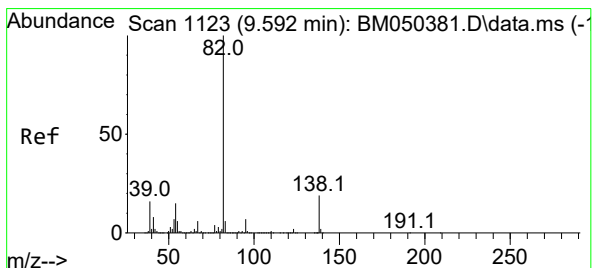
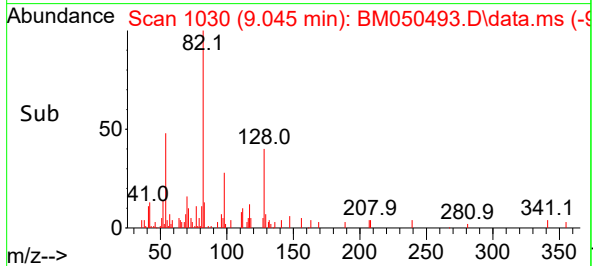
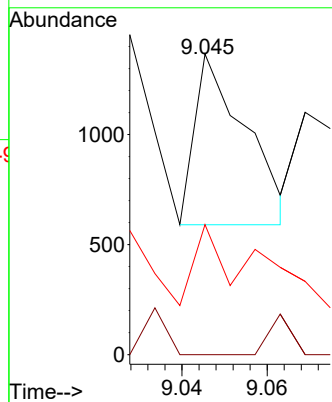
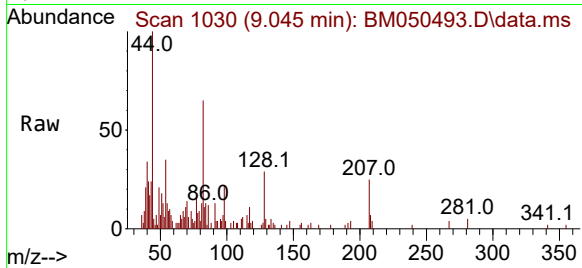
Tgt Ion: 77 Resp: 644

Ion Ratio Lower Upper

77 100

123 0.0 37.0 55.6#

65 43.3 11.0 16.4#



#25

Isophorone

Concen: 0.002 ng

RT: 9.575 min Scan# 1120

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

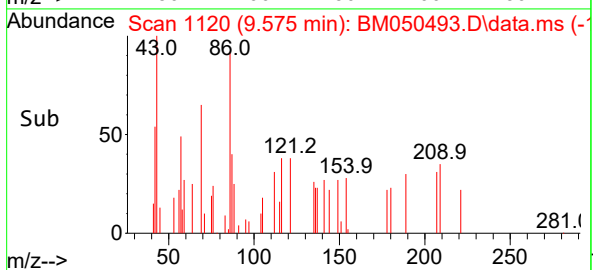
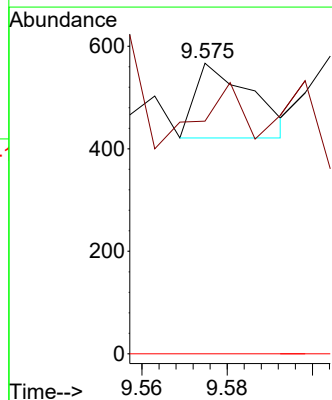
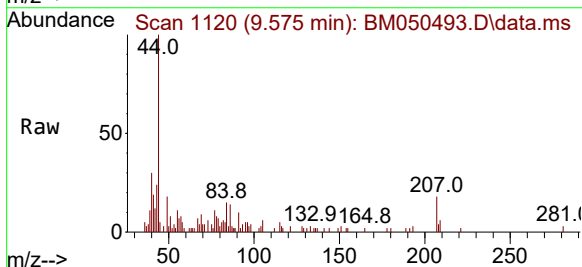
Tgt Ion: 82 Resp: 134

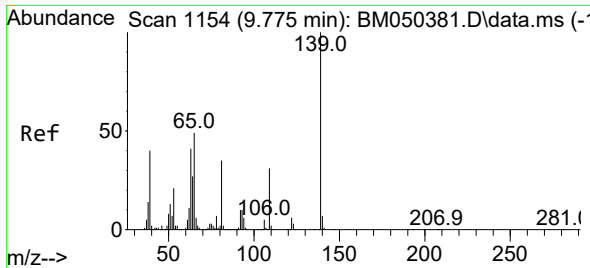
Ion Ratio Lower Upper

82 100

95 80.1 5.6 8.4#

138 0.0 15.3 22.9#

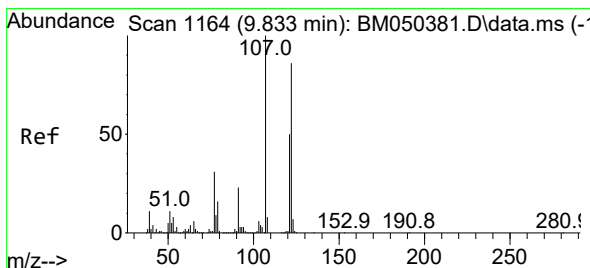
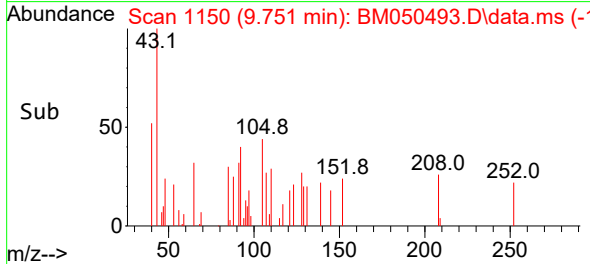
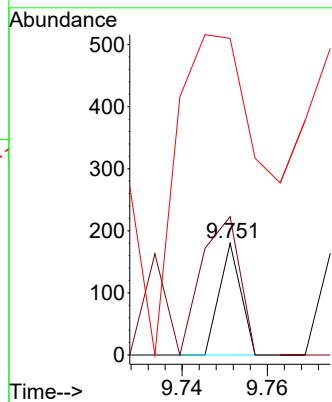
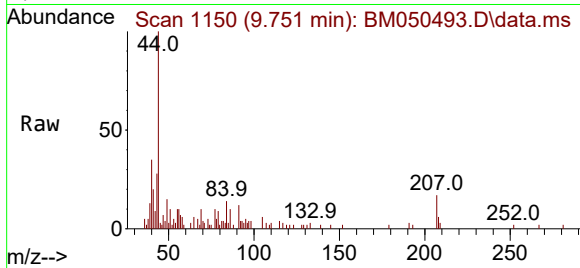




#26
2-Nitrophenol
Concen: 0.003 ng
RT: 9.751 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

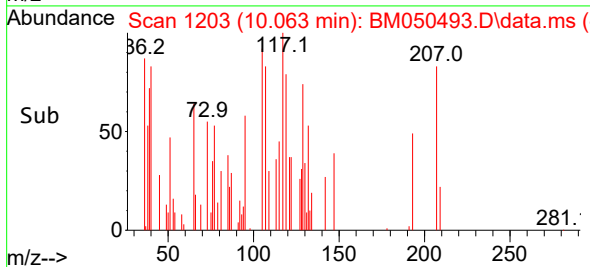
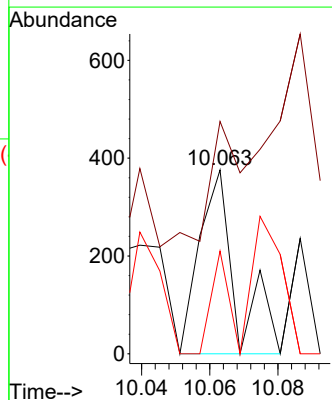
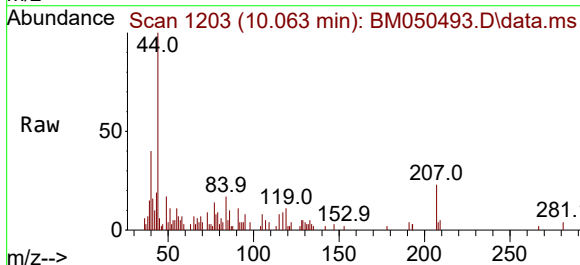
Instrument :
BNA_M
ClientSampleId :
GDW3

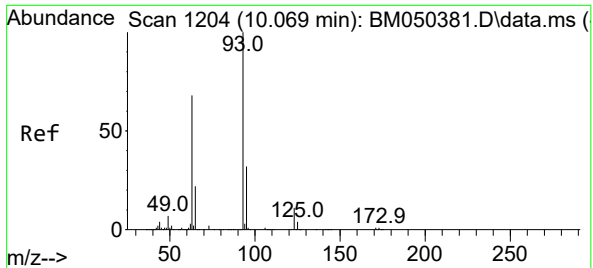
Tgt Ion	Ratio	Lower	Upper
139	100		
109	123.9	24.6	36.8#
65	283.3	39.2	58.8#



#27
2,4-Dimethylphenol
Concen: 0.007 ng
RT: 10.063 min Scan# 1203
Delta R.T. 0.247 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.3	93.0	139.6
121	55.9	46.1	69.1

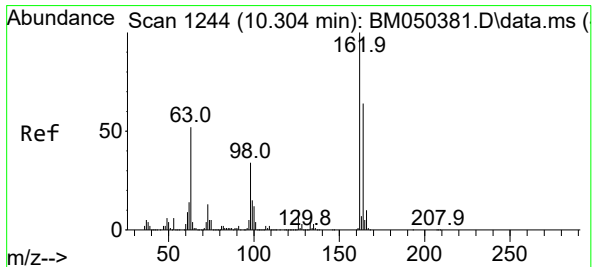
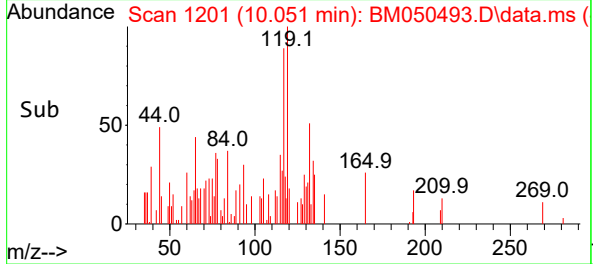
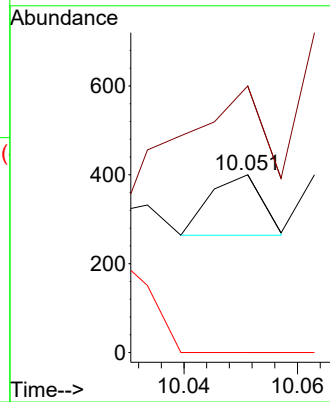
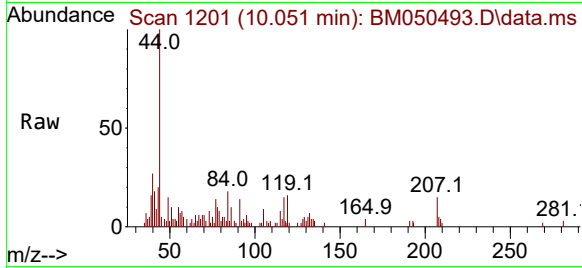




#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

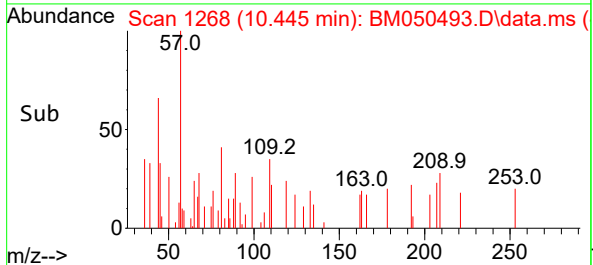
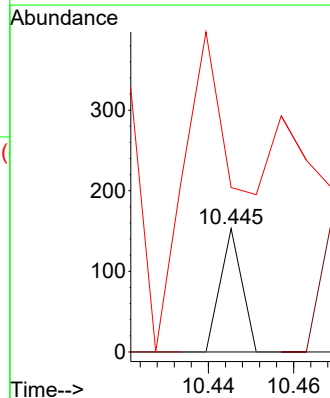
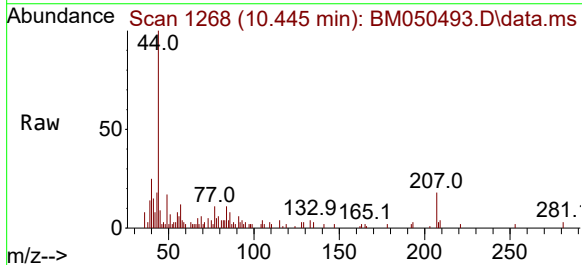
Instrument :
BNA_M
ClientSampleId :
GDW3

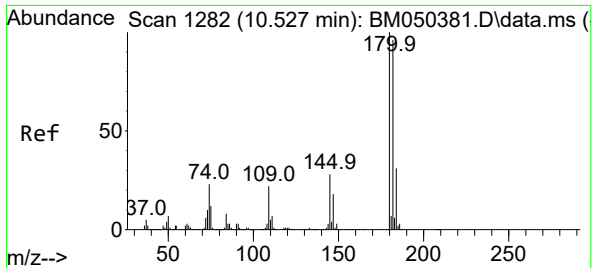
Tgt Ion: 93 Resp: 86
Ion Ratio Lower Upper
93 100
95 150.0 25.8 38.6#
123 0.0 9.1 13.7#



#29
2,4-Dichlorophenol
Concen: 0.001 ng
RT: 10.445 min Scan# 1268
Delta R.T. 0.159 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 162 Resp: 54
Ion Ratio Lower Upper
162 100
164 0.0 43.7 83.7#
98 133.3 13.7 53.7#





#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

RT: 10.592 min Scan# 11

Delta R.T. 0.088 min

Lab File: BM050493.D

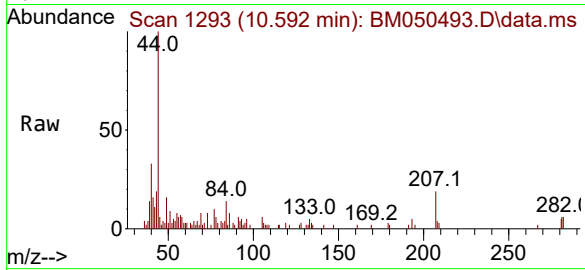
Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3



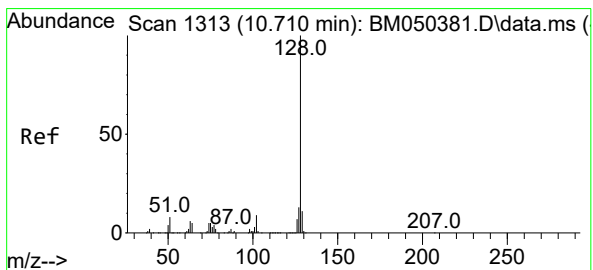
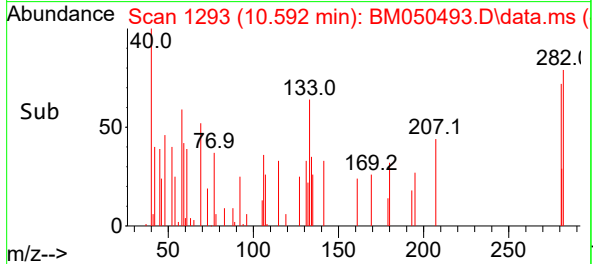
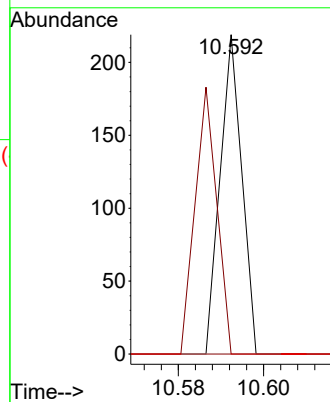
Tgt Ion:180 Resp: 77

Ion Ratio Lower Upper

180 100

182 0.0 76.8 115.2#

145 0.0 22.6 33.8#



#31

Naphthalene

Concen: 0.583 ng

RT: 10.692 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

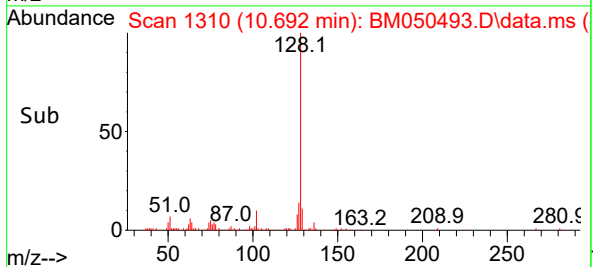
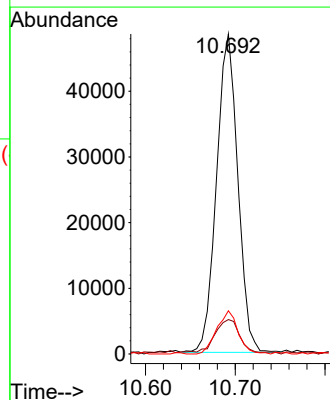
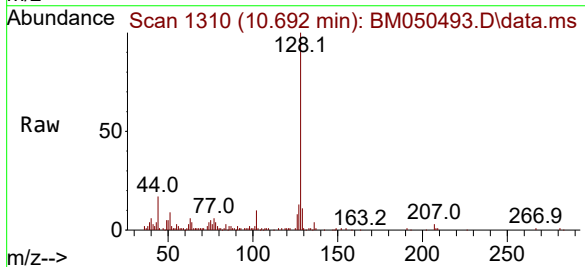
Tgt Ion:128 Resp: 79977

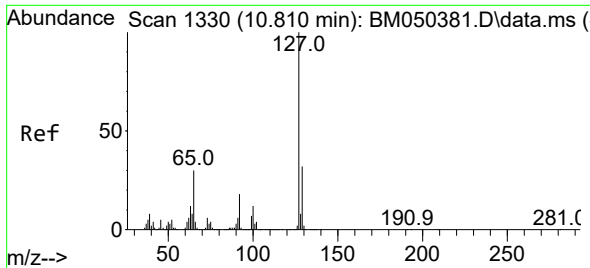
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.5 10.4 15.6

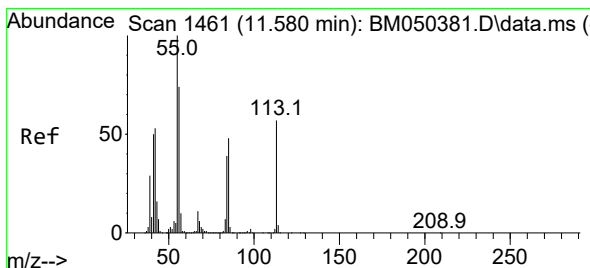
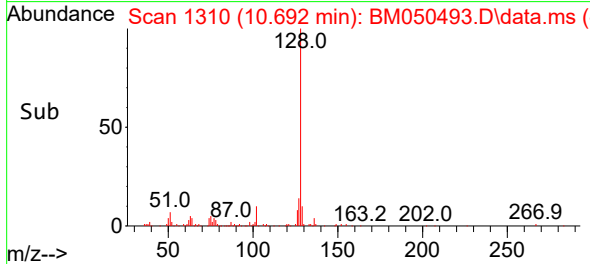
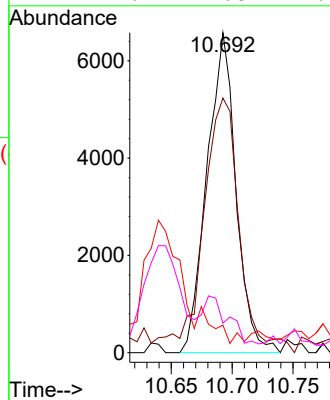
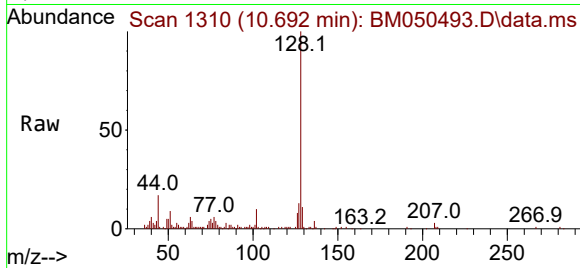




#33
4-Chloroaniline
Concen: 0.188 ng
RT: 10.692 min Scan# 11
Delta R.T. -0.100 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

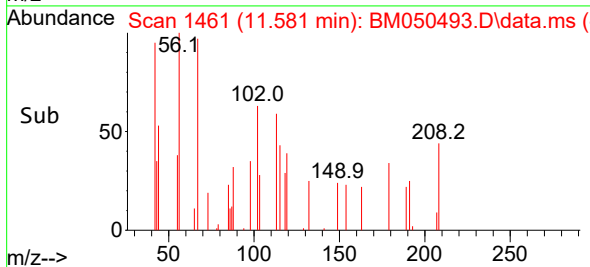
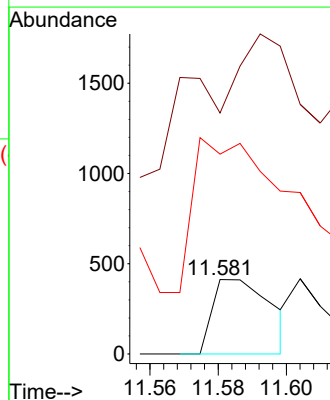
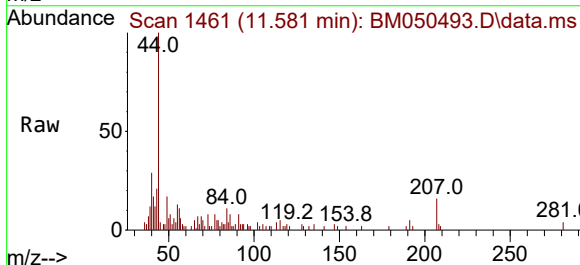
Instrument :
BNA_M
ClientSampleId :
GDW3

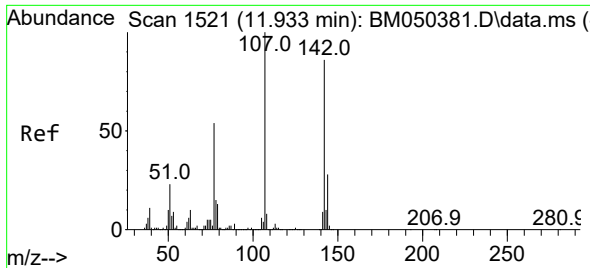
Tgt Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.5	38.3#
65	8.6	23.9	35.9#
92	9.2	14.6	21.8#



#35
Caprolactam
Concen: 0.043 ng
RT: 11.581 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion	Ratio	Lower	Upper
113	100		
55	324.0	157.2	197.2#
56	268.7	111.7	151.7#

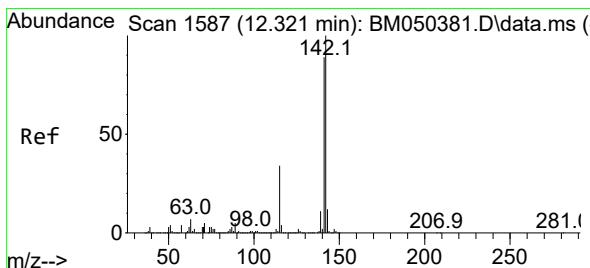
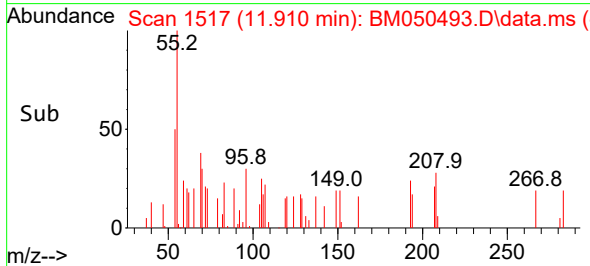
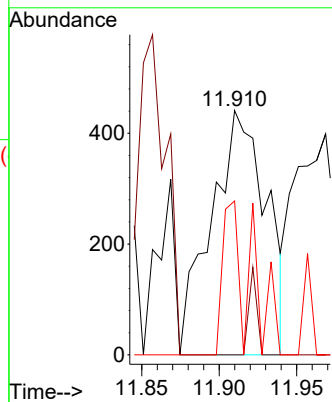
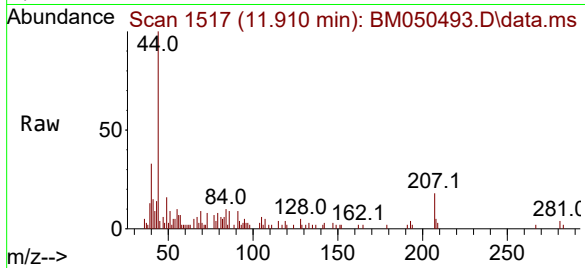




#36
4-Chloro-3-methylphenol
Concen: 0.028 ng
RT: 11.910 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

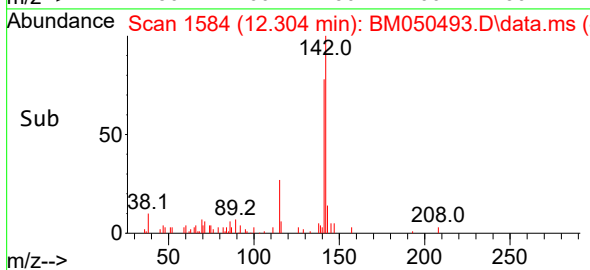
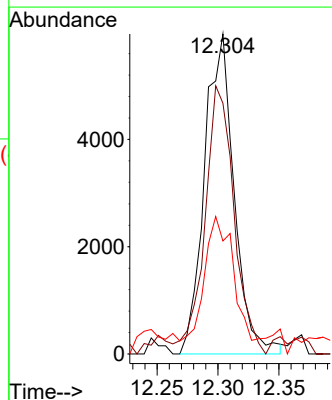
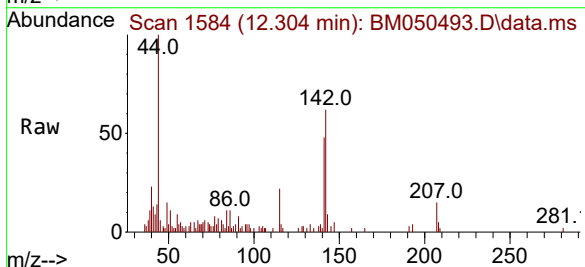
Instrument :
BNA_M
ClientSampleId :
GDW3

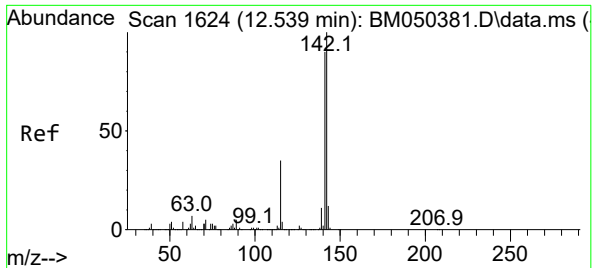
Tgt Ion:107 Resp: 1089
Ion Ratio Lower Upper
107 100
144 0.0 22.2 33.4#
142 63.0 68.7 103.1#



#37
2-Methylnaphthalene
Concen: 0.117 ng
RT: 12.304 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:142 Resp: 10099
Ion Ratio Lower Upper
142 100
141 78.3 70.8 106.2
115 35.3 27.0 40.4





#38

1-Methylnaphthalene

Concen: 0.049 ng

RT: 12.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

Instrument :

BNA_M

ClientSampleId :

GDW3

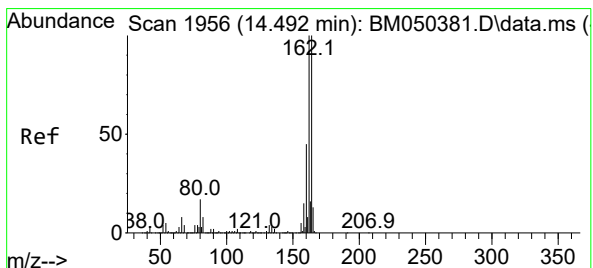
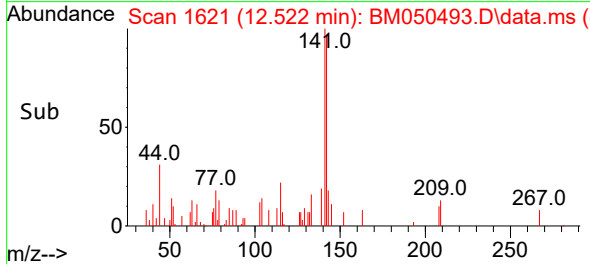
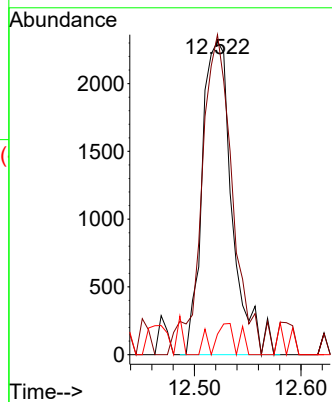
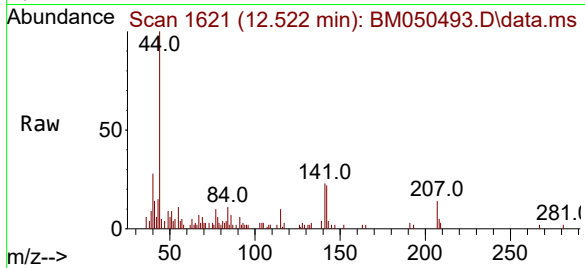
Tgt Ion:142 Resp: 4536

Ion Ratio Lower Upper

142 100

141 102.1 71.9 107.9

116 6.5 3.0 4.6#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BM050493.D

Acq: 23 Jul 2025 16:57

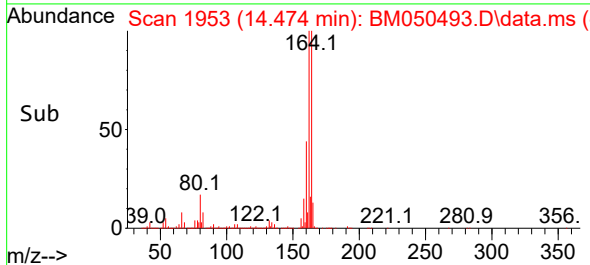
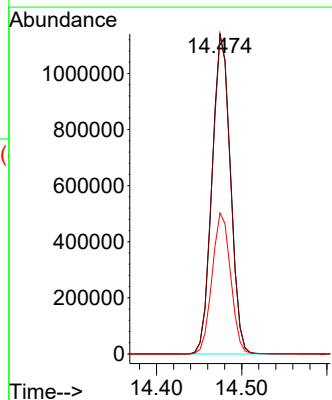
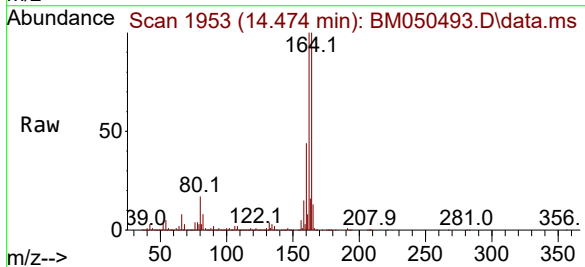
Tgt Ion:164 Resp: 1716082

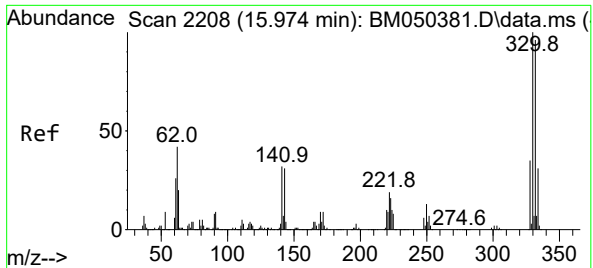
Ion Ratio Lower Upper

164 100

162 99.5 79.9 119.9

160 44.0 36.2 54.4

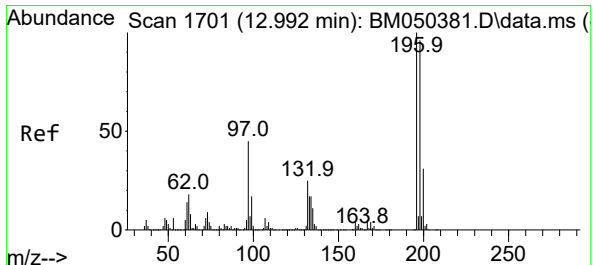
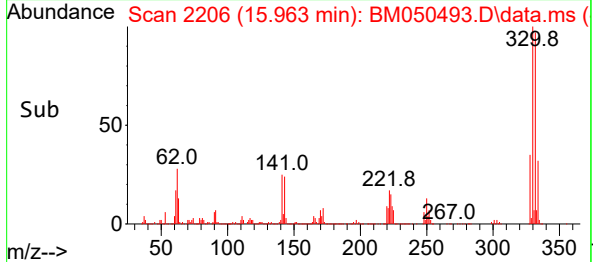
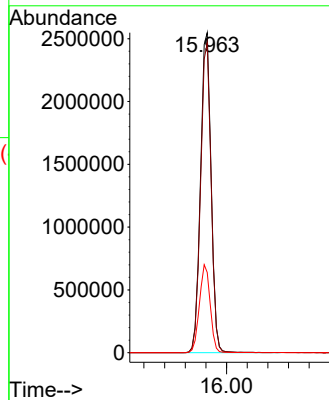
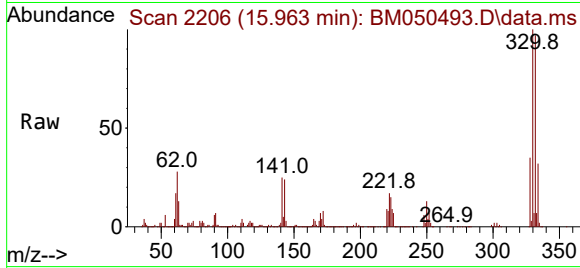




#42
2,4,6-Tribromophenol
Concen: 173.787 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

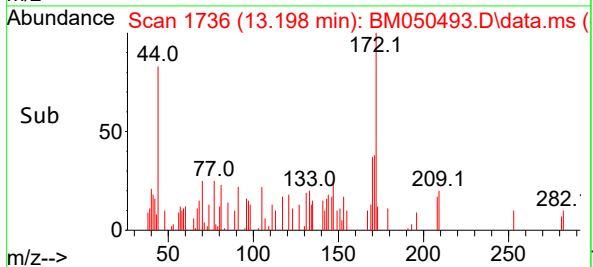
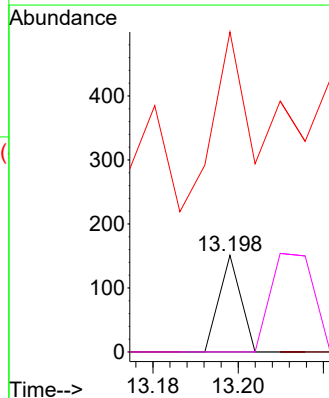
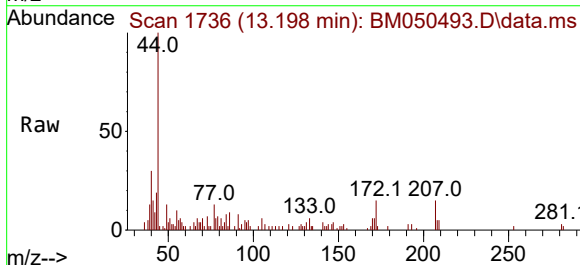
Instrument :
BNA_M
ClientSampleId :
GDW3

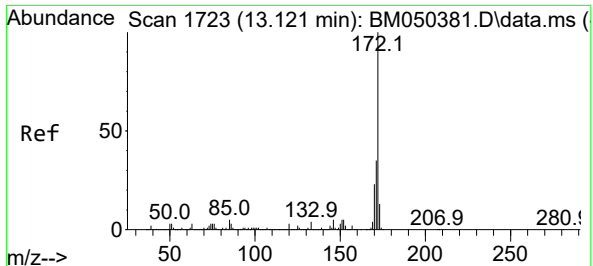
Tgt Ion:330 Resp: 3623547
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 27.9 27.4 41.0



#44
2,4,5-Trichlorophenol
Concen: 0.001 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.224 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:196 Resp: 53
Ion Ratio Lower Upper
196 100
198 0.0 77.2 115.8#
97 331.1 36.2 54.4#
132 0.0 19.9 29.9#

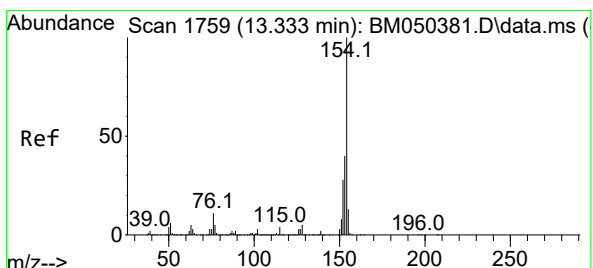
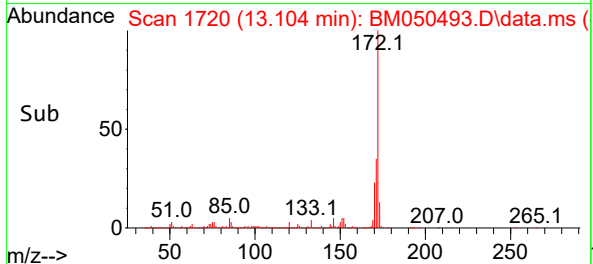
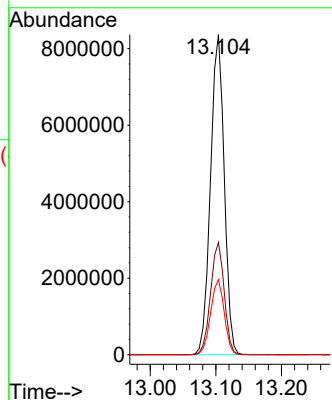
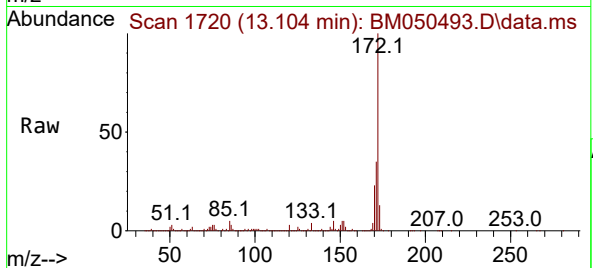




#45
2-Fluorobiphenyl
Concen: 87.758 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

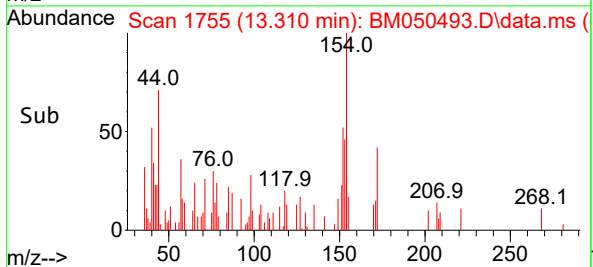
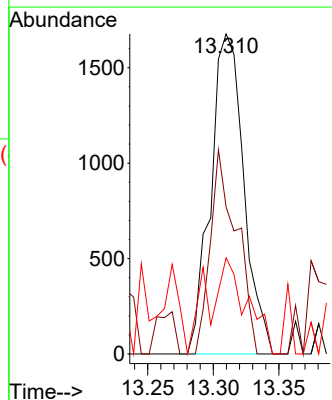
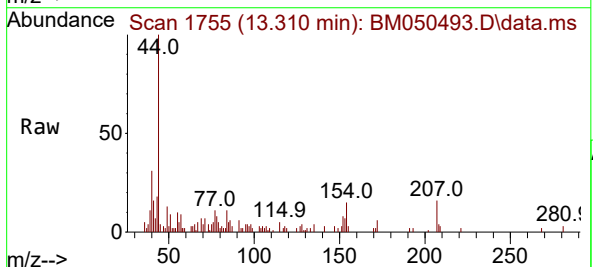
Instrument :
BNA_M
ClientSampleId :
GDW3

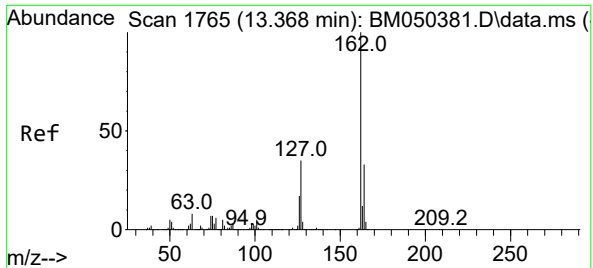
Tgt Ion:172 Resp:12195050
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 0.023 ng
RT: 13.310 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:154 Resp: 2944
Ion Ratio Lower Upper
154 100
153 45.9 19.7 59.7
76 30.1 0.0 30.9

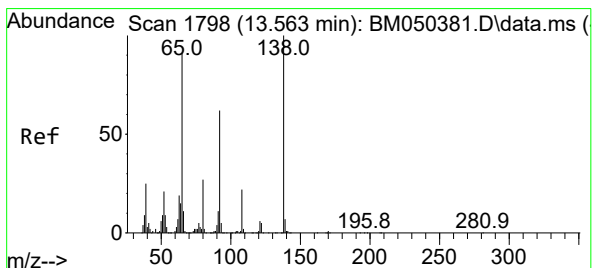
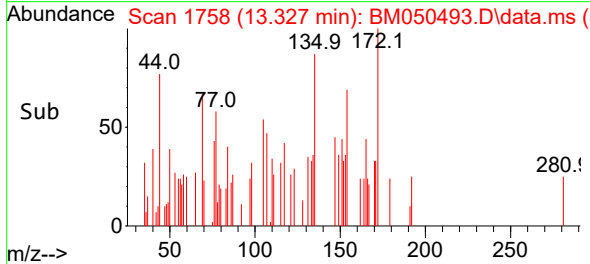
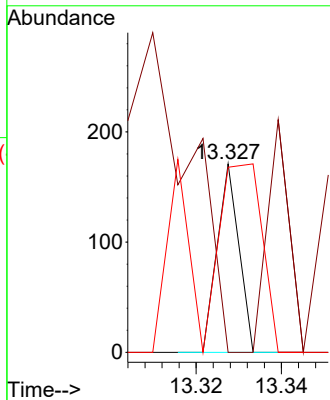
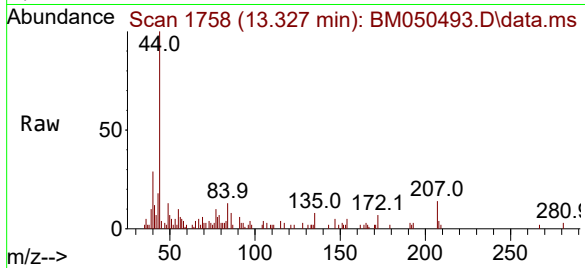




#47
2-Chloronaphthalene
Concen: 0.001 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.023 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

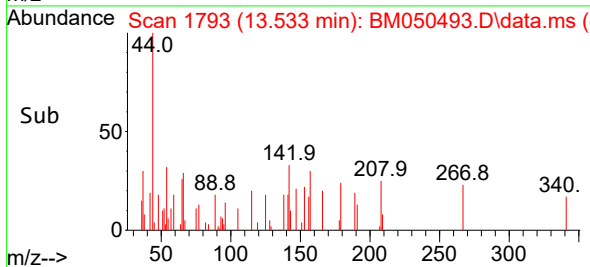
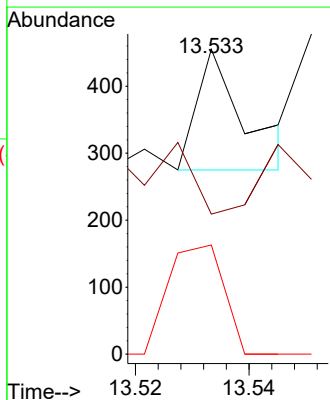
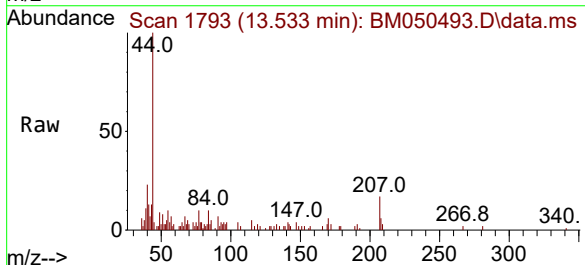
Instrument :
BNA_M
ClientSampleId :
GDW3

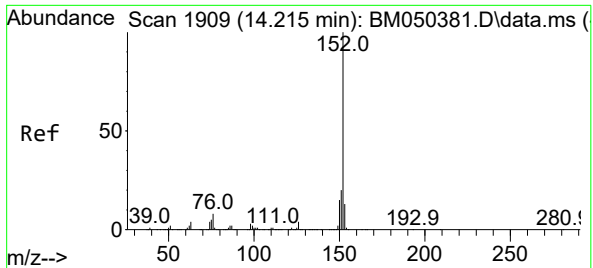
Tgt Ion:162 Resp: 60
Ion Ratio Lower Upper
162 100
127 0.0 28.3 42.5#
164 98.2 26.6 40.0#



#48
2-Nitroaniline
Concen: 0.005 ng
RT: 13.533 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 65 Resp: 106
Ion Ratio Lower Upper
65 100
92 45.9 54.3 81.5#
138 35.8 87.8 131.6#

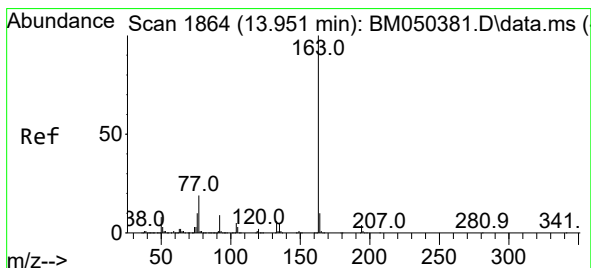
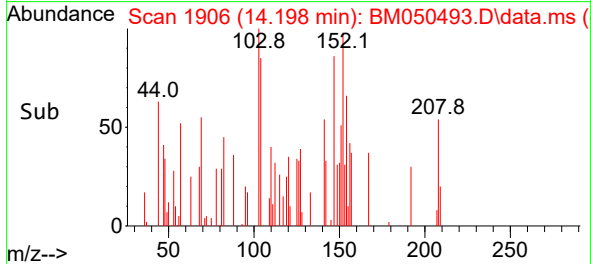
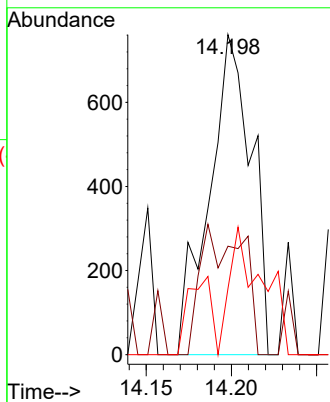
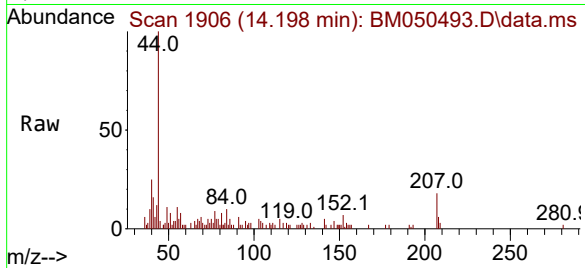




#49
Acenaphthylene
Concen: 0.009 ng
RT: 14.198 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

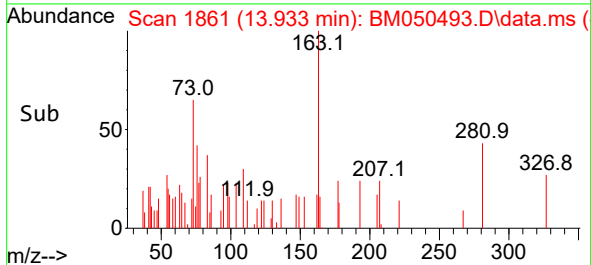
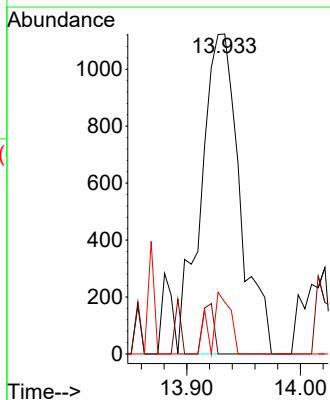
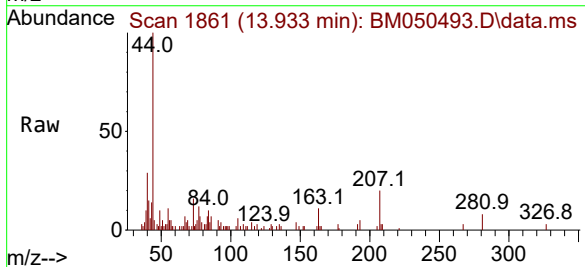
Instrument :
BNA_M
ClientSampleId :
GDW3

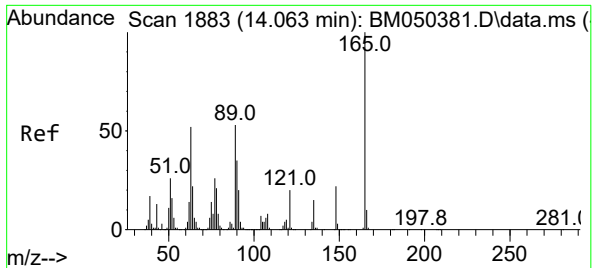
Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.9	16.3	24.5#
153	20.6	10.6	15.8#



#50
Dimethylphthalate
Concen: 0.023 ng
RT: 13.933 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.4	5.2#
164	16.2	8.2	12.2#

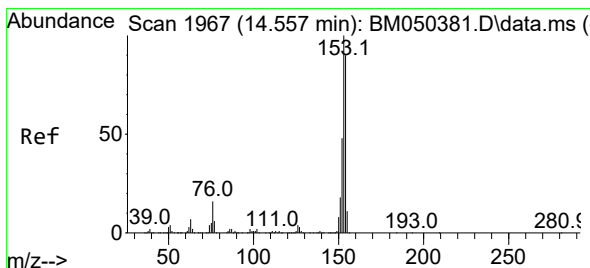
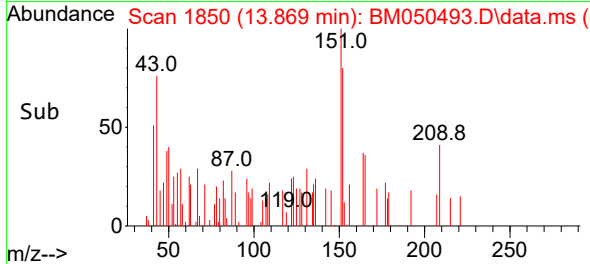
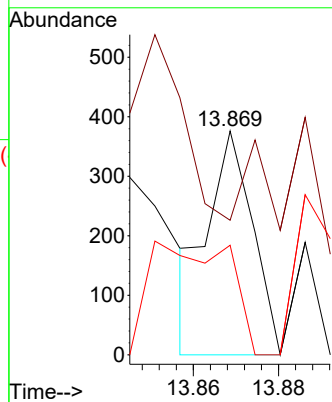
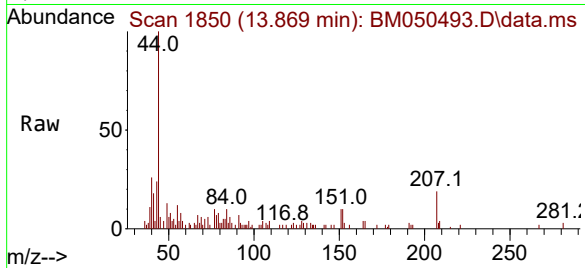




#51
2,6-Dinitrotoluene
Concen: 0.012 ng
RT: 13.869 min Scan# 1883
Delta R.T. -0.176 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

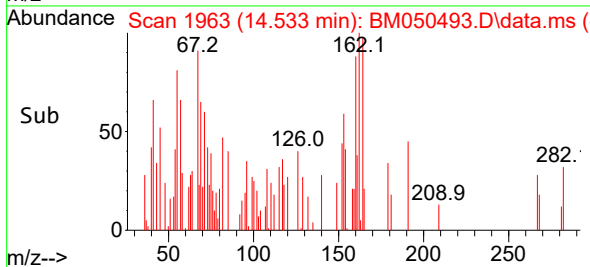
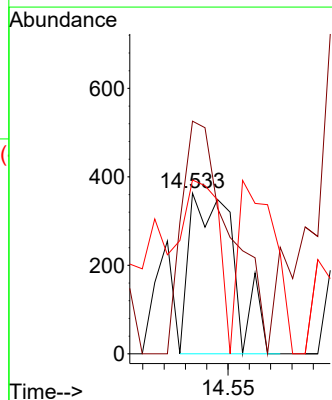
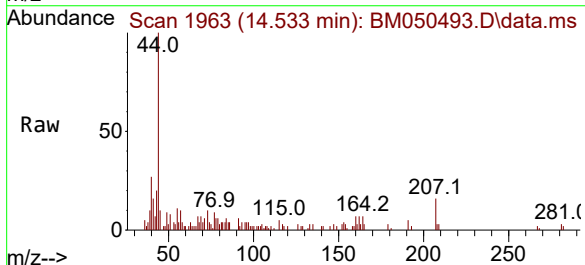
Instrument :
BNA_M
ClientSampleId :
GDW3

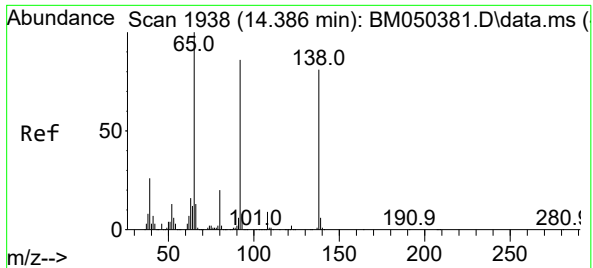
Tgt Ion:165 Resp: 270
Ion Ratio Lower Upper
165 100
63 60.1 42.4 63.6
89 48.9 42.2 63.2



#52
Acenaphthene
Concen: 0.005 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:154 Resp: 530
Ion Ratio Lower Upper
154 100
153 144.9 89.2 133.8#
152 108.3 42.6 64.0#

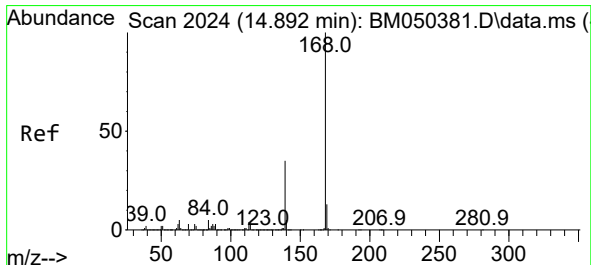
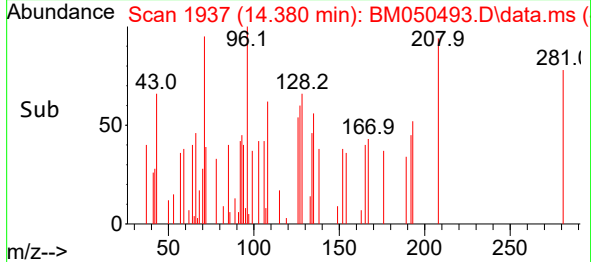
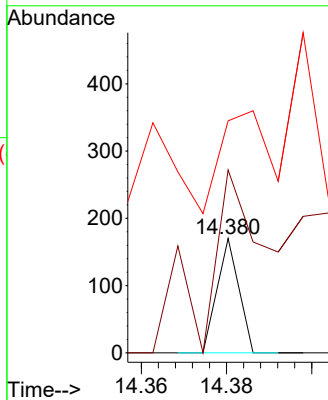
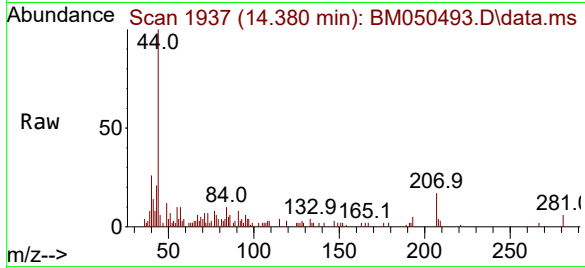




#53
3-Nitroaniline
Concen: 0.002 ng
RT: 14.380 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

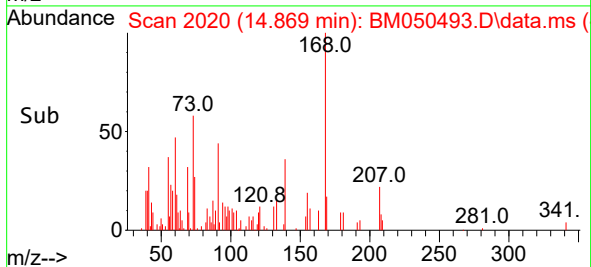
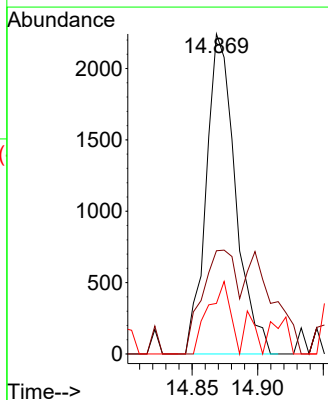
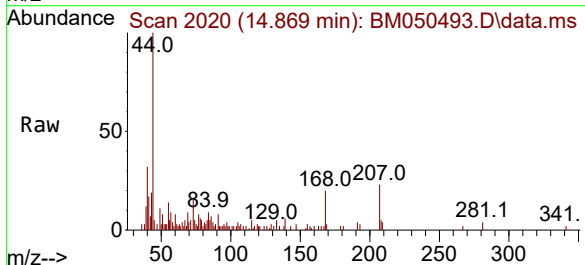
Instrument :
BNA_M
ClientSampleId :
GDW3

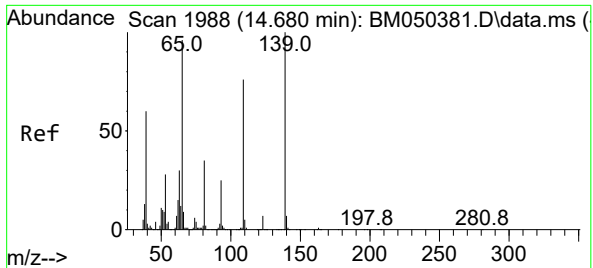
Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 160.0 8.8 13.2#
92 202.9 85.0 127.6#



#55
Dibenzofuran
Concen: 0.023 ng
RT: 14.869 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:168 Resp: 3469
Ion Ratio Lower Upper
168 100
139 32.2 27.7 41.5
169 15.8 10.7 16.1

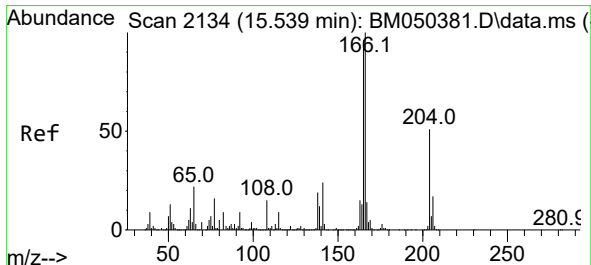
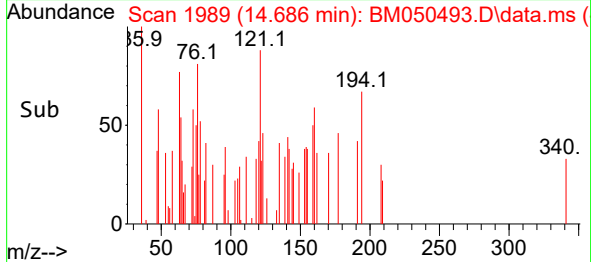
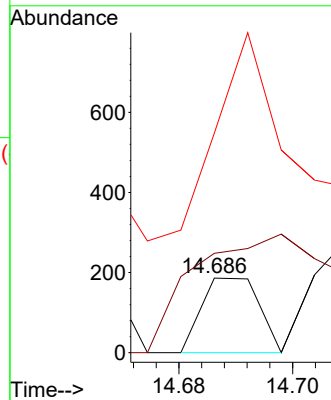
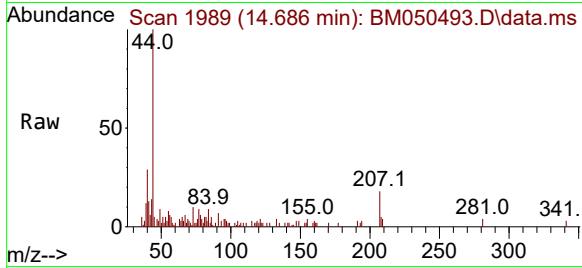




#56
4-Nitrophenol
Concen: 0.006 ng
RT: 14.686 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

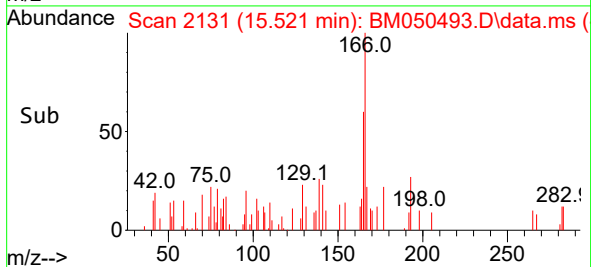
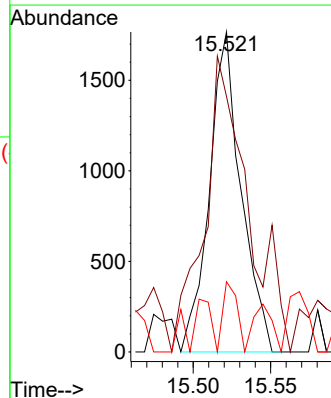
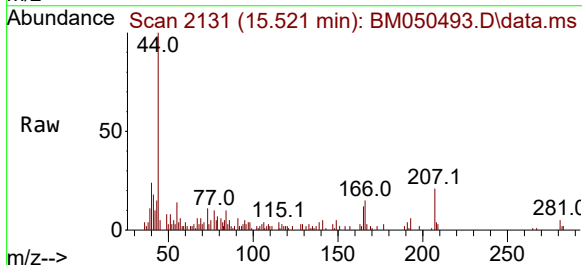
Instrument :
BNA_M
ClientSampleId :
GDW3

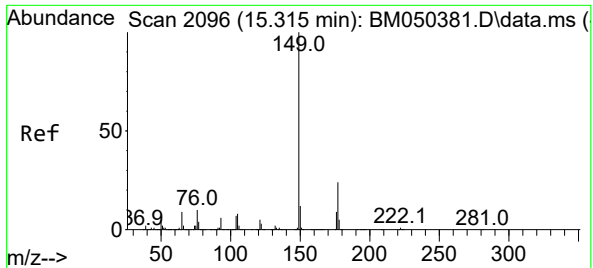
Tgt Ion:139 Resp: 131
Ion Ratio Lower Upper
139 100
109 133.3 56.5 96.5#
65 294.6 76.4 116.4#



#58
Fluorene
Concen: 0.020 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:166 Resp: 2512
Ion Ratio Lower Upper
166 100
165 79.9 77.0 115.6
167 22.0 10.9 16.3#

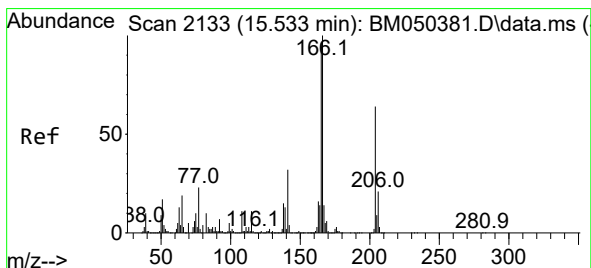
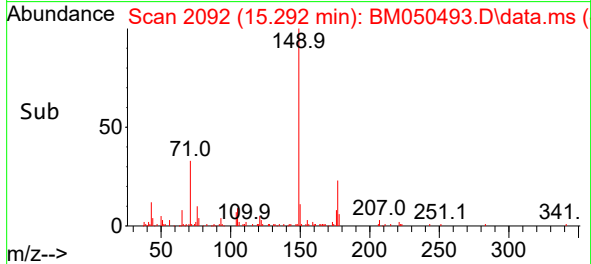
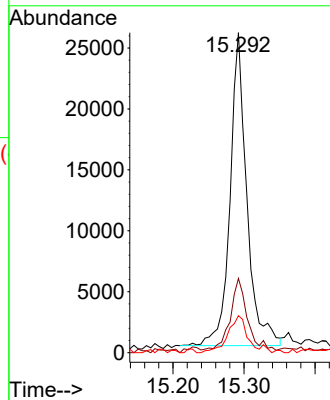
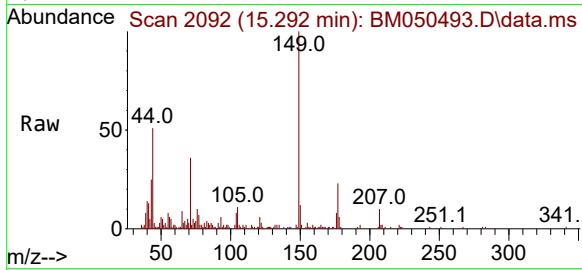




#60
Diethylphthalate
Concen: 0.375 ng
RT: 15.292 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

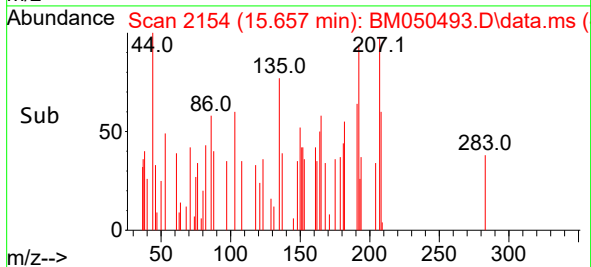
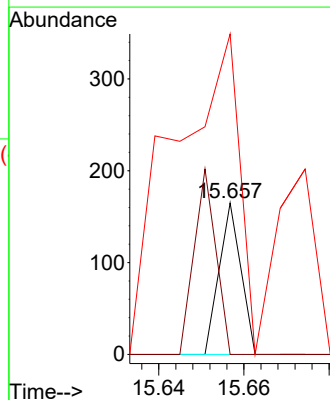
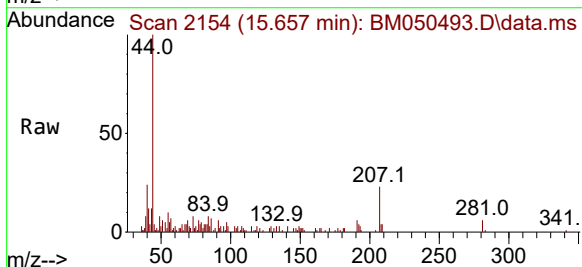
Instrument :
BNA_M
ClientSampleId :
GDW3

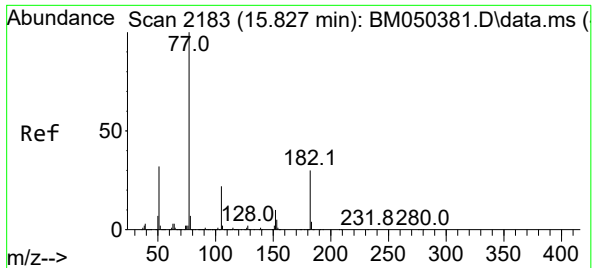
Tgt Ion:149 Resp: 42281
Ion Ratio Lower Upper
149 100
177 23.2 18.8 28.2
150 11.6 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 0.001 ng
RT: 15.657 min Scan# 2154
Delta R.T. 0.141 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:204 Resp: 58
Ion Ratio Lower Upper
204 100
206 0.0 26.6 39.8#
141 211.5 39.9 59.9#

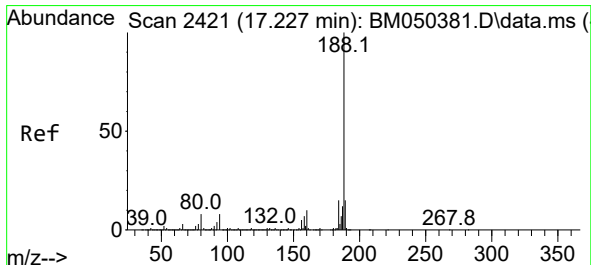
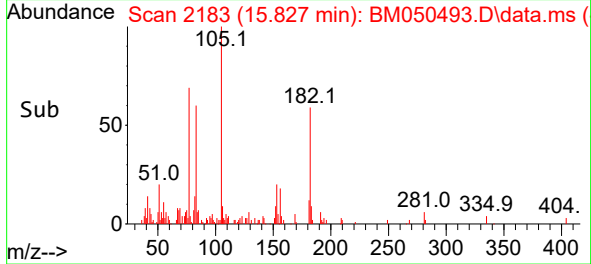
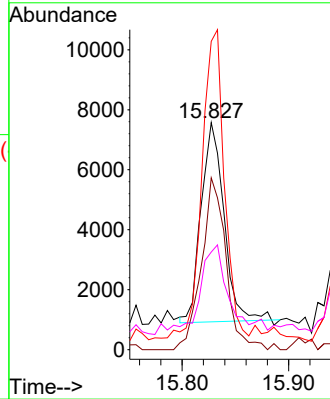
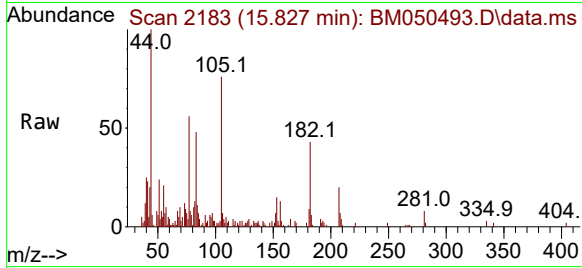




#63
Azobenzene
Concen: 0.096 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.024 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

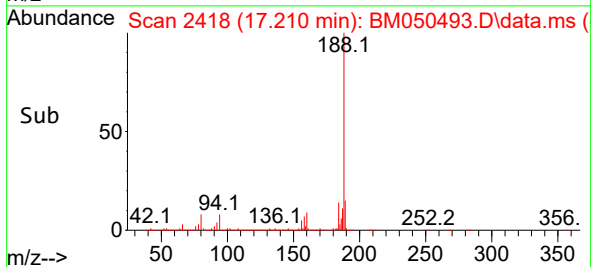
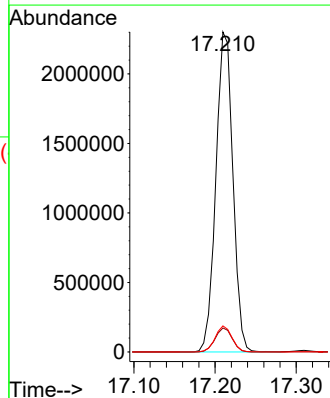
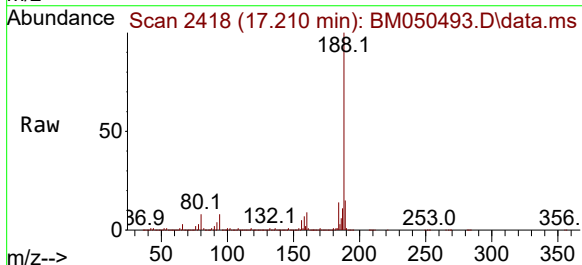
Instrument :
BNA_M
ClientSampleId :
GDW3

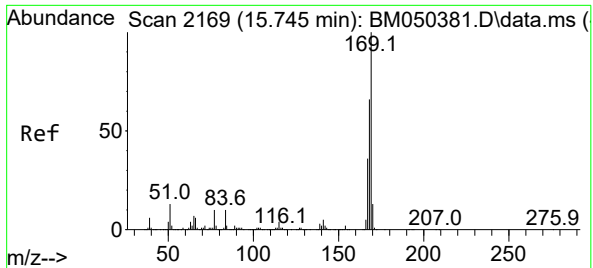
Tgt Ion: 77 Resp: 9906
Ion Ratio Lower Upper
77 100
182 75.7 10.0 50.0#
105 135.8 2.0 42.0#
51 43.0 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion: 188 Resp: 3357460
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.1 6.5 9.7

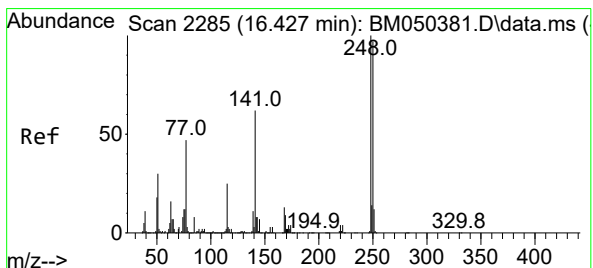
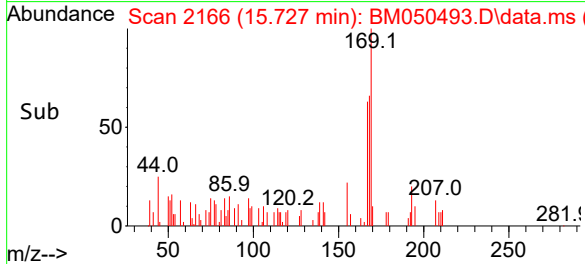
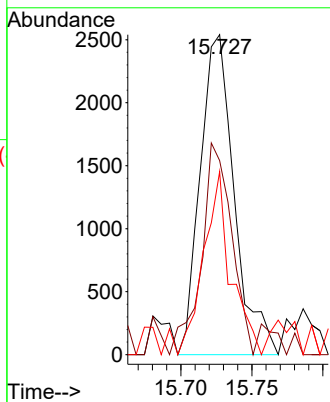
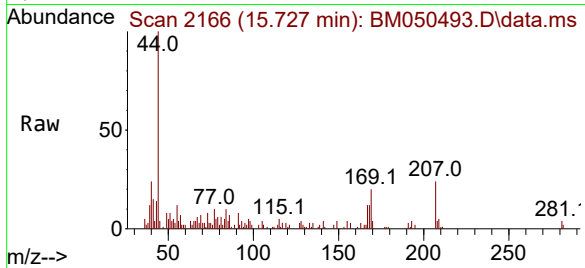




#66
n-Nitrosodiphenylamine
Concen: 0.040 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

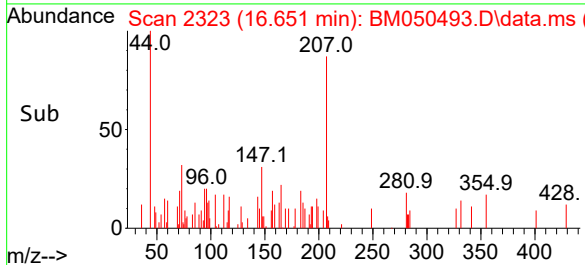
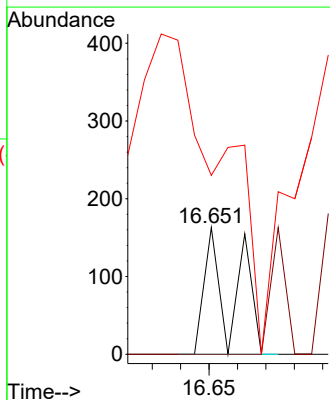
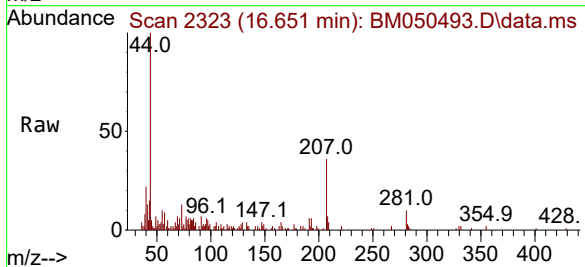
Instrument :
BNA_M
ClientSampleId :
GDW3

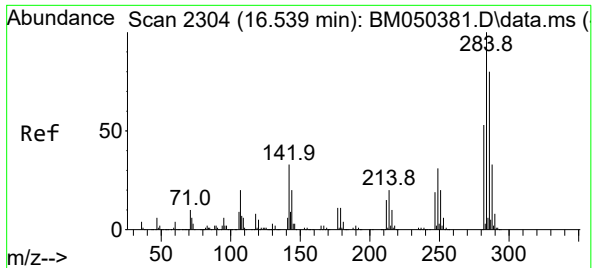
Tgt Ion:169 Resp: 4242
Ion Ratio Lower Upper
169 100
168 60.6 53.2 79.8
167 57.2 28.7 43.1#



#67
4-Bromophenyl-phenylether
Concen: 0.003 ng
RT: 16.651 min Scan# 2323
Delta R.T. 0.247 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:248 Resp: 112
Ion Ratio Lower Upper
248 100
250 0.0 77.9 116.9#
141 141.1 49.7 74.5#

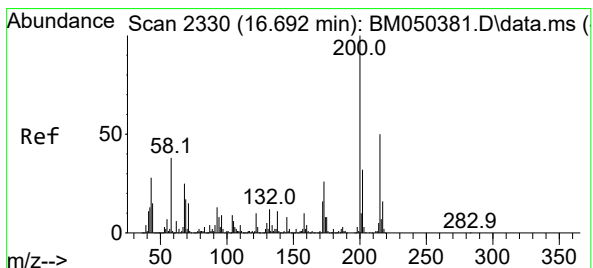
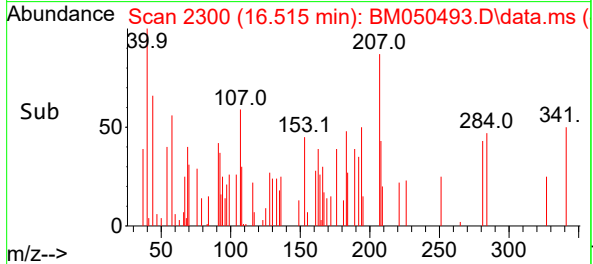
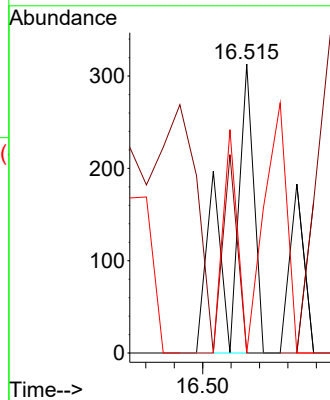
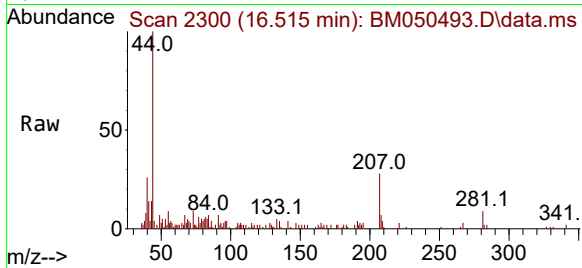




#68
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

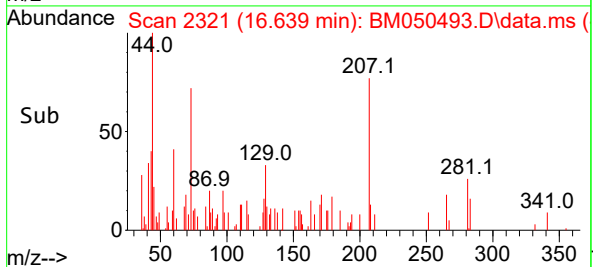
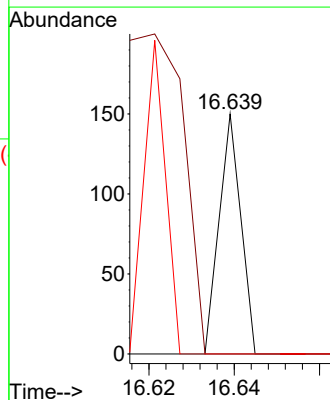
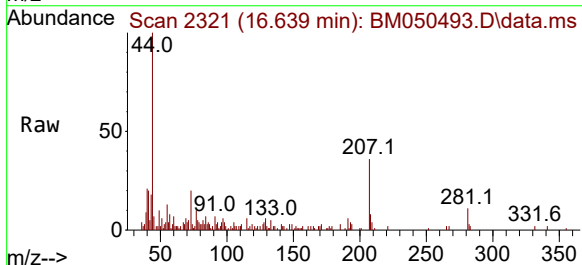
Instrument :
BNA_M
ClientSampleId :
GDW3

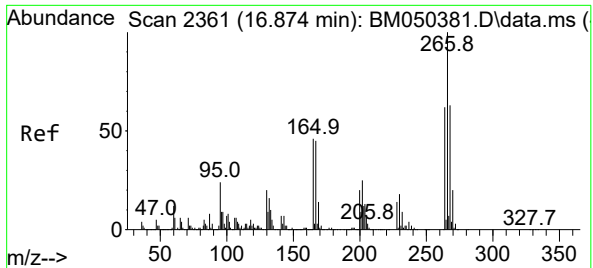
Tgt Ion:284 Resp: 180
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 24.5 36.7#



#69
Atrazine
Concen: 0.002 ng
RT: 16.639 min Scan# 2321
Delta R.T. -0.035 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:200 Resp: 53
Ion Ratio Lower Upper
200 100
173 0.0 5.6 45.6#
215 0.0 29.6 69.6#

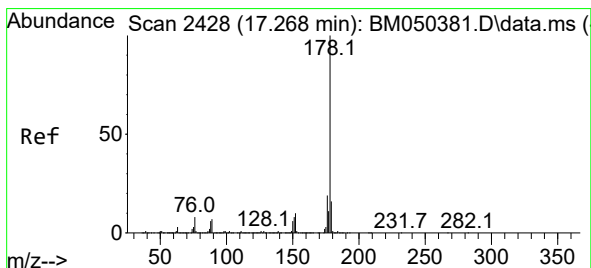
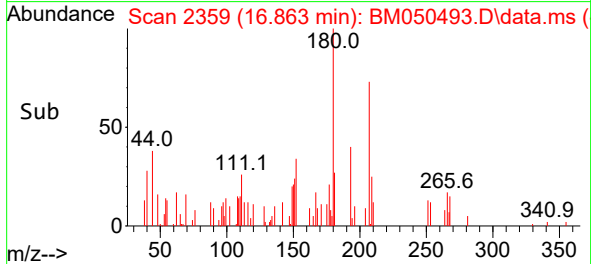
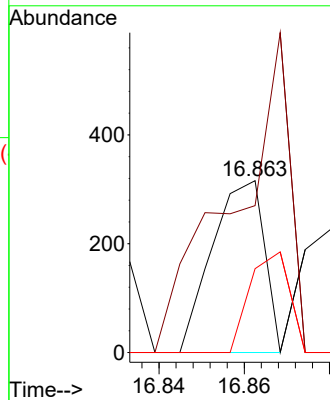
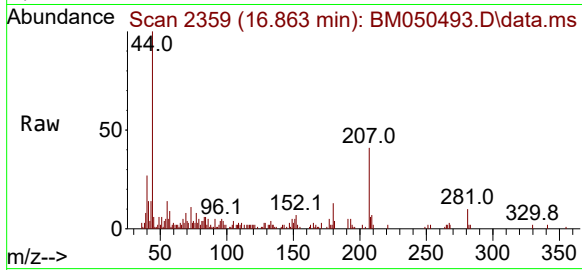




#70
Pentachlorophenol
Concen: 0.010 ng
RT: 16.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

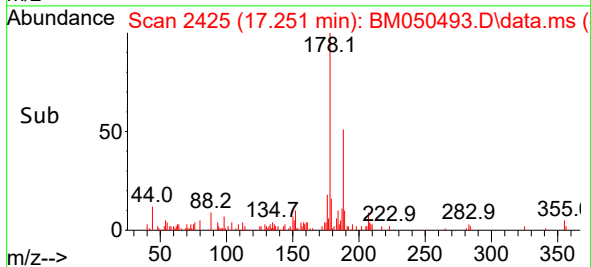
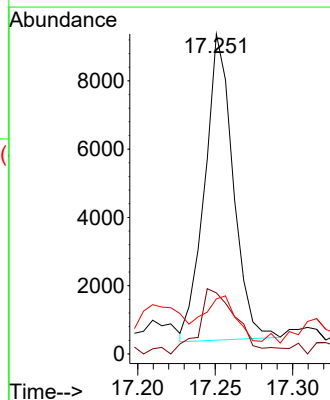
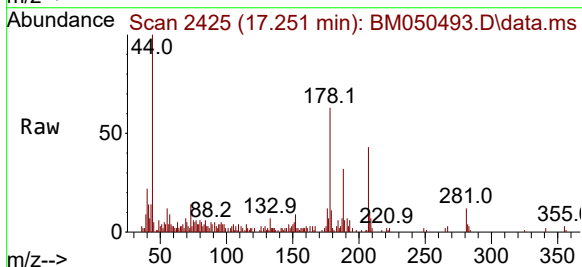
Instrument :
BNA_M
ClientSampleId :
GDW3

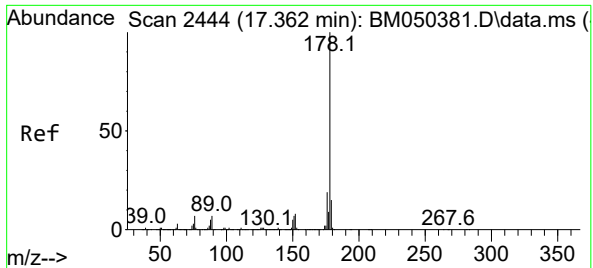
Tgt Ion	Ratio	Lower	Upper
266	100		
268	85.4	50.5	75.7#
264	48.7	49.9	74.9#



#71
Phenanthrene
Concen: 0.060 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	17.2	12.5	18.7

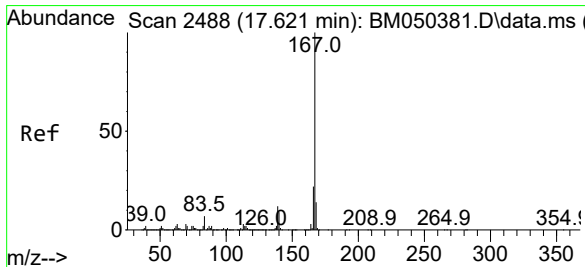
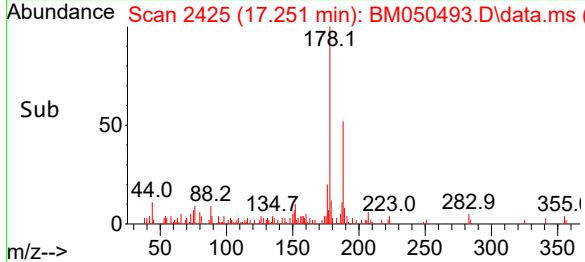
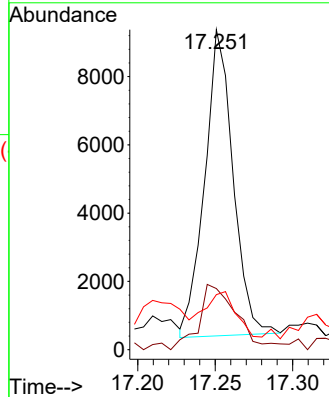
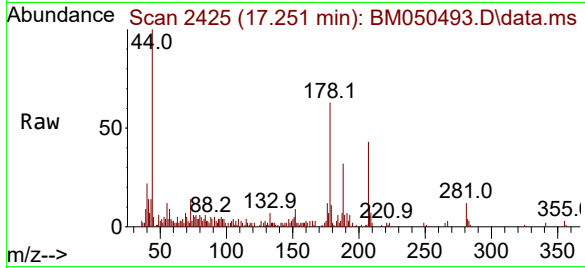




#72
Anthracene
Concen: 0.060 ng
RT: 17.251 min Scan# 2444
Delta R.T. -0.088 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

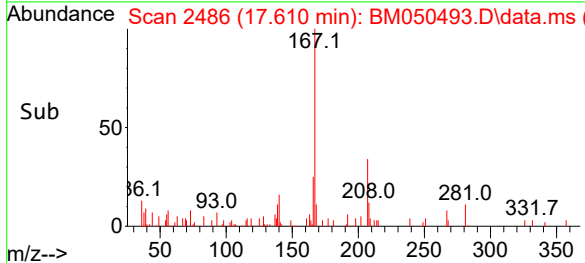
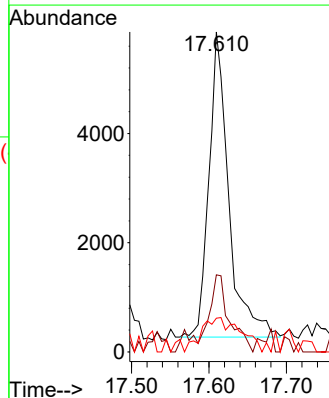
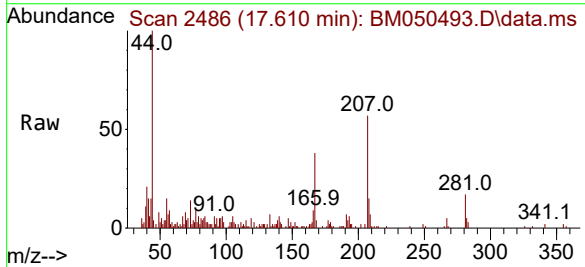
Instrument :
BNA_M
ClientSampleId :
GDW3

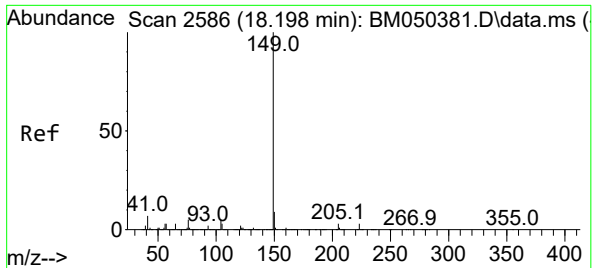
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	17.2	12.2	18.4



#73
Carbazole
Concen: 0.058 ng
RT: 17.610 min Scan# 2486
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.2	25.8
139	10.5	9.9	14.9

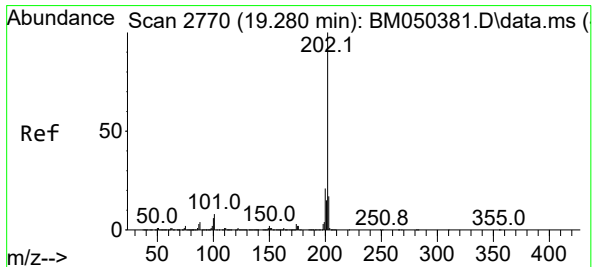
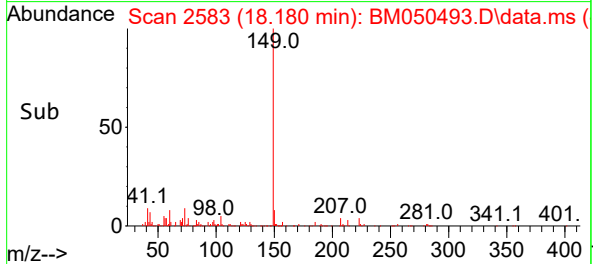
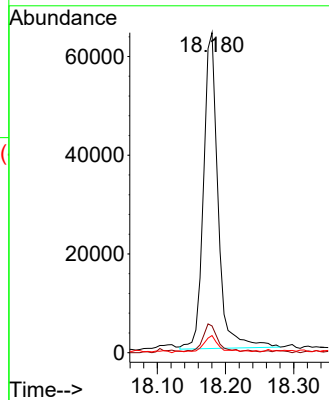
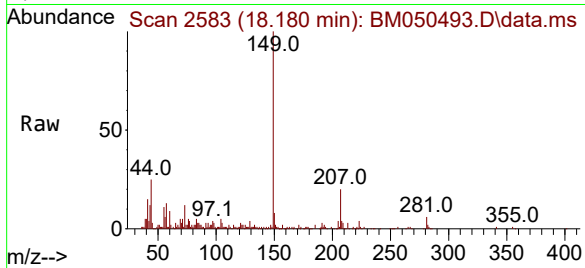




#74
Di-n-butylphthalate
Concen: 0.507 ng
RT: 18.180 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

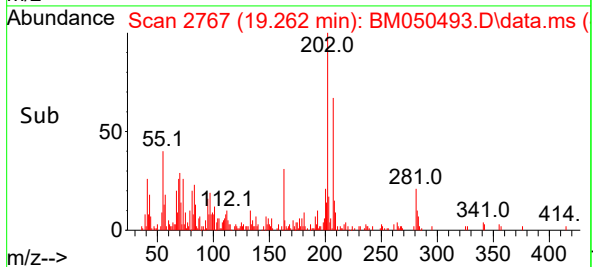
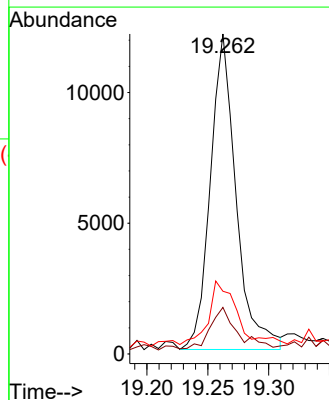
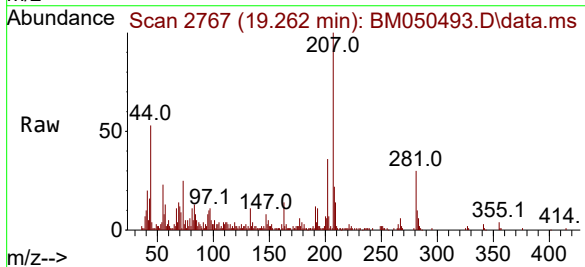
Instrument :
BNA_M
ClientSampleId :
GDW3

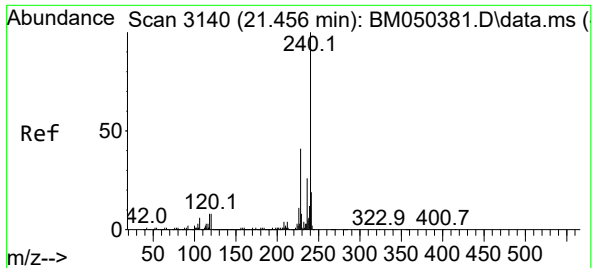
Tgt Ion:149 Resp: 95025
Ion Ratio Lower Upper
149 100
150 8.3 7.3 10.9
104 5.3 3.9 5.9



#75
Fluoranthene
Concen: 0.086 ng
RT: 19.262 min Scan# 2767
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:202 Resp: 17770
Ion Ratio Lower Upper
202 100
101 14.6 0.0 28.3
203 19.6 0.0 37.2

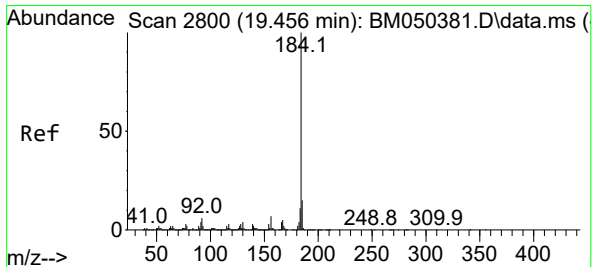
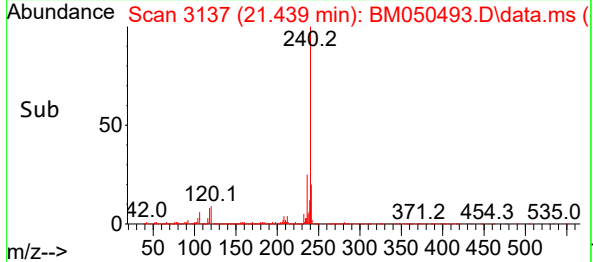
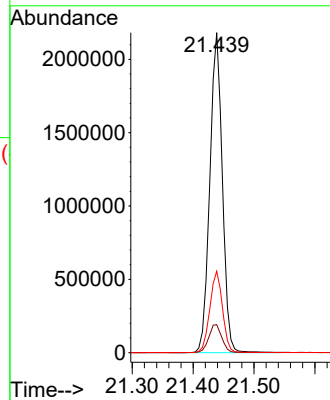
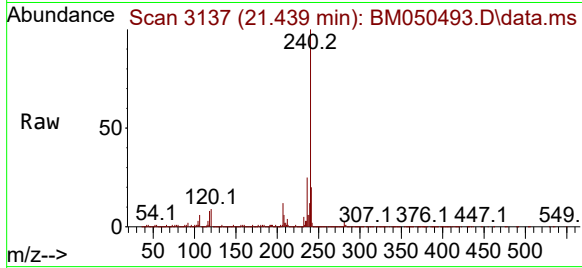




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3140
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

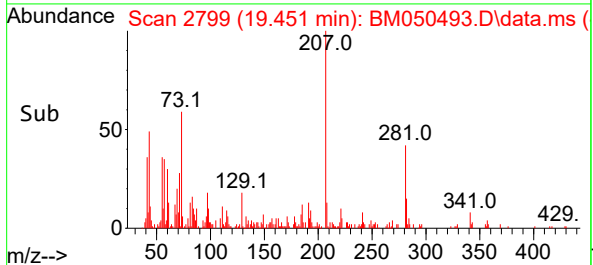
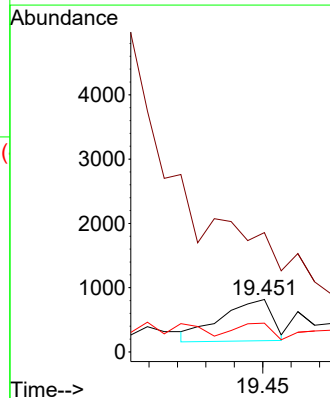
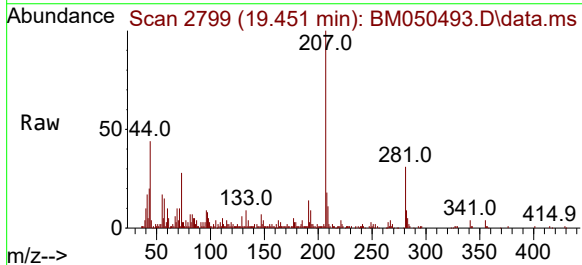
Instrument :
BNA_M
ClientSampleId :
GDW3

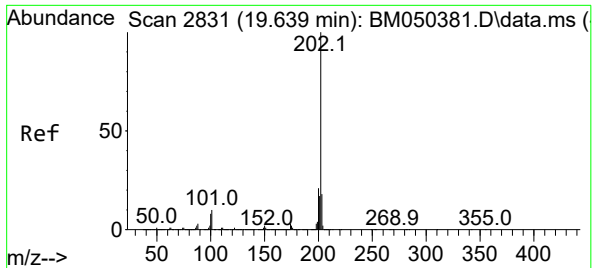
Tgt Ion:240 Resp: 3117073
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 25.5 20.7 31.1



#77
Benzidine
Concen: 0.010 ng
RT: 19.451 min Scan# 2799
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:184 Resp: 810
Ion Ratio Lower Upper
184 100
185 227.7 11.7 17.5#
183 54.9 9.0 13.6#

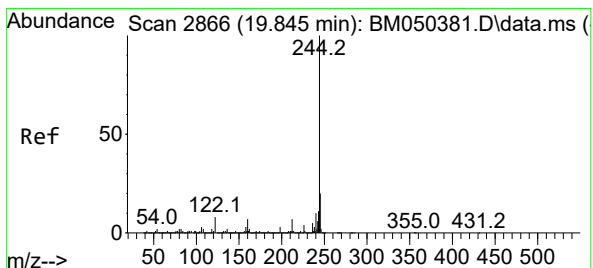
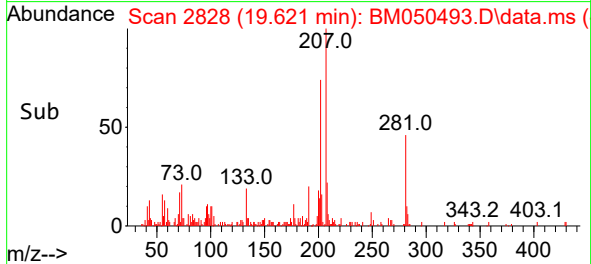
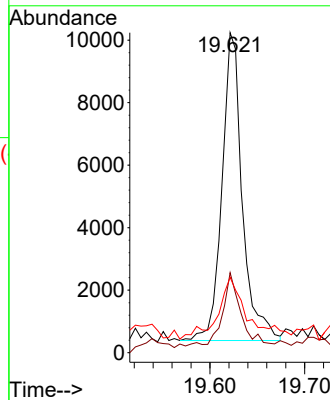
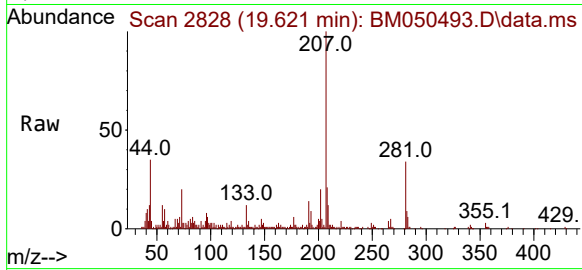




#78
Pyrene
Concen: 0.074 ng
RT: 19.621 min Scan# 2828
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

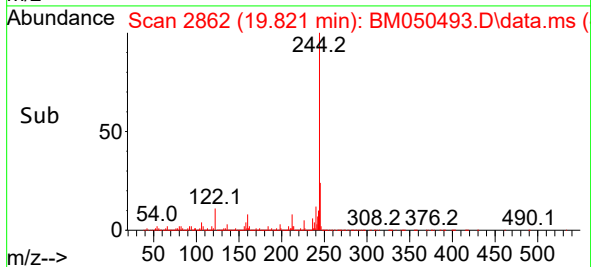
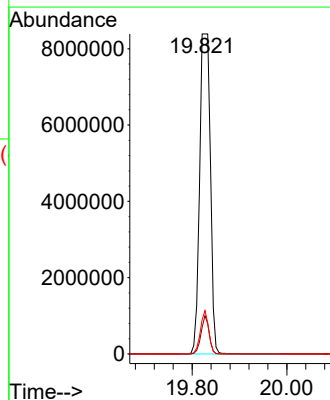
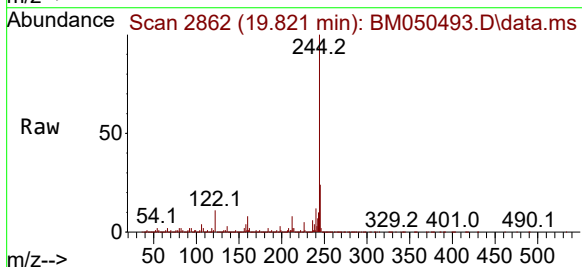
Instrument :
BNA_M
ClientSampleId :
GDW3

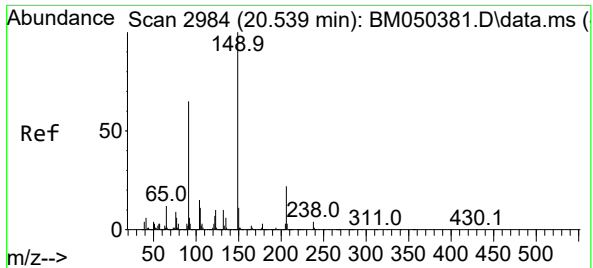
Tgt Ion:202 Resp: 14733
Ion Ratio Lower Upper
202 100
200 25.0 16.9 25.3
203 23.5 14.1 21.1#



#79
Terphenyl-d14
Concen: 74.435 ng
RT: 19.821 min Scan# 2862
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:244 Resp:13186934
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 10.7 6.2 9.2#

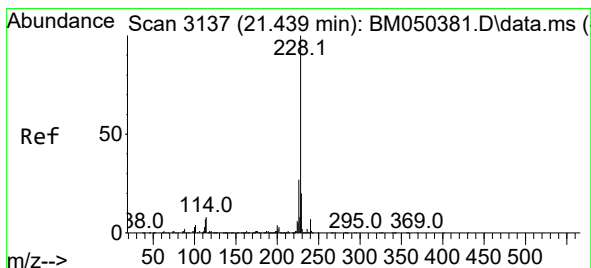
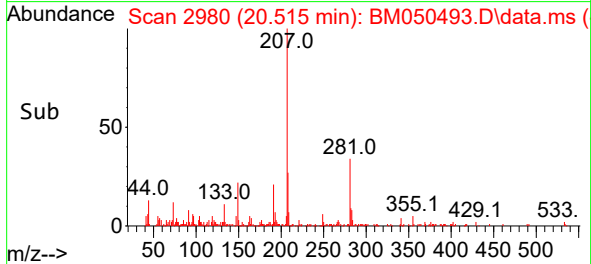
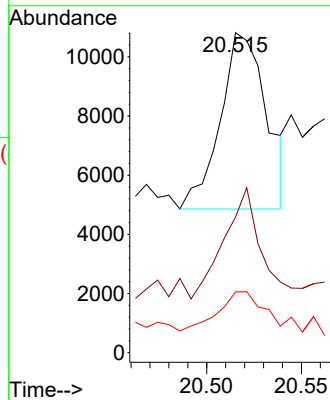
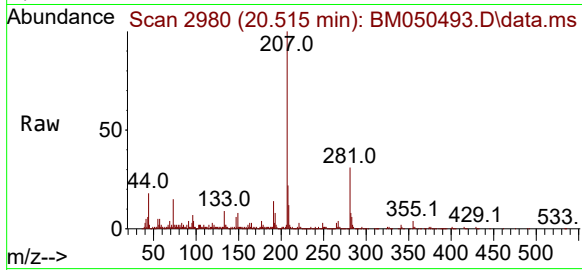




#80
Butylbenzylphthalate
Concen: 0.154 ng
RT: 20.515 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

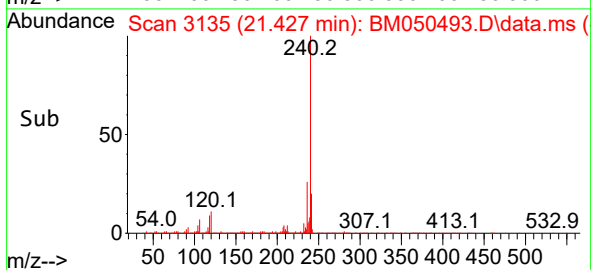
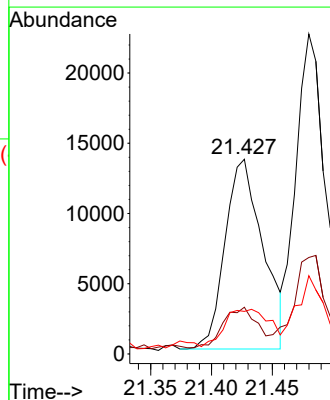
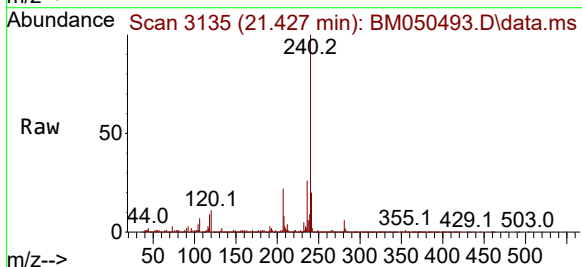
Instrument :
BNA_M
ClientSampleId :
GDW3

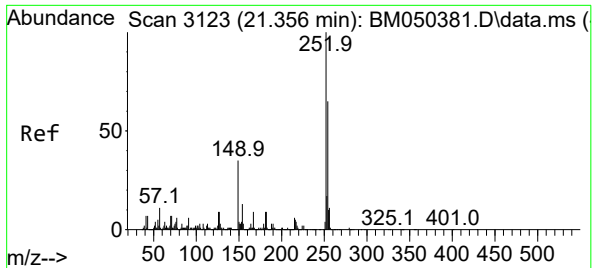
Tgt Ion:149 Resp: 10117
Ion Ratio Lower Upper
149 100
91 42.4 51.6 77.4#
206 19.0 17.8 26.8



#81
Benzo(a)anthracene
Concen: 0.144 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:228 Resp: 29234
Ion Ratio Lower Upper
228 100
226 23.9 21.8 32.8
229 21.9 16.0 24.0

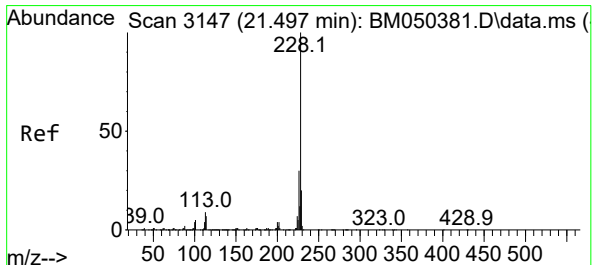
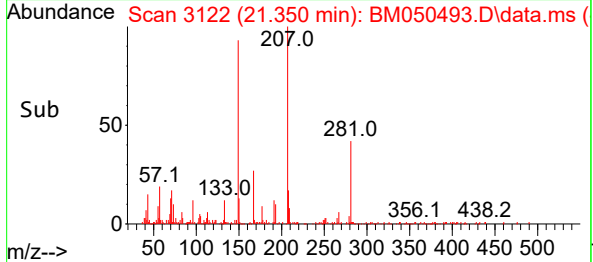
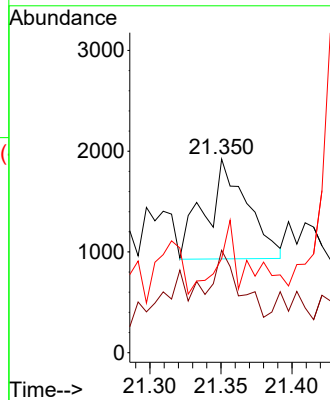
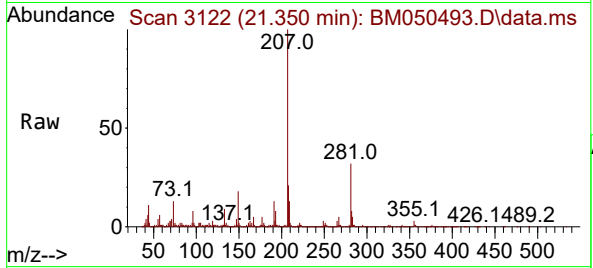




#82
3,3'-Dichlorobenzidine
Concen: 0.029 ng
RT: 21.350 min Scan# 3122
Delta R.T. 0.018 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

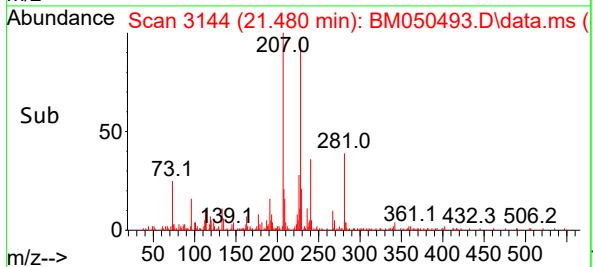
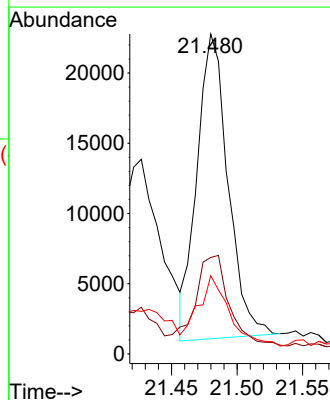
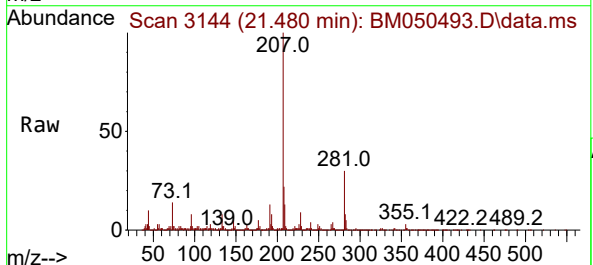
Instrument :
BNA_M
ClientSampleId :
GDW3

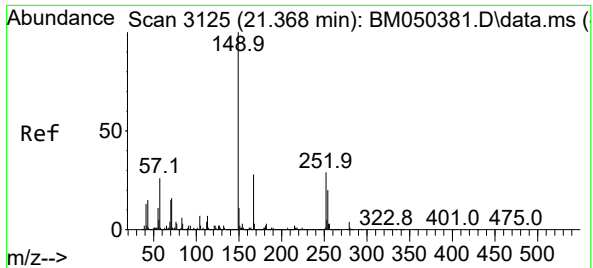
Tgt Ion:252 Resp: 2009
Ion Ratio Lower Upper
252 100
254 52.9 51.7 77.5
126 48.6 7.3 10.9#



#83
Chrysene
Concen: 0.186 ng
RT: 21.480 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:228 Resp: 35726
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.4
229 24.5 15.8 23.6#

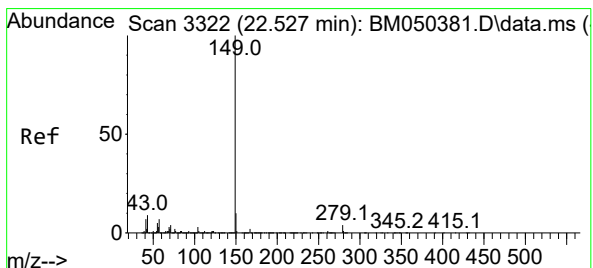
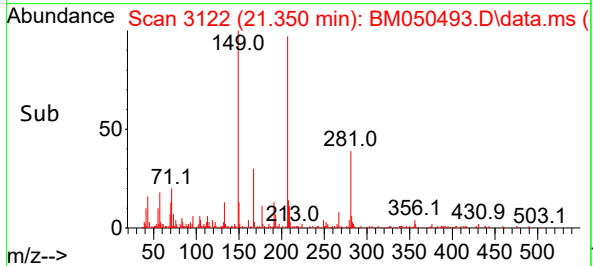
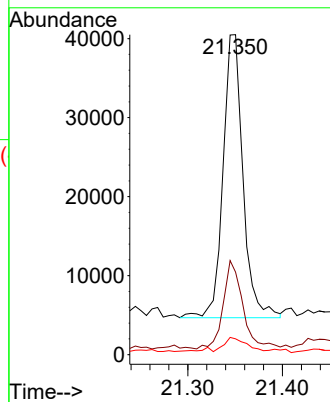
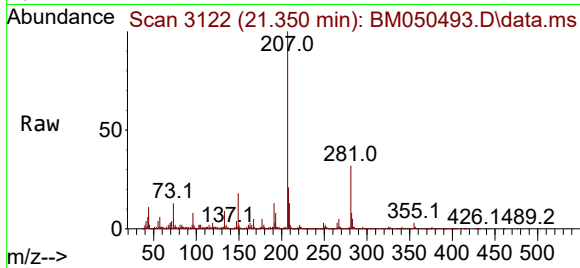




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.502 ng
RT: 21.350 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

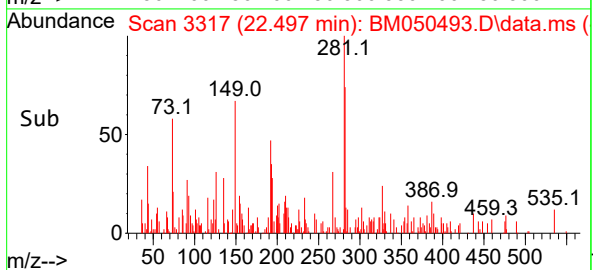
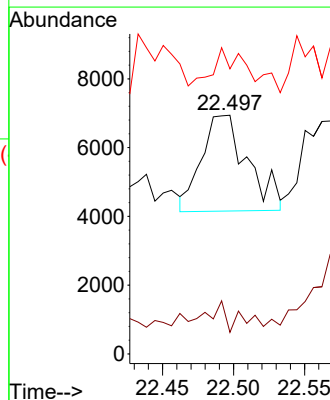
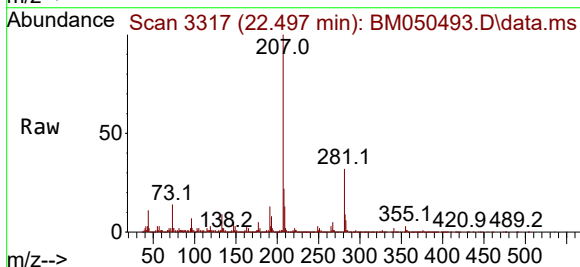
Instrument :
BNA_M
ClientSampleId :
GDW3

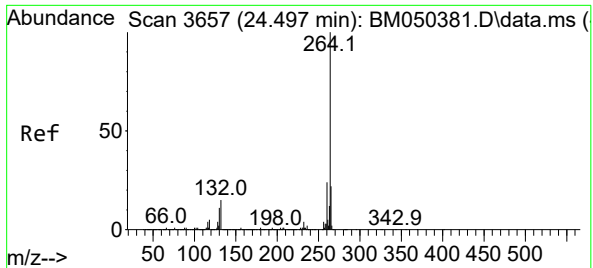
Tgt Ion:149 Resp: 52494
Ion Ratio Lower Upper
149 100
167 25.8 22.7 34.1
279 5.0 3.5 5.3



#85
Di-n-octyl phthalate
Concen: 0.038 ng
RT: 22.497 min Scan# 3317
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:149 Resp: 6287
Ion Ratio Lower Upper
149 100
167 10.6 1.3 1.9#
43 35.5 7.7 11.5#

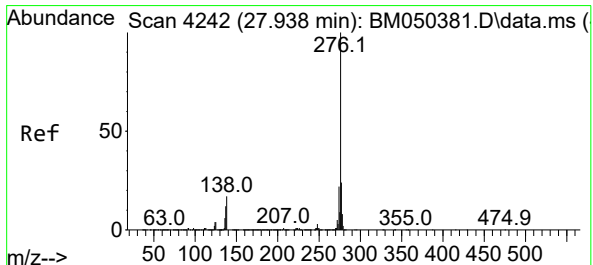
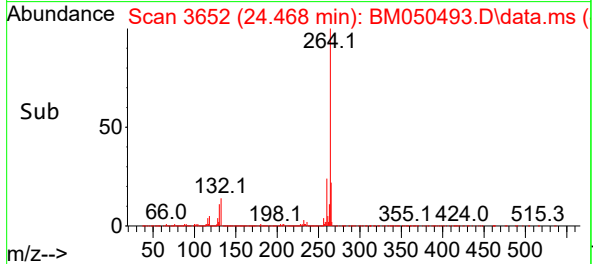
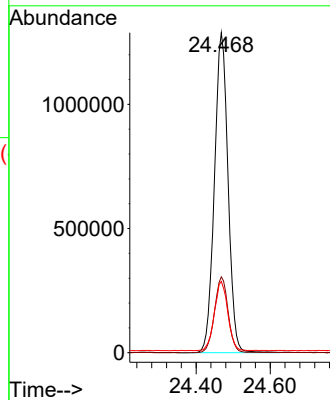
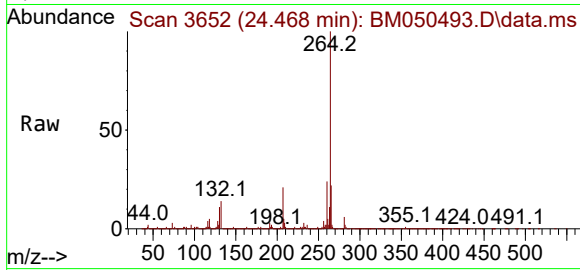




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

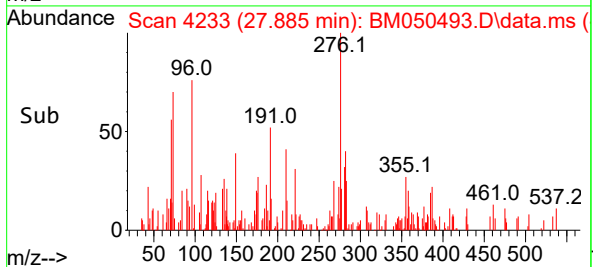
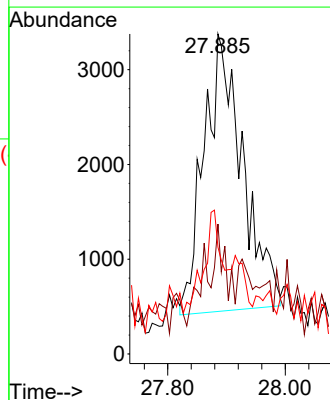
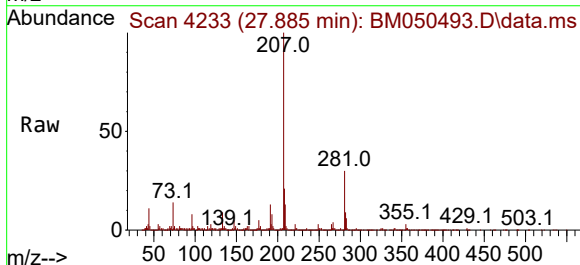
Instrument :
BNA_M
ClientSampleId :
GDW3

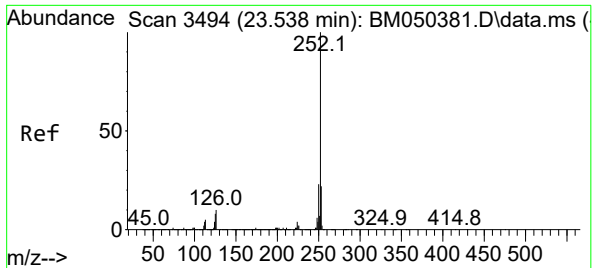
Tgt Ion:264 Resp: 3289265
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.3 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 27.885 min Scan# 4233
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:276 Resp: 13227
Ion Ratio Lower Upper
276 100
138 6.9 17.0 25.6#
277 14.2 20.0 30.0#

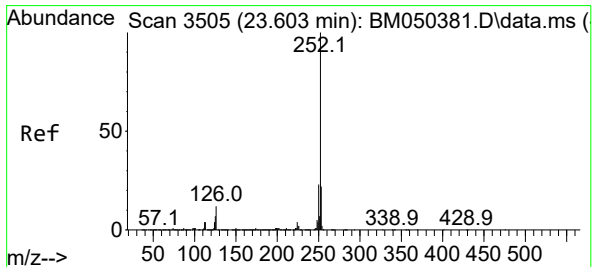
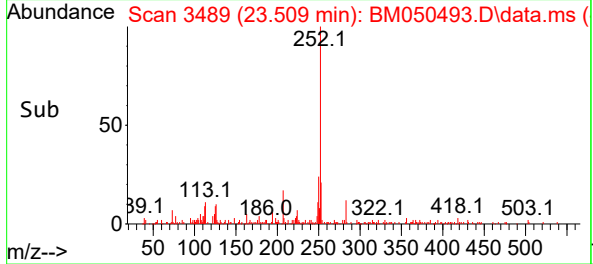
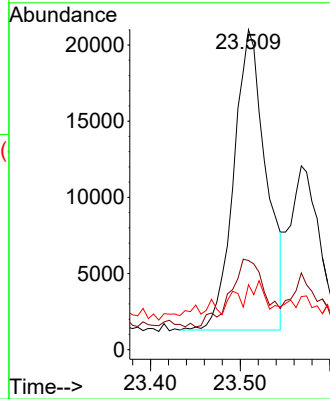
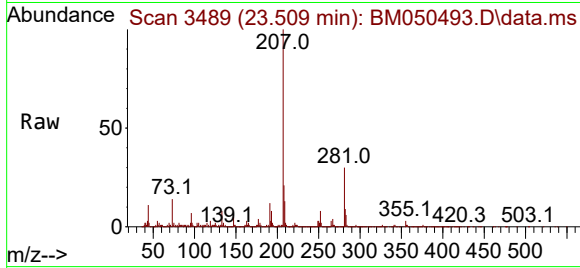




#88
Benzo(b)fluoranthene
Concen: 0.244 ng
RT: 23.509 min Scan# 3489
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

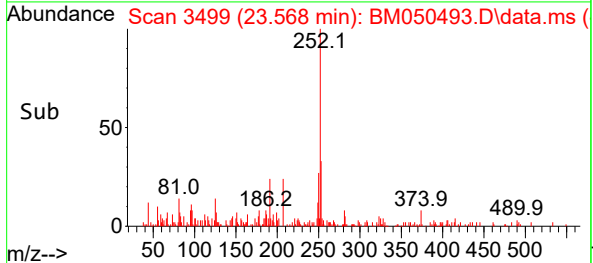
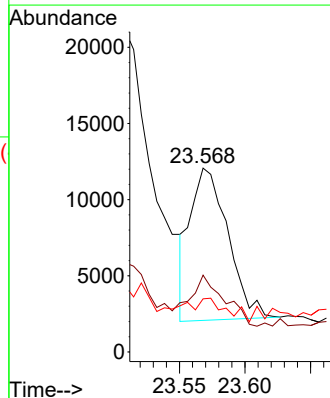
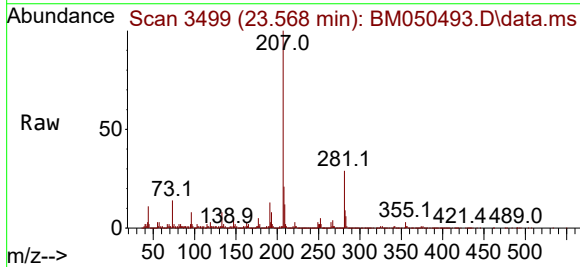
Instrument :
BNA_M
ClientSampleId :
GDW3

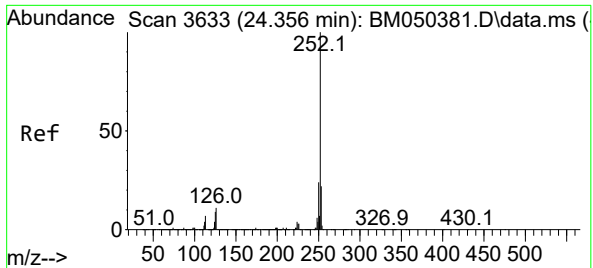
Tgt Ion:252 Resp: 49279
Ion Ratio Lower Upper
252 100
253 27.9 17.8 26.6#
125 20.3 6.3 9.5#



#89
Benzo(k)fluoranthene
Concen: 0.095 ng
RT: 23.568 min Scan# 3499
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:252 Resp: 19887
Ion Ratio Lower Upper
252 100
253 41.8 17.6 26.4#
125 28.9 6.2 9.2#

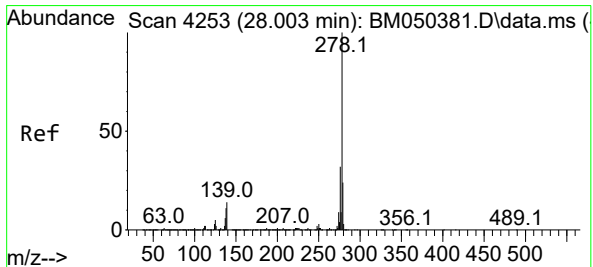
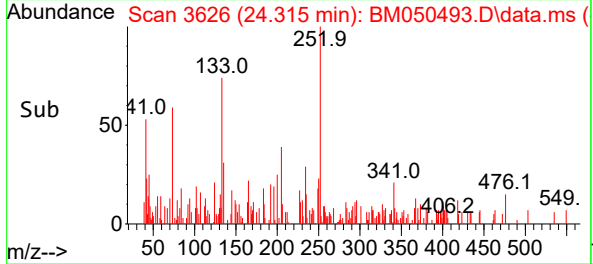
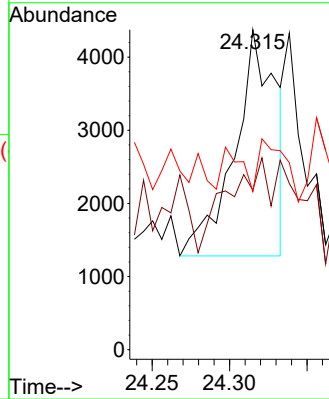
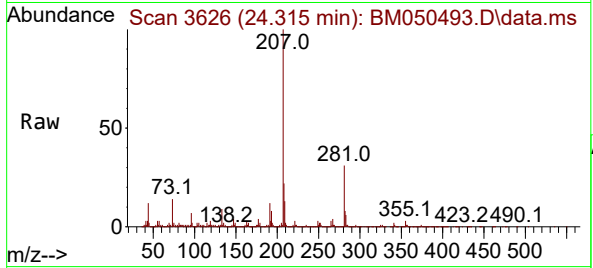




#90
Benzo(a)pyrene
Concen: 0.030 ng
RT: 24.315 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

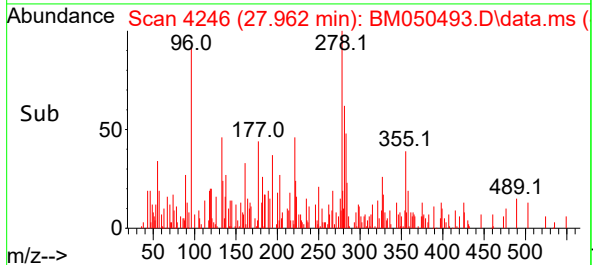
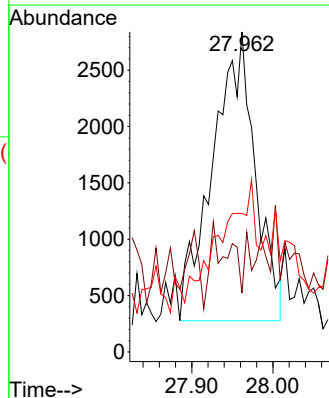
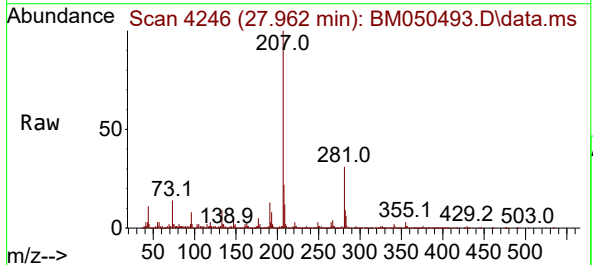
Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion:252 Resp: 5705
Ion Ratio Lower Upper
252 100
253 49.8 17.8 26.6#
125 49.4 7.0 10.4#



#91
Dibenzo(a,h)anthracene
Concen: 0.047 ng
RT: 27.962 min Scan# 4246
Delta R.T. 0.018 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:278 Resp: 9336
Ion Ratio Lower Upper
278 100
139 18.4 10.8 16.2#
279 43.3 19.4 29.0#



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050493.D
 Acq On : 23 Jul 2025 16:57
 Operator : RC/JU
 Sample : Q2664-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GDW3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	27	rVB	14263171	19001088	45.19%	9.594%
2	4.034	172	178	189	rVB	1410336	1935550	4.60%	0.977%
3	4.957	330	335	346	rVB	538712	771136	1.83%	0.389%
4	5.422	408	414	421	rBV	7029624	10377767	24.68%	5.240%
5	5.493	421	426	435	rVB	347856	743854	1.77%	0.376%
6	7.010	676	684	692	rBV	4351858	6908292	16.43%	3.488%
7	7.845	818	826	834	rBV	2691431	4173218	9.93%	2.107%
8	8.998	1007	1022	1035	rBV	8184356	13857123	32.96%	6.997%
9	10.639	1293	1301	1308	rBV	3093247	5364542	12.76%	2.709%
10	13.104	1712	1720	1732	rBV	22265389	32784523	77.97%	16.553%
11	14.474	1945	1953	1966	rBV	4651648	7070449	16.82%	3.570%
12	14.898	2017	2025	2036	rBV	687755	1119943	2.66%	0.565%
13	15.957	2198	2205	2226	rBV	16880554	24848926	59.10%	12.547%
14	17.210	2412	2418	2430	rVB2	5297270	7863657	18.70%	3.970%
15	18.104	2565	2570	2579	rBV	836862	1515452	3.60%	0.765%
16	19.380	2783	2787	2800	rBV	640614	1221472	2.91%	0.617%
17	19.827	2857	2863	2869	rBV2	34626228	42047035	100.00%	21.230%
18	21.439	3131	3137	3143	rBV	5602315	8062179	19.17%	4.071%
19	24.468	3644	3652	3670	rVB	3229910	8386435	19.95%	4.234%

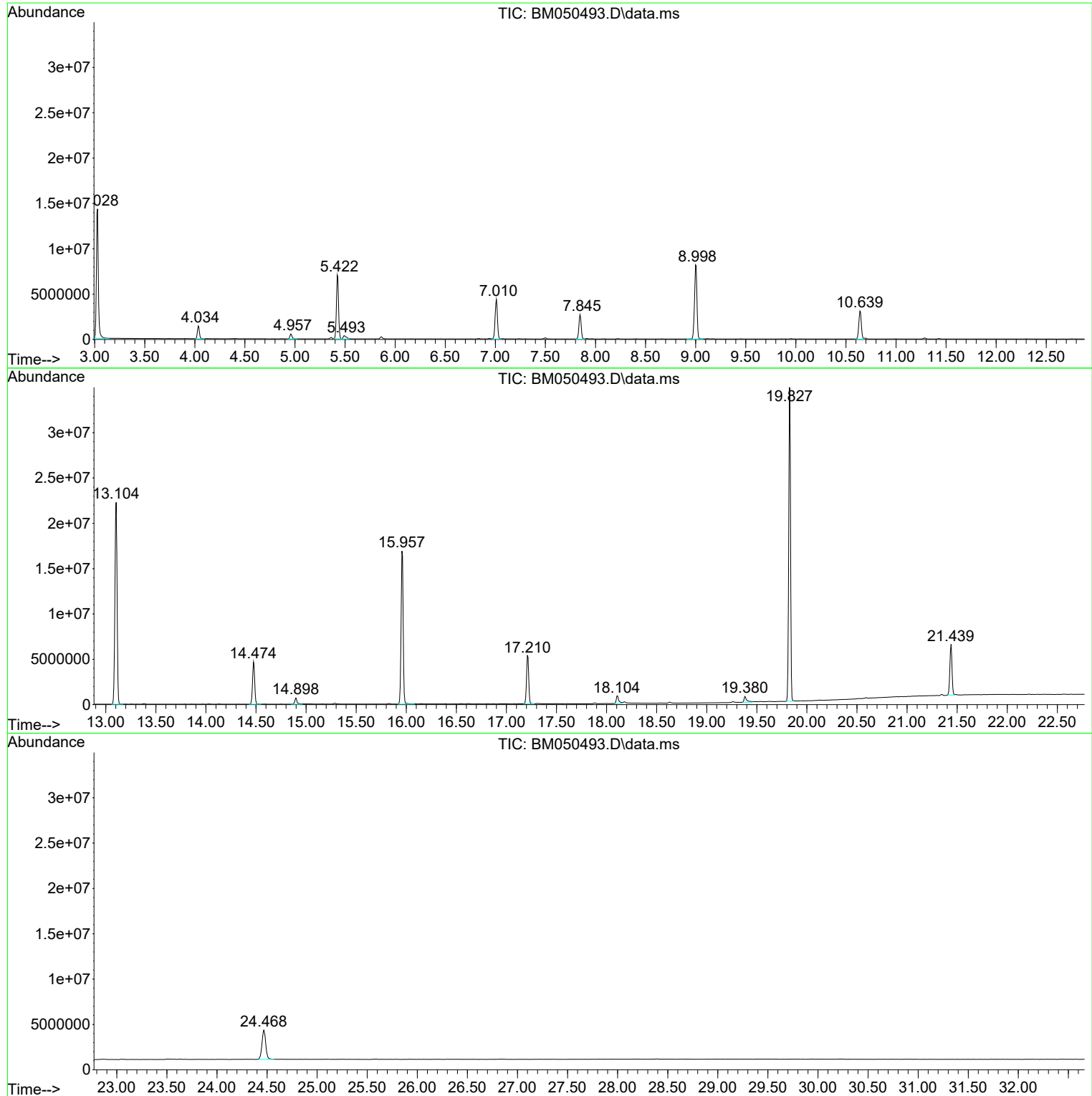
Sum of corrected areas: 198052641

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

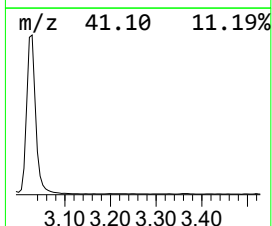
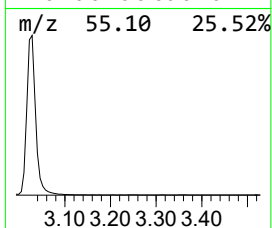
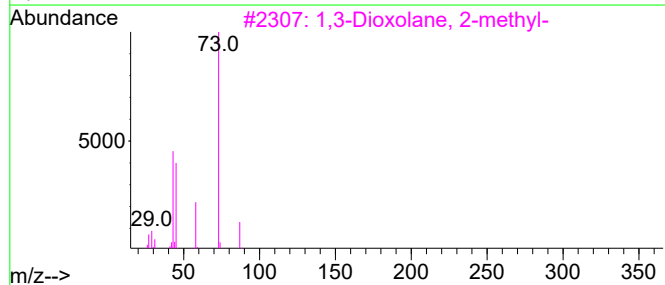
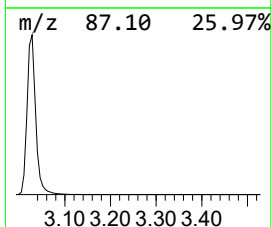
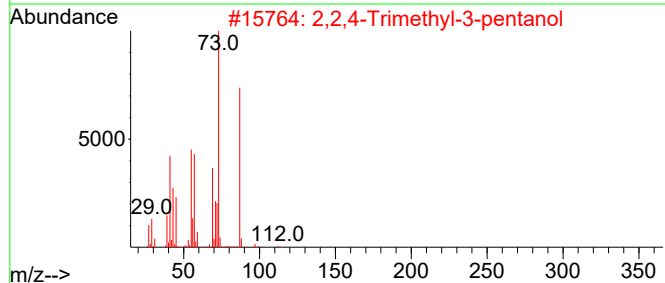
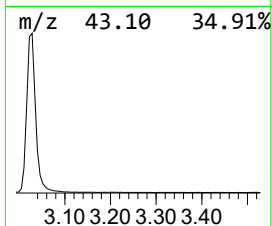
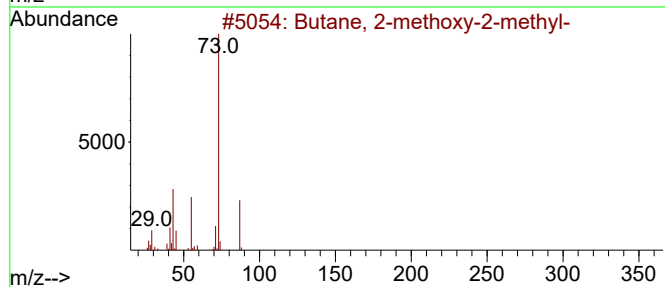
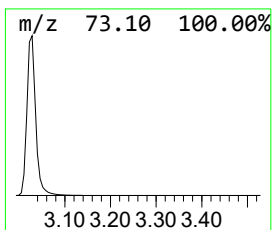
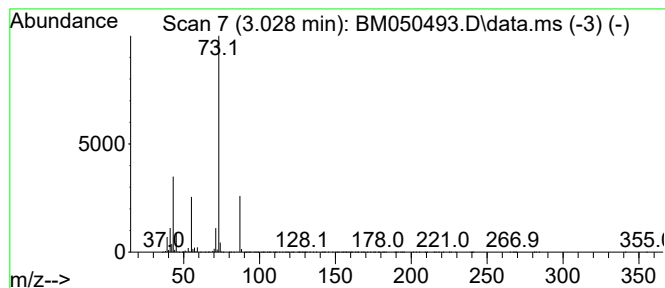
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	91.06 ng	19001100	1,4-Dichlorobenzene-d4	7.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

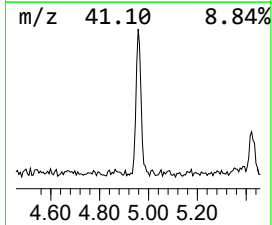
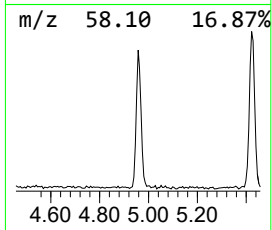
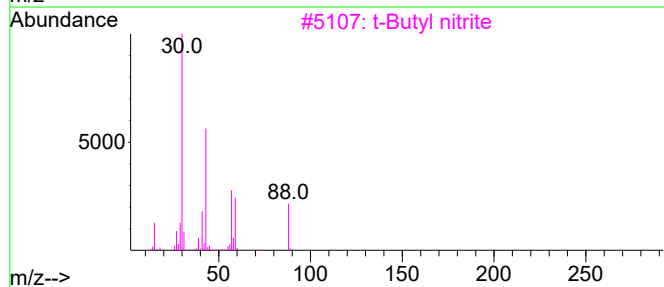
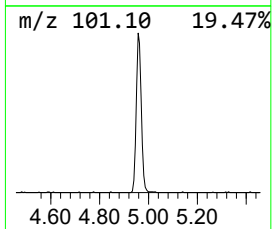
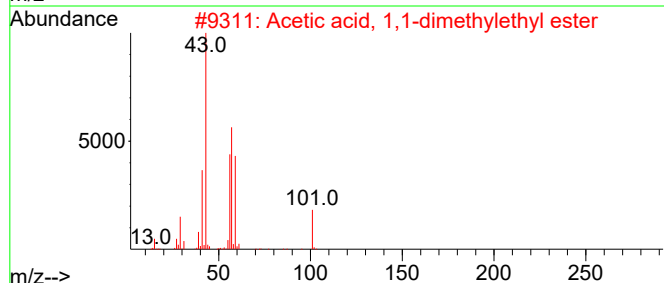
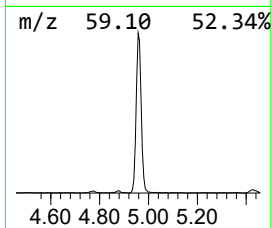
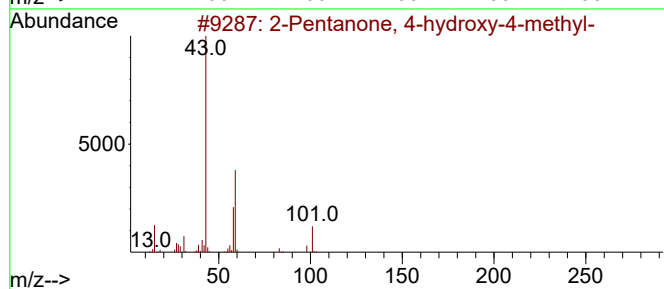
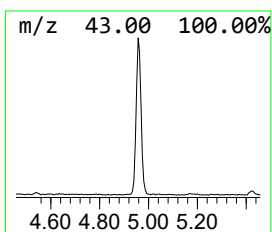
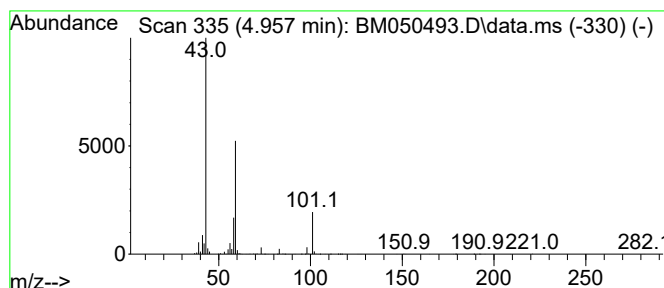
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.957	3.70 ng	771136	1,4-Dichlorobenzene-d4	7.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

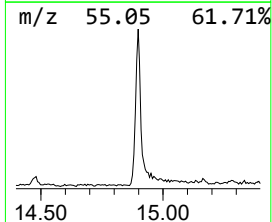
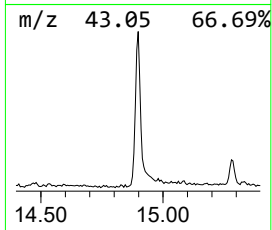
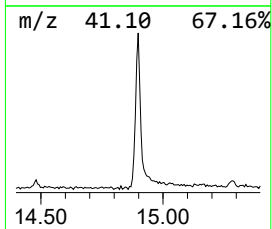
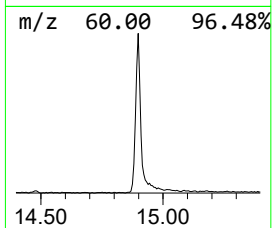
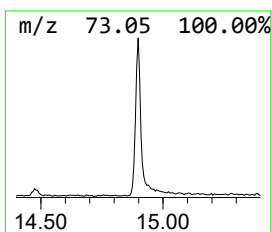
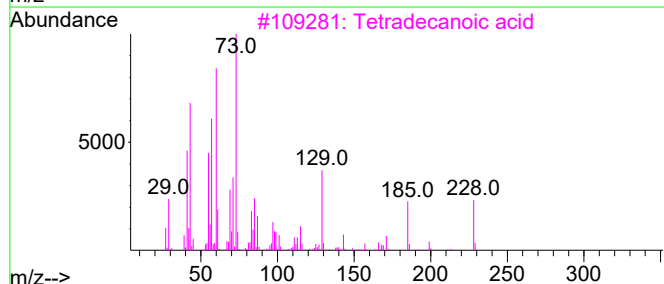
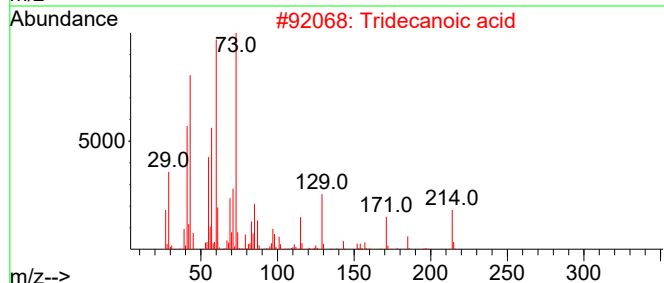
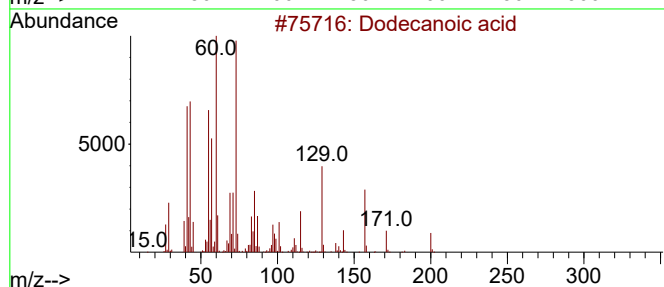
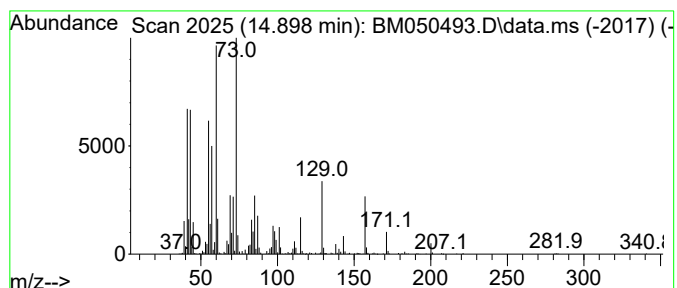
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	3.17 ng	1119940	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Nonanoic acid	158	C9H18O2	000112-05-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

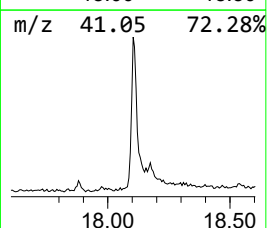
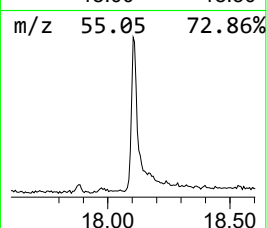
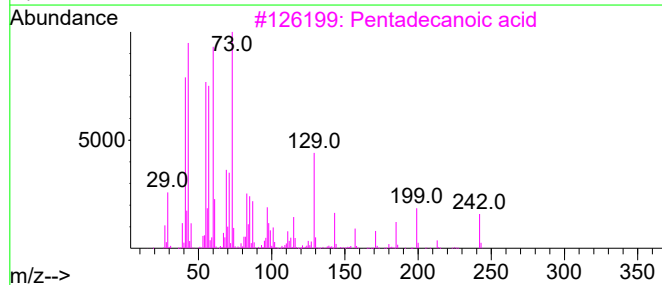
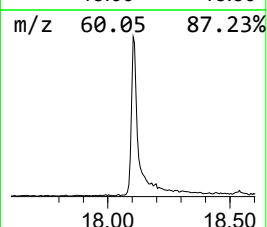
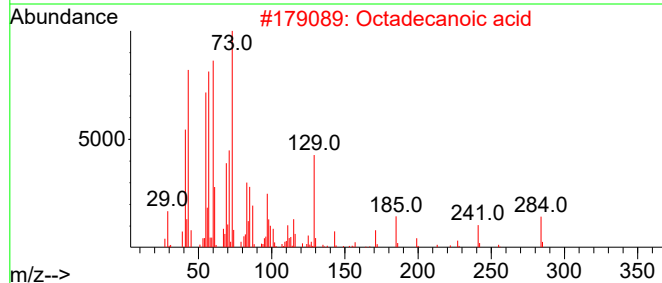
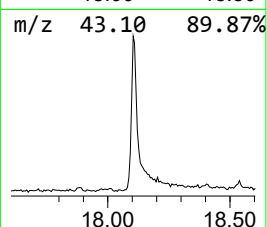
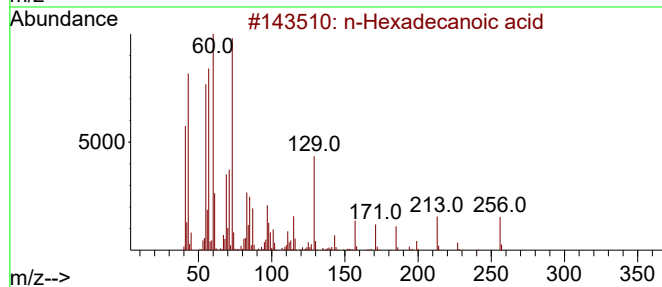
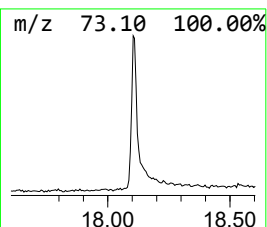
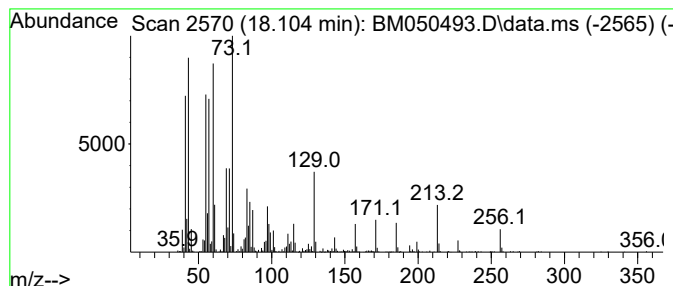
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	3.85 ng	1515450	Phenanthrene-d10	17.210

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

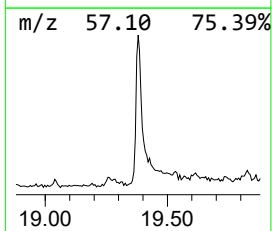
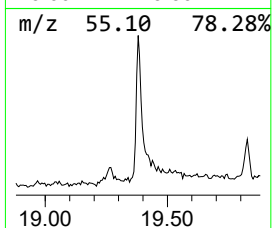
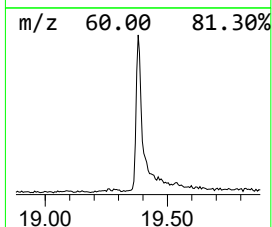
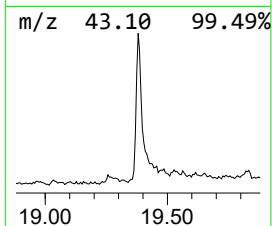
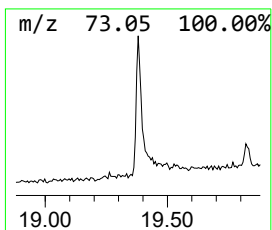
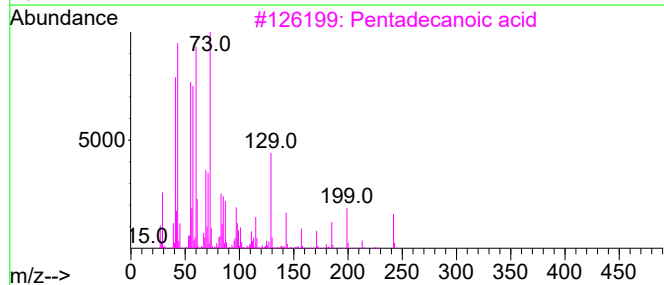
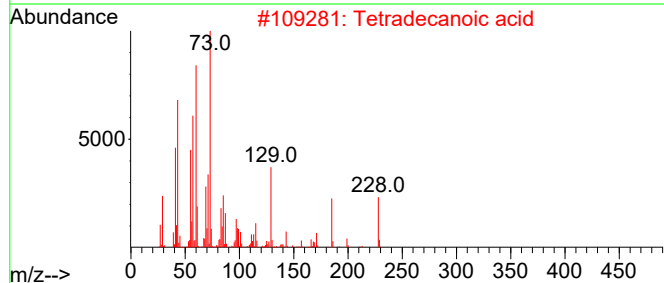
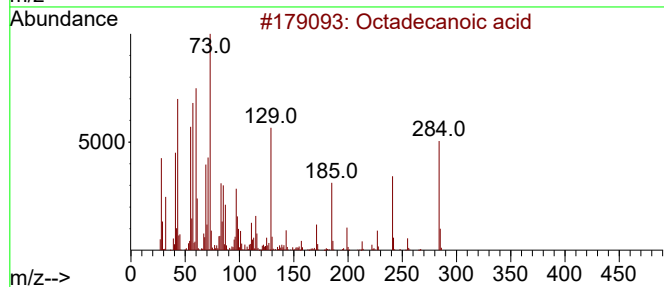
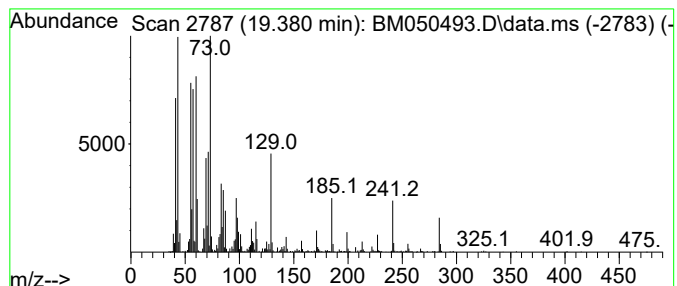
Instrument :
BNA_M
ClientSampleId :
GDW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.380	3.03 ng	1221470	Chrysene-d12	21.439	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.028	91.1	ng	19001100	1	7.845	4173220	20.0
2-Pentanone, 4-...	4.957	3.7	ng	771136	1	7.845	4173220	20.0
Dodecanoic acid	14.898	3.2	ng	1119940	3	14.475	7070450	20.0
n-Hexadecanoic ...	18.104	3.9	ng	1515450	4	17.210	7863660	20.0
Octadecanoic acid	19.380	3.0	ng	1221470	5	21.439	8062180	20.0



CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2664Instrument ID: BNA_FCalibration Date(s): 07/17/2025 07/17/2025Calibration Time(s): 11:04 14:34

LAB FILE ID:		RRF2.5 = BF143140.D			RRF005 = BF143141.D		RRF010 = BF143142.D	
		RRF020 = BF143143.D			RRF040 = BF143144.D		RRF050 = BF143145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.385	1.313	1.319	1.231	1.284	1.264	7.0
Benzaldehyde			1.167	1.163	1.443	1.411	1.193	18.1
Phenol-d6		1.733	1.640	1.657	1.554	1.632	1.591	6.7
bis(2-Chloroethyl)ether		1.419	1.343	1.379	1.303	1.361	1.327	5.4
2,2-oxybis(1-Chloropropane)		2.670	2.553	2.545	2.421	2.517	2.461	6.5
Acetophenone		0.527	0.504	0.501	0.455	0.476	0.474	8.6
n-Nitroso-di-n-propylamine	1.101	1.111	1.051	1.028	0.986	1.023	1.021	6.8
Nitrobenzene-d5		0.407	0.394	0.417	0.399	0.417	0.401	3.5
Hexachloroethane		0.522	0.498	0.522	0.495	0.525	0.502	4.7
Nitrobenzene		0.380	0.370	0.388	0.375	0.388	0.374	3.9
Isophorone		0.748	0.707	0.711	0.692	0.734	0.708	3.8
bis(2-Chloroethoxy)methane		0.463	0.437	0.442	0.413	0.430	0.425	6.3
Naphthalene		1.118	1.038	1.032	0.954	0.986	0.985	8.9
4-Chloroaniline		0.437	0.417	0.419	0.390	0.408	0.402	6.3
Hexachlorobutadiene		0.193	0.190	0.191	0.181	0.188	0.184	4.6
Caprolactam			0.078	0.084	0.087	0.091	0.084	5.3
2-Methylnaphthalene		0.667	0.634	0.628	0.580	0.603	0.599	8.2
Hexachlorocyclopentadiene			0.337	0.373	0.373	0.404	0.376	6.1
2-Fluorobiphenyl		1.761	1.644	1.547	1.358	1.414	1.462	13.6
1,1-Biphenyl		1.748	1.667	1.640	1.489	1.553	1.560	8.6
2-Chloronaphthalene		1.268	1.223	1.192	1.103	1.166	1.155	7.1
2-Nitroaniline		0.305	0.333	0.372	0.377	0.396	0.362	8.9
Dimethylphthalate		1.422	1.340	1.340	1.279	1.325	1.304	6.2
Acenaphthylene		2.134	2.052	2.011	1.860	1.958	1.935	7.7
2,6-Dinitrotoluene		0.225	0.250	0.272	0.278	0.289	0.265	8.1
3-Nitroaniline		0.285	0.300	0.315	0.317	0.334	0.310	5.1
Acenaphthene		1.278	1.194	1.184	1.096	1.155	1.144	7.5
Dibenzofuran		1.929	1.807	1.766	1.633	1.698	1.698	9.0
2,4-Dinitrotoluene		0.269	0.296	0.342	0.354	0.372	0.333	11.0
Diethylphthalate		1.377	1.322	1.335	1.269	1.329	1.289	5.8
4-Chlorophenyl-phenylether		0.710	0.670	0.657	0.612	0.633	0.635	7.9
Fluorene		1.480	1.402	1.322	1.212	1.257	1.274	10.8
4-Nitroaniline		0.236	0.255	0.266	0.280	0.289	0.266	6.4
n-Nitrosodiphenylamine		0.761	0.728	0.721	0.674	0.726	0.704	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2664Instrument ID: BNA_FCalibration Date(s): 07/17/2025 07/17/2025Calibration Time(s): 11:04 14:34

LAB FILE ID:		RRF2.5 = BF143140.D			RRF005 = BF143141.D		RRF010 = BF143142.D	
		RRF020 = BF143143.D			RRF040 = BF143144.D		RRF050 = BF143145.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,4,6-Tribromophenol		0.200	0.202	0.212	0.210	0.218	0.207	3.5
4-Bromophenyl-phenylether		0.252	0.238	0.241	0.228	0.247	0.238	4.3
Hexachlorobenzene		0.269	0.248	0.252	0.239	0.258	0.249	4.8
Atrazine		0.184	0.187	0.198	0.196	0.208	0.194	4.3
Phenanthrene		1.191	1.100	1.117	1.020	1.069	1.062	8.0
Anthracene		1.184	1.136	1.134	1.038	1.095	1.083	7.1
Carbazole		1.042	0.969	0.982	0.929	0.963	0.946	6.9
Di-n-butylphthalate		1.076	1.054	1.129	1.074	1.119	1.070	4.4
Fluoranthene		1.085	0.987	1.018	0.953	0.979	0.975	6.9
Pyrene		1.909	1.783	1.783	1.715	1.740	1.707	8.7
Terphenyl-d14		1.567	1.456	1.419	1.311	1.342	1.344	11.4
Butylbenzylphthalate		0.438	0.472	0.536	0.544	0.582	0.523	9.6
3,3-Dichlorobenzidine			0.437	0.495	0.429	0.476	0.446	7.6
Benzo (a) anthracene		1.374	1.367	1.381	1.282	1.422	1.339	4.9
Chrysene		1.282	1.174	1.247	1.206	1.218	1.204	4.3
Bis(2-ethylhexyl)phthalate		0.691	0.755	0.824	0.789	0.862	0.791	7.0
Di-n-octyl phthalate			1.274	1.428	1.384	1.550	1.434	6.8
Benzo (b) fluoranthene		1.231	1.136	1.287	1.147	1.352	1.222	6.3
Benzo (k) fluoranthene		1.168	1.152	1.093	1.134	1.069	1.090	7.1
Benzo (a) pyrene		1.129	1.102	1.147	1.121	1.192	1.126	3.4
Indeno (1,2,3-cd) pyrene		1.424	1.336	1.430	1.413	1.505	1.410	3.9
Dibenzo (a,h) anthracene		1.159	1.103	1.179	1.147	1.221	1.148	3.9
Benzo (g,h,i) perylene		1.100	1.047	1.140	1.109	1.196	1.110	4.4
1,2,4,5-Tetrachlorobenzene		0.638	0.598	0.601	0.550	0.582	0.577	6.9
1,4-Dioxane		0.622	0.582	0.614	0.600	0.625	0.598	4.1

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-BF071725.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Jul 17 15:14:05 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143140.D 5 =BF143141.D 10 =BF143142.D 20 =BF143143.D 40 =BF143144.D 50 =BF143145.D 60 =BF143146.D 80 =BF143147.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.622	0.582	0.614	0.600	0.625	0.584	0.558	0.598		4.09
3)	Pyridine	1.631	1.557	1.551	1.530	1.618	1.525	1.452	1.552		3.88
4)	n-Nitrosodimet...		0.776	0.799	0.810	0.851	0.804	0.768	0.801		3.66
5) S	2-Fluorophenol	1.385	1.313	1.319	1.231	1.284	1.194	1.121	1.264		7.00
6)	Aniline	2.334	2.259	2.273	2.204	2.292	2.139	2.018	2.217		4.86
7) S	Phenol-d6	1.733	1.640	1.657	1.554	1.632	1.506	1.413	1.591		6.72
8)	2-Chlorophenol	1.391	1.343	1.371	1.310	1.369	1.284	1.205	1.325		4.87
9)	Benzaldehyde		1.167	1.163	1.443	1.411	1.122	0.851	1.193		18.13
10) C	Phenol	1.882	1.767	1.776	1.711	1.788	1.675	1.531	1.733		6.37
11)	bis(2-Chloroet...	1.419	1.343	1.379	1.303	1.361	1.281	1.203	1.327		5.40
12)	1,3-Dichlorobe...	1.572	1.513	1.494	1.401	1.466	1.362	1.266	1.439		7.18
13) C	1,4-Dichlorobe...	1.602	1.518	1.502	1.418	1.473	1.357	1.275	1.449		7.52
14)	1,2-Dichlorobe...	1.509	1.413	1.445	1.343	1.413	1.303	1.223	1.378		6.96
15)	Benzyl Alcohol		1.214	1.246	1.215	1.278	1.193	1.141	1.215		3.85
16)	2,2'-oxybis(1-...	2.670	2.553	2.545	2.421	2.517	2.343	2.182	2.461		6.55
17)	2-Methylphenol	1.178	1.111	1.141	1.097	1.160	1.084	1.026	1.114		4.61
18)	Hexachloroethane	0.522	0.498	0.522	0.495	0.525	0.491	0.460	0.502		4.68
19) P	n-Nitroso-di-n...	1.101	1.111	1.051	1.028	0.986	1.023	0.953	0.912	1.021	6.76
20)	3+4-Methylphenols		1.467	1.469	1.341	1.402	1.268	1.162	1.351		8.95
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.527	0.504	0.501	0.455	0.476	0.442	0.409	0.474		8.65
23) S	Nitrobenzene-d5	0.407	0.394	0.417	0.399	0.417	0.397	0.378	0.401		3.47
24)	Nitrobenzene	0.380	0.370	0.388	0.375	0.388	0.373	0.345	0.374		3.88
25)	Isophorone	0.748	0.707	0.711	0.692	0.734	0.699	0.667	0.708		3.75
26) C	2-Nitrophenol	0.133	0.141	0.164	0.172	0.182	0.177	0.168	0.162		11.25
27)	2,4-Dimethylph...	0.356	0.340	0.341	0.324	0.338	0.319	0.298	0.331		5.70
28)	bis(2-Chloroet...	0.463	0.437	0.442	0.413	0.430	0.405	0.383	0.425		6.28
29) C	2,4-Dichloroph...	0.292	0.282	0.287	0.276	0.289	0.271	0.256	0.279		4.44
30)	1,2,4-Trichlor...	0.329	0.307	0.318	0.294	0.303	0.290	0.270	0.302		6.43
31)	Naphthalene	1.118	1.038	1.032	0.954	0.986	0.916	0.851	0.985		8.91
32)	Benzoic acid		0.104	0.149	0.180	0.197	0.187	0.194	0.169		21.36
33)	4-Chloroaniline	0.437	0.417	0.419	0.390	0.408	0.383	0.361	0.402		6.33
34) C	Hexachlorobuta...	0.193	0.190	0.191	0.181	0.188	0.179	0.169	0.184		4.59
35)	Caprolactam		0.078	0.084	0.087	0.091	0.085	0.082	0.084		5.35
36) C	4-Chloro-3-met...	0.319	0.310	0.307	0.301	0.311	0.294	0.282	0.303		4.04
37)	2-Methylnaphth...	0.667	0.634	0.628	0.580	0.603	0.561	0.522	0.599		8.17
38)	1-Methylnaphth...	0.682	0.652	0.650	0.599	0.621	0.579	0.537	0.617		8.05

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF071725.M

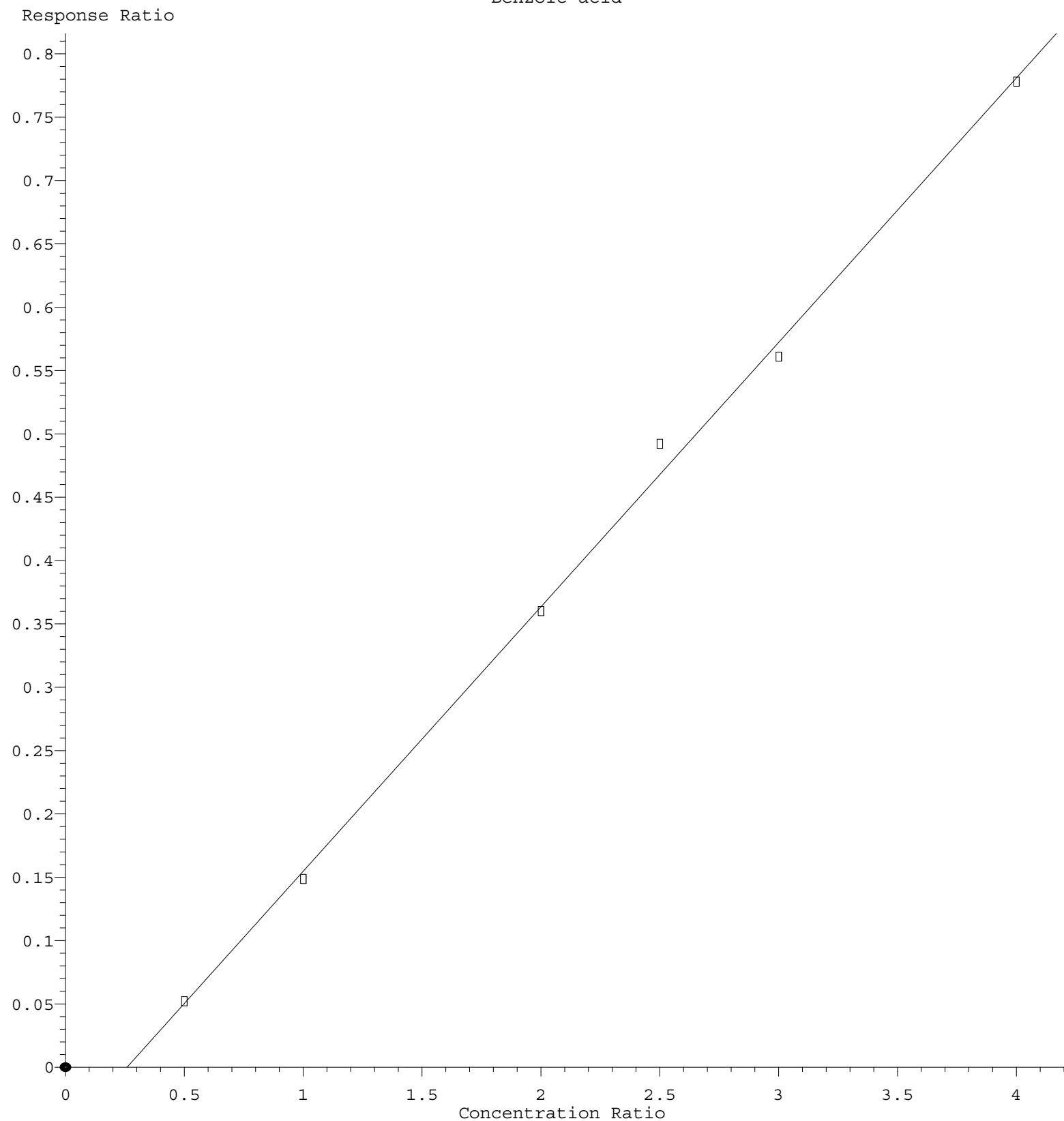
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.638	0.598	0.601	0.550	0.582	0.558	0.515	0.577	6.93	
41) P	Hexachlorocycl...		0.337	0.373	0.373	0.404	0.393	0.374	0.376	6.14	
42) S	2,4,6-Tribromo...	0.200	0.202	0.212	0.210	0.218	0.206	0.198	0.207	3.55	
43) C	2,4,6-Trichlor...	0.391	0.406	0.412	0.384	0.429	0.401	0.374	0.400	4.63	
44)	2,4,5-Trichlor...	0.404	0.387	0.411	0.405	0.411	0.395	0.384	0.400	2.76	
45) S	2-Fluorobiphenyl	1.761	1.644	1.547	1.358	1.414	1.323	1.190	1.462	13.58	
46)	1,1'-Biphenyl	1.748	1.667	1.640	1.489	1.553	1.472	1.353	1.560	8.62	
47)	2-Chloronaphth...	1.268	1.223	1.192	1.103	1.166	1.104	1.026	1.155	7.14	
48)	2-Nitroaniline	0.305	0.333	0.372	0.377	0.396	0.386	0.366	0.362	8.85	
49)	Acenaphthylene	2.134	2.052	2.011	1.860	1.958	1.834	1.694	1.935	7.71	
50)	Dimethylphthalate	1.422	1.340	1.340	1.279	1.325	1.251	1.169	1.304	6.16	
51)	2,6-Dinitrotol...	0.225	0.250	0.272	0.278	0.289	0.277	0.266	0.265	8.14	
52) C	Acenaphthene	1.278	1.194	1.184	1.096	1.155	1.083	1.016	1.144	7.53	
53)	3-Nitroaniline	0.285	0.300	0.315	0.317	0.334	0.318	0.303	0.310	5.13	
54) P	2,4-Dinitrophenol		0.051	0.081	0.104	0.116	0.118	0.121	0.098	28.02	
55)	Dibenzofuran	1.929	1.807	1.766	1.633	1.698	1.587	1.465	1.698	9.02	
56) P	4-Nitrophenol		0.200	0.228	0.246	0.250	0.237	0.229	0.232	7.70	
57)	2,4-Dinitrotol...	0.269	0.296	0.342	0.354	0.372	0.354	0.341	0.333	11.03	
58)	Fluorene	1.480	1.402	1.322	1.212	1.257	1.161	1.086	1.274	10.79	
59)	2,3,4,6-Tetrac...	0.321	0.331	0.345	0.333	0.351	0.329	0.309	0.331	4.30	
60)	Diethylphthalate	1.377	1.322	1.335	1.269	1.329	1.231	1.158	1.289	5.81	
61)	4-Chlorophenyl...	0.710	0.670	0.657	0.612	0.633	0.601	0.558	0.635	7.86	
62)	4-Nitroaniline	0.236	0.255	0.266	0.280	0.289	0.270	0.265	0.266	6.44	
63)	Azobenzene	1.452	1.401	1.389	1.320	1.364	1.278	1.196	1.343	6.38	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...		0.054	0.087	0.097	0.110	0.109	0.109	0.094	22.88	
66) c	n-Nitrosodiphe...	0.761	0.728	0.721	0.674	0.726	0.685	0.634	0.704	6.03	
67)	4-Bromophenyl-...	0.252	0.238	0.241	0.228	0.247	0.239	0.223	0.238	4.26	
68)	Hexachlorobenzene	0.269	0.248	0.252	0.239	0.258	0.245	0.233	0.249	4.80	
69)	Atrazine	0.184	0.187	0.198	0.196	0.208	0.197	0.189	0.194	4.32	
70) C	Pentachlorophenol		0.119	0.146	0.148	0.160	0.155	0.150	0.147	9.70	
71)	Phenanthrene	1.191	1.100	1.117	1.020	1.069	1.002	0.934	1.062	7.98	
72)	Anthracene	1.184	1.136	1.134	1.038	1.095	1.038	0.956	1.083	7.13	
73)	Carbazole	1.042	0.969	0.982	0.929	0.963	0.899	0.836	0.946	6.93	
74)	Di-n-butylphth...	1.076	1.054	1.129	1.074	1.119	1.048	0.990	1.070	4.36	
75) C	Fluoranthene	1.085	0.987	1.018	0.953	0.979	0.928	0.873	0.975	6.91	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine		0.758	0.844	0.953	0.697	0.601		0.771	17.53	
78)	Pyrene	1.909	1.783	1.783	1.715	1.740	1.523	1.494	1.707	8.72	
79) S	Terphenyl-d14	1.567	1.456	1.419	1.311	1.342	1.191	1.122	1.344	11.43	
80)	Butylbenzylpht...	0.438	0.472	0.536	0.544	0.582	0.556	0.532	0.523	9.61	
81)	Benzo(a)anthra...	1.374	1.367	1.381	1.282	1.422	1.313	1.235	1.339	4.86	
82)	3,3'-Dichlorob...		0.437	0.495	0.429	0.476	0.440	0.401	0.446	7.58	
83)	Chrysene	1.282	1.174	1.247	1.206	1.218	1.173	1.127	1.204	4.29	
84)	Bis(2-ethylhex...	0.691	0.755	0.824	0.789	0.862	0.826	0.789	0.791	7.03	
85) c	Di-n-octyl pht...		1.274	1.428	1.384	1.550	1.508	1.461	1.434	6.83	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF071725.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.424 1.336 1.430 1.413 1.505 1.411 1.352 1.410	3.92
88)	Benzo(b)fluora...	1.231 1.136 1.287 1.147 1.352 1.188 1.212 1.222	6.30
89)	Benzo(k)fluora...	1.168 1.152 1.093 1.134 1.069 1.080 0.937 1.090	7.10
90) C	Benzo(a)pyrene	1.129 1.102 1.147 1.121 1.192 1.121 1.070 1.126	3.35
91)	Dibenzo(a,h)an...	1.159 1.103 1.179 1.147 1.221 1.140 1.087 1.148	3.92
92)	Benzo(g,h,i)pe...	1.100 1.047 1.140 1.109 1.196 1.113 1.067 1.110	4.37

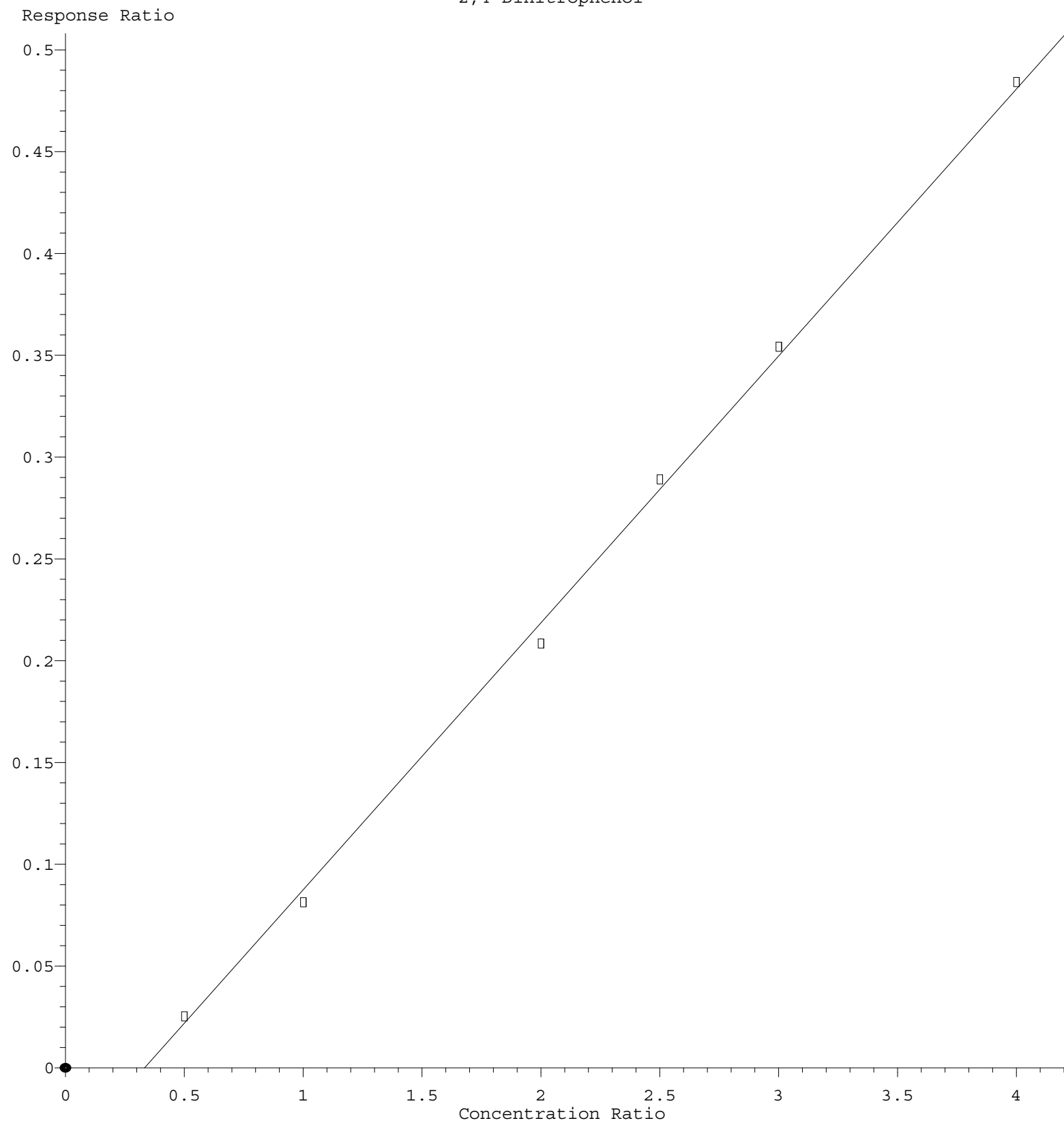
(#) = Out of Range

Benzoic acid



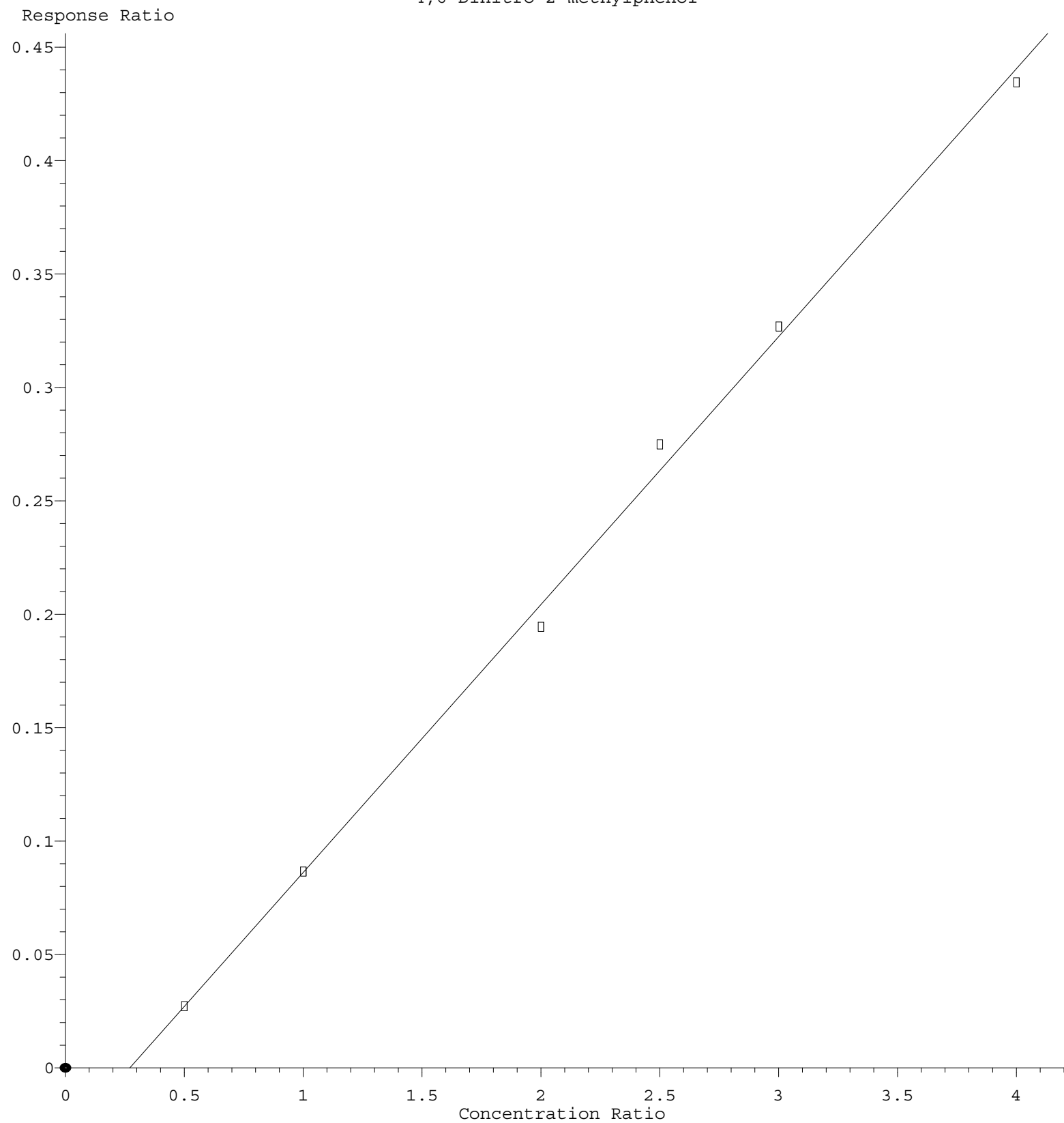
Response = $2.090 \times 10^{-1} \times \text{Amt} - 5.410 \times 10^{-2}$
 Coef of Det (r^2) = 0.998491 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

2,4-Dinitrophenol



Response = $1.311e-001 * Amt - 4.369e-002$
 Coef of Det (r^2) = 0.998465 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

4,6-Dinitro-2-methylphenol



Response = 1.182e-001 * Amt - 3.198e-002
 Coef of Det (r^2) = 0.998318 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF071725.M
 Calibration Table Last Updated: Thu Jul 17 15:14:05 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143140.D
 Acq On : 17 Jul 2025 11:04
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

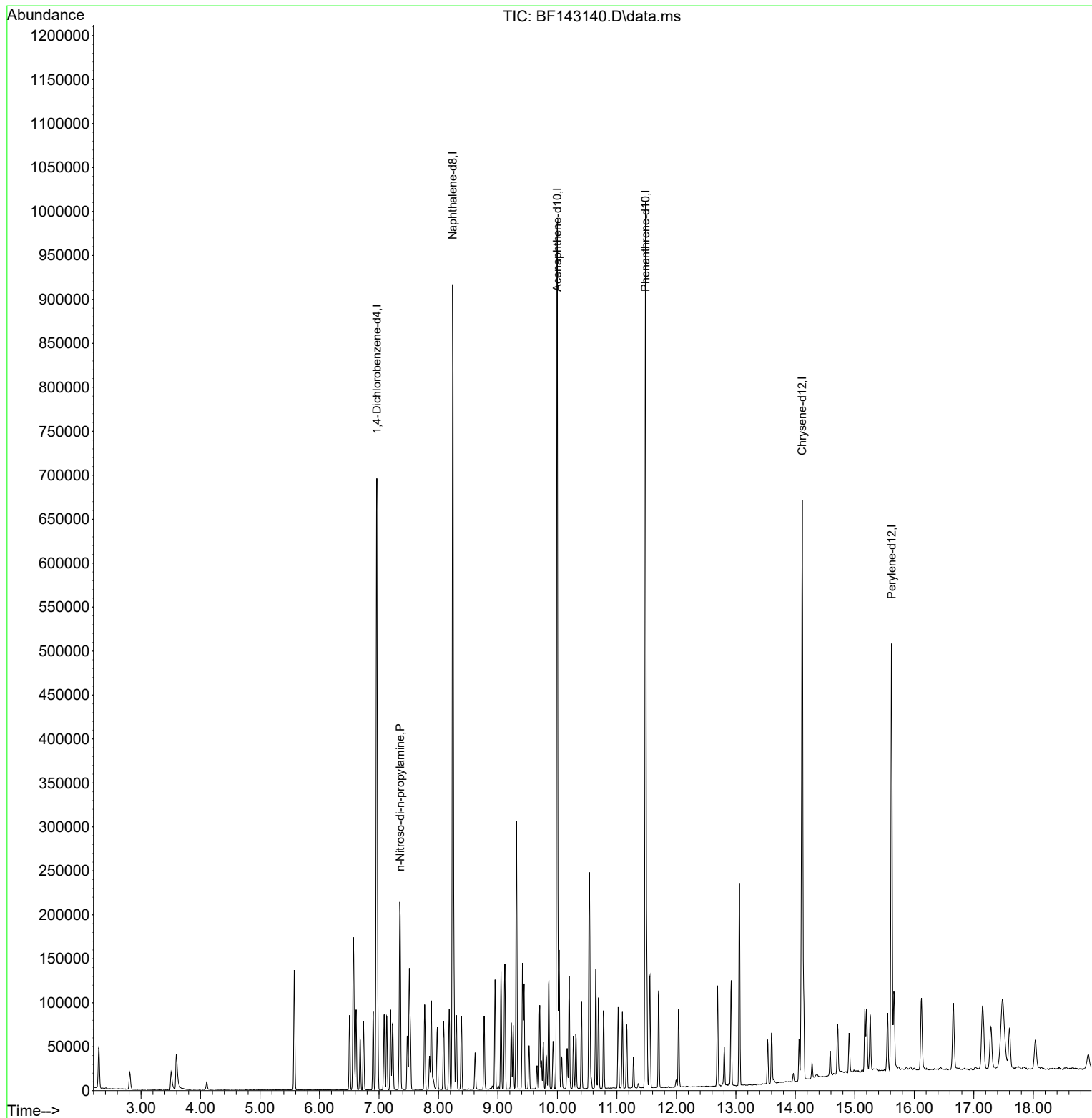
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139766	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	547280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	293149	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	492765	20.000	ng	0.00
76) Chrysene-d12	14.116	240	283469	20.000	ng	0.00
86) Perylene-d12	15.621	264	284847	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...	7.357	70	19227	2.696	ng	Qvalue 96

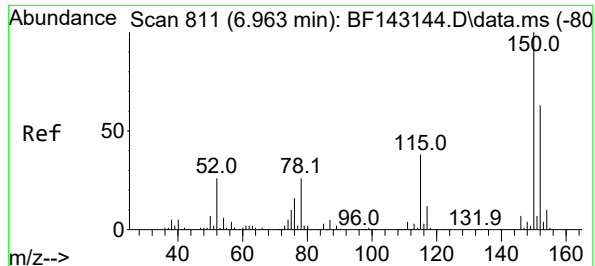
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143140.D
Acq On : 17 Jul 2025 11:04
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 17 15:00:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.963 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143140.D

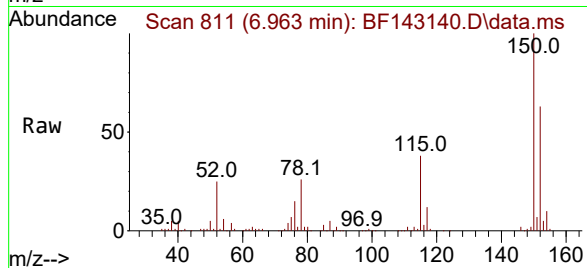
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



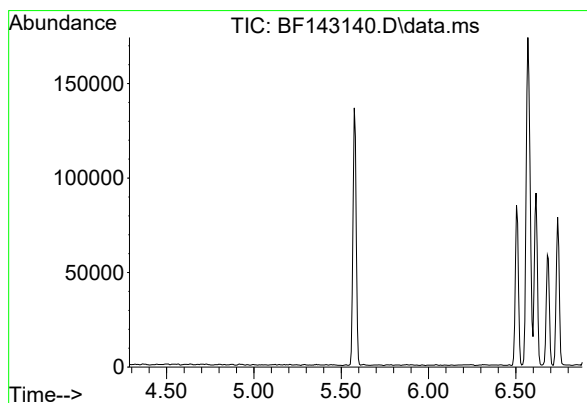
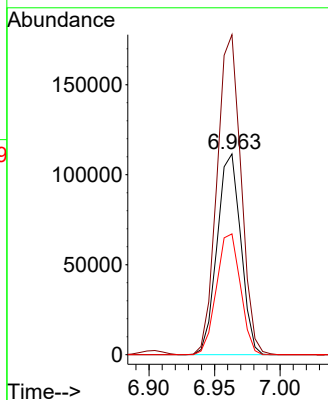
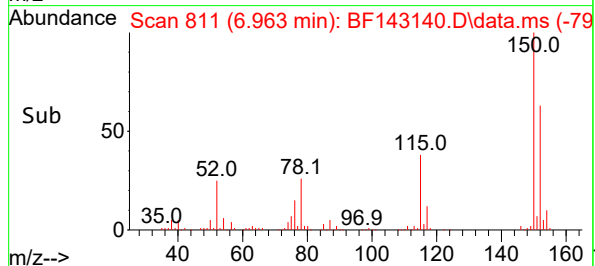
Tgt Ion:152 Resp: 139766

Ion Ratio Lower Upper

152 100

150 159.4 128.2 192.4

115 60.2 47.9 71.9



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.59 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

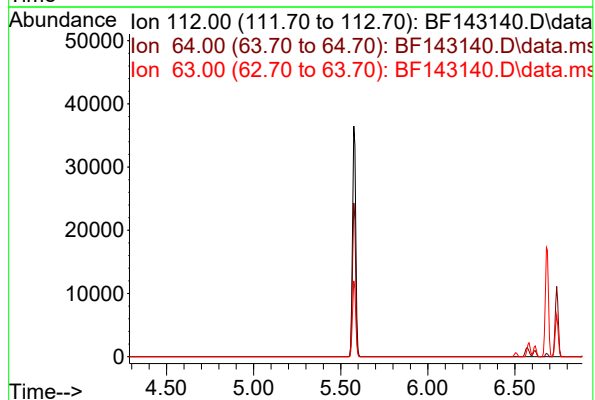
Tgt Ion: 112

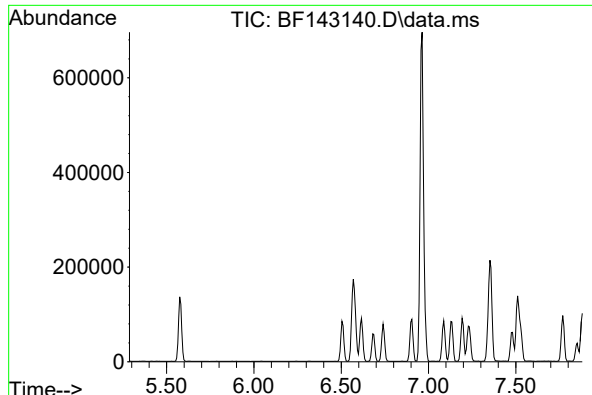
Sig Exp Ratio

112 100

64 66.4

63 33.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.59 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

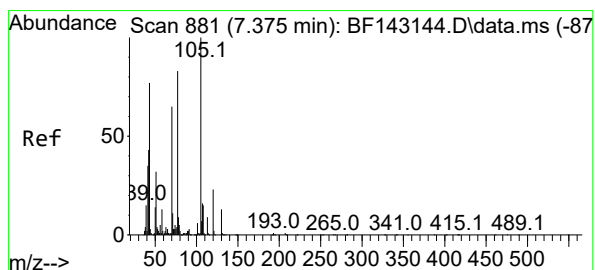
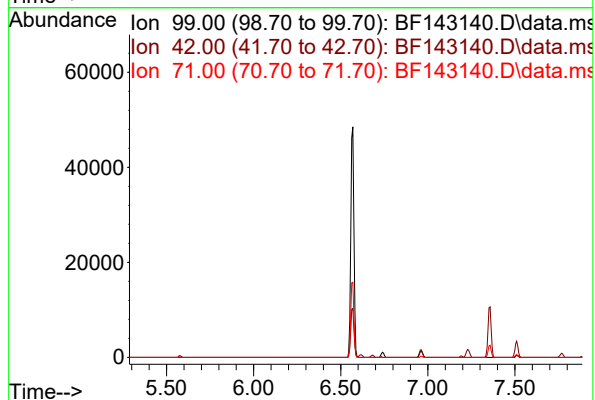
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.3

71 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 2.696 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.017 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Tgt Ion: 70 Resp: 19227

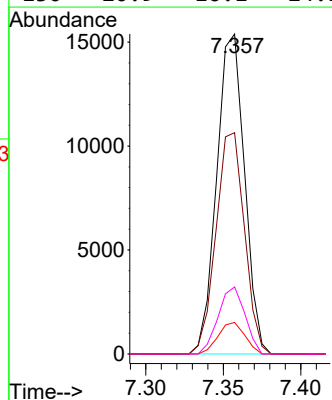
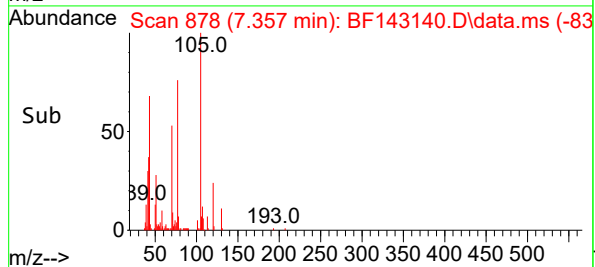
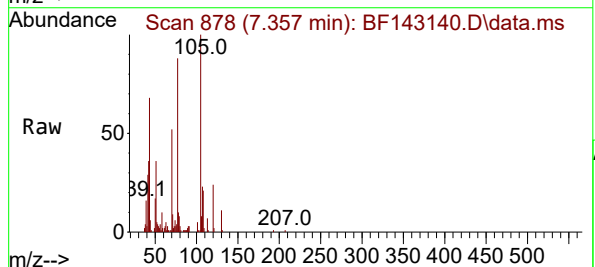
Ion Ratio Lower Upper

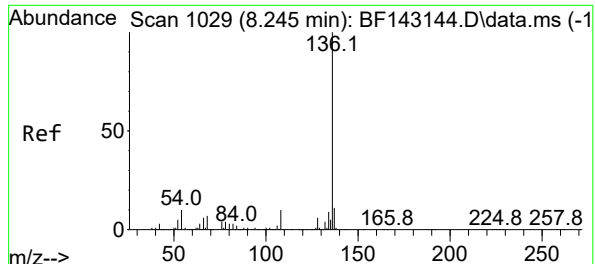
70 100

42 69.2 52.5 78.7

101 9.9 7.6 11.4

130 20.9 16.1 24.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.240 min Scan# 10

Delta R.T. -0.005 min

Lab File: BF143140.D

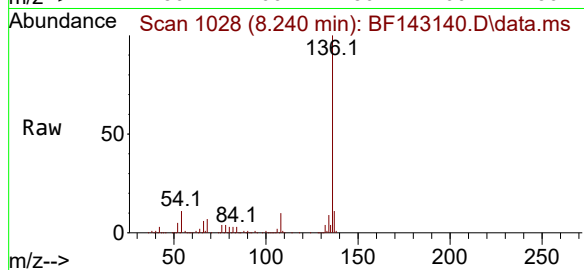
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 547280

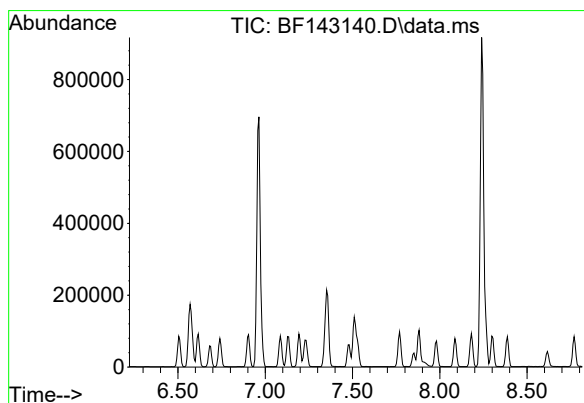
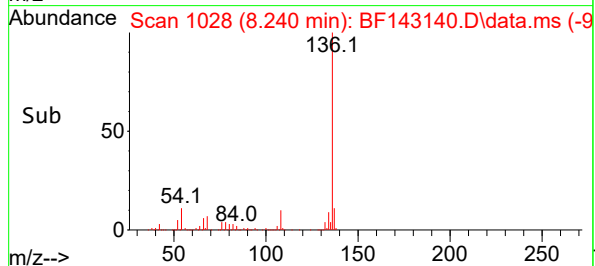
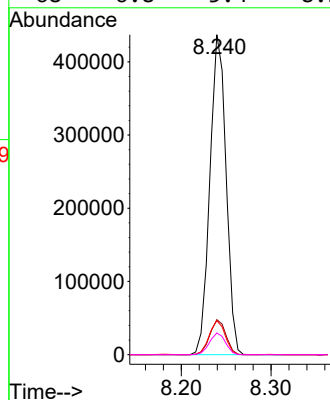
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.6 8.2 12.2

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.52 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

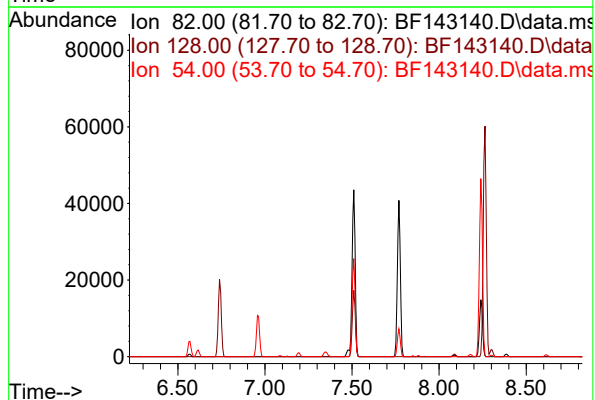
Tgt Ion: 82

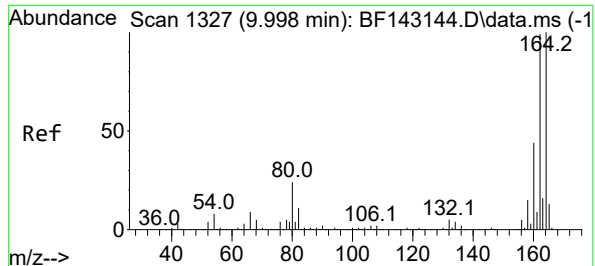
Sig Exp Ratio

82 100

128 42.0

54 58.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

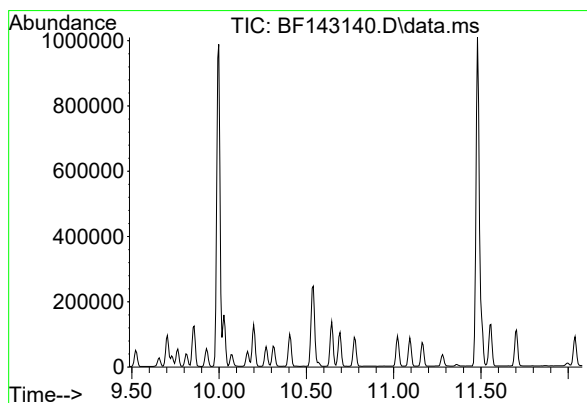
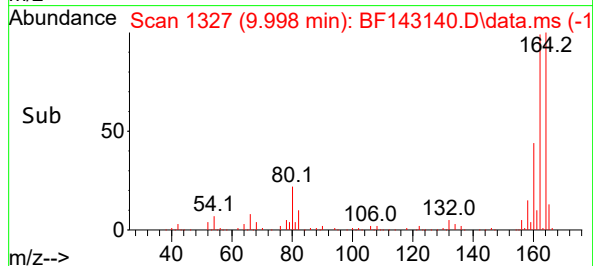
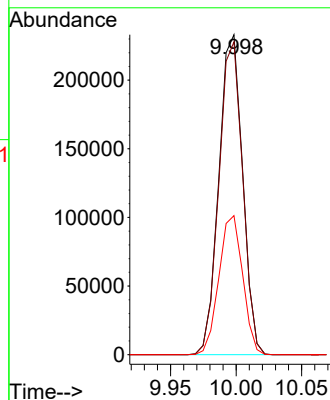
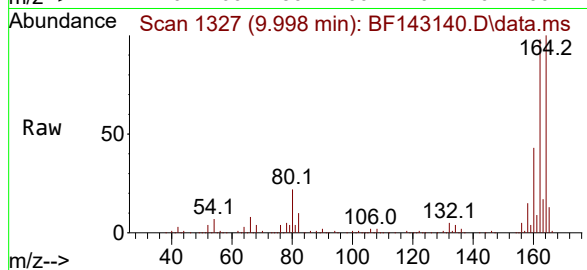
Tgt Ion:164 Resp: 293149

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 43.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.79 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

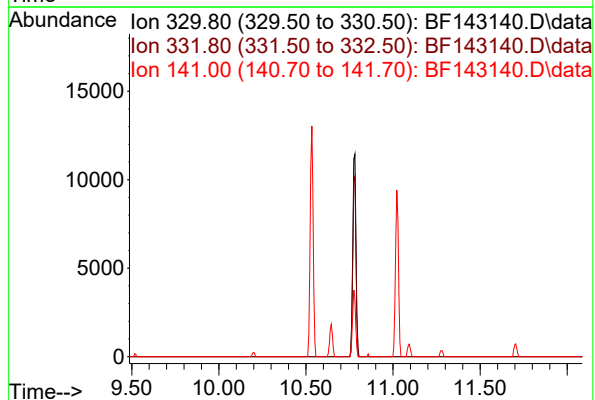
Tgt Ion: 330

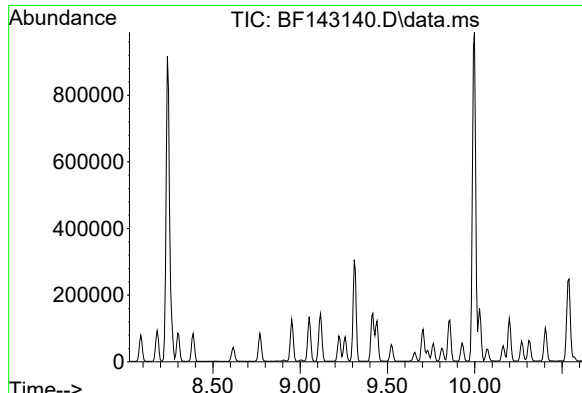
Sig Exp Ratio

330 100

332 95.9

141 29.1





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.32 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

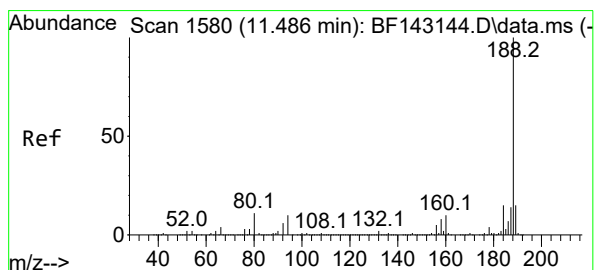
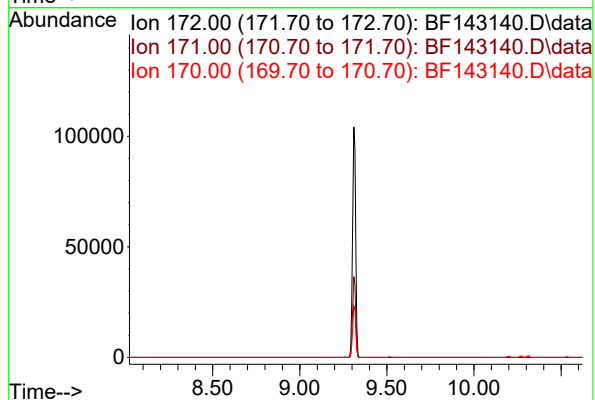
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.7

170 23.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.481 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF143140.D

Acq: 17 Jul 2025 11:04

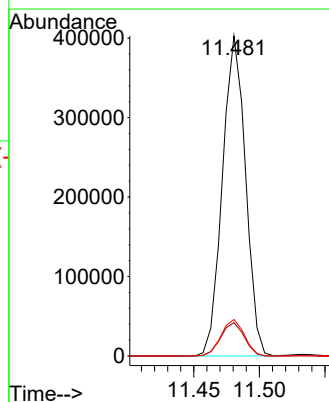
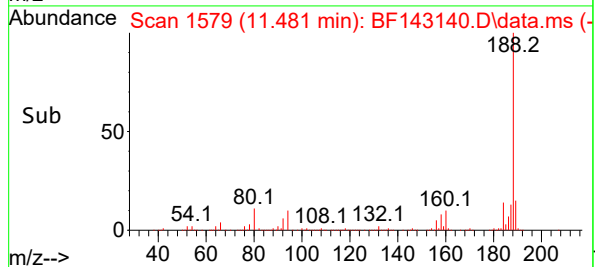
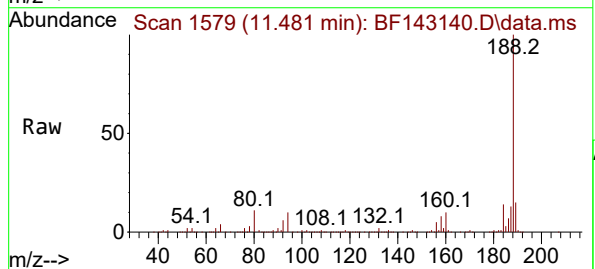
Tgt Ion:188 Resp: 492765

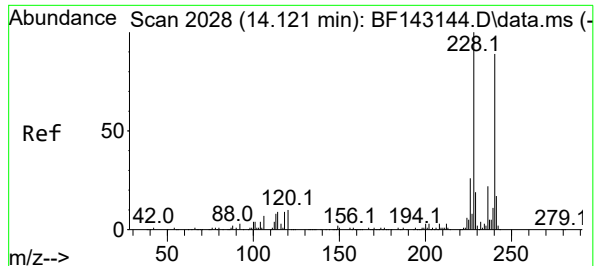
Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

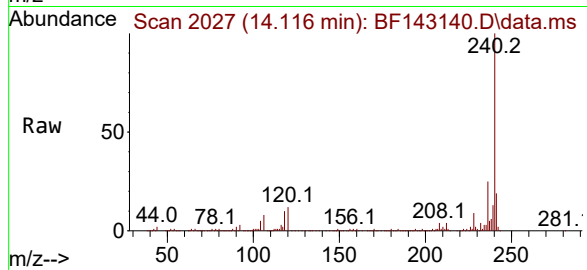
80 11.4 9.0 13.6



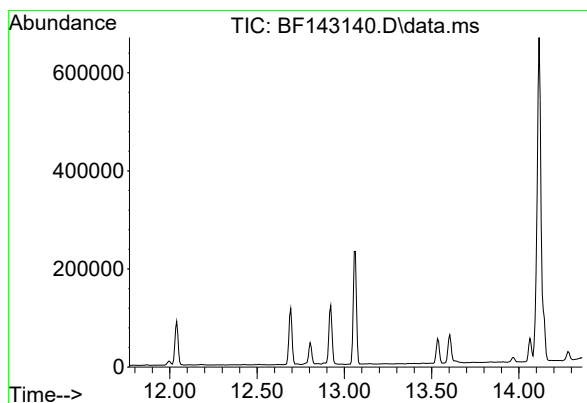
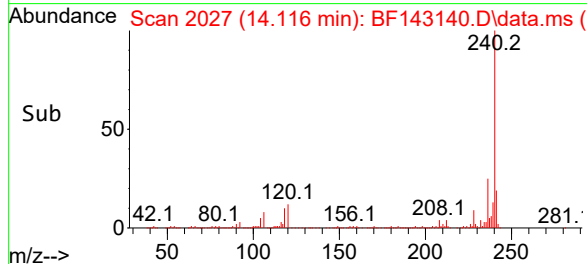
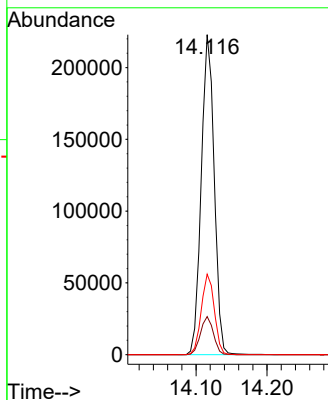


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



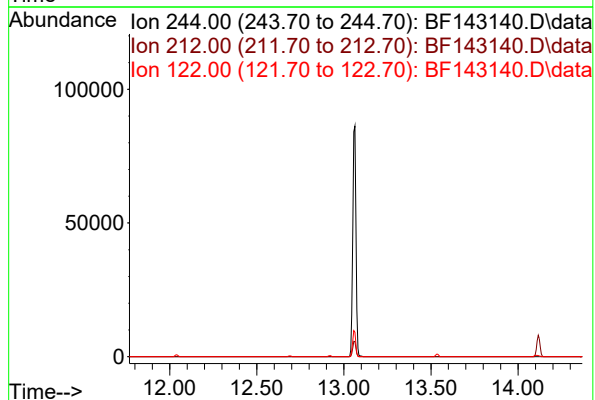
Tgt Ion:240 Resp: 283469
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.07 min

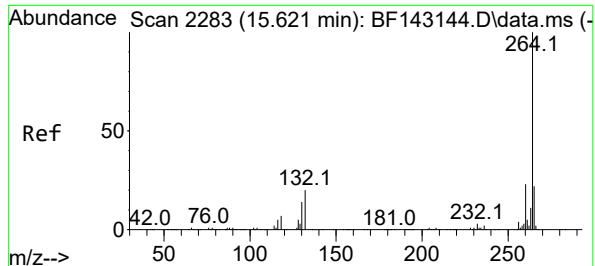
Lab File: BF143140.D
Acq: 17 Jul 2025 11:04

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.5
122 10.2



Ion 212.00 (211.70 to 212.70): BF143140.D\data

Ion 122.00 (121.70 to 122.70): BF143140.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143140.D

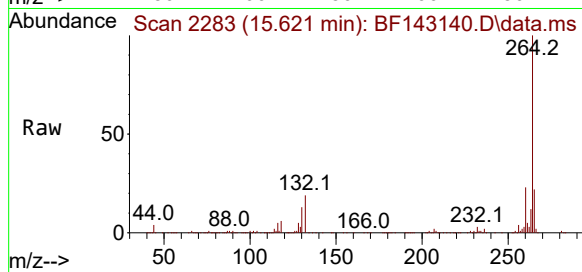
Acq: 17 Jul 2025 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



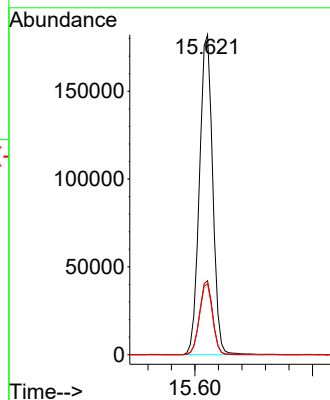
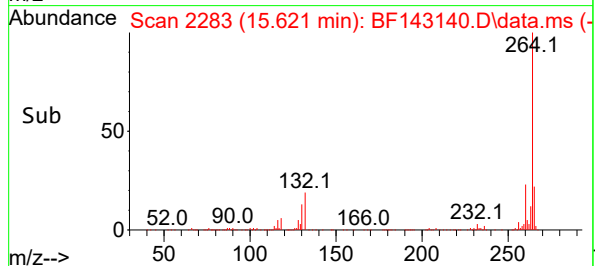
Tgt Ion:264 Resp: 284847

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.1 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143141.D
 Acq On : 17 Jul 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	129942	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng	0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng	0.00
86) Perylene-d12	15.615	264	255898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	89958	10.955	ng	0.00
7) Phenol-d6	6.569	99	112575	10.892	ng	-0.02
23) Nitrobenzene-d5	7.510	82	102749m	10.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng	-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng	97
3) Pyridine	3.587	79	52981	5.254	ng	99
6) Aniline	6.616	93	75811	5.263	ng	99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng	98
10) Phenol	6.581	94	61148	5.431	ng	99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng	98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng	98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng	100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng	100
17) 2-Methylphenol	7.192	107	38278	5.289	ng	97
18) Hexachloroethane	7.481	117	16944	5.198	ng	97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng	98
22) Acetophenone	7.357	105	66559	5.569	ng	# 98
24) Nitrobenzene	7.528	77	47902	5.074	ng	96
25) Isophorone	7.769	82	94372	5.279	ng	99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng	98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng	100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng	99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng	99
31) Naphthalene	8.263	128	141099	5.676	ng	99
33) 4-Chloroaniline	8.304	127	55130	5.431	ng	98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng	100
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng	98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng	98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng	100
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng	100
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng	98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng	100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng	98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng	95
49) Acenaphthylene	9.857	152	140525	5.514	ng	98
50) Dimethylphthalate	9.704	163	93611	5.452	ng	99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143141.D
 Acq On : 17 Jul 2025 11:34
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	10.028	154	84160	5.588	ng	99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng	94
55) Dibenzofuran	10.198	168	127035	5.681	ng	97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng	92
58) Fluorene	10.539	166	97477	5.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	# 97
60) Diethylphthalate	10.404	149	90651	5.342	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng	98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng	96
63) Azobenzene	10.692	77	95602	5.405	ng	99
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng	100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng	97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng	98
69) Atrazine	11.169	200	19865	4.733	ng	99
71) Phenanthrene	11.504	178	128762	5.609	ng	100
72) Anthracene	11.557	178	127938	5.465	ng	98
73) Carbazole	11.704	167	112588	5.507	ng	99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng	99
75) Fluoranthene	12.692	202	117249	5.565	ng	99
78) Pyrene	12.922	202	120767	5.593	ng	98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng	97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng	98
83) Chrysene	14.139	228	81091	5.325	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng	99
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng	100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng	99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng	98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng	98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng	100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng	99

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

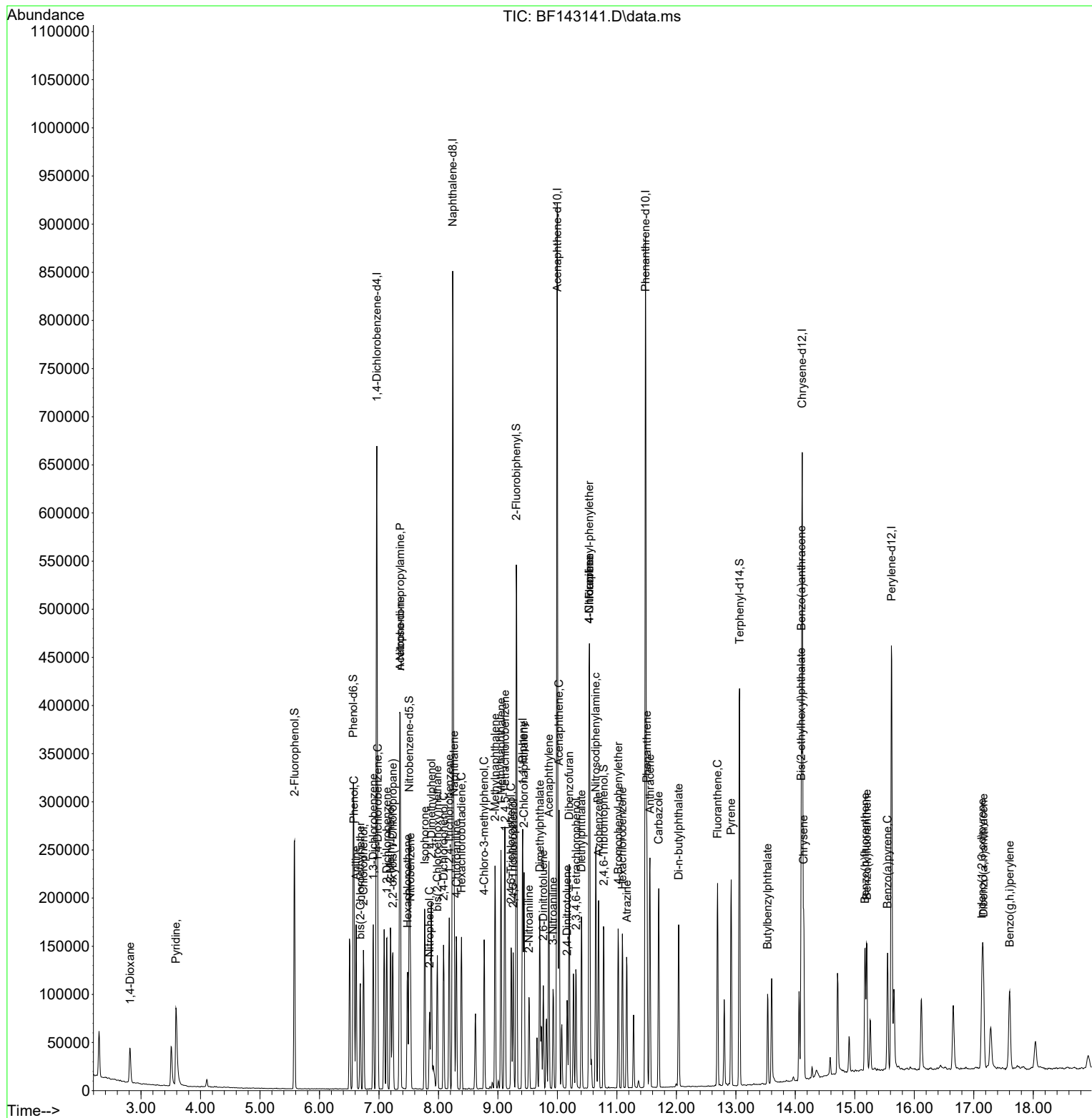
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

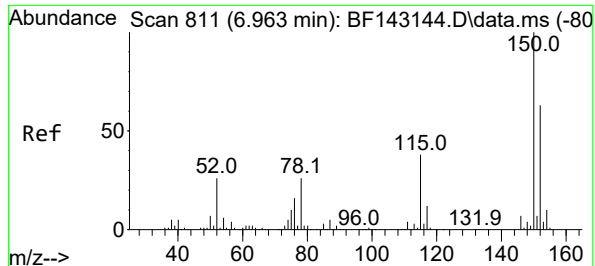
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

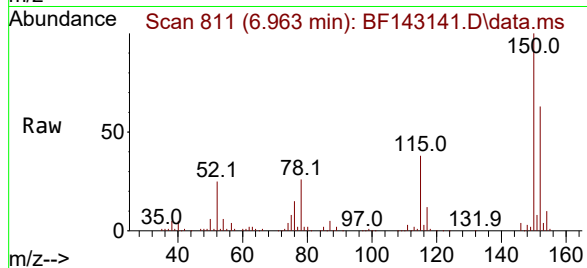
Quant Time: Jul 17 15:01:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

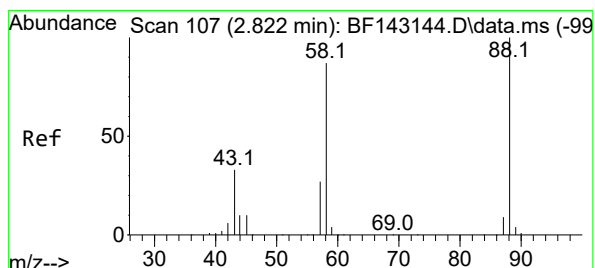
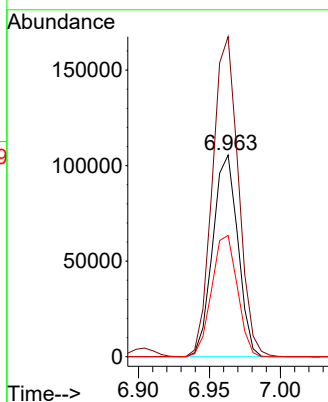
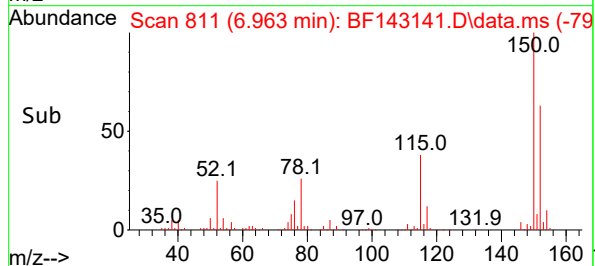
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 12994
Ion Ratio Lower Upper
152 100
150 158.7 128.2 192.4
115 60.2 47.9 71.9

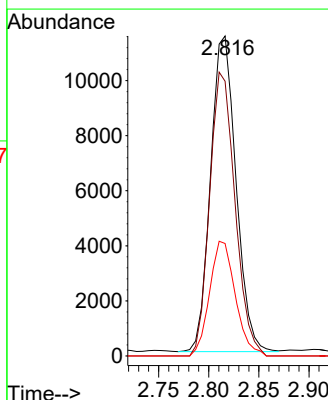
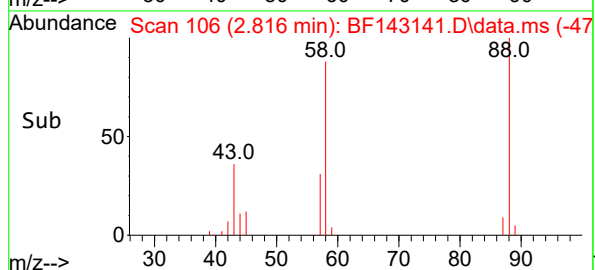
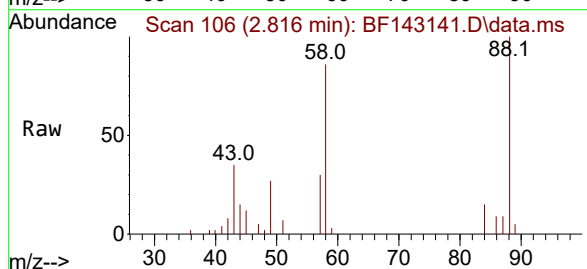
Manual Integrations
APPROVED

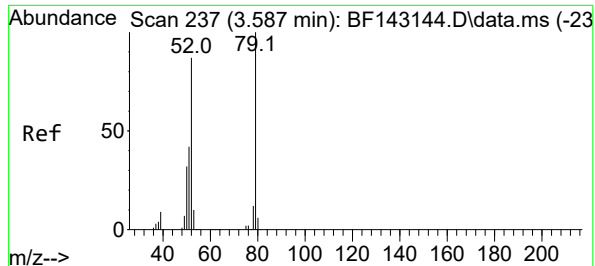
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 5.201 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 88 Resp: 20208
Ion Ratio Lower Upper
88 100
58 89.6 70.2 105.2
43 36.7 27.1 40.7





#3

Pyridine

Concen: 5.254 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 79 Resp: 5298

Ion Ratio Lower Upper

79 100

52 86.1 69.4 104.2

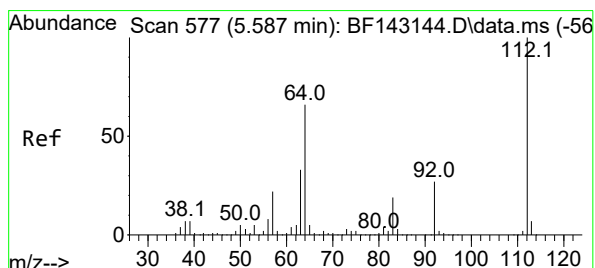
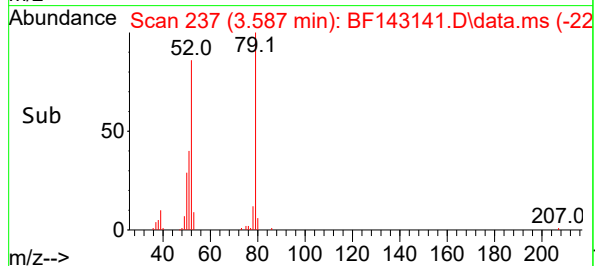
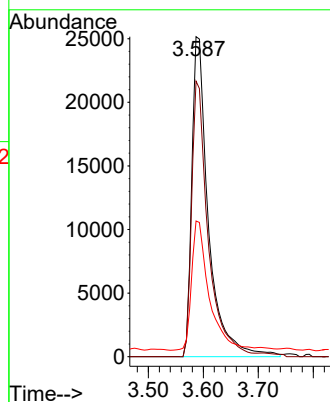
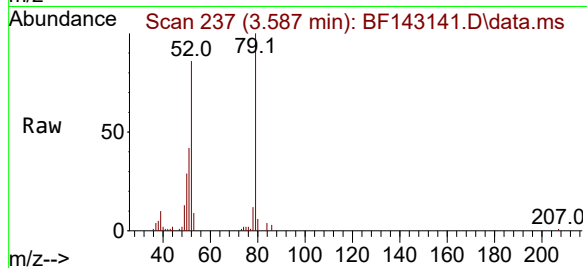
51 42.4 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#5

2-Fluorophenol

Concen: 10.955 ng

RT: 5.581 min Scan# 576

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

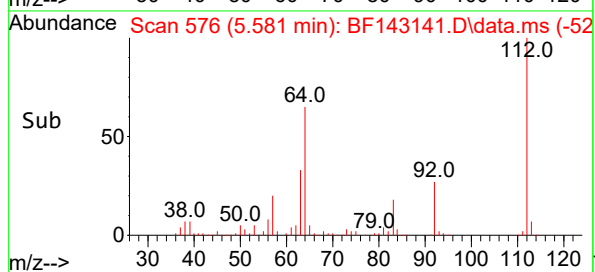
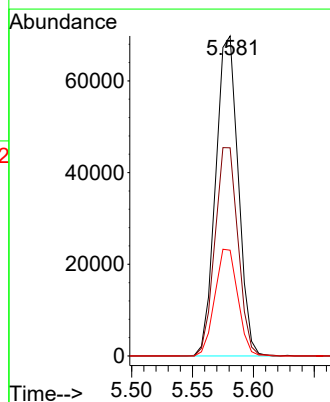
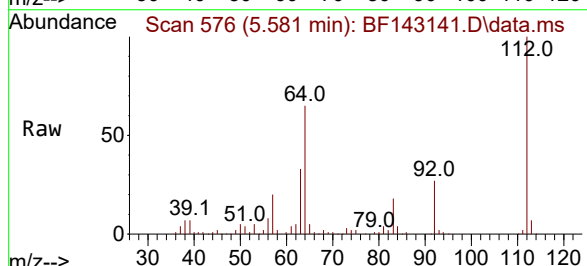
Tgt Ion:112 Resp: 89958

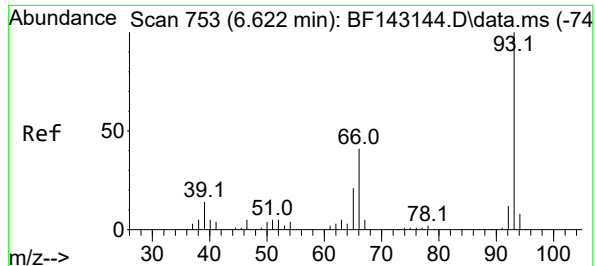
Ion Ratio Lower Upper

112 100

64 65.1 53.1 79.7

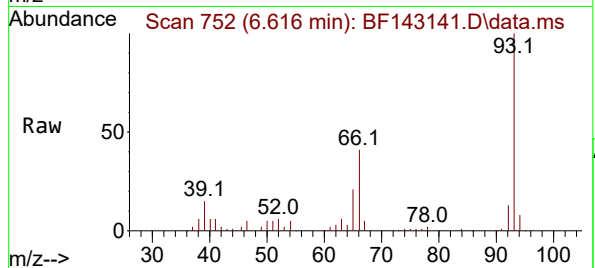
63 33.1 26.6 40.0





#6
Aniline
Concen: 5.263 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

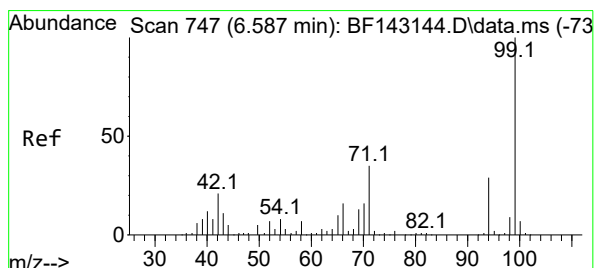
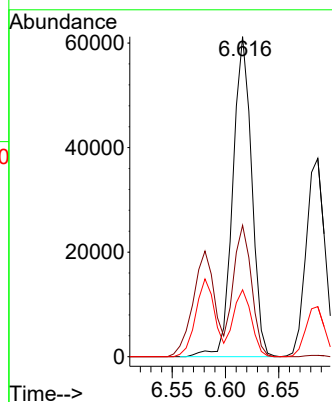
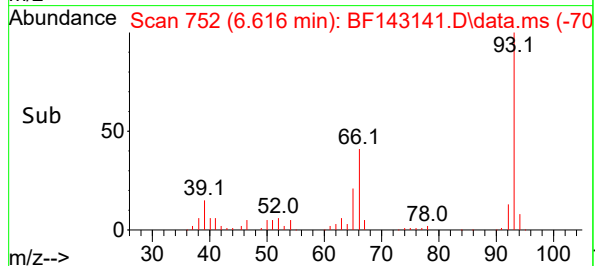
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 7581
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.9 16.9 25.3

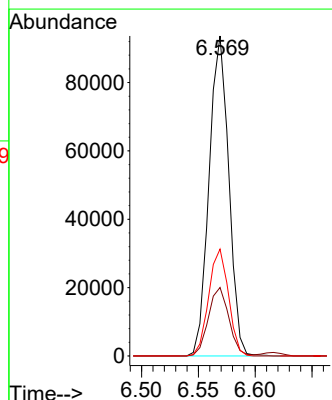
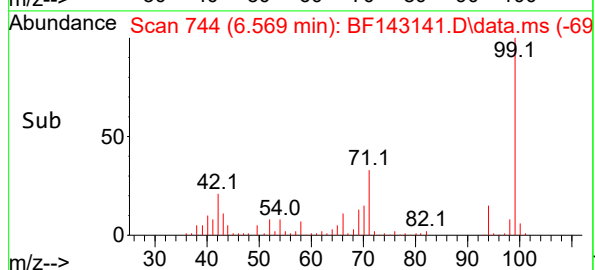
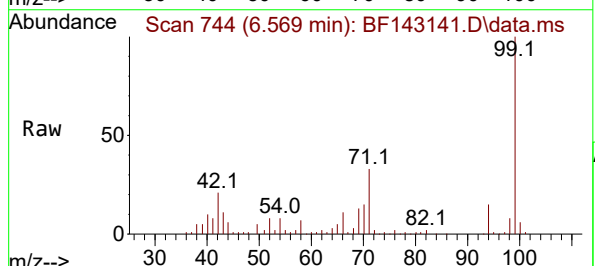
Manual Integrations
APPROVED

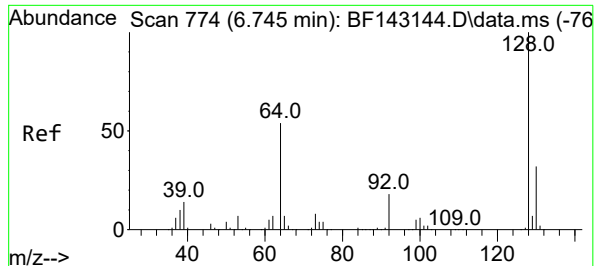
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#7
Phenol-d6
Concen: 10.892 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

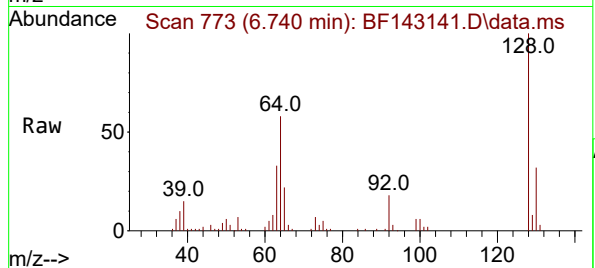
Tgt Ion: 99 Resp: 112575
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 33.4 27.7 41.5





#8
2-Chlorophenol
Concen: 5.252 ng
RT: 6.740 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

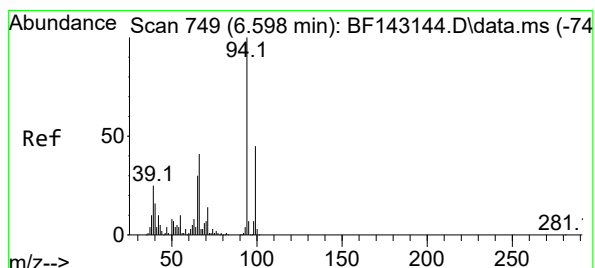
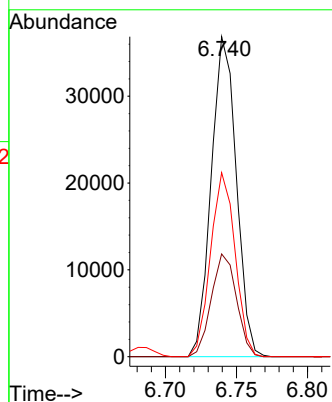
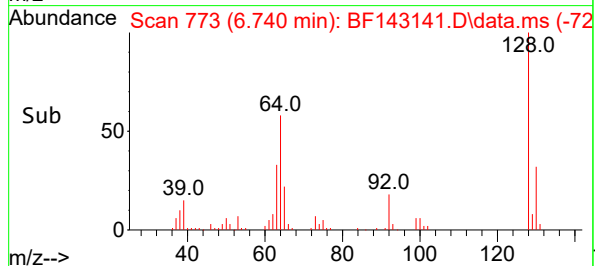
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 4520
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 57.5 35.9 75.9

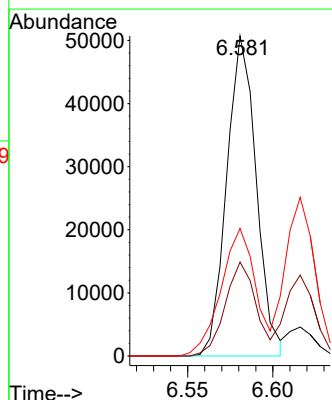
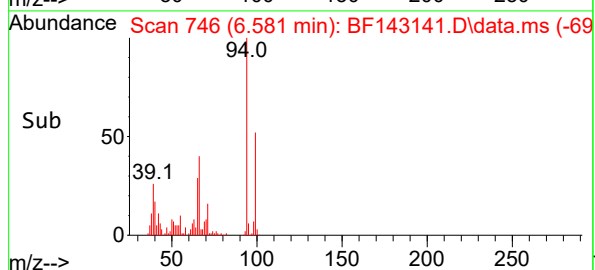
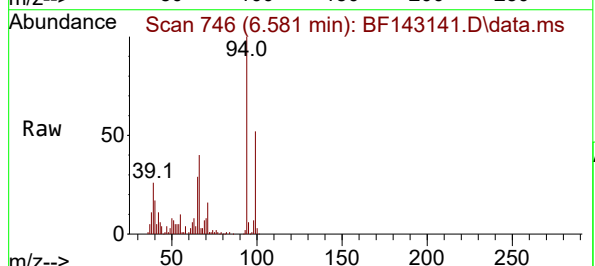
Manual Integrations
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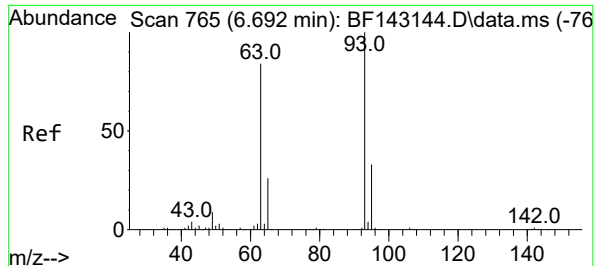
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#10
Phenol
Concen: 5.431 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion: 94 Resp: 61148
Ion Ratio Lower Upper
94 100
65 29.4 10.0 50.0
66 39.8 20.8 60.8





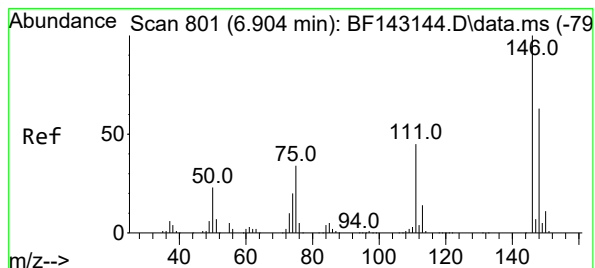
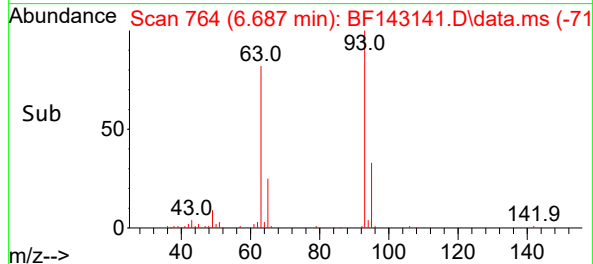
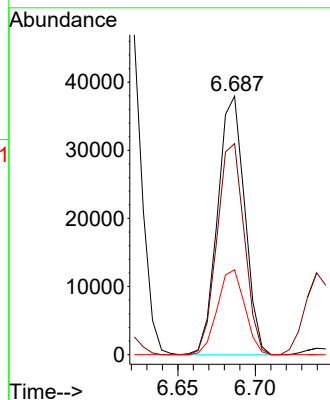
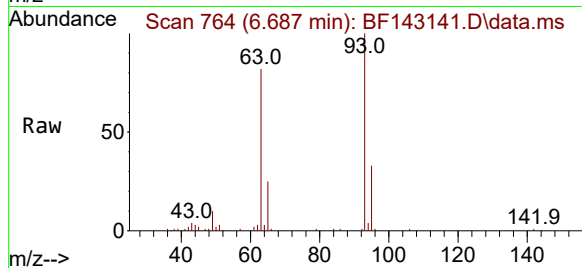
#11
bis(2-Chloroethyl)ether
Concen: 5.345 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 4608
Ion Ratio Lower Upper
93 100
63 81.6 63.4 103.4
95 32.9 12.4 52.4

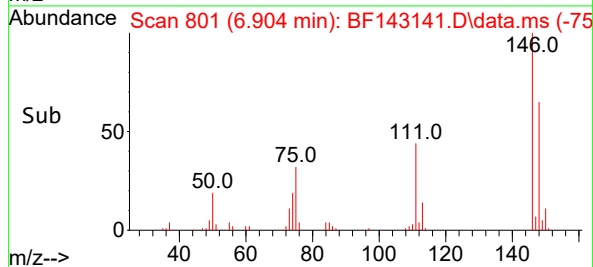
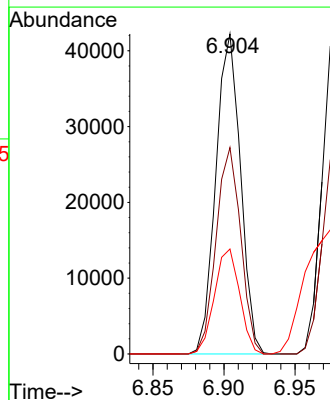
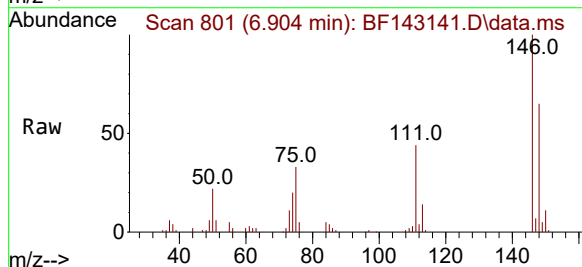
Manual Integrations
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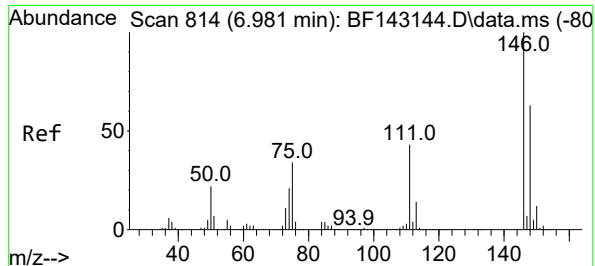
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 5.460 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:146 Resp: 51056
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
75 32.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 5.526 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 5203

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

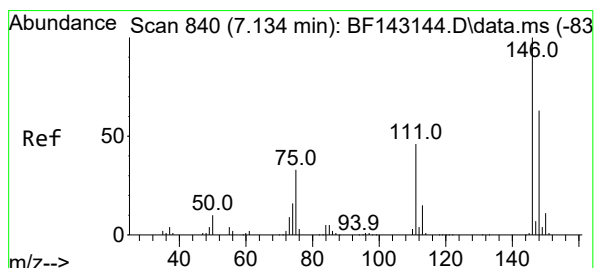
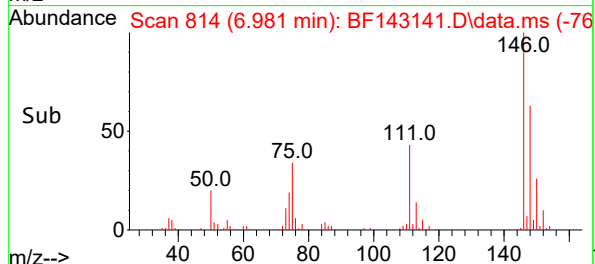
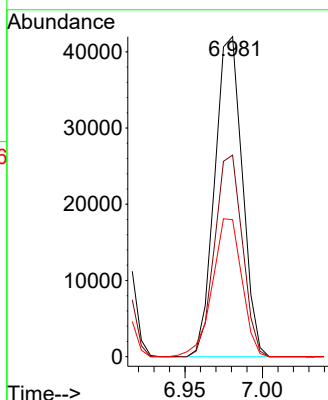
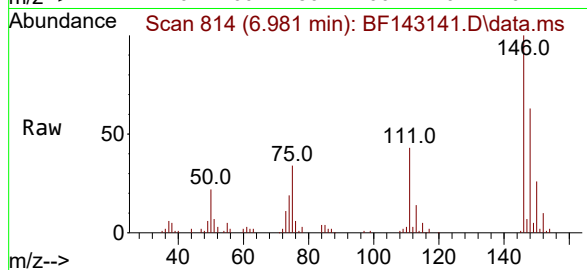
111 42.8 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 5.474 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

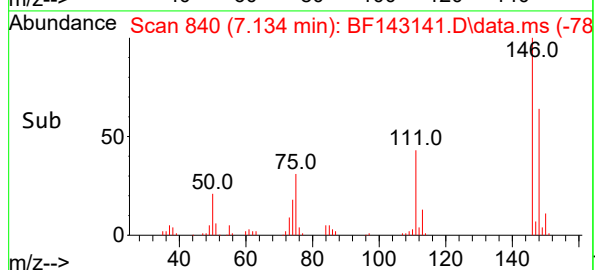
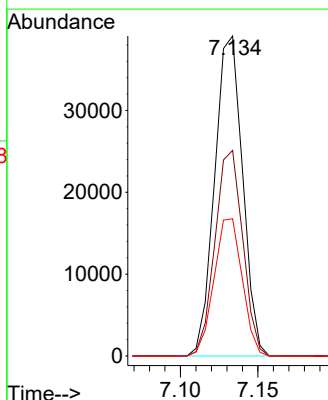
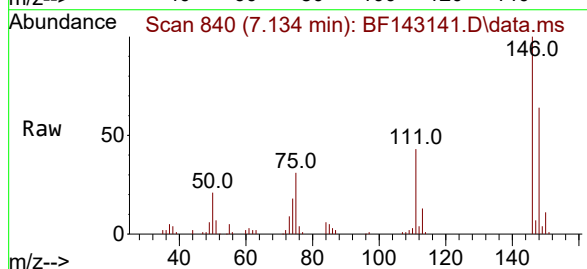
Tgt Ion:146 Resp: 49028

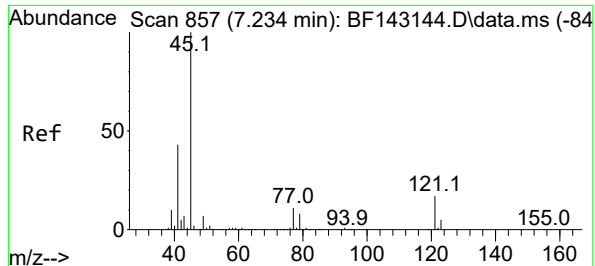
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

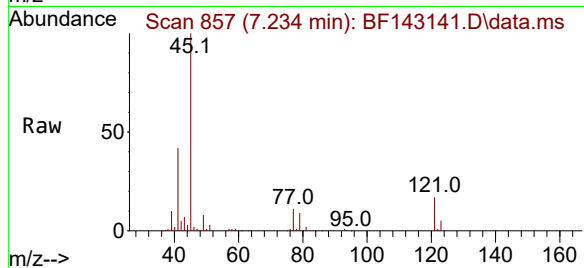
111 42.9 36.6 54.8





#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.423 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

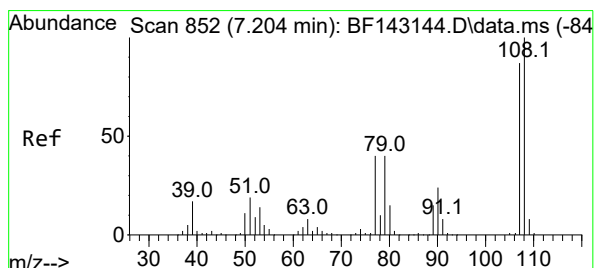
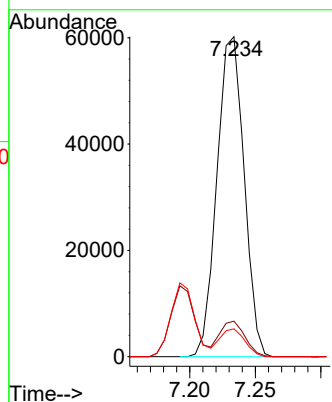
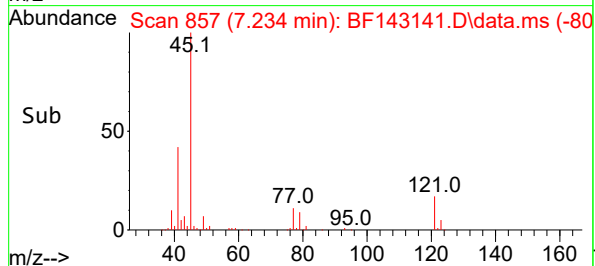
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



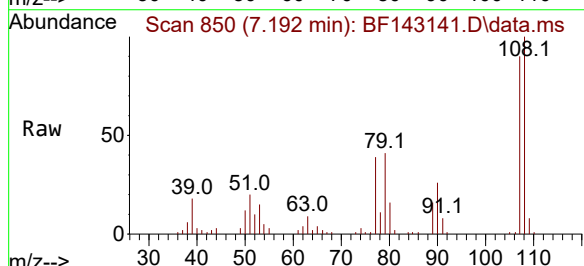
Tgt Ion: 45 Resp: 8672
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.2
79 8.7 0.0 28.5

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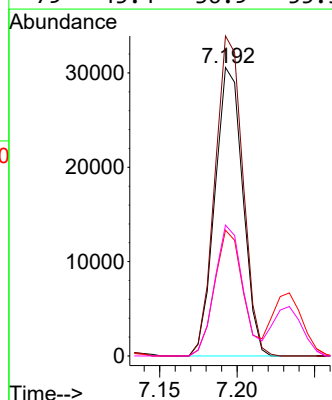
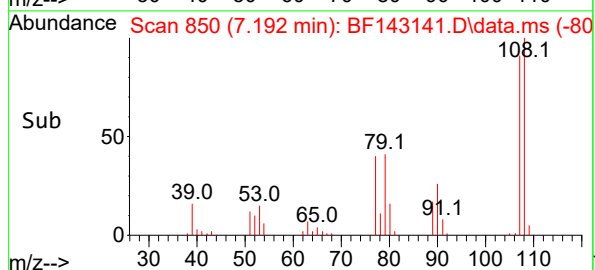
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

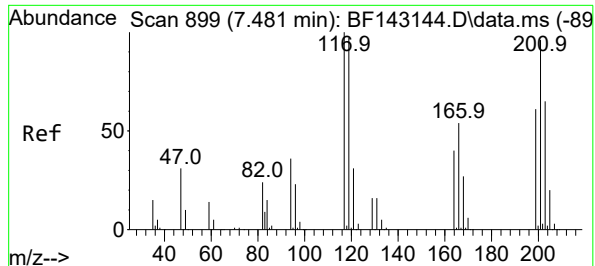


#17
2-Methylphenol
Concen: 5.289 ng
RT: 7.192 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion:107 Resp: 38278
Ion Ratio Lower Upper
107 100
108 110.9 91.8 137.6
77 43.6 37.0 55.6
79 45.4 36.9 55.3





#18

Hexachloroethane

Concen: 5.198 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF143141.D

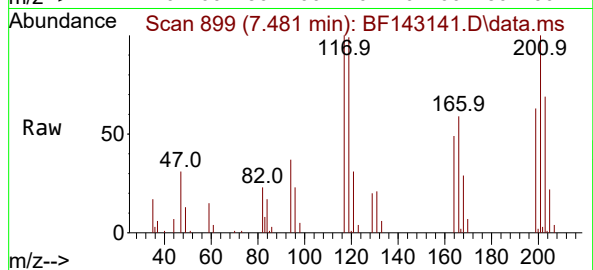
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:117 Resp: 16944

Ion Ratio Lower Upper

117 100

119 99.4 77.8 116.8

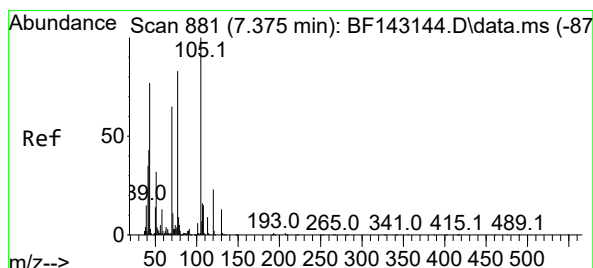
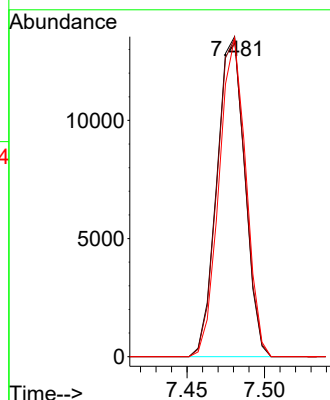
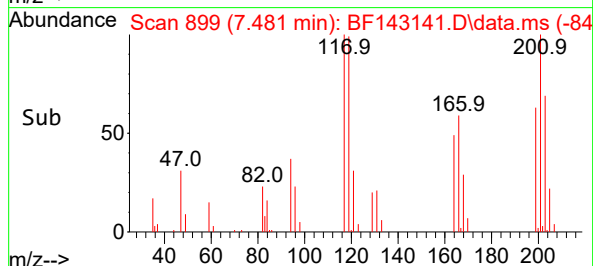
201 99.6 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#19

n-Nitroso-di-n-propylamine

Concen: 5.445 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.018 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion: 70 Resp: 36103

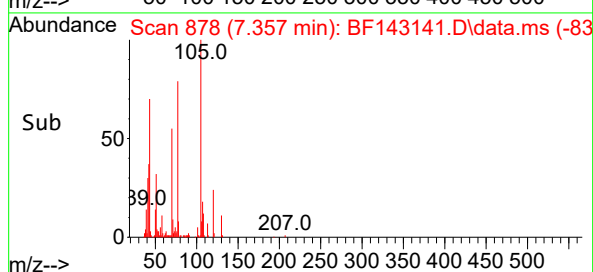
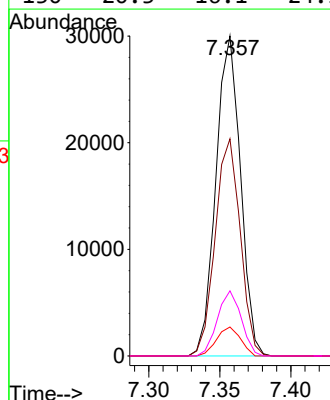
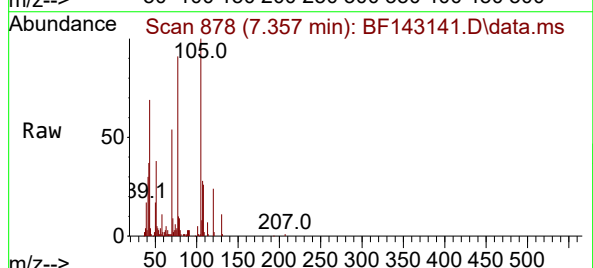
Ion Ratio Lower Upper

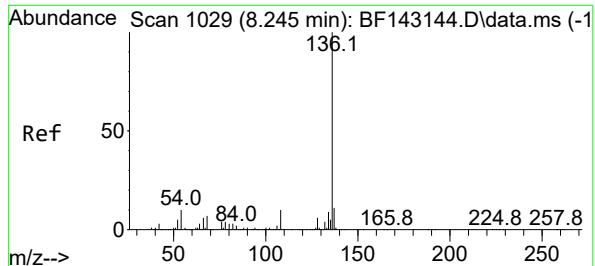
70 100

42 67.8 52.5 78.7

101 9.0 7.6 11.4

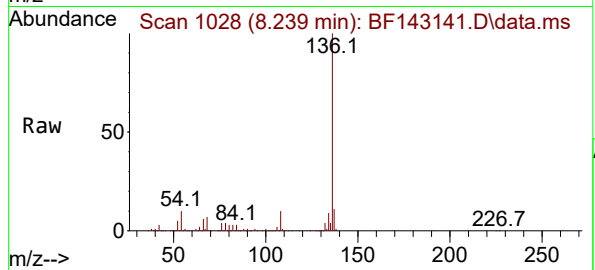
130 20.3 16.1 24.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

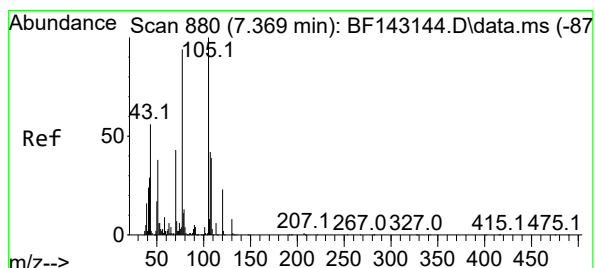
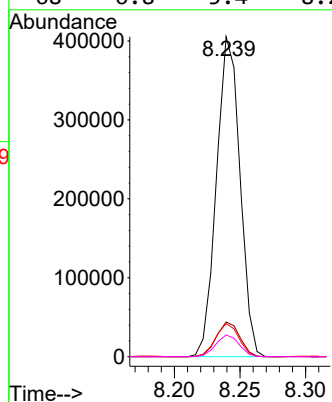
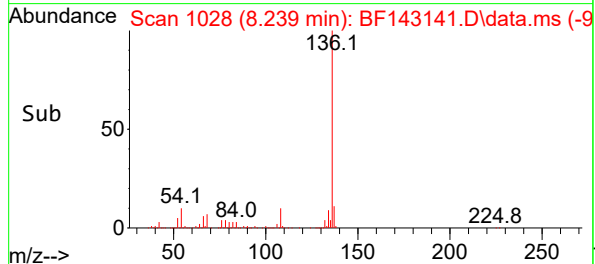
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 504790
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.2 12.2
68 6.8 5.4 8.2

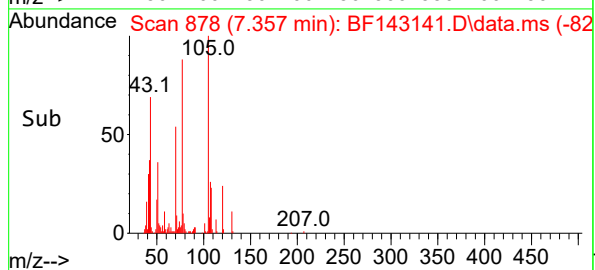
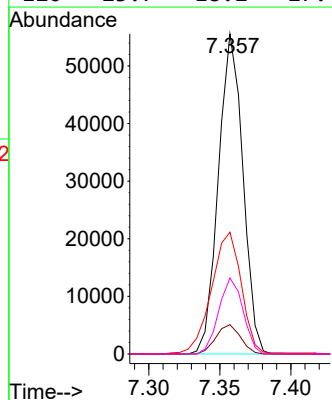
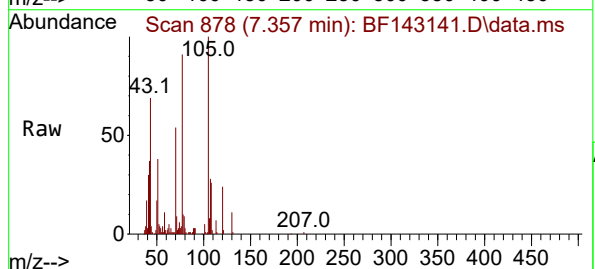
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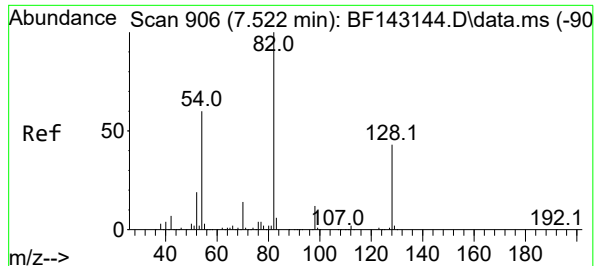
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 5.569 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:105 Resp: 66559
Ion Ratio Lower Upper
105 100
71 9.1 5.8 8.6#
51 38.1 30.2 45.2
120 23.7 18.2 27.4





#23

Nitrobenzene-d5

Concen: 10.146 ng m

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 102749

Ion Ratio Lower Upper

82 100

128 39.1 33.6 50.4

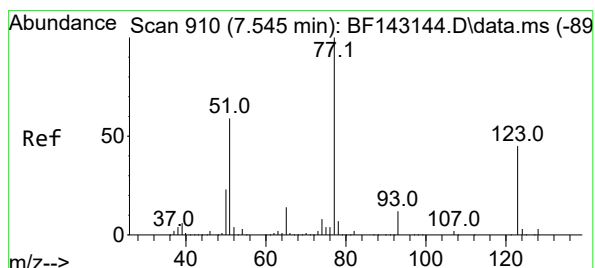
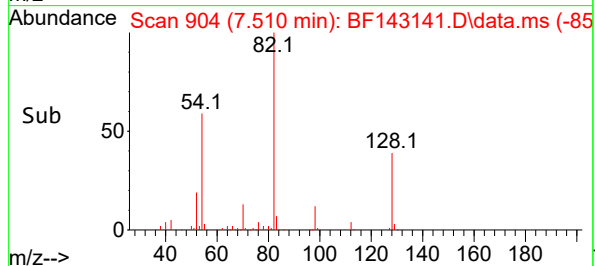
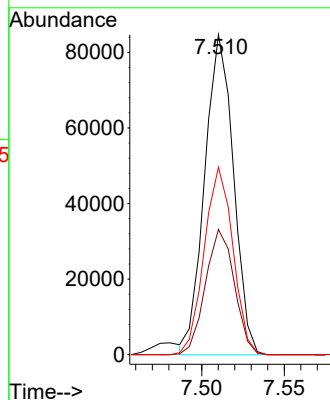
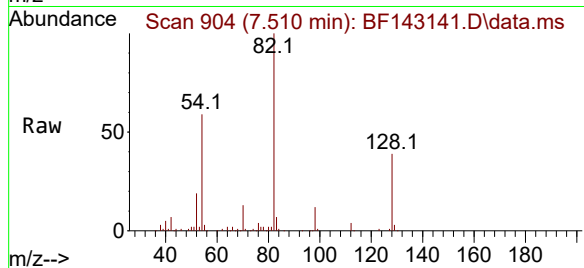
54 58.6 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 5.074 ng

RT: 7.528 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

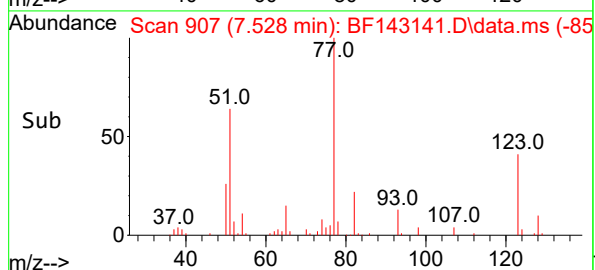
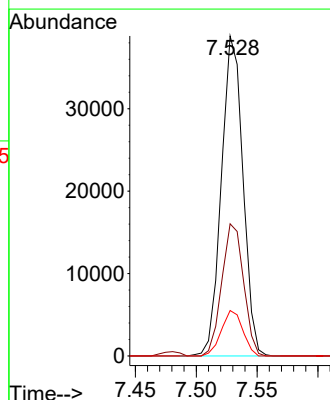
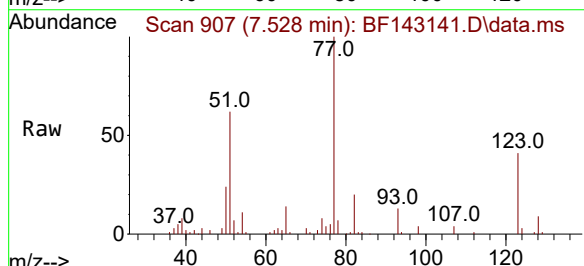
Tgt Ion: 77 Resp: 47902

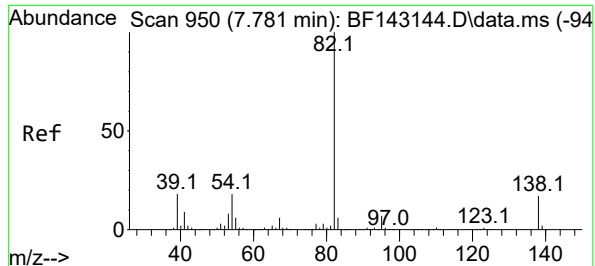
Ion Ratio Lower Upper

77 100

123 41.3 36.1 54.1

65 14.2 11.4 17.2





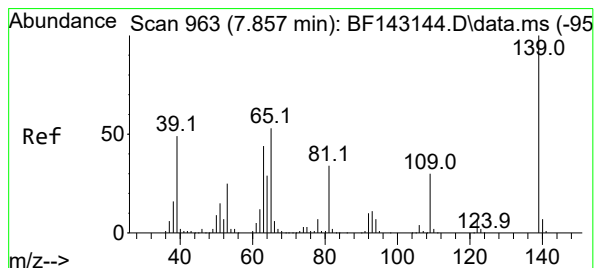
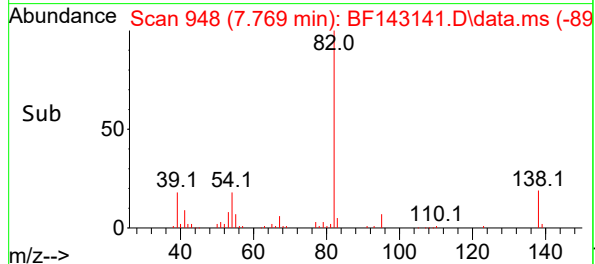
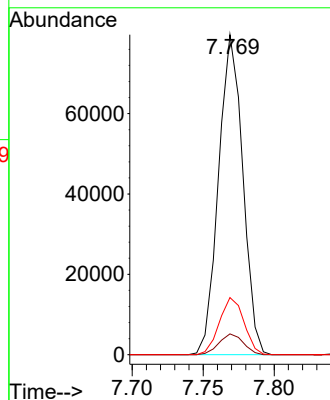
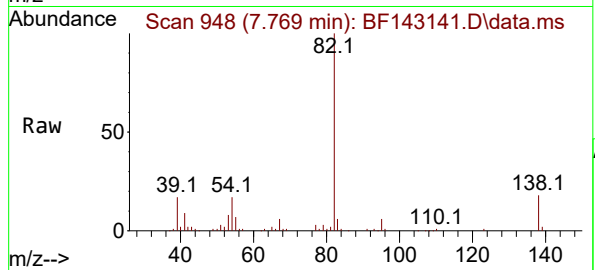
#25
Isophorone
Concen: 5.279 ng
RT: 7.769 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 94372
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 17.8 13.8 20.8

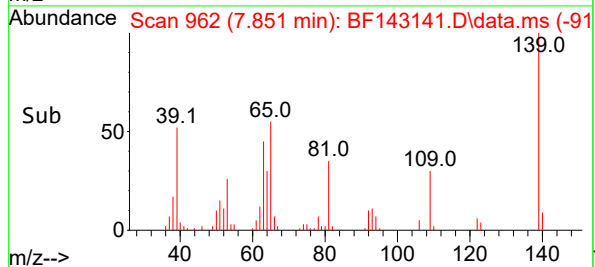
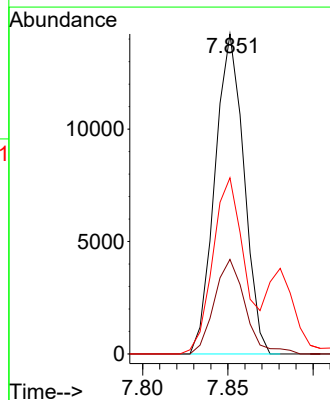
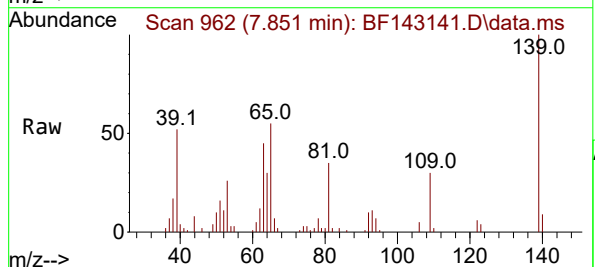
Manual Integrations
APPROVED

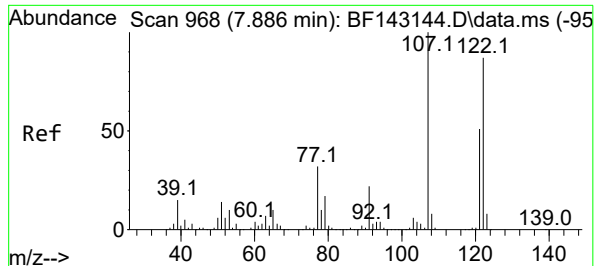
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 4.107 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:139 Resp: 16827
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 55.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 5.382 ng

RT: 7.881 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

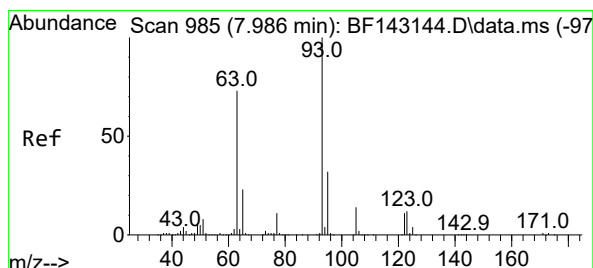
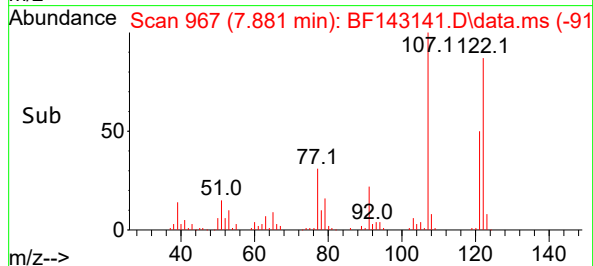
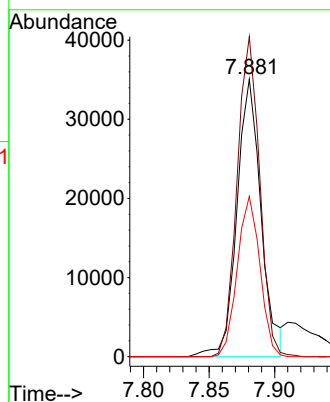
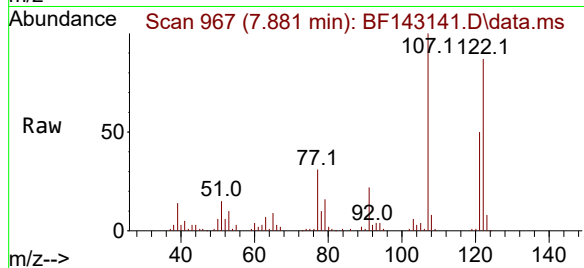
Tgt Ion:122 Resp: 44954
Ion Ratio Lower Upper
122 100
107 115.3 91.8 137.6
121 57.8 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.455 ng

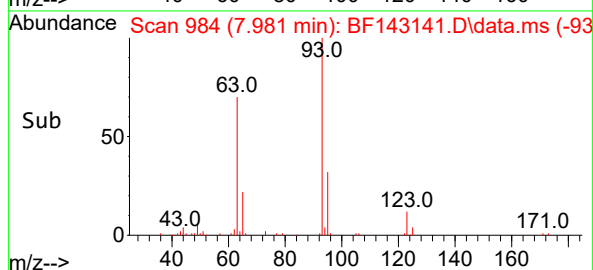
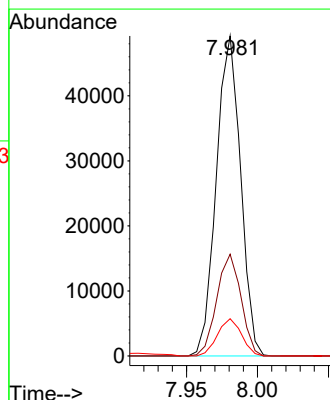
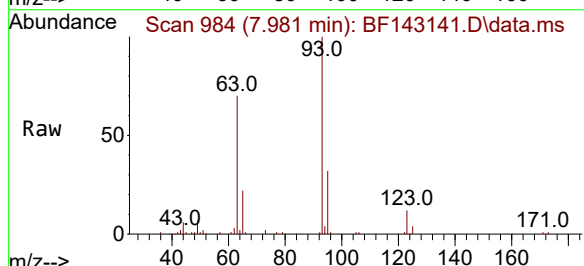
RT: 7.981 min Scan# 984

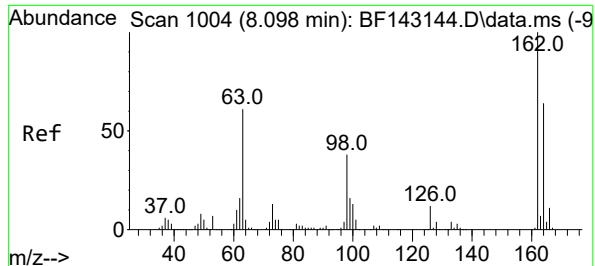
Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion: 93 Resp: 58465
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.6
123 11.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 5.236 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 36884

Ion Ratio Lower Upper

162 100

164 60.8 44.2 84.2

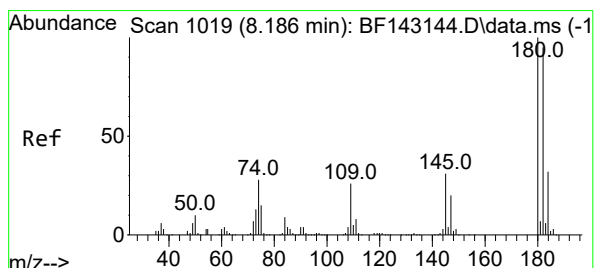
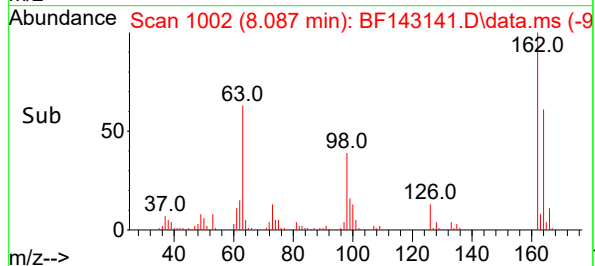
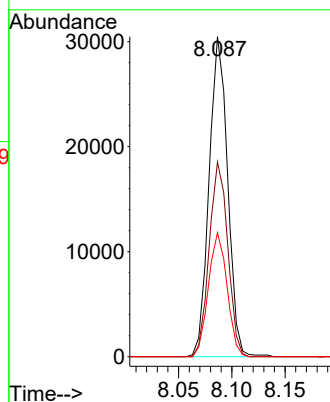
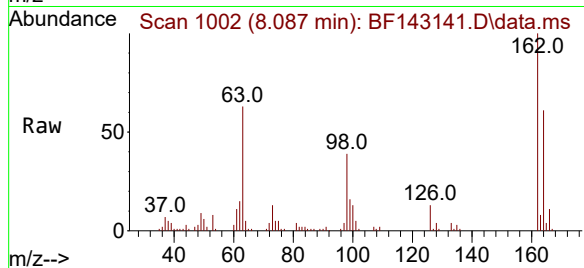
98 38.7 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.460 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

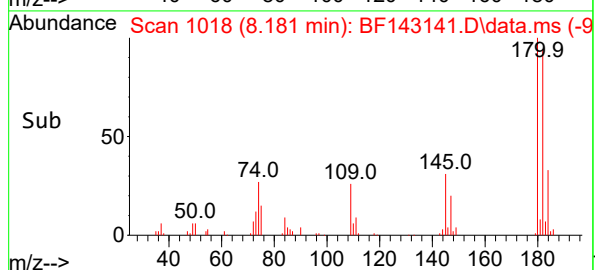
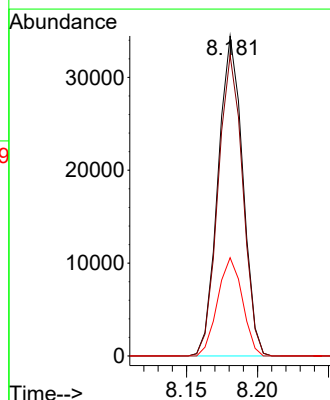
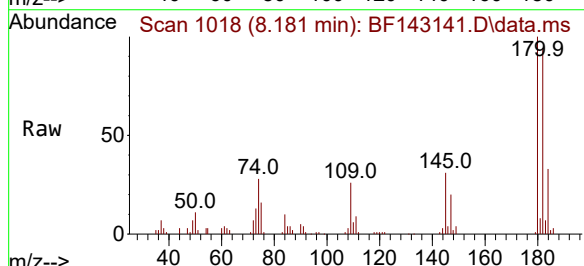
Tgt Ion:180 Resp: 41552

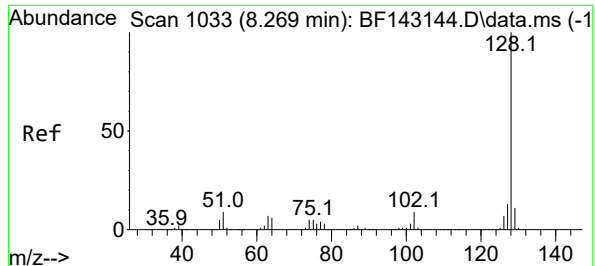
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.2

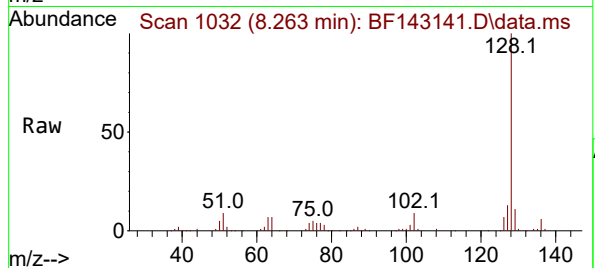
145 30.7 25.0 37.6





#31
Naphthalene
Concen: 5.676 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

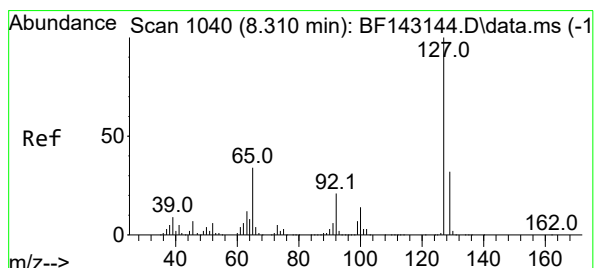
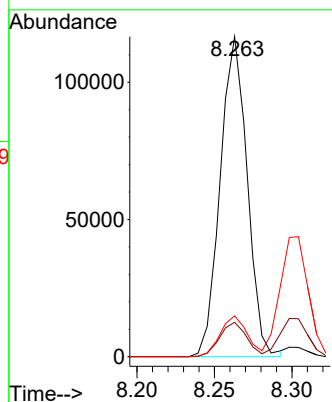
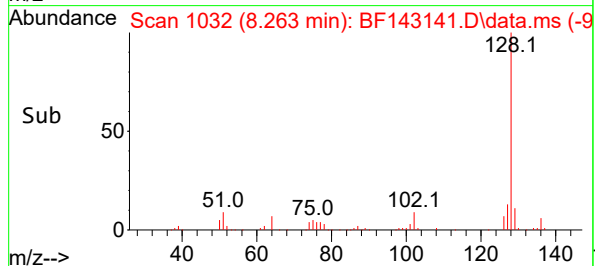
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 141099
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.7 10.6 16.0

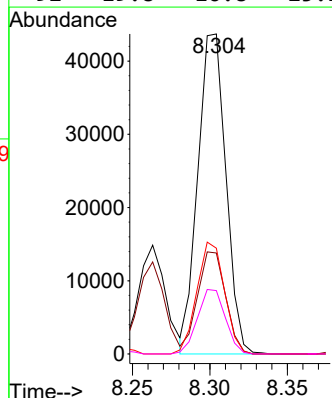
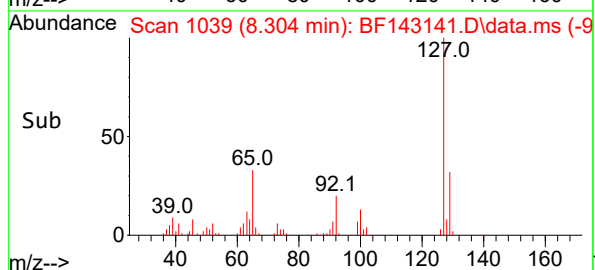
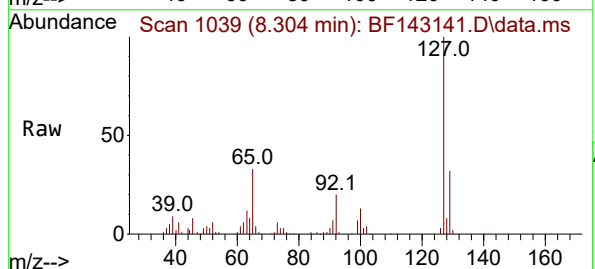
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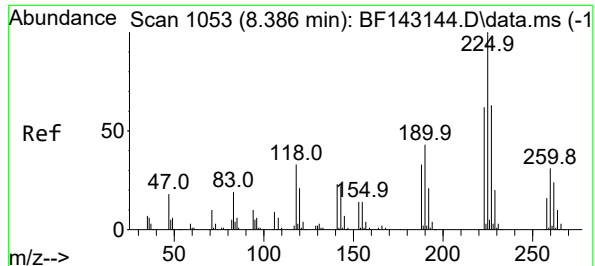
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#33
4-Chloroaniline
Concen: 5.431 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:127 Resp: 55130
Ion Ratio Lower Upper
127 100
129 31.6 26.0 39.0
65 33.0 27.4 41.2
92 19.8 16.8 25.2





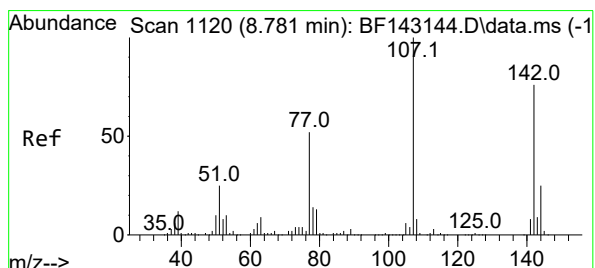
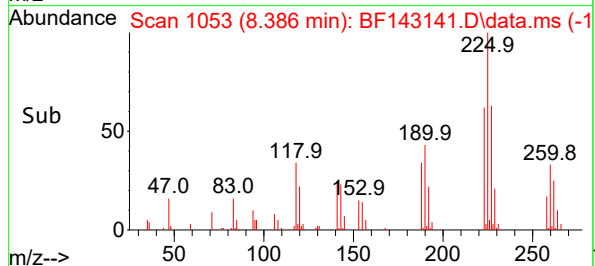
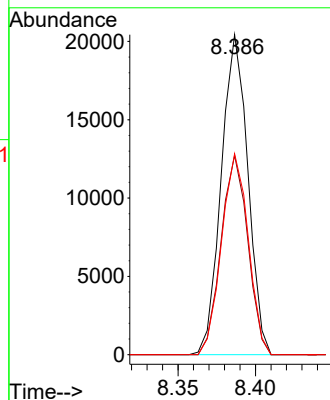
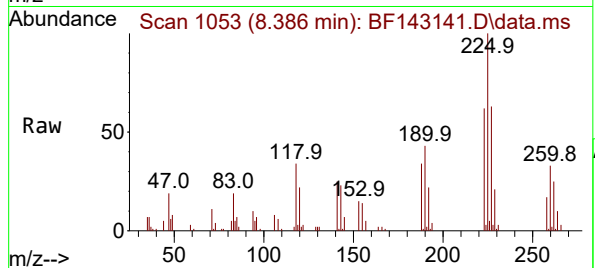
#34
Hexachlorobutadiene
Concen: 5.232 ng
RT: 8.386 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 2432
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 62.8 50.2 75.4

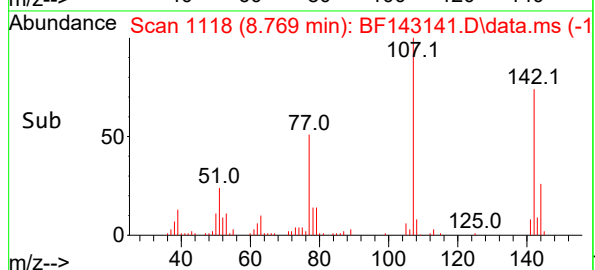
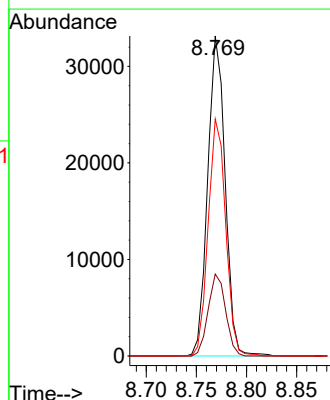
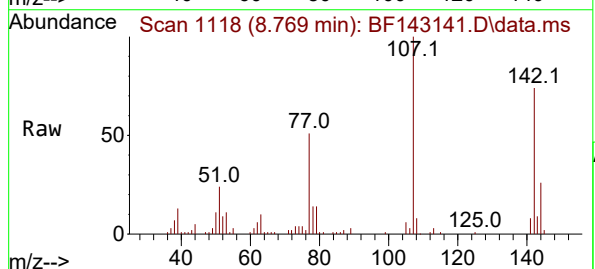
Manual Integrations
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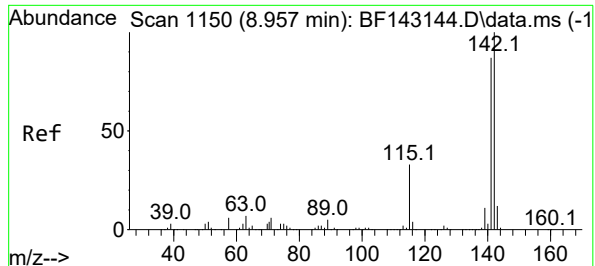
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 5.251 ng
RT: 8.769 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

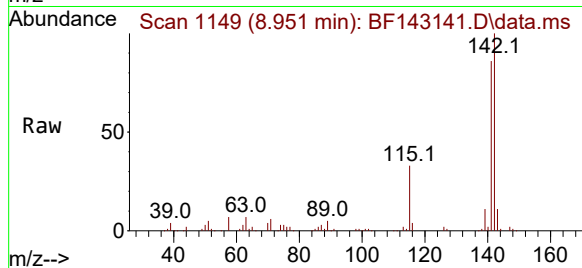
Tgt Ion:107 Resp: 40203
Ion Ratio Lower Upper
107 100
144 25.6 19.8 29.6
142 74.1 60.6 90.8





#37
2-Methylnaphthalene
Concen: 5.568 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

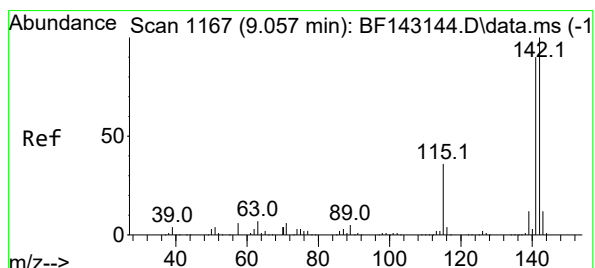
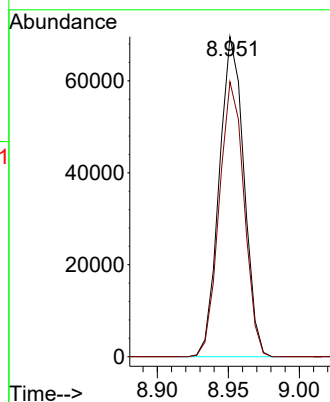
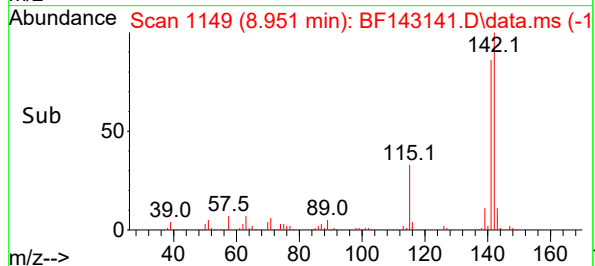
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:142 Resp: 84234
Ion Ratio Lower Upper
142 100
141 85.9 69.9 104.9

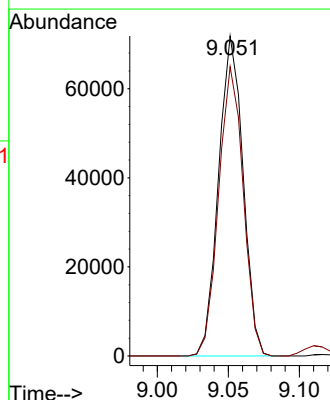
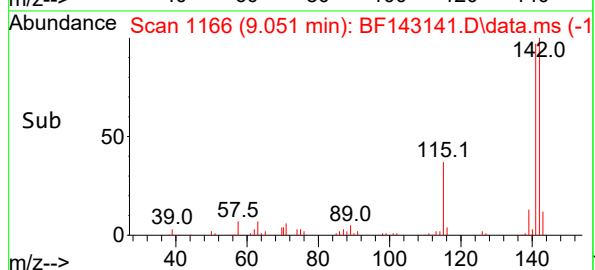
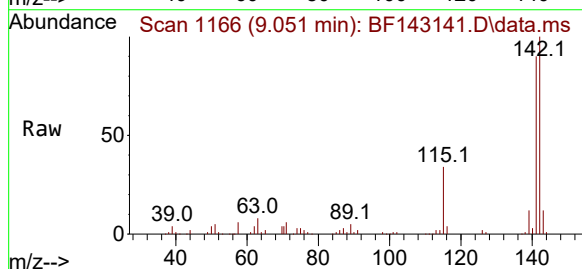
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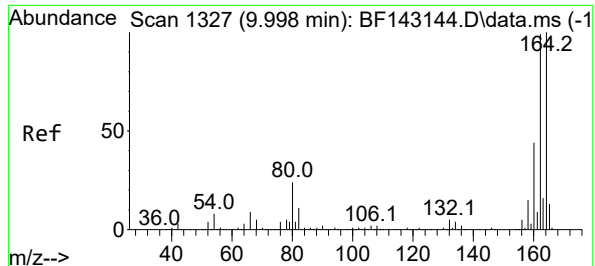
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 5.529 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:142 Resp: 86130
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143141.D

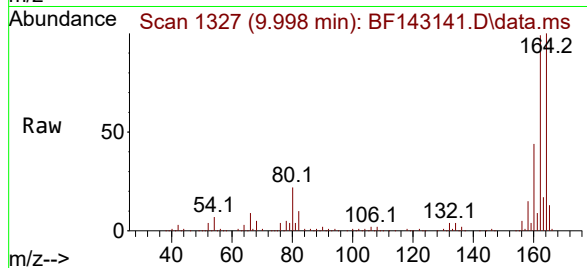
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 263409

Ion Ratio Lower Upper

164 100

162 99.5 79.0 118.6

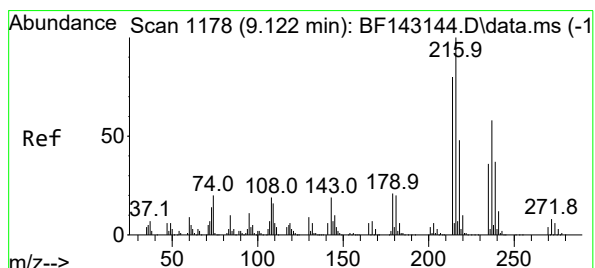
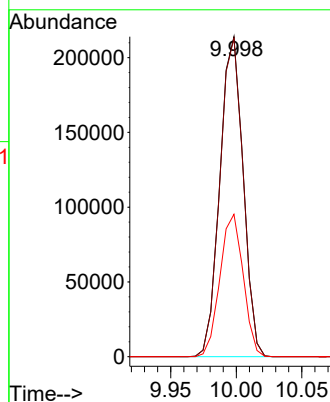
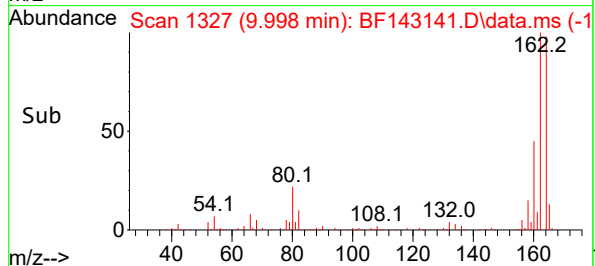
160 44.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.523 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion:216 Resp: 41999

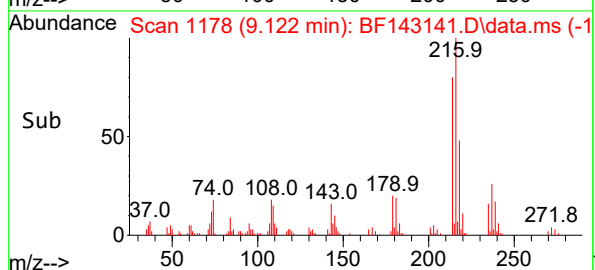
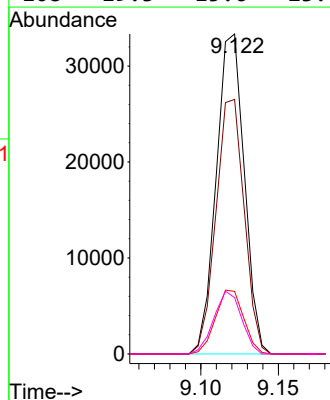
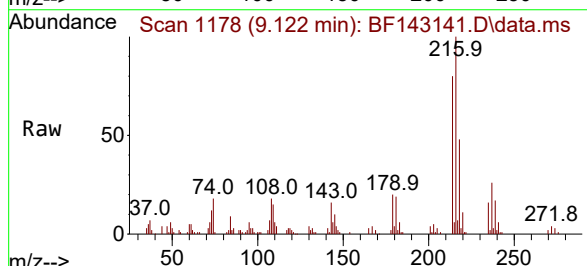
Ion Ratio Lower Upper

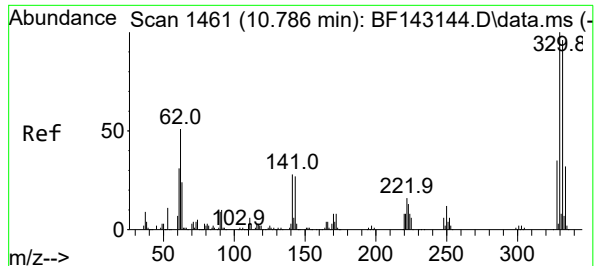
216 100

214 79.9 63.8 95.8

179 20.1 16.4 24.6

108 19.3 15.6 23.4





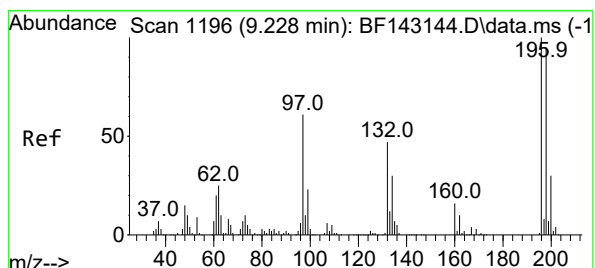
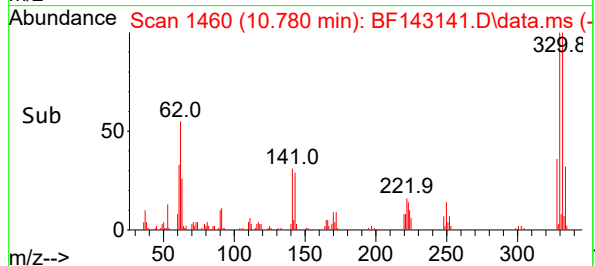
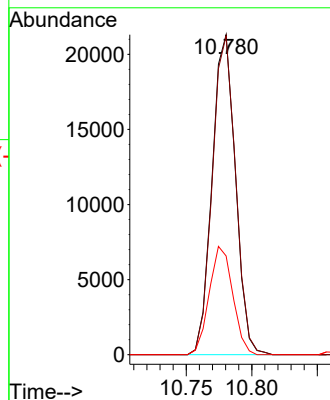
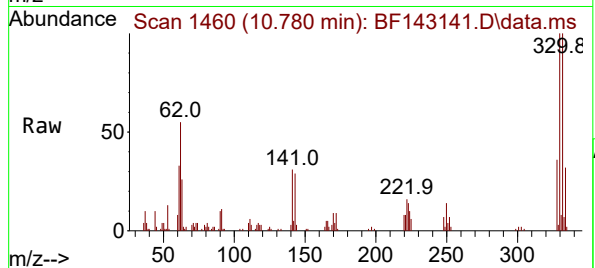
#42
2,4,6-Tribromophenol
Concen: 9.661 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 2628
Ion Ratio Lower Upper
330 100
332 99.4 76.7 115.1
141 34.3 23.3 34.9

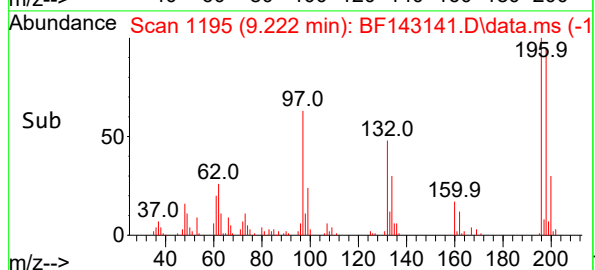
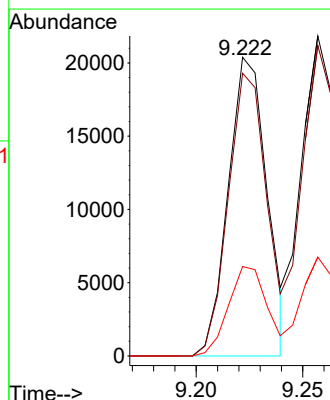
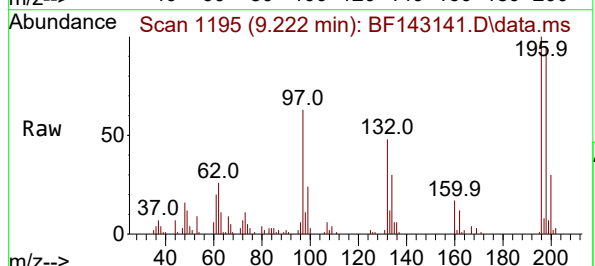
Manual Integrations
APPROVED

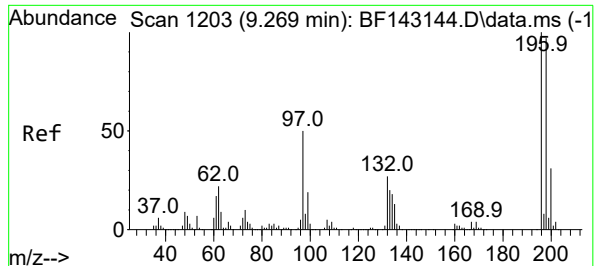
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#43
2,4,6-Trichlorophenol
Concen: 4.889 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

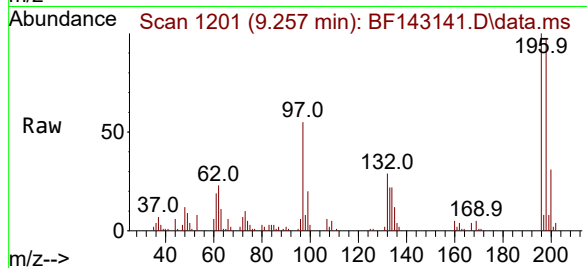
Tgt Ion:196 Resp: 25730
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.0 23.9 35.9





#44
2,4,5-Trichlorophenol
Concen: 5.057 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

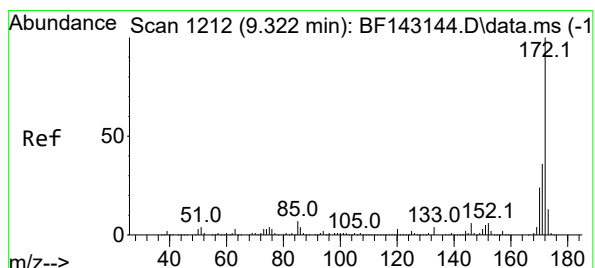
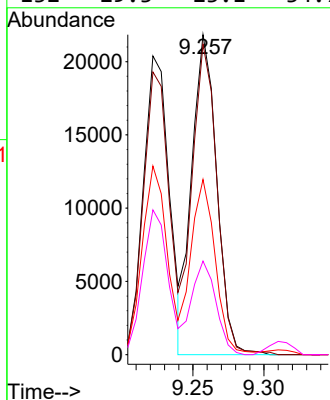
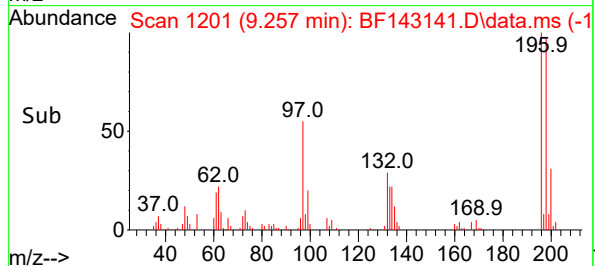
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



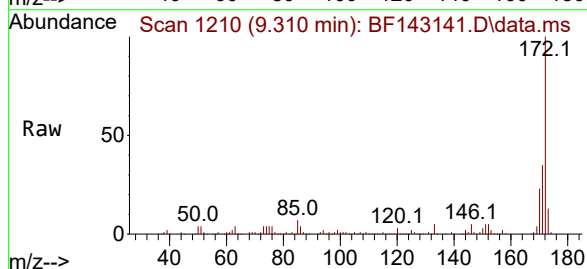
Tgt Ion:196 Resp: 26620
Ion Ratio Lower Upper
196 100
198 97.0 77.3 115.9
97 54.7 40.3 60.5
132 29.3 23.1 34.7

Manual Integrations
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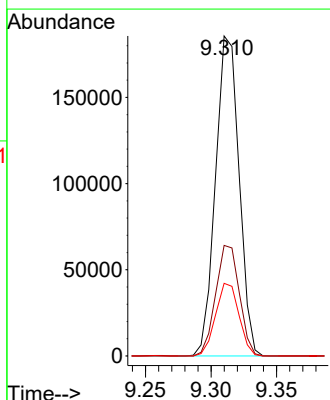
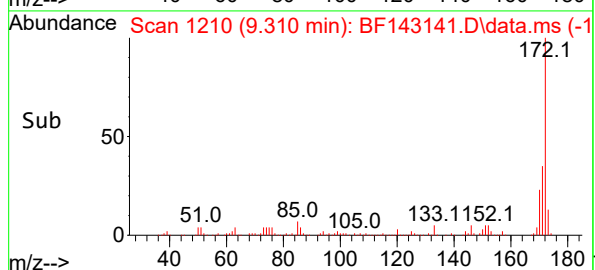
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

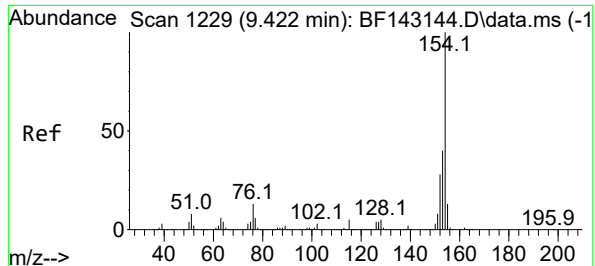


#45
2-Fluorobiphenyl
Concen: 12.043 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



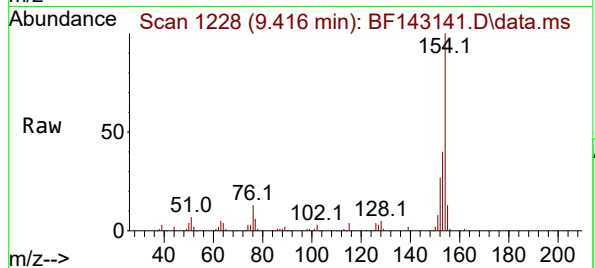
Tgt Ion:172 Resp: 231962
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 22.7 18.8 28.2





#46
1,1'-Biphenyl
Concen: 5.602 ng
RT: 9.416 min Scan# 115130
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

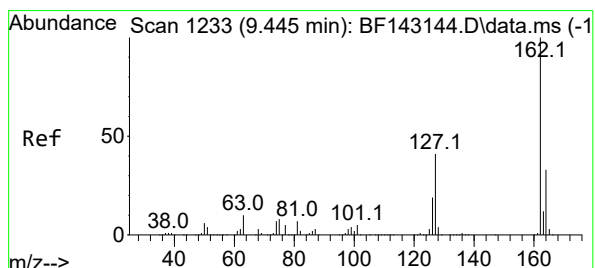
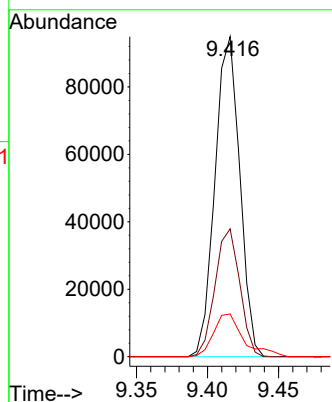
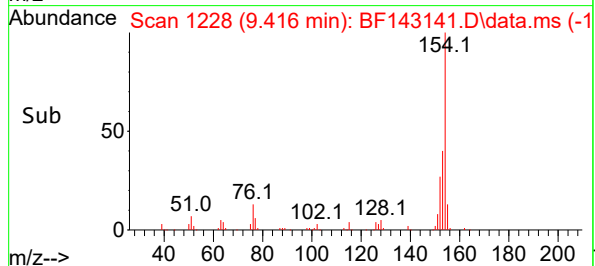
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 115130
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 13.4 0.0 33.3

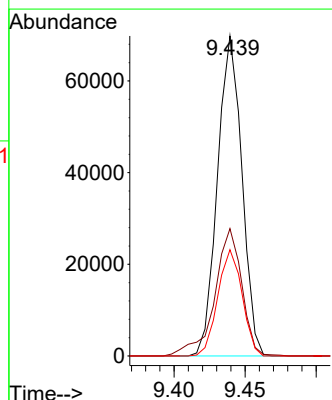
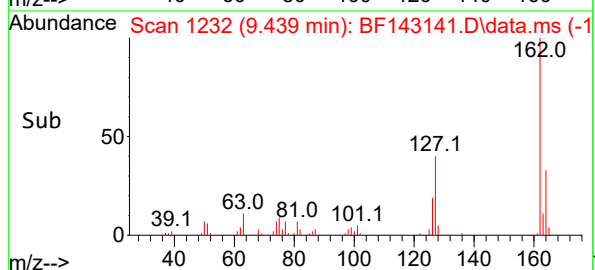
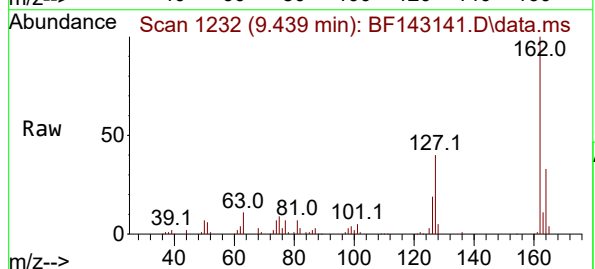
Manual Integrations
APPROVED

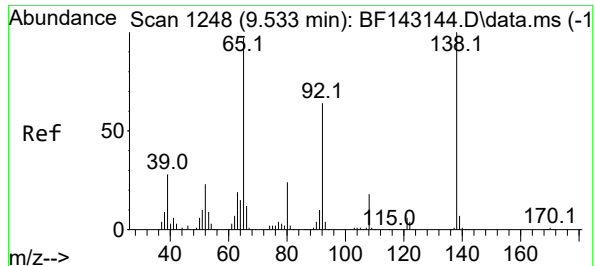
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#47
2-Chloronaphthalene
Concen: 5.491 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:162 Resp: 83495
Ion Ratio Lower Upper
162 100
127 39.8 33.4 50.2
164 33.2 26.2 39.2





#48

2-Nitroaniline

Concen: 4.210 ng

RT: 9.522 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143141.D

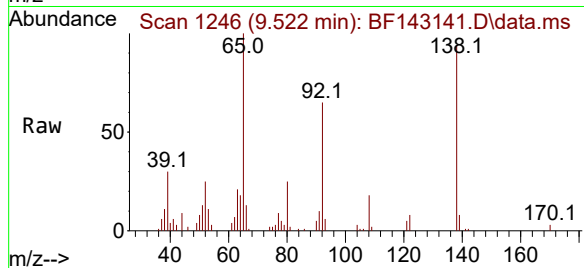
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion: 65 Resp: 20070

Ion Ratio Lower Upper

65 100

92 65.3 52.4 78.6

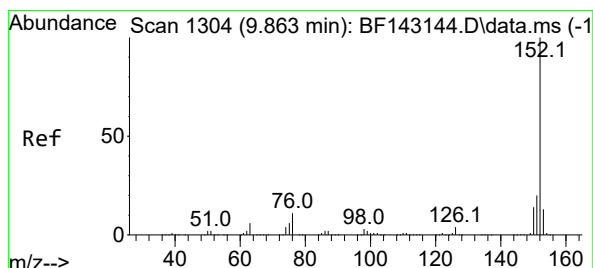
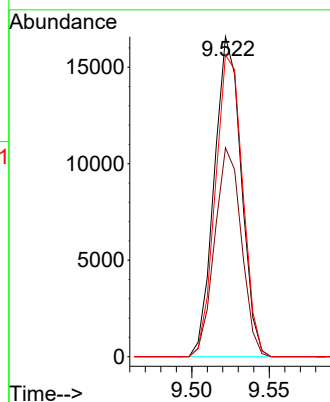
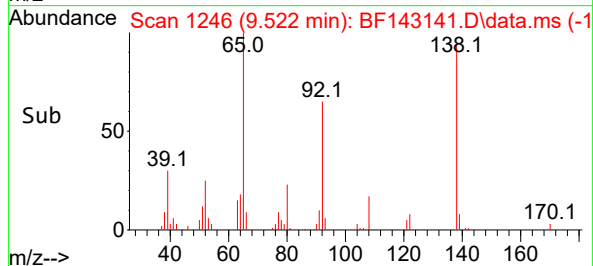
138 94.3 82.3 123.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#49

Acenaphthylene

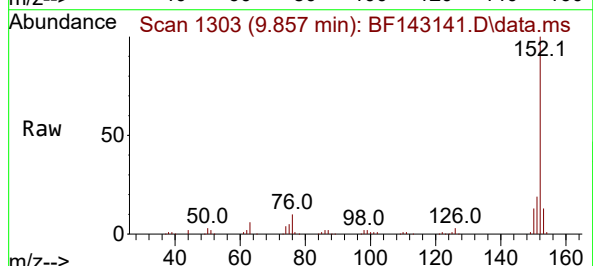
Concen: 5.514 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34



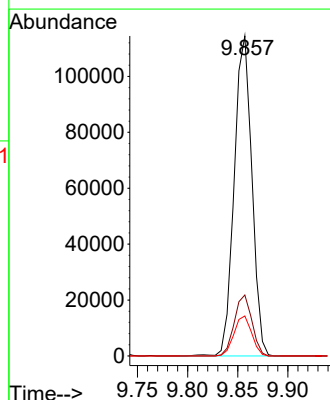
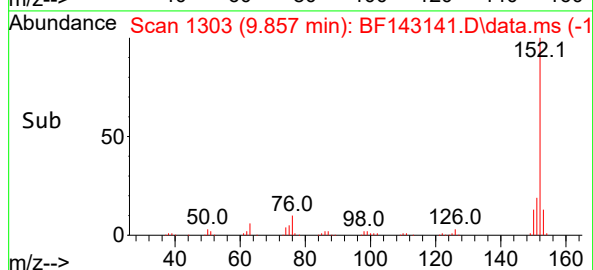
Tgt Ion:152 Resp: 140525

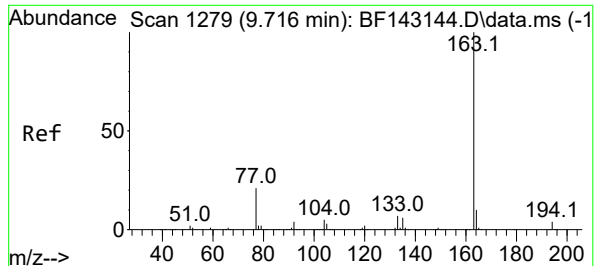
Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

153 12.5 10.6 16.0





#50

Dimethylphthalate

Concen: 5.452 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:163 Resp: 9361

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

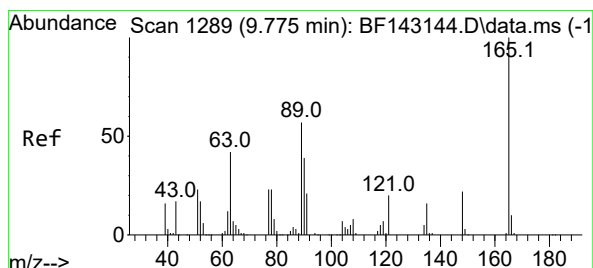
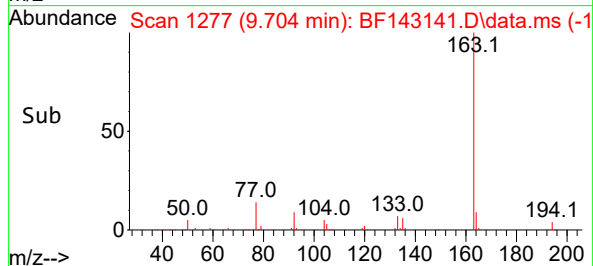
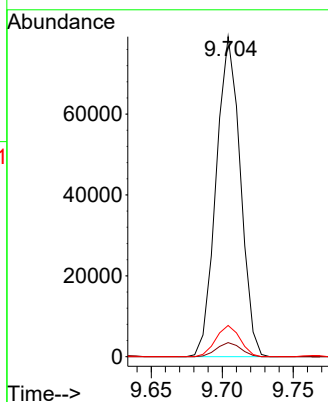
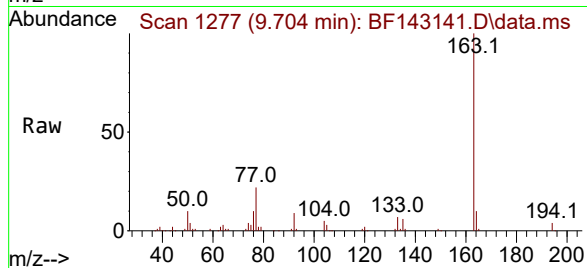
164 9.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#51

2,6-Dinitrotoluene

Concen: 4.234 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

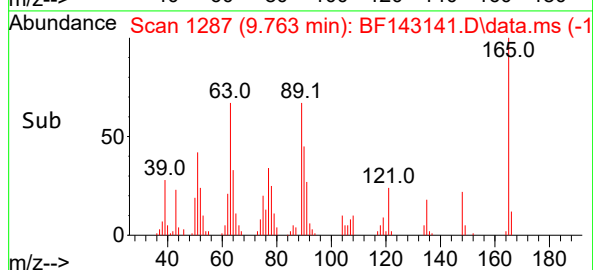
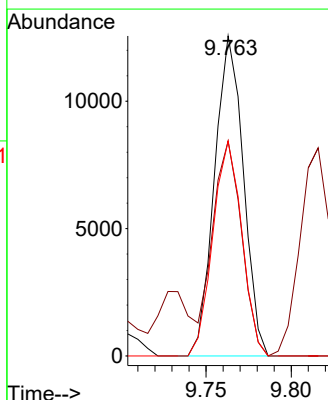
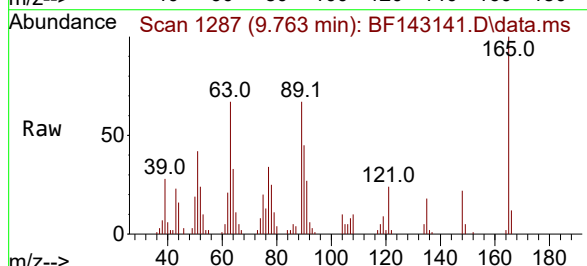
Tgt Ion:165 Resp: 14787

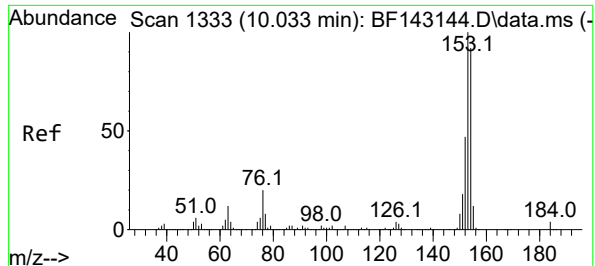
Ion Ratio Lower Upper

165 100

63 67.1 49.4 74.2

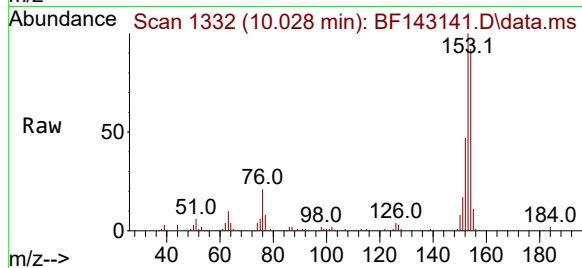
89 67.2 46.2 69.2





#52
Acenaphthene
Concen: 5.588 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

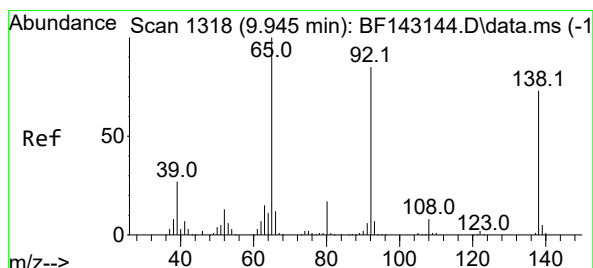
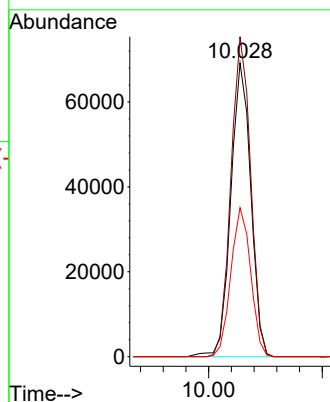
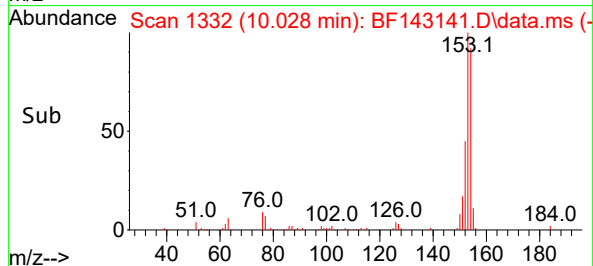
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 84160
Ion Ratio Lower Upper
154 100
153 109.0 86.6 129.8
152 50.7 40.4 60.6

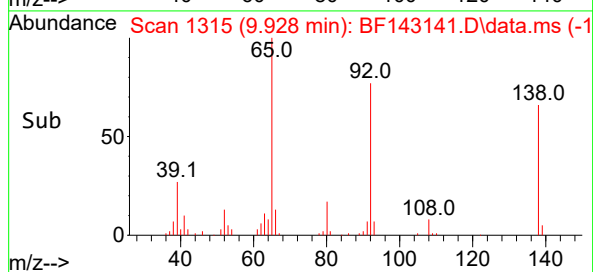
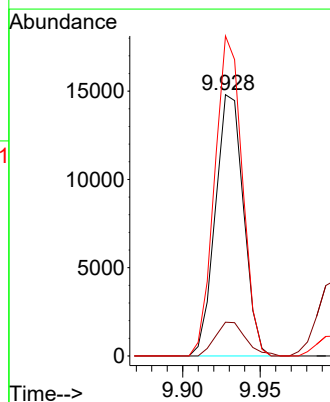
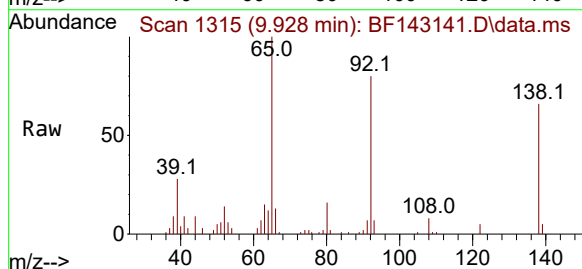
Manual Integrations
APPROVED

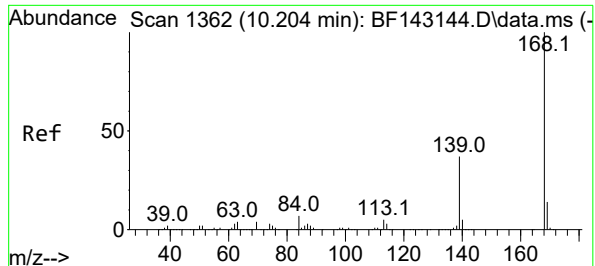
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#53
3-Nitroaniline
Concen: 4.587 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:138 Resp: 18738
Ion Ratio Lower Upper
138 100
108 12.9 9.0 13.6
92 122.5 93.0 139.4





#55

Dibenzenofuran

Concen: 5.681 ng

RT: 10.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:168 Resp: 127035

Ion Ratio Lower Upper

168 100

139 34.7 29.5 44.3

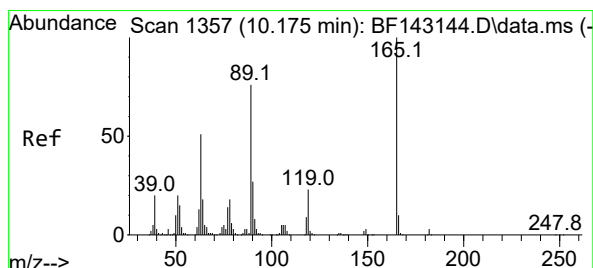
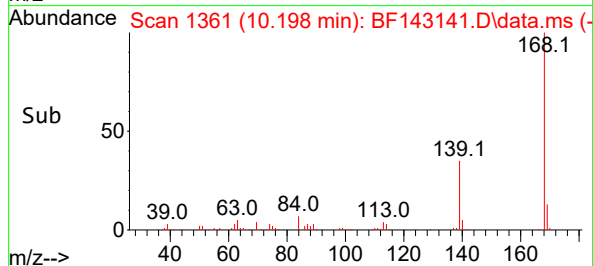
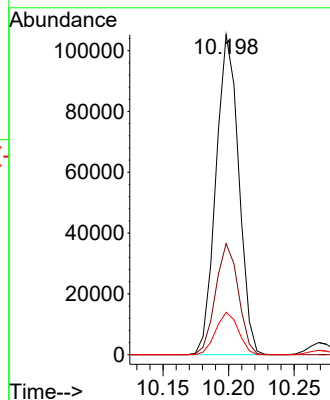
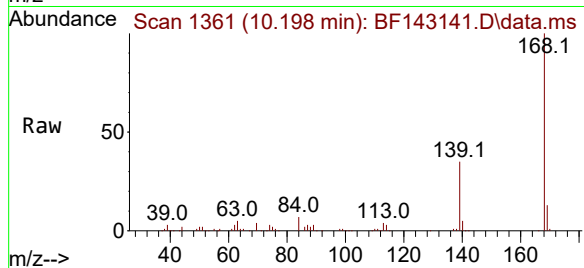
169 13.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#57

2,4-Dinitrotoluene

Concen: 4.041 ng

RT: 10.163 min Scan# 1355

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Tgt Ion:165 Resp: 17709

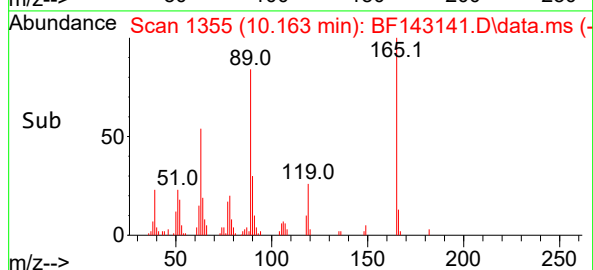
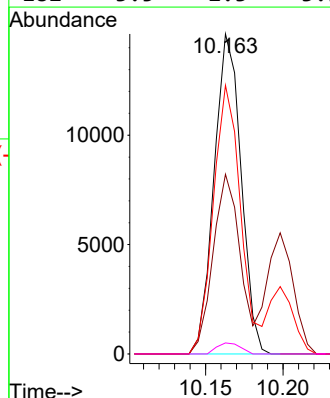
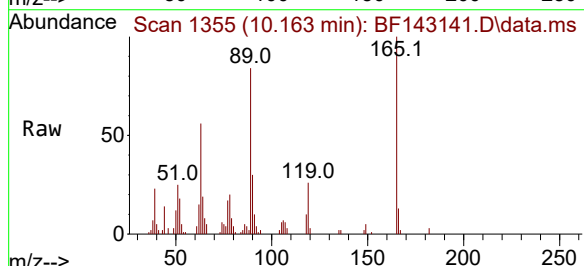
Ion Ratio Lower Upper

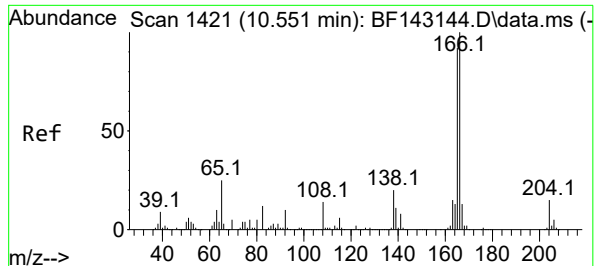
165 100

63 56.1 41.0 61.4

89 83.9 61.1 91.7

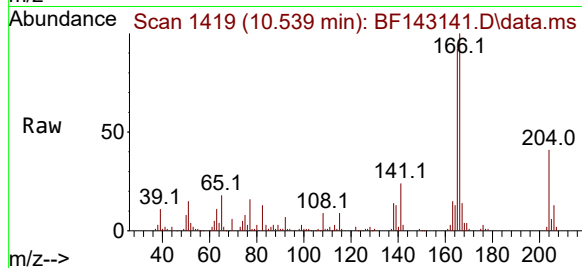
182 3.5 2.3 3.5





#58
Fluorene
Concen: 5.808 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

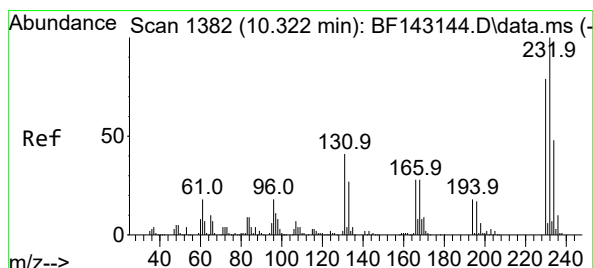
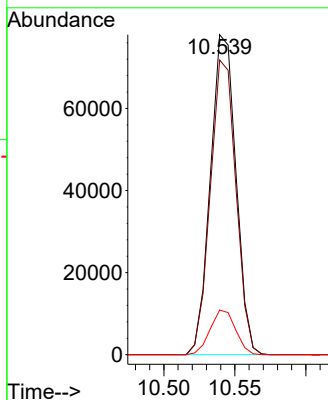
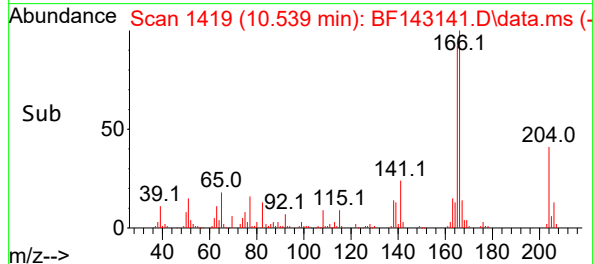
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 9747
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 14.0 10.6 16.0

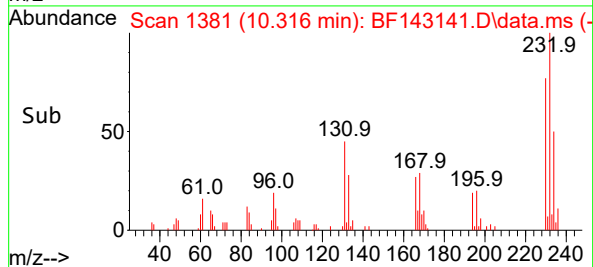
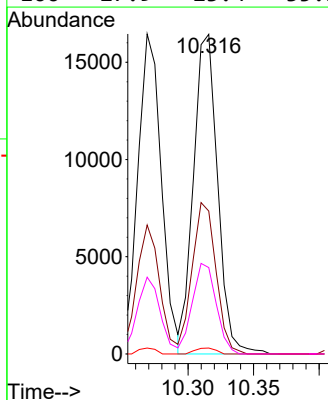
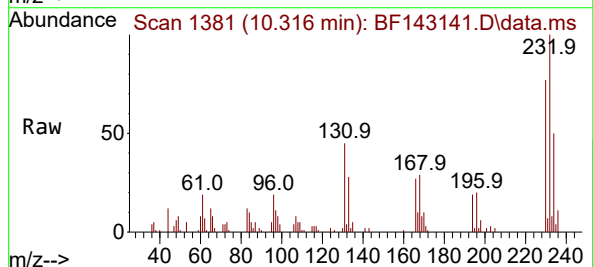
Manual Integrations
APPROVED

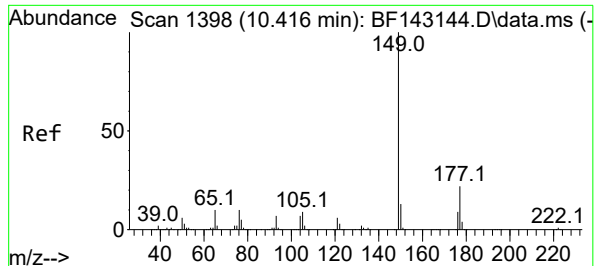
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.840 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:232 Resp: 21108
Ion Ratio Lower Upper
232 100
131 46.6 35.3 52.9
130 1.6 1.7 2.5#
166 27.9 23.4 35.2





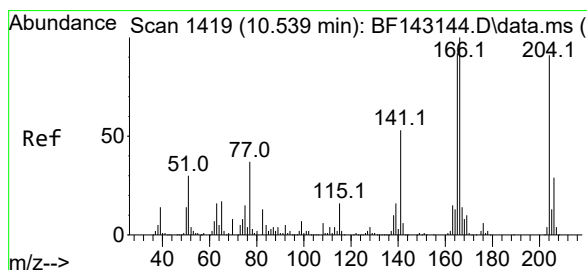
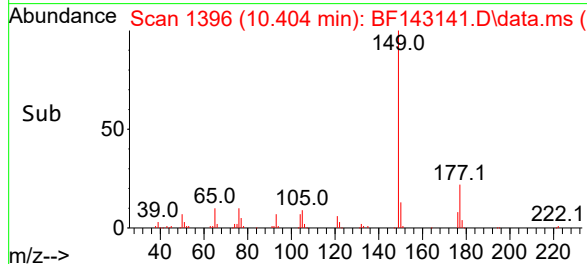
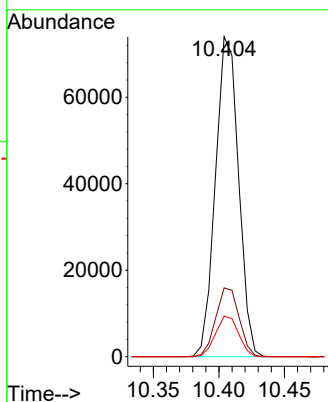
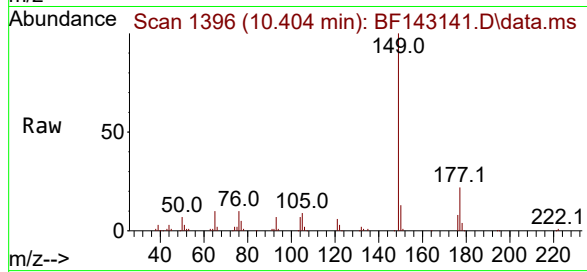
#60
Diethylphthalate
Concen: 5.342 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 9065
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.7 10.2 15.2

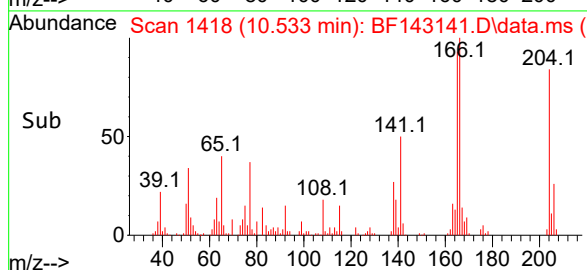
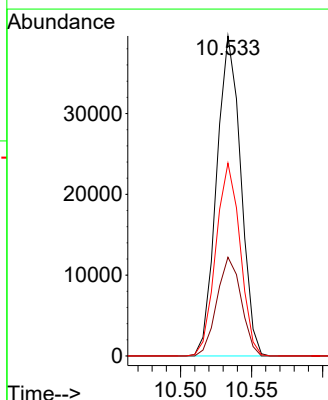
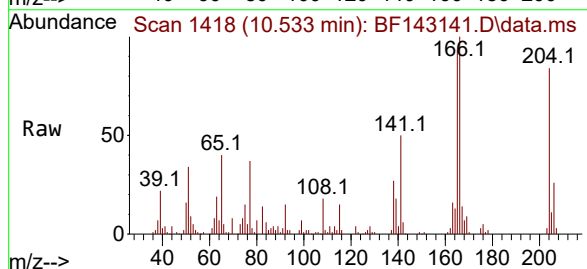
Manual Integrations
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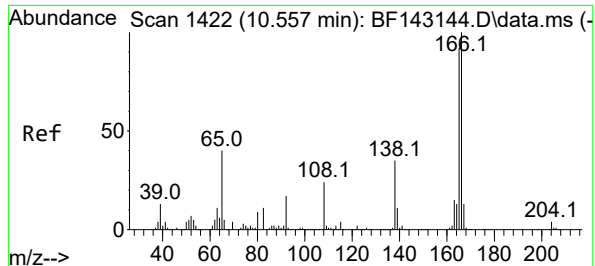
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.594 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

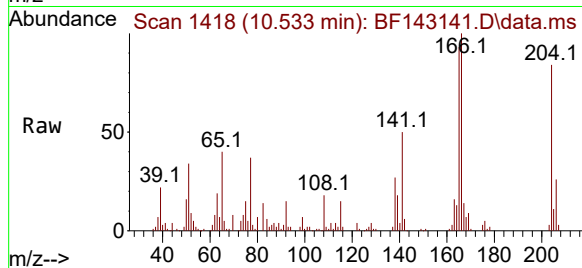
Tgt Ion:204 Resp: 46747
Ion Ratio Lower Upper
204 100
206 30.8 25.8 38.8
141 60.2 47.0 70.4





#62
4-Nitroaniline
Concen: 4.446 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

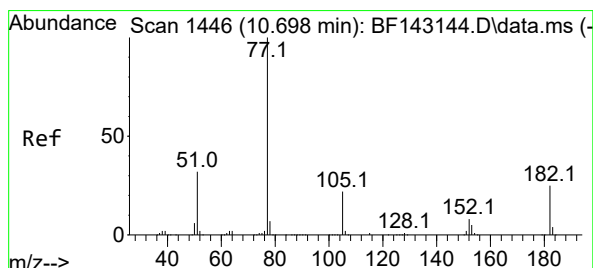
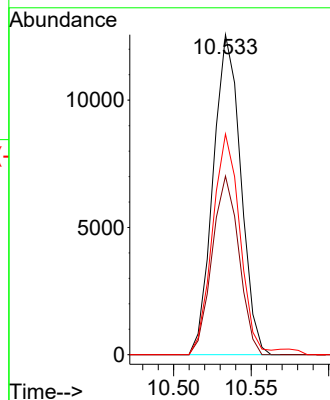
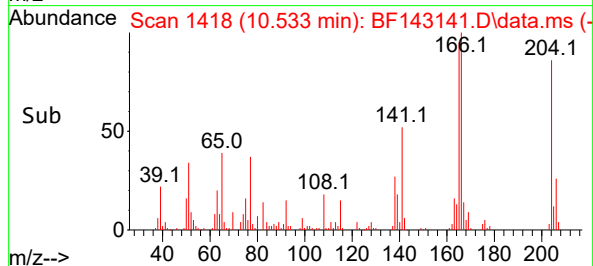
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



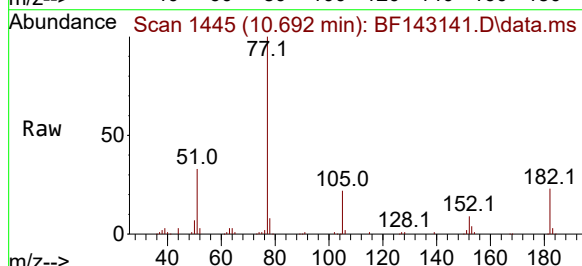
Tgt Ion:138 Resp: 1556
Ion Ratio Lower Upper
138 100
92 55.8 29.3 69.3
108 68.9 48.3 88.3

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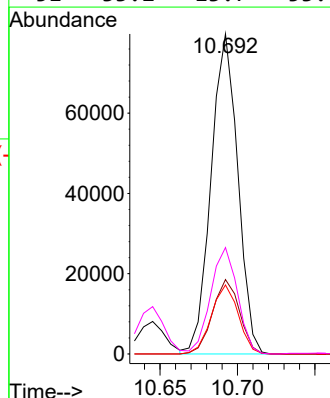
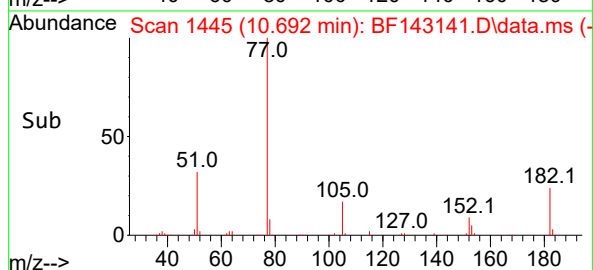
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

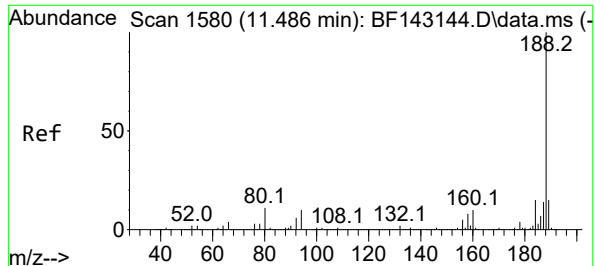


#63
Azobenzene
Concen: 5.405 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



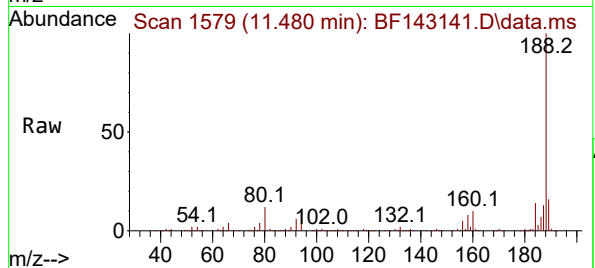
Tgt Ion: 77 Resp: 95602
Ion Ratio Lower Upper
77 100
182 23.2 4.6 44.6
105 21.5 1.4 41.4
51 33.2 13.7 53.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

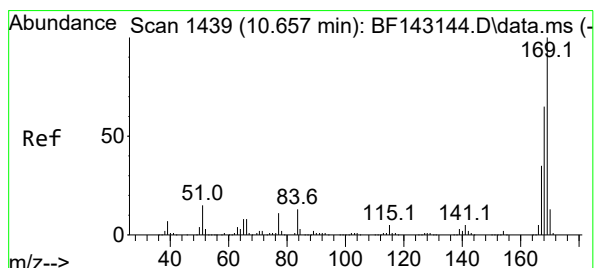
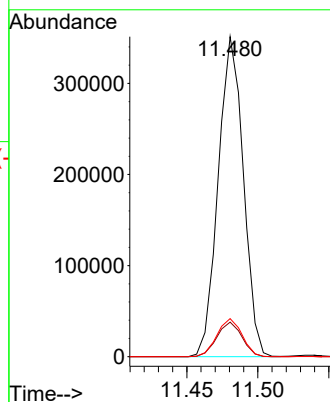
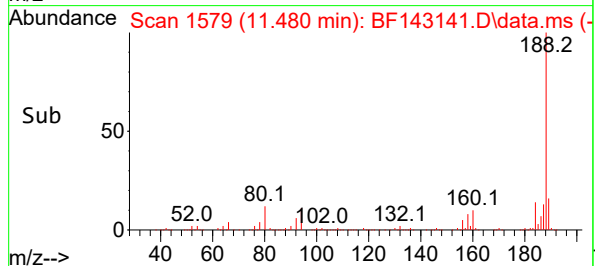
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



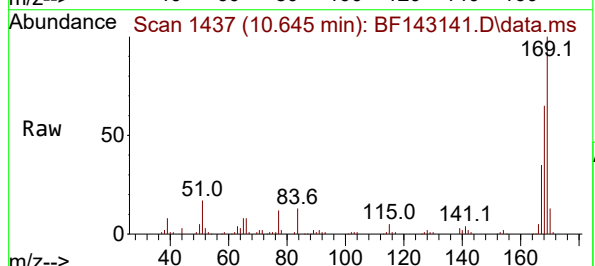
Tgt Ion:188 Resp: 432329
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.9 9.0 13.6

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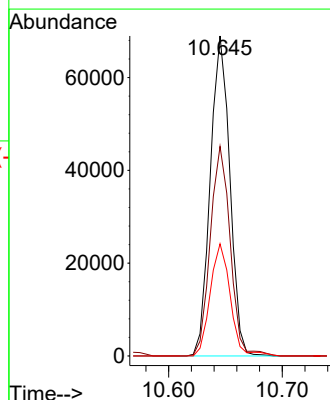
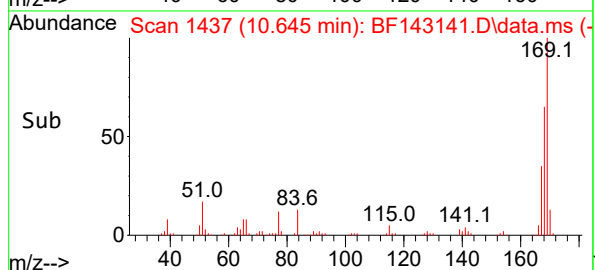
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

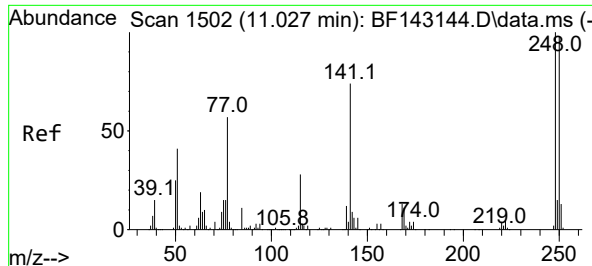


#66
n-Nitrosodiphenylamine
Concen: 5.405 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



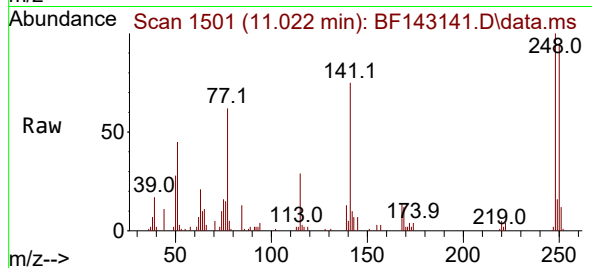
Tgt Ion:169 Resp: 82281
Ion Ratio Lower Upper
169 100
168 65.5 52.1 78.1
167 35.1 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 5.291 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

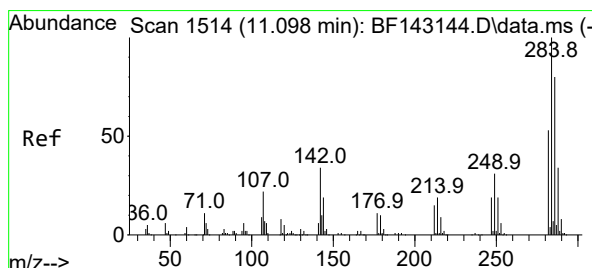
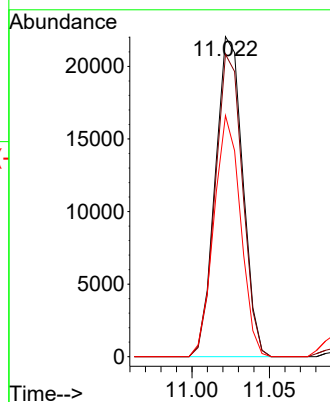
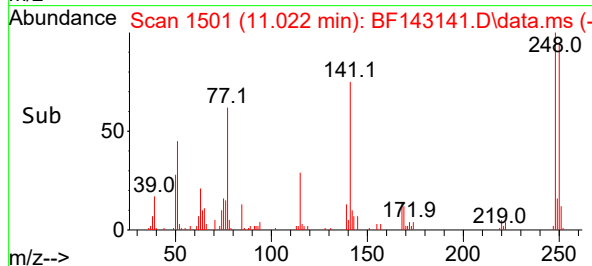
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



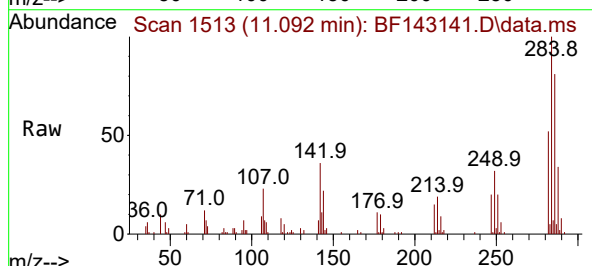
Tgt Ion:248 Resp: 27259
Ion Ratio Lower Upper
248 100
250 94.5 78.3 117.5
141 75.4 59.2 88.8

Manual Integrations
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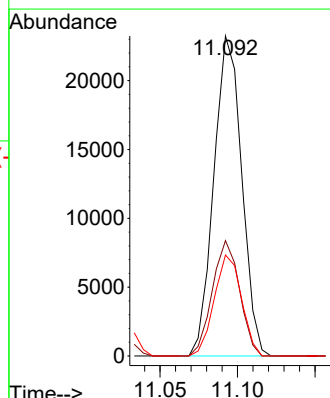
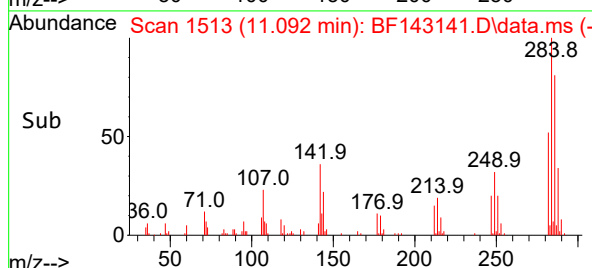
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

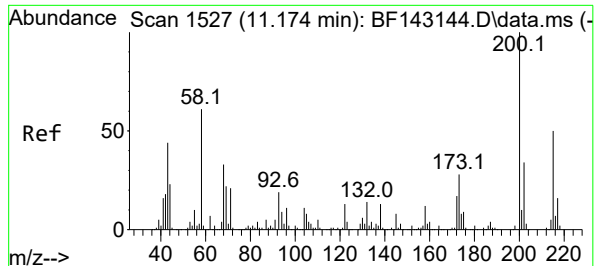


#68
Hexachlorobenzene
Concen: 5.395 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



Tgt Ion:284 Resp: 29052
Ion Ratio Lower Upper
284 100
142 36.1 27.0 40.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 4.733 ng

RT: 11.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 1986

Ion Ratio Lower Upper

200 100

173 28.5 7.9 47.9

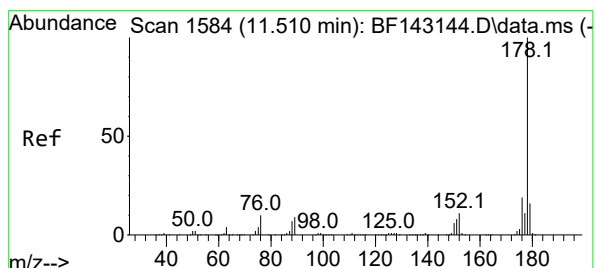
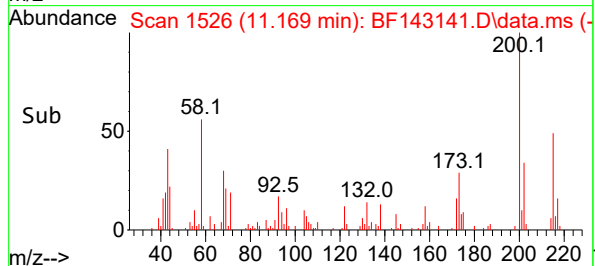
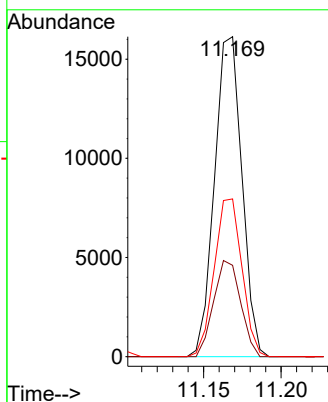
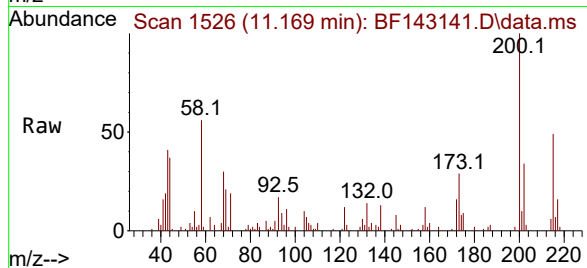
215 49.3 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#71

Phenanthrene

Concen: 5.609 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

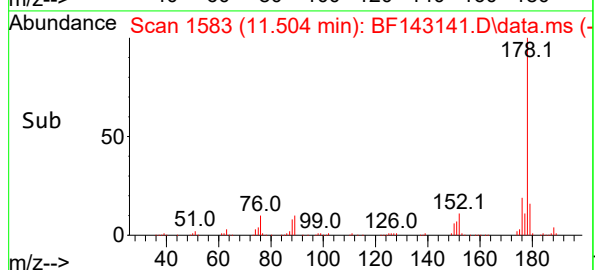
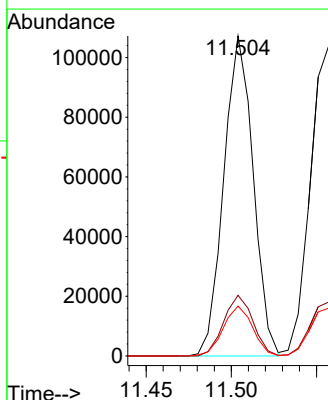
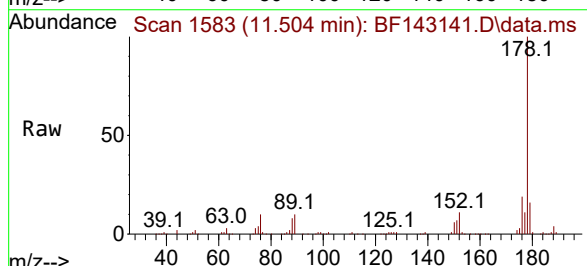
Tgt Ion:178 Resp: 128762

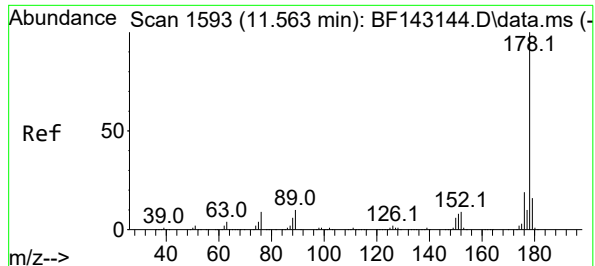
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.6 12.5 18.7





#72

Anthracene

Concen: 5.465 ng

RT: 11.557 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:178 Resp: 127938

Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.4

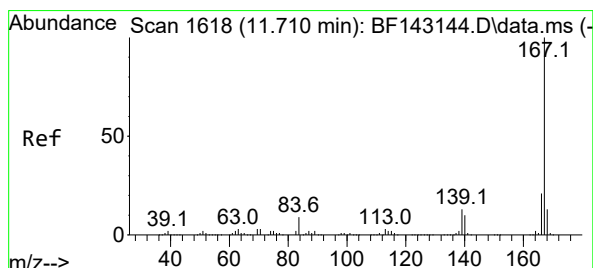
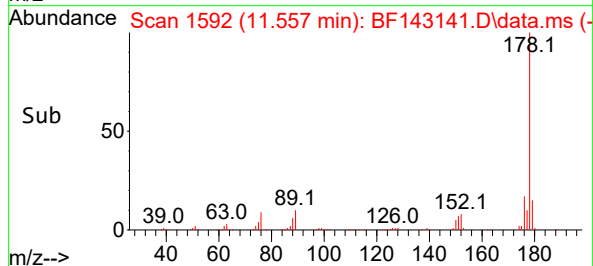
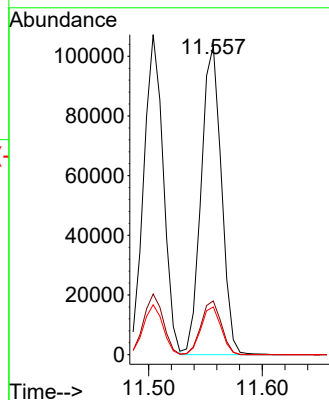
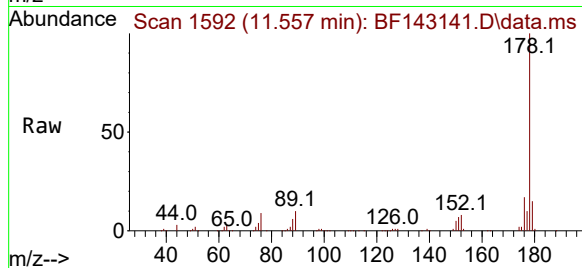
179 15.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#73

Carbazole

Concen: 5.507 ng

RT: 11.704 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

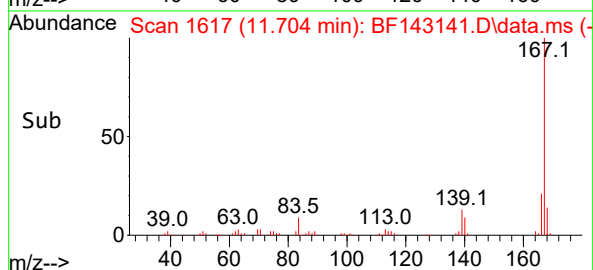
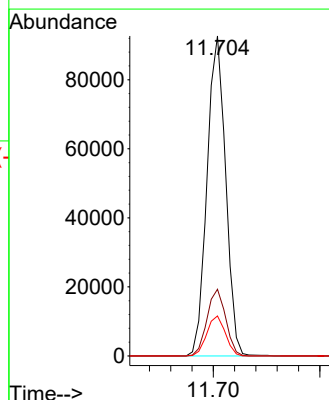
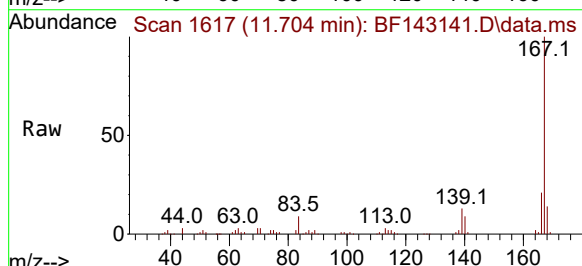
Tgt Ion:167 Resp: 112588

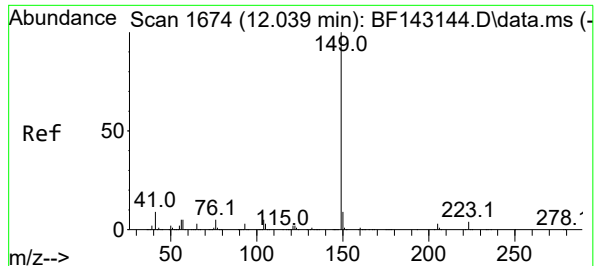
Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

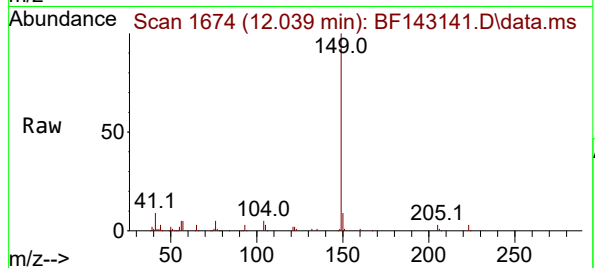
139 12.5 10.0 15.0





#74
Di-n-butylphthalate
Concen: 5.027 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

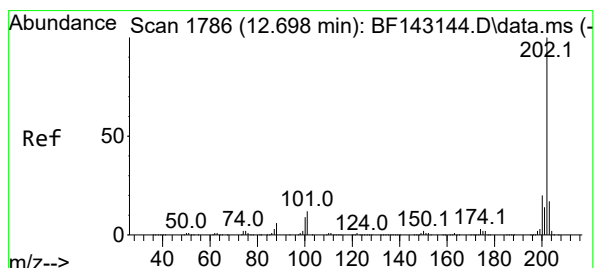
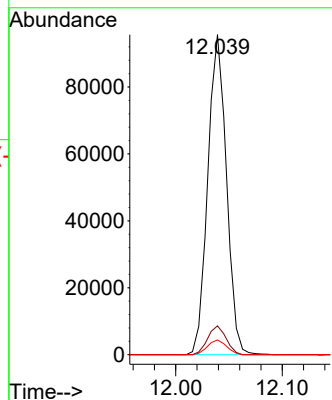
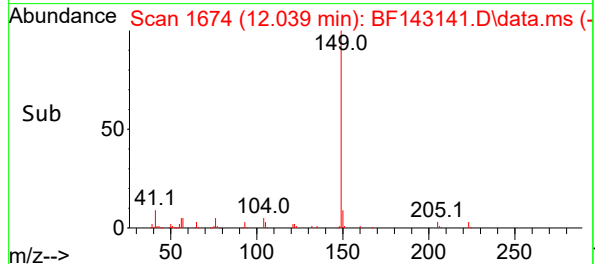
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



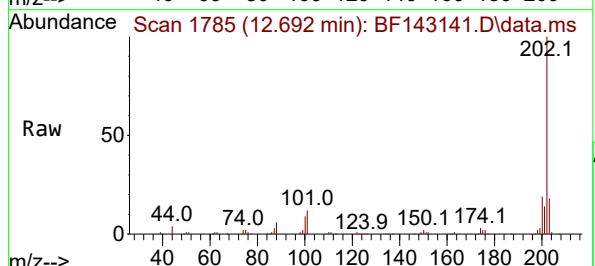
Tgt Ion:149 Resp: 11629
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.2
104 4.6 3.8 5.8

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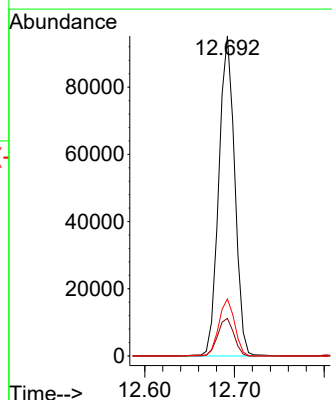
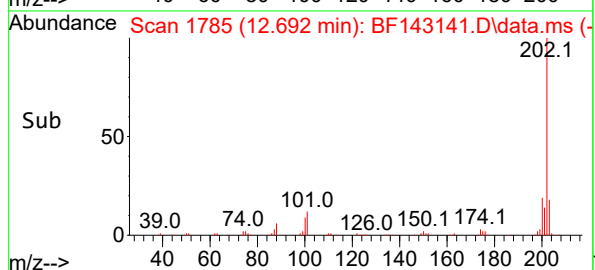
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

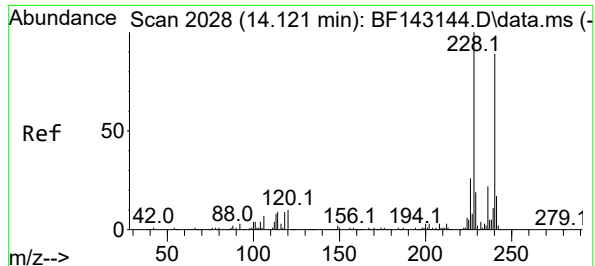


#75
Fluoranthene
Concen: 5.565 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



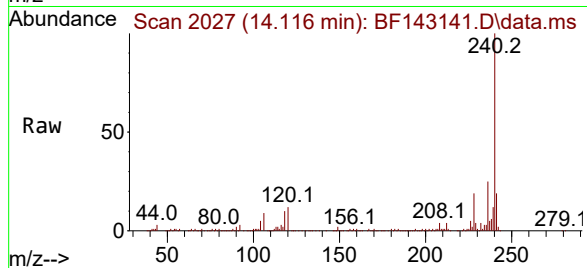
Tgt Ion:202 Resp: 117249
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.8 0.0 37.4





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

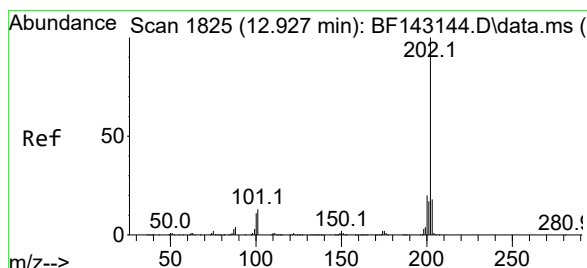
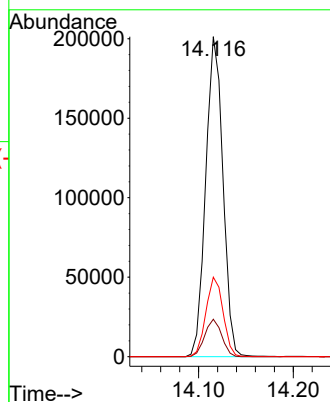
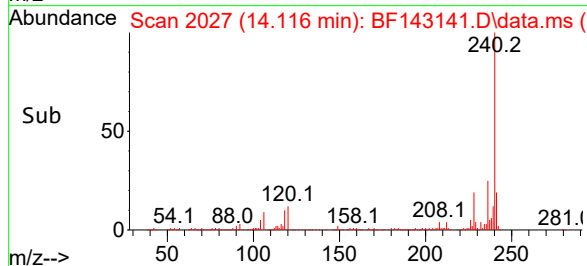
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:240 Resp: 253004
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 24.9 20.2 30.4

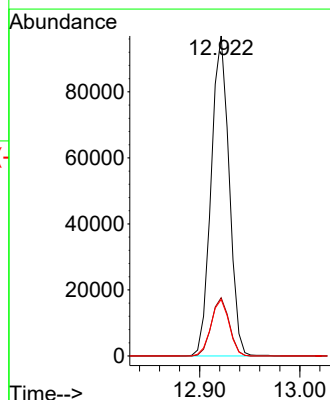
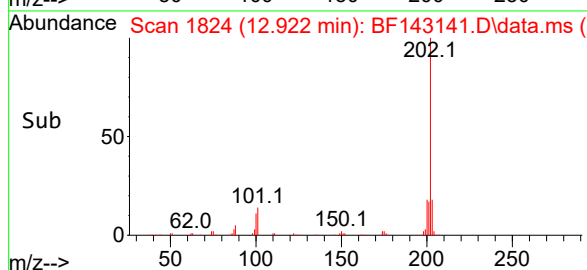
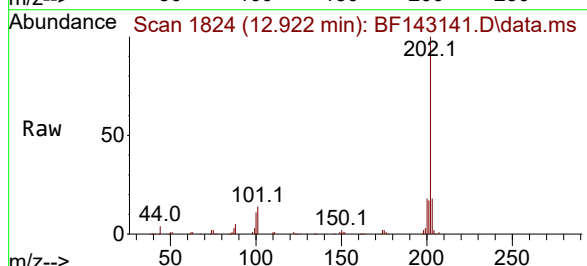
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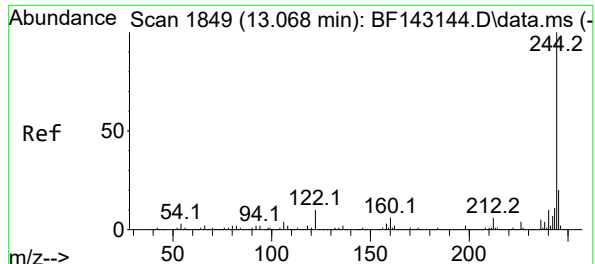
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 5.593 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:202 Resp: 120767
Ion Ratio Lower Upper
202 100
200 18.2 15.7 23.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 11.656 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 19816

Ion Ratio Lower Upper

244 100

212 6.2 5.2 7.8

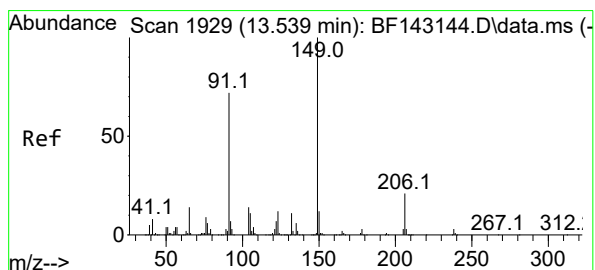
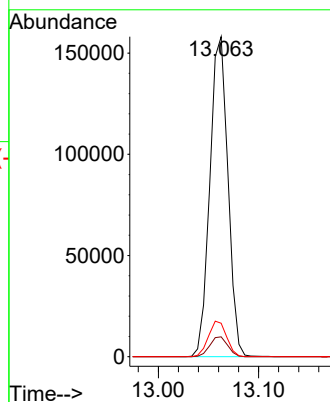
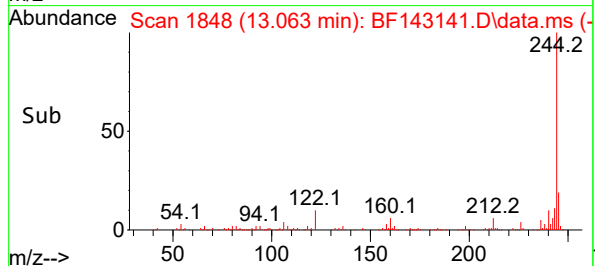
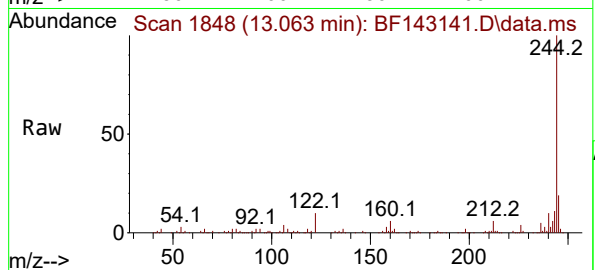
122 10.5 8.2 12.2

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 4.189 ng

RT: 13.533 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

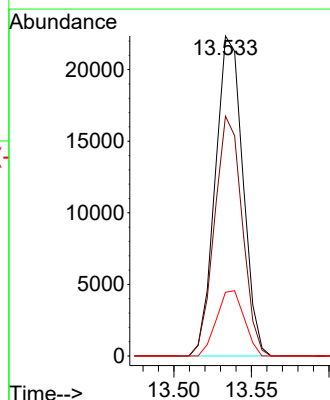
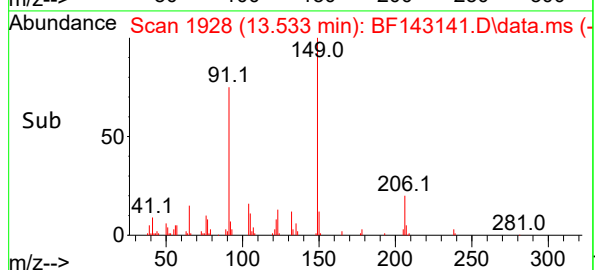
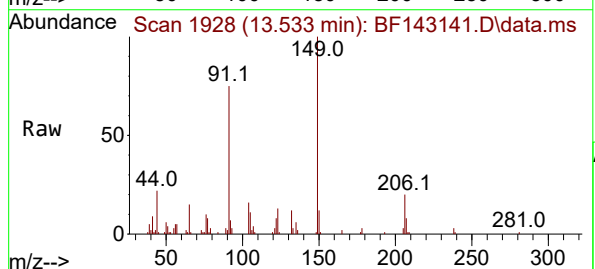
Tgt Ion:149 Resp: 27699

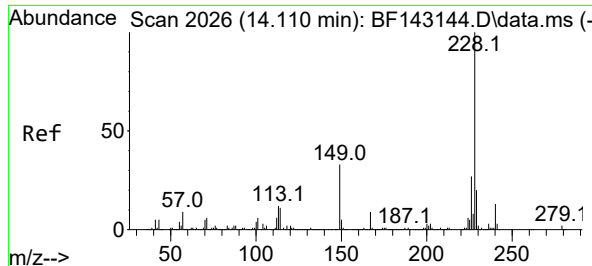
Ion Ratio Lower Upper

149 100

91 74.9 57.9 86.9

206 19.9 17.0 25.4





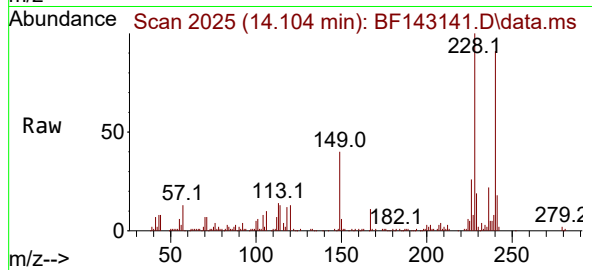
#81
Benzo(a)anthracene
Concen: 5.131 ng
RT: 14.104 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

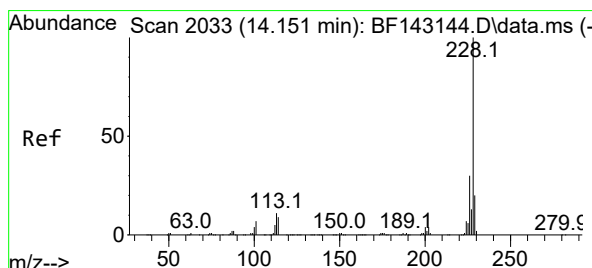
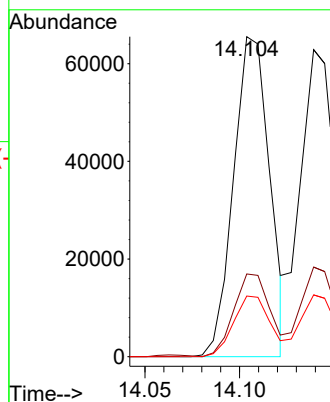
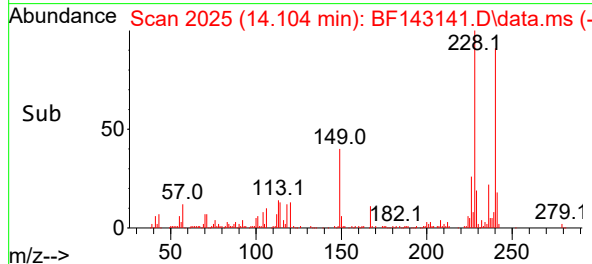


Tgt Ion:228 Resp: 86920
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 19.0 15.8 23.6

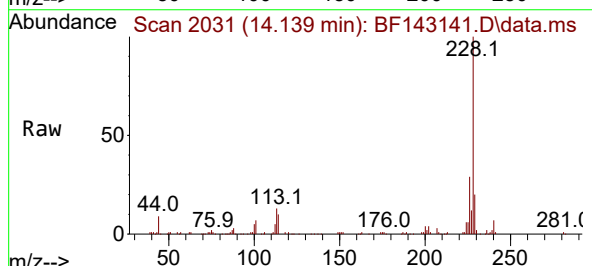
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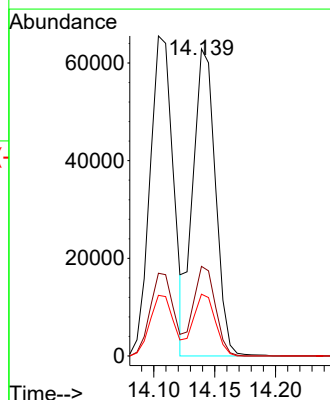
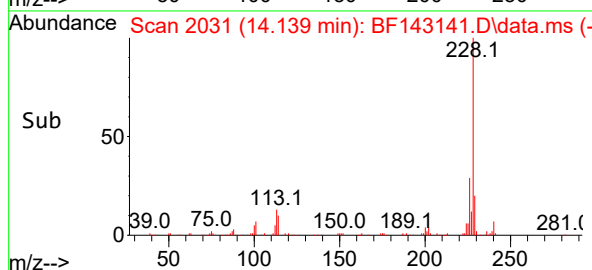
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

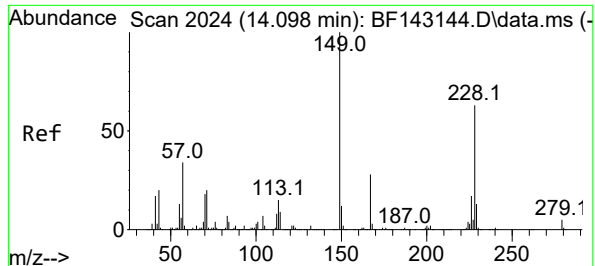


#83
Chrysene
Concen: 5.325 ng
RT: 14.139 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34



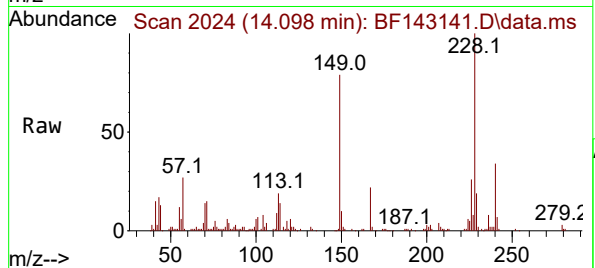
Tgt Ion:228 Resp: 81091
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 20.1 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.370 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

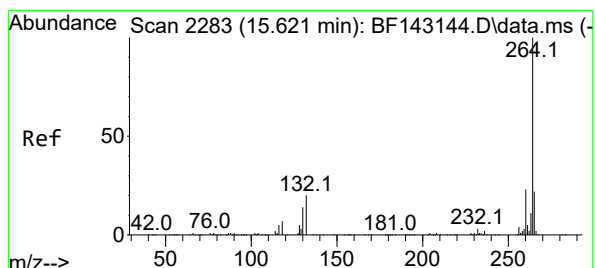
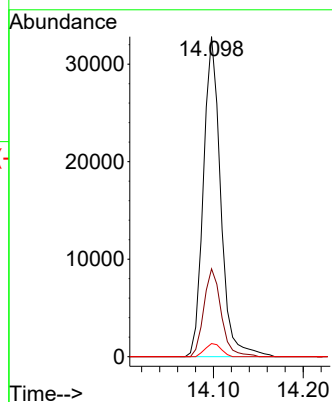
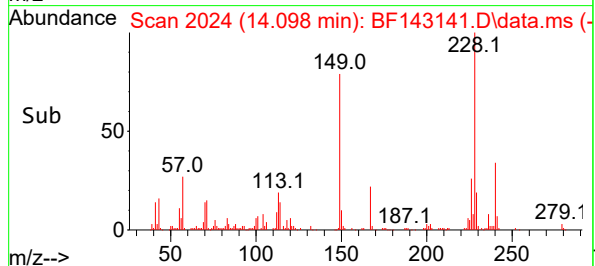
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 43732
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 4.1 3.6 5.4

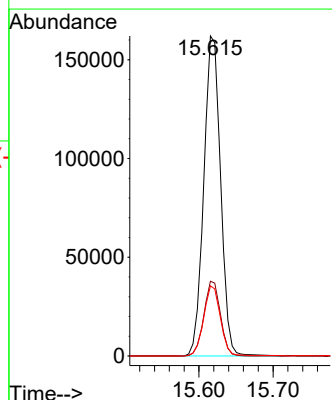
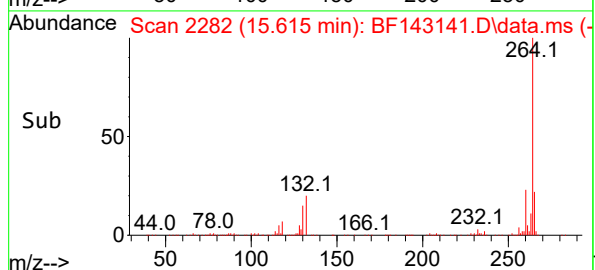
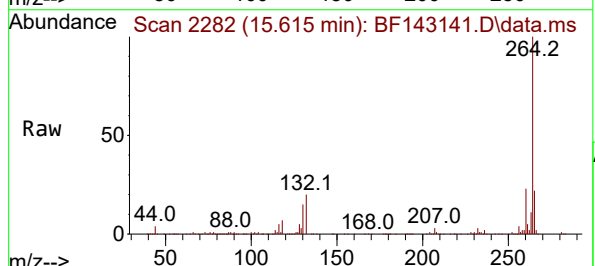
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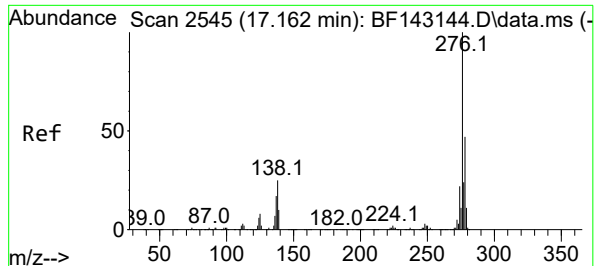
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:264 Resp: 255898
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.9 17.4 26.2





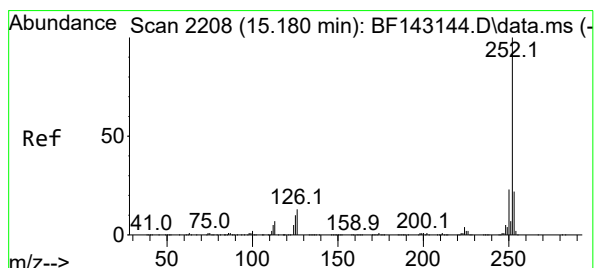
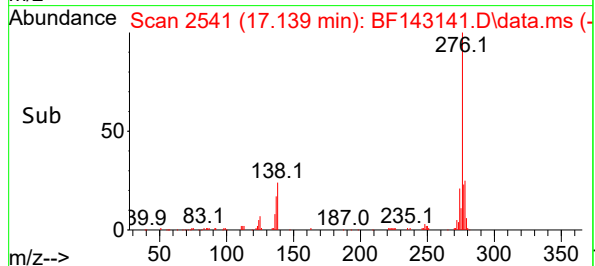
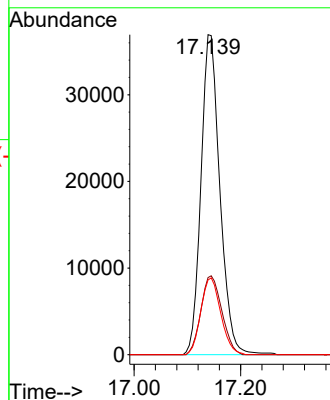
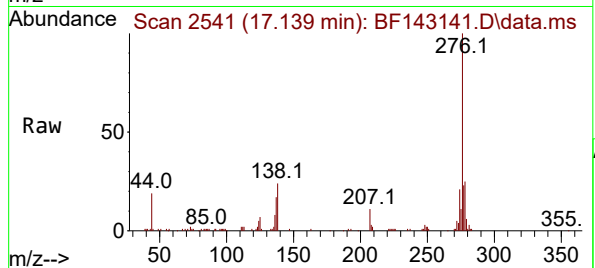
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.047 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 91070
Ion Ratio Lower Upper
276 100
138 27.2 21.8 32.6
277 25.2 20.0 30.0

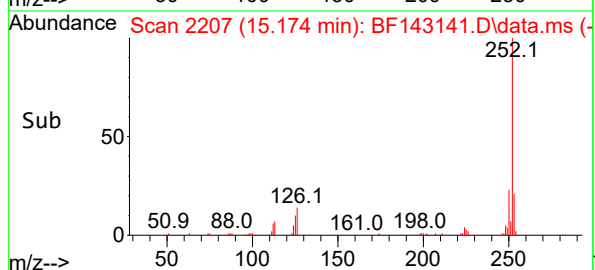
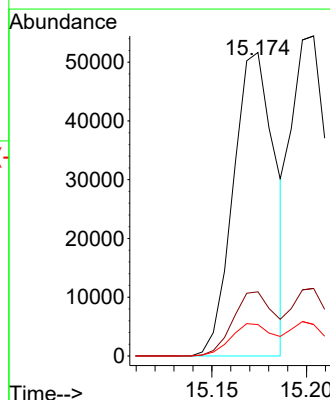
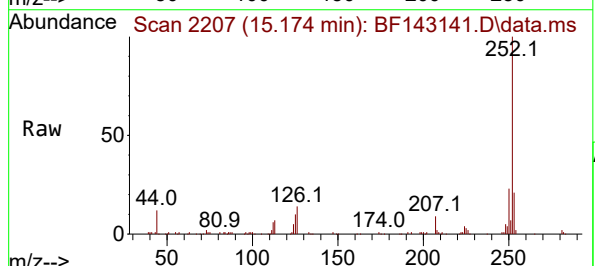
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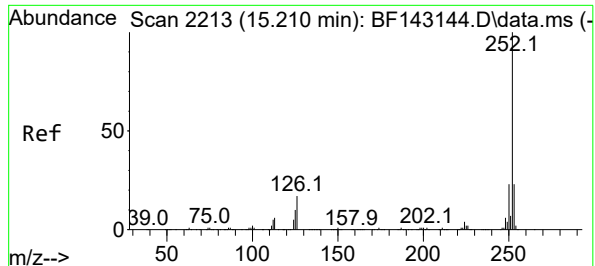
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 5.037 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion:252 Resp: 78749
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 5.358 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 74738

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.6

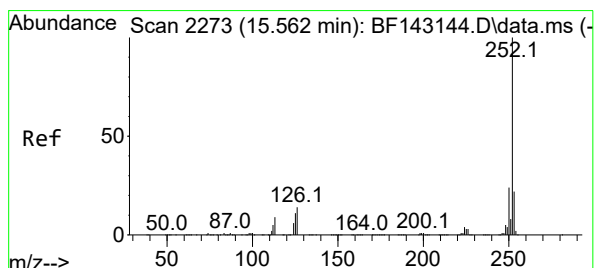
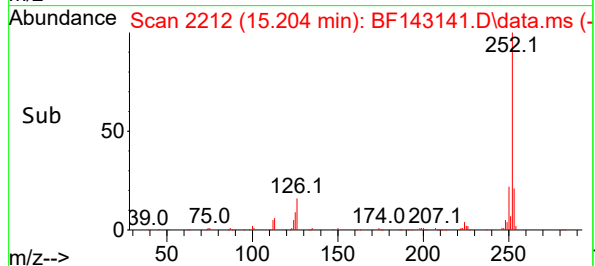
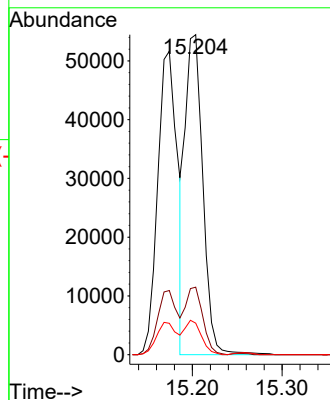
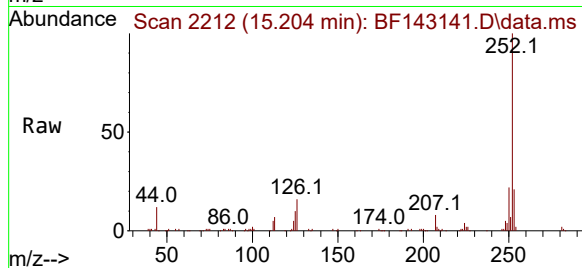
125 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 5.012 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF143141.D

Acq: 17 Jul 2025 11:34

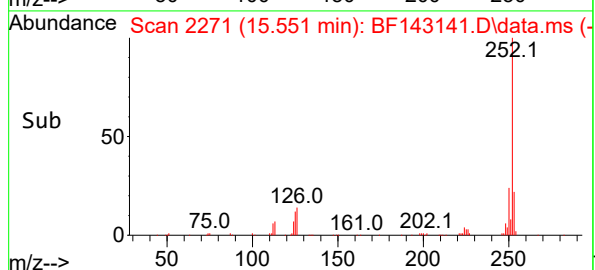
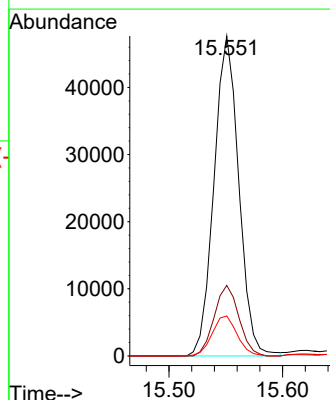
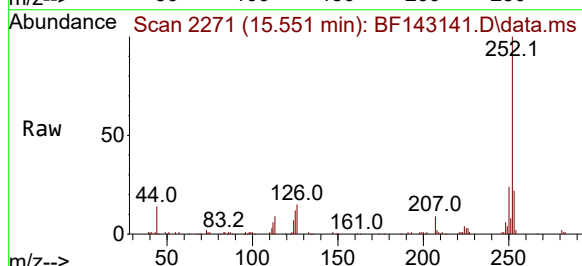
Tgt Ion:252 Resp: 72196

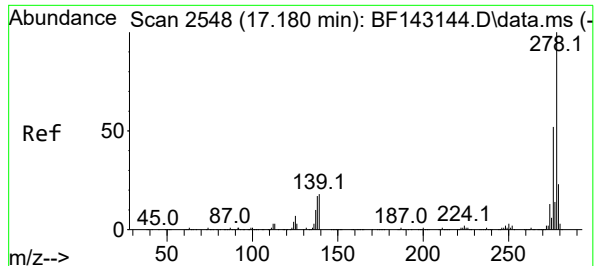
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 12.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 5.047 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

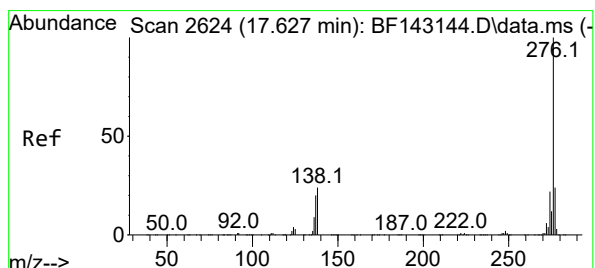
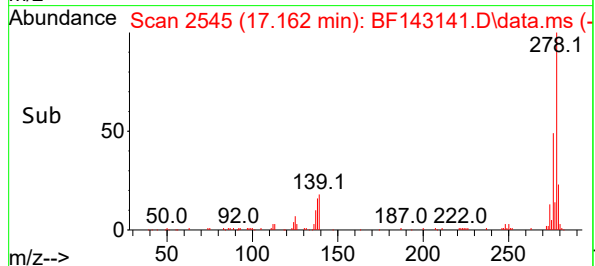
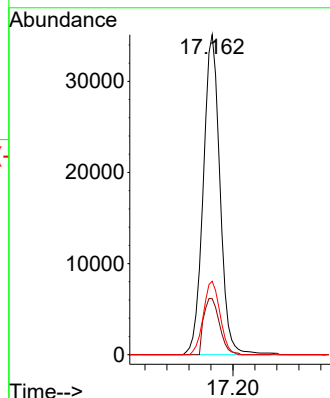
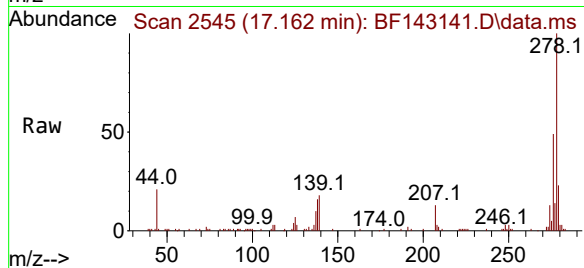
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.1	21.1
279	22.9	18.6	28.0

Manual Integrations

APPROVED

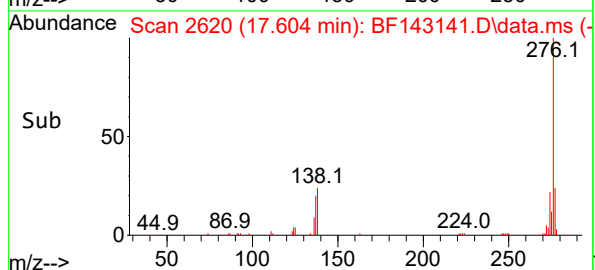
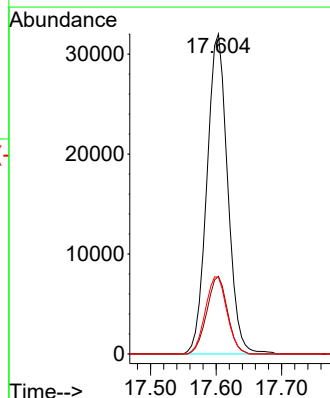
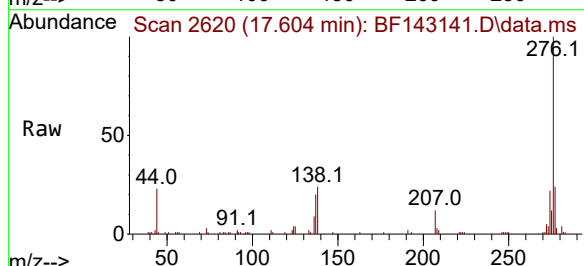
Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 4.955 ng
RT: 17.604 min Scan# 2620
Delta R.T. -0.023 min
Lab File: BF143141.D
Acq: 17 Jul 2025 11:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	24.0	18.9	28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143142.D
 Acq On : 17 Jul 2025 12:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	140410	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	545730	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	282580	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	461255	20.000	ng	0.00
76) Chrysene-d12	14.116	240	254650	20.000	ng	0.00
86) Perylene-d12	15.621	264	273706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	184363	20.778	ng	0.00
7) Phenol-d6	6.569	99	230206	20.613	ng	-0.02
23) Nitrobenzene-d5	7.510	82	215086m	19.646	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	56961	19.512	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	464669	22.489	ng	0.00
79) Terphenyl-d14	13.063	244	370808	21.669	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	40860	9.732	ng	98
3) Pyridine	3.587	79	109317	10.032	ng	100
4) n-Nitrosodimethylamine	3.510	42	54487	9.684	ng	98
6) Aniline	6.616	93	158580	10.188	ng	99
8) 2-Chlorophenol	6.740	128	94265	10.135	ng	98
9) Benzaldehyde	6.510	77	81897	9.779	ng	100
10) Phenol	6.587	94	124080m	10.198	ng	
11) bis(2-Chloroethyl)ether	6.687	93	94260	10.119	ng	99
12) 1,3-Dichlorobenzene	6.904	146	106226	10.514	ng	97
13) 1,4-Dichlorobenzene	6.981	146	106581	10.475	ng	99
14) 1,2-Dichlorobenzene	7.134	146	99226	10.253	ng	99
15) Benzyl Alcohol	7.087	79	85240	9.996	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	179226	10.371	ng	99
17) 2-Methylphenol	7.198	107	78001	9.974	ng	99
18) Hexachloroethane	7.481	117	34985	9.932	ng	99
19) n-Nitroso-di-n-propyla...	7.357	70	73815	10.302	ng	97
20) 3+4-Methylphenols	7.345	107	103018	10.858	ng	91
22) Acetophenone	7.357	105	137532	10.645	ng	# 98
24) Nitrobenzene	7.534	77	100837	9.879	ng	98
25) Isophorone	7.769	82	192895	9.981	ng	100
26) 2-Nitrophenol	7.851	139	38451	8.680	ng	96
27) 2,4-Dimethylphenol	7.881	122	92724	10.269	ng	98
28) bis(2-Chloroethoxy)met...	7.981	93	119320	10.297	ng	98
29) 2,4-Dichlorophenol	8.087	162	76847	10.091	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	83842	10.191	ng	100
31) Naphthalene	8.263	128	283107	10.534	ng	99
32) Benzoic acid	7.928	122	28431m	10.113	ng	
33) 4-Chloroaniline	8.304	127	113797	10.369	ng	100
34) Hexachlorobutadiene	8.386	225	51715	10.290	ng	99
35) Caprolactam	8.634	113	21157	9.194	ng	95
36) 4-Chloro-3-methylphenol	8.775	107	84647	10.227	ng	98
37) 2-Methylnaphthalene	8.951	142	172865	10.570	ng	100
38) 1-Methylnaphthalene	9.051	142	177917	10.564	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	84494	10.357	ng	99
41) Hexachlorocyclopentadiene	9.116	237	47577	8.963	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	57396	10.165	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143142.D
 Acq On : 17 Jul 2025 12:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:01:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	54716	9.688	ng	97
46) 1,1'-Biphenyl	9.416	154	235467	10.680	ng	100
47) 2-Chloronaphthalene	9.439	162	172831	10.595	ng	98
48) 2-Nitroaniline	9.528	65	47055	9.198	ng	99
49) Acenaphthylene	9.857	152	289989	10.607	ng	98
50) Dimethylphthalate	9.704	163	189399	10.283	ng	99
51) 2,6-Dinitrotoluene	9.763	165	35364	9.438	ng	93
52) Acenaphthene	10.028	154	168698	10.440	ng	99
53) 3-Nitroaniline	9.933	138	42367	9.667	ng	97
54) 2,4-Dinitrophenol	10.033	184	7147	10.522	ng #	1
55) Dibenzofuran	10.198	168	255272	10.641	ng	99
56) 4-Nitrophenol	10.075	139	28233	8.627	ng	98
57) 2,4-Dinitrotoluene	10.169	165	41815	8.895	ng	98
58) Fluorene	10.545	166	198041	10.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	46720	9.986	ng	99
60) Diethylphthalate	10.410	149	186802	10.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	94685	10.561	ng	97
62) 4-Nitroaniline	10.539	138	35962	9.574	ng	98
63) Azobenzene	10.692	77	197998	10.435	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	12541	10.014	ng	94
66) n-Nitrosodiphenylamine	10.645	169	167901	10.337	ng	100
67) 4-Bromophenyl-phenylether	11.022	248	54849	9.978	ng	97
68) Hexachlorobenzene	11.092	284	57305	9.974	ng	97
69) Atrazine	11.169	200	43045	9.613	ng	98
70) Pentachlorophenol	11.280	266	27529	8.148	ng	99
71) Phenanthrene	11.504	178	253750	10.361	ng	99
72) Anthracene	11.557	178	261960	10.487	ng	99
73) Carbazole	11.704	167	223376	10.241	ng	100
74) Di-n-butylphthalate	12.039	149	243142	9.852	ng	100
75) Fluoranthene	12.692	202	227701	10.129	ng	99
77) Benzidine	12.804	184	96484	9.834	ng	99
78) Pyrene	12.922	202	227008	10.445	ng	100
80) Butylbenzylphthalate	13.539	149	60055	9.024	ng	98
81) Benzo(a)anthracene	14.110	228	174020	10.207	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	55694	9.802	ng	97
83) Chrysene	14.145	228	149446	9.750	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	96191	9.549	ng	97
85) Di-n-octyl phthalate	14.710	149	162156	8.881	ng	99
87) Indeno(1,2,3-cd)pyrene	17.145	276	182869	9.475	ng	99
88) Benzo(b)fluoranthene	15.174	252	155430	9.296	ng	99
89) Benzo(k)fluoranthene	15.204	252	157663	10.567	ng	100
90) Benzo(a)pyrene	15.551	252	150853	9.792	ng	99
91) Dibenzo(a,h)anthracene	17.162	278	150977	9.611	ng	100
92) Benzo(g,h,i)perylene	17.609	276	143342	9.433	ng	99

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

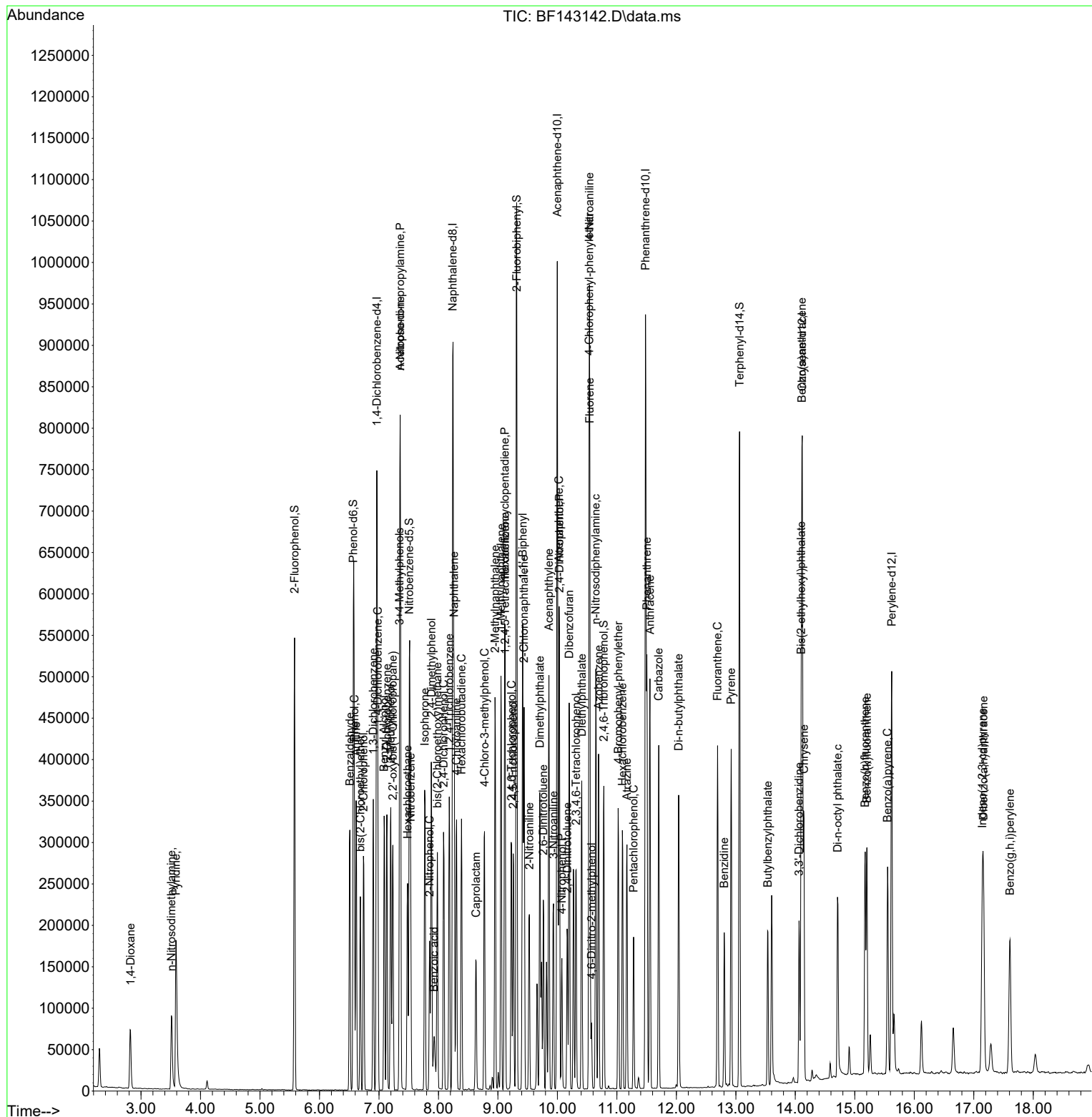
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 Data File : BF143142.D
 Acq On : 17 Jul 2025 12:04
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

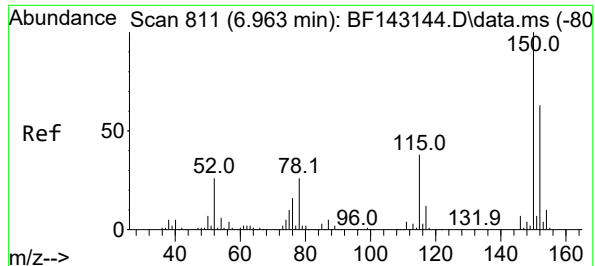
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

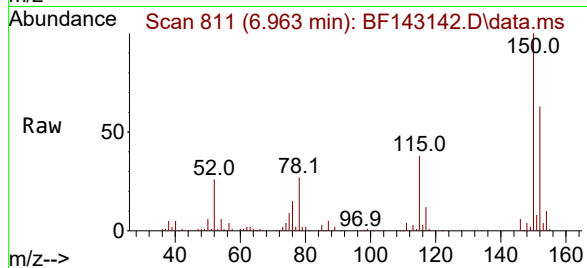
Quant Time: Jul 17 15:01:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

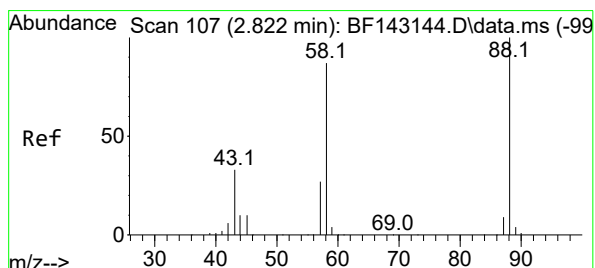
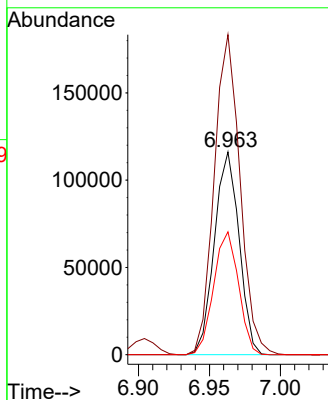
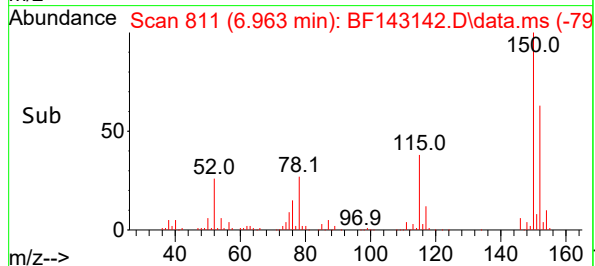
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 140410
Ion Ratio Lower Upper
152 100
150 157.8 128.2 192.4
115 60.6 47.9 71.9

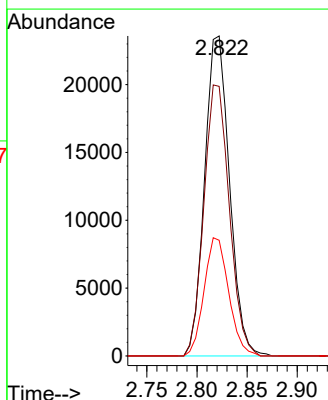
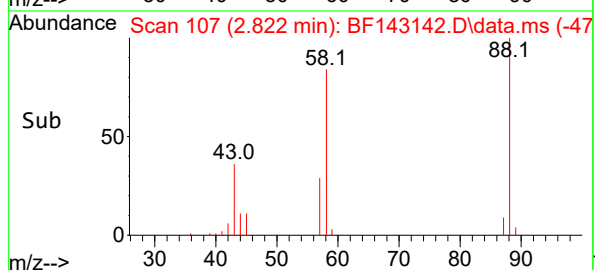
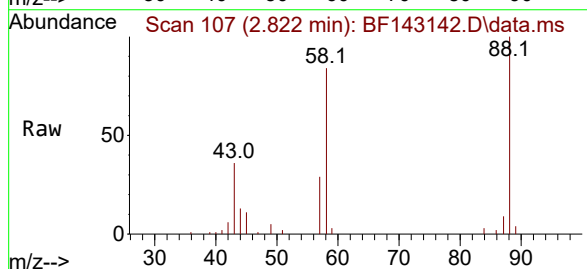
Manual Integrations
APPROVED

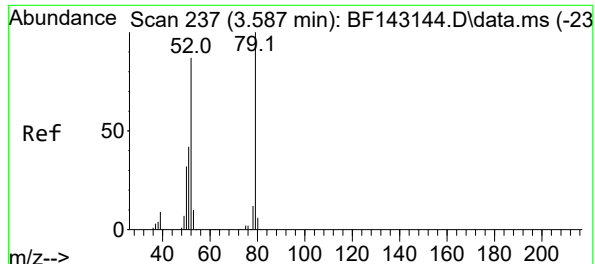
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 9.732 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 88 Resp: 40860
Ion Ratio Lower Upper
88 100
58 86.6 70.2 105.2
43 36.5 27.1 40.7





#3

Pyridine

Concen: 10.032 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 10931

Ion Ratio Lower Upper

79 100

52 86.3 69.4 104.2

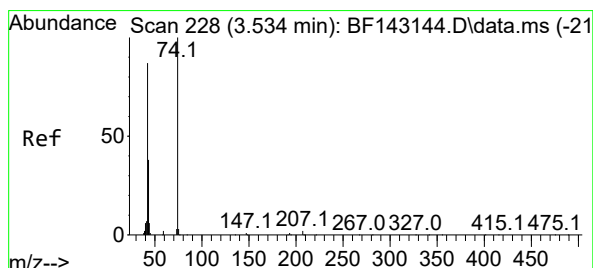
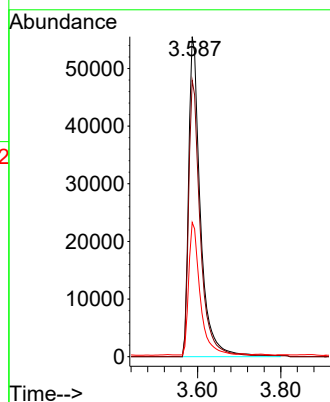
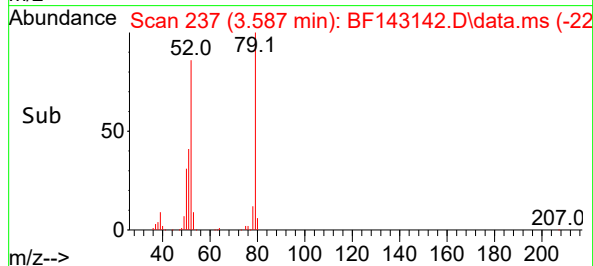
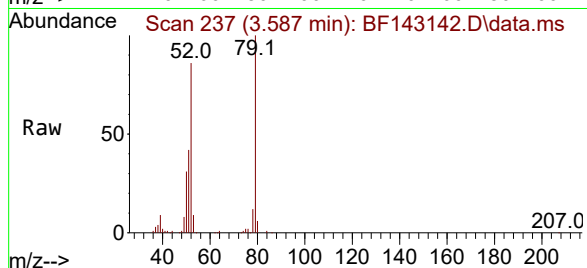
51 42.0 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 9.684 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.023 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

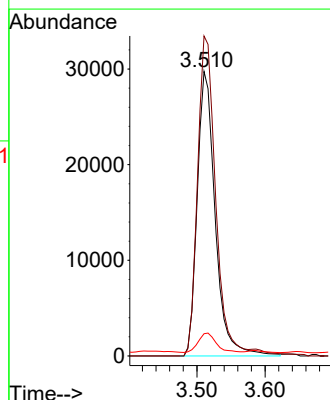
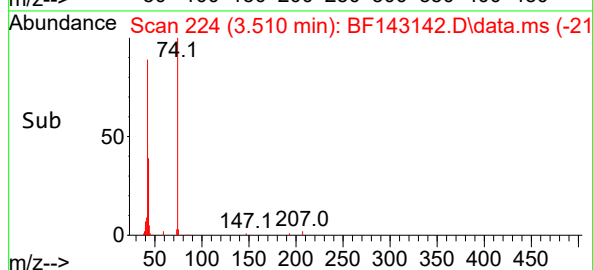
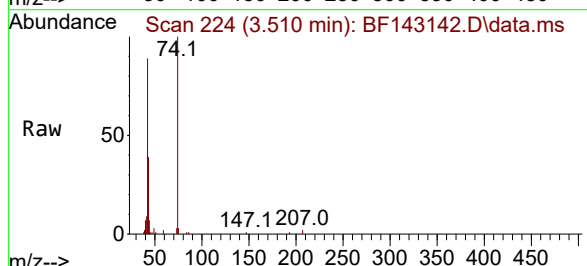
Tgt Ion: 42 Resp: 54487

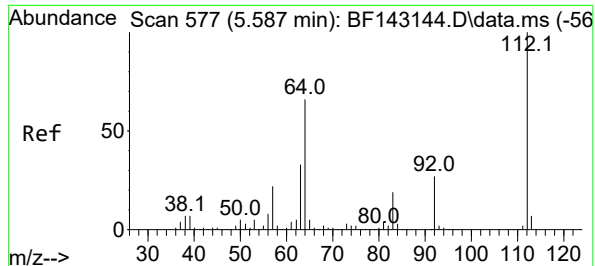
Ion Ratio Lower Upper

42 100

74 112.5 91.7 137.5

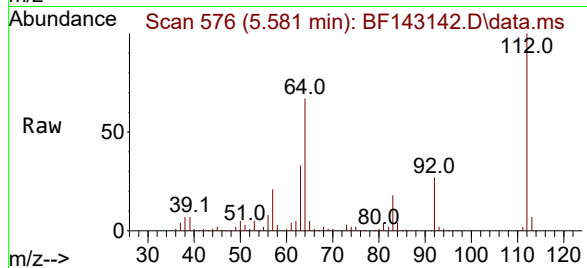
44 7.8 5.6 8.4





#5
2-Fluorophenol
Concen: 20.778 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

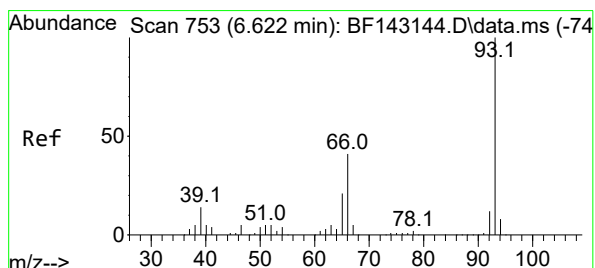
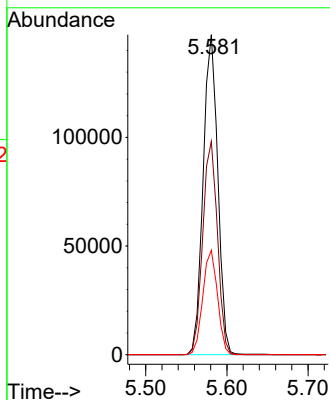
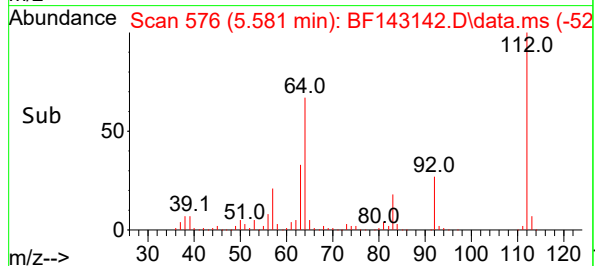
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:112 Resp: 18436
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 32.6 26.6 40.0

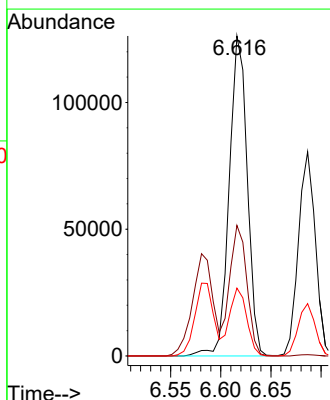
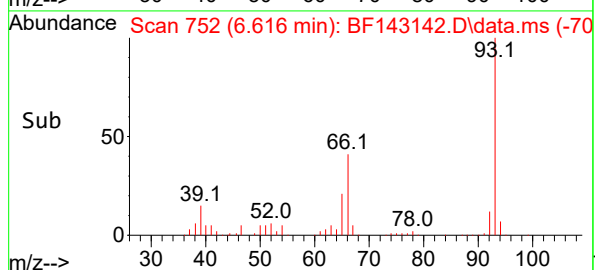
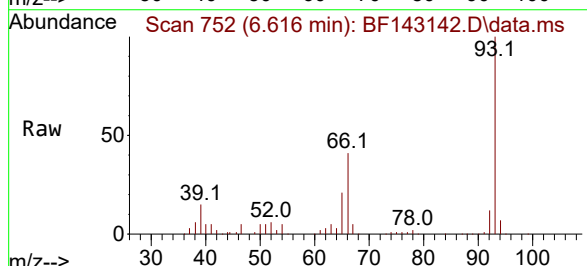
Manual Integrations
APPROVED

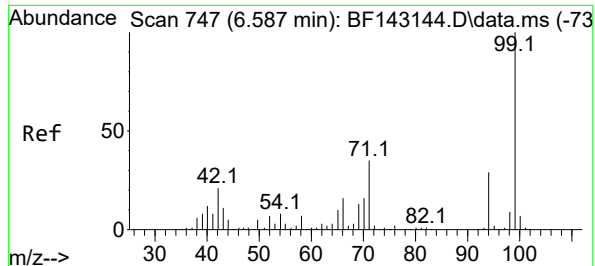
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 10.188 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion: 93 Resp: 158580
Ion Ratio Lower Upper
93 100
66 40.8 33.2 49.8
65 21.2 16.9 25.3





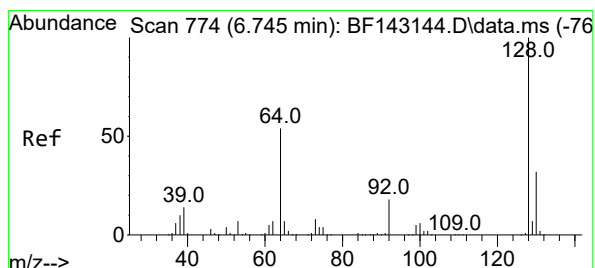
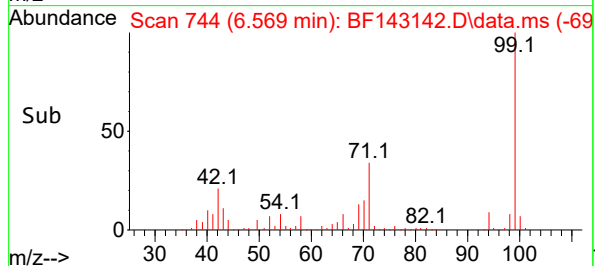
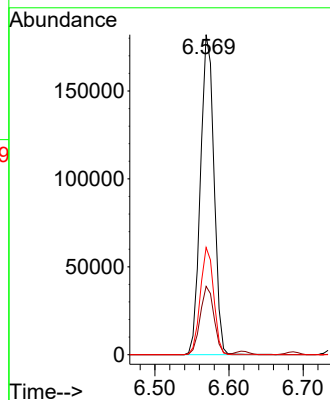
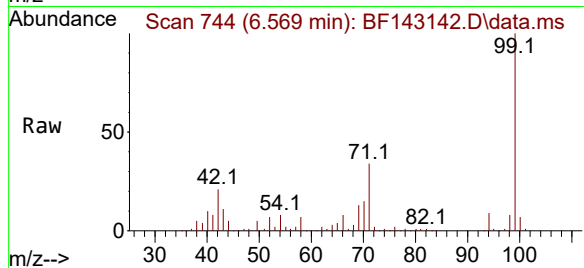
#7
Phenol-d6
Concen: 20.613 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 230200
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 33.5 27.7 41.5

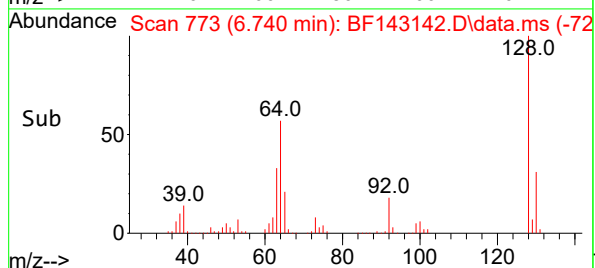
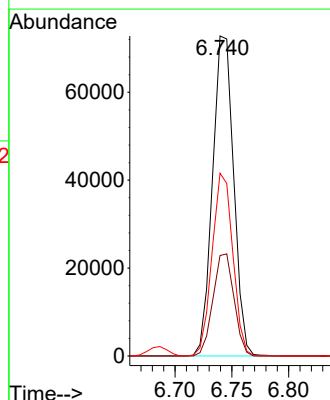
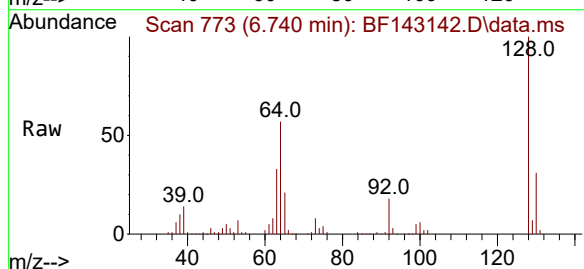
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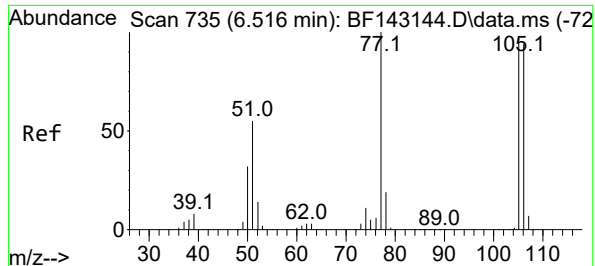
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 10.135 ng
RT: 6.740 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:128 Resp: 94265
Ion Ratio Lower Upper
128 100
130 31.4 12.3 52.3
64 57.1 35.9 75.9





#9

Benzaldehyde

Concen: 9.779 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 77 Resp: 8189

Ion Ratio Lower Upper

77 100

105 96.9 76.8 116.8

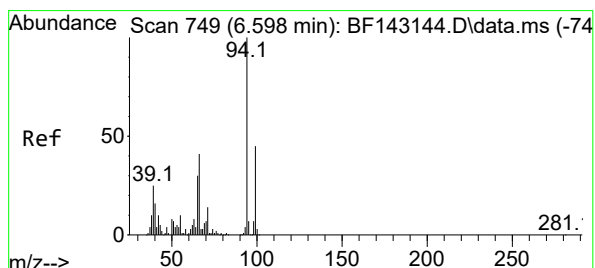
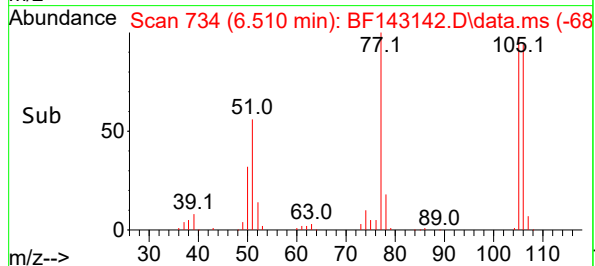
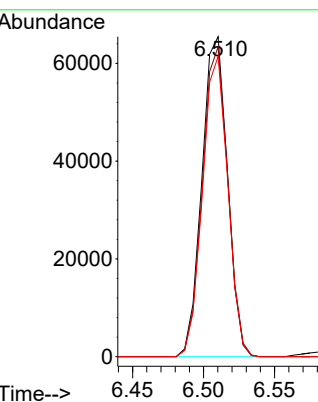
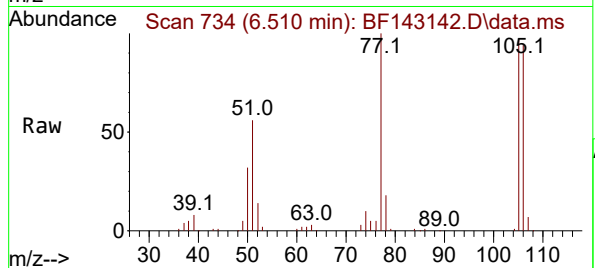
106 93.9 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 10.198 ng m

RT: 6.587 min Scan# 747

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

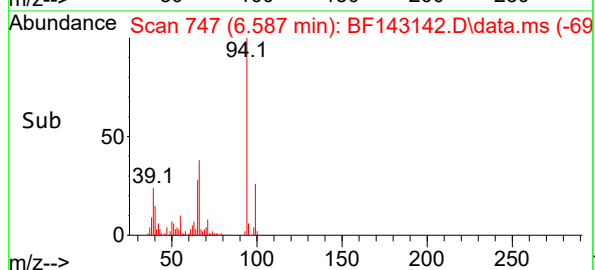
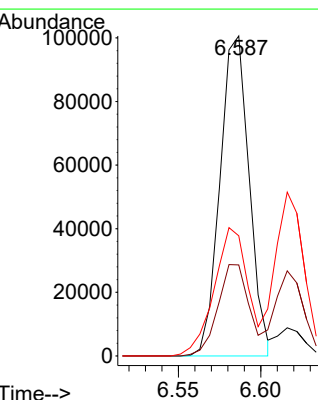
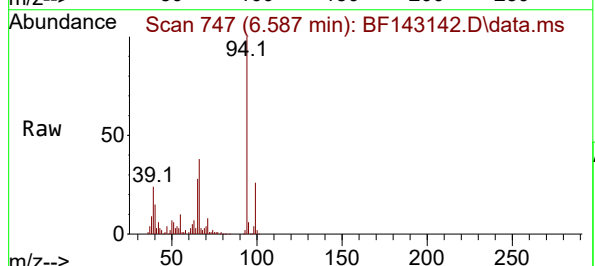
Tgt Ion: 94 Resp: 124080

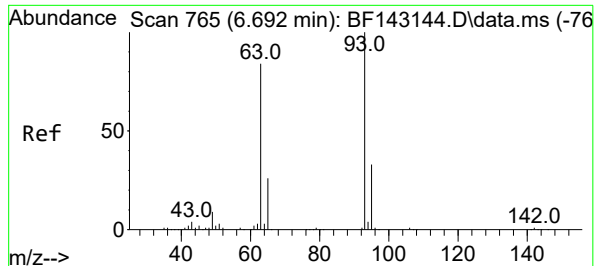
Ion Ratio Lower Upper

94 100

65 28.4 10.0 50.0

66 37.5 20.8 60.8





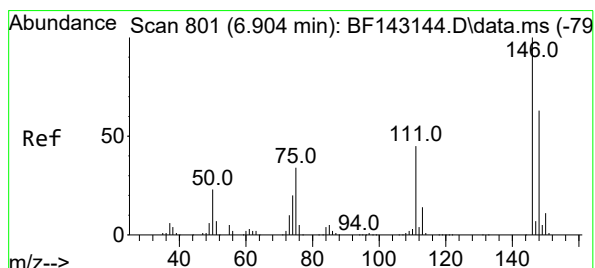
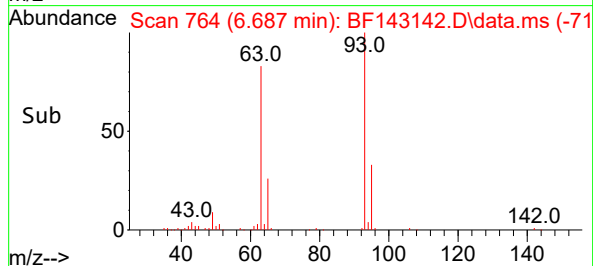
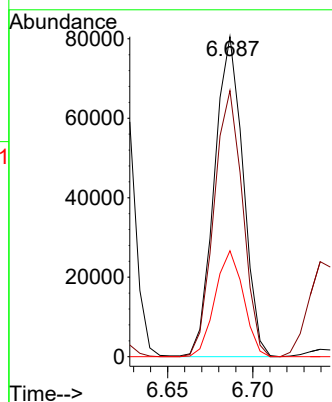
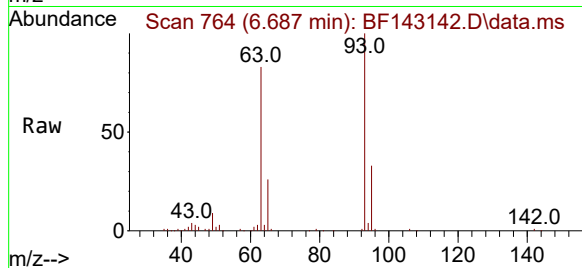
#11
bis(2-Chloroethyl)ether
Concen: 10.119 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 94260
Ion Ratio Lower Upper
93 100
63 83.2 63.4 103.4
95 33.1 12.4 52.4

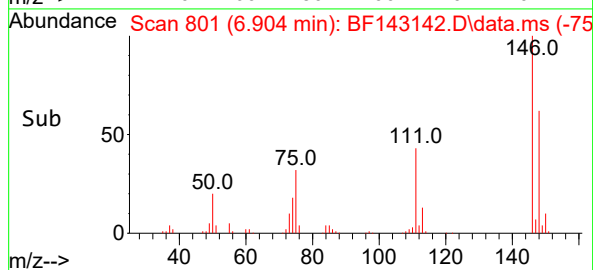
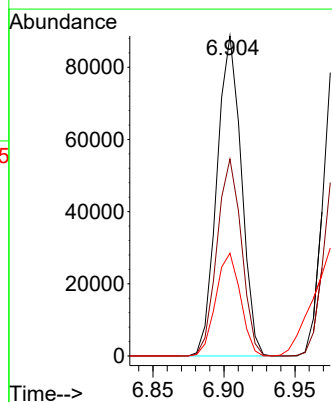
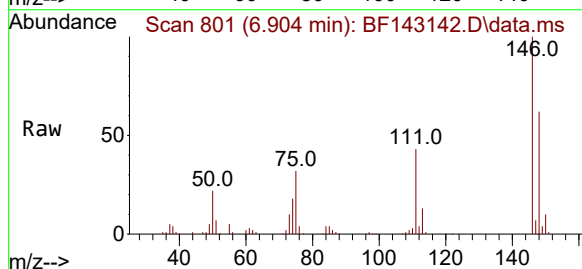
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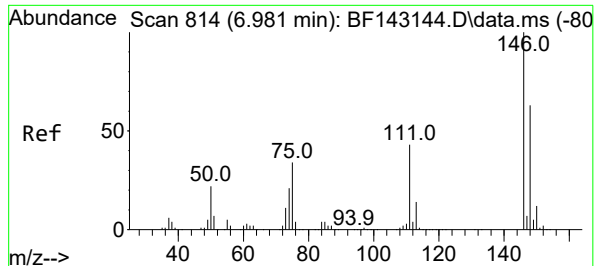
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 10.514 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:146 Resp: 106226
Ion Ratio Lower Upper
146 100
148 61.6 50.6 76.0
75 32.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 10.475 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 10658

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

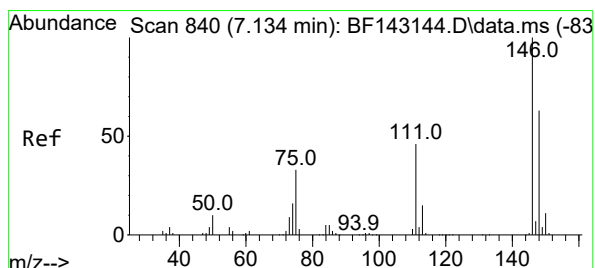
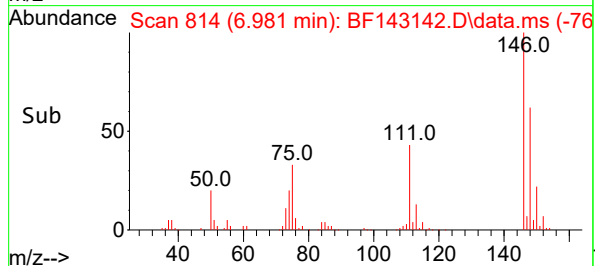
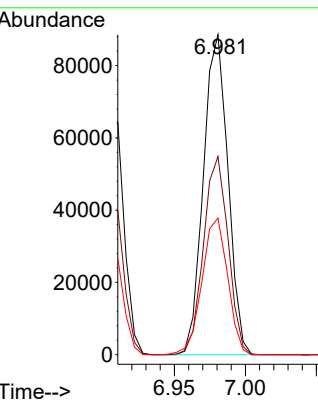
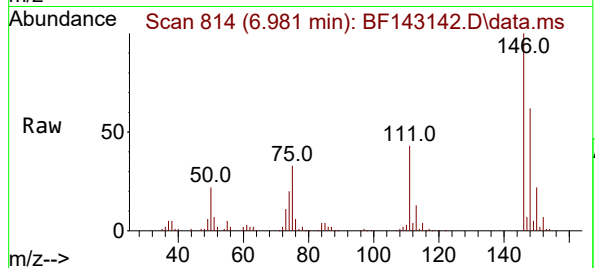
111 42.7 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 10.253 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

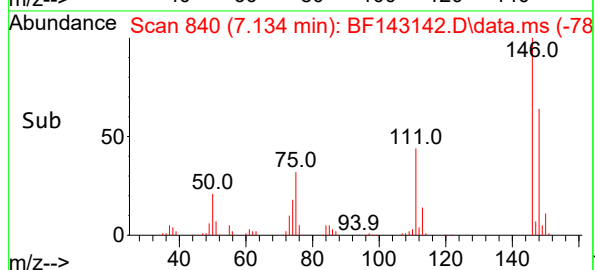
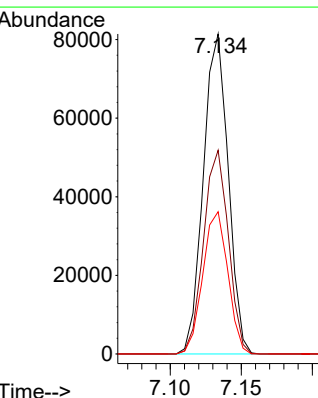
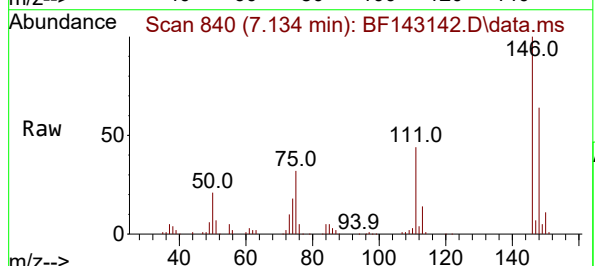
Tgt Ion:146 Resp: 99226

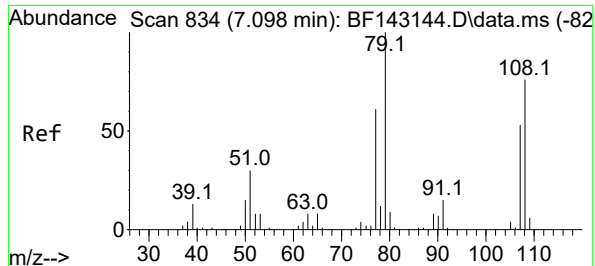
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 44.5 36.6 54.8





#15

Benzyl Alcohol

Concen: 9.996 ng

RT: 7.087 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 85240

Ion Ratio Lower Upper

79 100

108 74.6 61.1 91.7

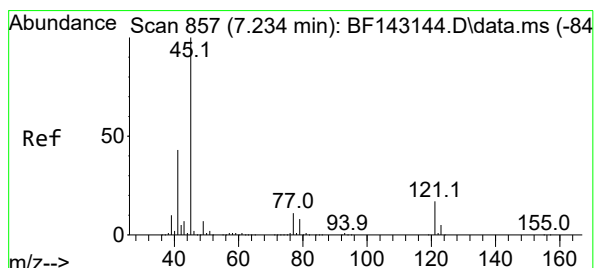
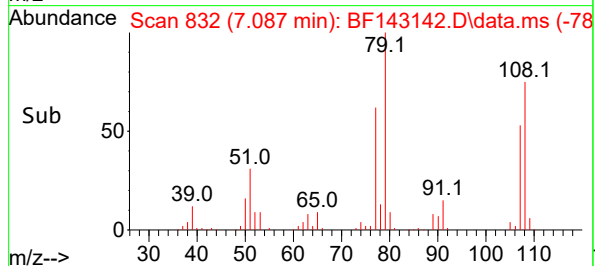
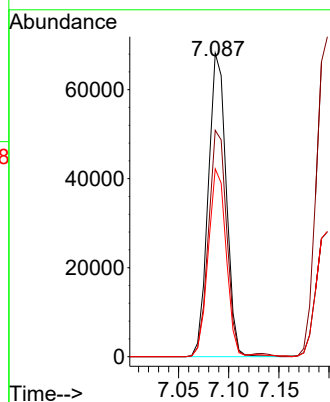
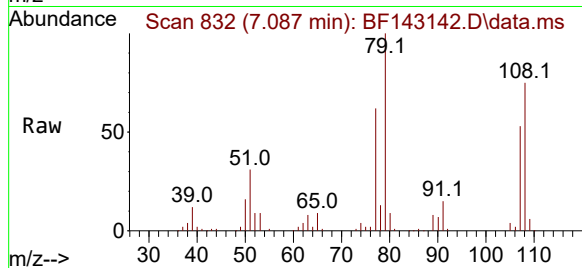
77 61.9 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.371 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

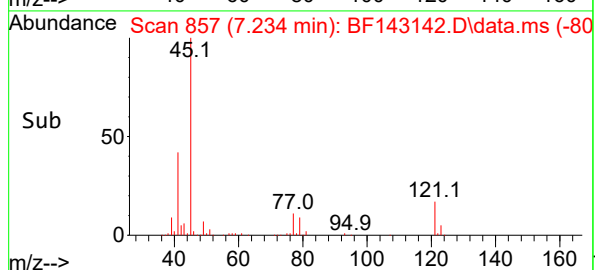
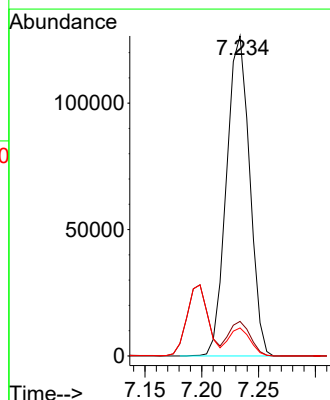
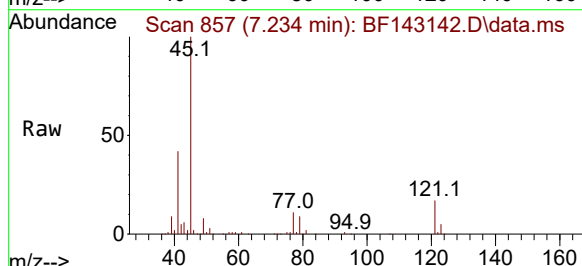
Tgt Ion: 45 Resp: 179226

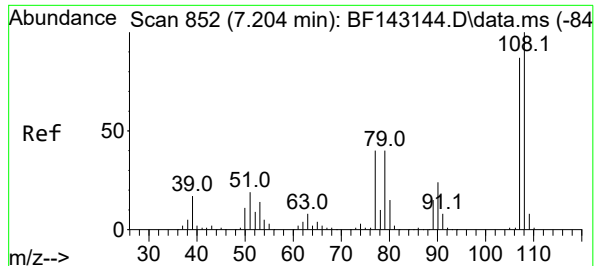
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.2

79 8.7 0.0 28.5





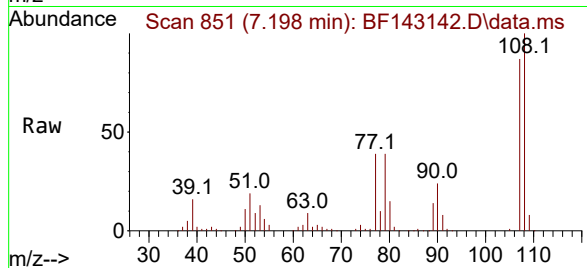
#17
2-Methylphenol
Concen: 9.974 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC010



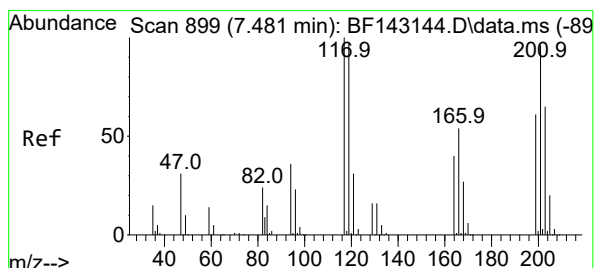
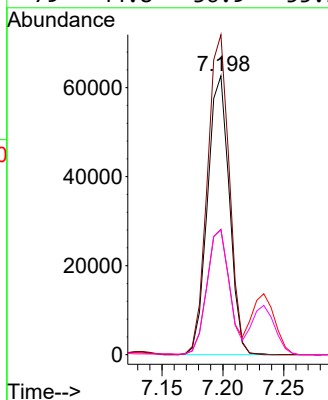
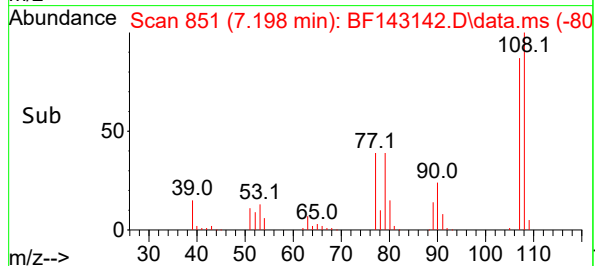
Tgt Ion:107 Resp: 7800
Ion Ratio Lower Upper
107 100
108 114.8 91.8 137.6
77 45.0 37.0 55.6
79 44.8 36.9 55.3

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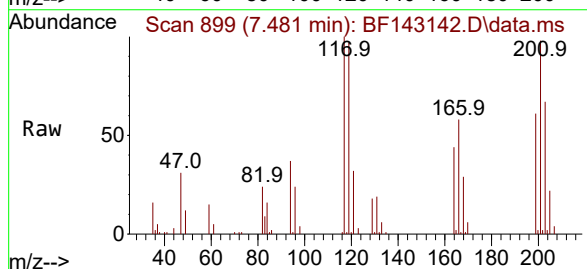
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

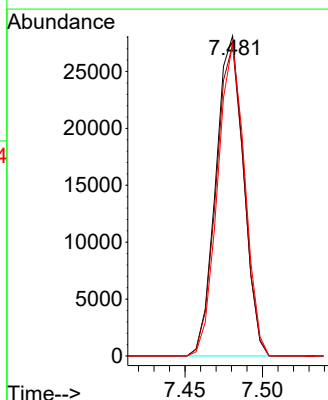
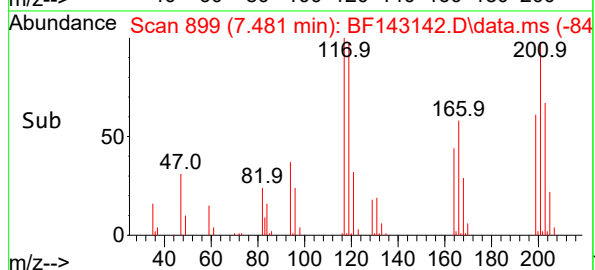
Supervised By :Jagrut Upadhyay 07/18/2025

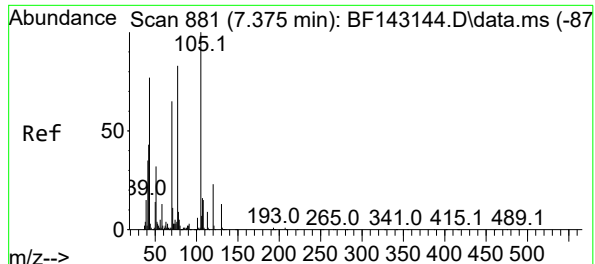


#18
Hexachloroethane
Concen: 9.932 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:117 Resp: 34985
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.8
201 97.7 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.302 ng

RT: 7.357 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 7381

Ion Ratio Lower Upper

70 100

42 69.4 52.5 78.7

101 9.6 7.6 11.4

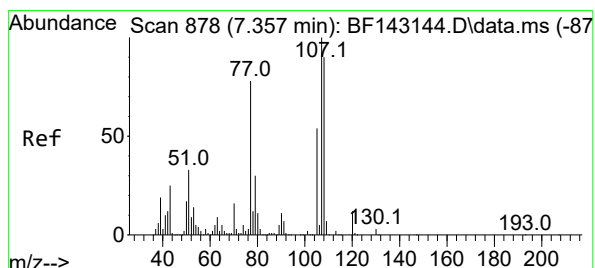
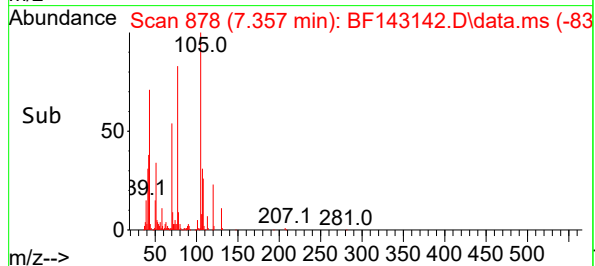
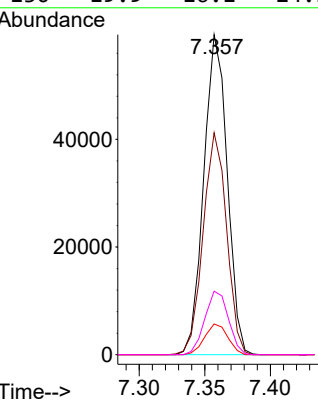
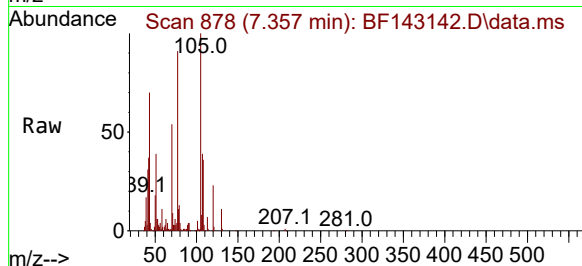
130 19.9 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 10.858 ng

RT: 7.345 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Tgt Ion:107 Resp: 103018

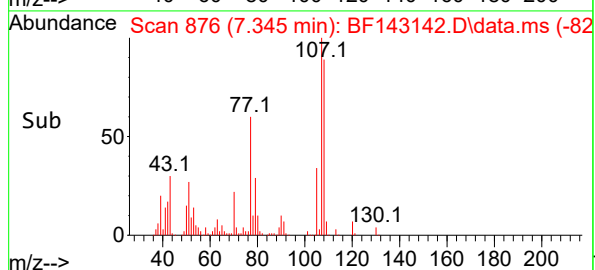
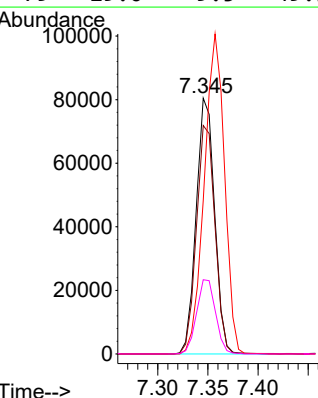
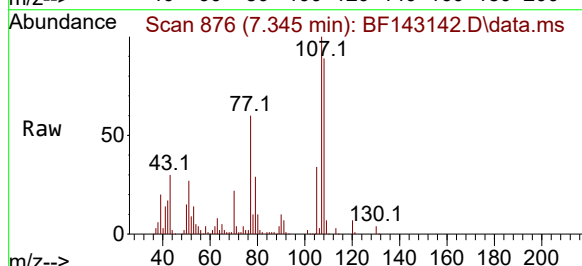
Ion Ratio Lower Upper

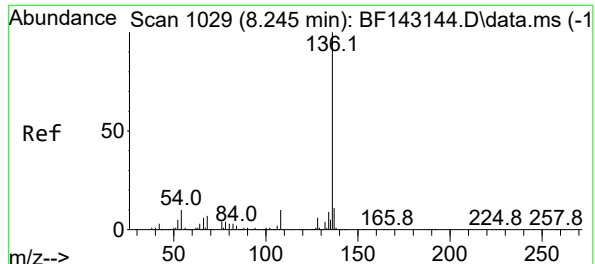
107 100

108 89.3 70.0 110.0

77 60.0 57.8 97.8

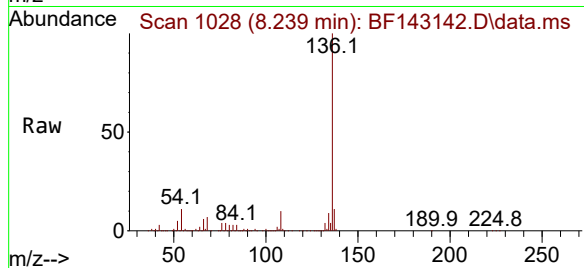
79 29.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

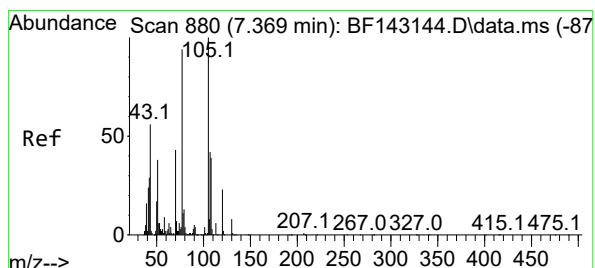
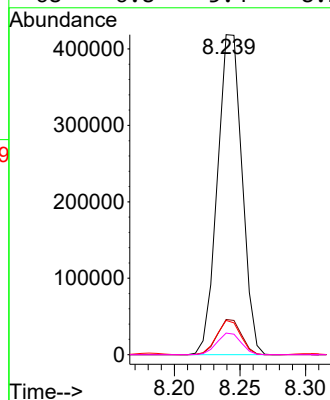
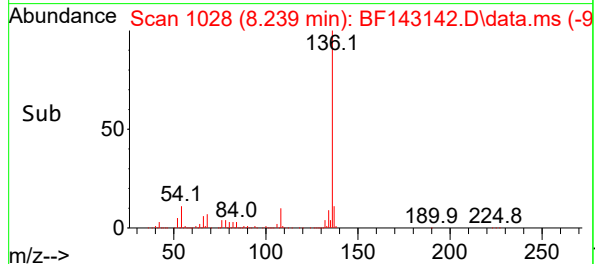
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 545730
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.7 8.2 12.2
68 6.8 5.4 8.2

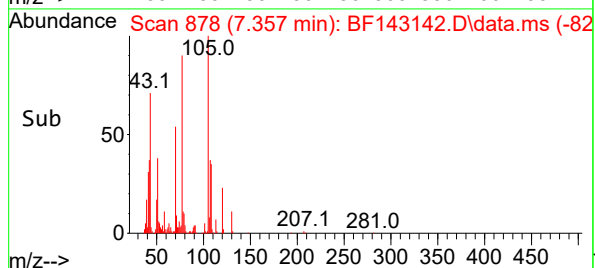
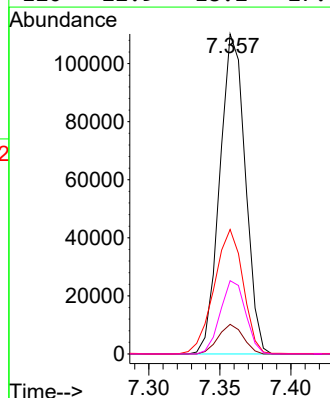
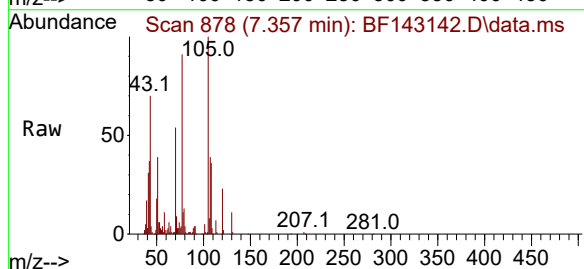
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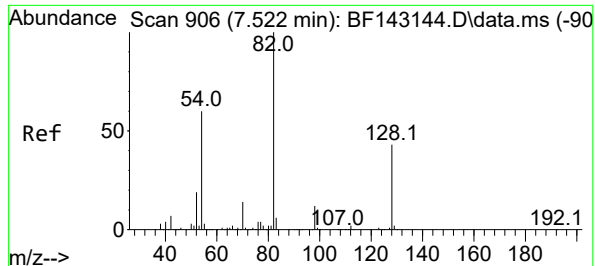
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 10.645 ng
RT: 7.357 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:105 Resp: 137532
Ion Ratio Lower Upper
105 100
71 9.3 5.8 8.6#
51 38.9 30.2 45.2
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 19.646 ng m

RT: 7.510 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 215086

Ion Ratio Lower Upper

82 100

128 40.5 33.6 50.4

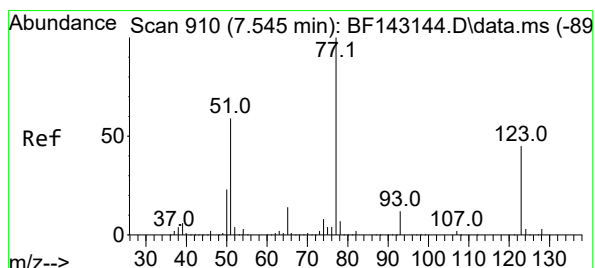
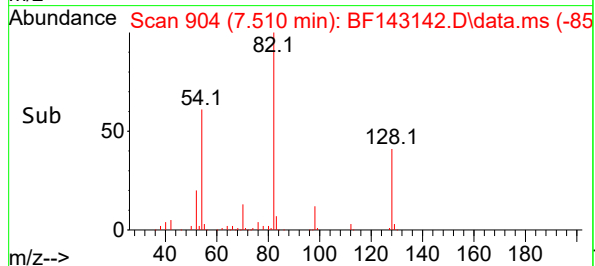
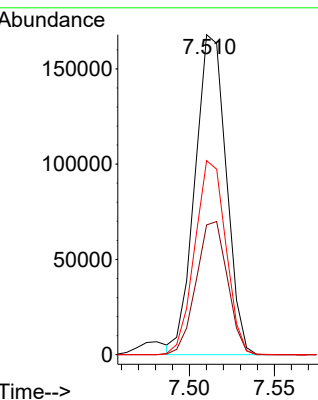
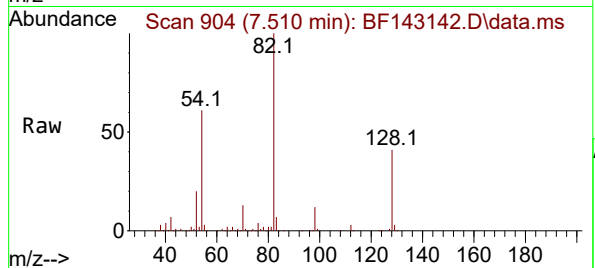
54 60.7 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 9.879 ng

RT: 7.534 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

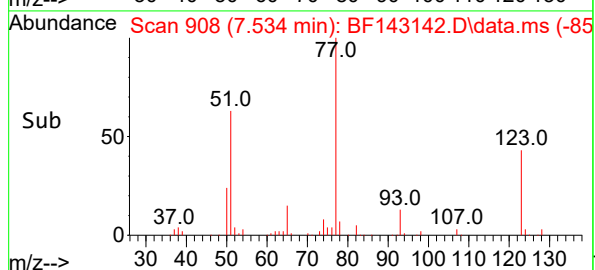
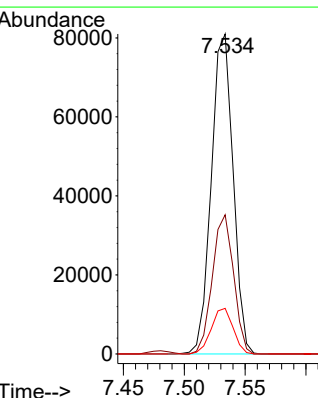
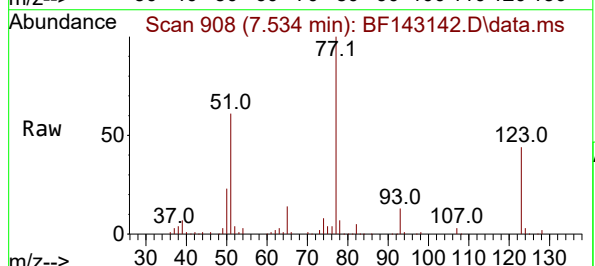
Tgt Ion: 77 Resp: 100837

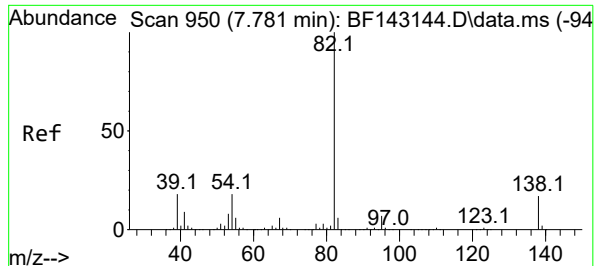
Ion Ratio Lower Upper

77 100

123 43.5 36.1 54.1

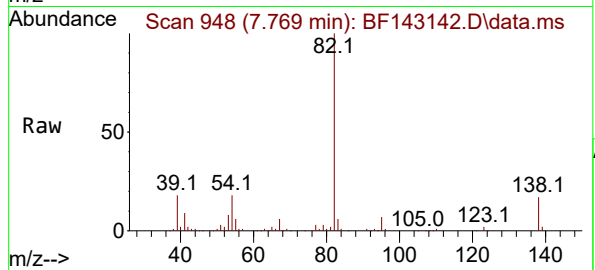
65 14.2 11.4 17.2





#25
Isophorone
Concen: 9.981 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

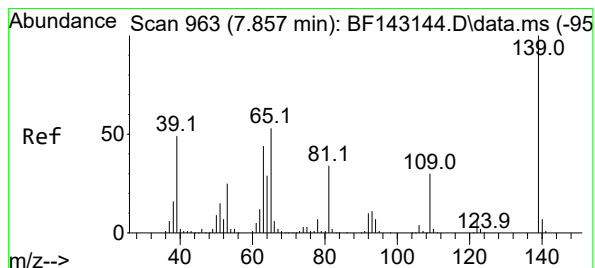
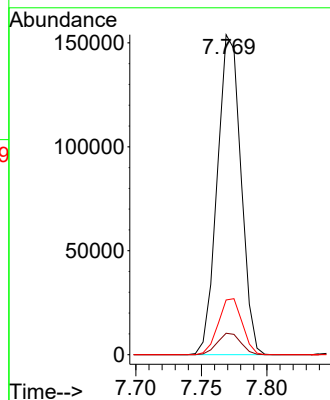
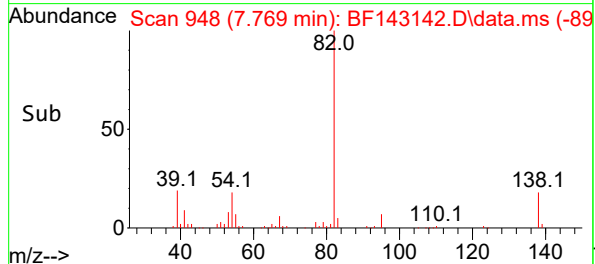
Instrument :
BNA_F
ClientSampleId :
SSTDIC010



Tgt Ion: 82 Resp: 19289
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.1 13.8 20.8

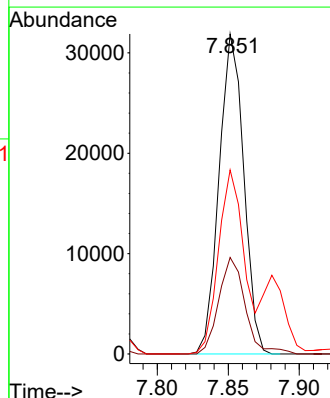
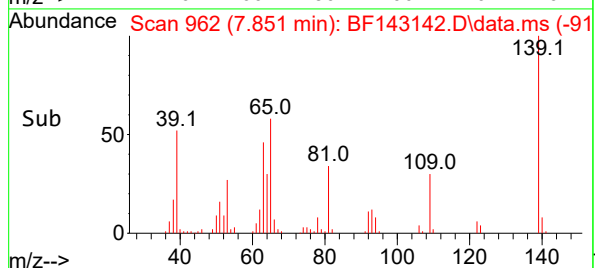
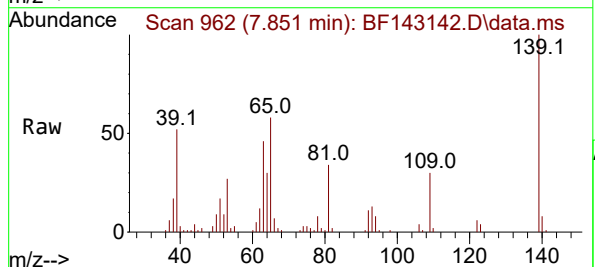
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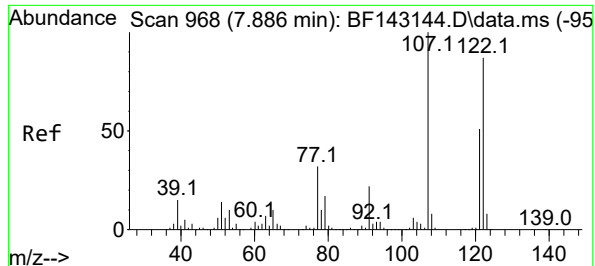
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 8.680 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:139 Resp: 38451
Ion Ratio Lower Upper
139 100
109 30.2 23.6 35.4
65 57.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 10.269 ng

RT: 7.881 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:122 Resp: 92724

Ion Ratio Lower Upper

122 100

107 112.6 91.8 137.6

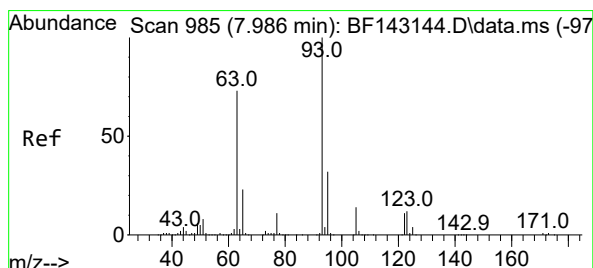
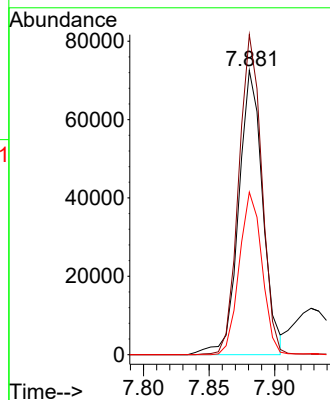
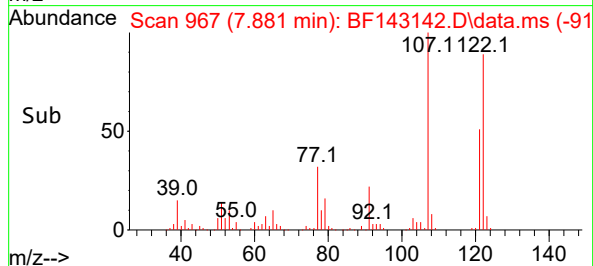
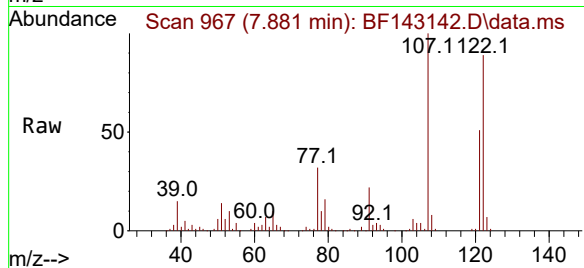
121 57.2 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 10.297 ng

RT: 7.981 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

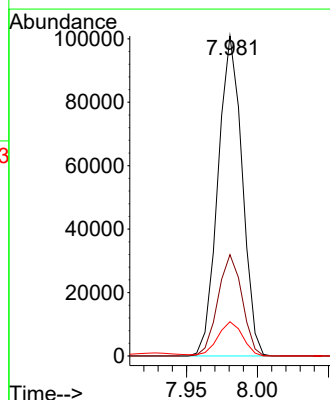
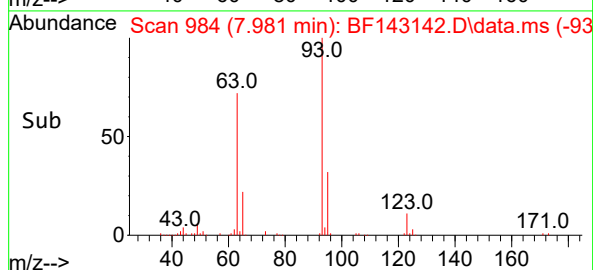
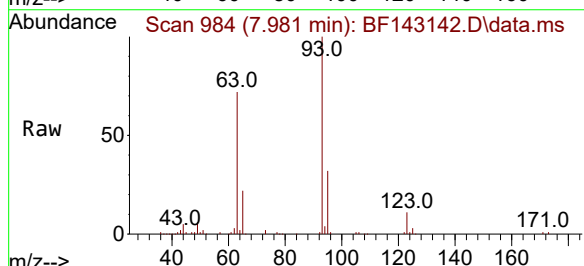
Tgt Ion: 93 Resp: 119320

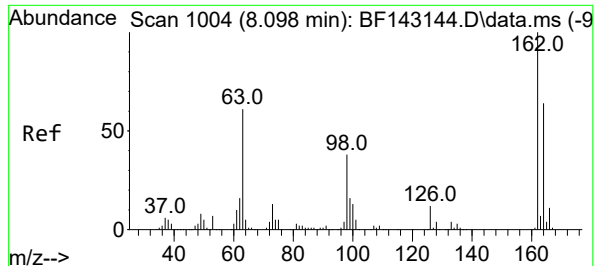
Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

123 10.7 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 10.091 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion:162 Resp: 7684

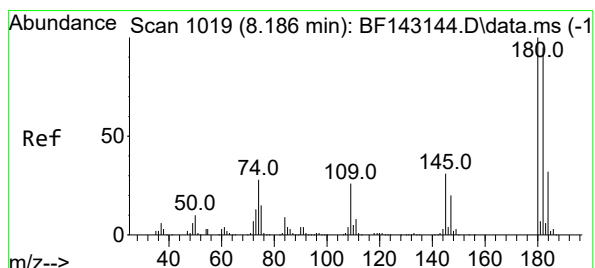
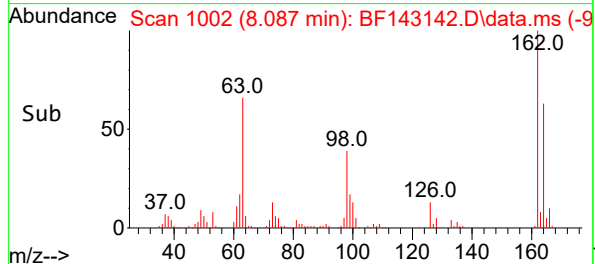
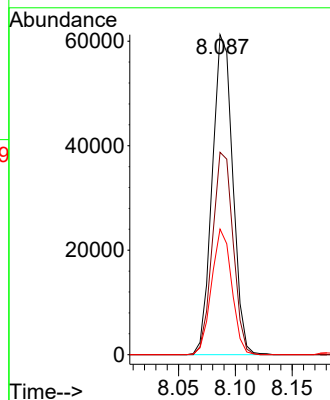
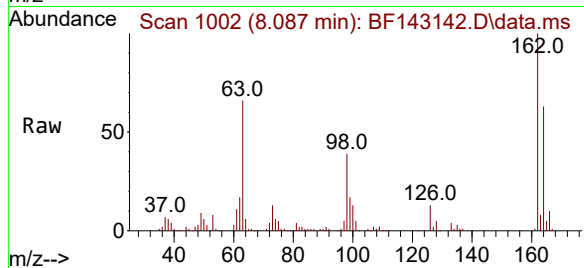
Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.2	84.2
98	39.2	17.9	57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.191 ng

RT: 8.181 min Scan# 1018

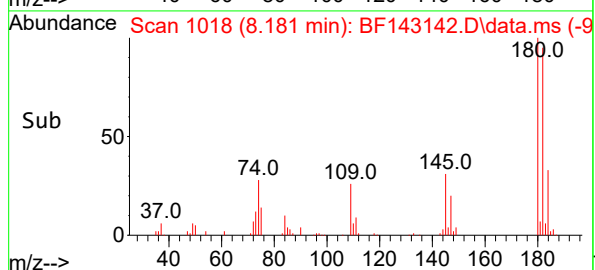
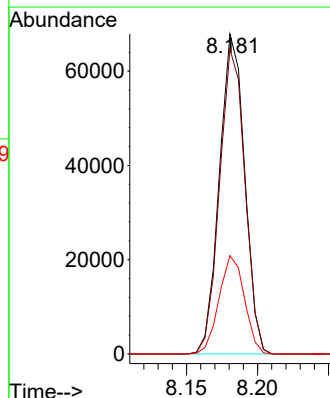
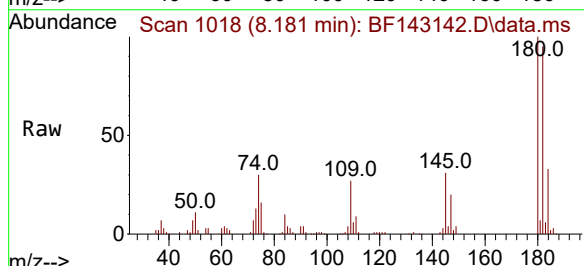
Delta R.T. -0.006 min

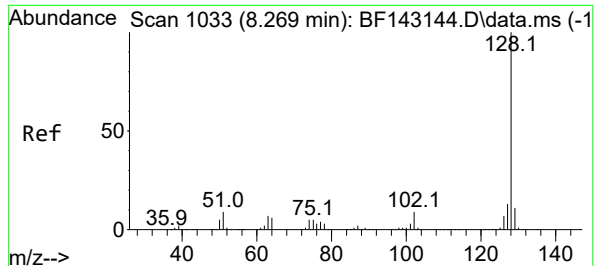
Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Tgt Ion:180 Resp: 83842

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	30.7	25.0	37.6





#31

Naphthalene

Concen: 10.534 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

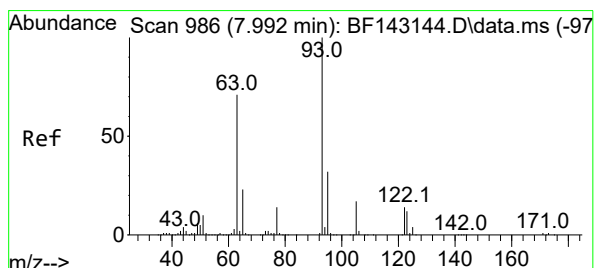
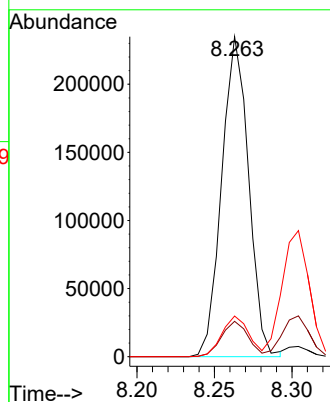
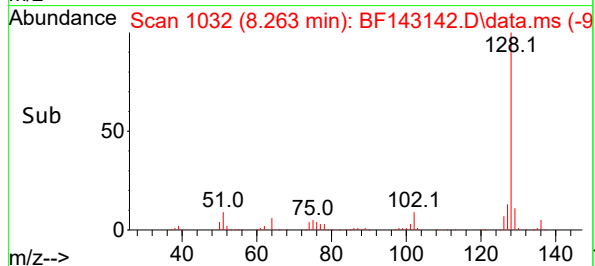
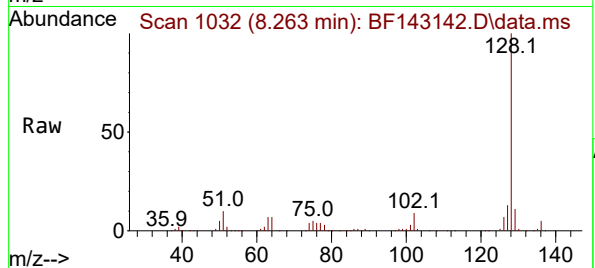
Tgt Ion:128 Resp: 283107
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.7 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#32

Benzoic acid

Concen: 10.113 ng m

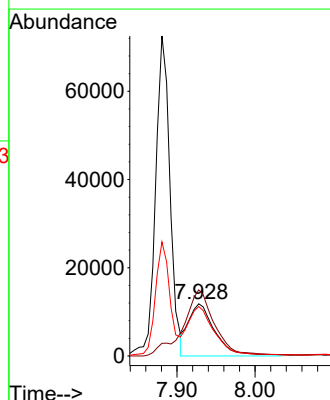
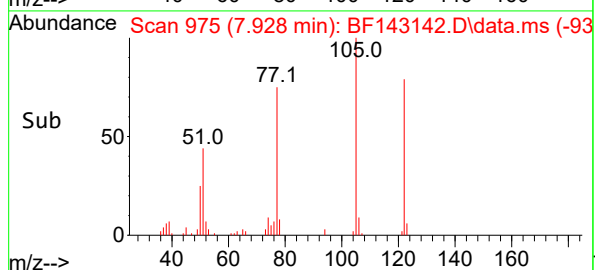
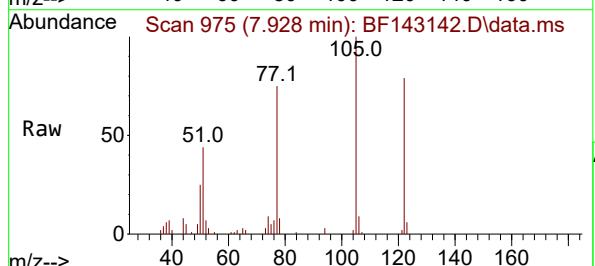
RT: 7.928 min Scan# 975

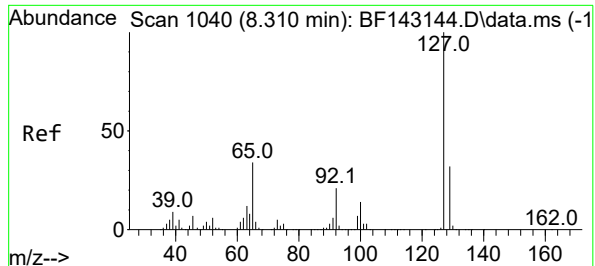
Delta R.T. -0.064 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

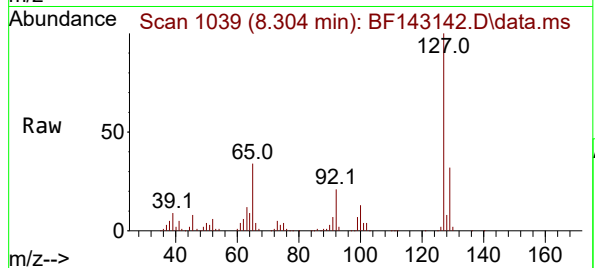
Tgt Ion:122 Resp: 28431
Ion Ratio Lower Upper
122 100
105 126.6 104.8 144.8
77 94.6 77.6 117.6





#33
4-Chloroaniline
Concen: 10.369 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

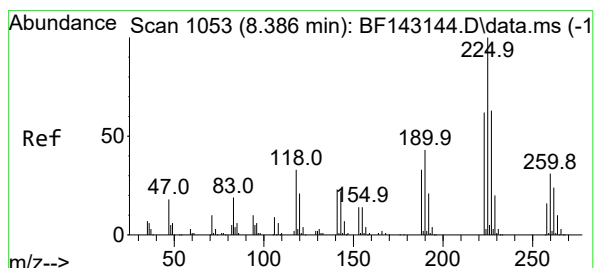
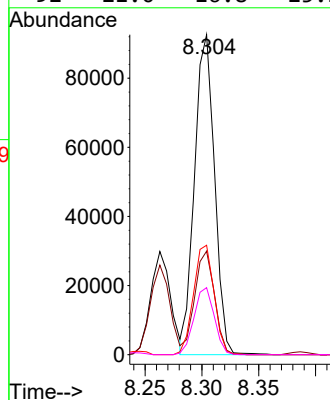
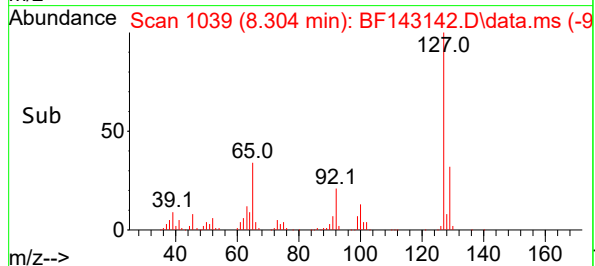
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 11379
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 34.2 27.4 41.2
92 21.0 16.8 25.2

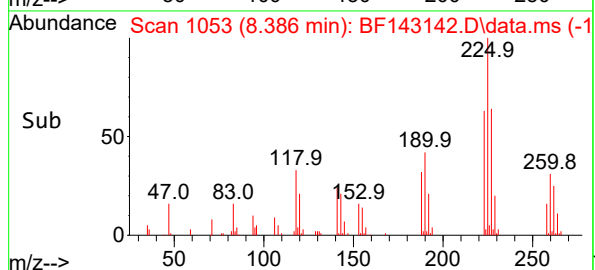
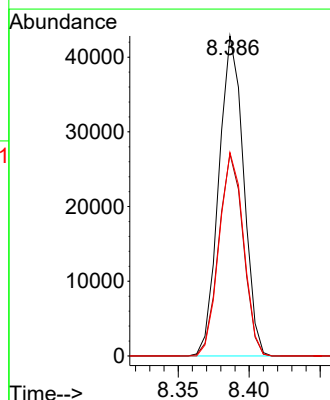
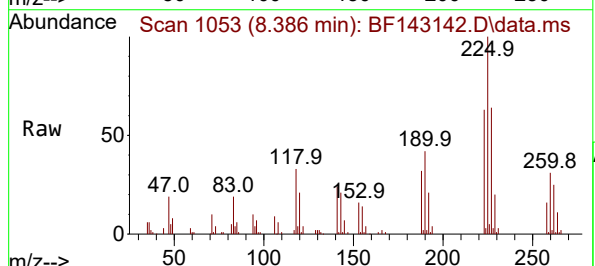
Manual Integrations
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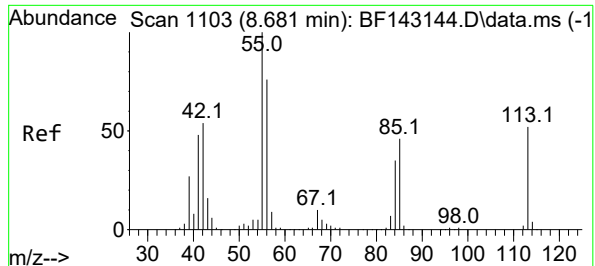
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 10.290 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

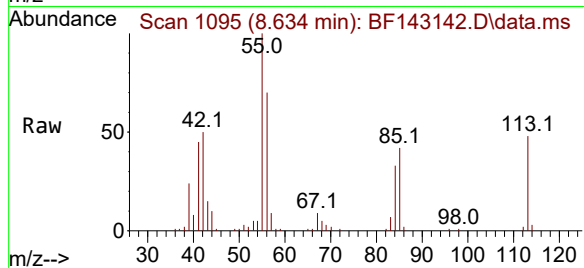
Tgt Ion:225 Resp: 51715
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.6
227 63.5 50.2 75.4





#35
 Caprolactam
 Concen: 9.194 ng
 RT: 8.634 min Scan# 1103
 Delta R.T. -0.047 min
 Lab File: BF143142.D
 Acq: 17 Jul 2025 12:04

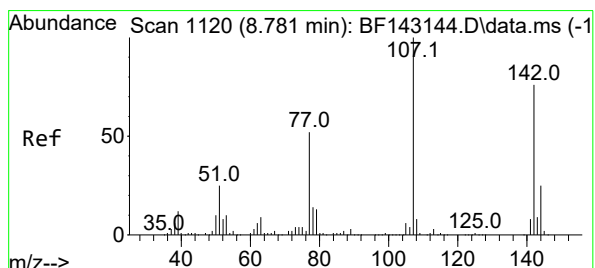
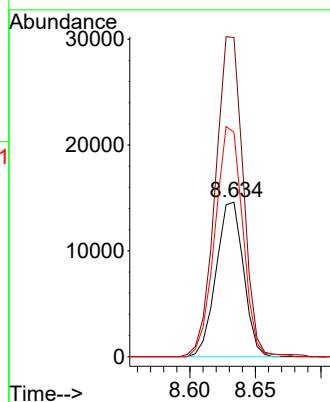
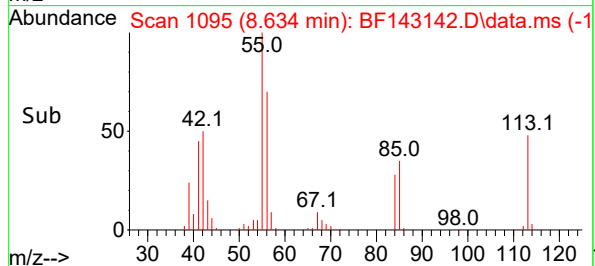
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010



Tgt Ion:113 Resp: 2115
 Ion Ratio Lower Upper
 113 100
 55 206.8 174.0 214.0
 56 145.4 126.6 166.6

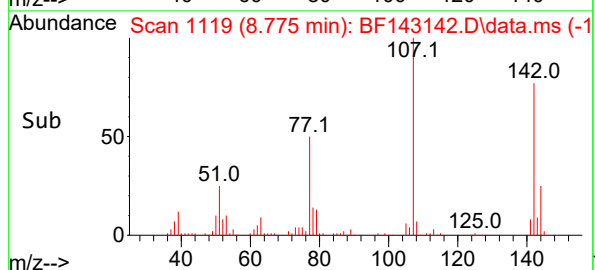
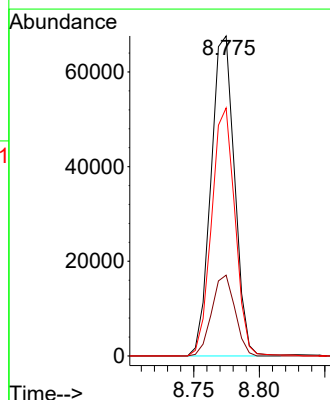
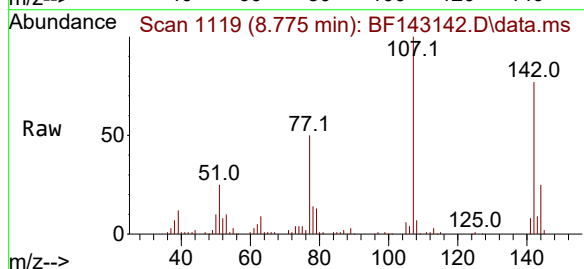
Manual Integrations
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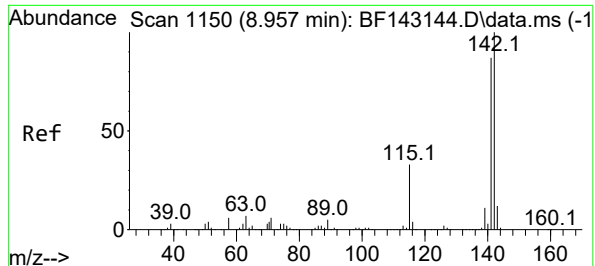
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 10.227 ng
 RT: 8.775 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF143142.D
 Acq: 17 Jul 2025 12:04

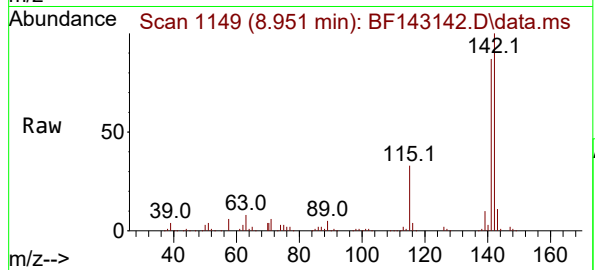
Tgt Ion:107 Resp: 84647
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.8 29.6
 142 77.5 60.6 90.8





#37
2-Methylnaphthalene
Concen: 10.570 ng
RT: 8.951 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

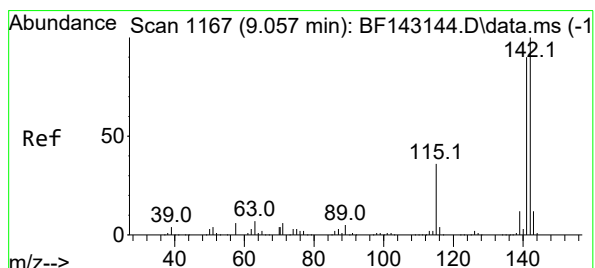
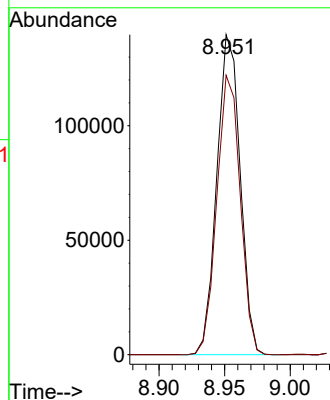
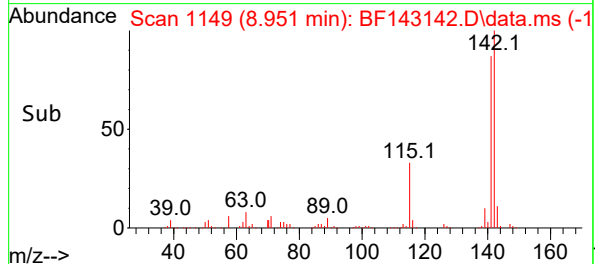
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:142 Resp: 17286
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9

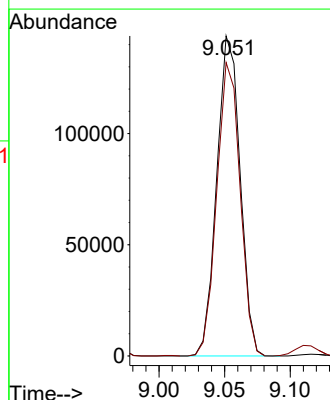
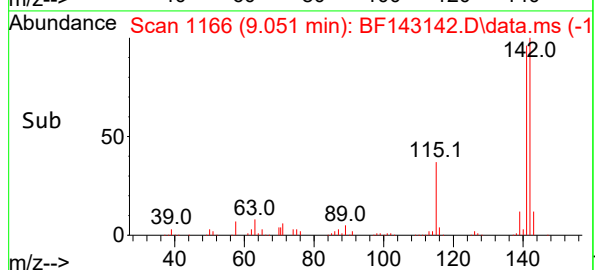
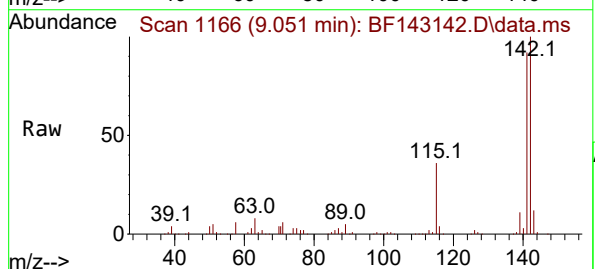
Manual Integrations
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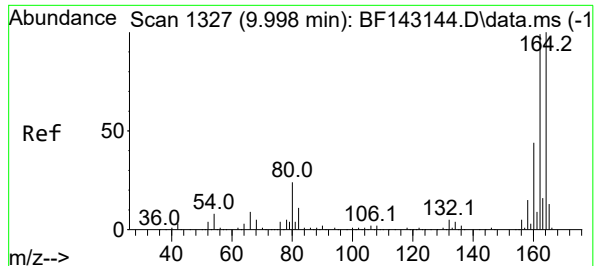
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 10.564 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:142 Resp: 177917
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143142.D

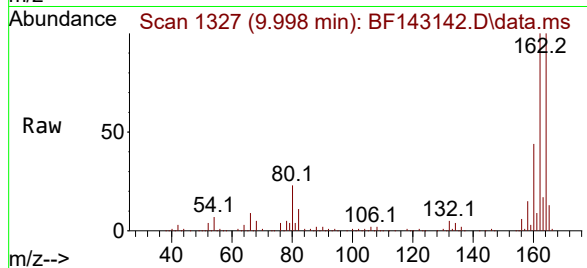
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 282580

Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

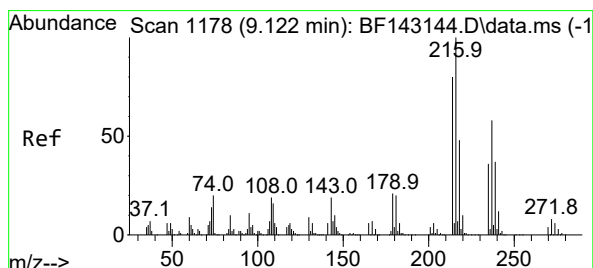
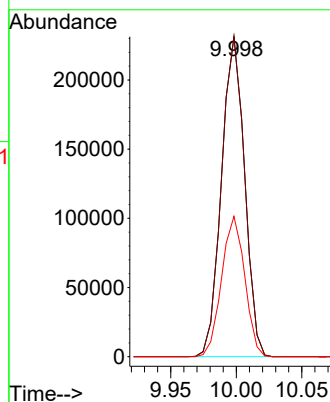
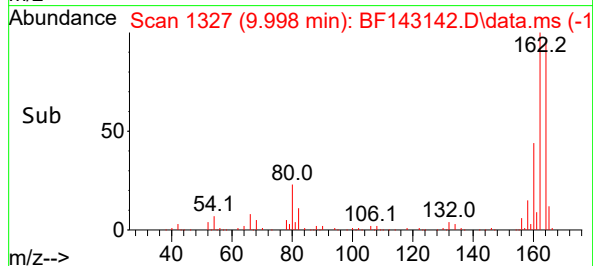
160 43.9 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.357 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Tgt Ion:216 Resp: 84494

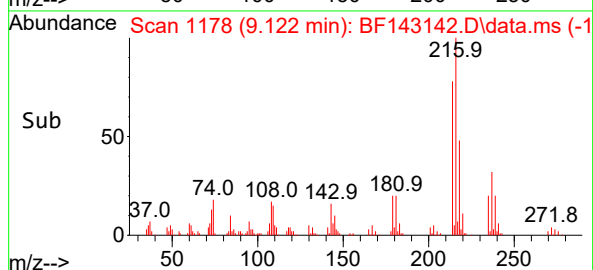
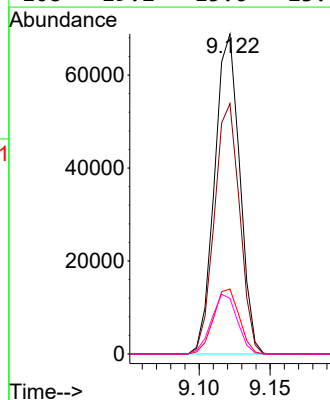
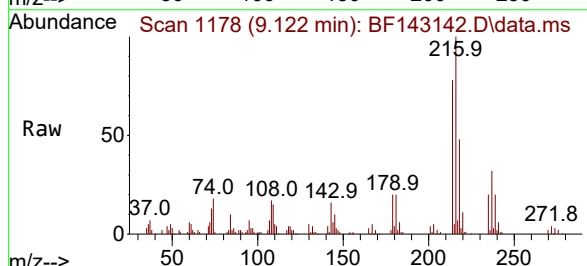
Ion Ratio Lower Upper

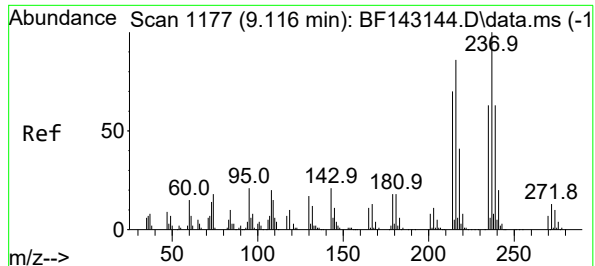
216 100

214 78.6 63.8 95.8

179 20.8 16.4 24.6

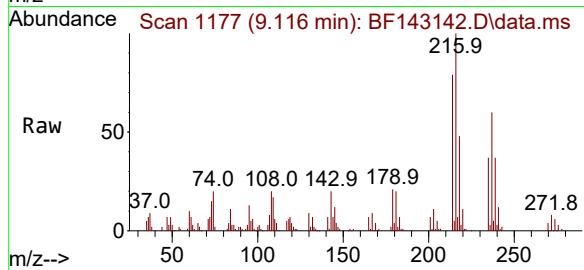
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 8.963 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

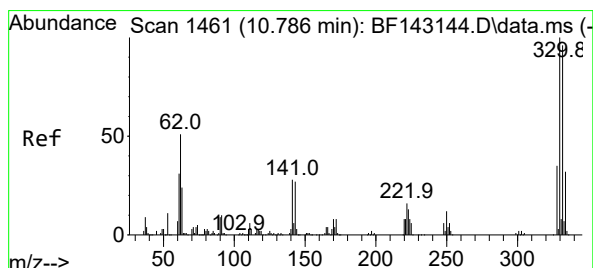
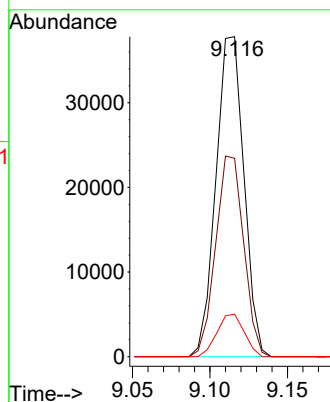
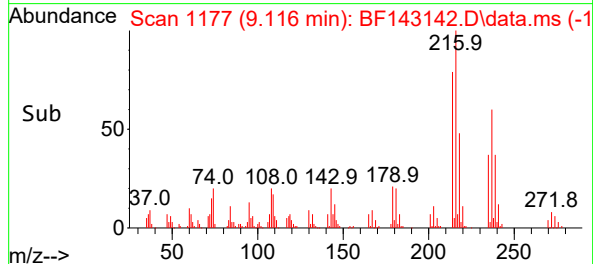
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



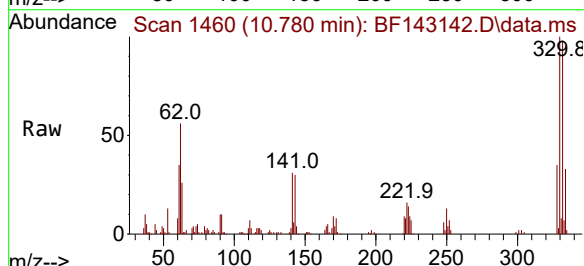
Tgt Ion:237 Resp: 4757
Ion Ratio Lower Upper
237 100
235 62.0 43.0 83.0
272 13.3 0.0 33.3

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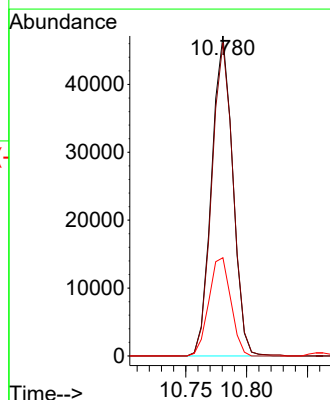
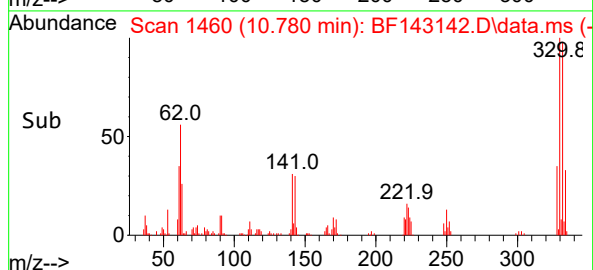
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

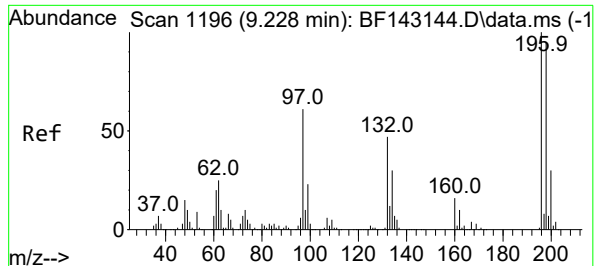


#42
2,4,6-Tribromophenol
Concen: 19.512 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:330 Resp: 56961
Ion Ratio Lower Upper
330 100
332 98.3 76.7 115.1
141 32.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 10.165 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143142.D

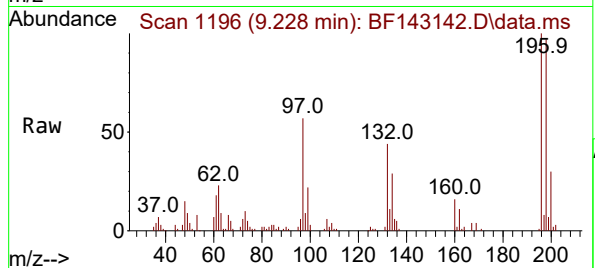
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 57390

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

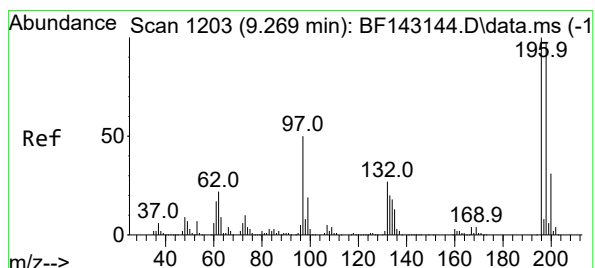
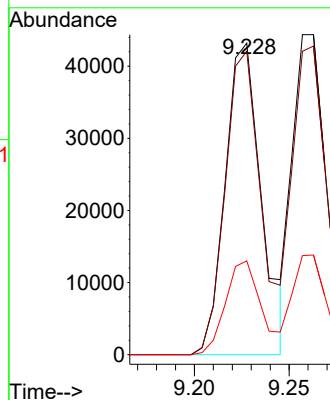
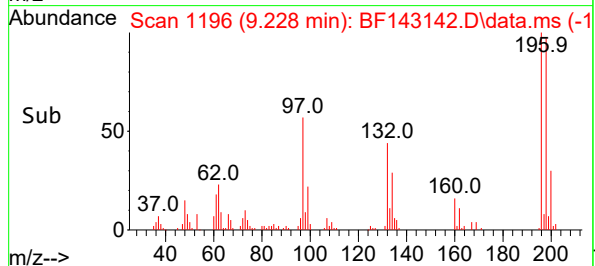
200 30.1 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

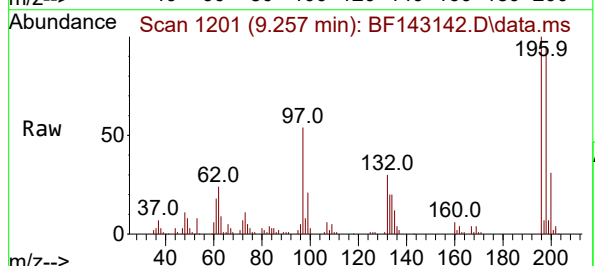
Concen: 9.688 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04



Tgt Ion:196 Resp: 54716

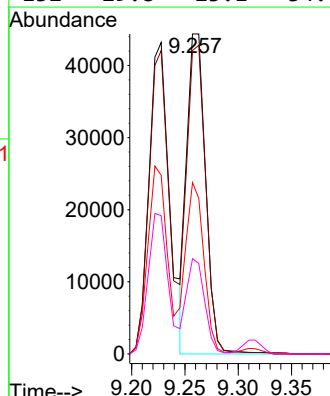
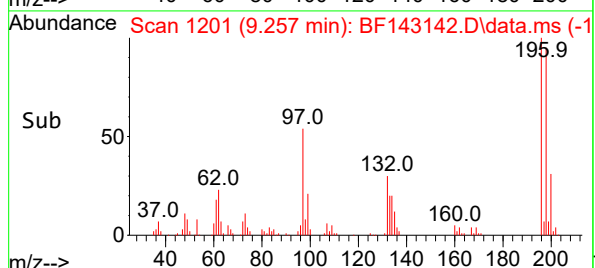
Ion Ratio Lower Upper

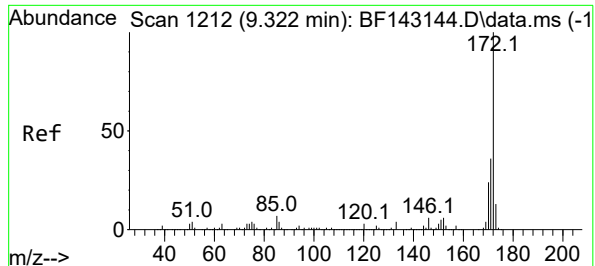
196 100

198 94.8 77.3 115.9

97 53.5 40.3 60.5

132 29.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 22.489 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:172 Resp: 464669

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

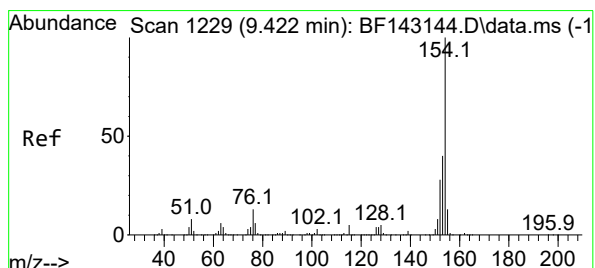
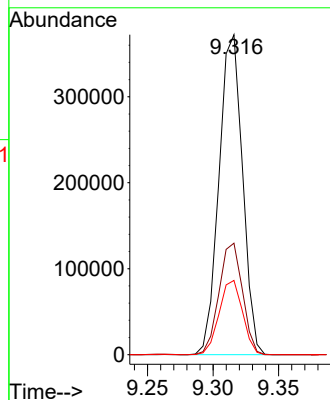
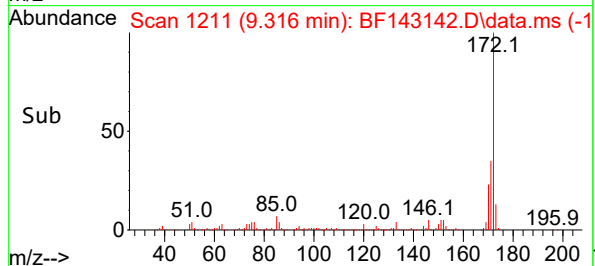
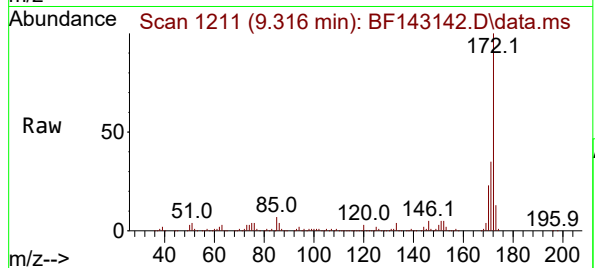
170 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 10.680 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

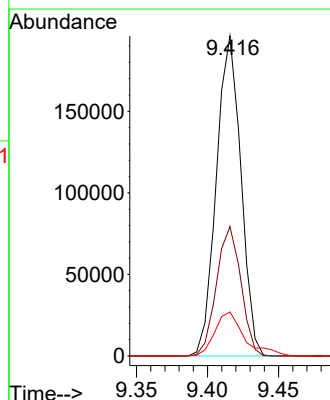
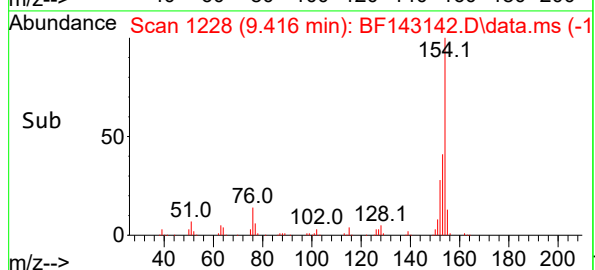
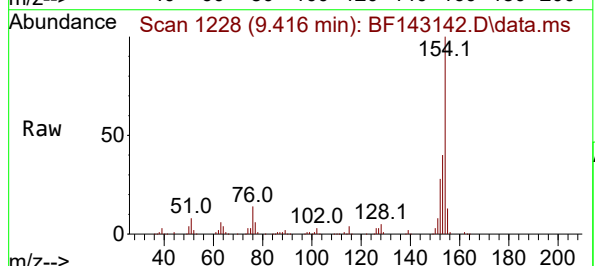
Tgt Ion:154 Resp: 235467

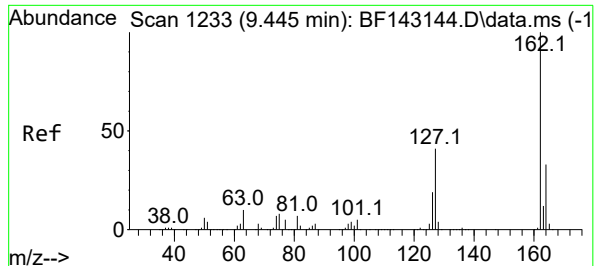
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 10.595 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF143142.D

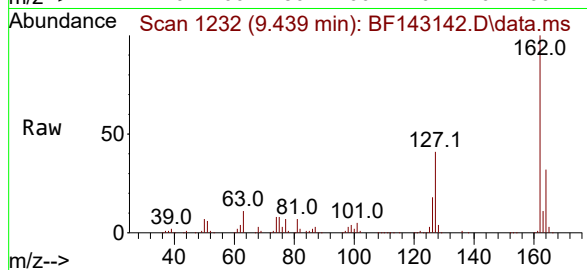
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 17283

Ion Ratio Lower Upper

162 100

127 40.6 33.4 50.2

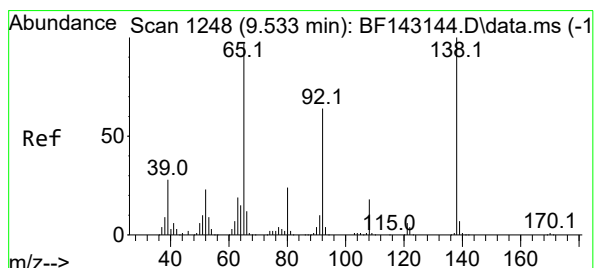
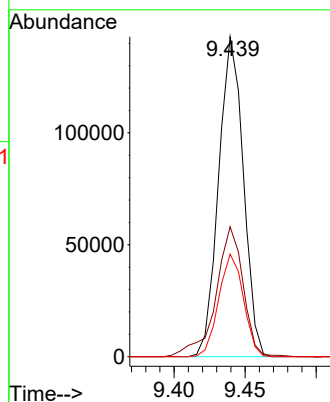
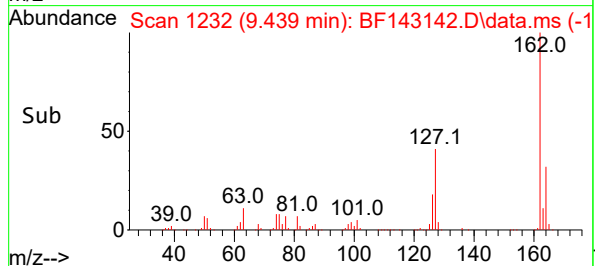
164 32.0 26.2 39.2

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

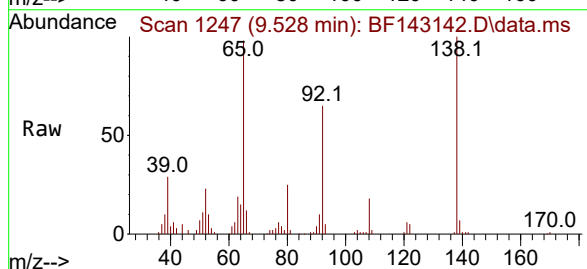
Concen: 9.198 ng

RT: 9.528 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04



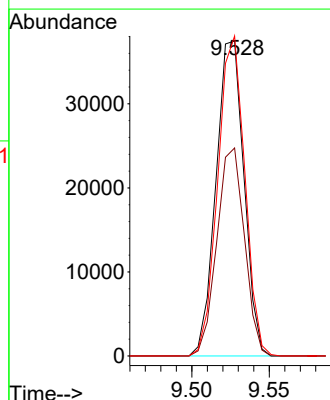
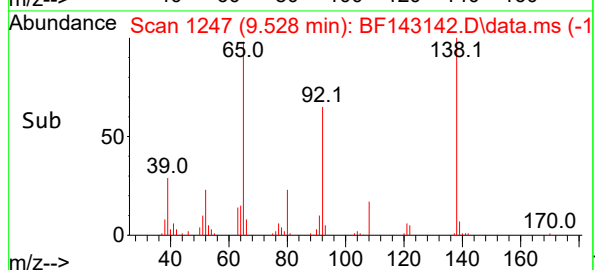
Tgt Ion: 65 Resp: 47055

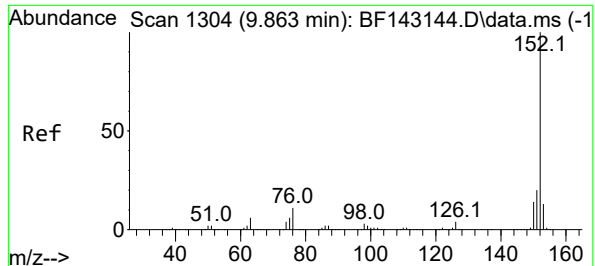
Ion Ratio Lower Upper

65 100

92 66.0 52.4 78.6

138 101.6 82.3 123.5





#49

Acenaphthylene

Concen: 10.607 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 289989

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.2

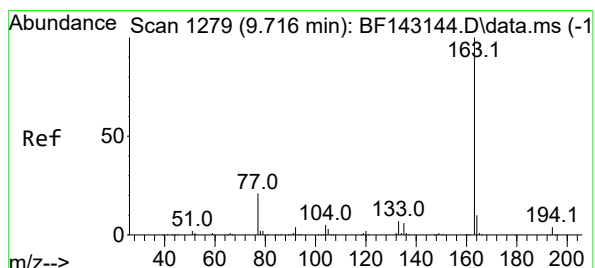
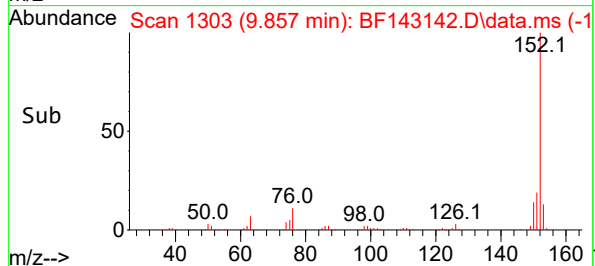
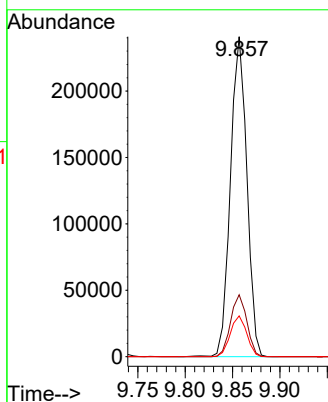
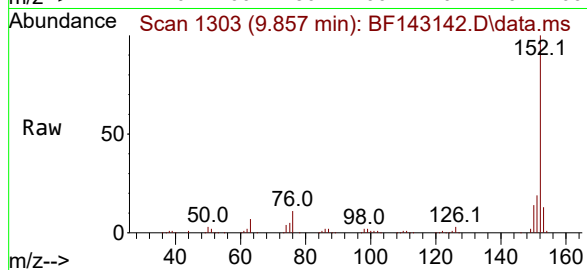
153 12.8 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 10.283 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

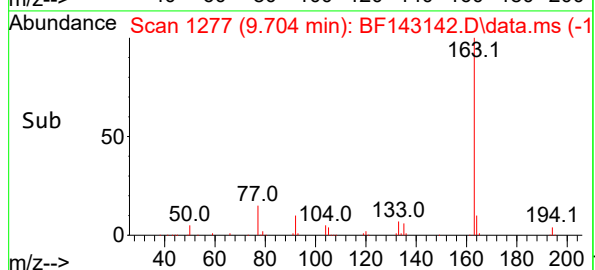
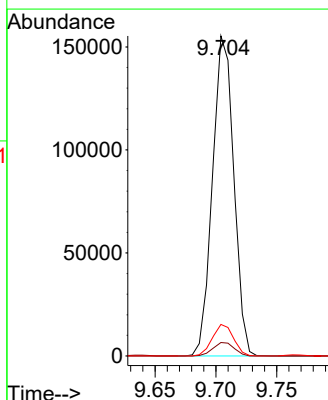
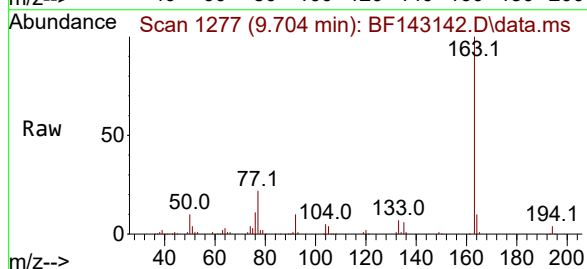
Tgt Ion:163 Resp: 189399

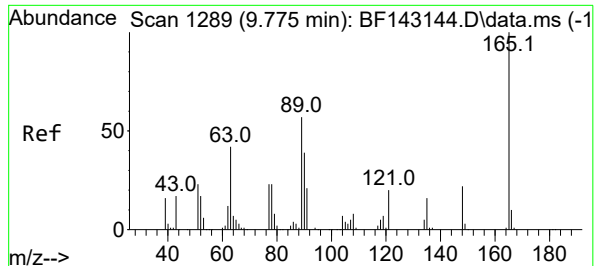
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

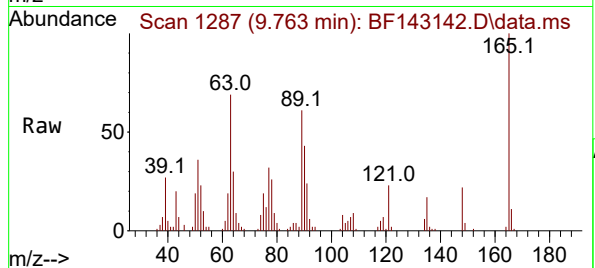
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

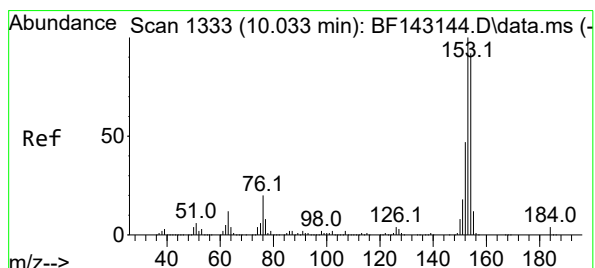
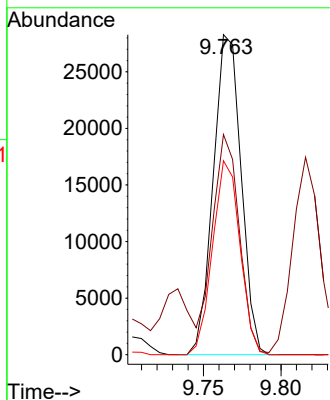
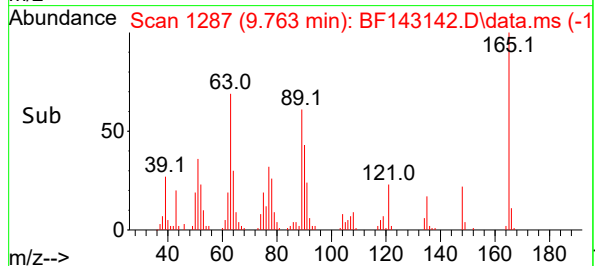
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 35364
Ion Ratio Lower Upper
165 100
63 68.8 49.4 74.2
89 60.6 46.2 69.2

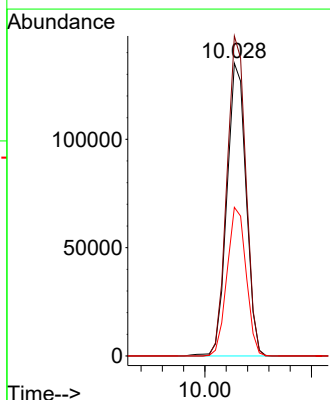
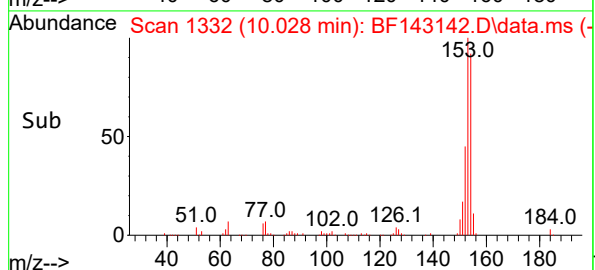
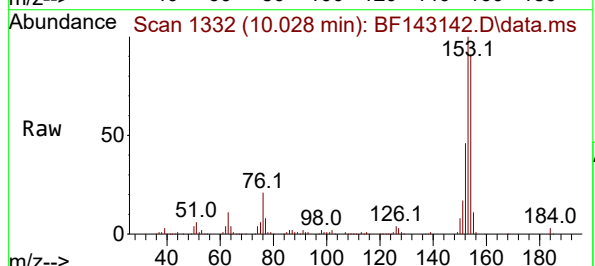
Manual Integrations
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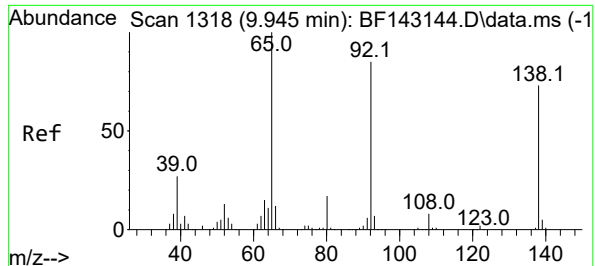
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 10.440 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:154 Resp: 168698
Ion Ratio Lower Upper
154 100
153 109.3 86.6 129.8
152 50.8 40.4 60.6





#53

3-Nitroaniline

Concen: 9.667 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:138 Resp: 4236

Ion Ratio Lower Upper

138 100

108 12.7 9.0 13.6

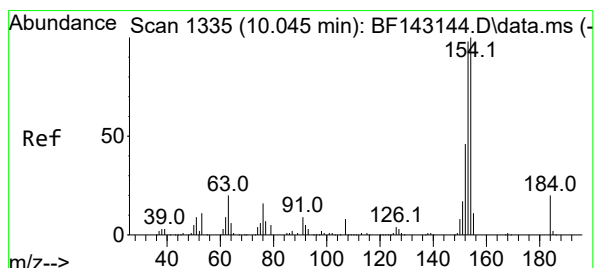
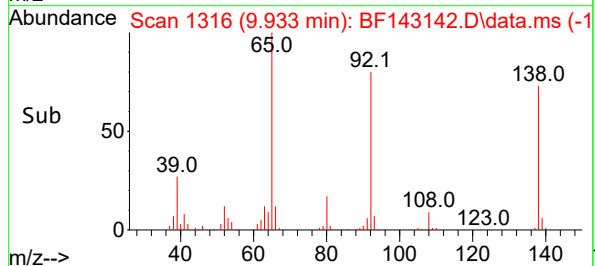
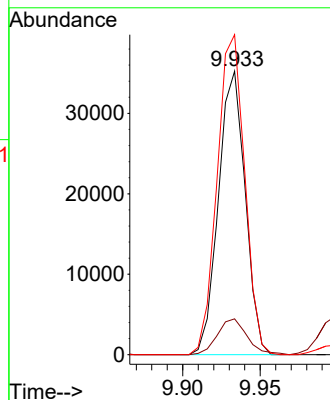
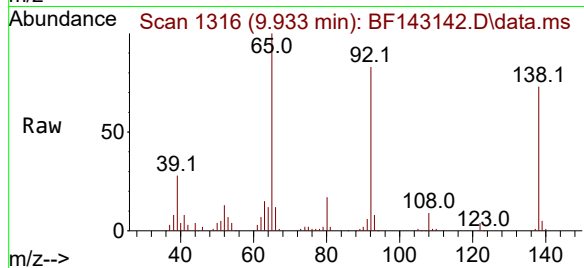
92 112.9 93.0 139.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#54

2,4-Dinitrophenol

Concen: 10.522 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

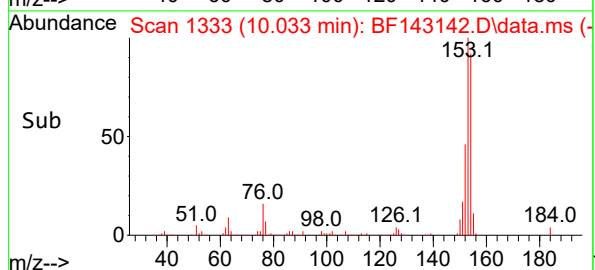
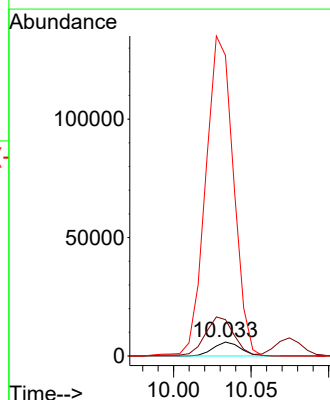
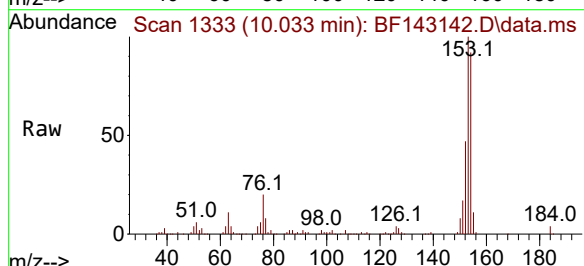
Tgt Ion:184 Resp: 7147

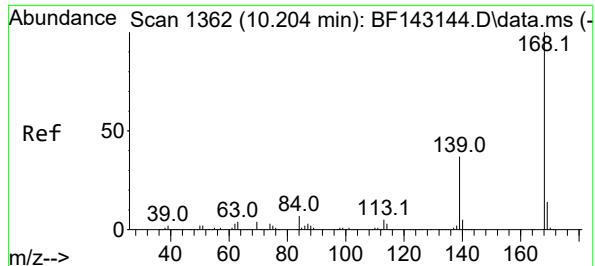
Ion Ratio Lower Upper

184 100

63 261.5 81.8 122.6#

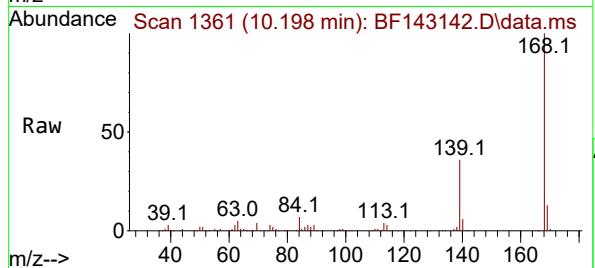
154 2164.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 10.641 ng
RT: 10.198 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

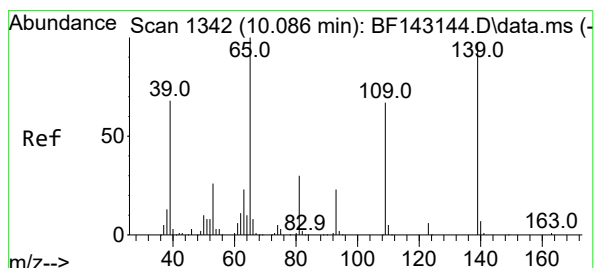
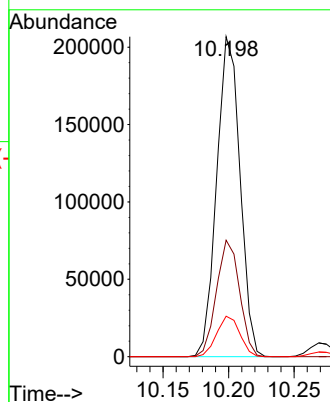
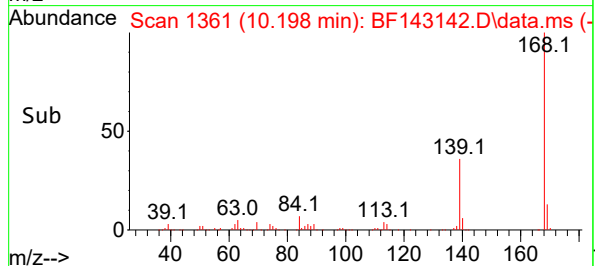
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:168 Resp: 255272
Ion Ratio Lower Upper
168 100
139 36.4 29.5 44.3
169 12.7 10.9 16.3

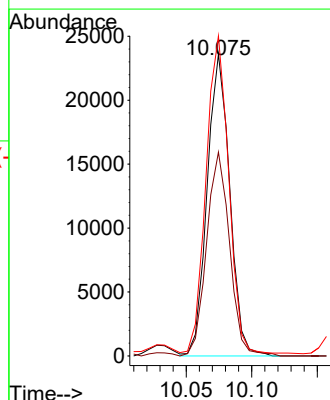
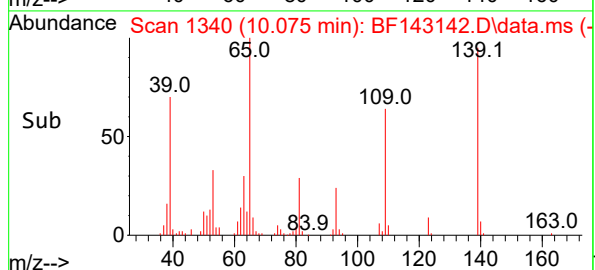
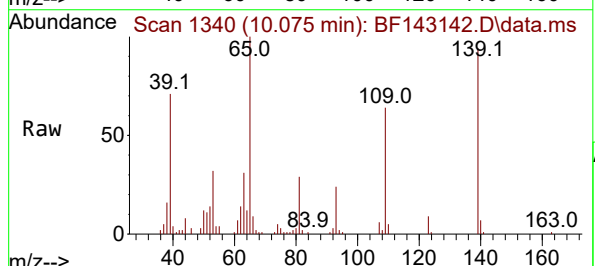
Manual Integrations
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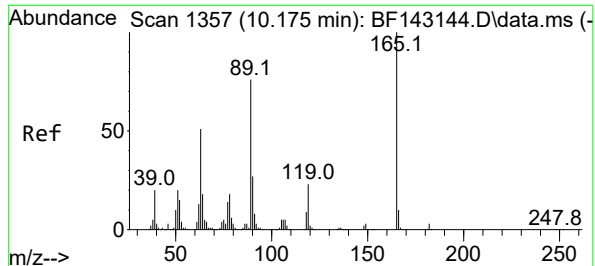
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 8.627 ng
RT: 10.075 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

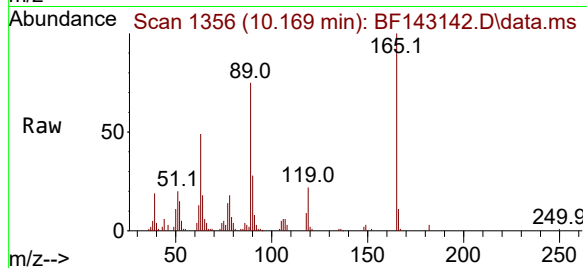
Tgt Ion:139 Resp: 28233
Ion Ratio Lower Upper
139 100
109 67.5 48.5 88.5
65 106.0 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 8.895 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

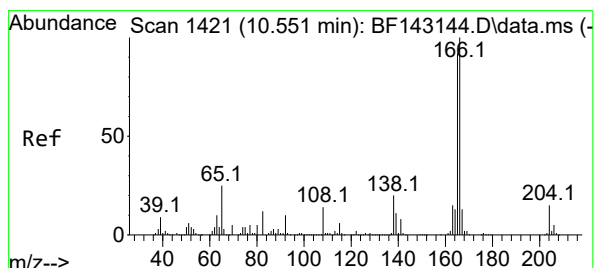
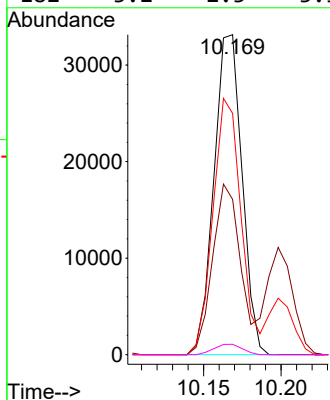
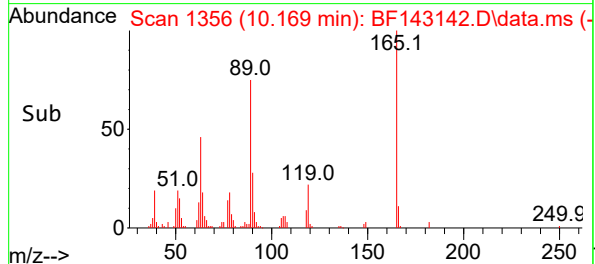
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



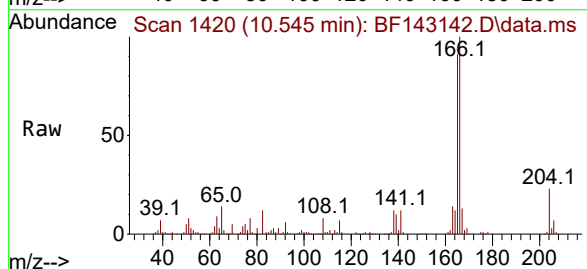
Tgt Ion:165 Resp: 4181
Ion Ratio Lower Upper
165 100
63 48.5 41.0 61.4
89 75.4 61.1 91.7
182 3.2 2.3 3.5

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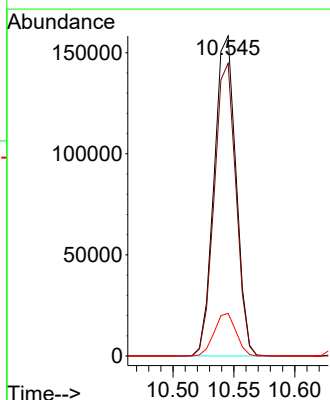
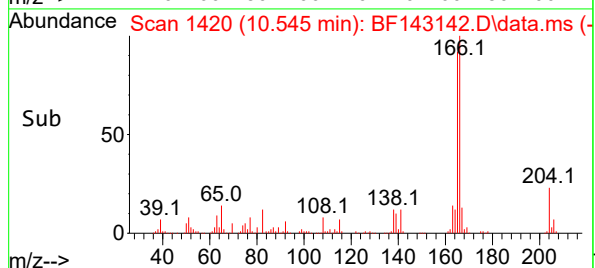
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

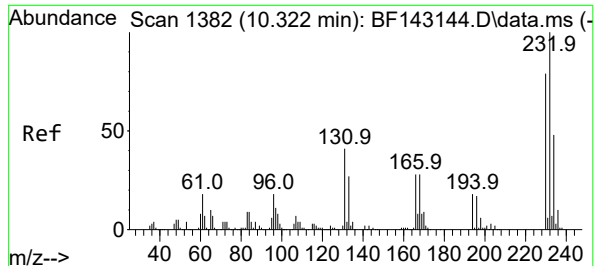


#58
Fluorene
Concen: 10.999 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



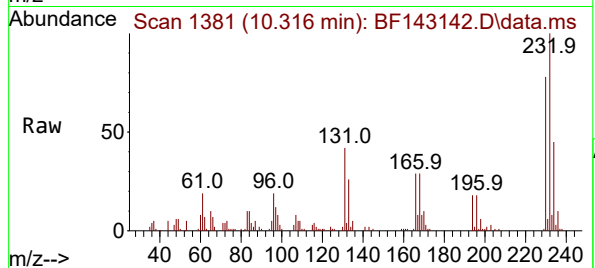
Tgt Ion:166 Resp: 198041
Ion Ratio Lower Upper
166 100
165 91.4 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.986 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

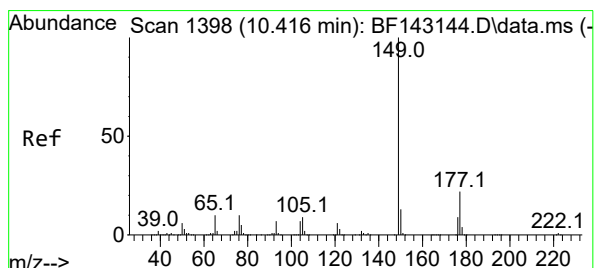
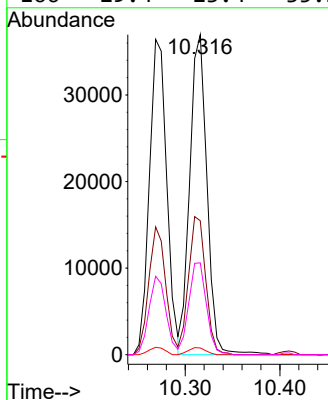
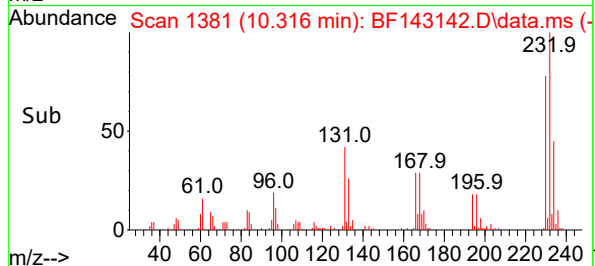
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:232 Resp: 46720
Ion Ratio Lower Upper
232 100
131 43.0 35.3 52.9
130 2.2 1.7 2.5
166 29.4 23.4 35.2

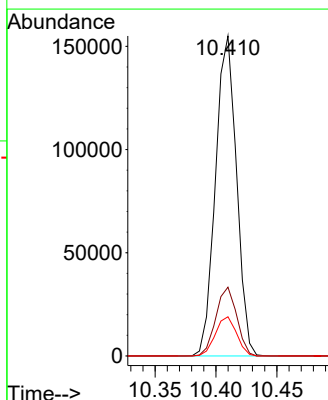
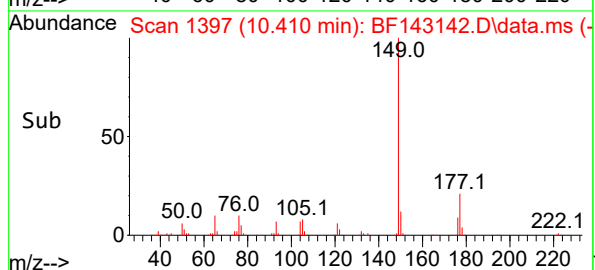
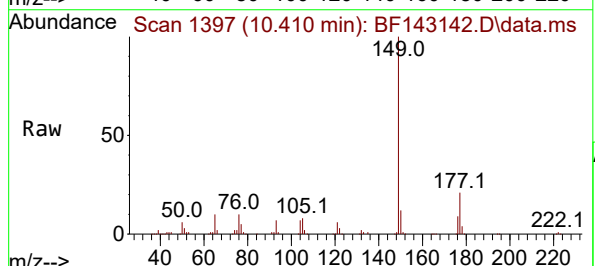
Manual Integrations
APPROVED

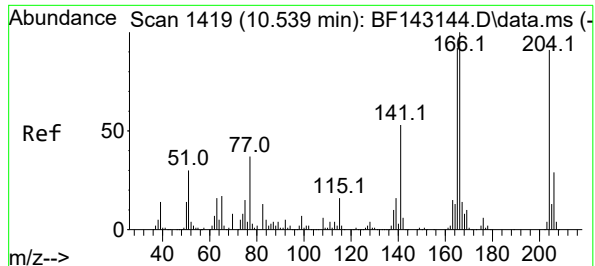
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

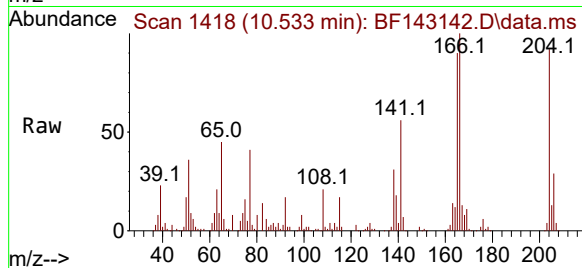
Tgt Ion:149 Resp: 186802
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 10.561 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

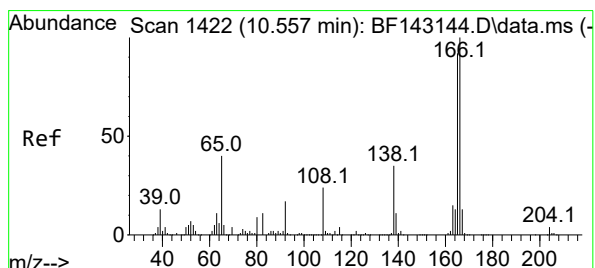
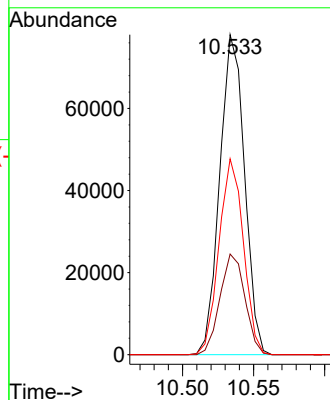
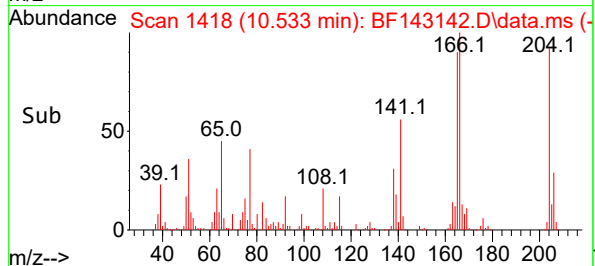
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



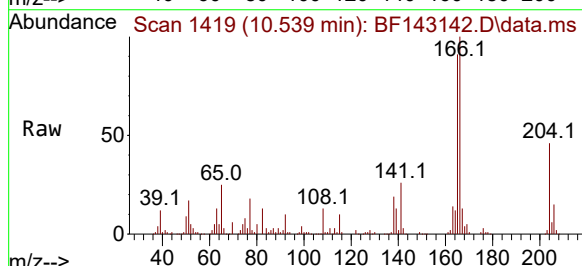
Tgt Ion:204 Resp: 9468
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.8
141 61.2 47.0 70.4

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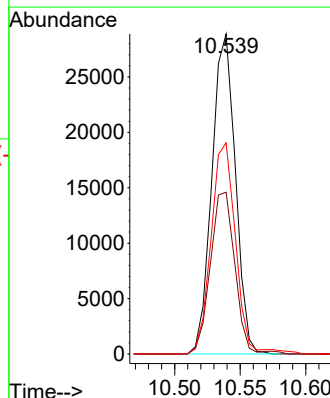
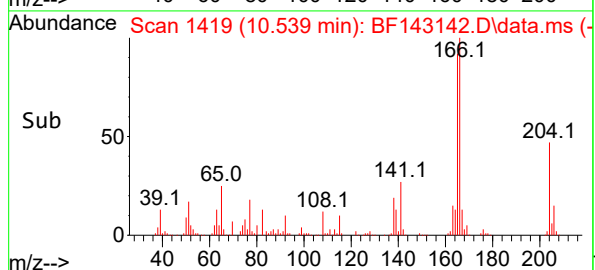
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

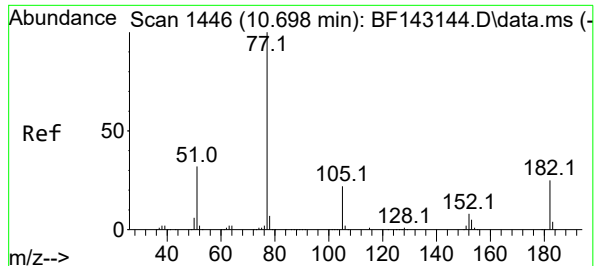


#62
4-Nitroaniline
Concen: 9.574 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



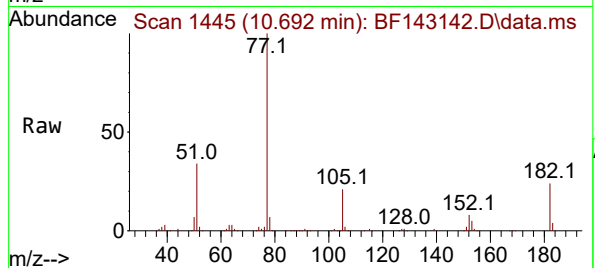
Tgt Ion:138 Resp: 35962
Ion Ratio Lower Upper
138 100
92 50.5 29.3 69.3
108 66.0 48.3 88.3





#63
Azobenzene
Concen: 10.435 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

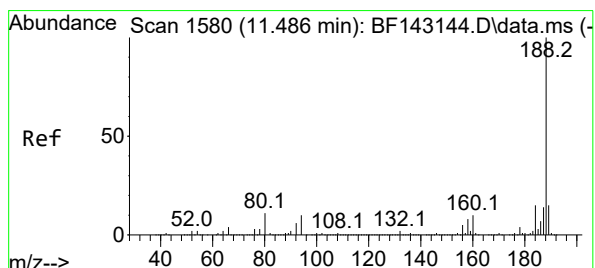
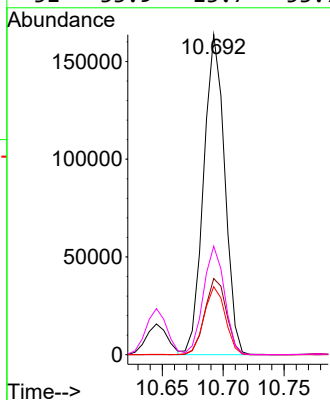
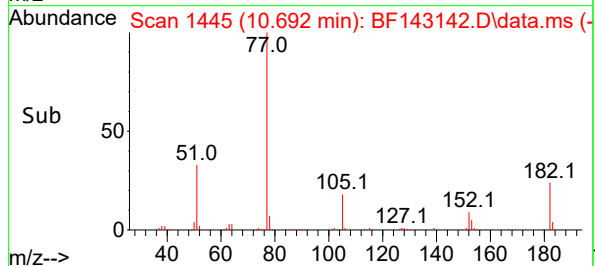
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 197998
Ion Ratio Lower Upper
77 100
182 23.8 4.6 44.6
105 21.2 1.4 41.4
51 33.9 13.7 53.7

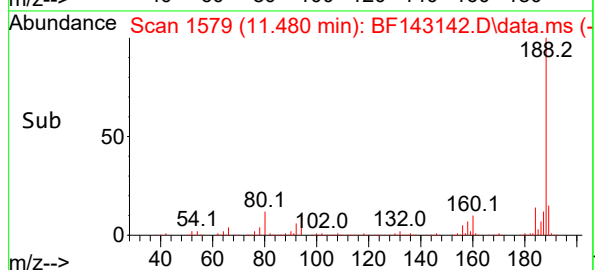
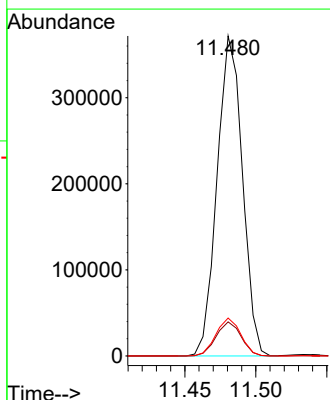
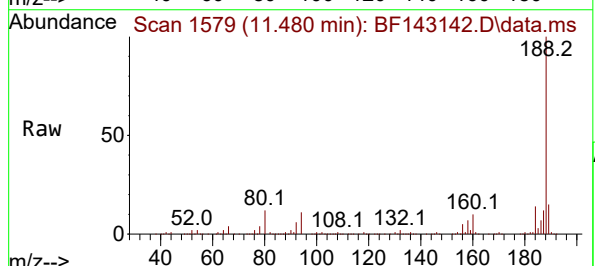
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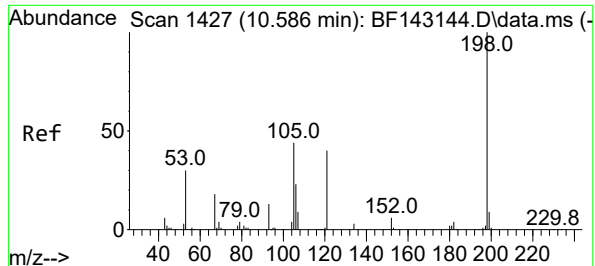
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

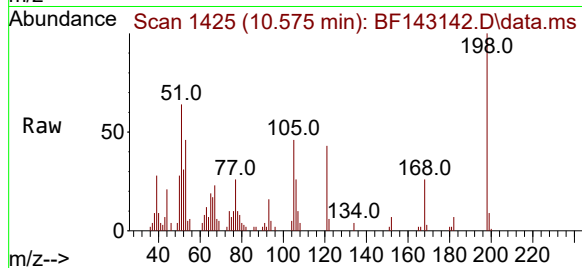
Tgt Ion:188 Resp: 461255
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 10.014 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.011 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

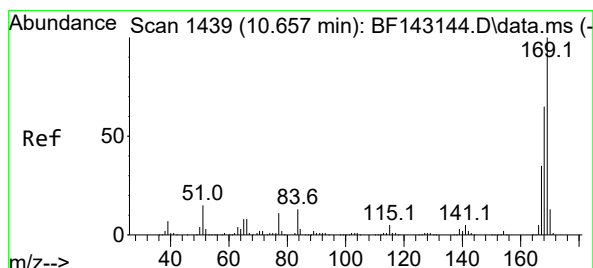
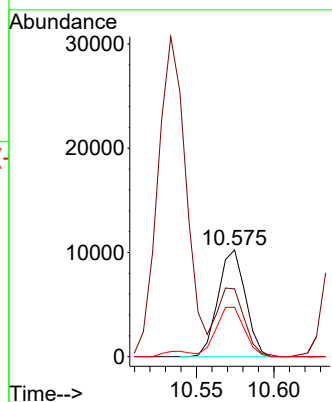
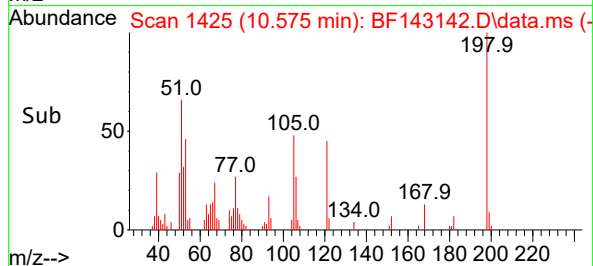
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 1254
Ion Ratio Lower Upper
198 100
51 63.6 37.2 77.2
105 46.4 24.8 64.8

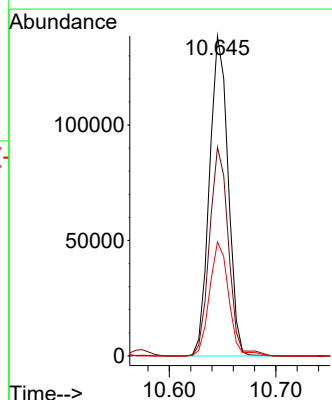
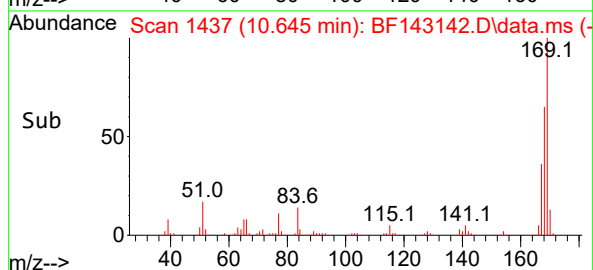
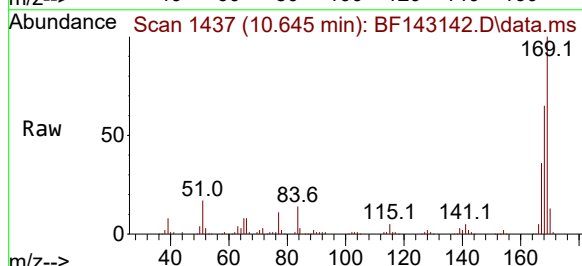
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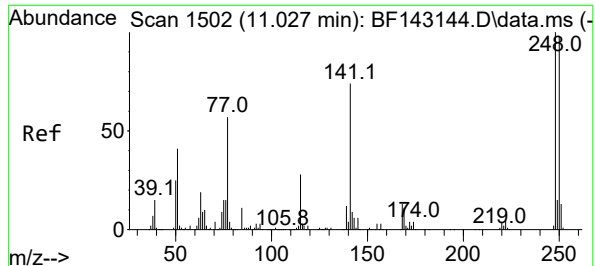
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 10.337 ng
RT: 10.645 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

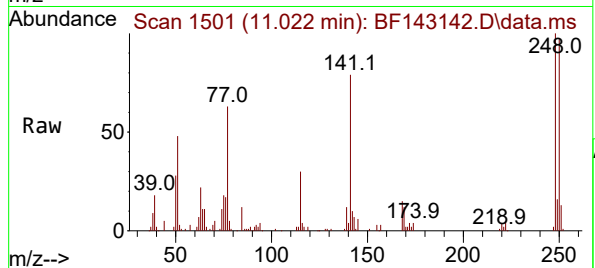
Tgt Ion:169 Resp: 167901
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.6 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 9.978 ng
RT: 11.022 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

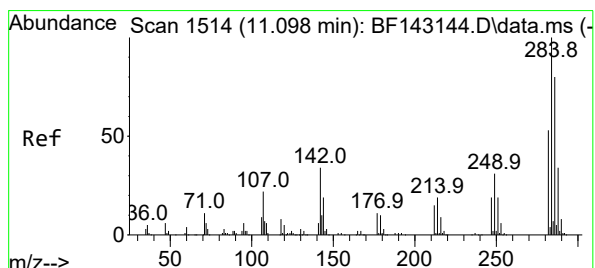
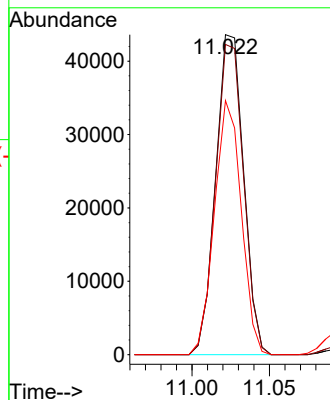
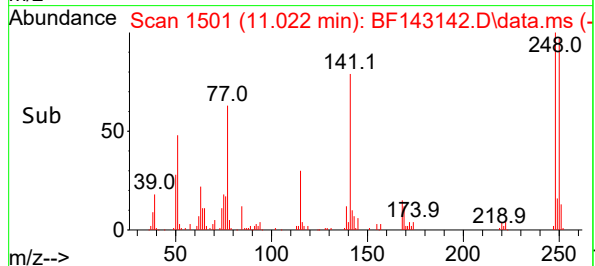
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



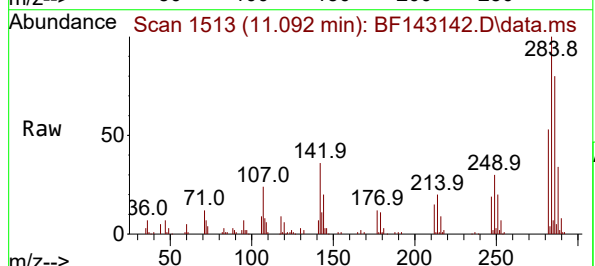
Tgt Ion:248 Resp: 54849
Ion Ratio Lower Upper
248 100
250 97.0 78.3 117.5
141 79.4 59.2 88.8

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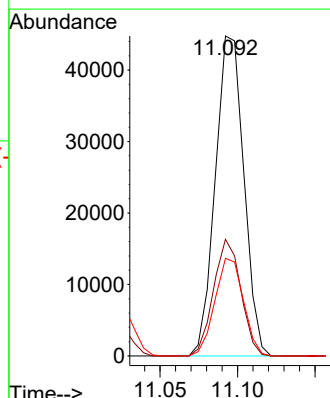
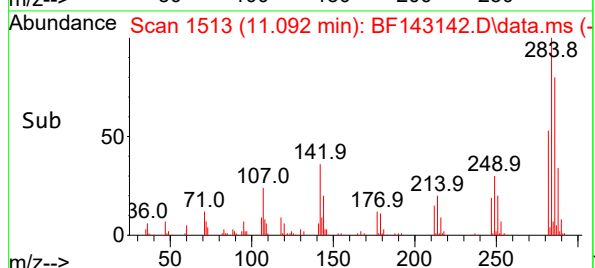
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

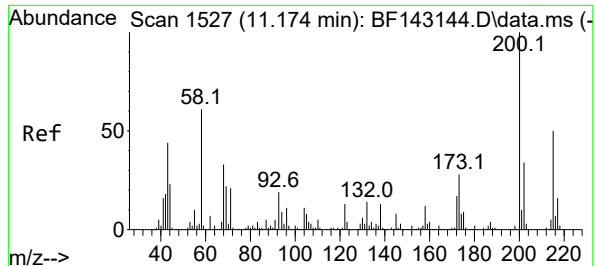


#68
Hexachlorobenzene
Concen: 9.974 ng
RT: 11.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04



Tgt Ion:284 Resp: 57305
Ion Ratio Lower Upper
284 100
142 36.4 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 9.613 ng

RT: 11.169 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:200 Resp: 43045

Ion Ratio Lower Upper

200 100

173 28.7 7.9 47.9

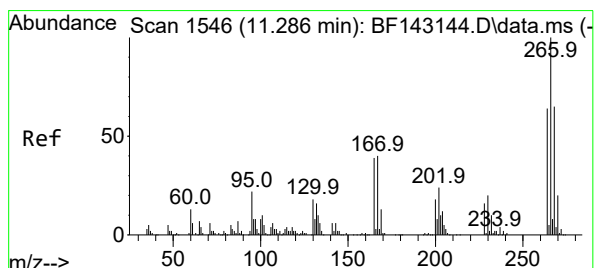
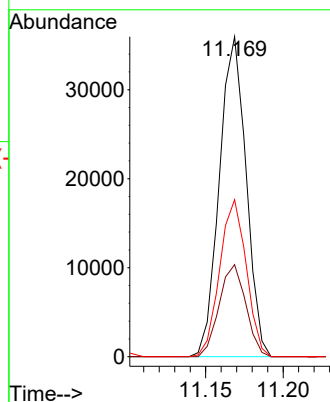
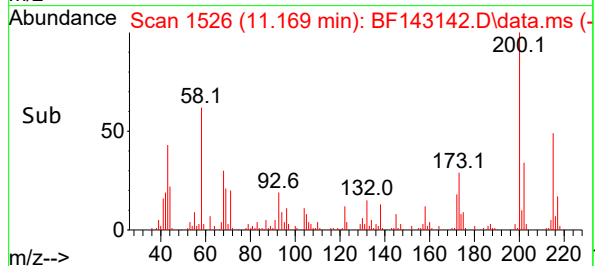
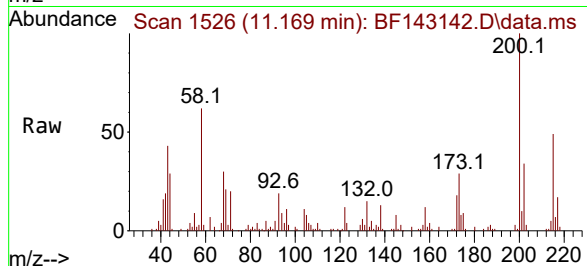
215 49.1 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 8.148 ng

RT: 11.280 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

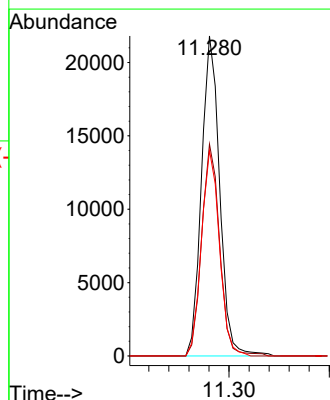
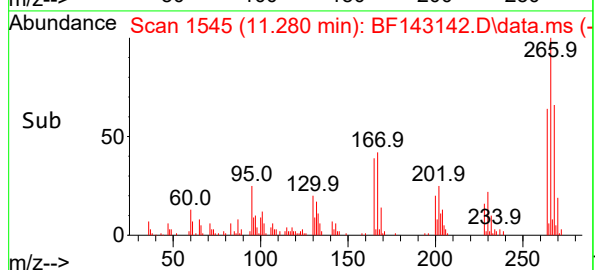
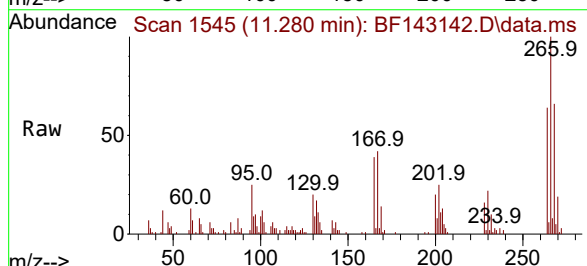
Tgt Ion:266 Resp: 27529

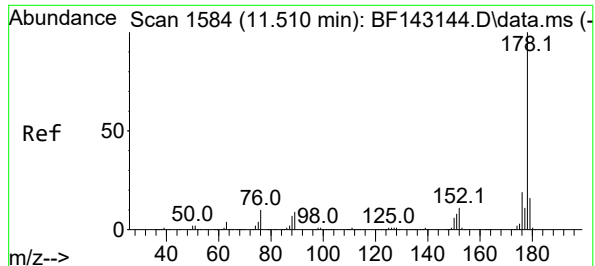
Ion Ratio Lower Upper

266 100

268 66.2 51.9 77.9

264 64.3 51.0 76.6





#71

Phenanthrene

Concen: 10.361 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:178 Resp: 253750

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

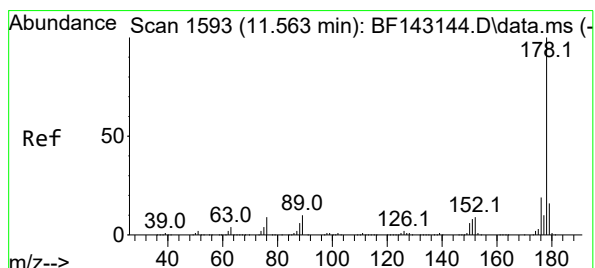
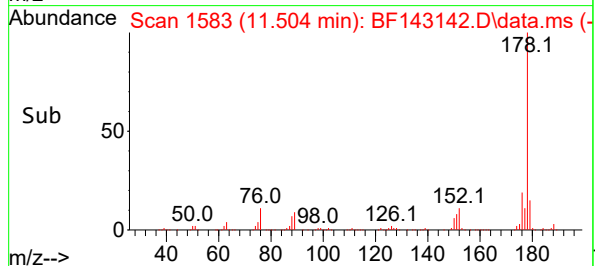
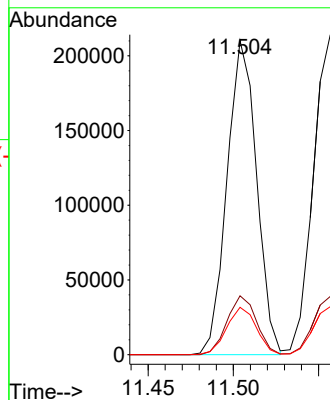
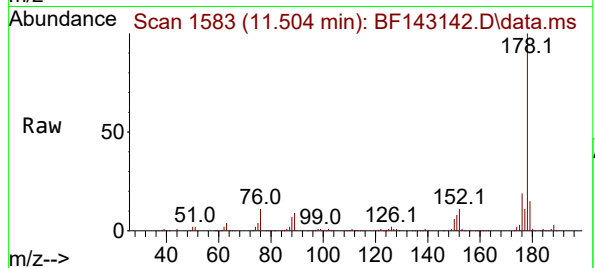
179 15.1 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#72

Anthracene

Concen: 10.487 ng

RT: 11.557 min Scan# 1592

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

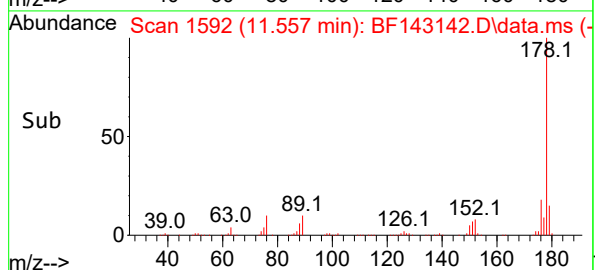
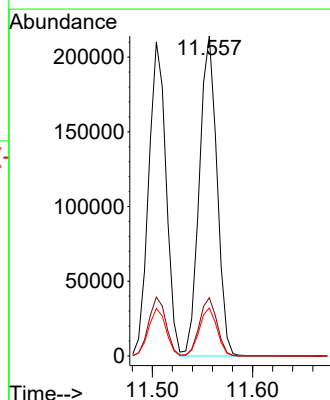
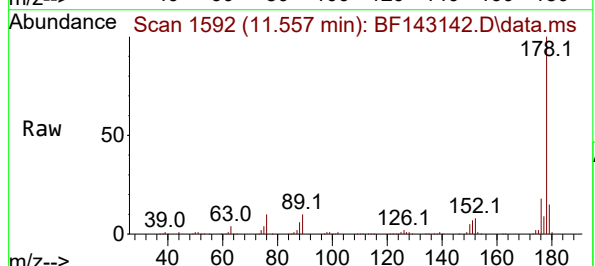
Tgt Ion:178 Resp: 261960

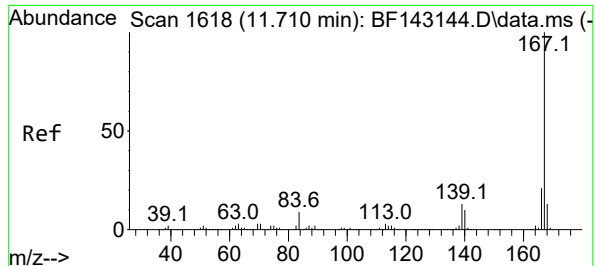
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.4

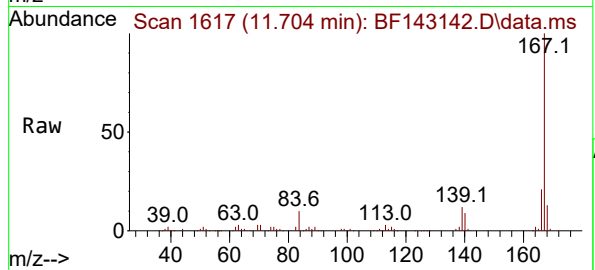
179 15.0 12.5 18.7





#73
Carbazole
Concen: 10.241 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

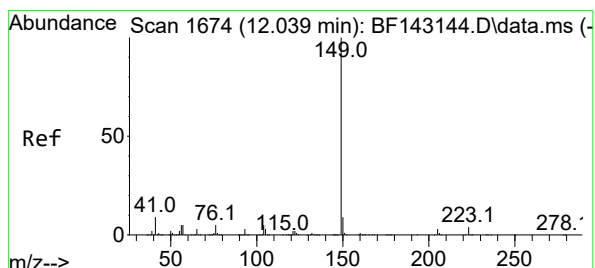
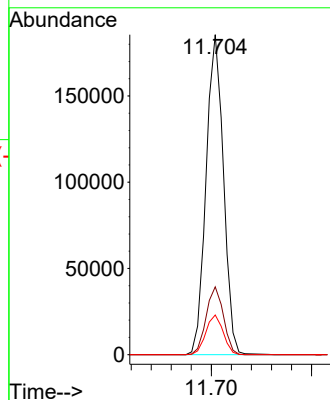
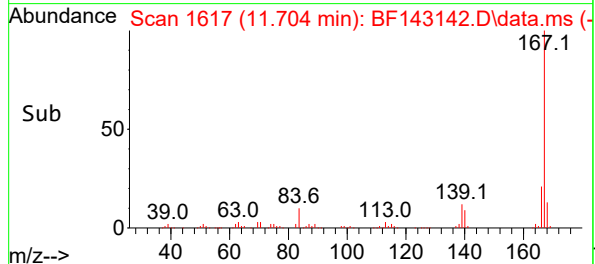
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 223370
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.4 10.0 15.0

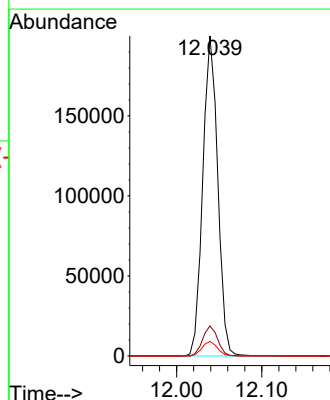
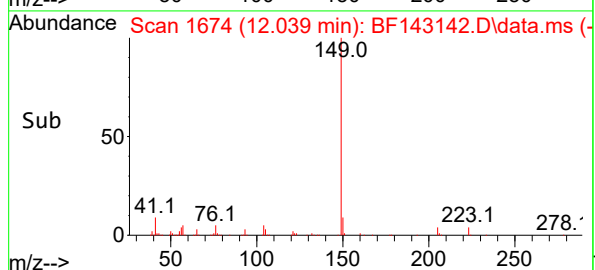
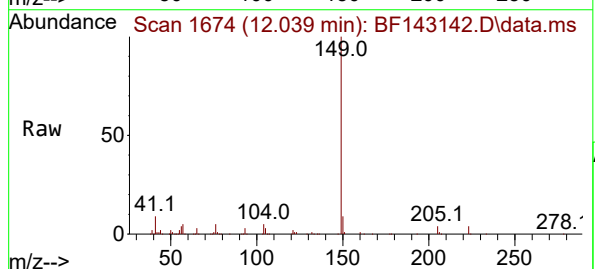
Manual Integrations
APPROVED

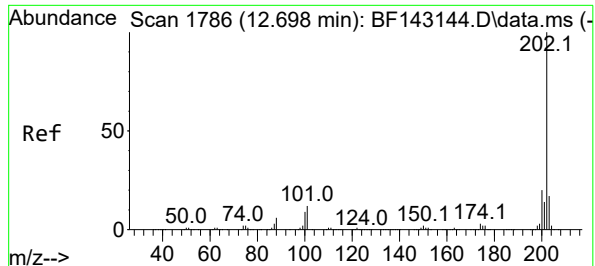
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#74
Di-n-butylphthalate
Concen: 9.852 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

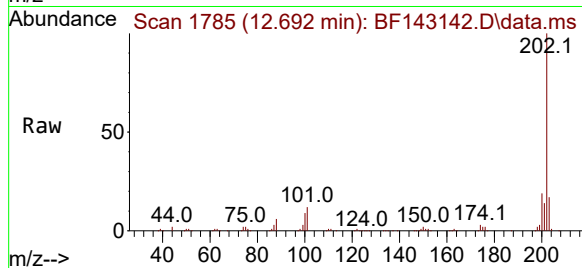
Tgt Ion:149 Resp: 243142
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 10.129 ng
RT: 12.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

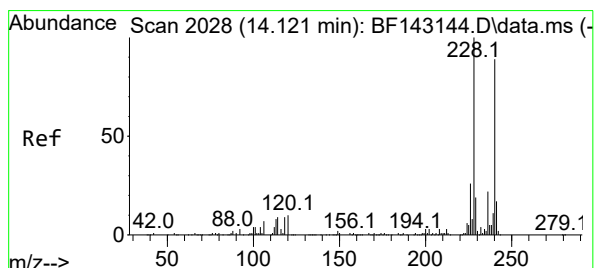
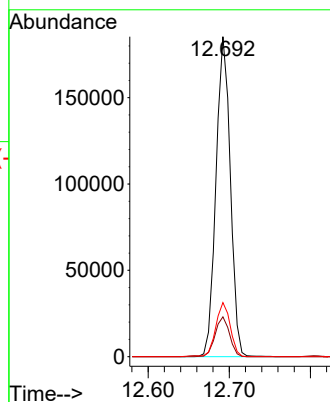
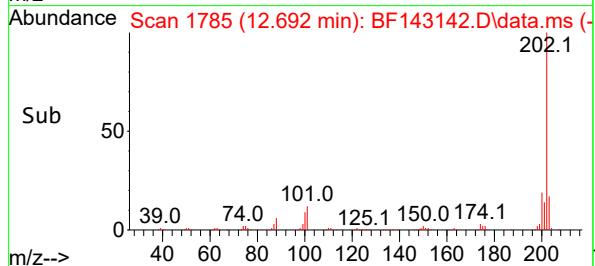
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 22770
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 16.9 0.0 37.4

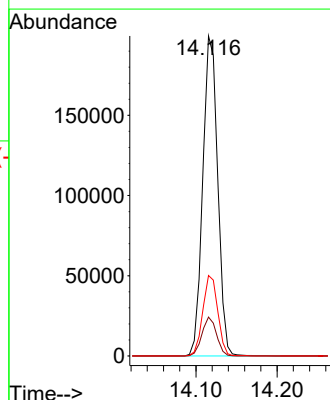
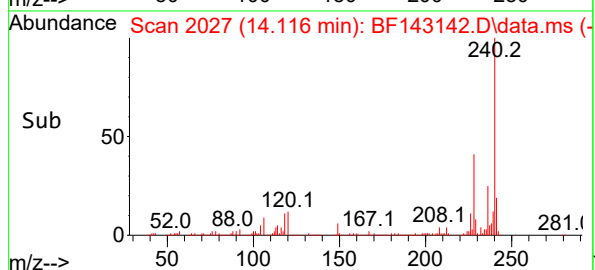
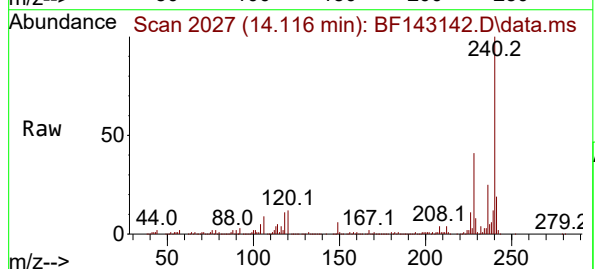
Manual Integrations
APPROVED

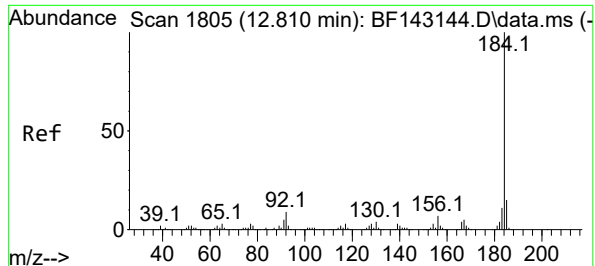
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

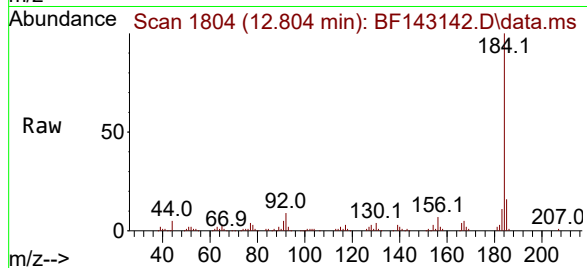
Tgt Ion:240 Resp: 254650
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.1 20.2 30.4





#77
Benzidine
Concen: 9.834 ng
RT: 12.804 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

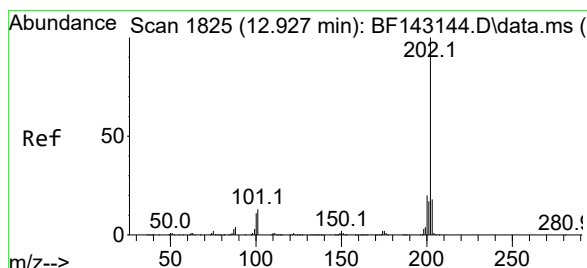
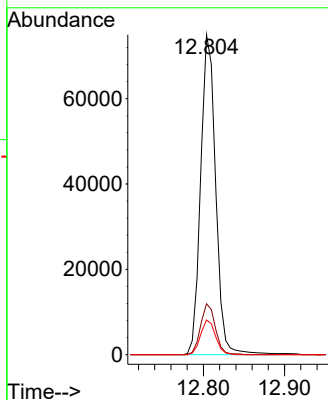
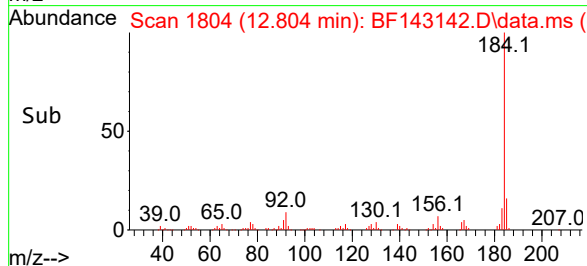
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 96484
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 10.9 9.0 13.4

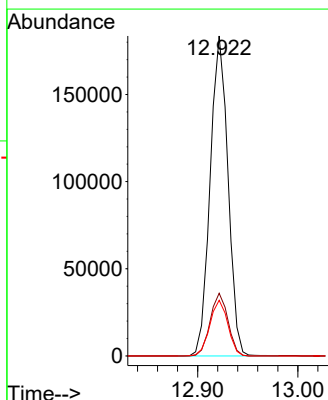
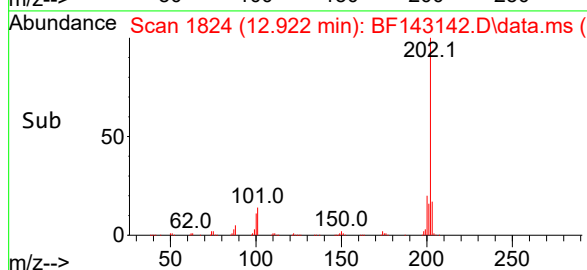
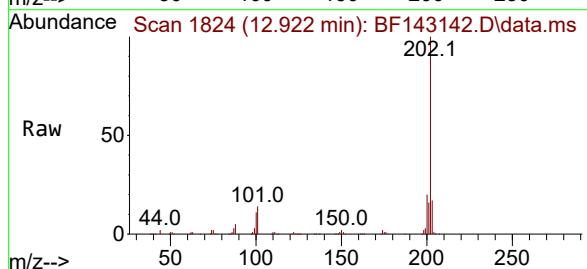
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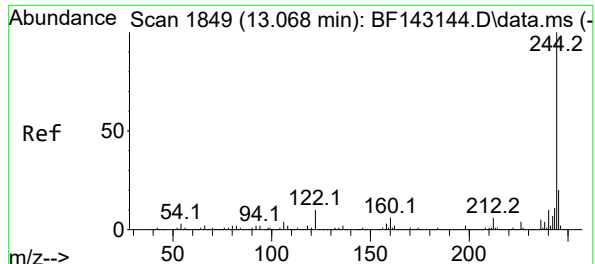
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 10.445 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:202 Resp: 227008
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 21.669 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:244 Resp: 370808

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

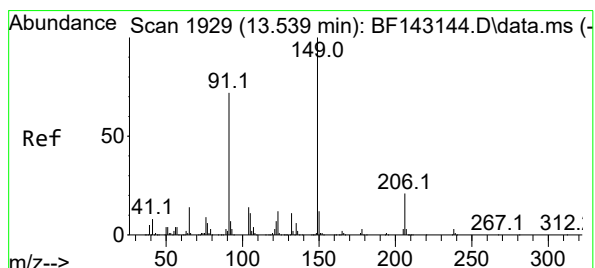
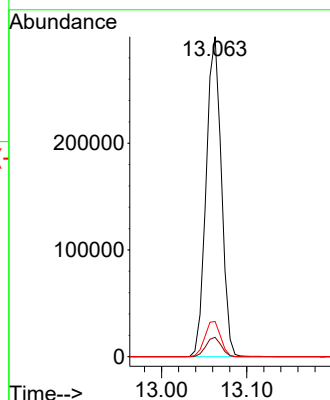
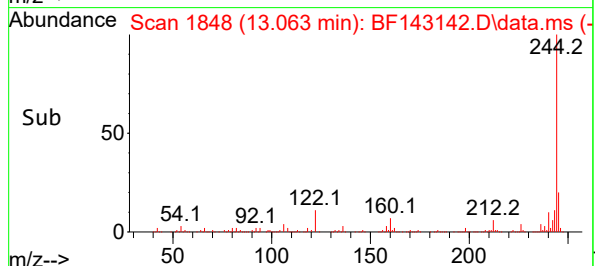
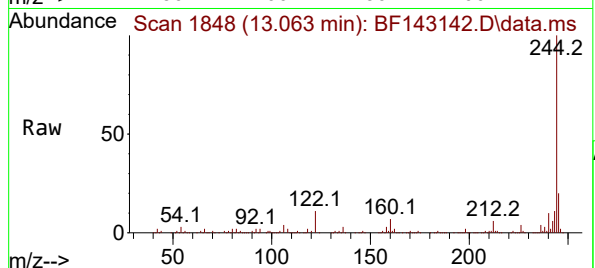
122 11.0 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 9.024 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

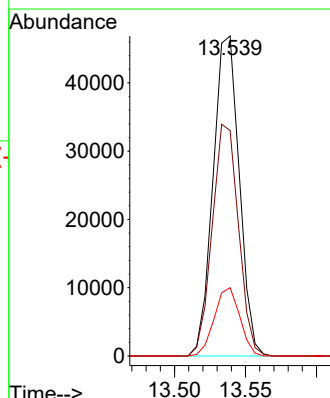
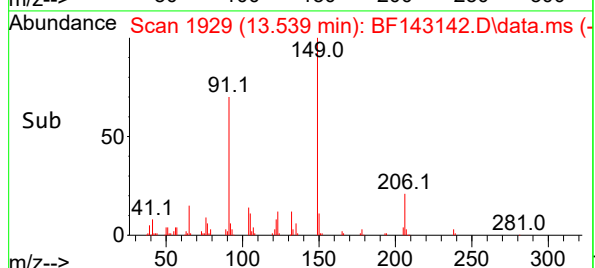
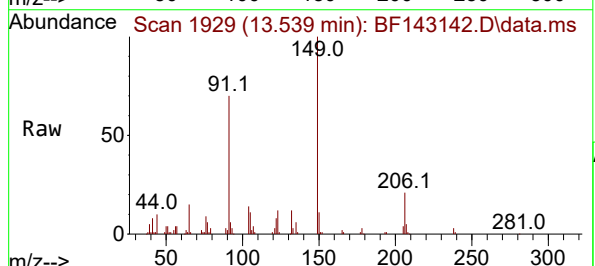
Tgt Ion:149 Resp: 60055

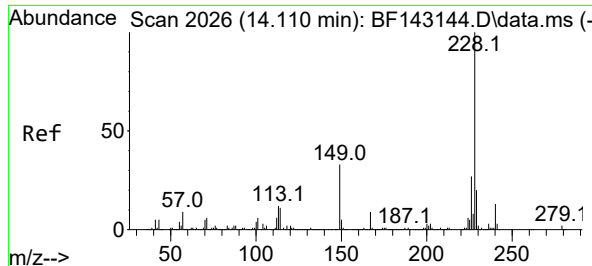
Ion Ratio Lower Upper

149 100

91 70.4 57.9 86.9

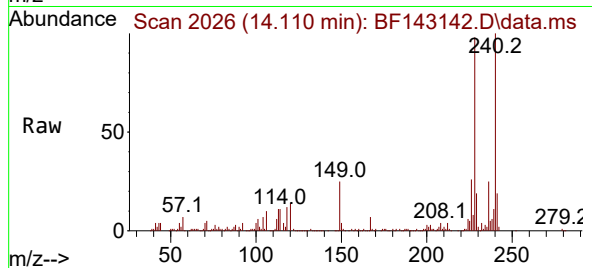
206 21.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 10.207 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

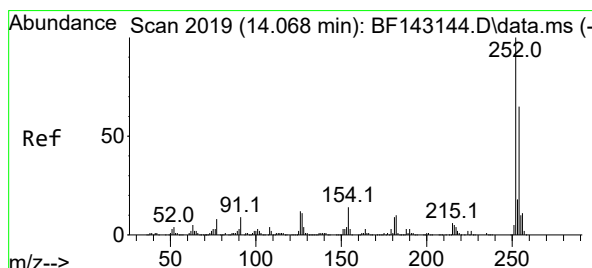
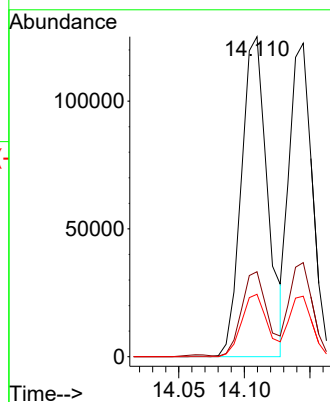
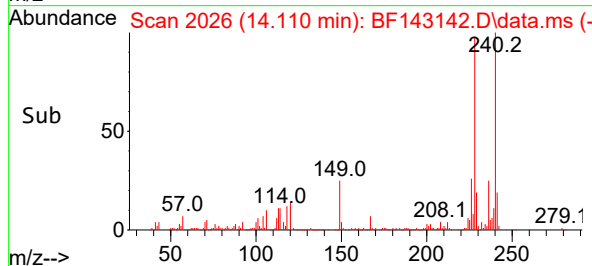
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 174020
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.5 15.8 23.6

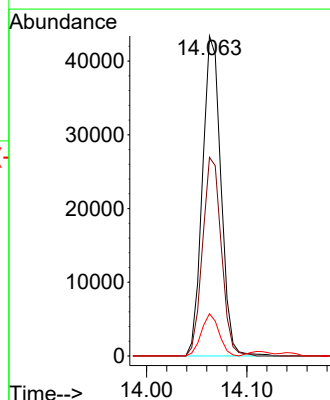
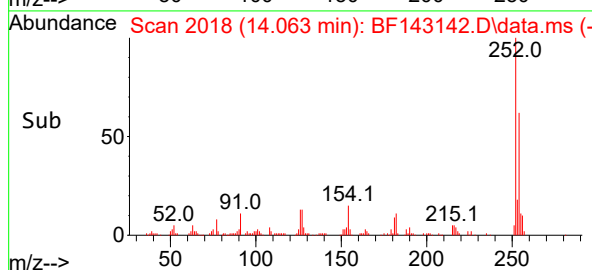
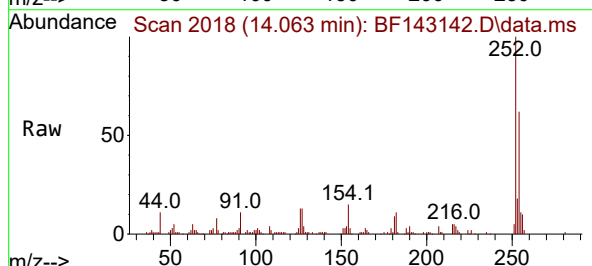
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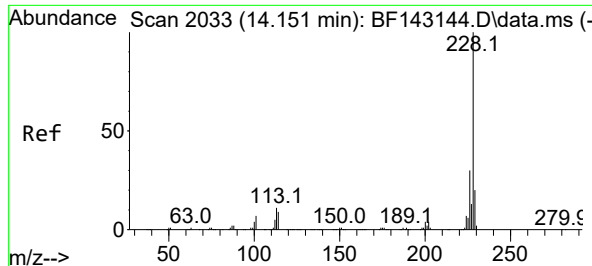
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 9.802 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 55694
Ion Ratio Lower Upper
252 100
254 62.0 51.7 77.5
126 13.2 9.4 14.0





#83

Chrysene

Concen: 9.750 ng

RT: 14.145 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:228 Resp: 14944

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

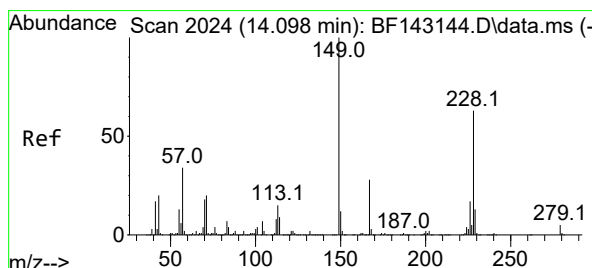
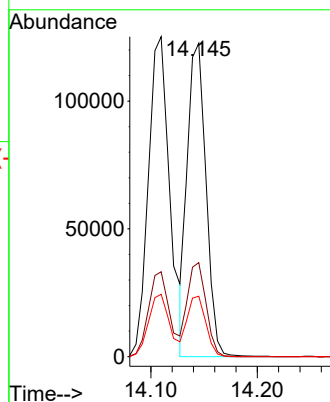
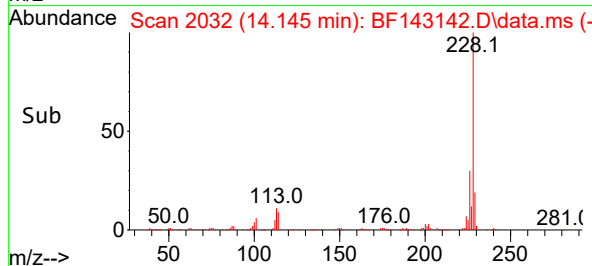
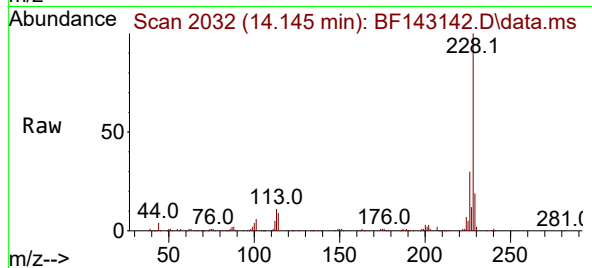
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.549 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

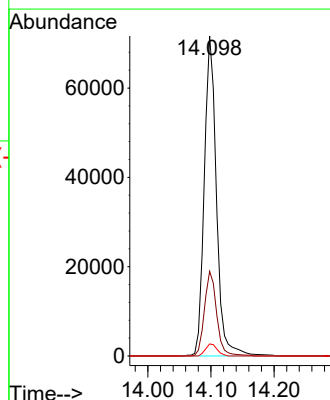
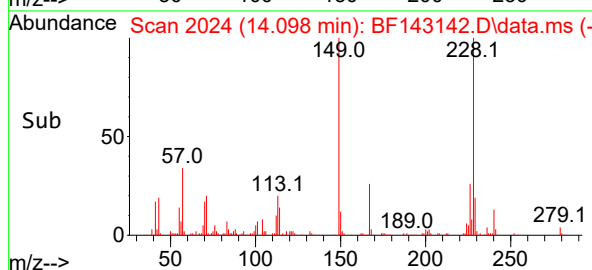
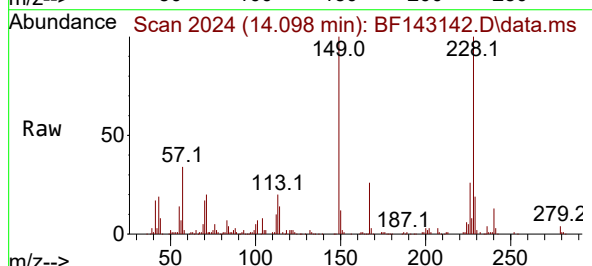
Tgt Ion:149 Resp: 96191

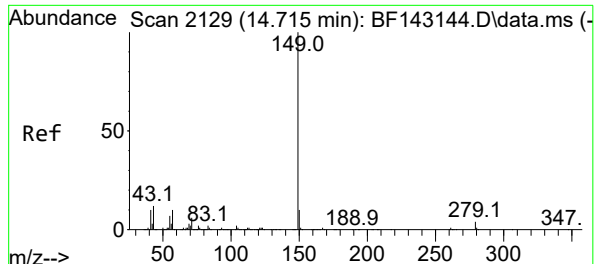
Ion Ratio Lower Upper

149 100

167 26.5 22.3 33.5

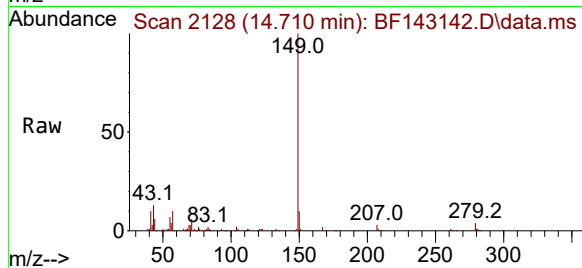
279 3.7 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 8.881 ng
RT: 14.710 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

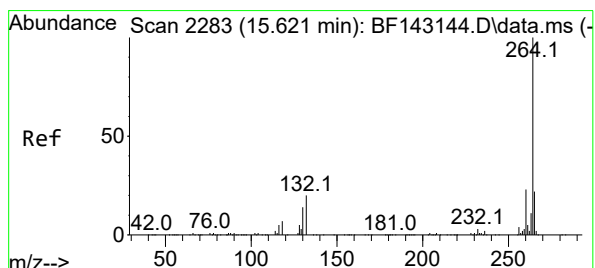
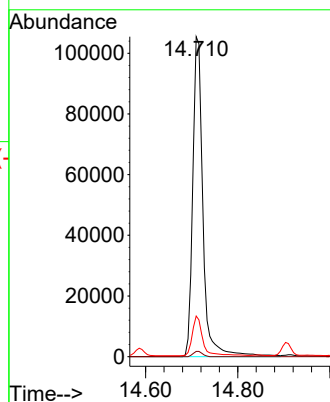
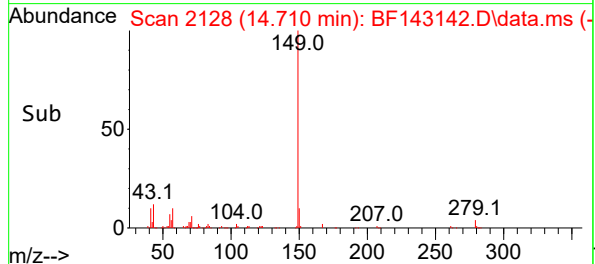
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 162150
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.7 9.7 14.5

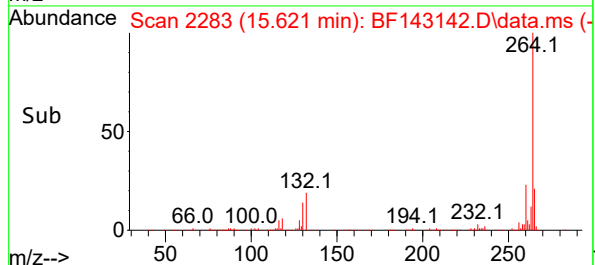
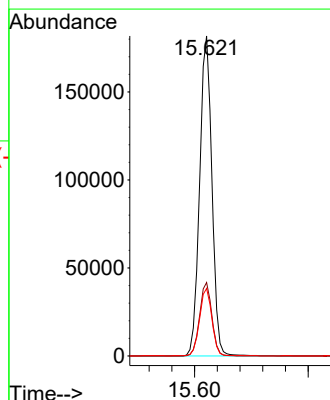
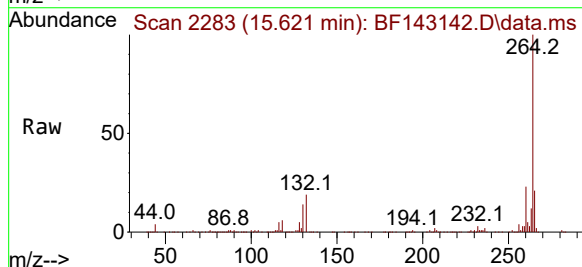
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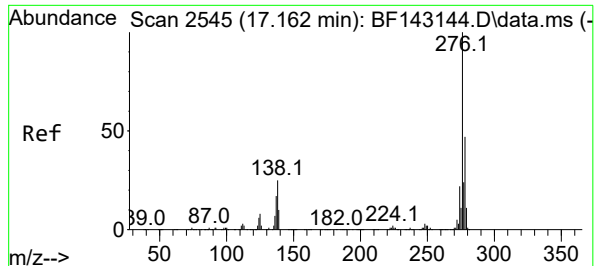
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

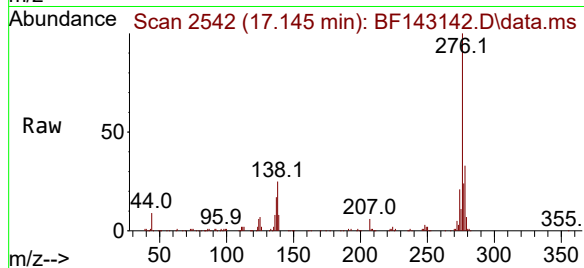
Tgt Ion:264 Resp: 273706
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.1 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.475 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

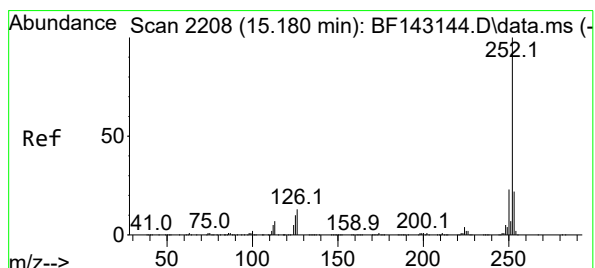
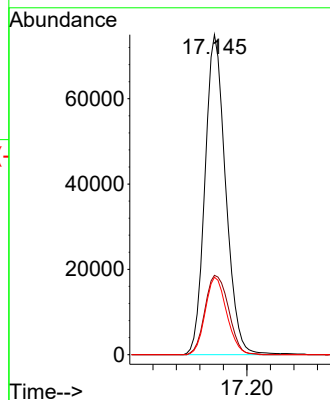
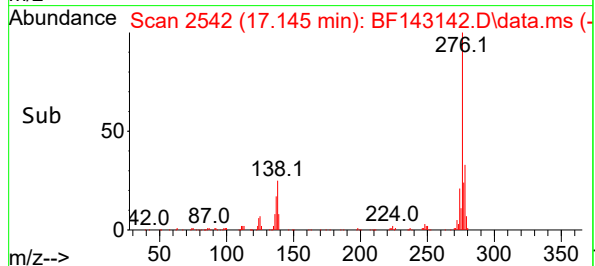
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 182869
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.6
277 25.1 20.0 30.0

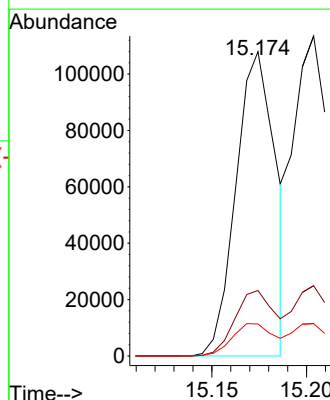
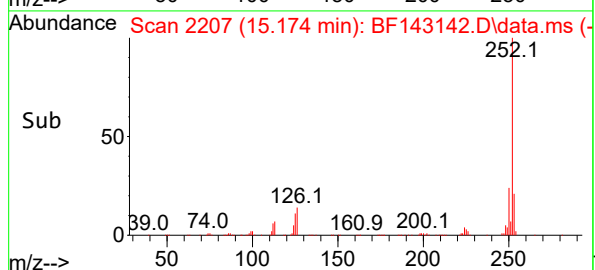
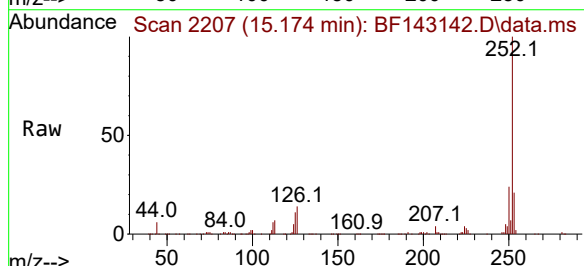
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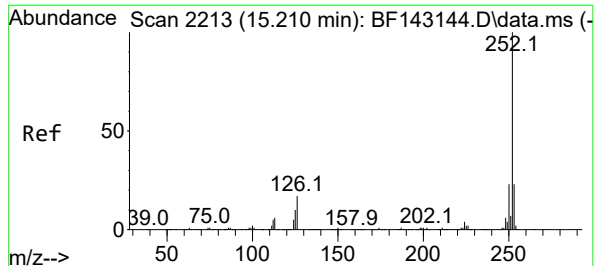
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 9.296 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:252 Resp: 155430
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 10.567 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 15766

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

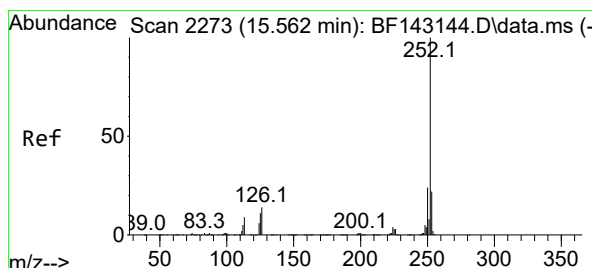
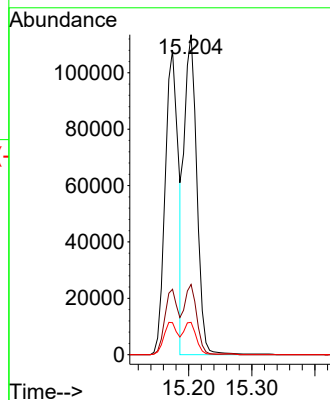
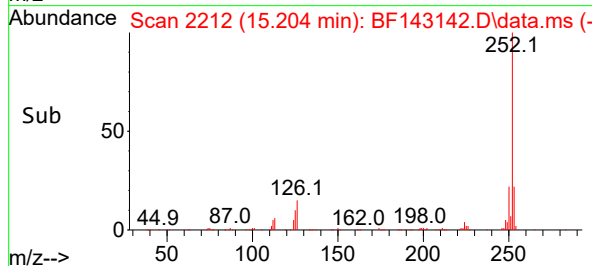
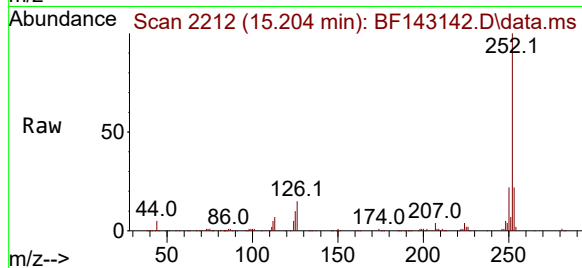
125 10.1 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 9.792 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF143142.D

Acq: 17 Jul 2025 12:04

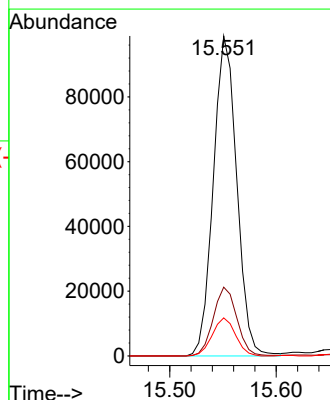
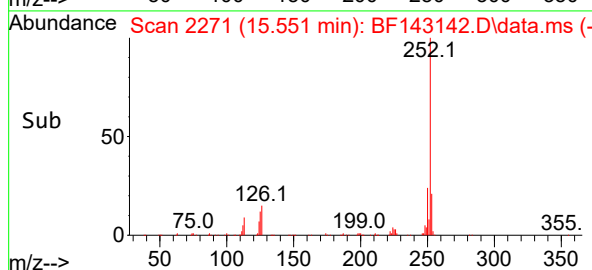
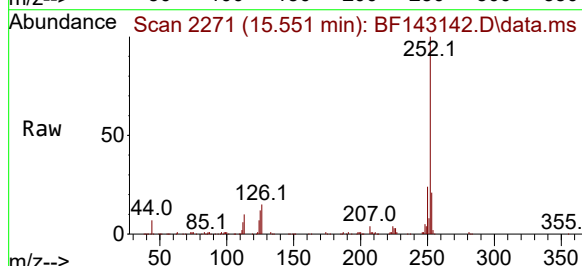
Tgt Ion:252 Resp: 150853

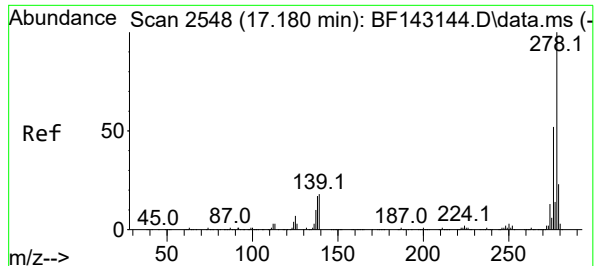
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 11.9 8.6 13.0





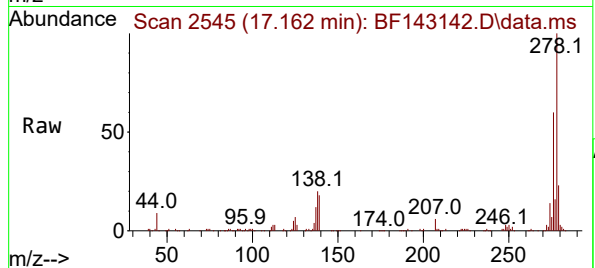
#91
Dibenzo(a,h)anthracene
Concen: 9.611 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

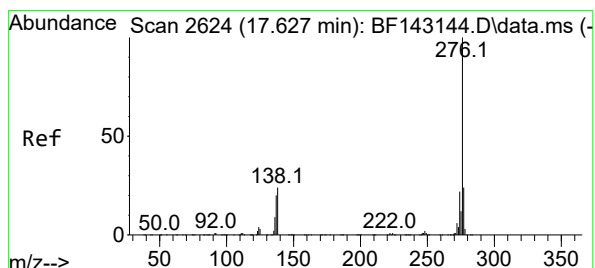
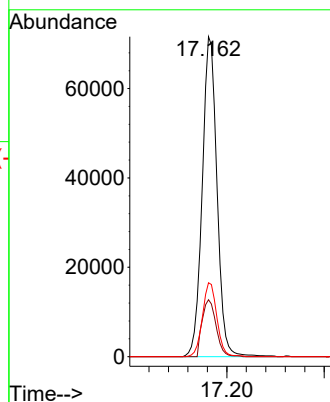
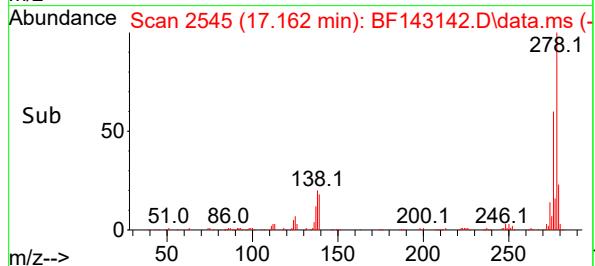


Tgt Ion:278 Resp: 15097
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.1 18.6 28.0

Manual Integrations

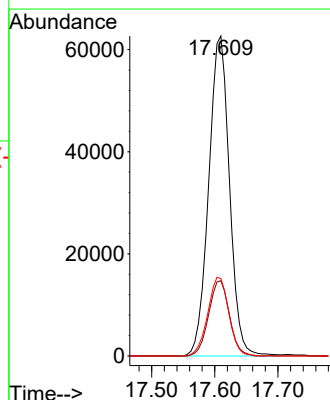
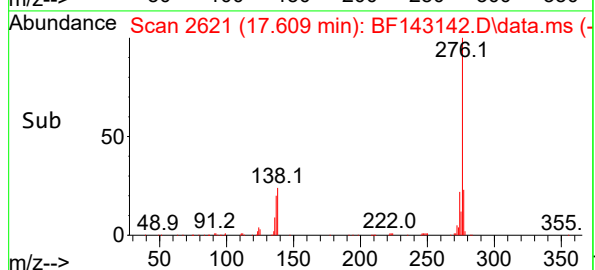
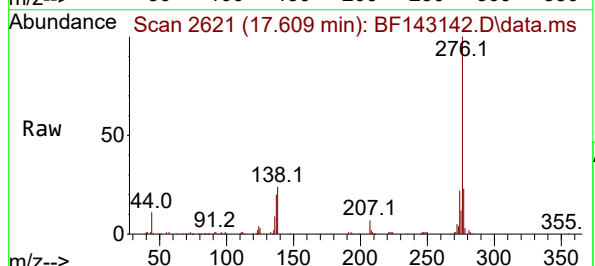
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 9.433 ng
RT: 17.609 min Scan# 2621
Delta R.T. -0.018 min
Lab File: BF143142.D
Acq: 17 Jul 2025 12:04

Tgt Ion:276 Resp: 143342
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 24.2 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143143.D
 Acq On : 17 Jul 2025 12:34
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng	0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng	0.00
86) Perylene-d12	15.621	264	338518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	444546	41.752	ng	0.00
7) Phenol-d6	6.575	99	558427	41.668	ng	-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng	0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng	99
3) Pyridine	3.581	79	261405	19.990	ng	99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng	99
6) Aniline	6.622	93	382991	20.505	ng	99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng	98
9) Benzaldehyde	6.510	77	196003	19.504	ng	98
10) Phenol	6.593	94	299259m	20.497	ng	
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng	98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng	99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng	100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng	99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng	100
17) 2-Methylphenol	7.198	107	192172	20.479	ng	99
18) Hexachloroethane	7.481	117	88036	20.828	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng	97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng	96
22) Acetophenone	7.363	105	321774	21.151	ng	# 99
24) Nitrobenzene	7.534	77	249251	20.739	ng	98
25) Isophorone	7.775	82	457146	20.088	ng	99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng	98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng	100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng	98
31) Naphthalene	8.263	128	662968	20.949	ng	100
32) Benzoic acid	7.957	122	95515m	19.382	ng	
33) 4-Chloroaniline	8.304	127	269101	20.825	ng	99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng	98
35) Caprolactam	8.651	113	53950	19.911	ng	95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng	99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng	100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng	99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143143.D
 Acq On : 17 Jul 2025 12:34
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

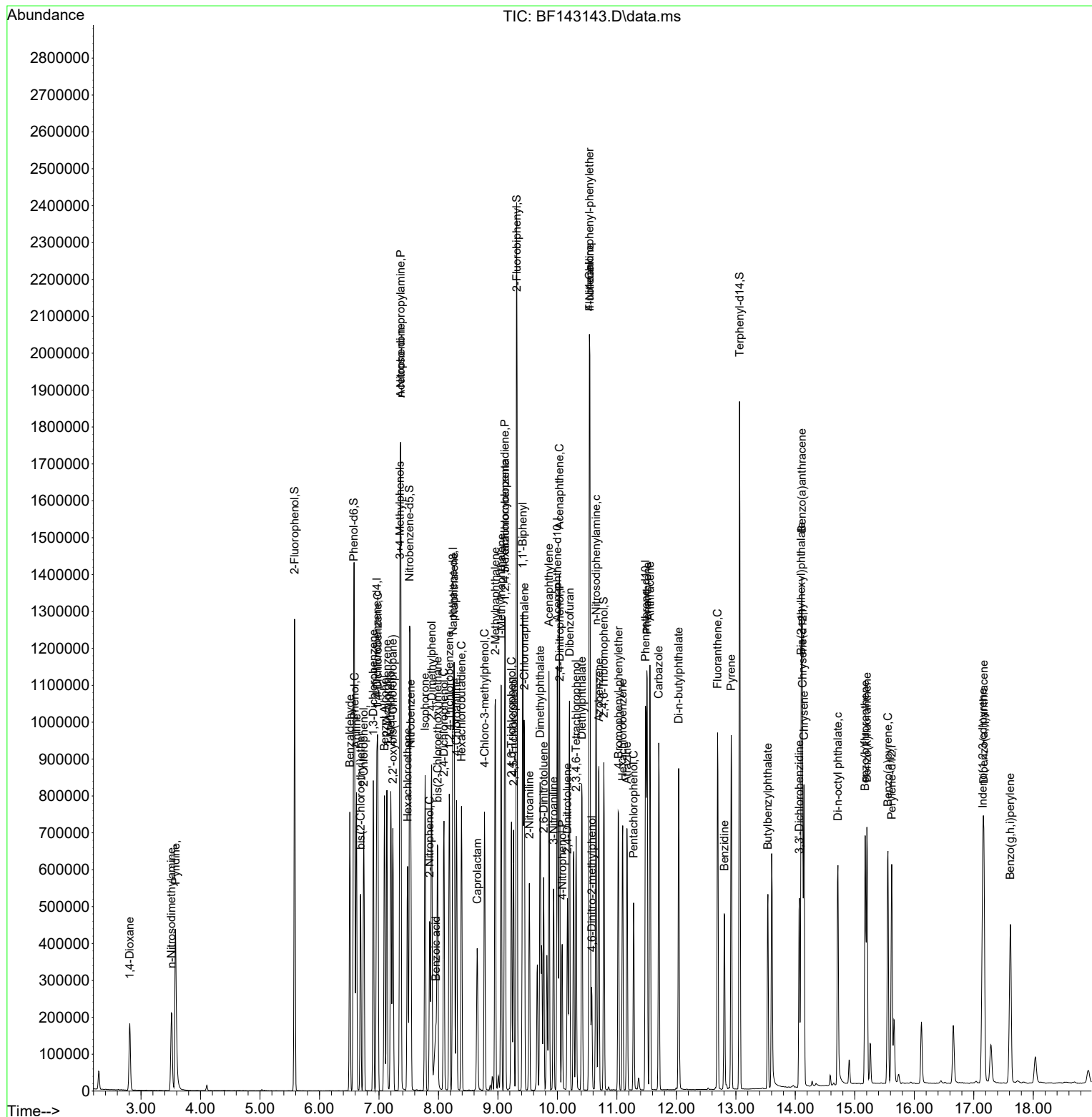
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng	99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng	100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng	99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng	99
49) Acenaphthylene	9.857	152	663048	20.789	ng	100
50) Dimethylphthalate	9.710	163	441768	20.558	ng	100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng	97
52) Acenaphthene	10.033	154	390249	20.702	ng	99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng	94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng #	1
55) Dibenzofuran	10.204	168	582320	20.806	ng	98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng	99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng	99
58) Fluorene	10.545	166	435866	20.750	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng	100
60) Diethylphthalate	10.410	149	440058	20.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng	99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng	99
63) Azobenzene	10.698	77	458013	20.690	ng	99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng	95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng	99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng	99
69) Atrazine	11.169	200	105386	20.370	ng	99
70) Pentachlorophenol	11.280	266	77906	19.957	ng	99
71) Phenanthrene	11.510	178	595411	21.042	ng	99
72) Anthracene	11.557	178	604416	20.944	ng	99
73) Carbazole	11.704	167	523365	20.769	ng	100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng	100
75) Fluoranthene	12.692	202	542662	20.894	ng	99
77) Benzidine	12.810	184	257904	21.919	ng	99
78) Pyrene	12.922	202	544650	20.897	ng	99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng	99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng	100
83) Chrysene	14.145	228	380799	20.714	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng	99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng	99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng	99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng	99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng	100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng	99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng	99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng	99

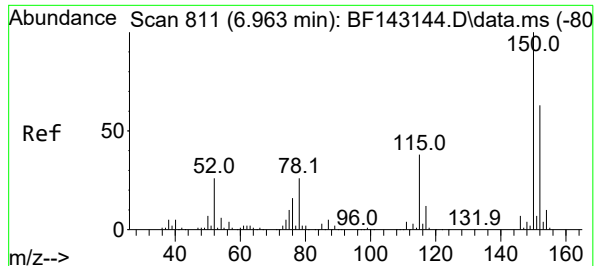
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

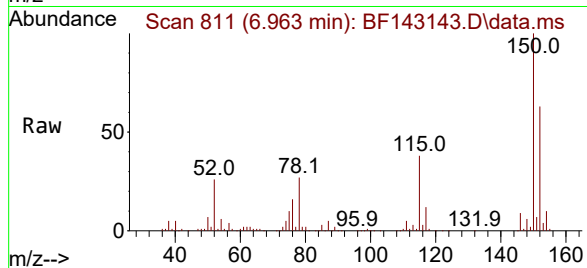
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

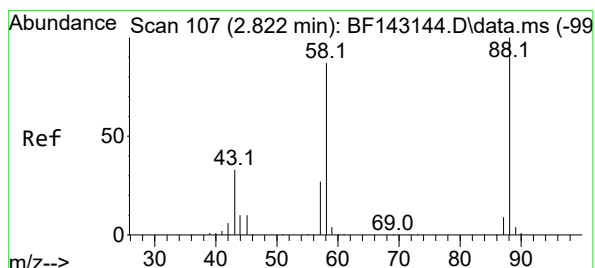
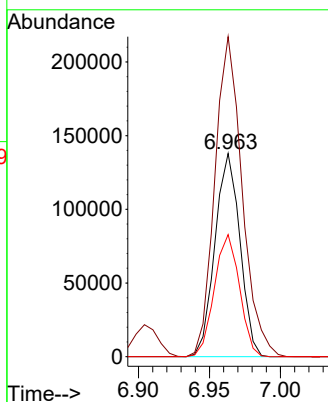
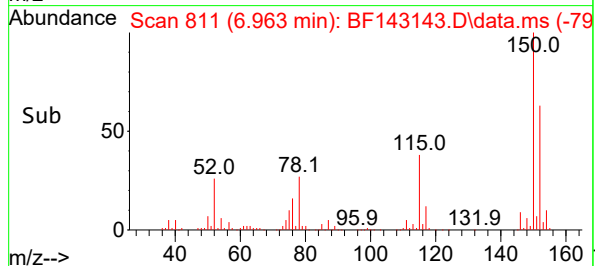
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 16849
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 60.1 47.9 71.9

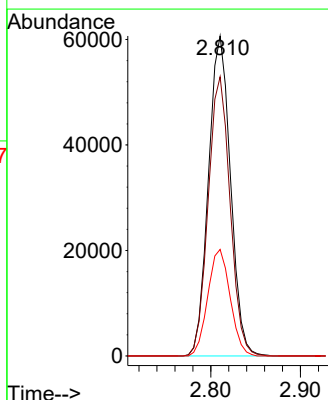
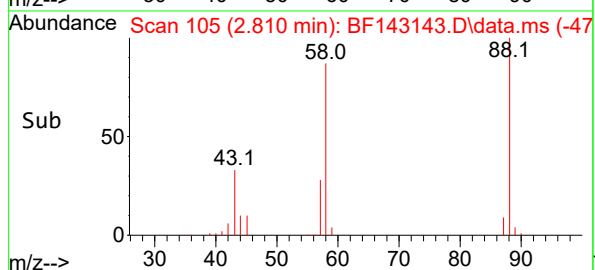
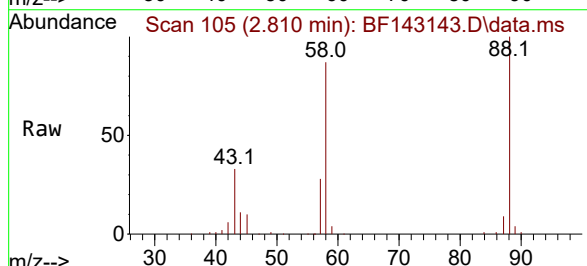
Manual Integrations
APPROVED

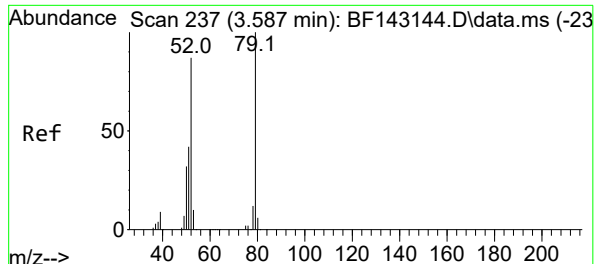
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 20.540 ng
RT: 2.810 min Scan# 105
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 88 Resp: 103481
Ion Ratio Lower Upper
88 100
58 86.7 70.2 105.2
43 33.8 27.1 40.7





#3

Pyridine

Concen: 19.990 ng

RT: 3.581 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 26140

Ion Ratio Lower Upper

79 100

52 85.9 69.4 104.2

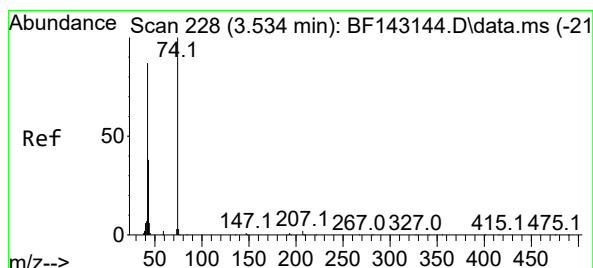
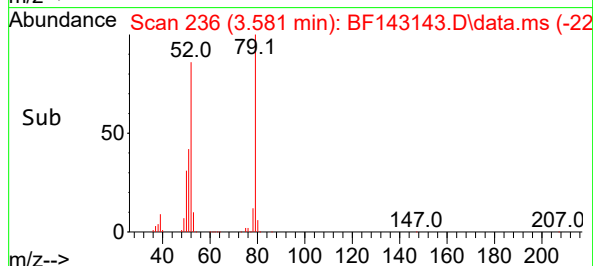
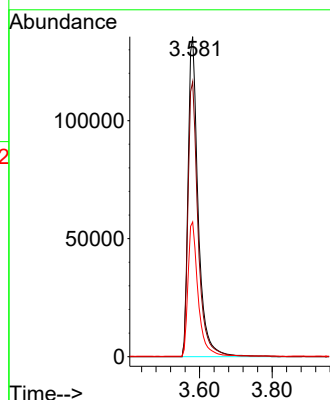
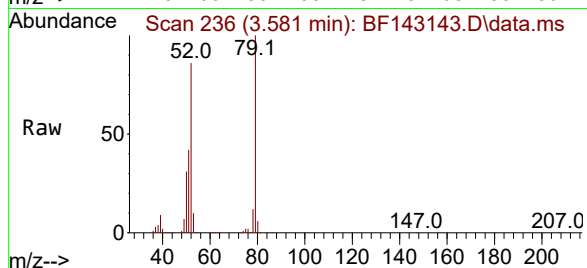
51 42.1 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 19.942 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.023 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

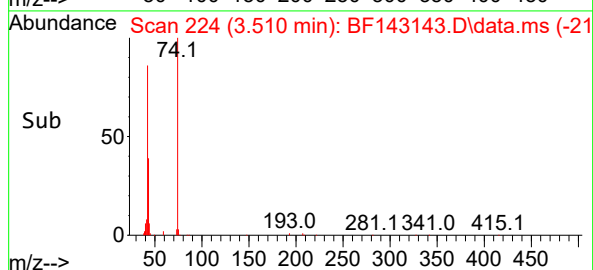
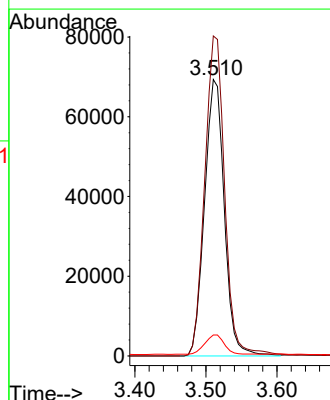
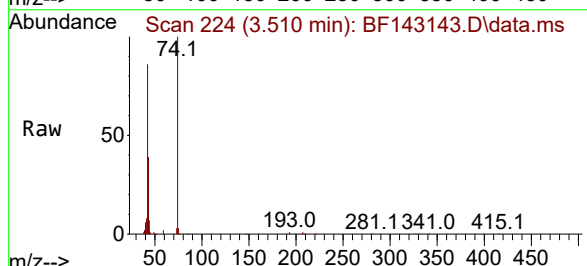
Tgt Ion: 42 Resp: 134638

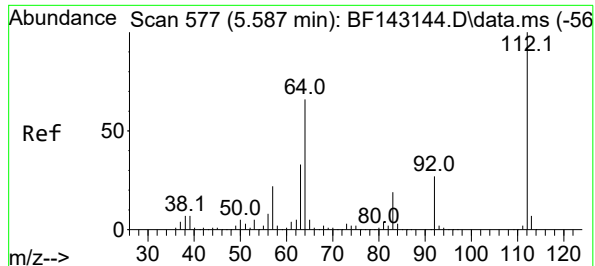
Ion Ratio Lower Upper

42 100

74 115.7 91.7 137.5

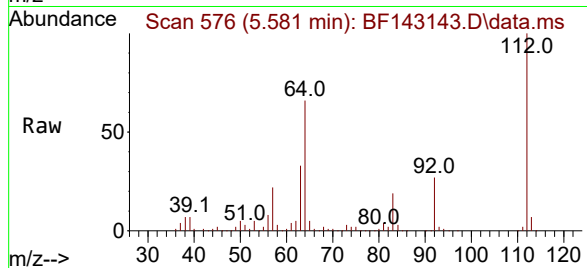
44 7.6 5.6 8.4





#5
2-Fluorophenol
Concen: 41.752 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

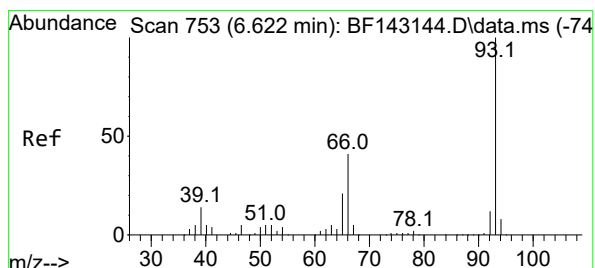
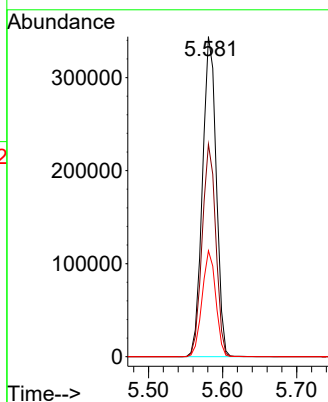
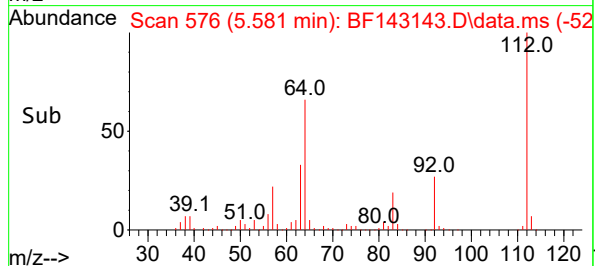
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 444540
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.1 26.6 40.0

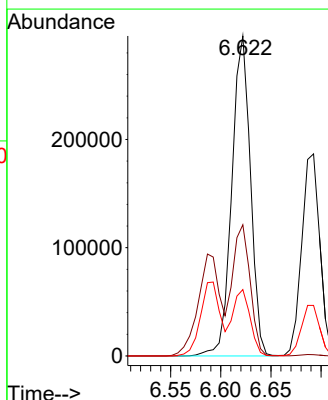
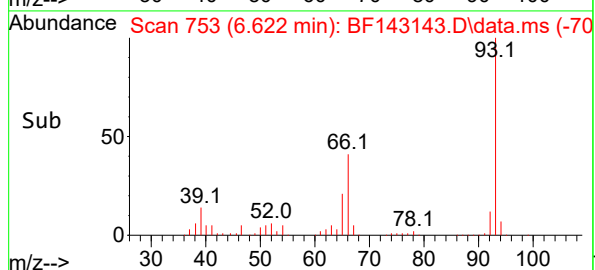
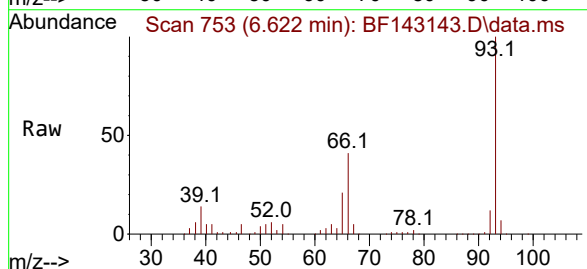
Manual Integrations
APPROVED

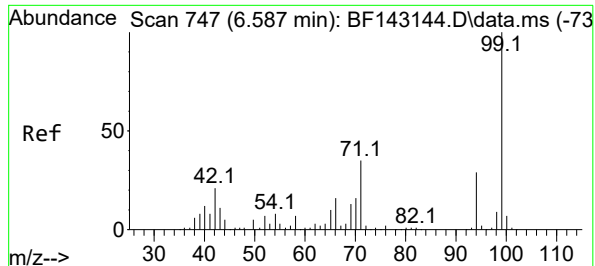
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 20.505 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

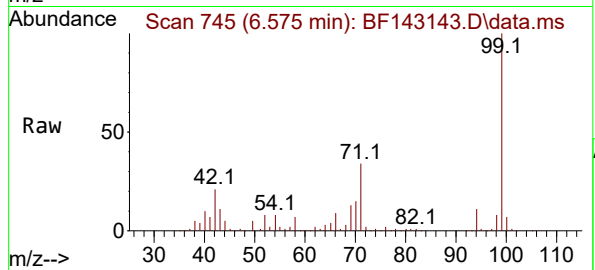
Tgt Ion: 93 Resp: 382991
Ion Ratio Lower Upper
93 100
66 41.0 33.2 49.8
65 20.7 16.9 25.3





#7
Phenol-d6
Concen: 41.668 ng
RT: 6.575 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

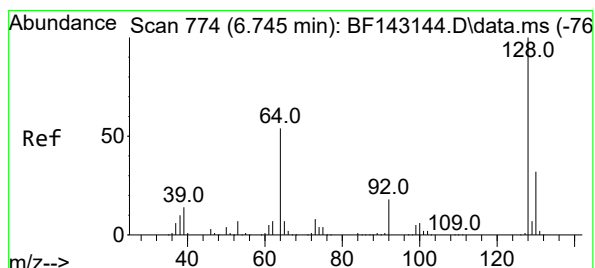
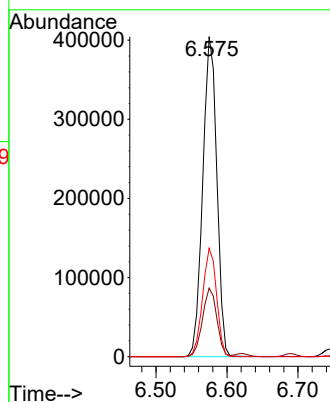
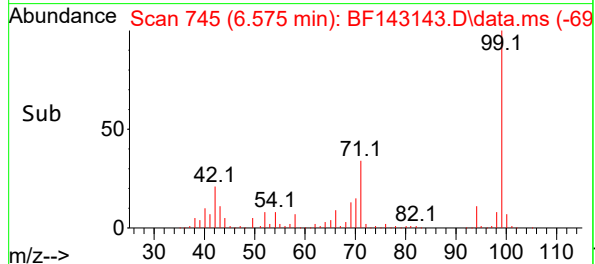
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 55842
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 33.9 27.7 41.5

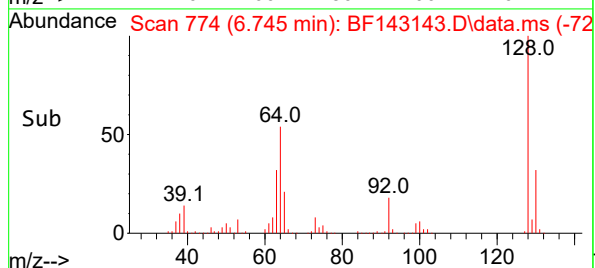
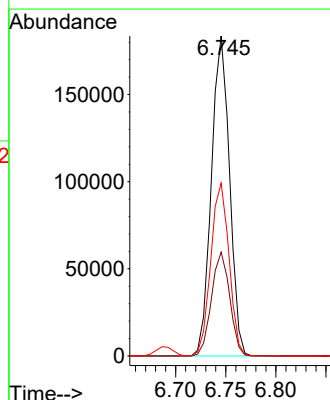
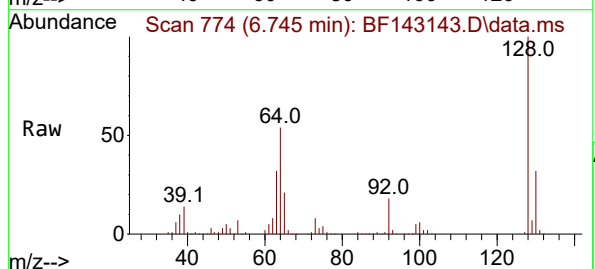
Manual Integrations
APPROVED

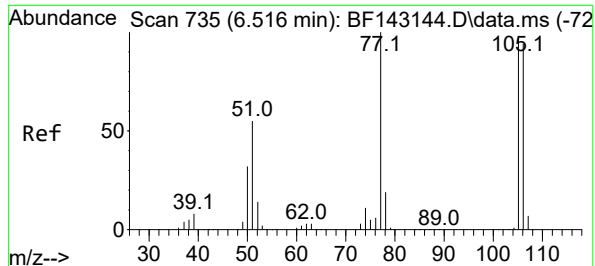
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 20.702 ng
RT: 6.745 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:128 Resp: 231044
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 54.0 35.9 75.9





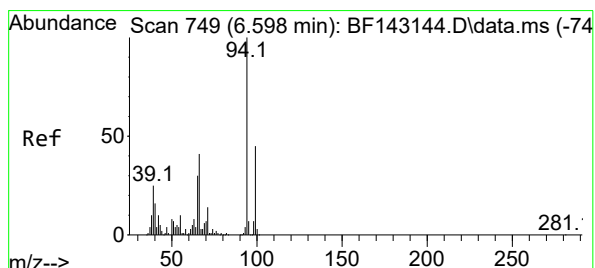
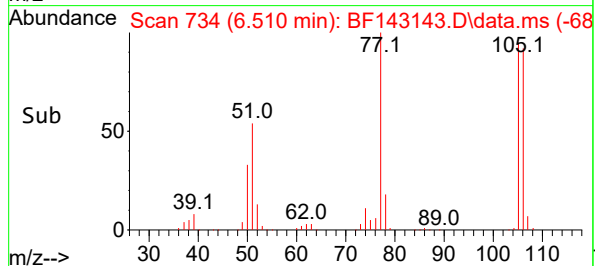
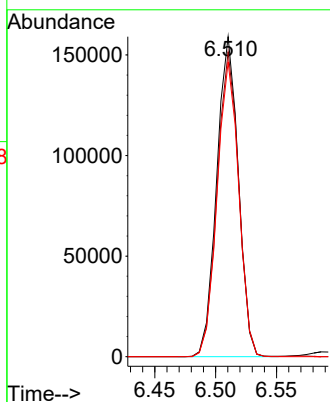
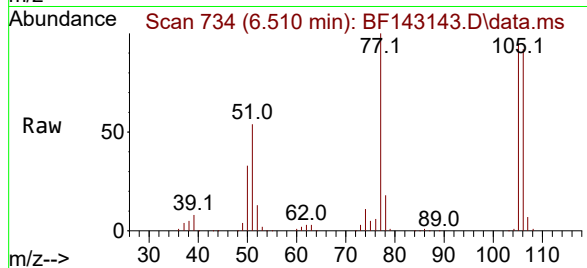
#9
Benzaldehyde
Concen: 19.504 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 19600
Ion Ratio Lower Upper
77 100
105 95.3 76.8 116.8
106 92.0 74.4 114.4

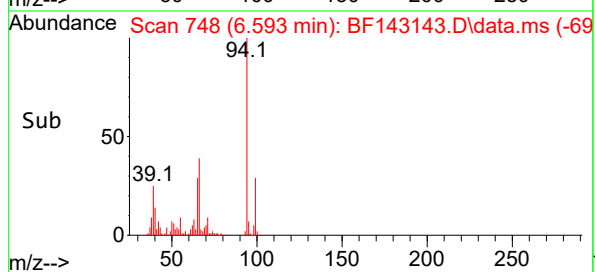
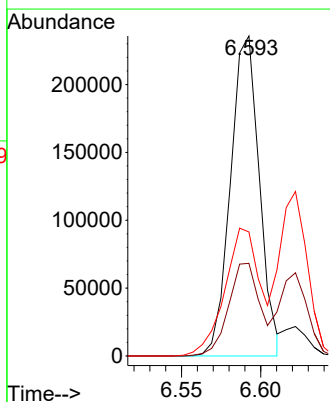
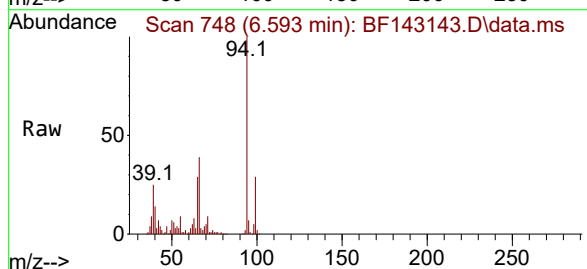
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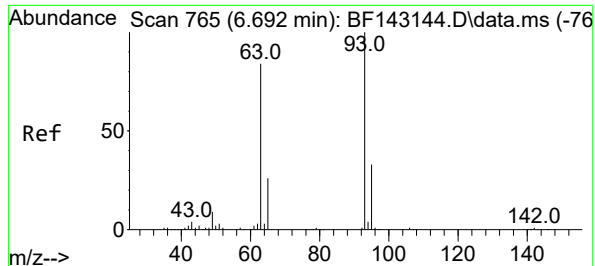
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#10
Phenol
Concen: 20.497 ng m
RT: 6.593 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 94 Resp: 299259
Ion Ratio Lower Upper
94 100
65 29.0 10.0 50.0
66 38.8 20.8 60.8





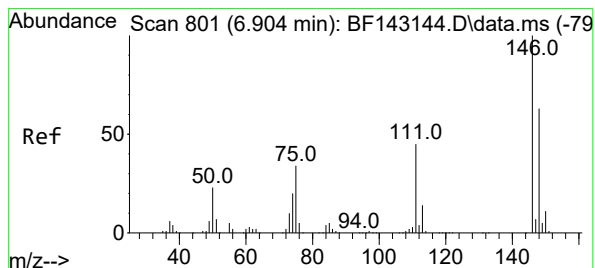
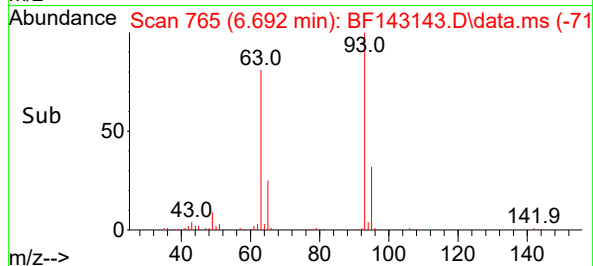
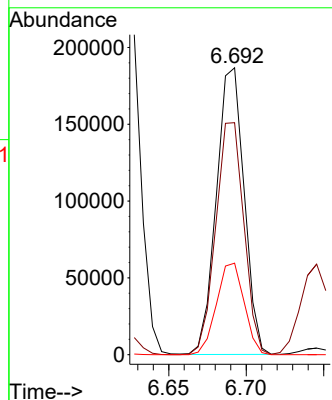
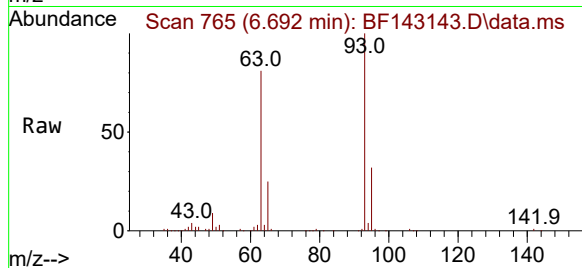
#11
bis(2-Chloroethyl)ether
Concen: 20.792 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 232425
Ion Ratio Lower Upper
93 100
63 80.9 63.4 103.4
95 31.9 12.4 52.4

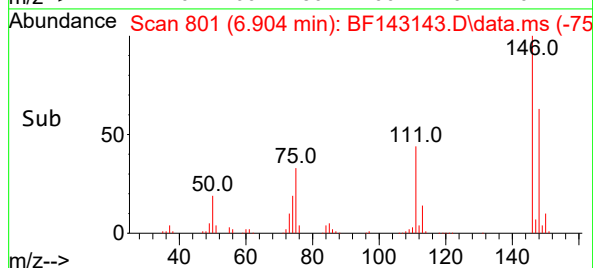
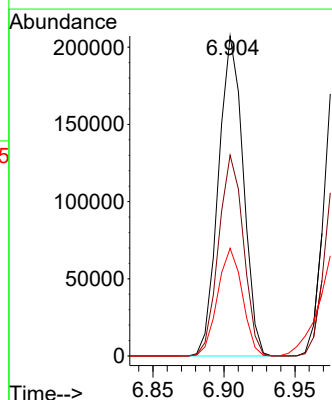
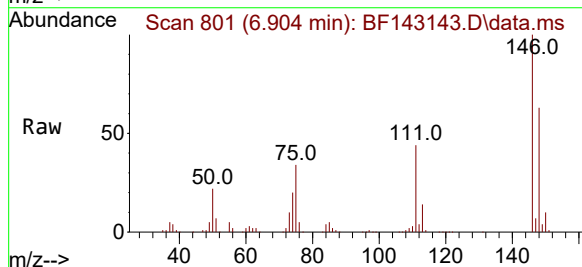
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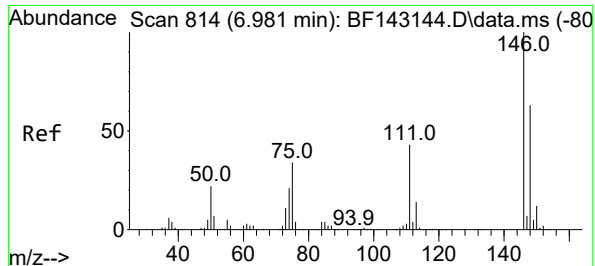
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 20.763 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:146 Resp: 251734
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 20.733 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 253137

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

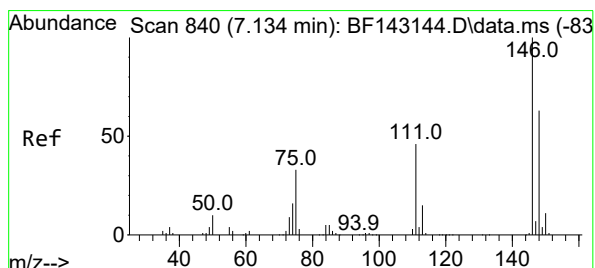
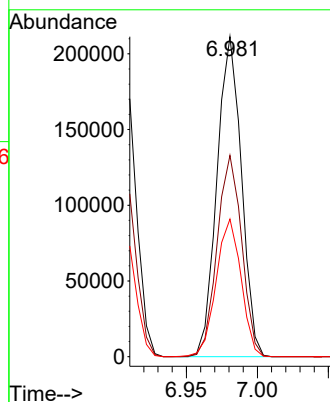
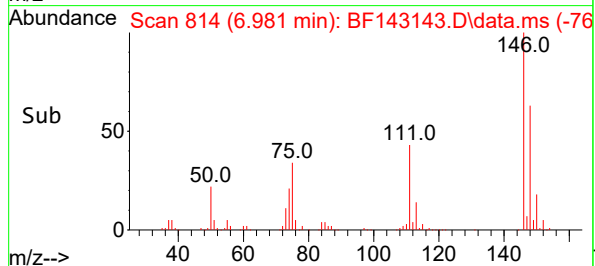
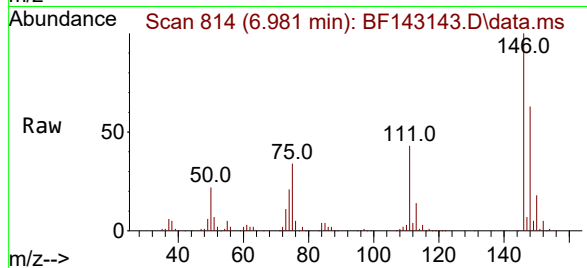
111 43.0 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 20.963 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

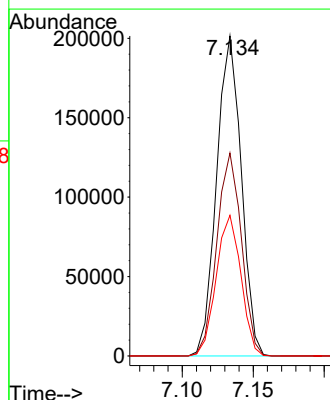
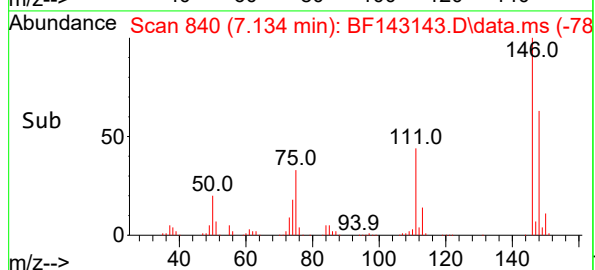
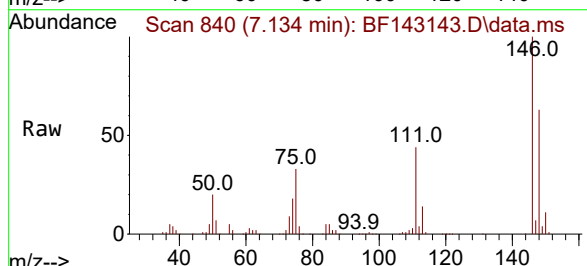
Tgt Ion:146 Resp: 243437

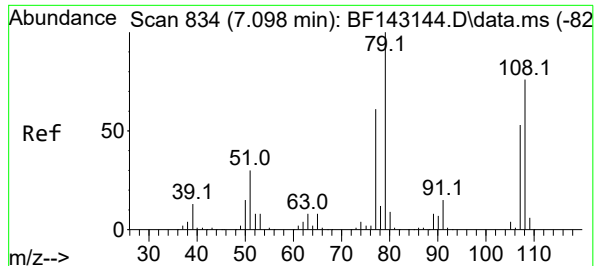
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 44.0 36.6 54.8





#15

Benzyl Alcohol

Concen: 20.524 ng

RT: 7.092 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 210010

Ion Ratio Lower Upper

79 100

108 75.0 61.1 91.7

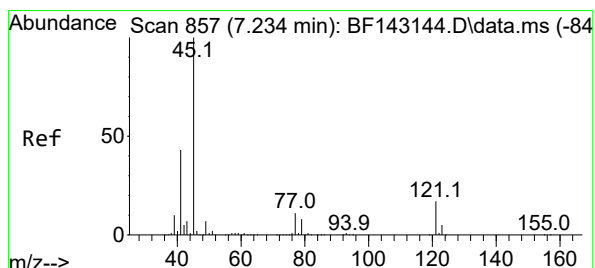
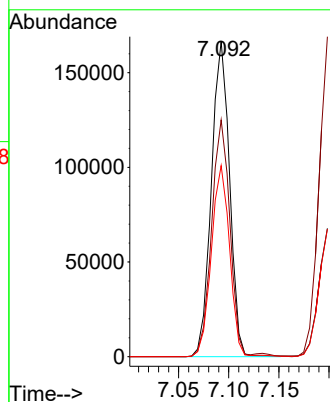
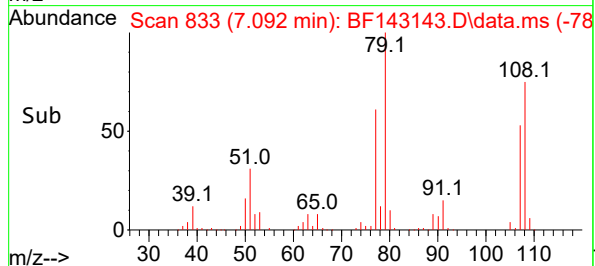
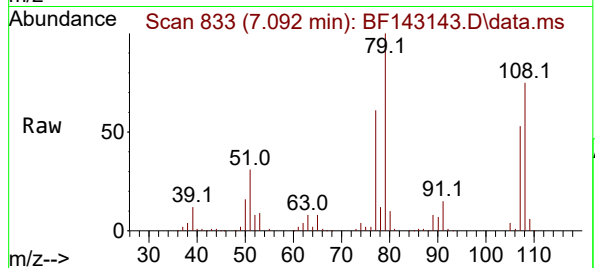
77 60.5 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.680 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

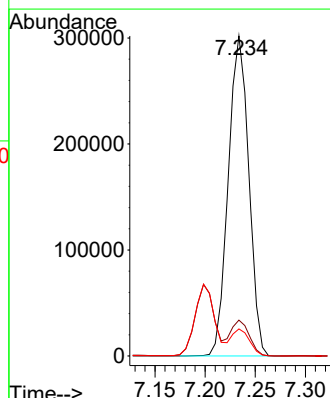
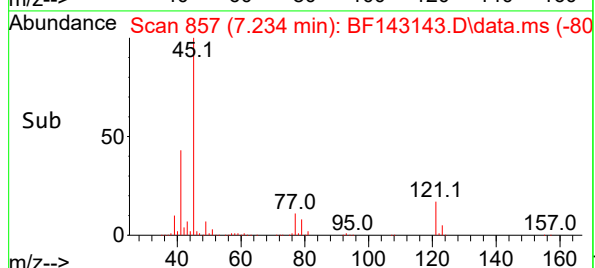
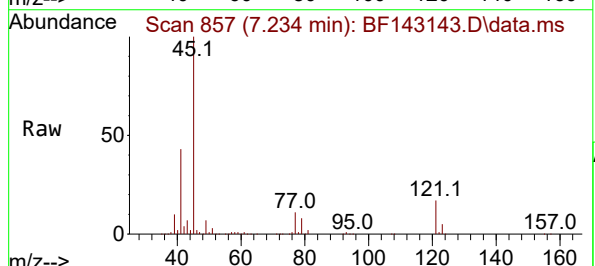
Tgt Ion: 45 Resp: 428827

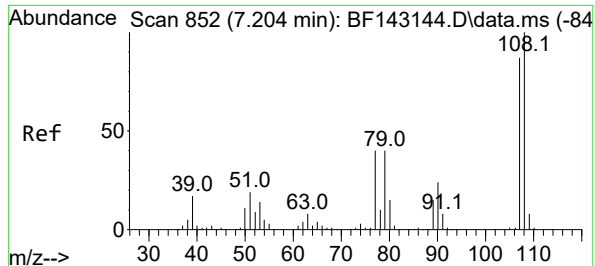
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

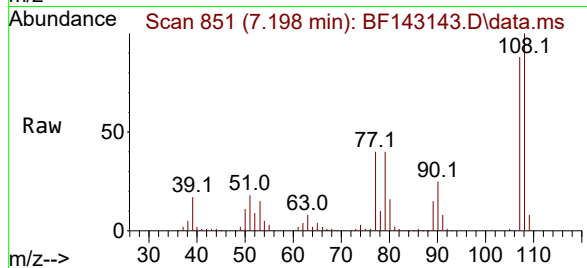
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 20.479 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

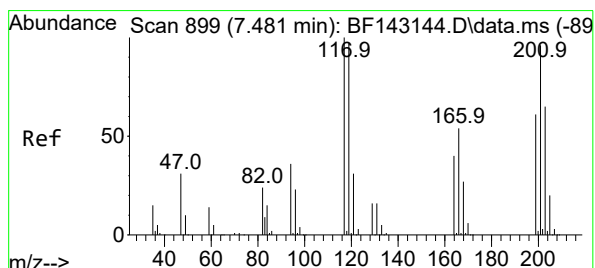
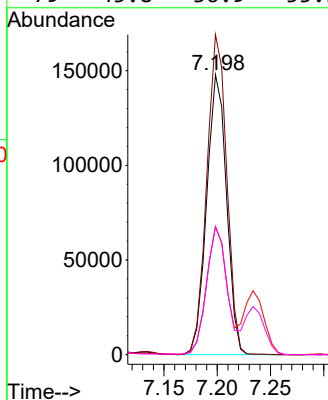
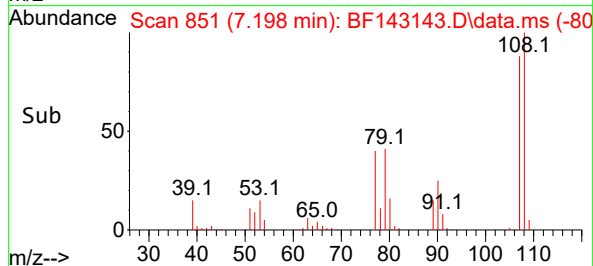
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 192172
Ion Ratio Lower Upper
107 100
108 114.3 91.8 137.6
77 45.6 37.0 55.6
79 45.8 36.9 55.3

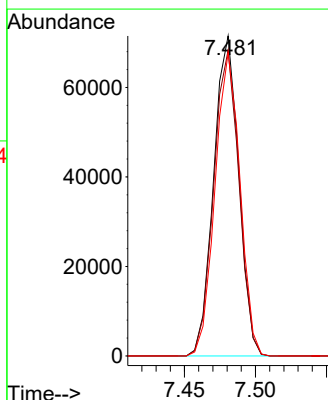
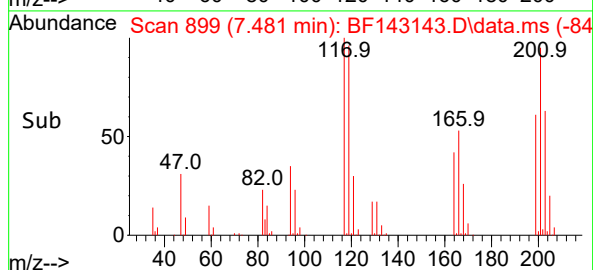
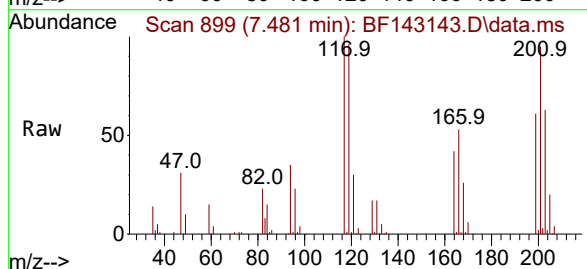
Manual Integrations
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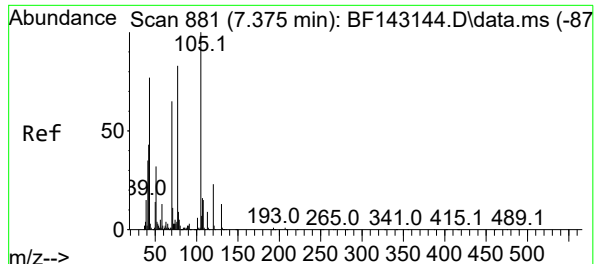
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 20.828 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:117 Resp: 88036
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8
201 94.8 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 20.137 ng

RT: 7.363 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 17314

Ion Ratio Lower Upper

70 100

42 68.6 52.5 78.7

101 9.4 7.6 11.4

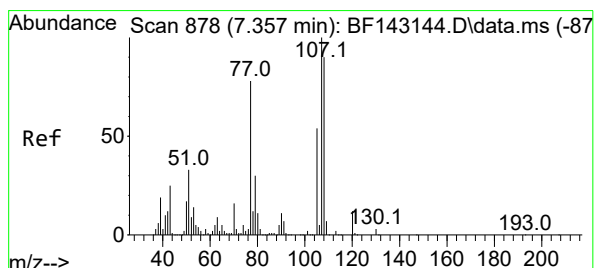
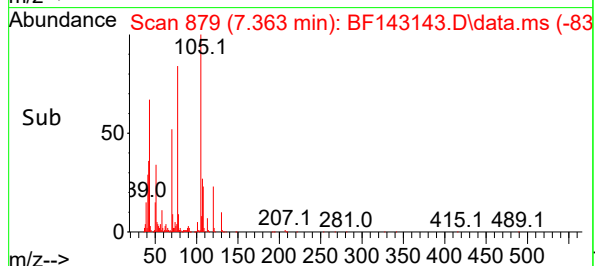
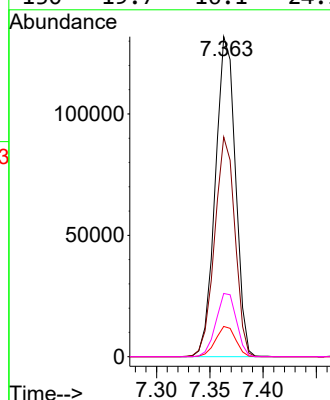
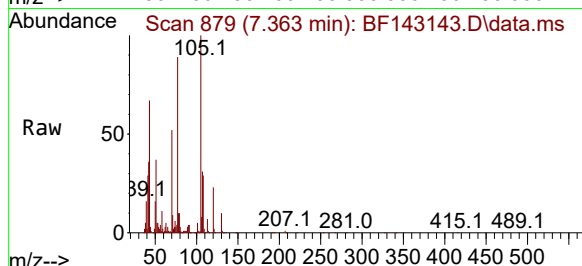
130 19.7 16.1 24.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 21.745 ng

RT: 7.351 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Tgt Ion:107 Resp: 247578

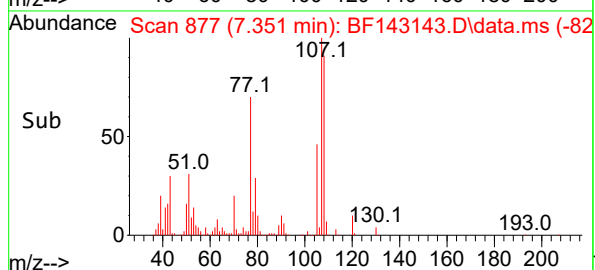
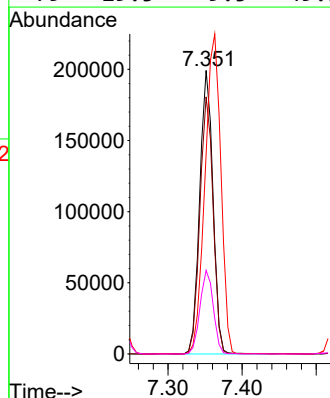
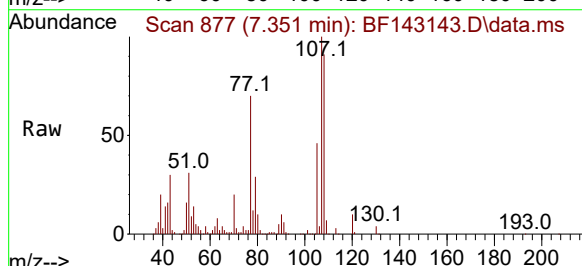
Ion Ratio Lower Upper

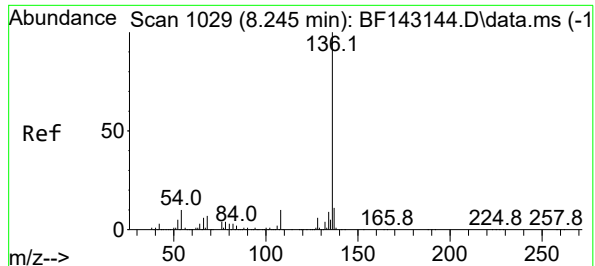
107 100

108 90.7 70.0 110.0

77 70.4 57.8 97.8

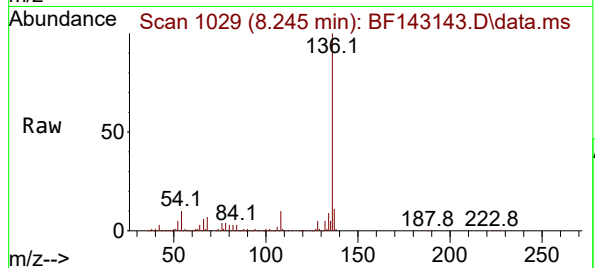
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

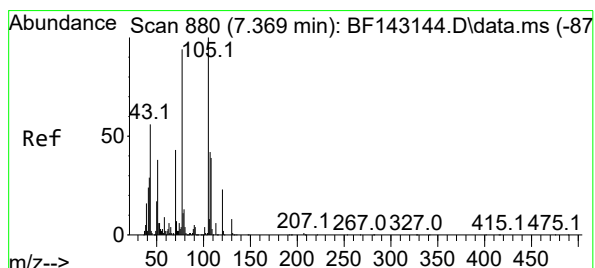
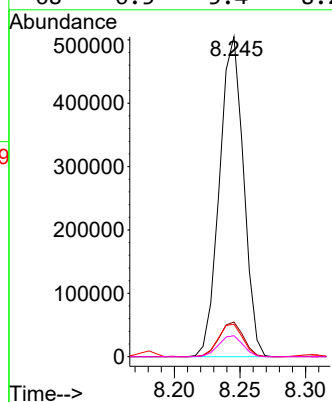
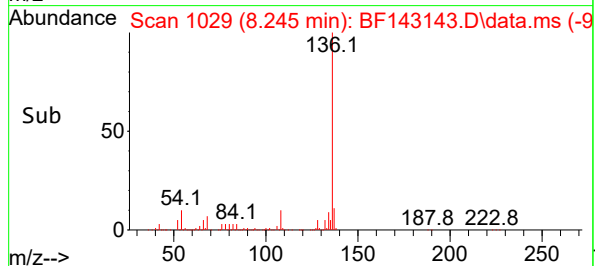
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 642580
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.2 12.2
68 6.5 5.4 8.2

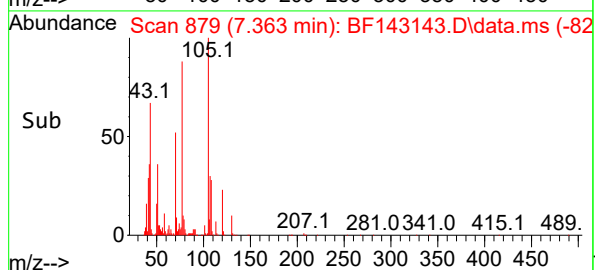
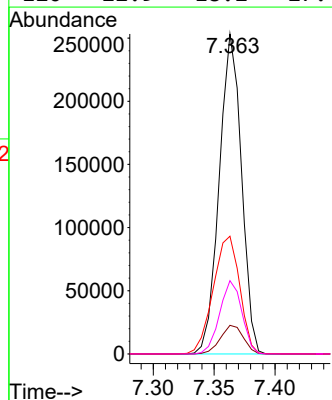
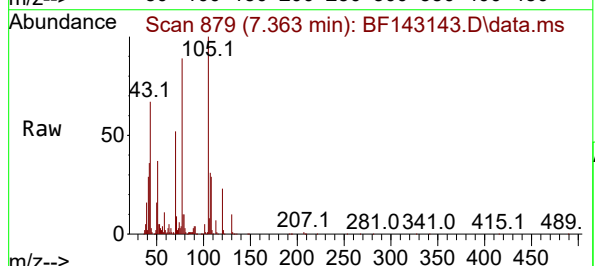
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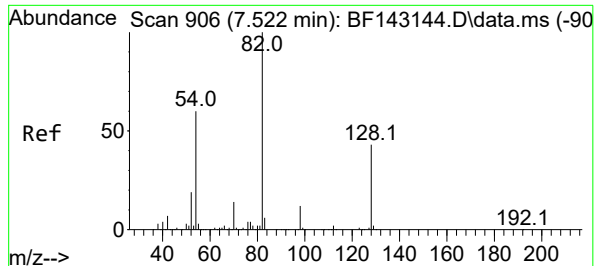
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 21.151 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

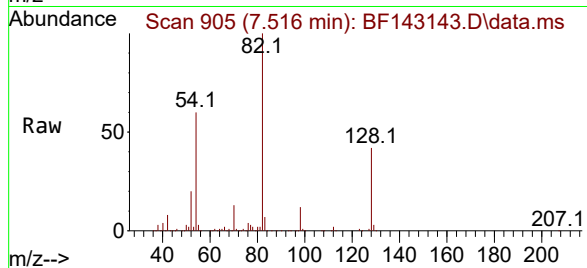
Tgt Ion:105 Resp: 321774
Ion Ratio Lower Upper
105 100
71 9.0 5.8 8.6#
51 36.8 30.2 45.2
120 22.9 18.2 27.4





#23
Nitrobenzene-d5
Concen: 41.547 ng m
RT: 7.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

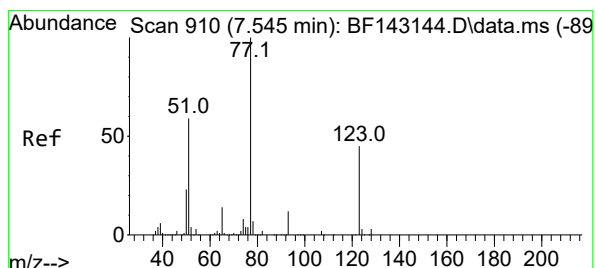
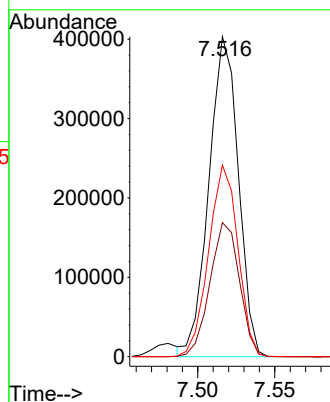
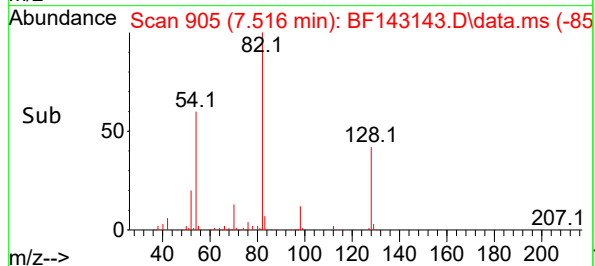
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 53558
Ion Ratio Lower Upper
82 100
128 41.9 33.6 50.4
54 59.8 47.1 70.7

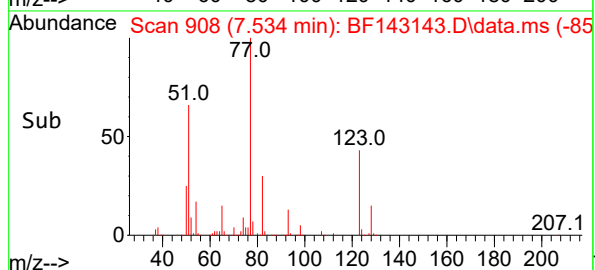
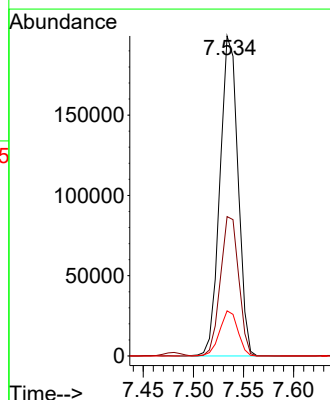
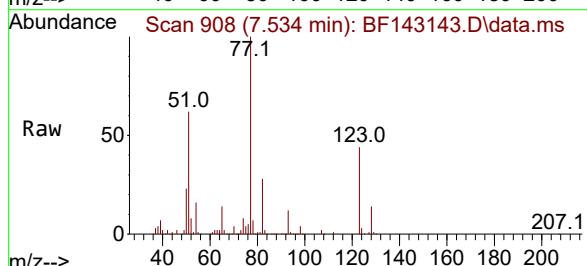
Manual Integrations
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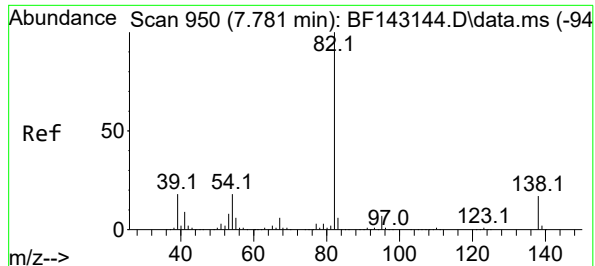
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#24
Nitrobenzene
Concen: 20.739 ng
RT: 7.534 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 77 Resp: 249251
Ion Ratio Lower Upper
77 100
123 43.5 36.1 54.1
65 14.1 11.4 17.2





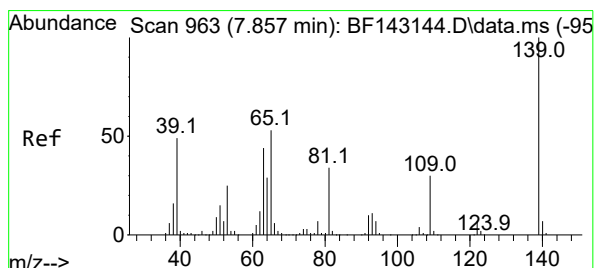
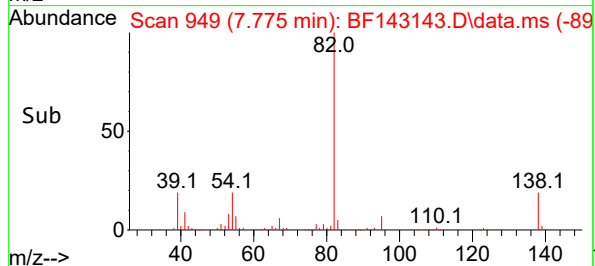
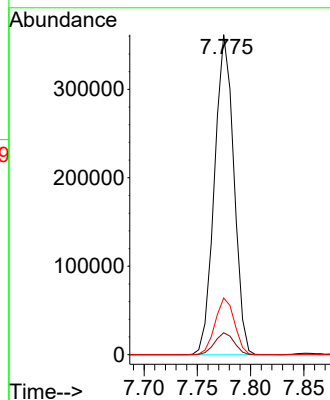
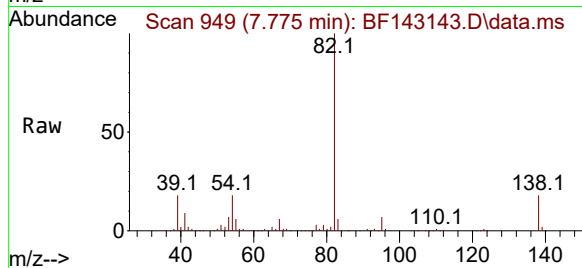
#25
Isophorone
Concen: 20.088 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 457140
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.7 13.8 20.8

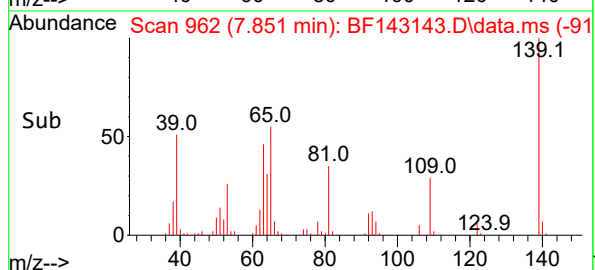
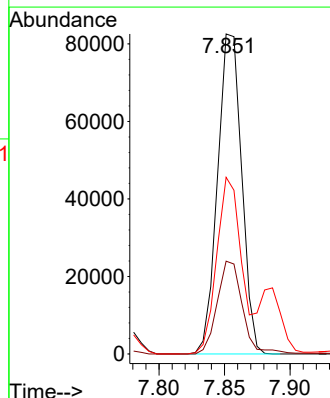
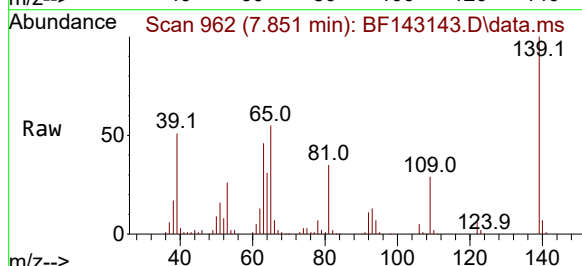
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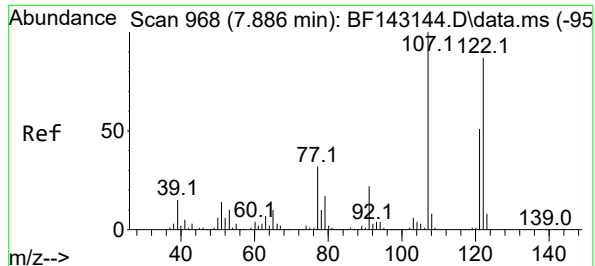
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 20.261 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:139 Resp: 105681
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 55.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 20.594 ng

RT: 7.887 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 218960

Ion Ratio Lower Upper

122 100

107 114.5 91.8 137.6

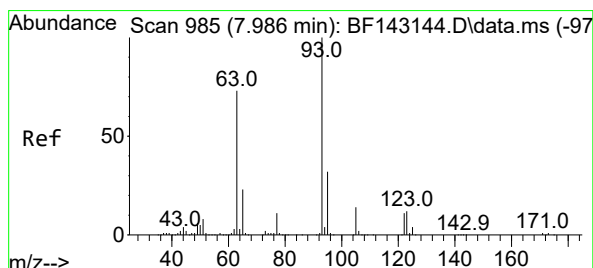
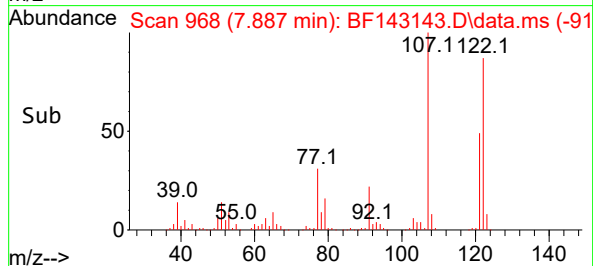
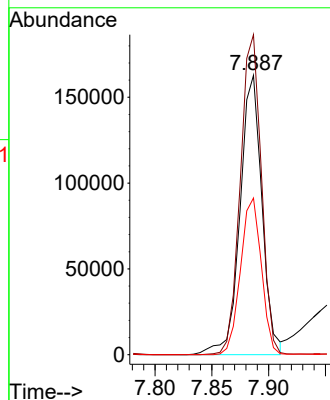
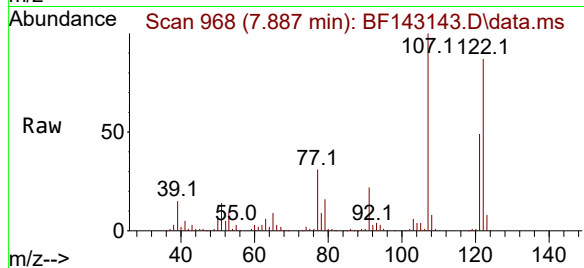
121 56.1 46.3 69.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.811 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

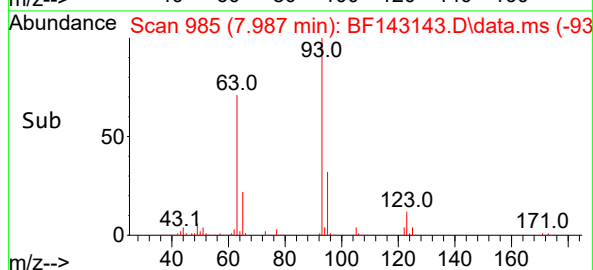
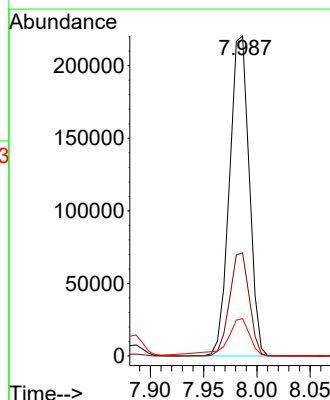
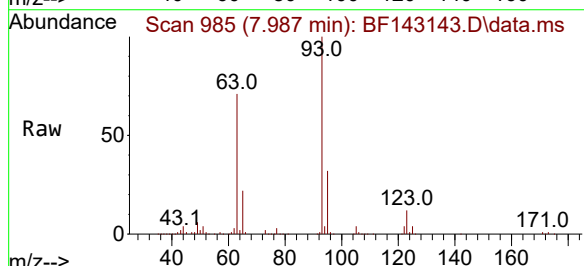
Tgt Ion: 93 Resp: 283946

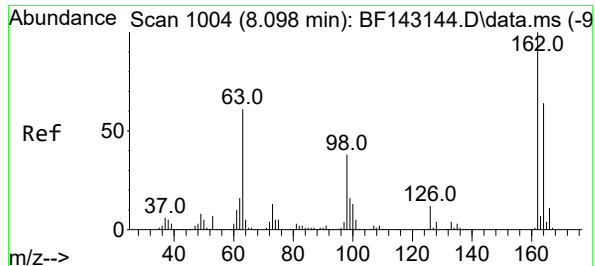
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 11.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 20.569 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 18443

Ion Ratio Lower Upper

162 100

164 64.4 44.2 84.2

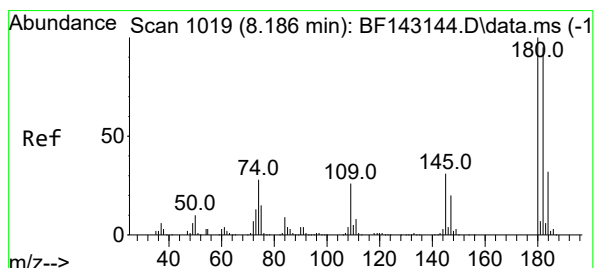
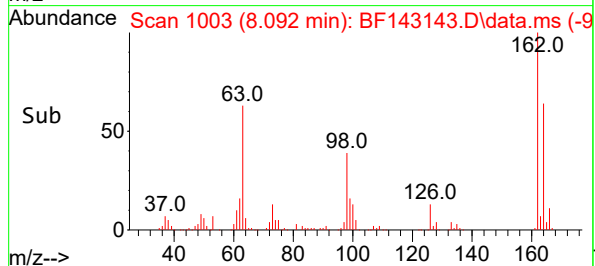
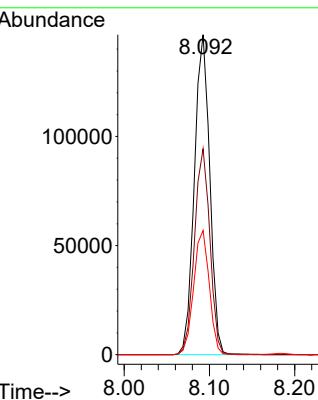
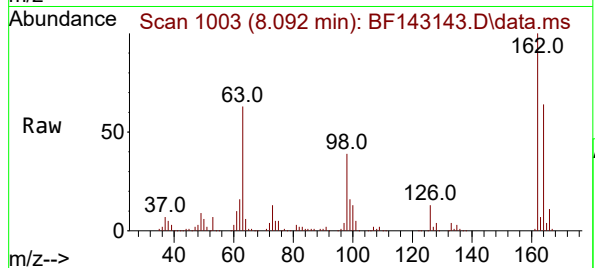
98 38.8 17.9 57.9

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.070 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

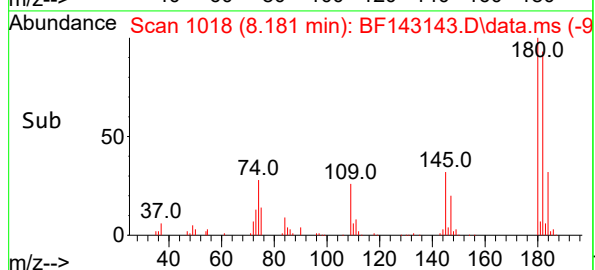
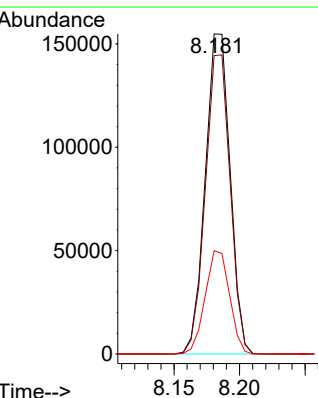
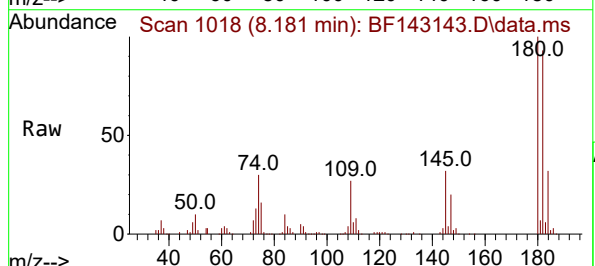
Tgt Ion:180 Resp: 204103

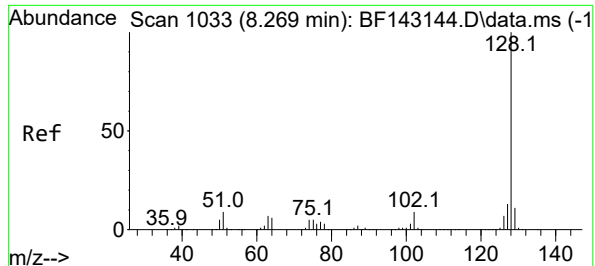
Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.2

145 32.2 25.0 37.6





#31

Naphthalene

Concen: 20.949 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:128 Resp: 662968

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

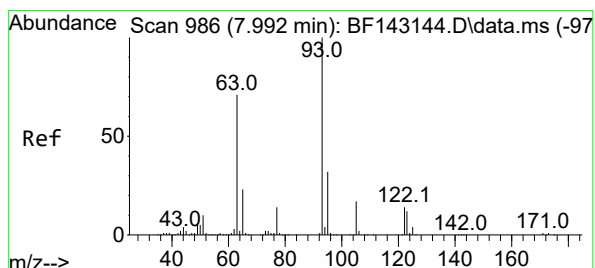
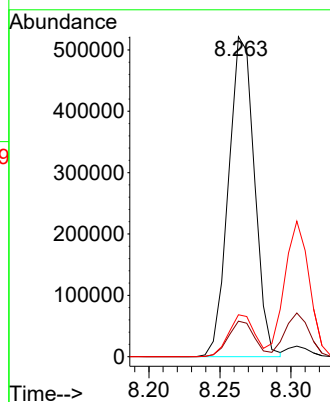
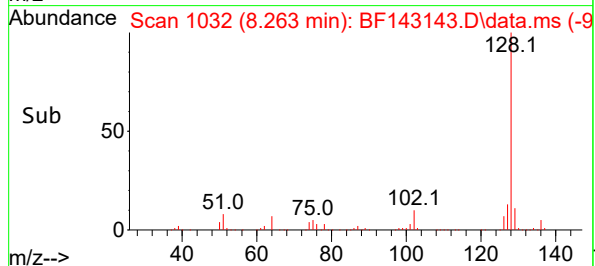
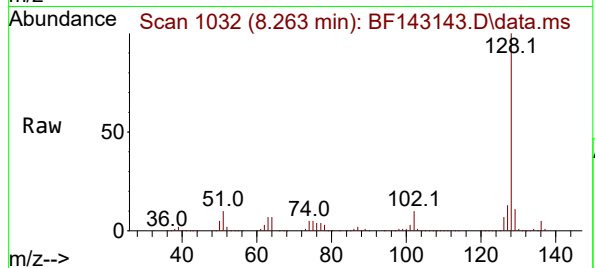
127 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#32

Benzoic acid

Concen: 19.382 ng m

RT: 7.957 min Scan# 980

Delta R.T. -0.035 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

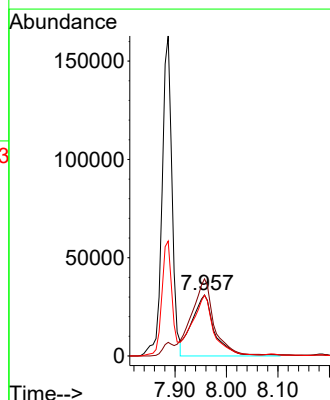
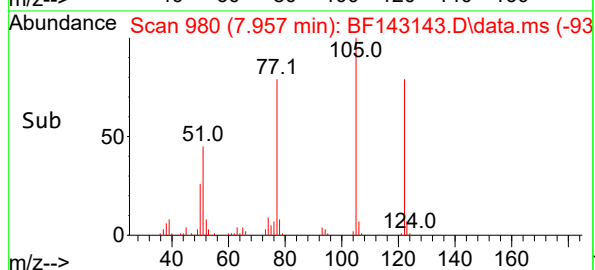
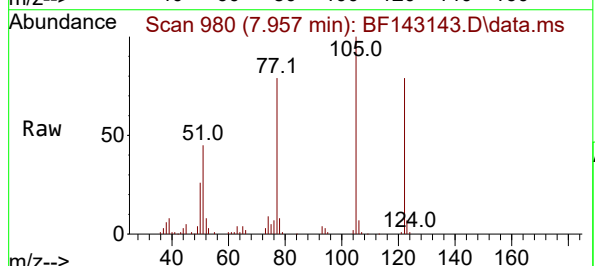
Tgt Ion:122 Resp: 95515

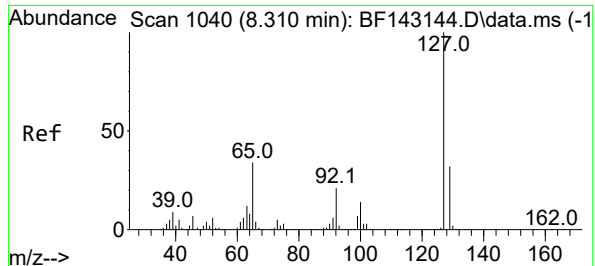
Ion Ratio Lower Upper

122 100

105 126.7 104.8 144.8

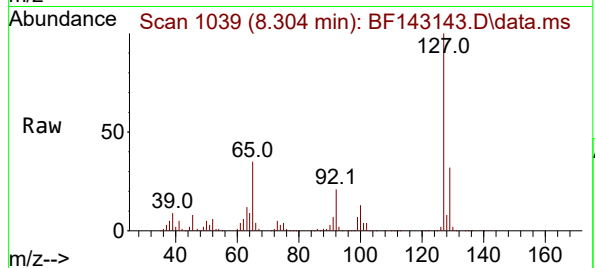
77 99.7 77.6 117.6





#33
4-Chloroaniline
Concen: 20.825 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

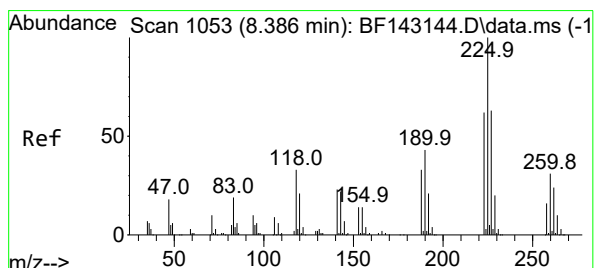
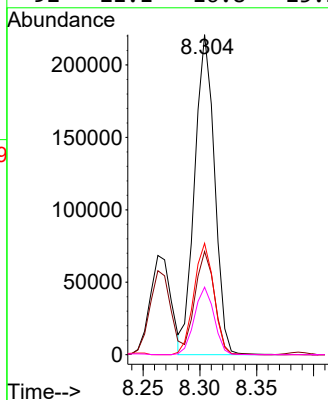
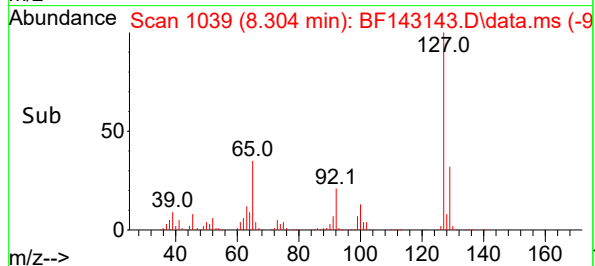
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:127 Resp: 26910
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 34.8 27.4 41.2
92 21.1 16.8 25.2

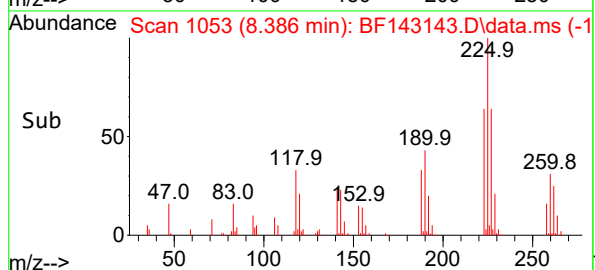
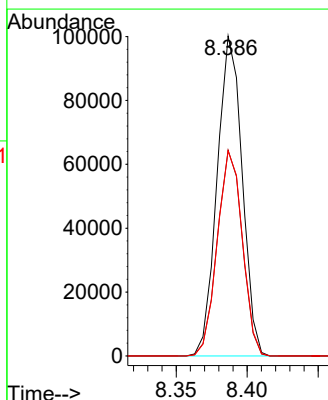
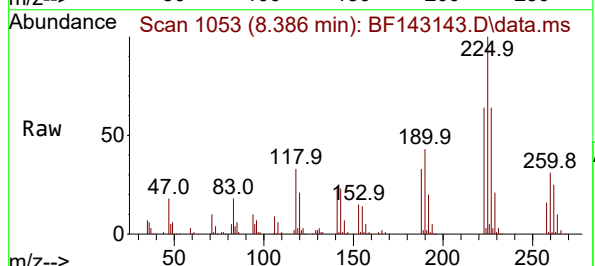
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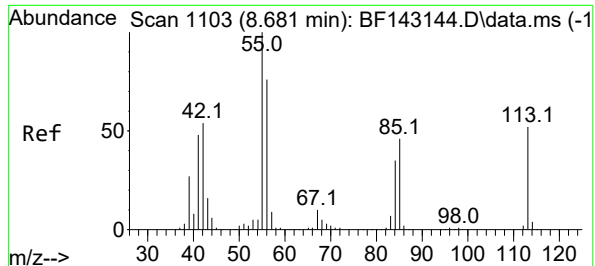
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 20.722 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:225 Resp: 122624
Ion Ratio Lower Upper
225 100
223 64.3 49.8 74.6
227 64.1 50.2 75.4





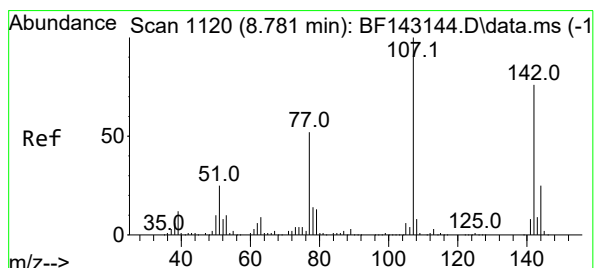
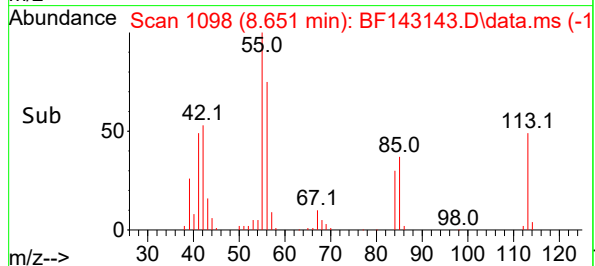
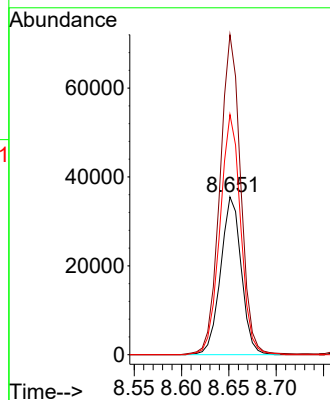
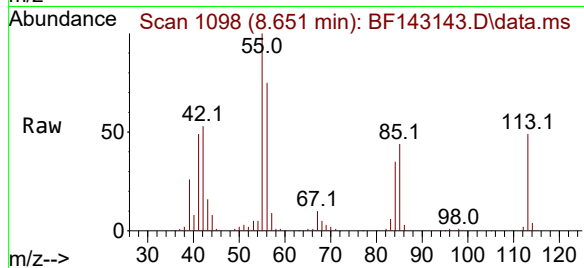
#35
 Caprolactam
 Concen: 19.911 ng
 RT: 8.651 min Scan# 1109
 Delta R.T. -0.029 min
 Lab File: BF143143.D
 Acq: 17 Jul 2025 12:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tgt Ion:113 Resp: 53950
 Ion Ratio Lower Upper
 113 100
 55 202.9 174.0 214.0
 56 152.2 126.6 166.6

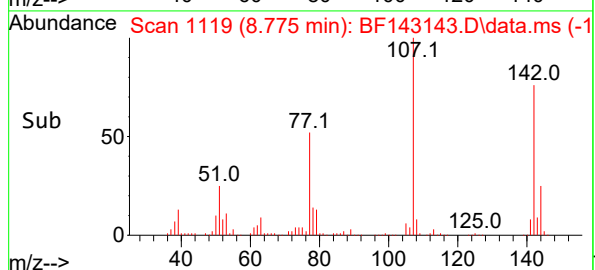
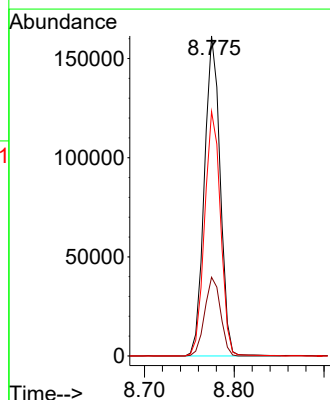
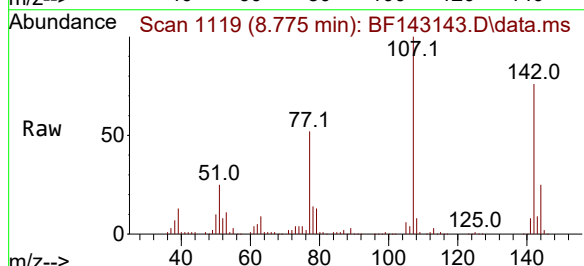
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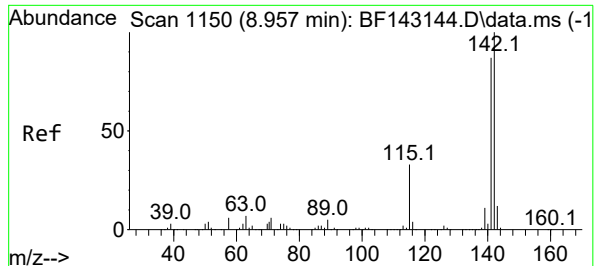
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.246 ng
 RT: 8.775 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF143143.D
 Acq: 17 Jul 2025 12:34

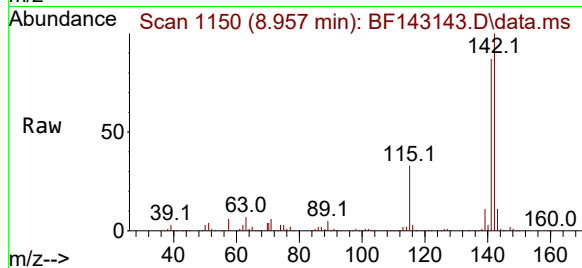
Tgt Ion:107 Resp: 197317
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 76.4 60.6 90.8





#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

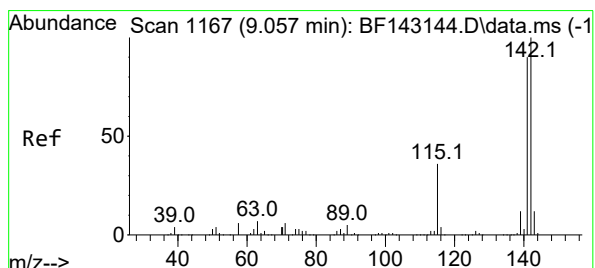
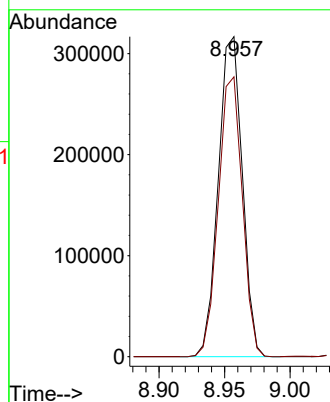
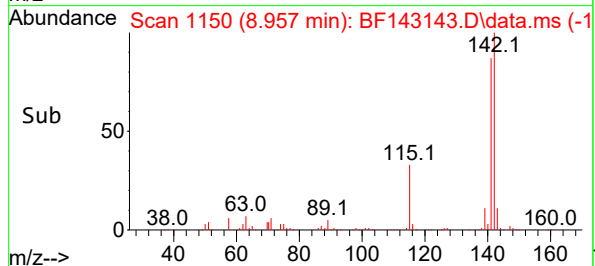
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 403298
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

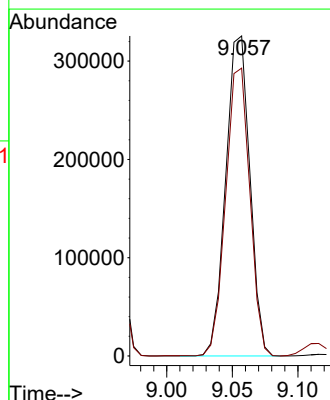
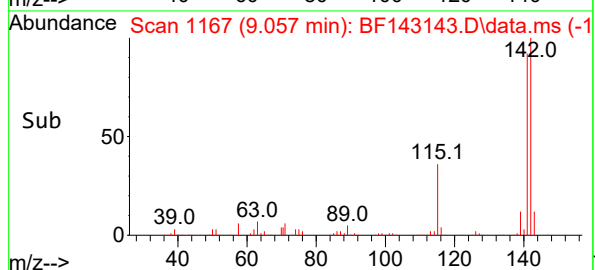
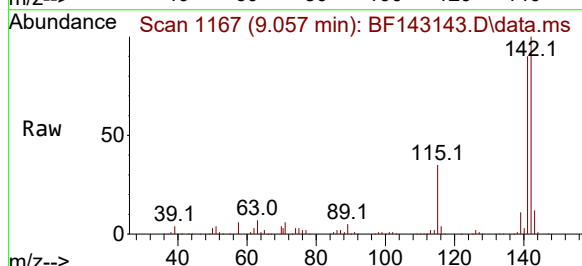
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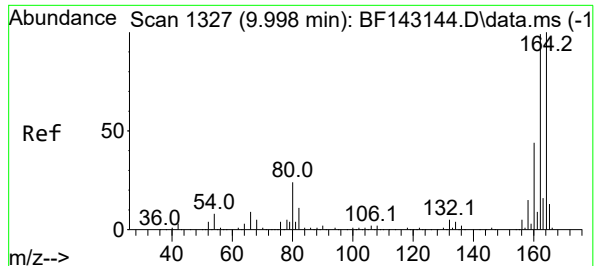
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 21.060 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:142 Resp: 417629
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143143.D

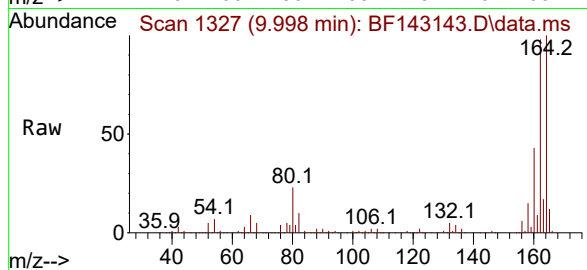
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 329670

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

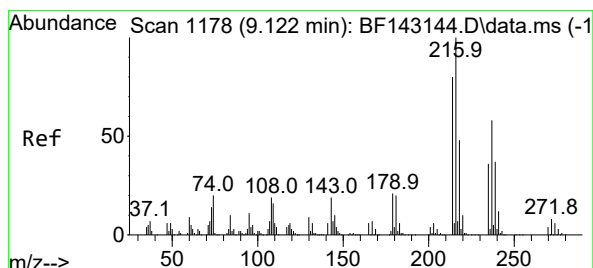
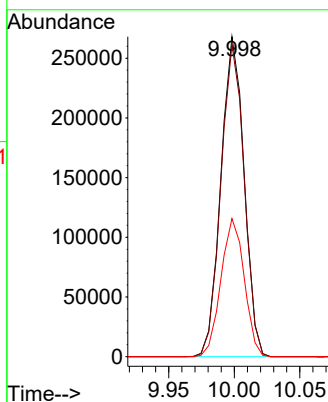
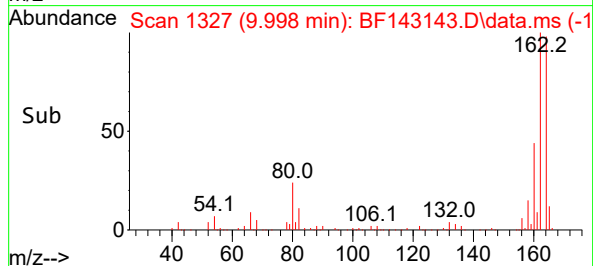
160 43.2 35.1 52.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

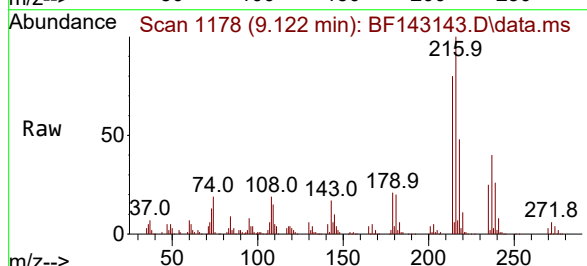
Concen: 20.804 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



Tgt Ion:216 Resp: 198009

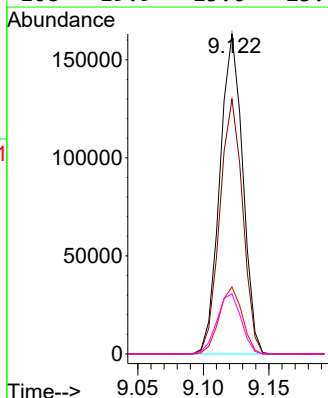
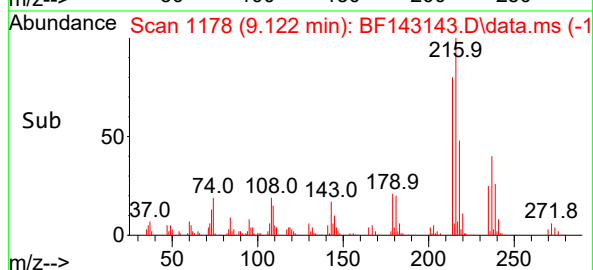
Ion Ratio Lower Upper

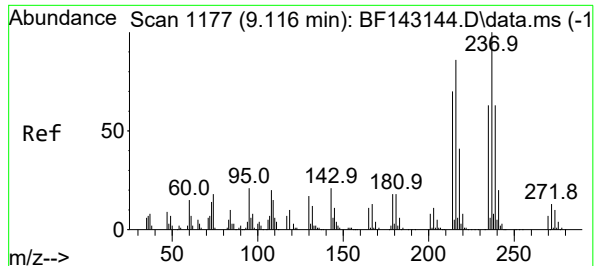
216 100

214 79.4 63.8 95.8

179 21.0 16.4 24.6

108 19.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 19.848 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:237 Resp: 12292

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

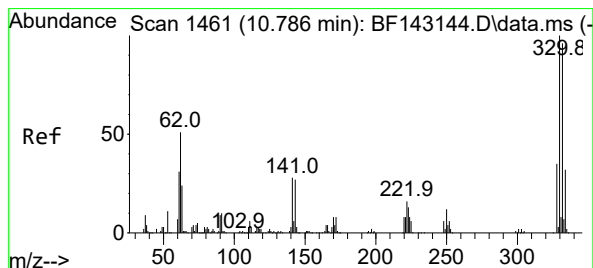
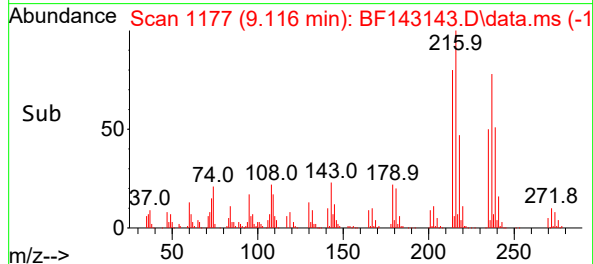
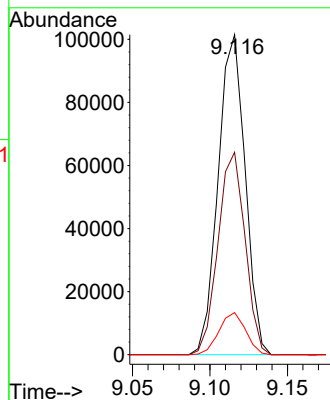
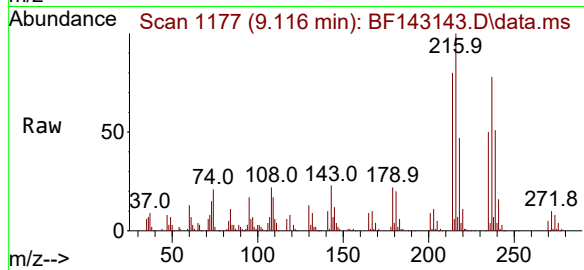
272 13.2 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 41.034 ng

RT: 10.780 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

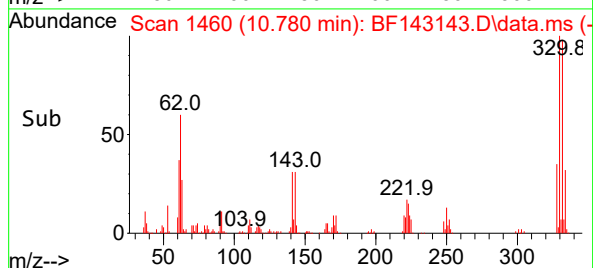
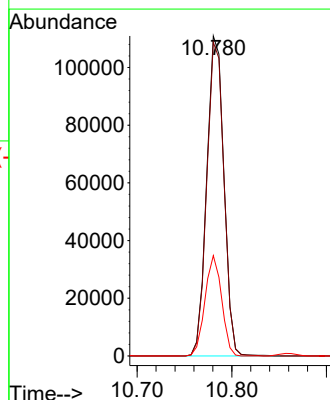
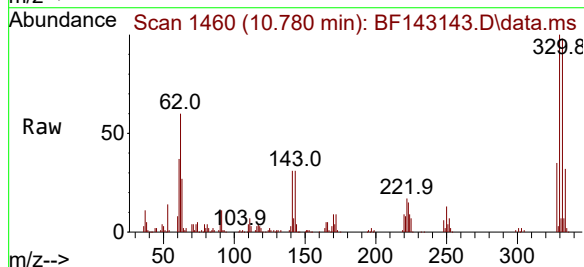
Tgt Ion:330 Resp: 139748

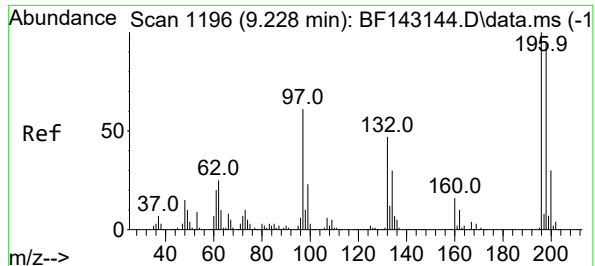
Ion Ratio Lower Upper

330 100

332 97.9 76.7 115.1

141 30.4 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 20.601 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143143.D

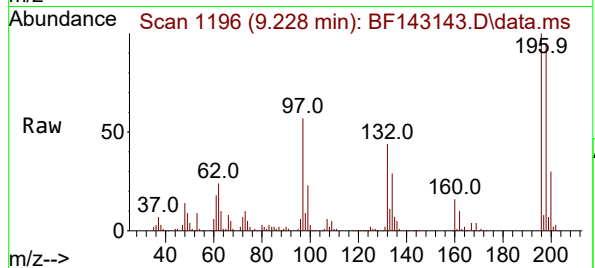
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:196 Resp: 13570

Ion Ratio Lower Upper

196 100

198 95.4 76.2 114.2

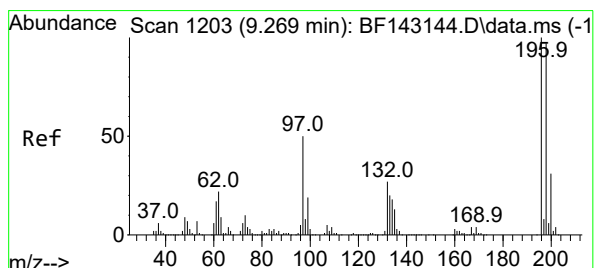
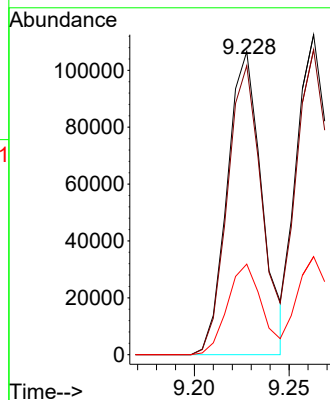
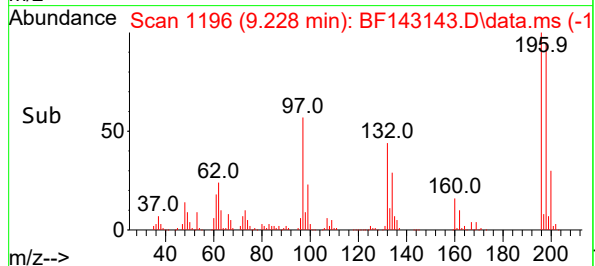
200 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

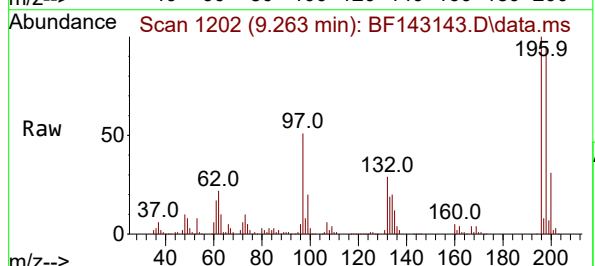
Concen: 20.584 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



Tgt Ion:196 Resp: 135634

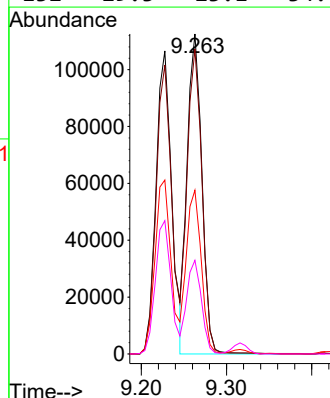
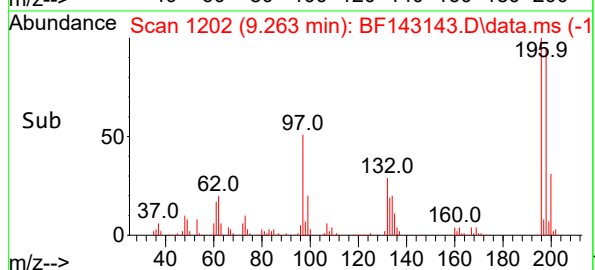
Ion Ratio Lower Upper

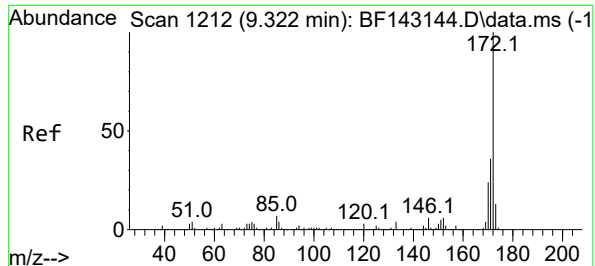
196 100

198 95.3 77.3 115.9

97 51.2 40.3 60.5

132 29.3 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 42.301 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143143.D

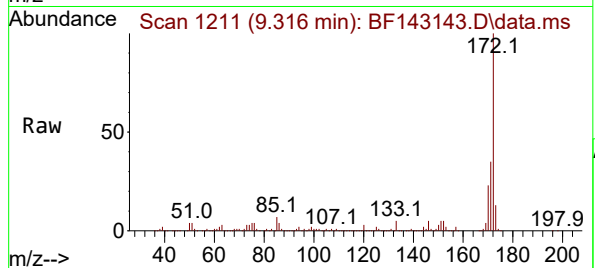
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 1019688

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

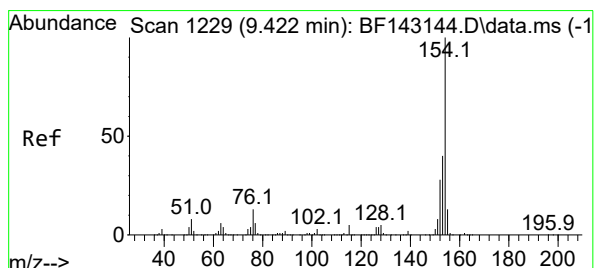
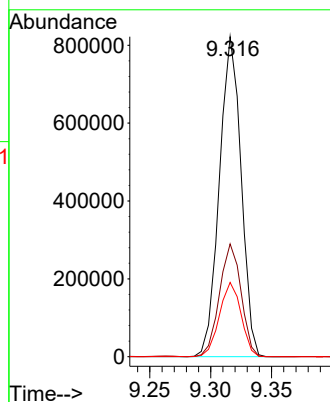
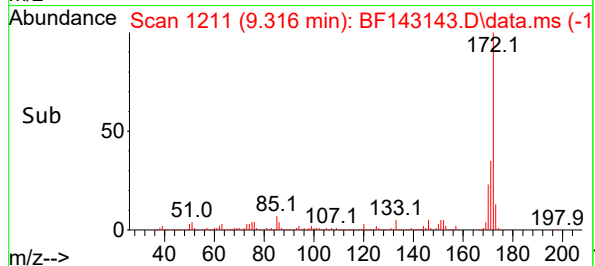
170 23.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

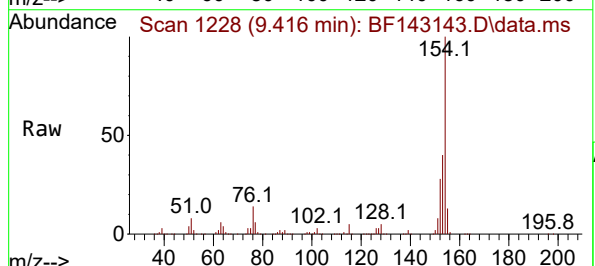
Concen: 21.019 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



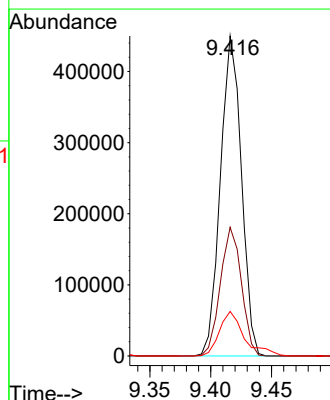
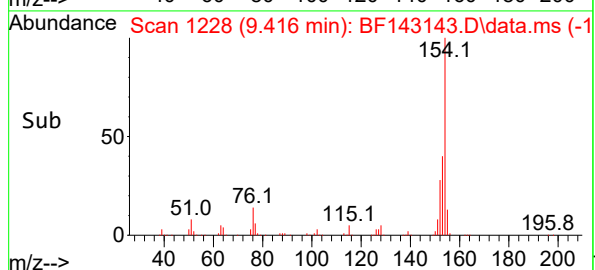
Tgt Ion:154 Resp: 540637

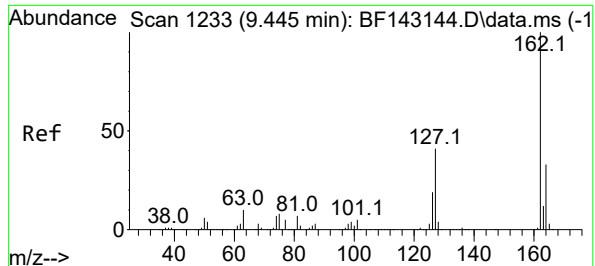
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

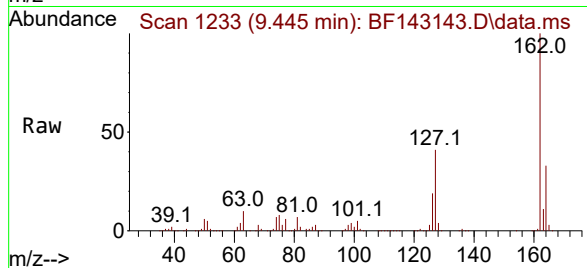
76 13.9 0.0 33.3





#47
2-Chloronaphthalene
Concen: 20.650 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

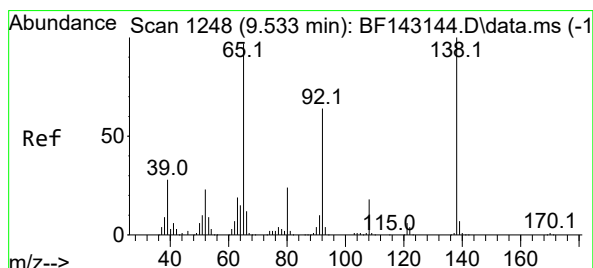
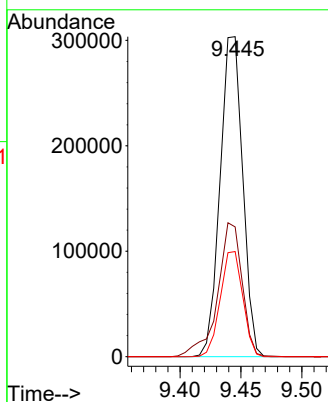
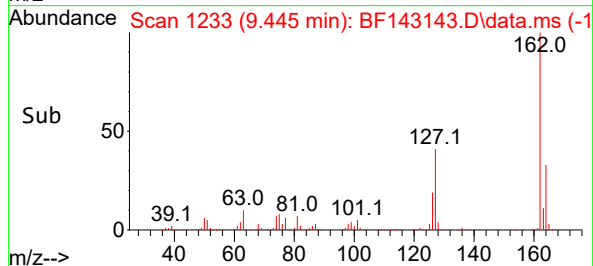
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion:162 Resp: 393000
Ion Ratio Lower Upper
162 100
127 40.6 33.4 50.2
164 32.9 26.2 39.2

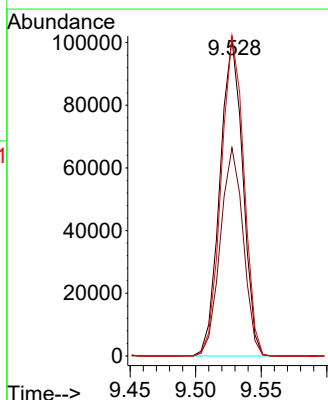
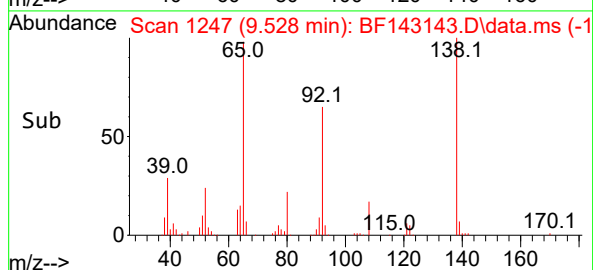
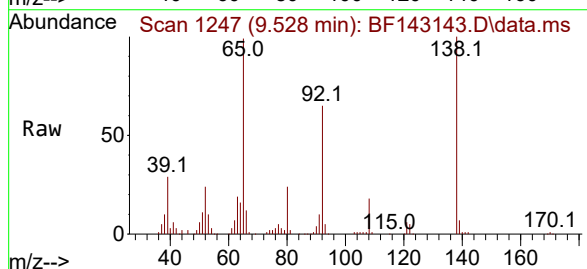
Manual Integrations
APPROVED

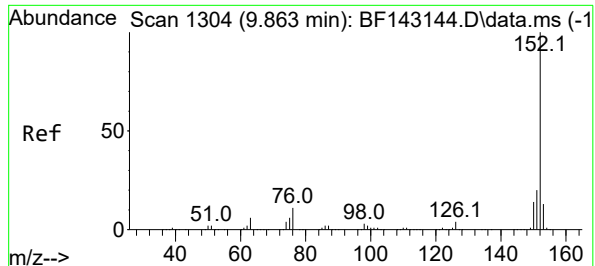
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#48
2-Nitroaniline
Concen: 20.528 ng
RT: 9.528 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion: 65 Resp: 122517
Ion Ratio Lower Upper
65 100
92 65.6 52.4 78.6
138 100.8 82.3 123.5





#49

Acenaphthylene

Concen: 20.789 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143143.D

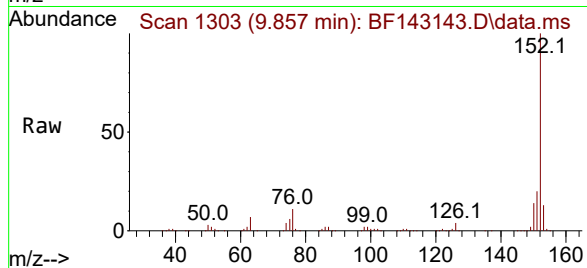
Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 66304

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

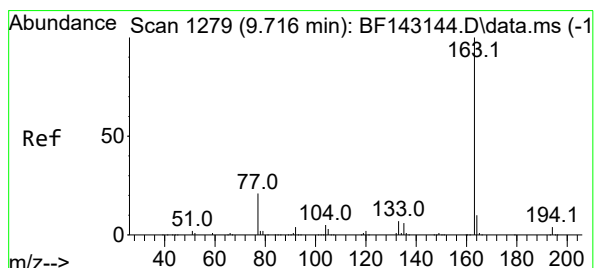
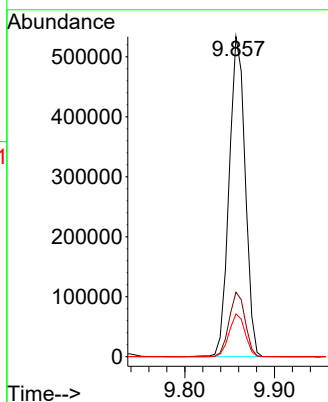
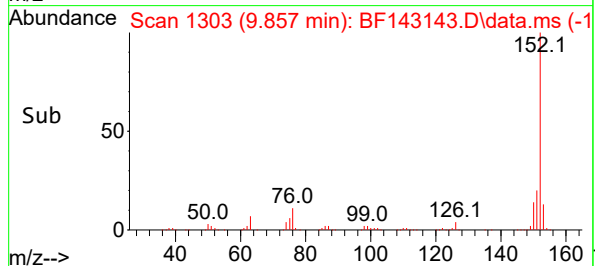
153 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

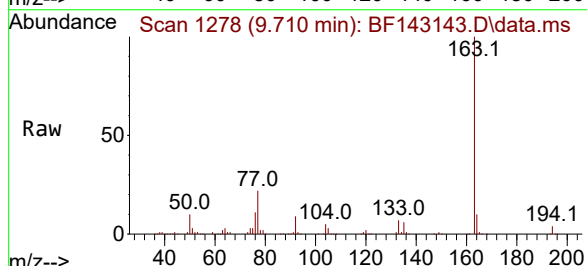
Concen: 20.558 ng

RT: 9.710 min Scan# 1278

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34



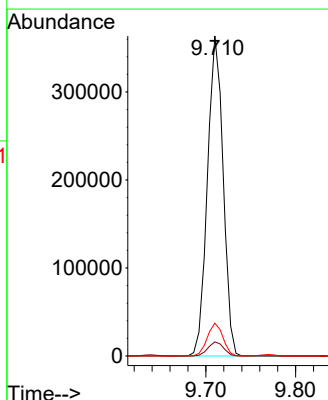
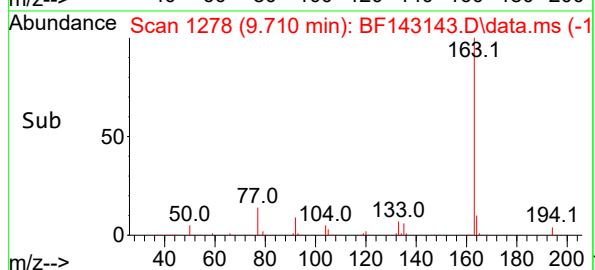
Tgt Ion:163 Resp: 441768

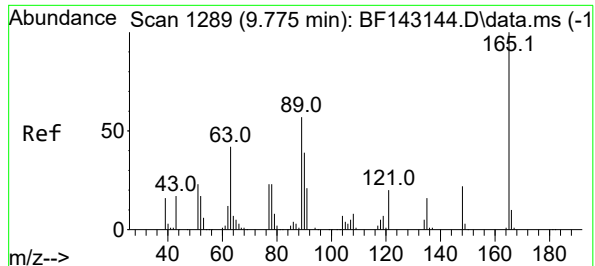
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

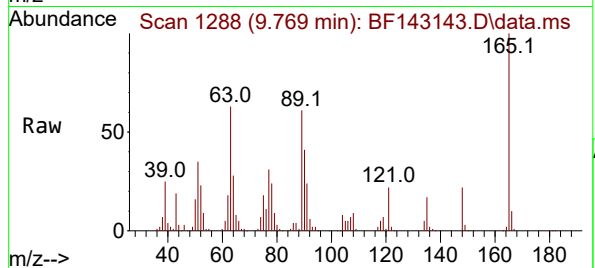
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 20.529 ng
RT: 9.769 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

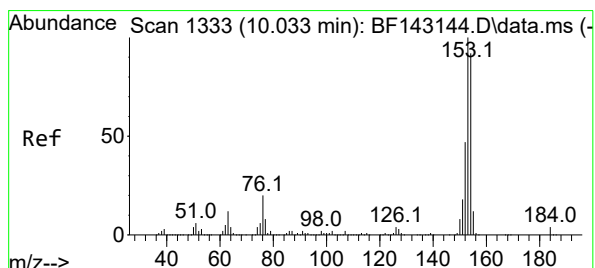
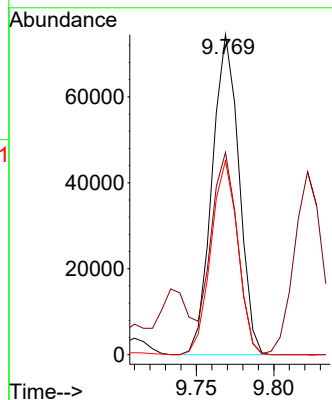
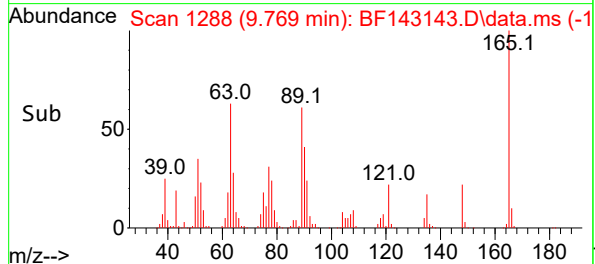
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 8974
Ion Ratio Lower Upper
165 100
63 63.2 49.4 74.2
89 60.6 46.2 69.2

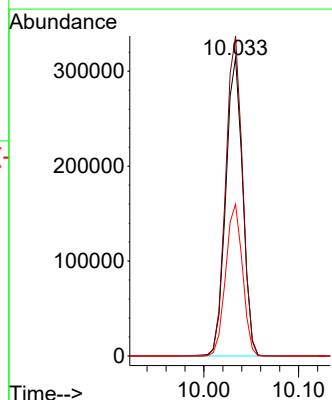
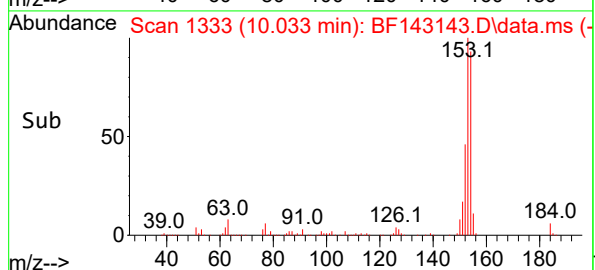
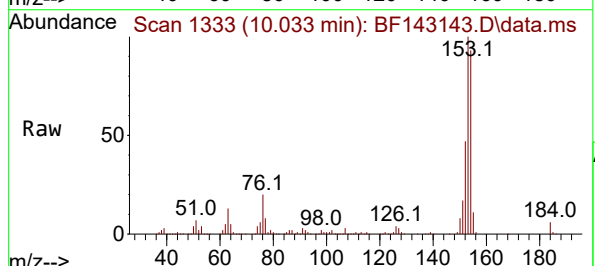
Manual Integrations
APPROVED

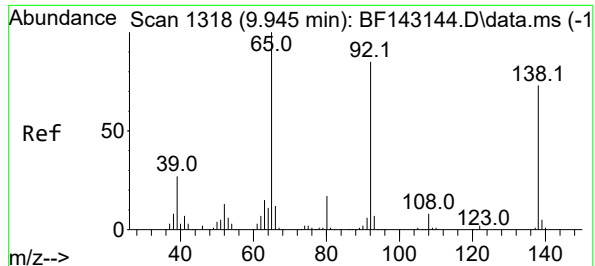
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 20.702 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

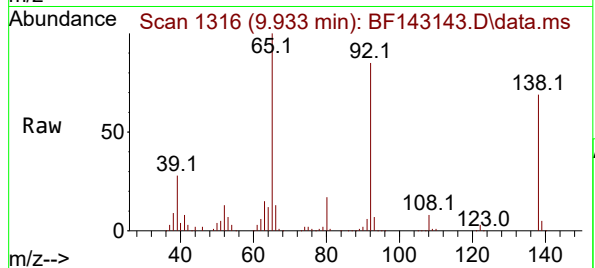
Tgt Ion:154 Resp: 390249
Ion Ratio Lower Upper
154 100
153 107.3 86.6 129.8
152 50.9 40.4 60.6





#53
3-Nitroaniline
Concen: 20.314 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

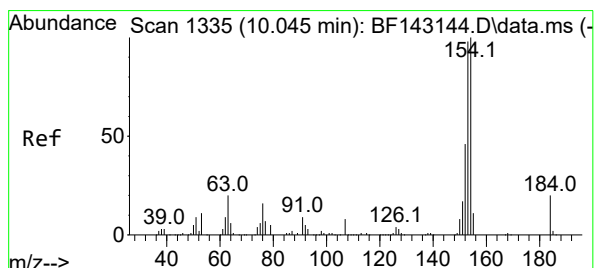
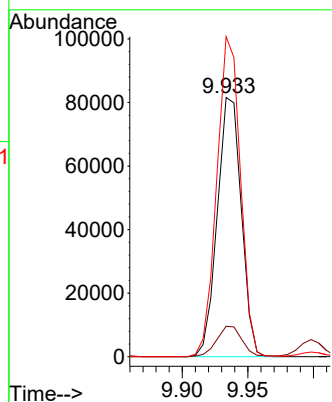
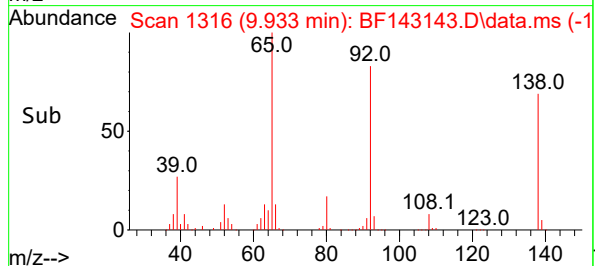
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 103870
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.6
92 123.4 93.0 139.4

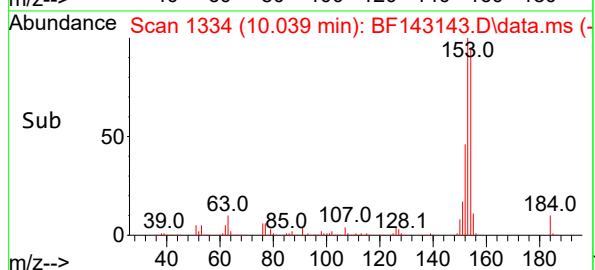
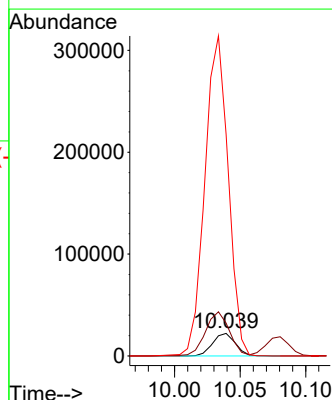
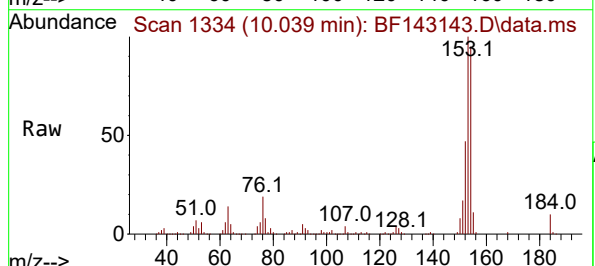
Manual Integrations
APPROVED

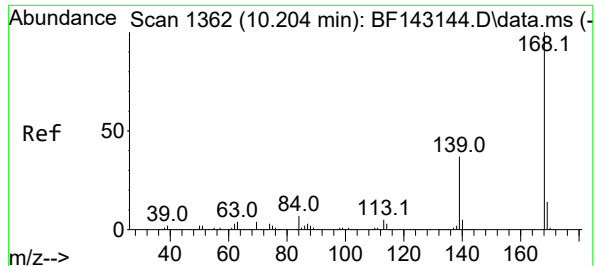
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 19.073 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

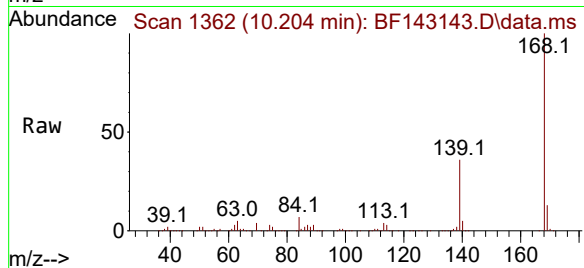
Tgt Ion:184 Resp: 26820
Ion Ratio Lower Upper
184 100
63 145.3 81.8 122.6#
154 980.0 412.2 618.4#





#55
Dibenzenofuran
Concen: 20.806 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

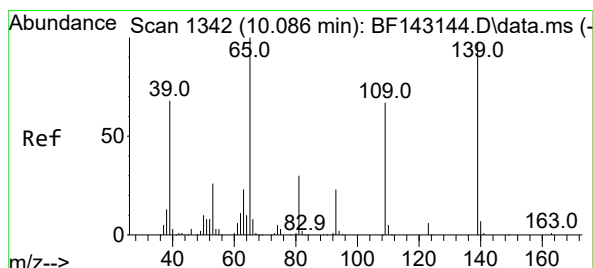
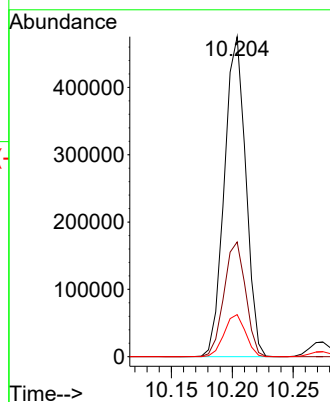
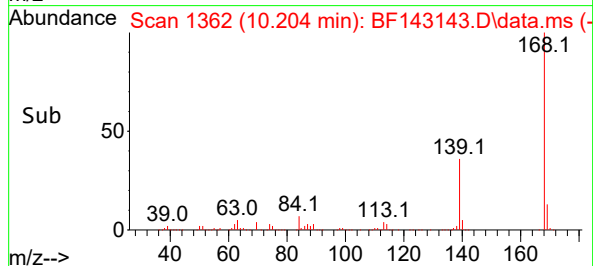
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 582320
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.1 10.9 16.3

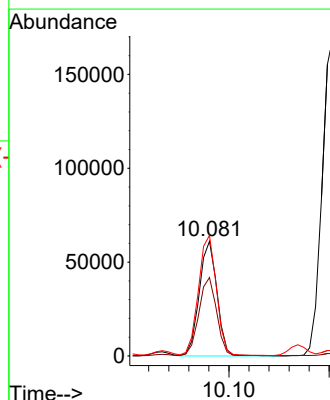
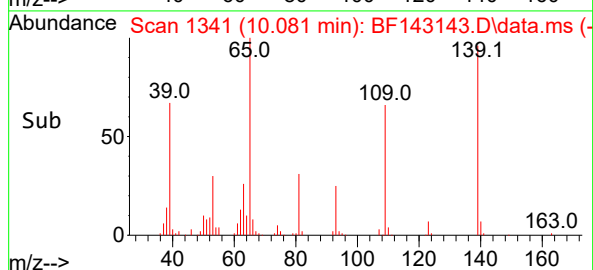
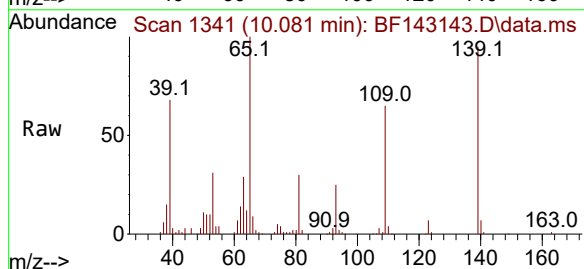
Manual Integrations
APPROVED

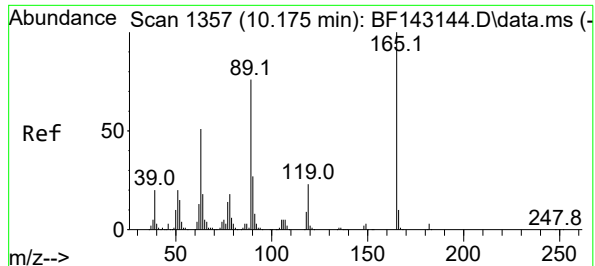
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 19.715 ng
RT: 10.081 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

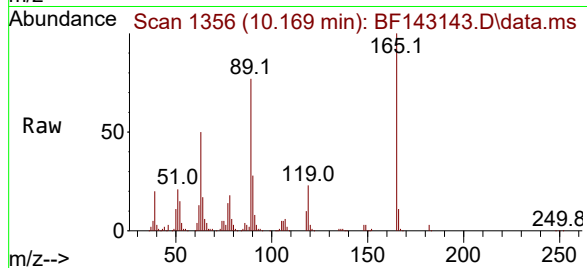
Tgt Ion:139 Resp: 75275
Ion Ratio Lower Upper
139 100
109 68.3 48.5 88.5
65 105.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 20.577 ng
RT: 10.169 min Scan# 11285
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

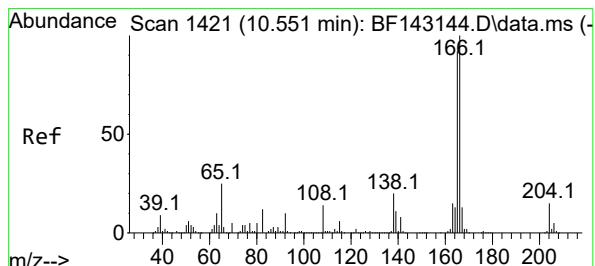
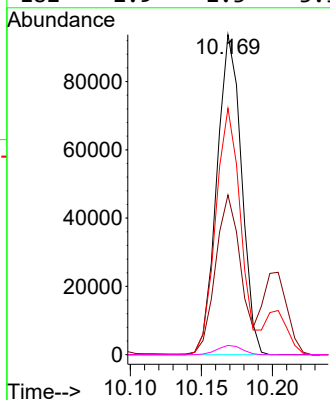
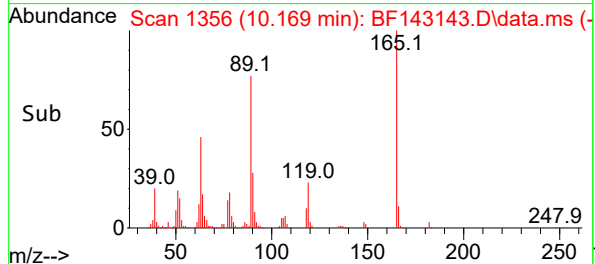
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 11285
Ion Ratio Lower Upper
165 100
63 49.9 41.0 61.4
89 77.0 61.1 91.7
182 2.9 2.3 3.5

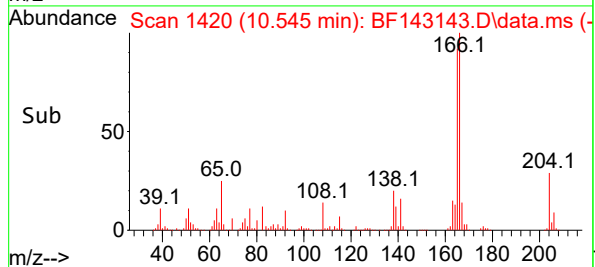
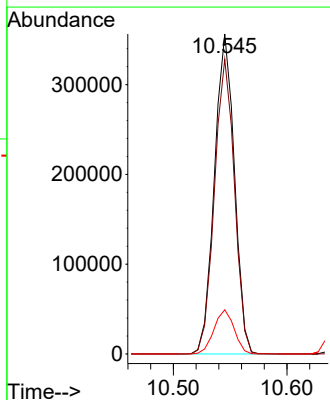
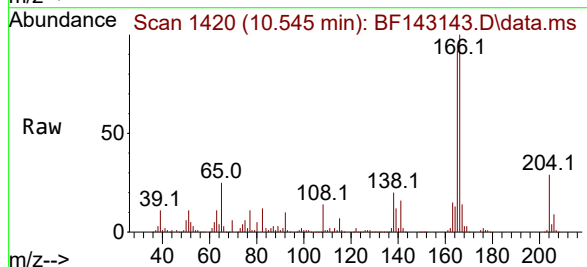
Manual Integrations
APPROVED

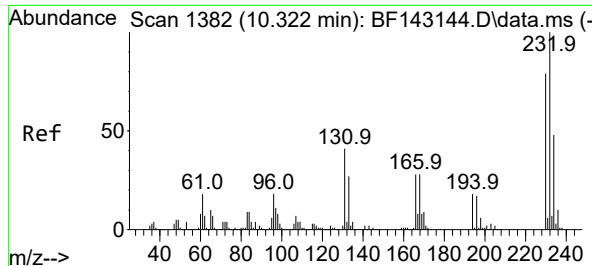
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 20.750 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

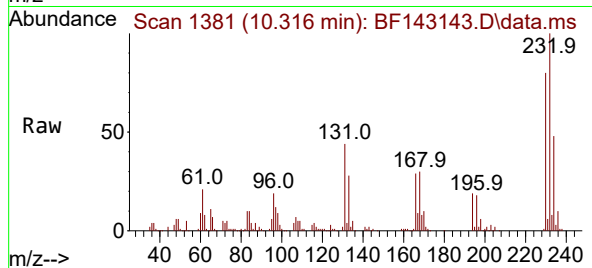
Tgt Ion:166 Resp: 435866
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.859 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

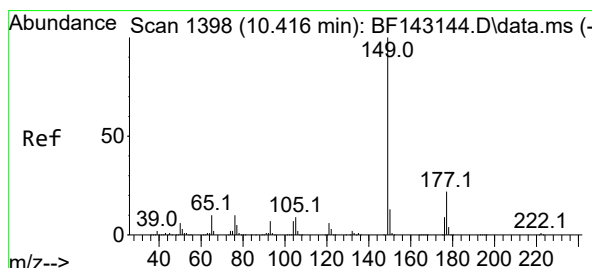
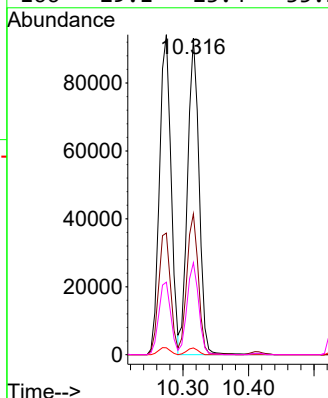
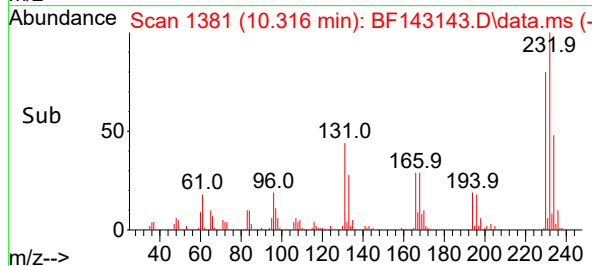
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 11385
Ion Ratio Lower Upper
232 100
131 44.3 35.3 52.9
130 2.1 1.7 2.5
166 29.1 23.4 35.2

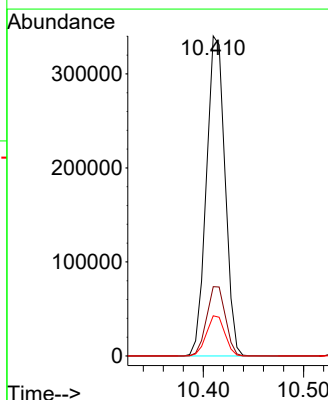
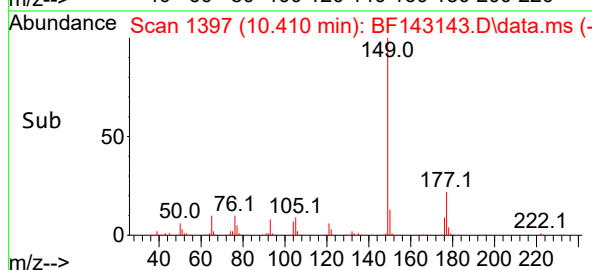
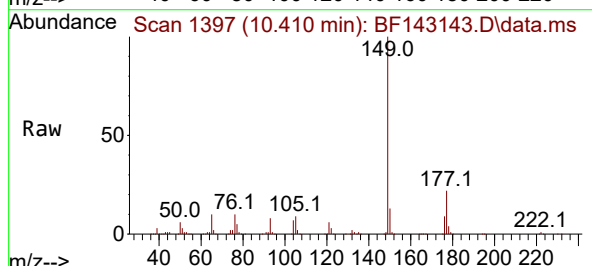
Manual Integrations
APPROVED

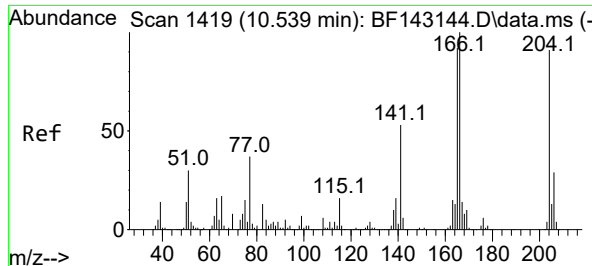
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 20.719 ng
RT: 10.410 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

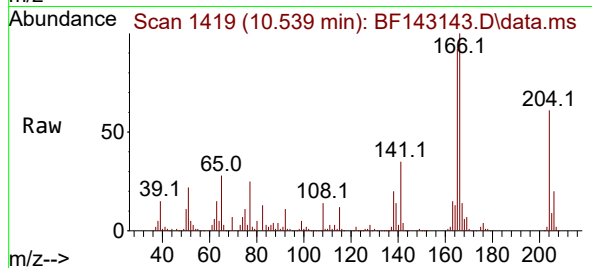
Tgt Ion:149 Resp: 440058
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 20.699 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

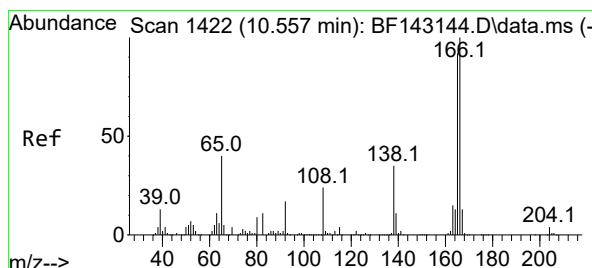
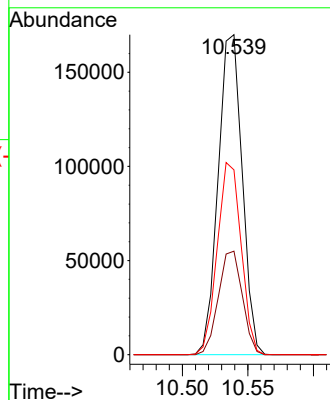
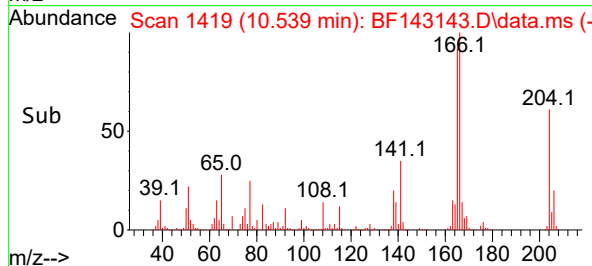
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



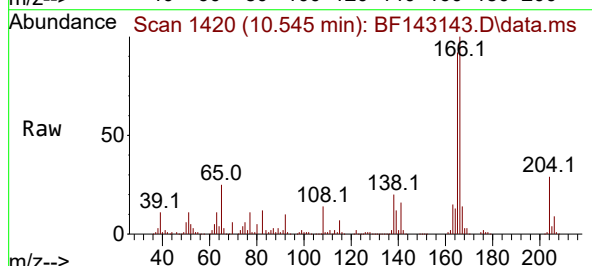
Tgt Ion:204 Resp: 216490
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 57.8 47.0 70.4

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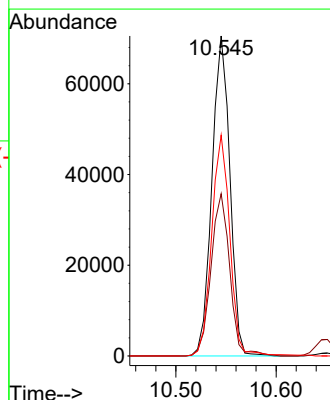
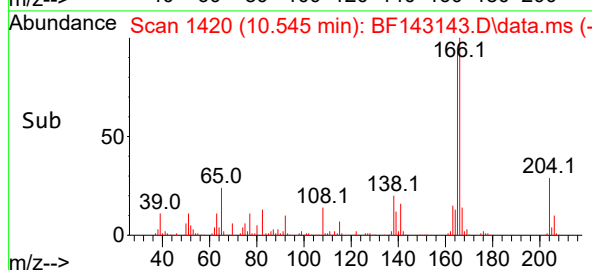
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

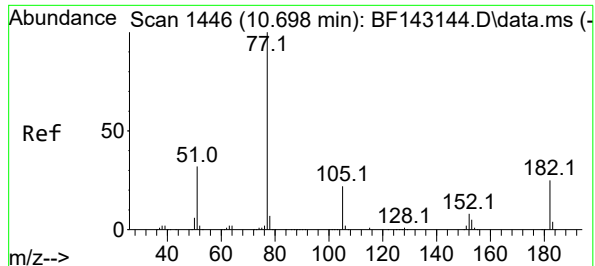


#62
4-Nitroaniline
Concen: 20.005 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



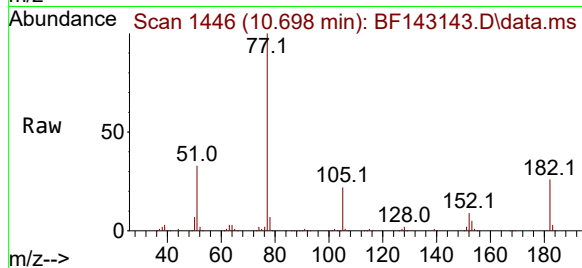
Tgt Ion:138 Resp: 87666
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.0 48.3 88.3





#63
Azobenzene
Concen: 20.690 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

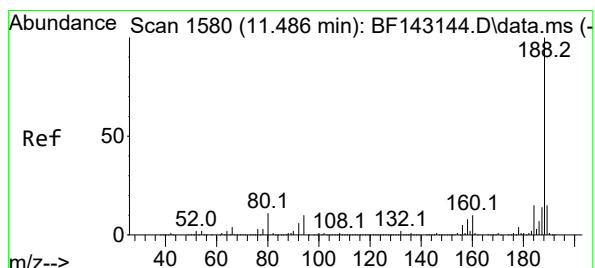
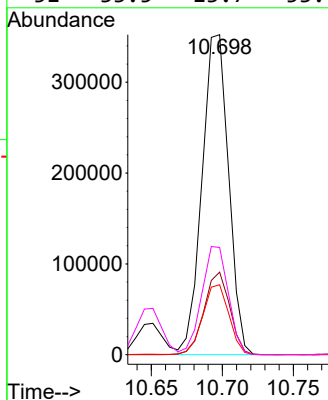
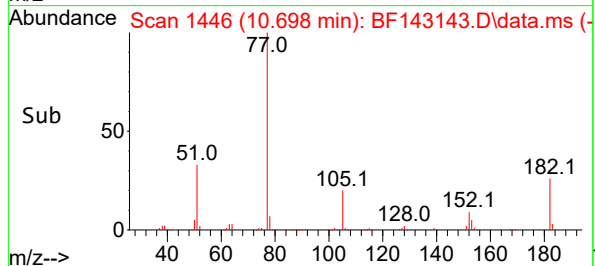
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



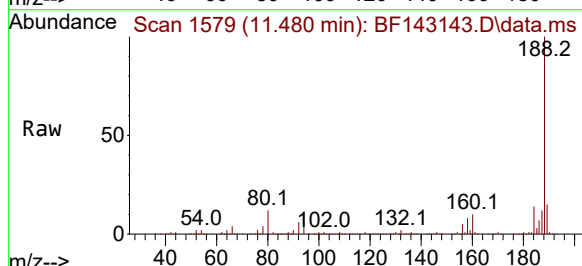
Tgt Ion: 77 Resp: 45801
Ion Ratio Lower Upper
77 100
182 25.8 4.6 44.6
105 21.8 1.4 41.4
51 33.5 13.7 53.7

Manual Integrations
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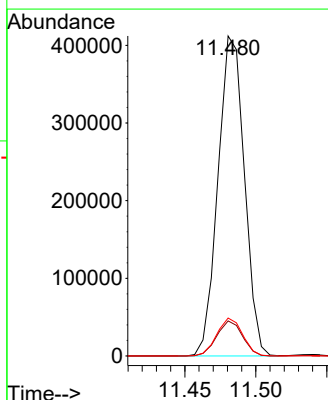
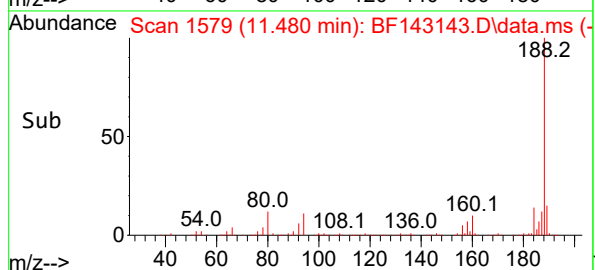
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

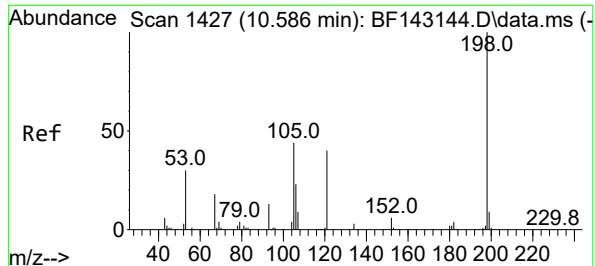


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:188 Resp: 532921
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 11.9 9.0 13.6





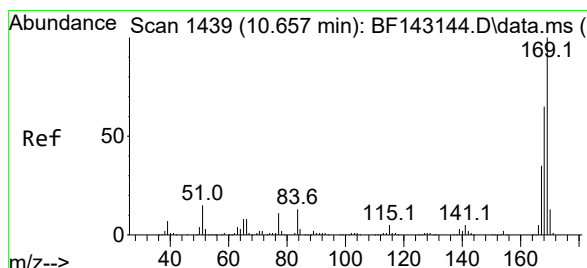
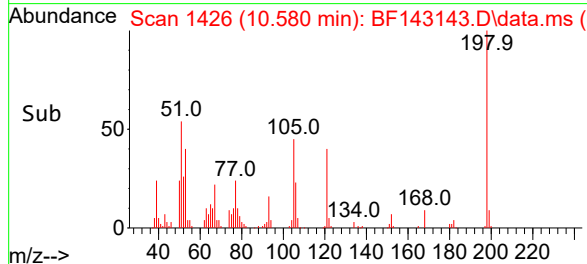
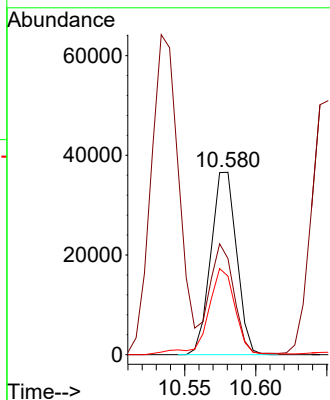
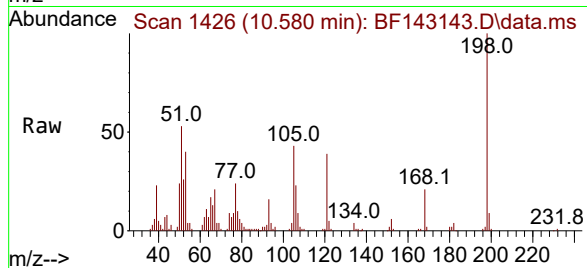
#65
4,6-Dinitro-2-methylphenol
Concen: 20.060 ng
RT: 10.580 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 4612
Ion Ratio Lower Upper
198 100
51 52.7 37.2 77.2
105 43.1 24.8 64.8

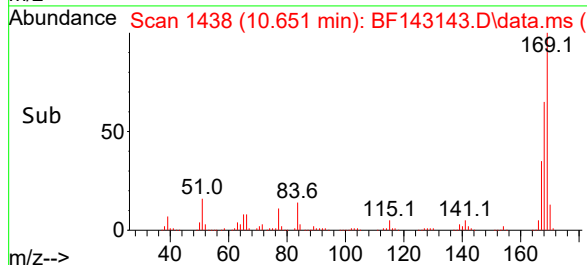
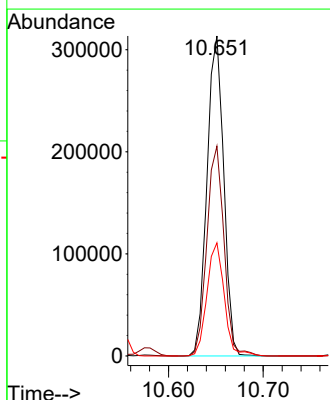
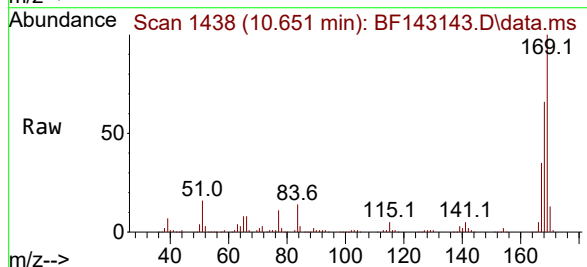
Manual Integrations
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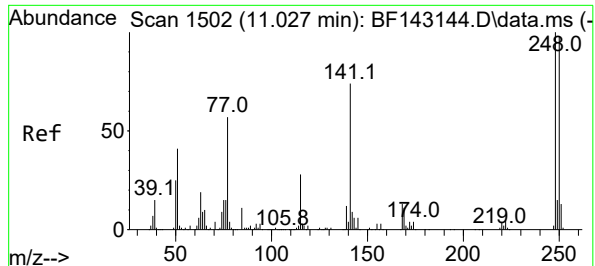
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 20.488 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

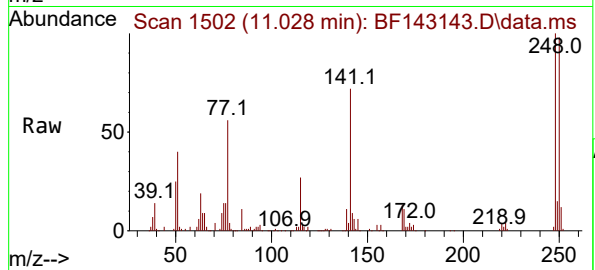
Tgt Ion:169 Resp: 384467
Ion Ratio Lower Upper
169 100
168 65.6 52.1 78.1
167 35.4 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 20.259 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

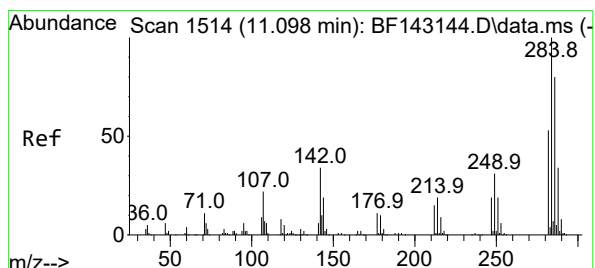
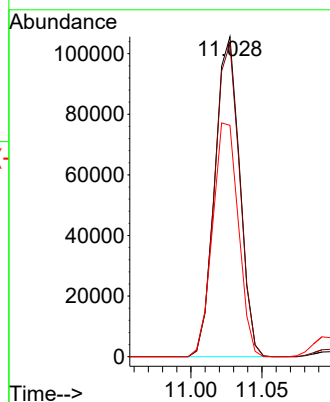
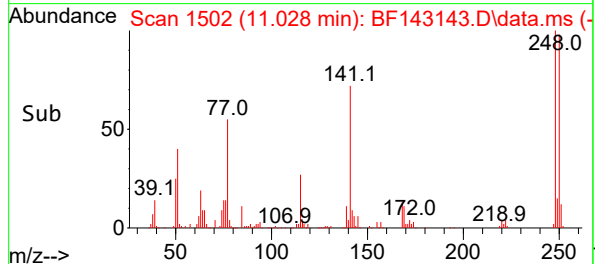
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



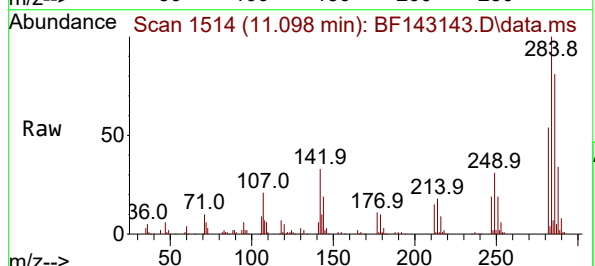
Tgt Ion:248 Resp: 12866
Ion Ratio Lower Upper
248 100
250 97.8 78.3 117.5
141 72.3 59.2 88.8

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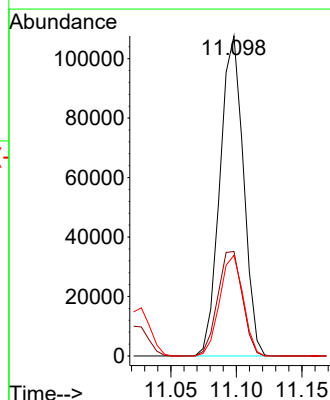
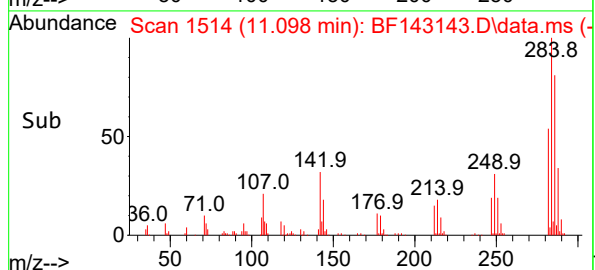
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

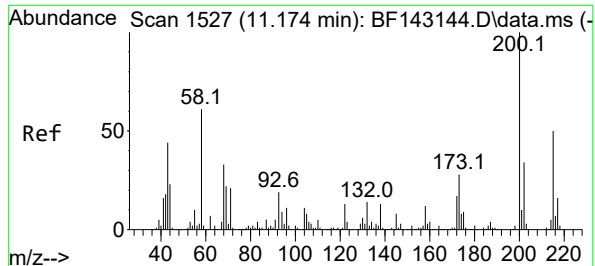


#68
Hexachlorobenzene
Concen: 20.191 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



Tgt Ion:284 Resp: 134031
Ion Ratio Lower Upper
284 100
142 32.7 27.0 40.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 20.370 ng

RT: 11.169 min Scan# 1526

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 105380

Ion Ratio Lower Upper

200 100

173 27.7 7.9 47.9

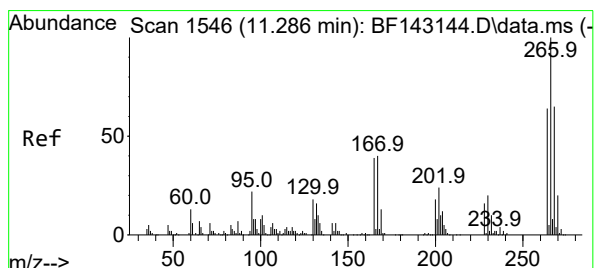
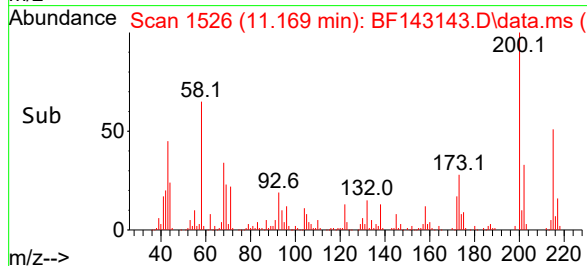
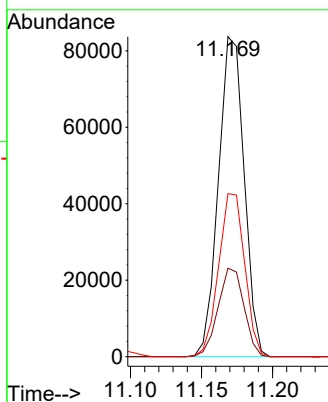
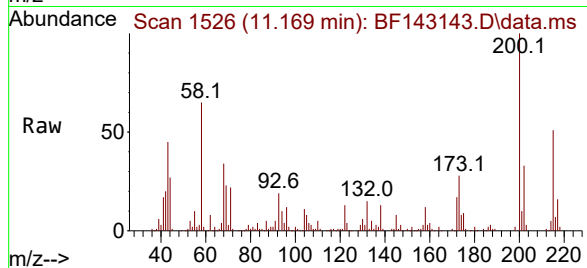
215 51.0 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 19.957 ng

RT: 11.280 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

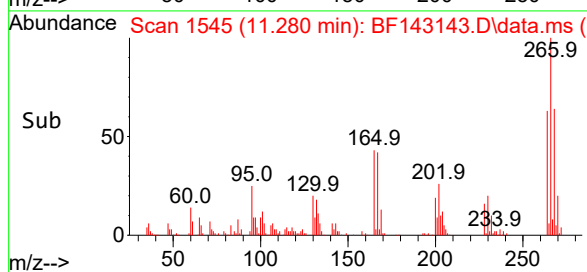
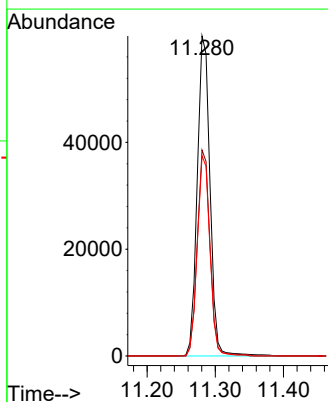
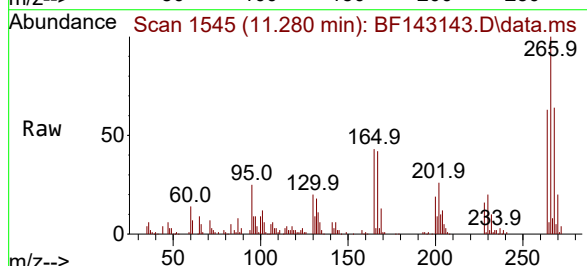
Tgt Ion:266 Resp: 77906

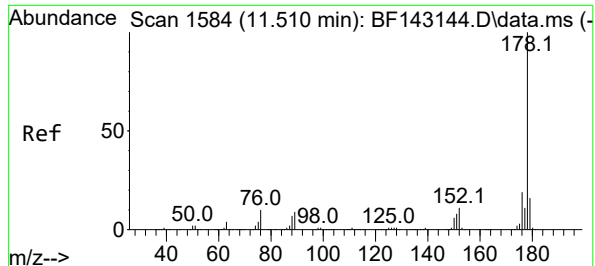
Ion Ratio Lower Upper

266 100

268 64.3 51.9 77.9

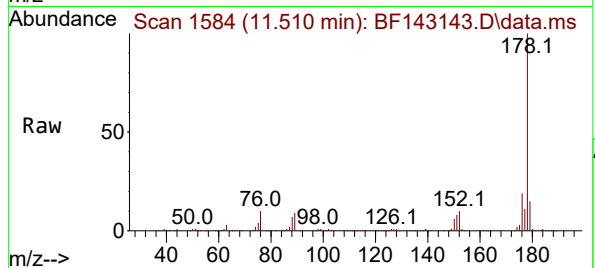
264 62.6 51.0 76.6





#71
Phenanthrene
Concen: 21.042 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

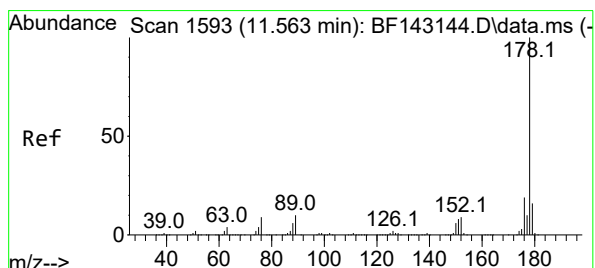
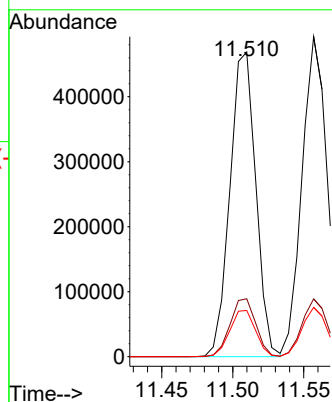
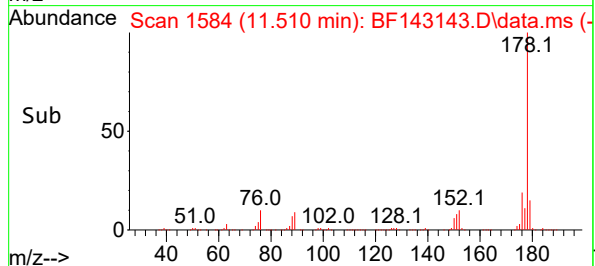
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 59541
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.5 18.7

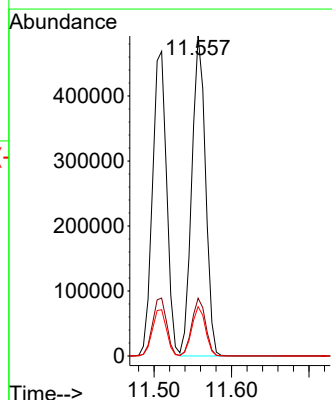
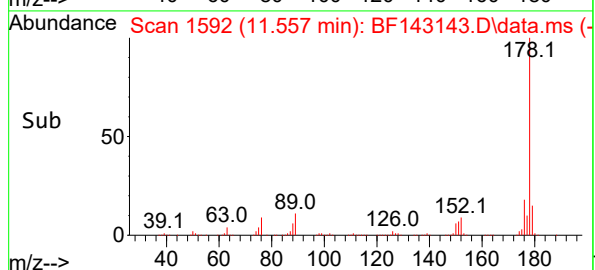
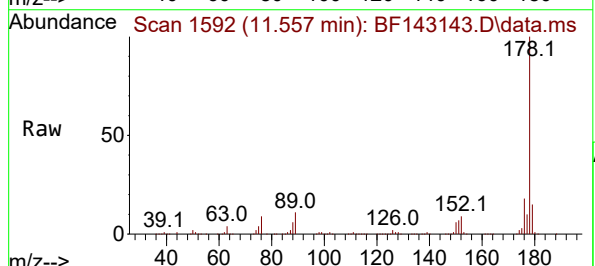
Manual Integrations
APPROVED

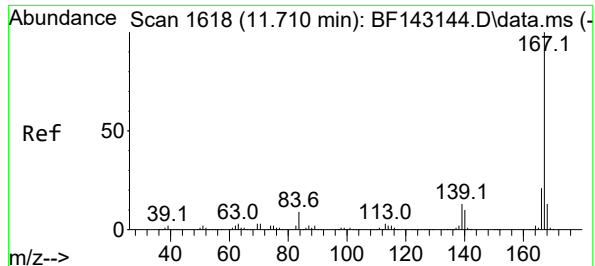
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 20.944 ng
RT: 11.557 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

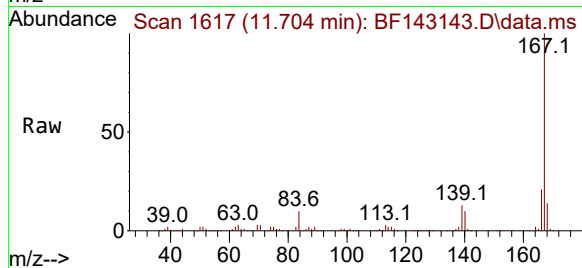
Tgt Ion:178 Resp: 604416
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.4 12.5 18.7





#73
Carbazole
Concen: 20.769 ng
RT: 11.704 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

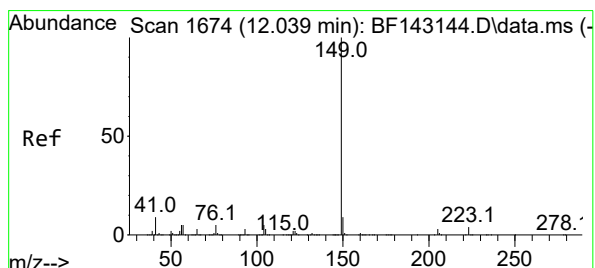
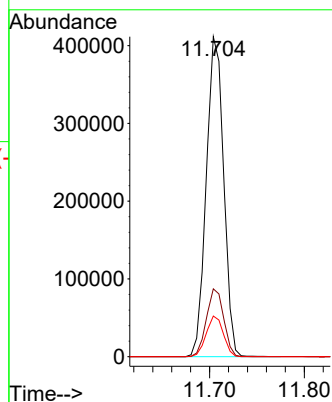
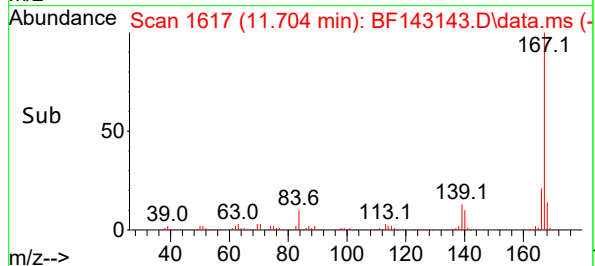
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



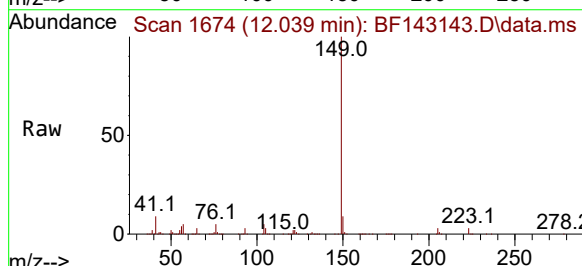
Tgt Ion:167 Resp: 52336
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.7 10.0 15.0

Manual Integrations
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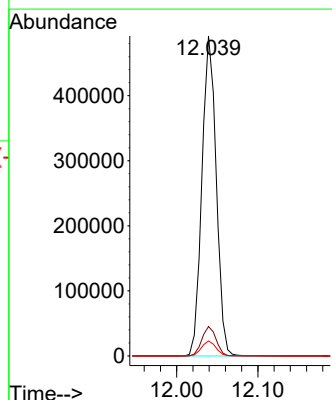
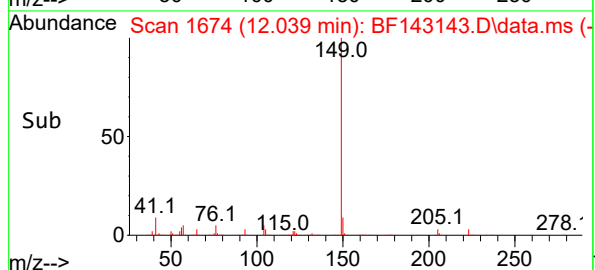
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

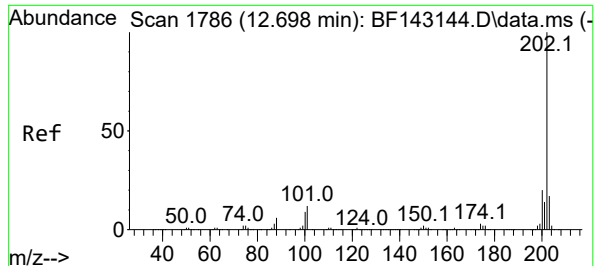


#74
Di-n-butylphthalate
Concen: 21.108 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34



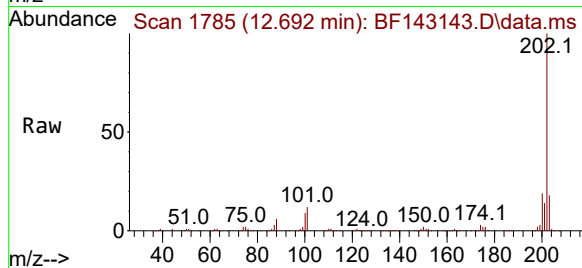
Tgt Ion:149 Resp: 601867
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 20.894 ng
RT: 12.692 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

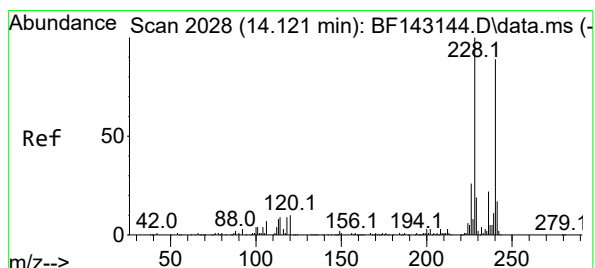
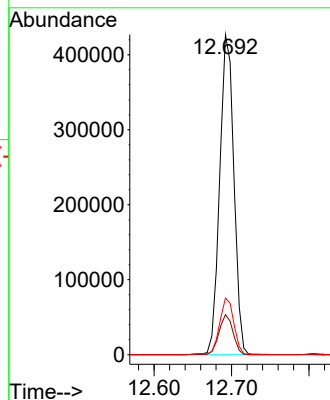
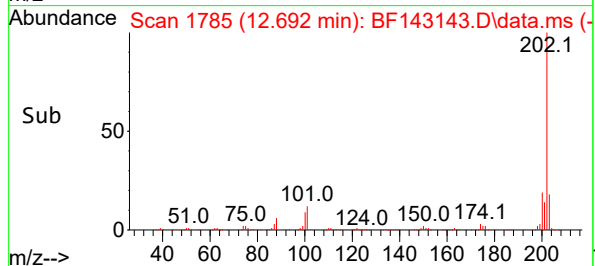
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 542662
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.7 0.0 37.4

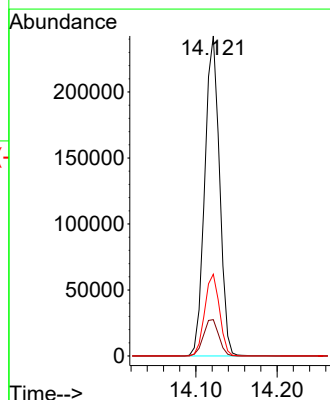
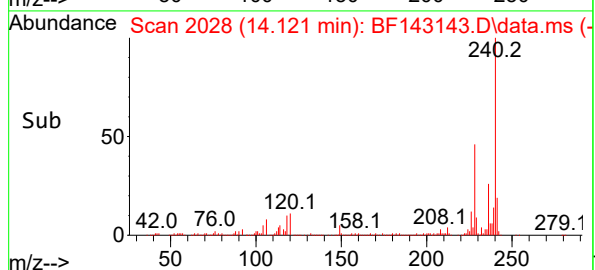
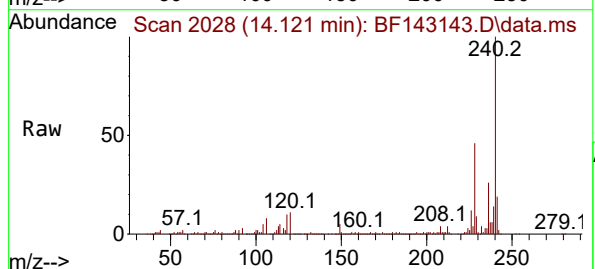
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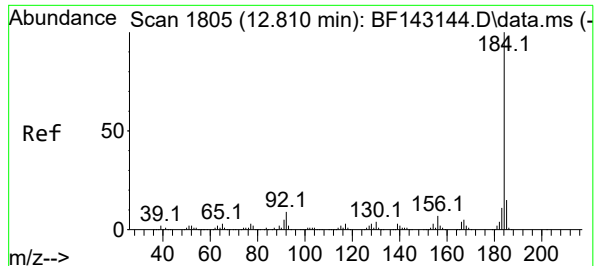
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

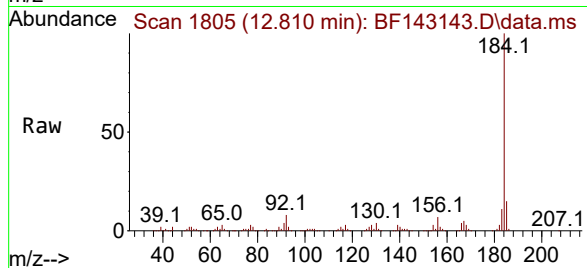
Tgt Ion:240 Resp: 305398
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 25.5 20.2 30.4





#77
Benzidine
Concen: 21.919 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

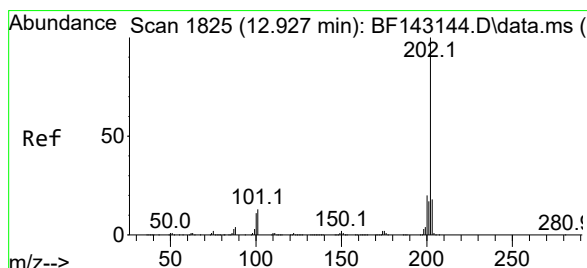
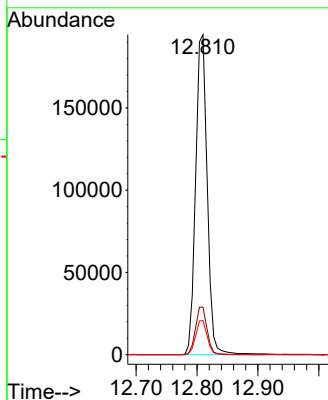
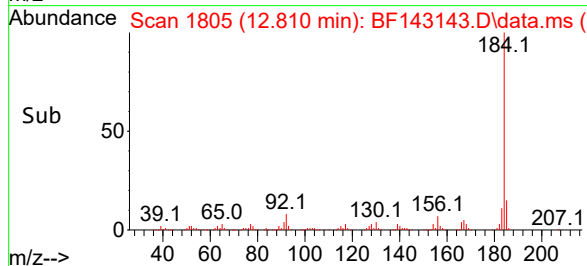
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 257904
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.4
183 10.7 9.0 13.4

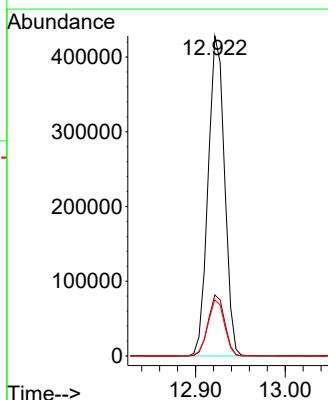
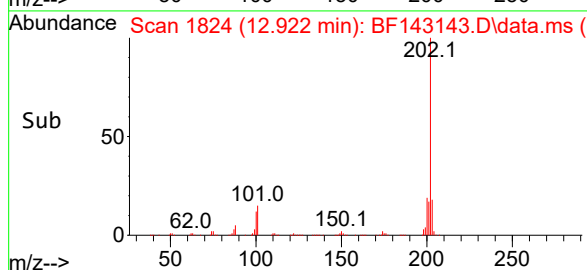
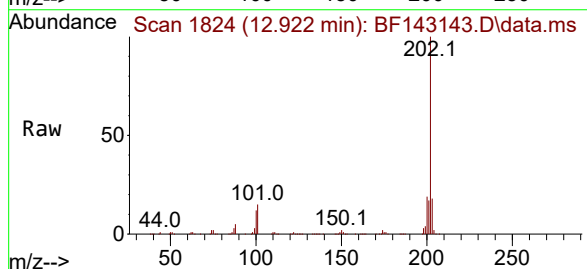
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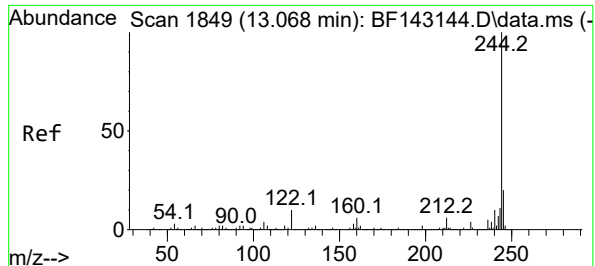
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 20.897 ng
RT: 12.922 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:202 Resp: 544650
Ion Ratio Lower Upper
202 100
200 19.1 15.7 23.5
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 42.238 ng

RT: 13.063 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:244 Resp: 866830

Ion Ratio Lower Upper

244 100

212 6.3 5.2 7.8

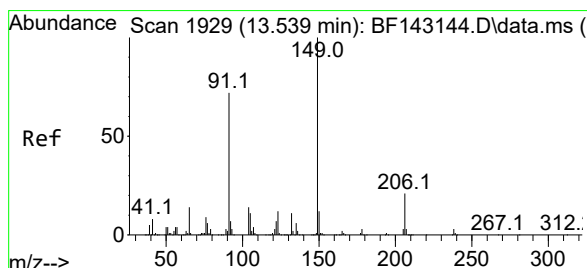
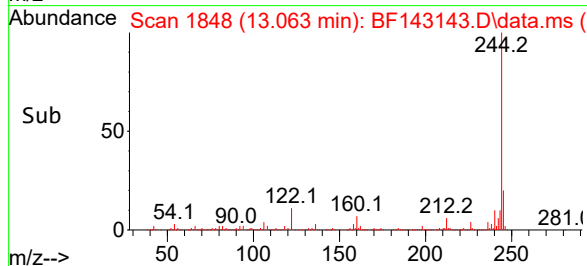
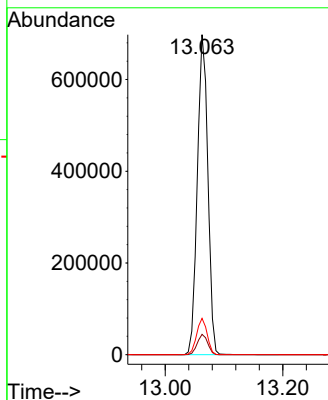
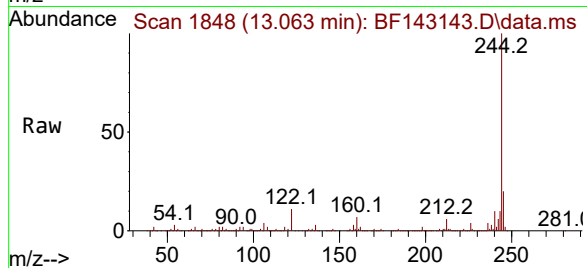
122 11.3 8.2 12.2

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 20.491 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

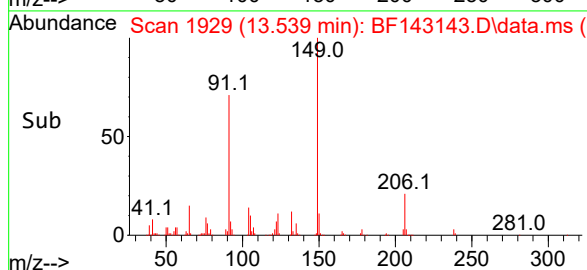
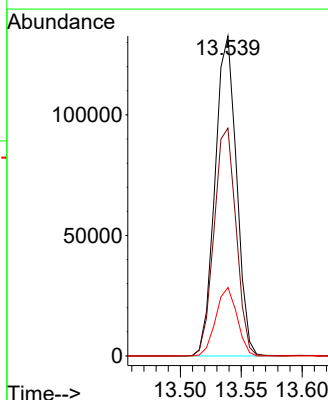
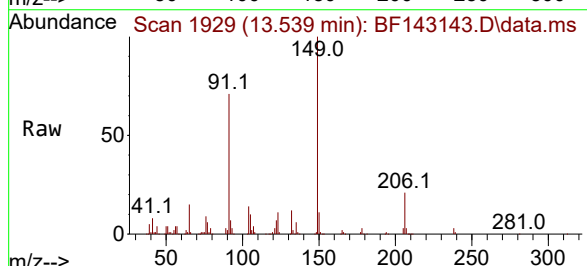
Tgt Ion:149 Resp: 163546

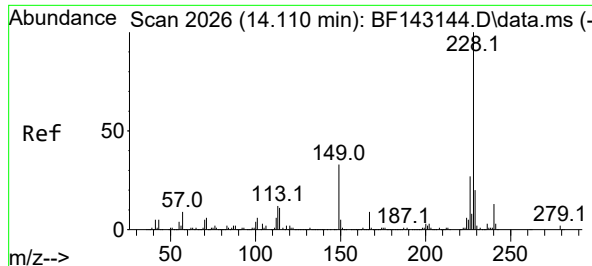
Ion Ratio Lower Upper

149 100

91 71.2 57.9 86.9

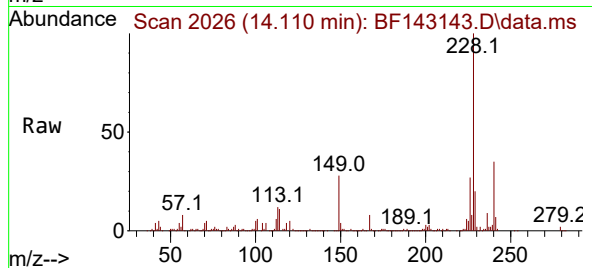
206 21.4 17.0 25.4





#81
Benzo(a)anthracene
Concen: 20.629 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

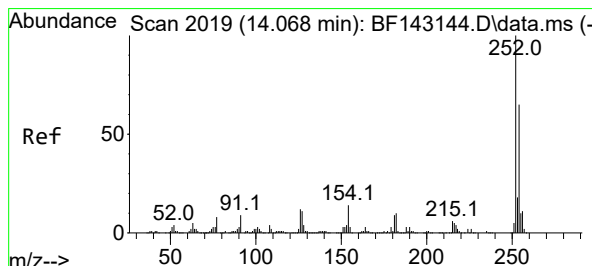
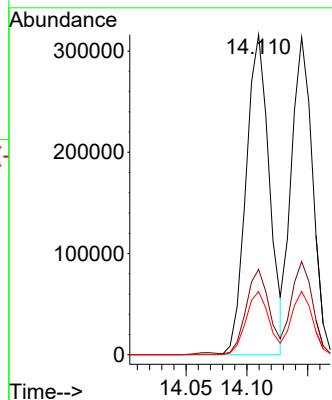
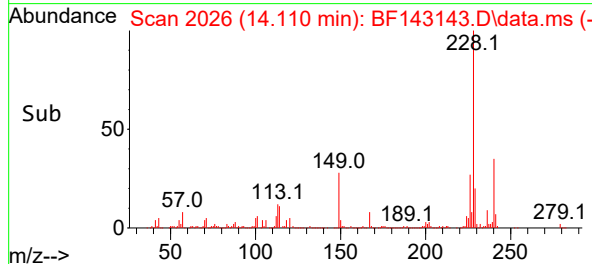
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 42179
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.8 15.8 23.6

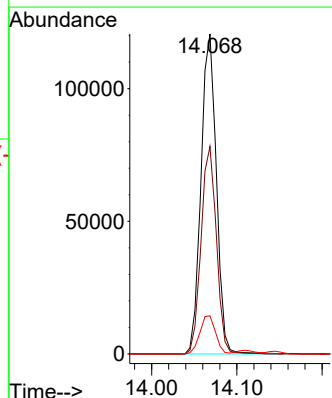
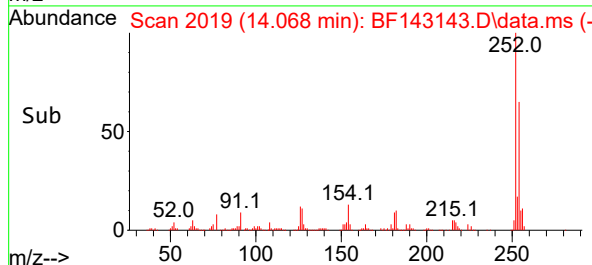
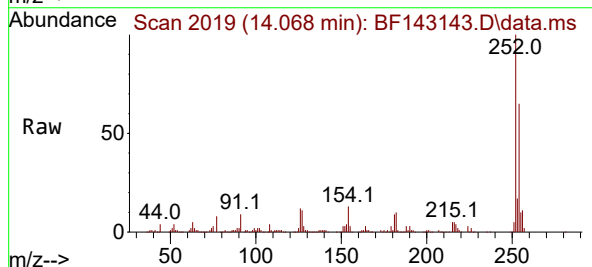
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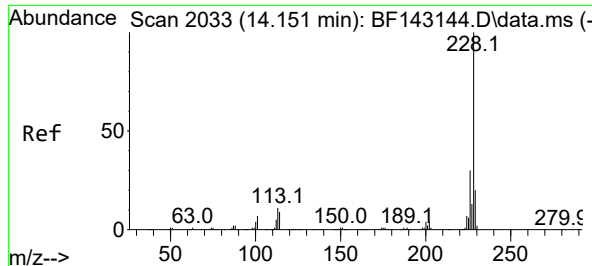
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 22.181 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

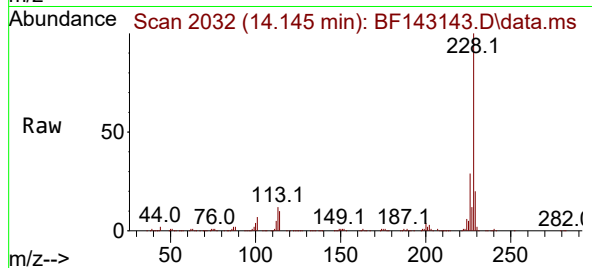
Tgt Ion:252 Resp: 151153
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 12.0 9.4 14.0





#83
Chrysene
Concen: 20.714 ng
RT: 14.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

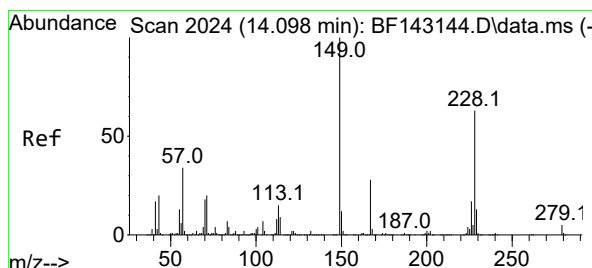
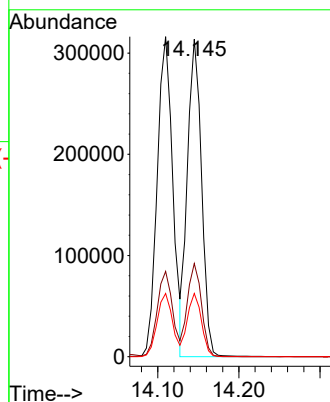
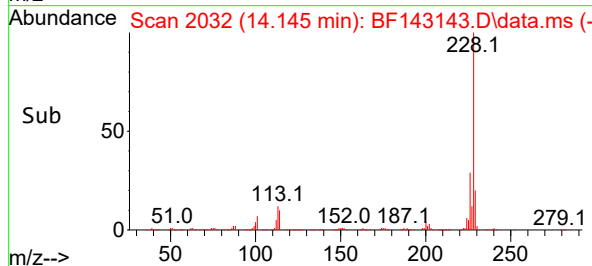
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 380799
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.8
229 19.9 15.6 23.4

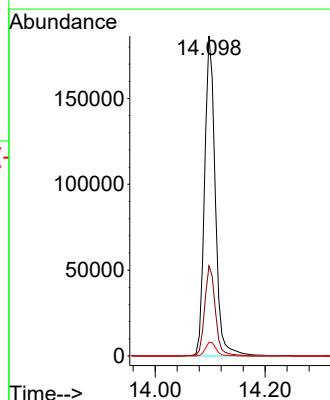
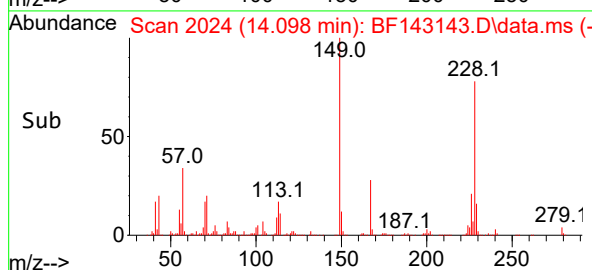
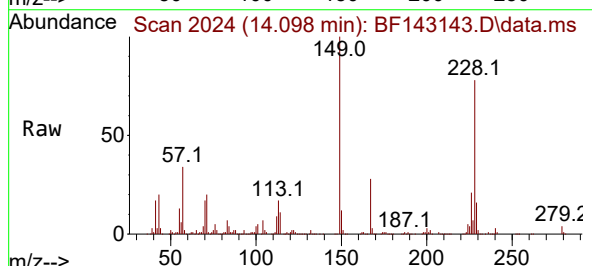
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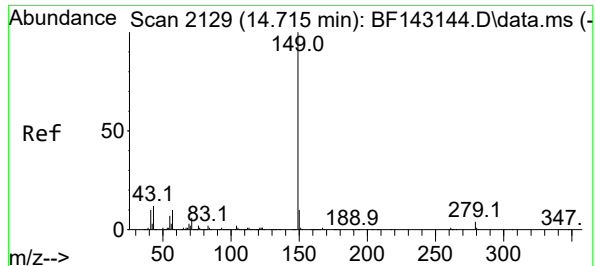
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.839 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

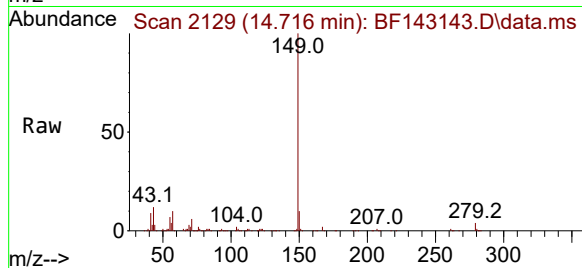
Tgt Ion:149 Resp: 251739
Ion Ratio Lower Upper
149 100
167 28.2 22.3 33.5
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 19.916 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

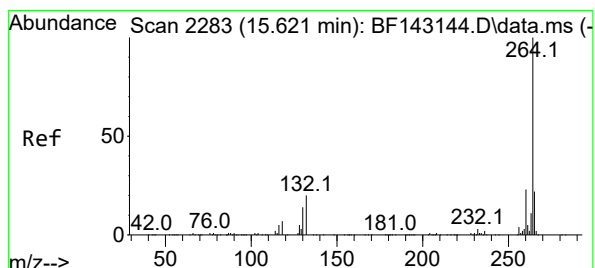
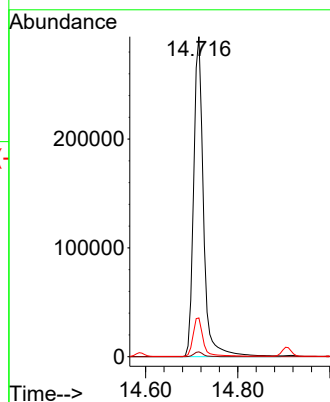
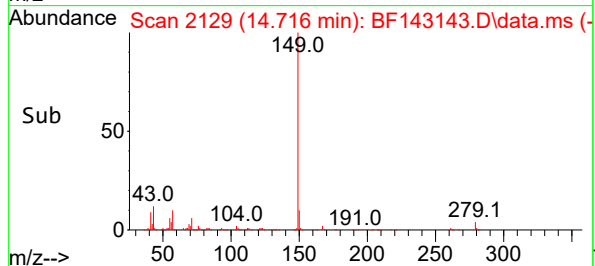
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 436102
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.4 9.7 14.5

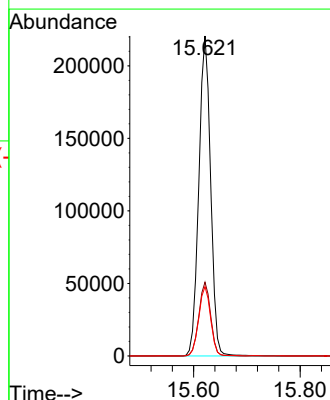
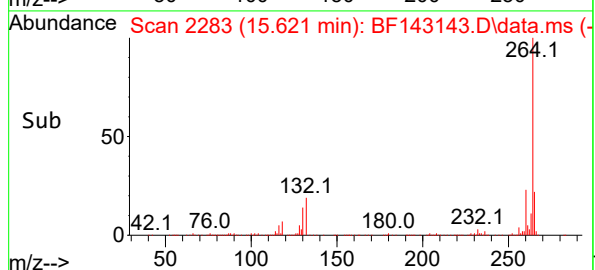
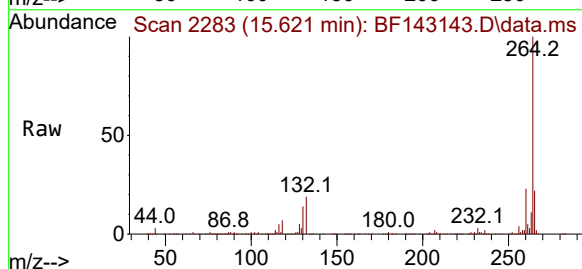
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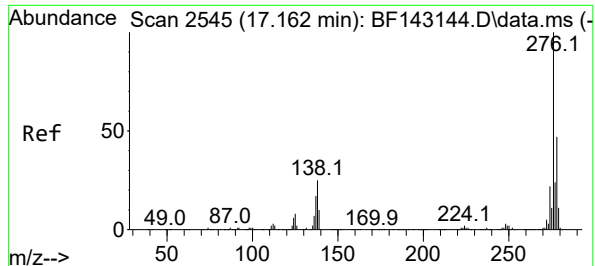
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

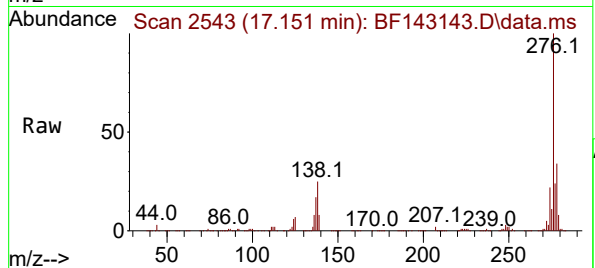
Tgt Ion:264 Resp: 338518
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.286 ng
RT: 17.151 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

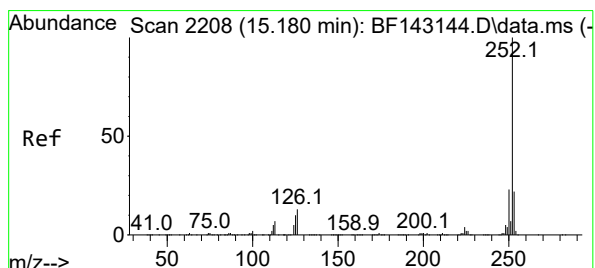
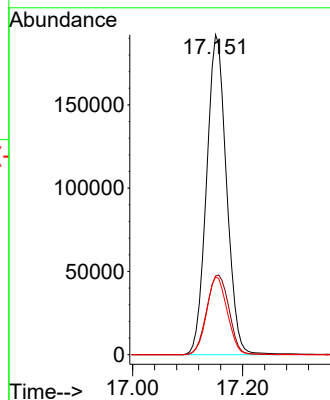
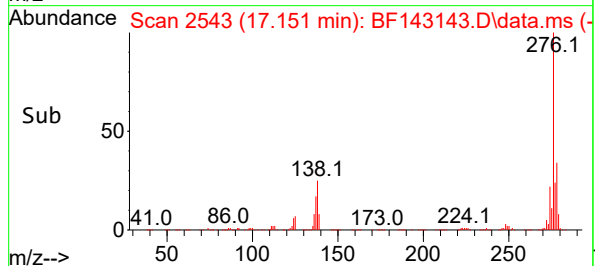
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 484240
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.6
277 25.3 20.0 30.0

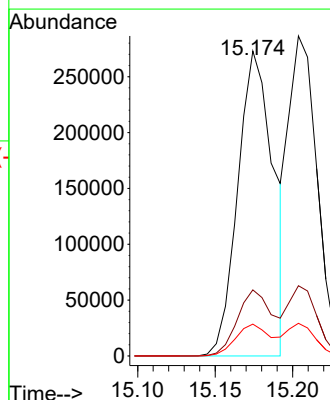
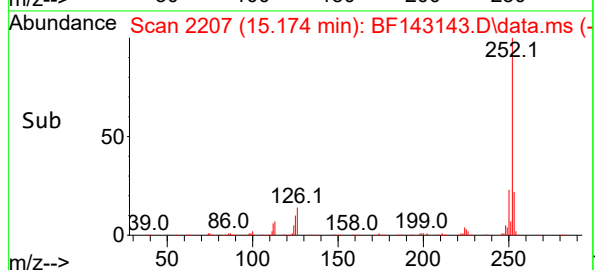
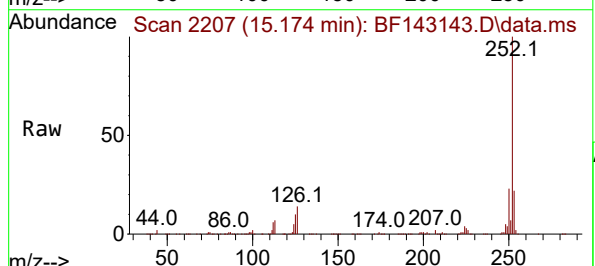
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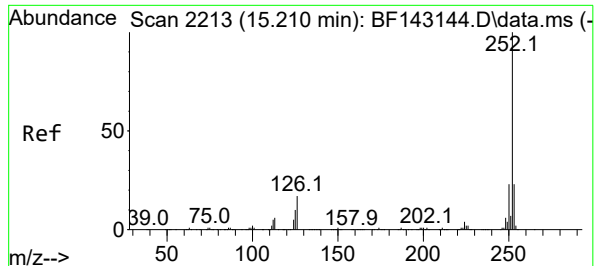
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 21.071 ng
RT: 15.174 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:252 Resp: 435747
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 20.044 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 369899

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

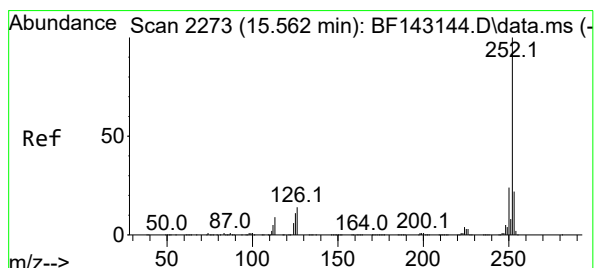
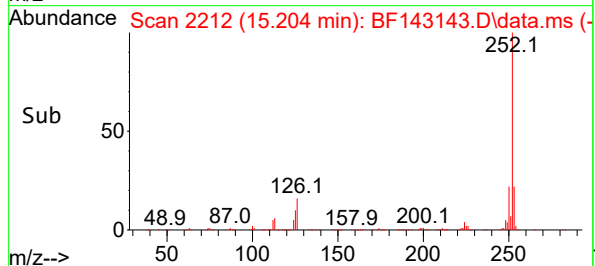
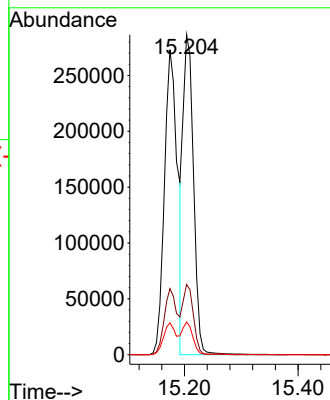
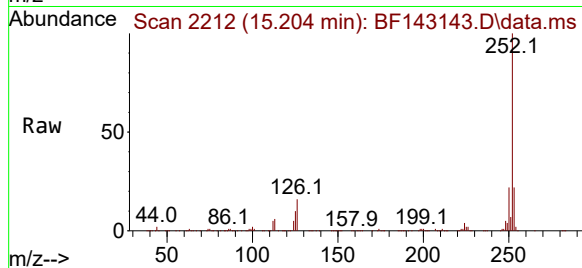
125 10.2 8.1 12.1

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 20.371 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF143143.D

Acq: 17 Jul 2025 12:34

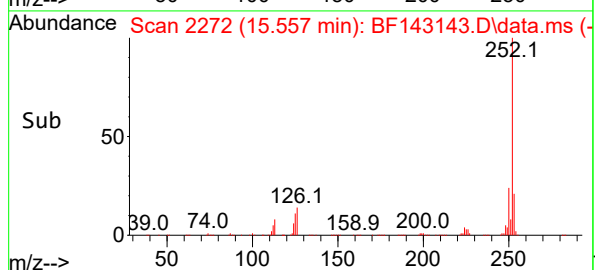
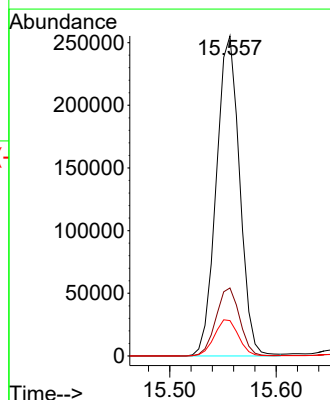
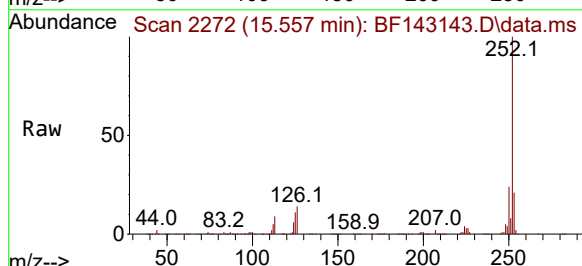
Tgt Ion:252 Resp: 388136

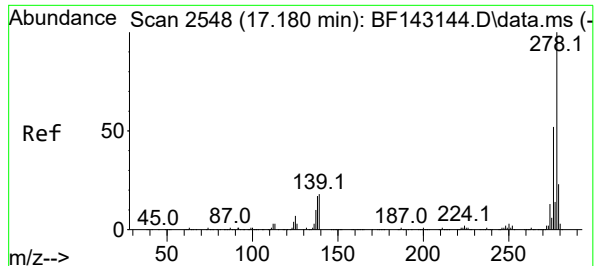
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

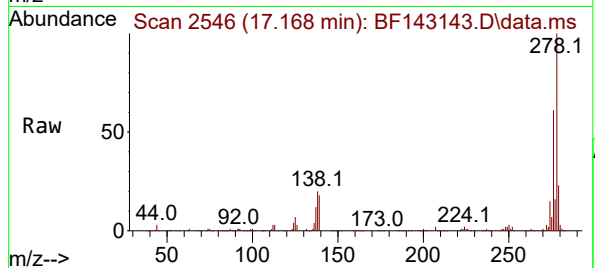
125 11.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 20.534 ng
RT: 17.168 min Scan# 2546
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

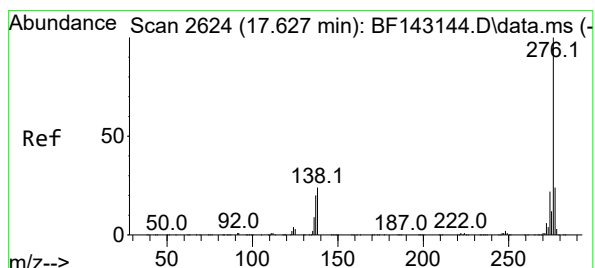
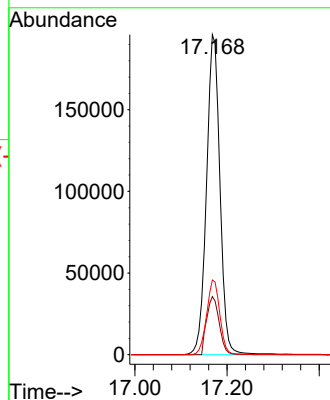
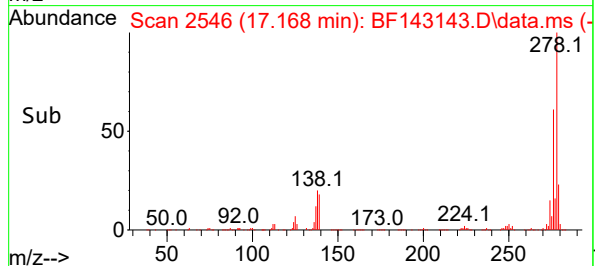
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 398949
Ion Ratio Lower Upper
278 100
139 18.2 14.1 21.1
279 23.4 18.6 28.0

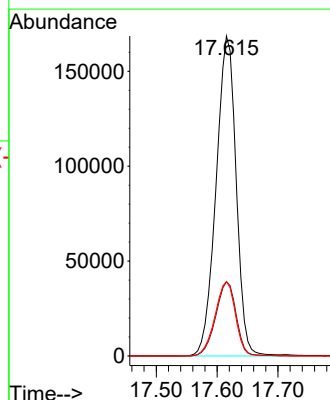
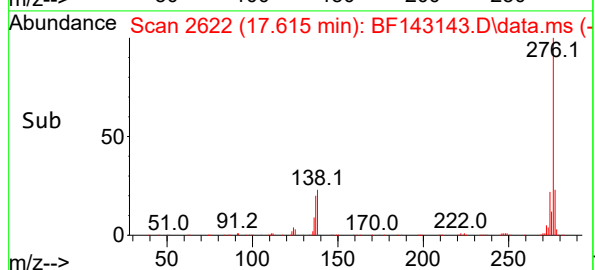
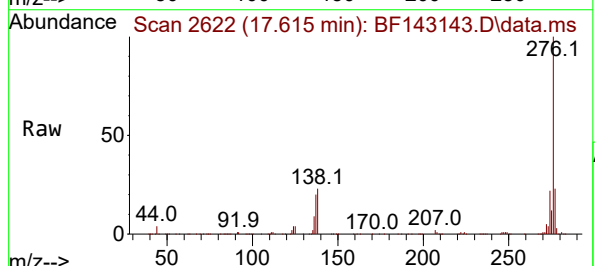
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 20.534 ng
RT: 17.615 min Scan# 2622
Delta R.T. -0.012 min
Lab File: BF143143.D
Acq: 17 Jul 2025 12:34

Tgt Ion:276 Resp: 385915
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 23.3 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143144.D
 Acq On : 17 Jul 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:03:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	167098	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	641413	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	331881	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	542726	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296414	20.000	ng	0.00
86) Perylene-d12	15.621	264	323574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	823062	77.946	ng	0.00
7) Phenol-d6	6.587	99	1038821	78.160	ng	0.00
23) Nitrobenzene-d5	7.522	82	1023138	79.512	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	279373	81.485	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1802398	74.274	ng	0.00
79) Terphenyl-d14	13.068	244	1554923	78.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	200396	40.108	ng	100
3) Pyridine	3.587	79	511417	39.435	ng	100
4) n-Nitrosodimethylamine	3.534	42	270676	40.426	ng	100
6) Aniline	6.622	93	736668	39.770	ng	100
8) 2-Chlorophenol	6.745	128	437914	39.565	ng	100
9) Benzaldehyde	6.516	77	482238	48.387	ng	100
10) Phenol	6.598	94	571741m	39.487	ng	
11) bis(2-Chloroethyl)ether	6.692	93	435450	39.279	ng	100
12) 1,3-Dichlorobenzene	6.904	146	468194	38.939	ng	100
13) 1,4-Dichlorobenzene	6.981	146	474015	39.147	ng	100
14) 1,2-Dichlorobenzene	7.134	146	448808	38.970	ng	100
15) Benzyl Alcohol	7.098	79	406107	40.017	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	808980	39.337	ng	100
17) 2-Methylphenol	7.204	107	366495	39.381	ng	100
18) Hexachloroethane	7.481	117	165263	39.425	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	329619	38.656	ng	100
20) 3+4-Methylphenols	7.357	107	448100	39.685	ng	100
22) Acetophenone	7.369	105	583796	38.444	ng	100
24) Nitrobenzene	7.545	77	481500	40.136	ng	100
25) Isophorone	7.781	82	888017	39.093	ng	100
26) 2-Nitrophenol	7.857	139	220354	42.323	ng	100
27) 2,4-Dimethylphenol	7.886	122	416128	39.210	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	529258	38.860	ng	100
29) 2,4-Dichlorophenol	8.098	162	353866	39.537	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	376590	38.947	ng	100
31) Naphthalene	8.269	128	1224033	38.749	ng	100
32) Benzoic acid	7.992	122	230958m	39.680	ng	
33) 4-Chloroaniline	8.310	127	500402	38.796	ng	100
34) Hexachlorobutadiene	8.386	225	231609	39.211	ng	100
35) Caprolactam	8.681	113	111733	41.312	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	385507	39.628	ng	100
37) 2-Methylnaphthalene	8.957	142	744295	38.720	ng	100
38) 1-Methylnaphthalene	9.057	142	768508	38.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	365234	38.118	ng	100
41) Hexachlorocyclopentadiene	9.116	237	247480	39.695	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	255115	38.471	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143144.D
 Acq On : 17 Jul 2025 13:03
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	268615	40.494	ng	100
46) 1,1'-Biphenyl	9.422	154	988537	38.177	ng	100
47) 2-Chloronaphthalene	9.445	162	731879	38.200	ng	100
48) 2-Nitroaniline	9.533	65	249908	41.594	ng	100
49) Acenaphthylene	9.863	152	1234789	38.458	ng	100
50) Dimethylphthalate	9.716	163	848828	39.238	ng	100
51) 2,6-Dinitrotoluene	9.775	165	184242	41.866	ng	100
52) Acenaphthene	10.033	154	727386	38.330	ng	100
53) 3-Nitroaniline	9.945	138	210179	40.832	ng	100
54) 2,4-Dinitrophenol	10.045	184	69157	38.449	ng	100
55) Dibenzofuran	10.204	168	1083678	38.462	ng	100
56) 4-Nitrophenol	10.086	139	163009	42.408	ng	100
57) 2,4-Dinitrotoluene	10.175	165	235101	42.581	ng	100
58) Fluorene	10.551	166	804336	38.037	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	220872	40.196	ng	100
60) Diethylphthalate	10.416	149	842184	39.387	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	406477	38.604	ng	100
62) 4-Nitroaniline	10.557	138	185530	42.055	ng	100
63) Azobenzene	10.698	77	876387	39.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	105533	38.322	ng	100
66) n-Nitrosodiphenylamine	10.657	169	731532	38.278	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	247764	38.307	ng	100
68) Hexachlorobenzene	11.098	284	259758	38.424	ng	100
69) Atrazine	11.174	200	212970	40.421	ng	100
70) Pentachlorophenol	11.286	266	161013	40.500	ng	100
71) Phenanthrene	11.510	178	1107412	38.429	ng	100
72) Anthracene	11.563	178	1126710	38.336	ng	100
73) Carbazole	11.710	167	1008669	39.304	ng	100
74) Di-n-butylphthalate	12.039	149	1165443	40.135	ng	100
75) Fluoranthene	12.698	202	1034509	39.111	ng	100
77) Benzidine	12.810	184	564732	49.451	ng	100
78) Pyrene	12.927	202	1016822	40.195	ng	100
80) Butylbenzylphthalate	13.539	149	322273	41.603	ng	100
81) Benzo(a)anthracene	14.110	228	759726	38.283	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	254099	38.418	ng	100
83) Chrysene	14.151	228	715222	40.085	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	467892	39.906	ng	100
85) Di-n-octyl phthalate	14.715	149	820264	38.595	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	914626	40.086	ng	100
88) Benzo(b)fluoranthene	15.180	252	742346	37.554	ng	100
89) Benzo(k)fluoranthene	15.210	252	733635	41.591	ng	100
90) Benzo(a)pyrene	15.562	252	725344	39.826	ng	100
91) Dibenzo(a,h)anthracene	17.180	278	742180	39.964	ng	100
92) Benzo(g,h,i)perylene	17.627	276	717648	39.949	ng	100

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

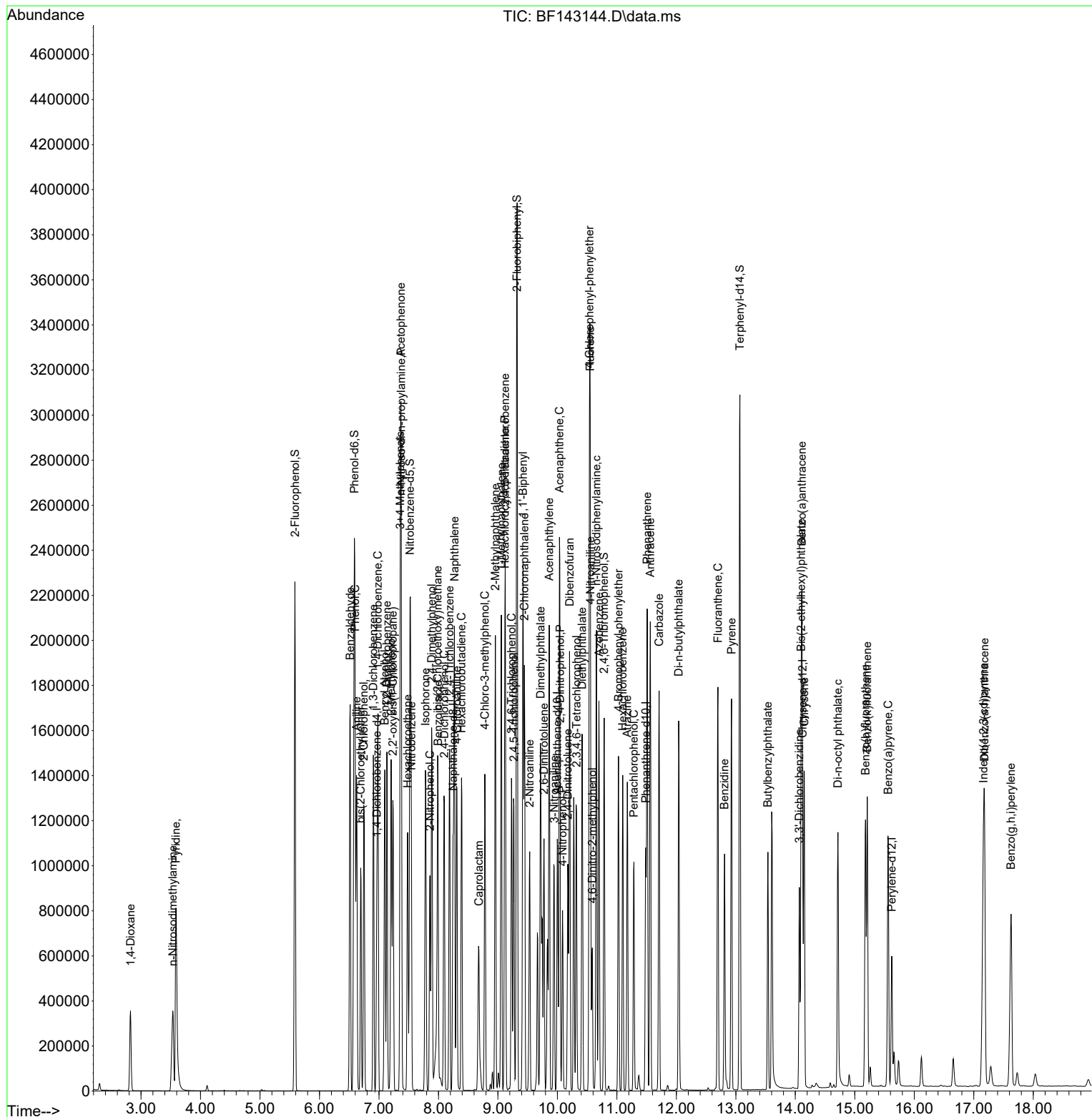
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Data File : BF143144.D  
Acq On    : 17 Jul 2025 13:03  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 7    Sample Multiplier: 1
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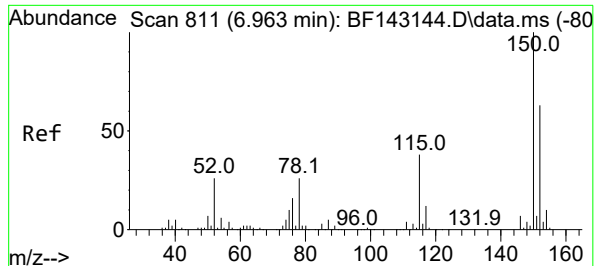
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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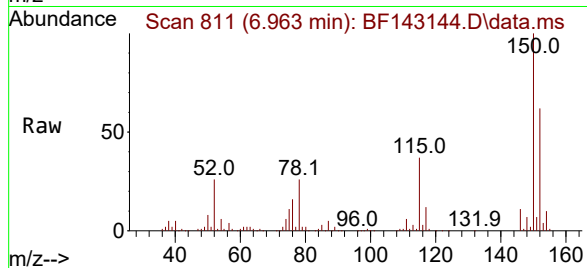
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

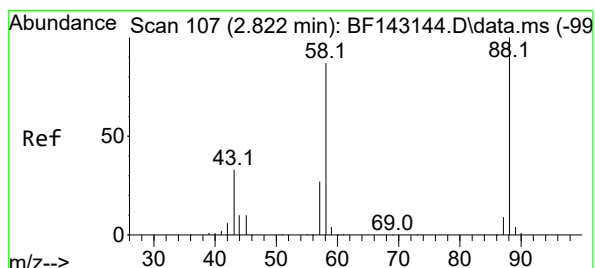
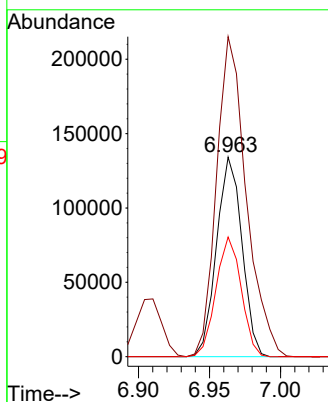
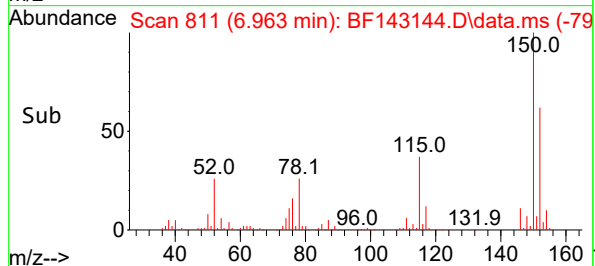
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 167098
Ion Ratio Lower Upper
152 100
150 160.3 128.2 192.4
115 59.9 47.9 71.9

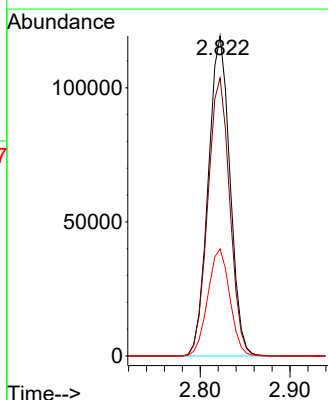
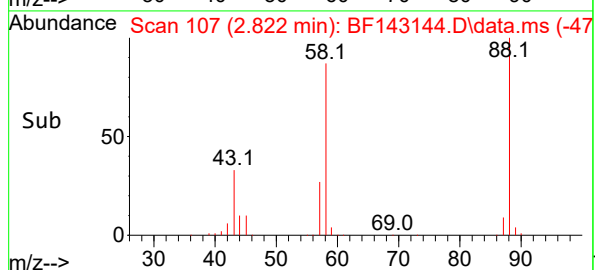
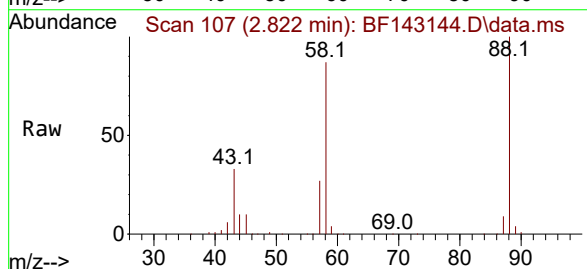
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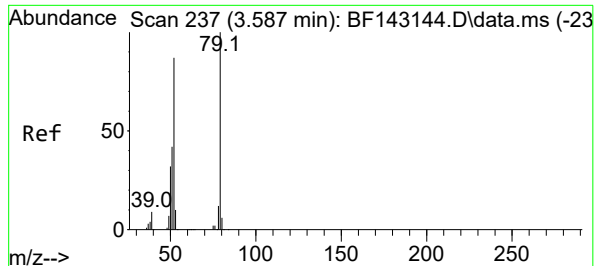
Reviewed By :Rahul Chavli 07/18/2025
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#2
1,4-Dioxane
Concen: 40.108 ng
RT: 2.822 min Scan# 107
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 88 Resp: 200396
Ion Ratio Lower Upper
88 100
58 87.7 70.2 105.2
43 33.9 27.1 40.7





#3

Pyridine

Concen: 39.435 ng

RT: 3.587 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 51141

Ion Ratio Lower Upper

79 100

52 86.8 69.4 104.2

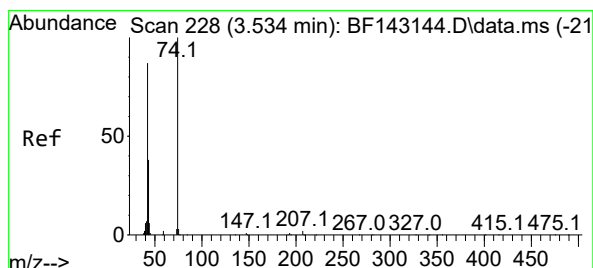
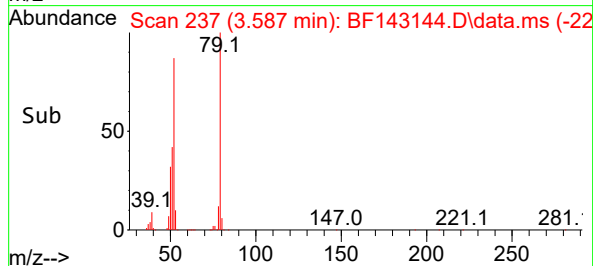
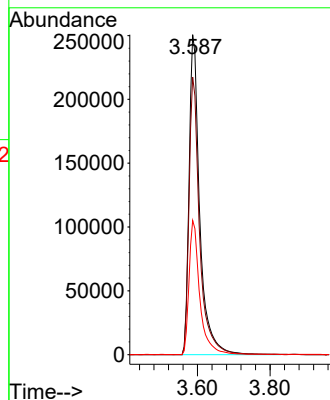
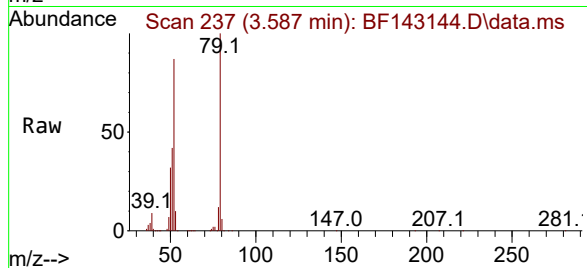
51 41.9 33.5 50.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.426 ng

RT: 3.534 min Scan# 228

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

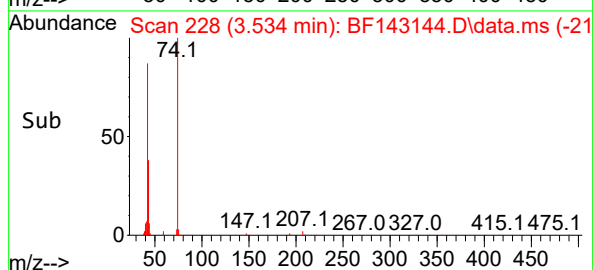
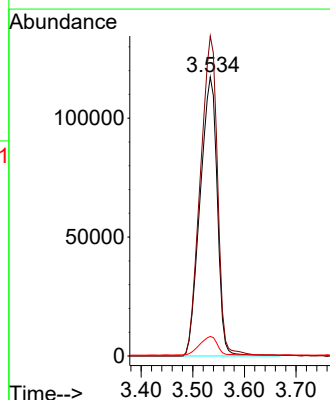
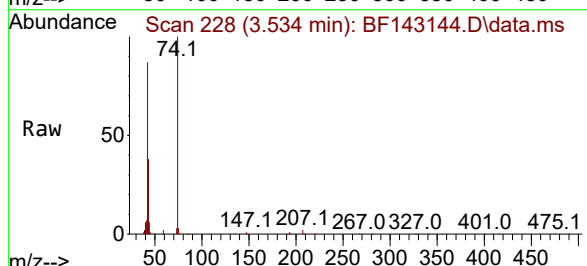
Tgt Ion: 42 Resp: 270676

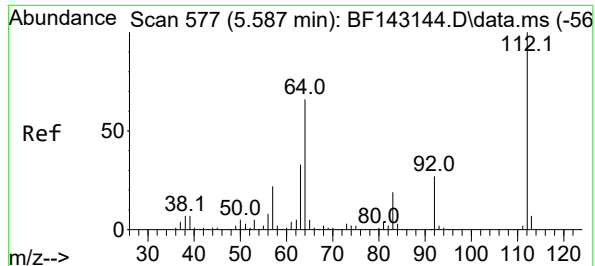
Ion Ratio Lower Upper

42 100

74 114.6 91.7 137.5

44 7.0 5.6 8.4





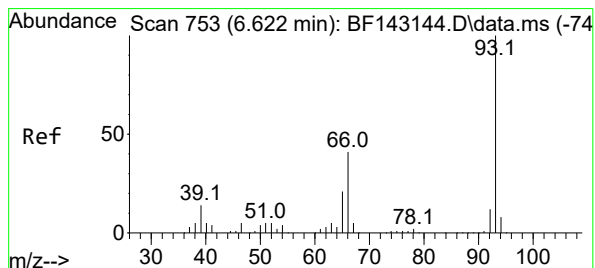
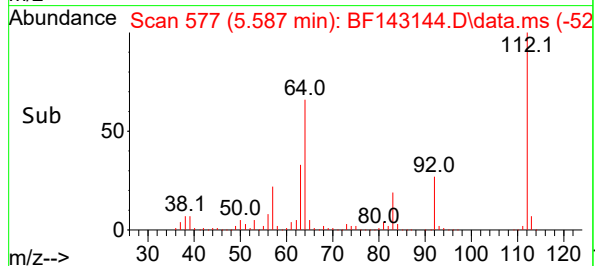
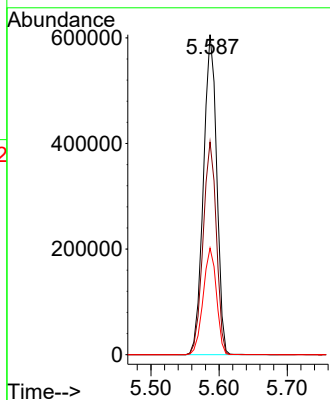
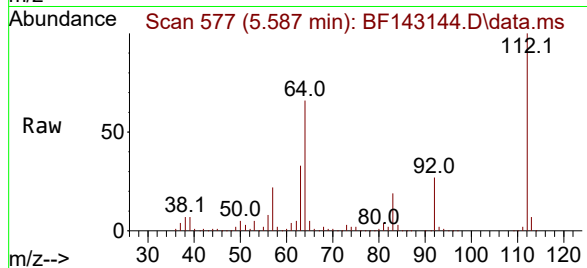
#5
2-Fluorophenol
Concen: 77.946 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 823062
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.3 26.6 40.0

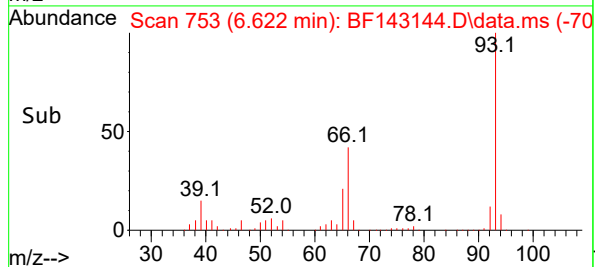
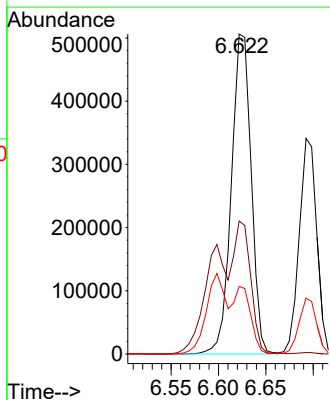
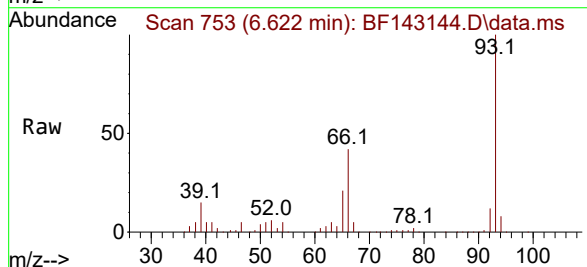
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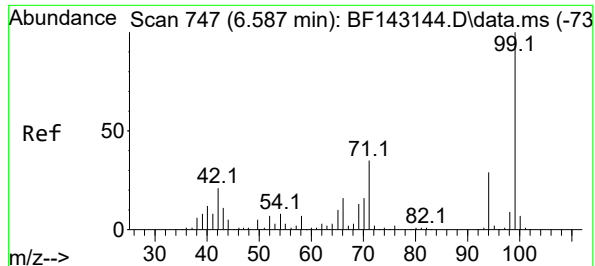
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 39.770 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion: 93 Resp: 736668
Ion Ratio Lower Upper
93 100
66 41.5 33.2 49.8
65 21.1 16.9 25.3





#7

Phenol-d6

Concen: 78.160 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 103882

Ion Ratio Lower Upper

99 100

42 21.3 17.0 25.6

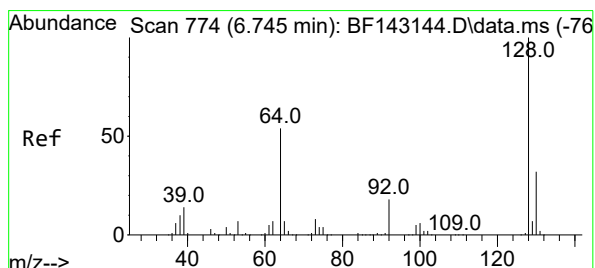
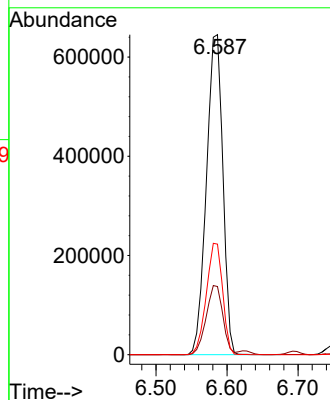
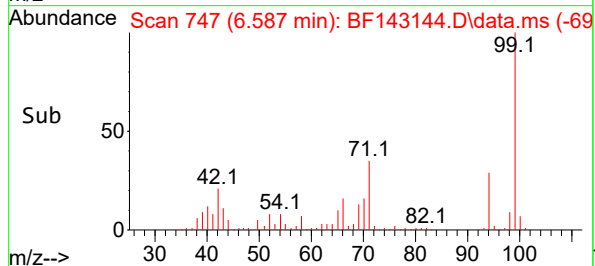
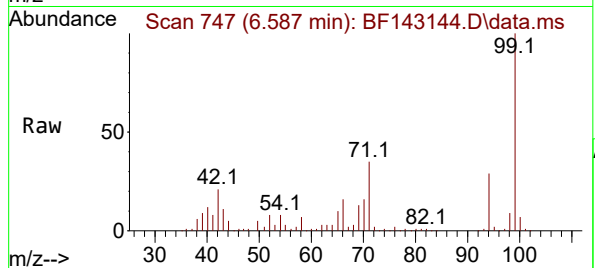
71 34.6 27.7 41.5

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#8

2-Chlorophenol

Concen: 39.565 ng

RT: 6.745 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

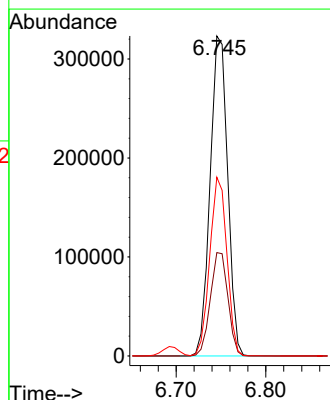
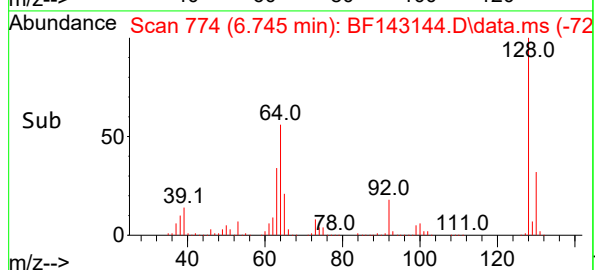
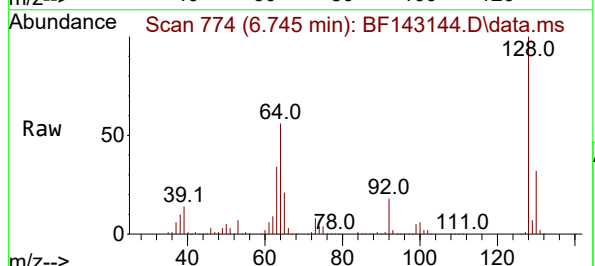
Tgt Ion:128 Resp: 437914

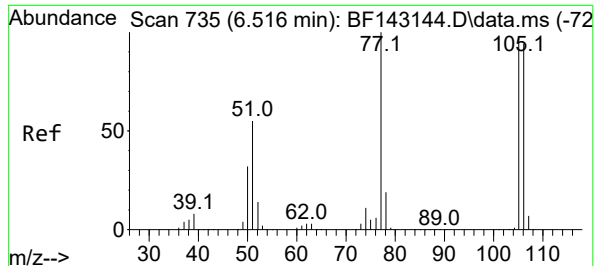
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 55.9 35.9 75.9





#9

Benzaldehyde

Concen: 48.387 ng

RT: 6.516 min Scan# 735

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 482238

Ion Ratio Lower Upper

77 100

105 96.8 76.8 116.8

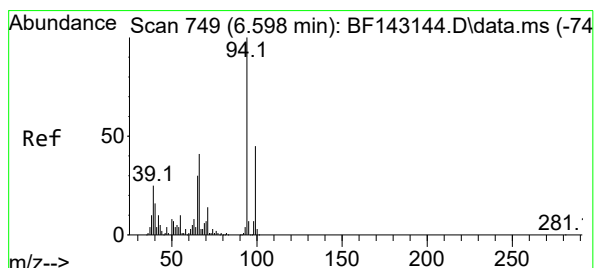
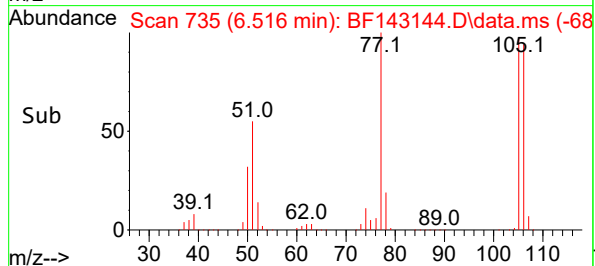
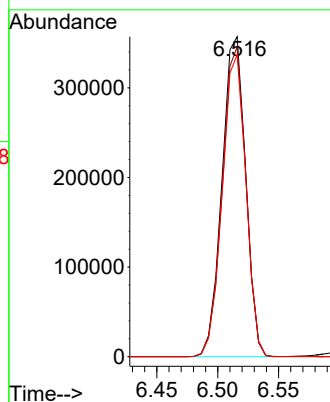
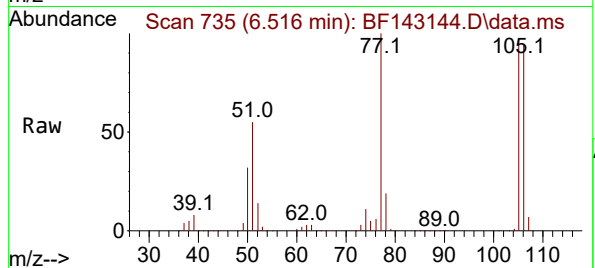
106 94.4 74.4 114.4

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#10

Phenol

Concen: 39.487 ng m

RT: 6.598 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

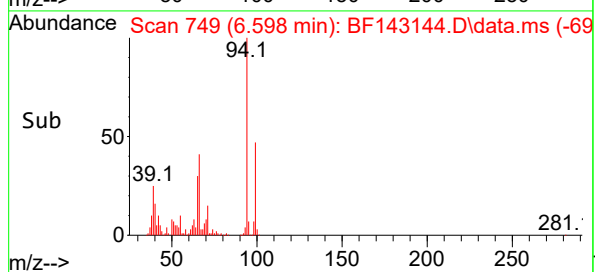
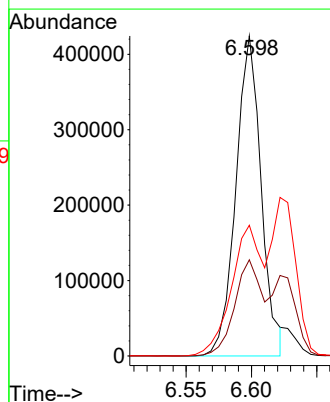
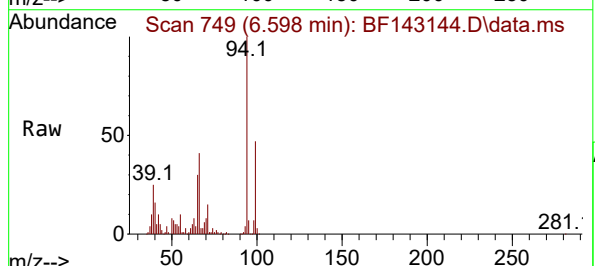
Tgt Ion: 94 Resp: 571741

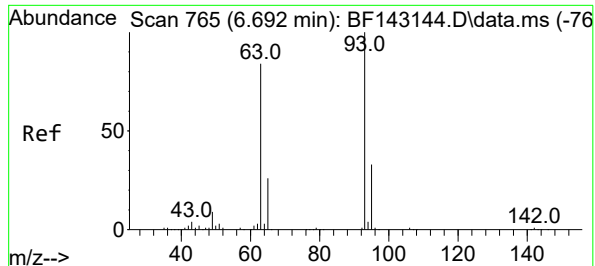
Ion Ratio Lower Upper

94 100

65 30.0 10.0 50.0

66 40.8 20.8 60.8





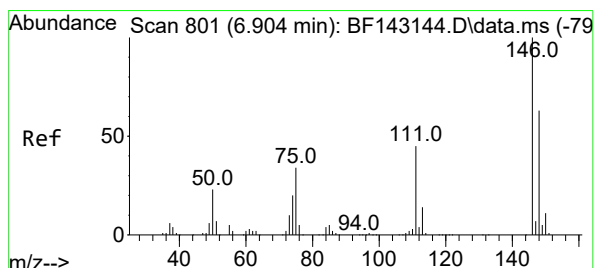
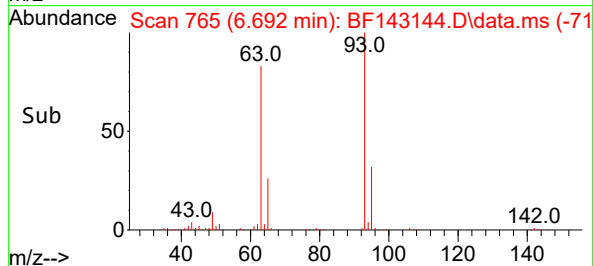
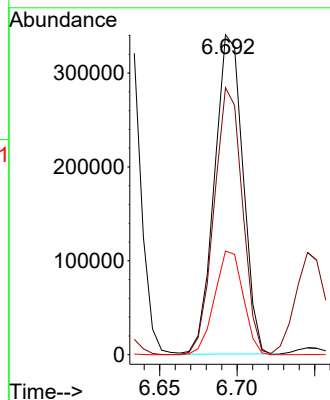
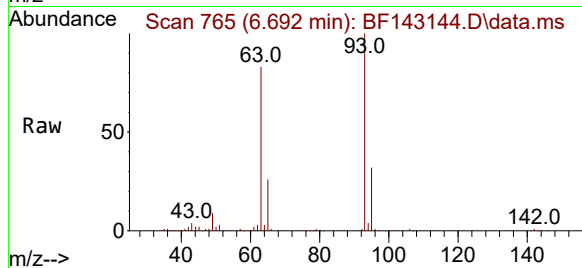
#11
bis(2-Chloroethyl)ether
Concen: 39.279 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 435450
Ion Ratio Lower Upper
93 100
63 83.4 63.4 103.4
95 32.4 12.4 52.4

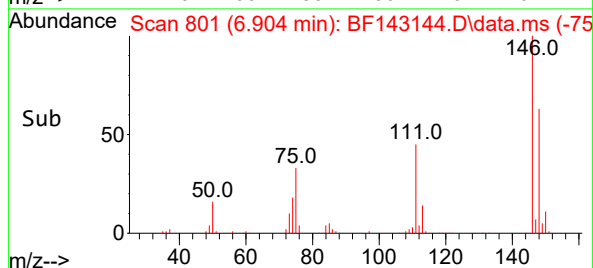
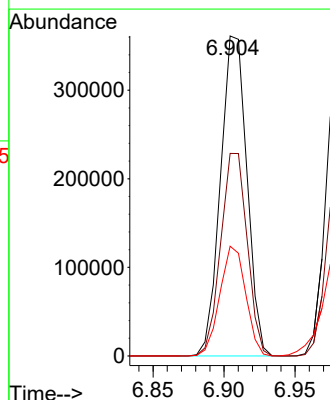
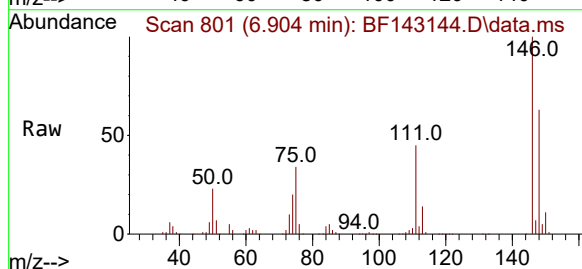
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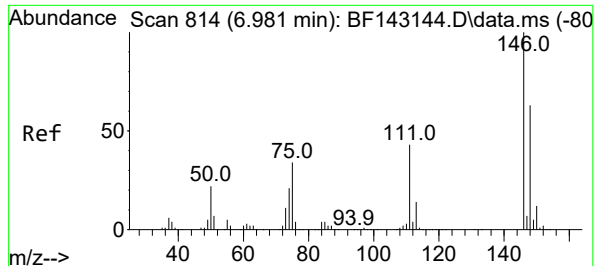
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 38.939 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:146 Resp: 468194
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 34.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.147 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 474015

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

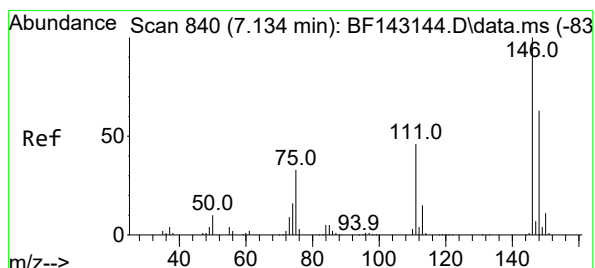
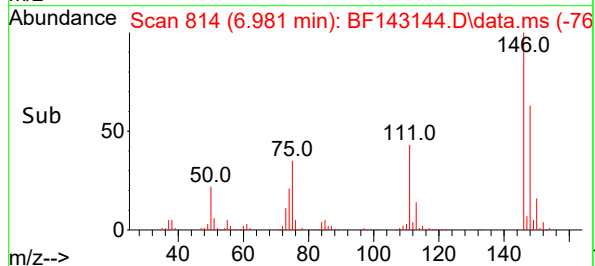
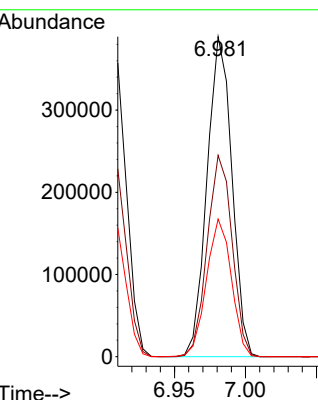
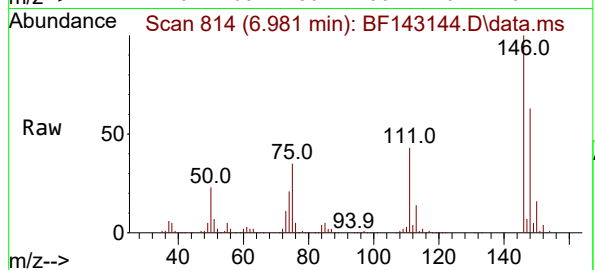
111 43.0 34.4 51.6

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 38.970 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

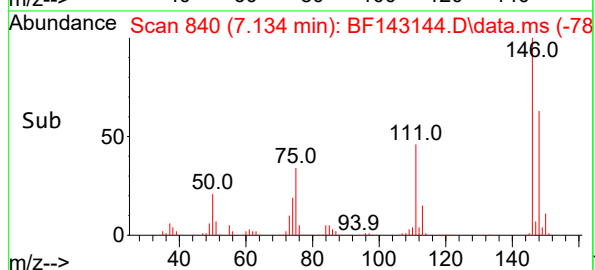
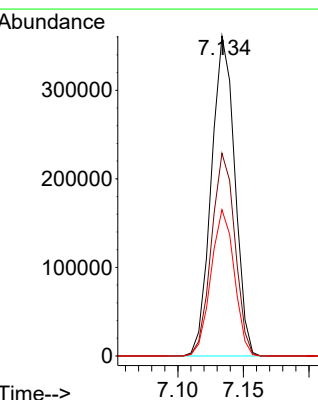
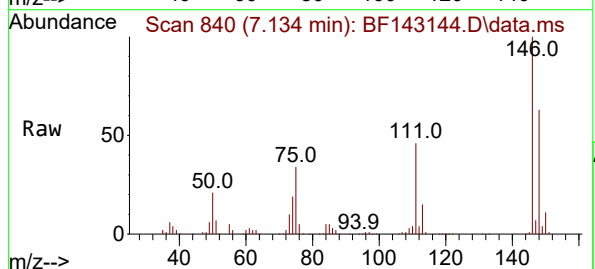
Tgt Ion:146 Resp: 448808

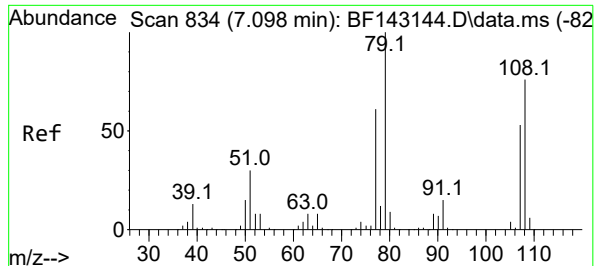
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 45.7 36.6 54.8





#15

Benzyl Alcohol

Concen: 40.017 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 40610

Ion Ratio Lower Upper

79 100

108 76.4 61.1 91.7

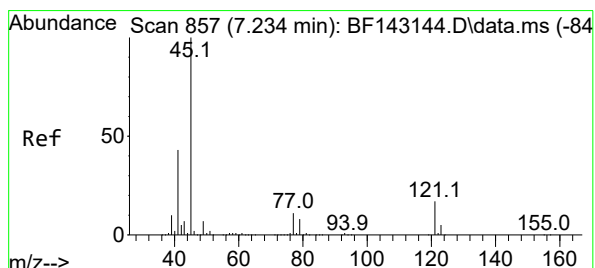
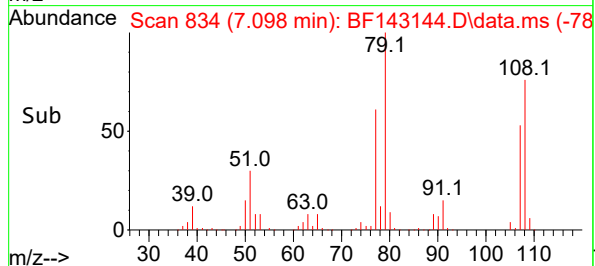
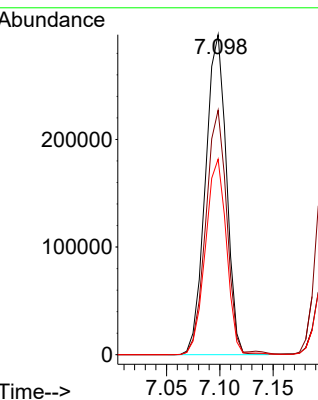
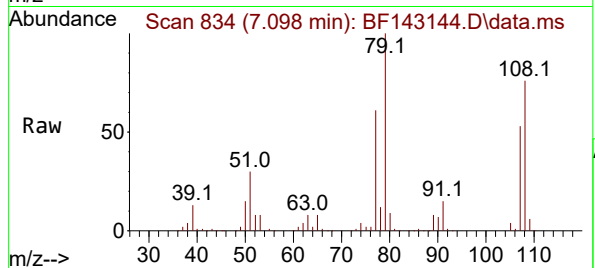
77 61.1 48.9 73.3

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Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.337 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

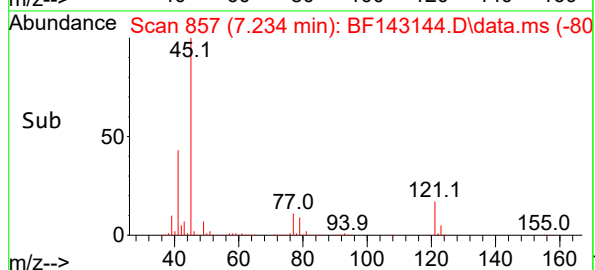
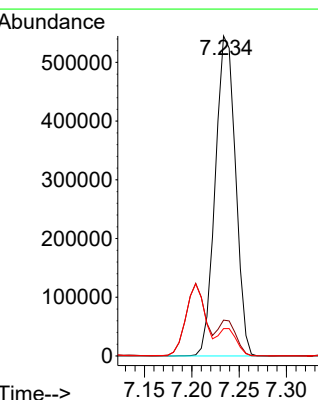
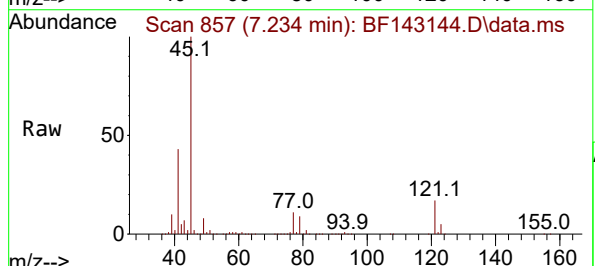
Tgt Ion: 45 Resp: 808980

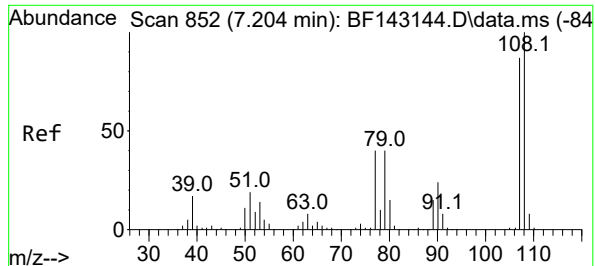
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.2

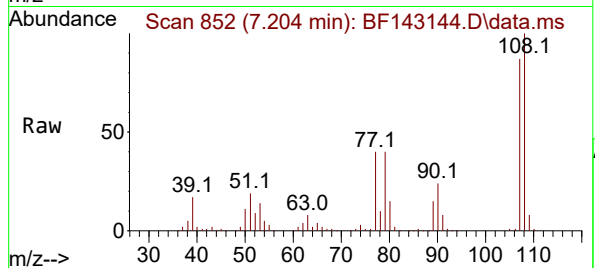
79 8.5 0.0 28.5





#17
2-Methylphenol
Concen: 39.381 ng
RT: 7.204 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

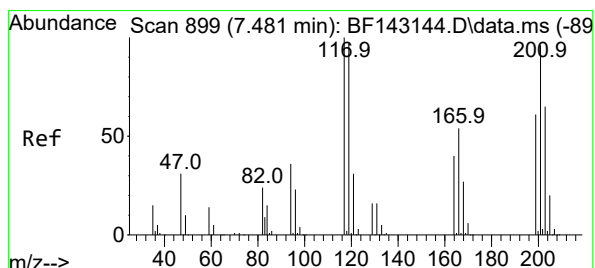
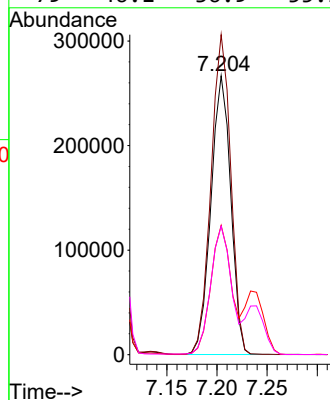
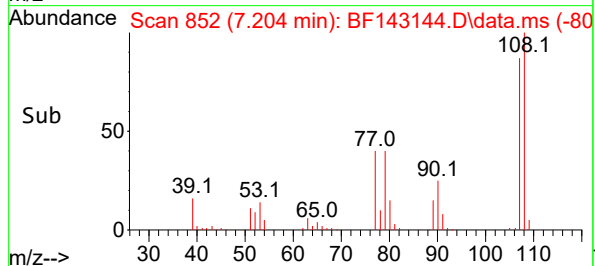
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 366495
Ion Ratio Lower Upper
107 100
108 114.7 91.8 137.6
77 46.3 37.0 55.6
79 46.1 36.9 55.3

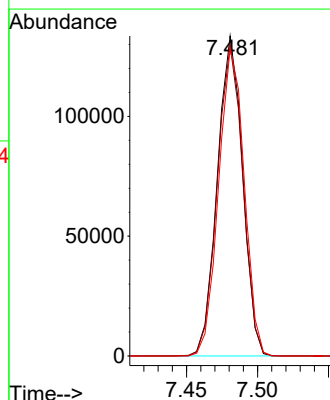
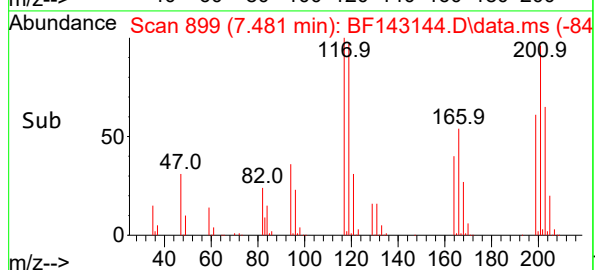
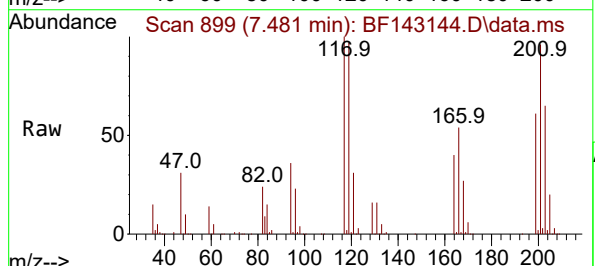
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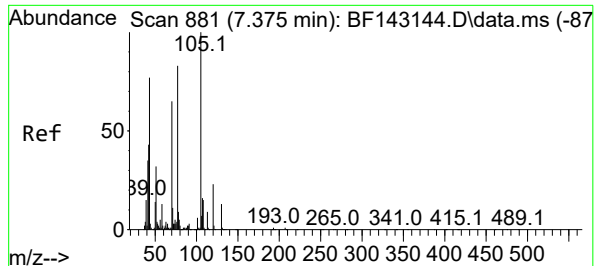
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 39.425 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:117 Resp: 165263
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
201 96.2 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.656 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 329619

Ion Ratio Lower Upper

70 100

42 65.6 52.5 78.7

101 9.5 7.6 11.4

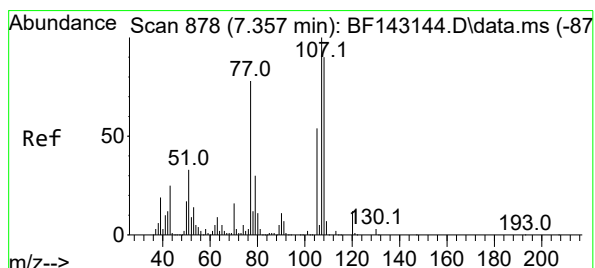
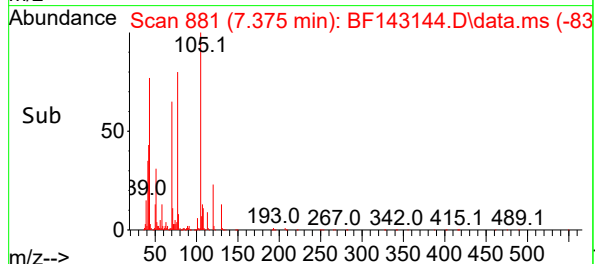
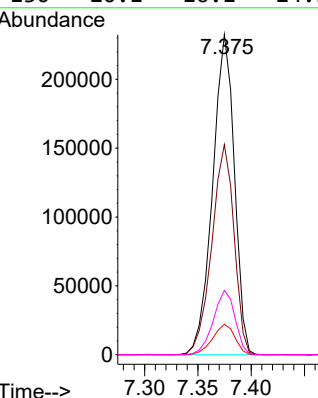
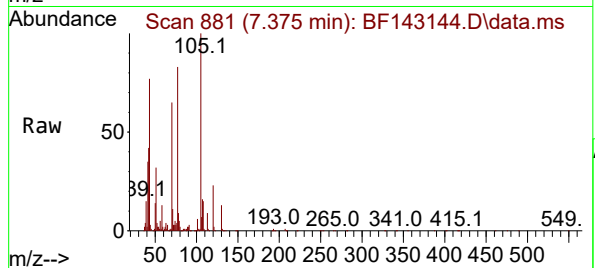
130 20.1 16.1 24.1

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Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 39.685 ng

RT: 7.357 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 448100

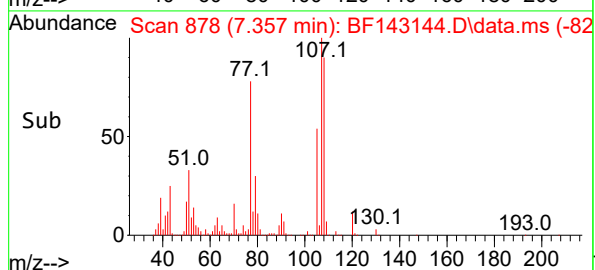
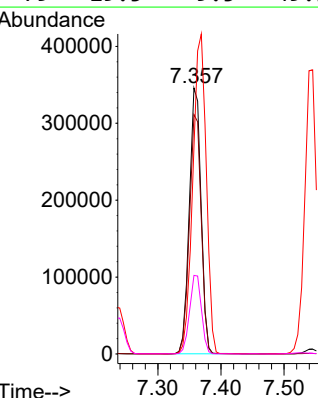
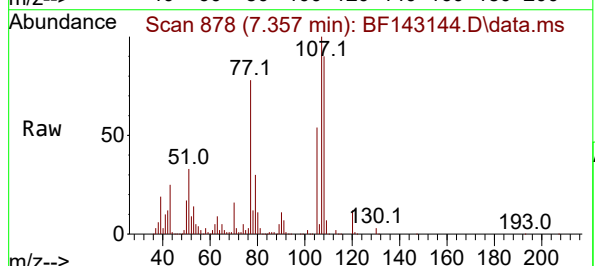
Ion Ratio Lower Upper

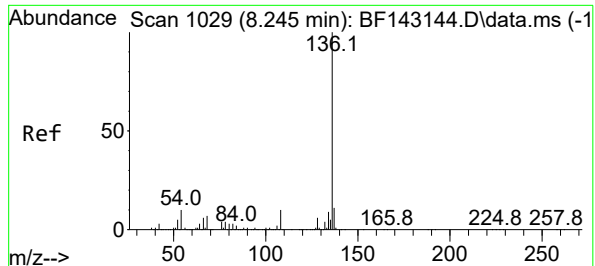
107 100

108 90.0 70.0 110.0

77 77.8 57.8 97.8

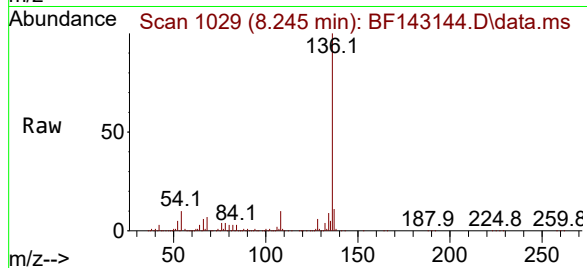
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

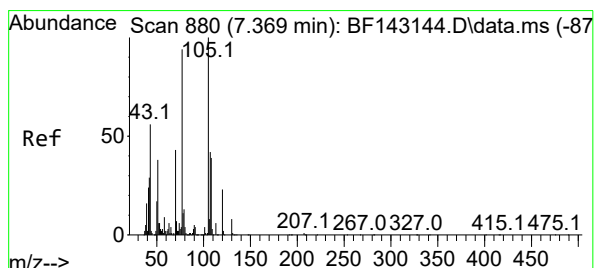
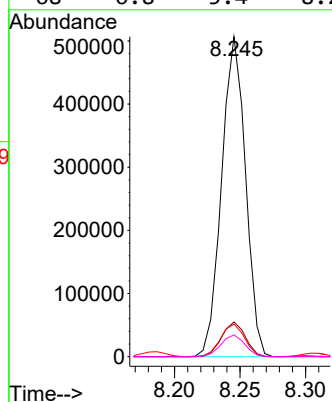
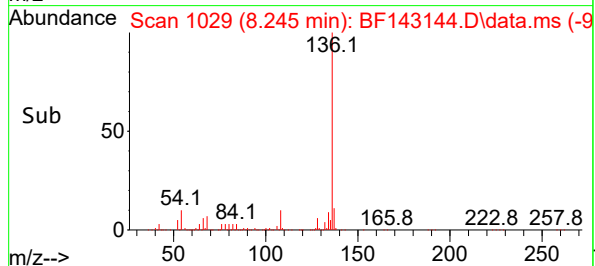
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 641411
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.2 8.2 12.2
68 6.8 5.4 8.2

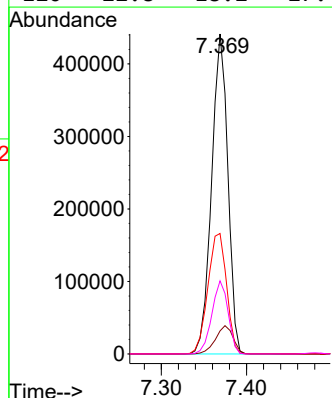
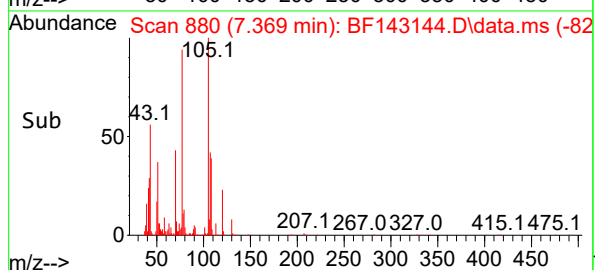
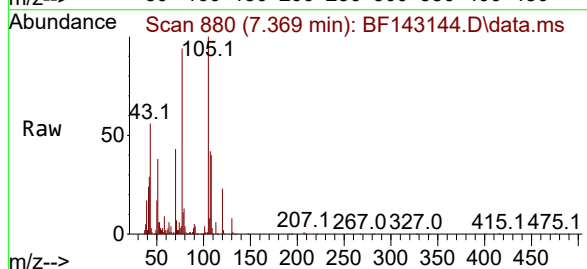
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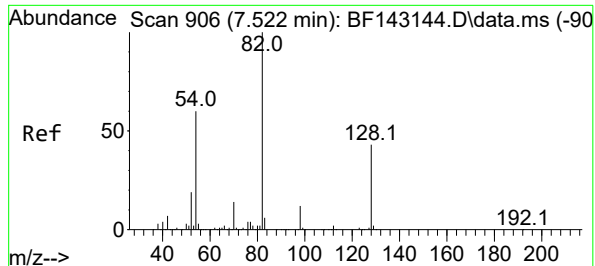
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 38.444 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:105 Resp: 583796
Ion Ratio Lower Upper
105 100
71 7.2 5.8 8.6
51 37.7 30.2 45.2
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 79.512 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 1023138

Ion Ratio Lower Upper

82 100

128 42.0 33.6 50.4

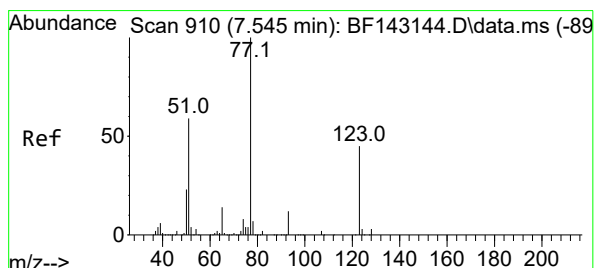
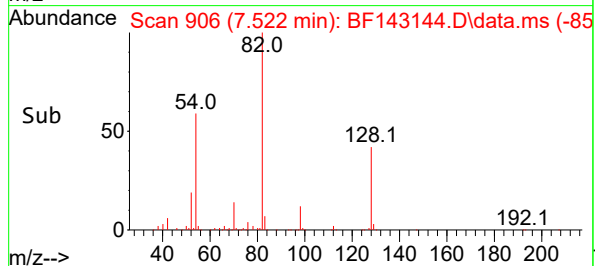
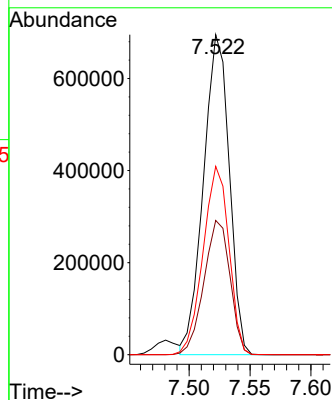
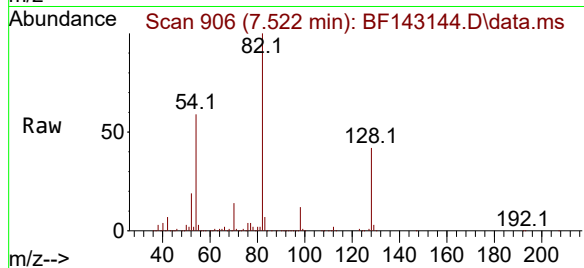
54 58.9 47.1 70.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 40.136 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

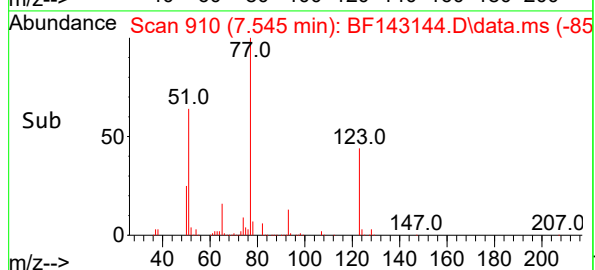
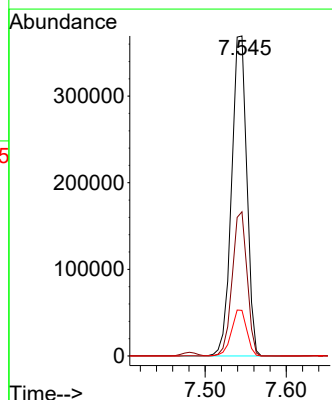
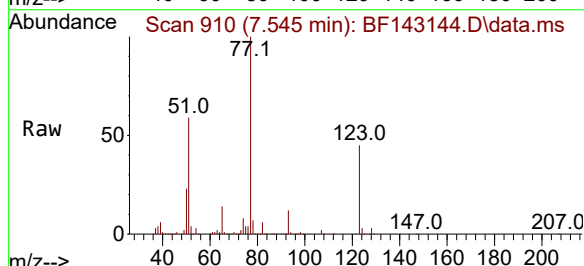
Tgt Ion: 77 Resp: 481500

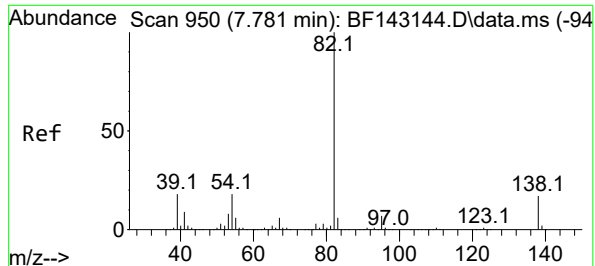
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

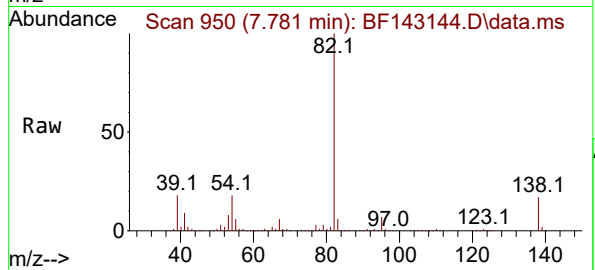
65 14.3 11.4 17.2





#25
Isophorone
Concen: 39.093 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

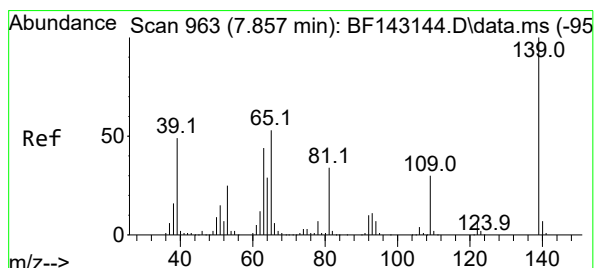
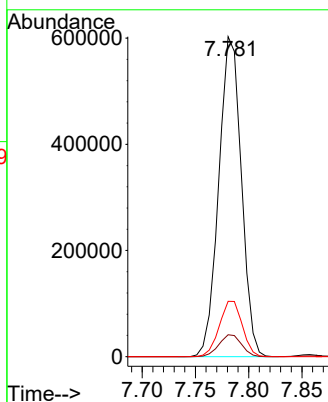
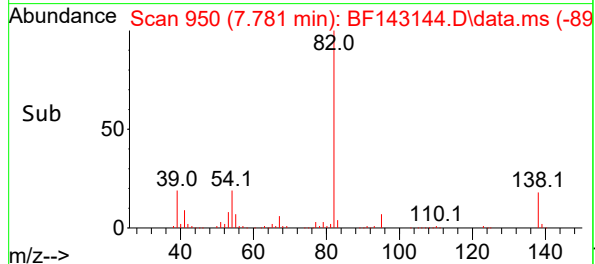
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 88801
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.3 13.8 20.8

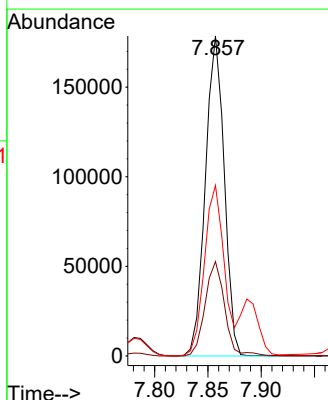
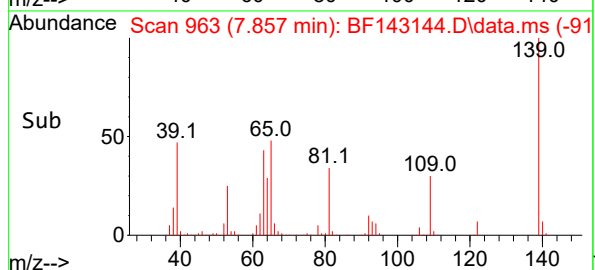
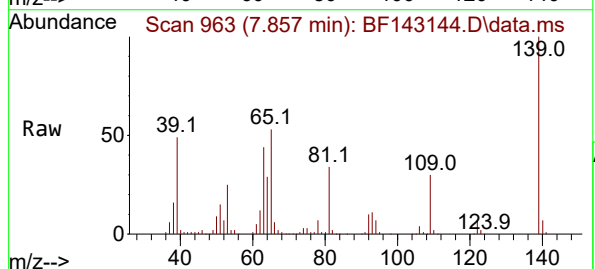
Manual Integrations
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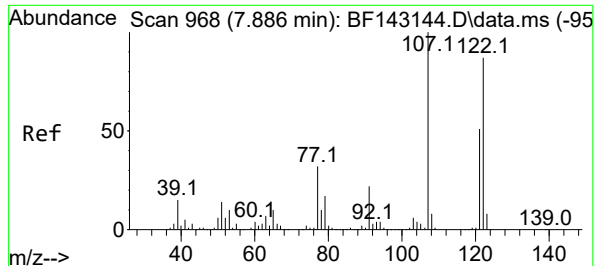
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 42.323 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:139 Resp: 220354
Ion Ratio Lower Upper
139 100
109 29.5 23.6 35.4
65 53.3 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 39.210 ng

RT: 7.886 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 416128

Ion Ratio Lower Upper

122 100

107 114.7 91.8 137.6

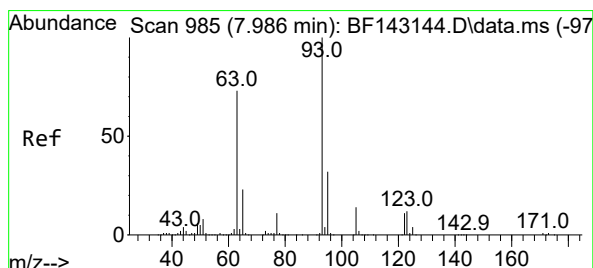
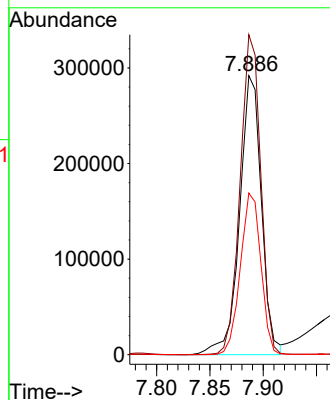
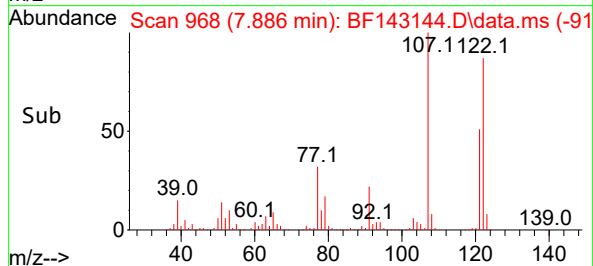
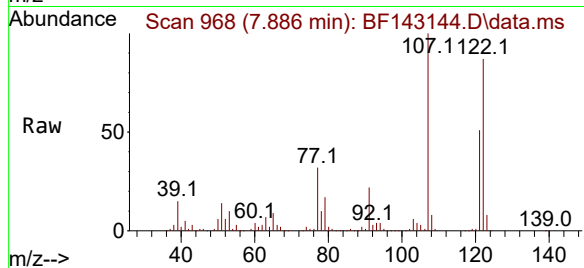
121 57.9 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 38.860 ng

RT: 7.986 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

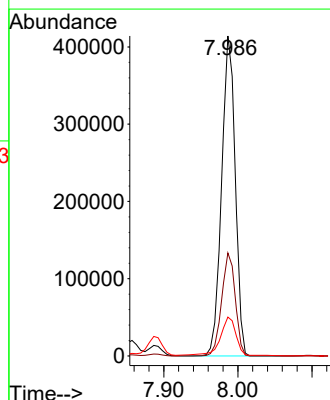
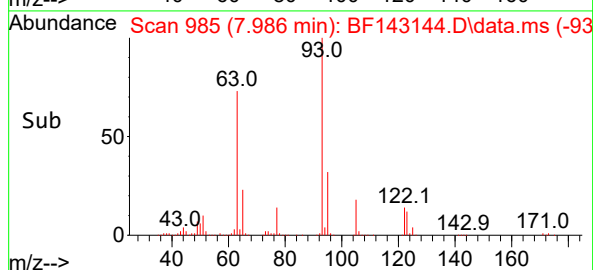
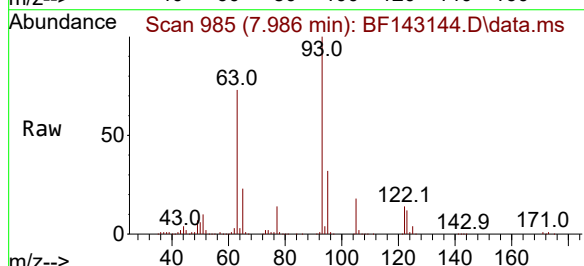
Tgt Ion: 93 Resp: 529258

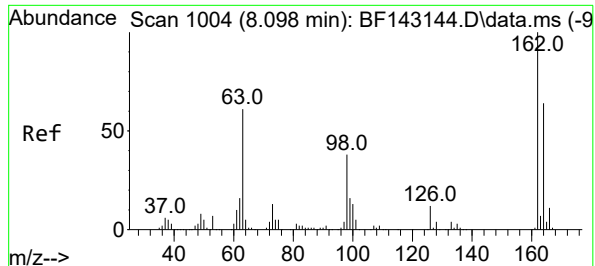
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 39.537 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 35386

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

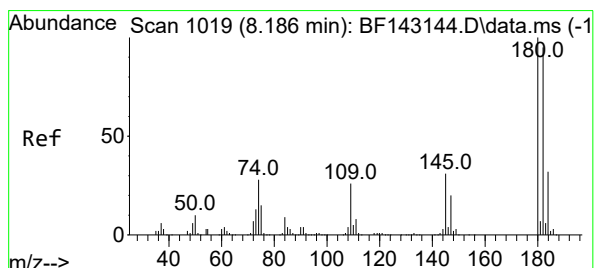
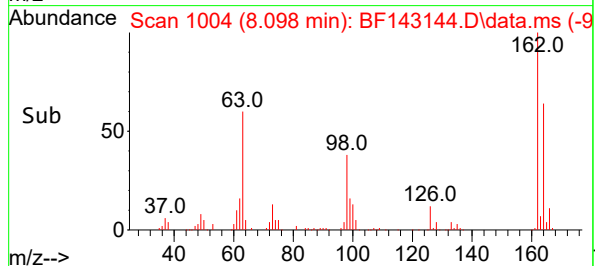
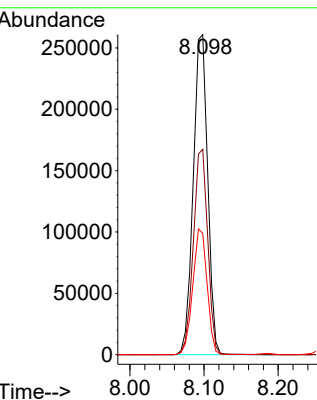
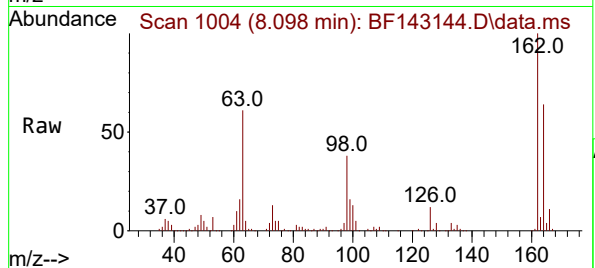
98 37.9 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.947 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

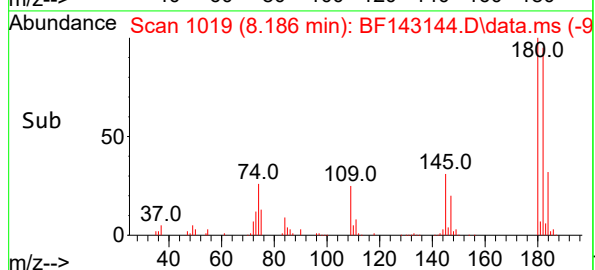
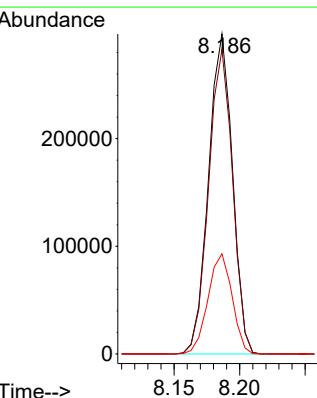
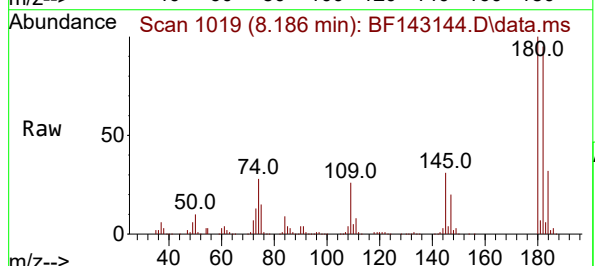
Tgt Ion:180 Resp: 376590

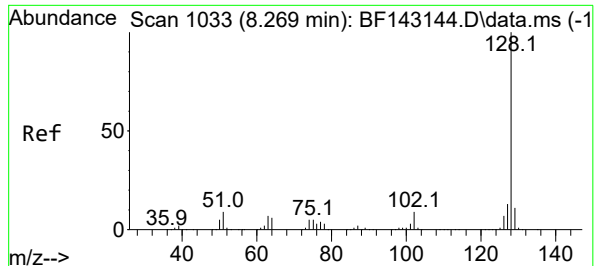
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

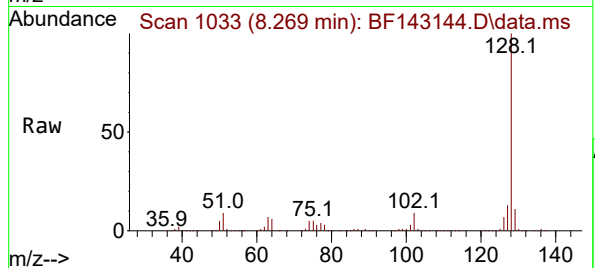
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 38.749 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

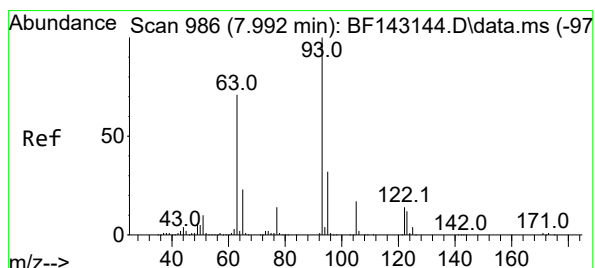
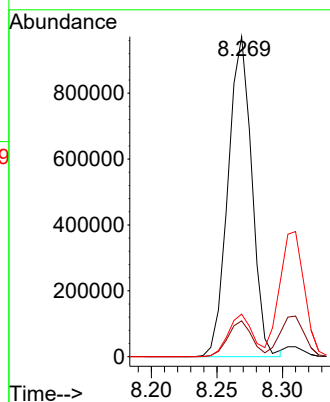
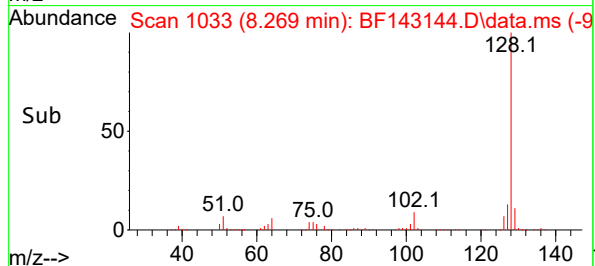
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1224033
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0

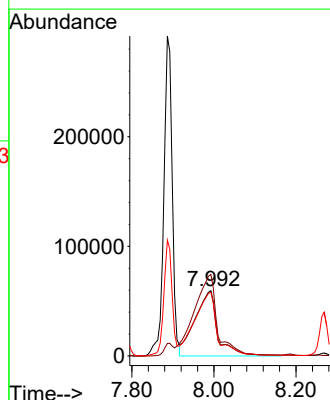
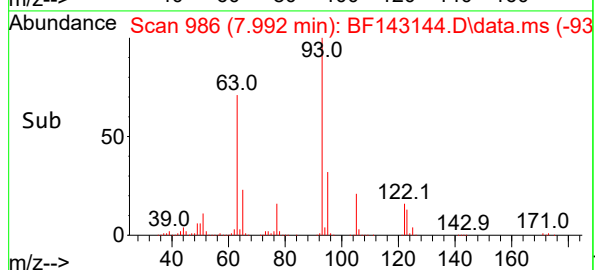
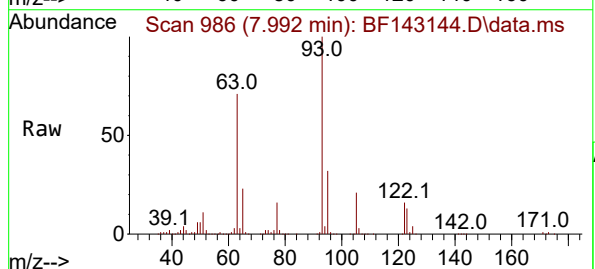
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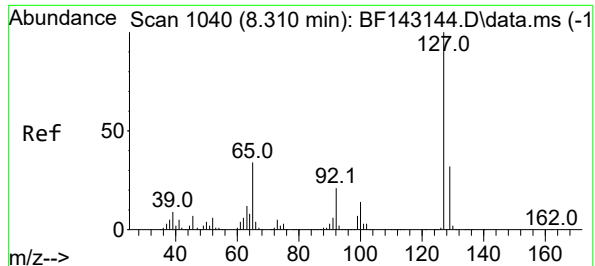
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 39.680 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

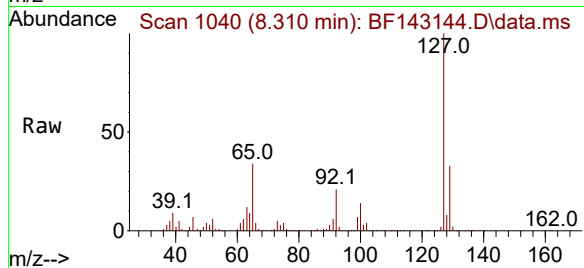
Tgt Ion:122 Resp: 230958
Ion Ratio Lower Upper
122 100
105 124.8 104.8 144.8
77 97.6 77.6 117.6





#33
4-Chloroaniline
Concen: 38.796 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

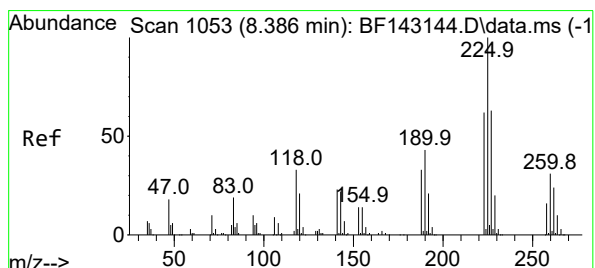
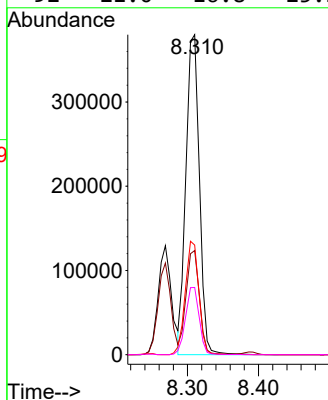
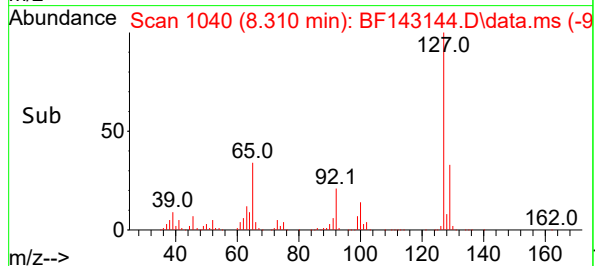
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 500402
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 34.3 27.4 41.2
92 21.0 16.8 25.2

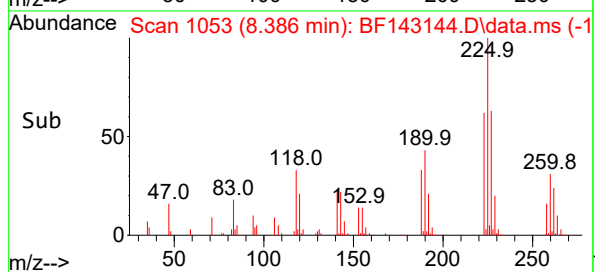
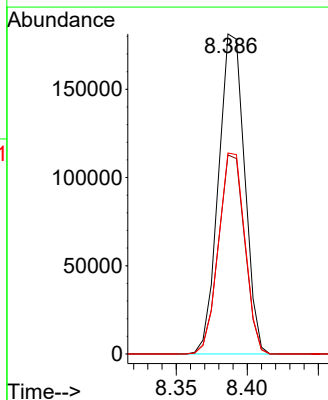
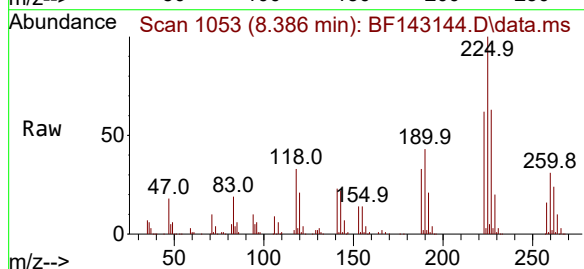
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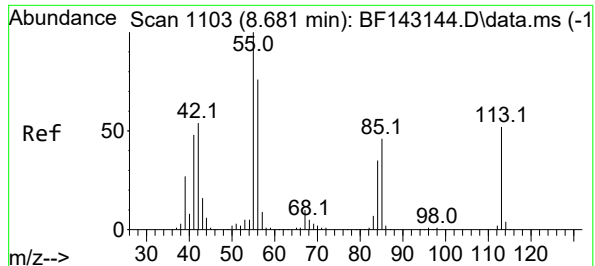
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#34
Hexachlorobutadiene
Concen: 39.211 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:225 Resp: 231609
Ion Ratio Lower Upper
225 100
223 62.2 49.8 74.6
227 62.8 50.2 75.4





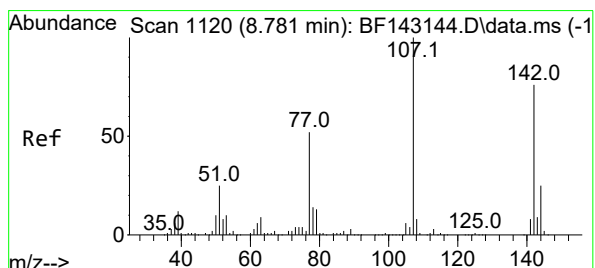
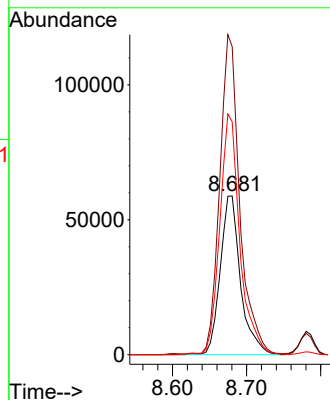
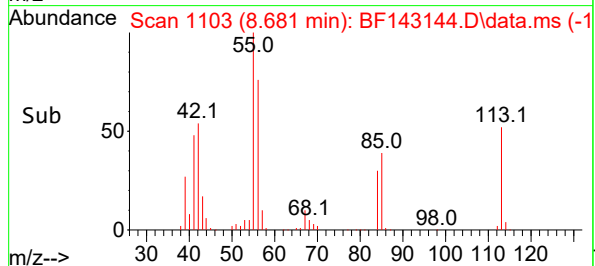
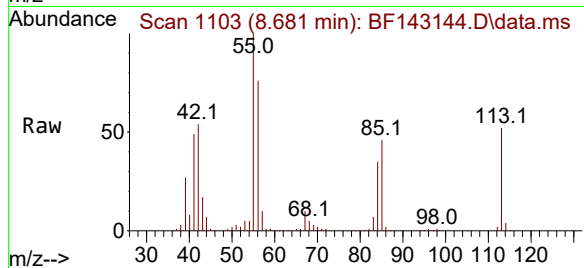
#35
Caprolactam
Concen: 41.312 ng
RT: 8.681 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 11173
Ion Ratio Lower Upper
113 100
55 194.0 174.0 214.0
56 146.6 126.6 166.6

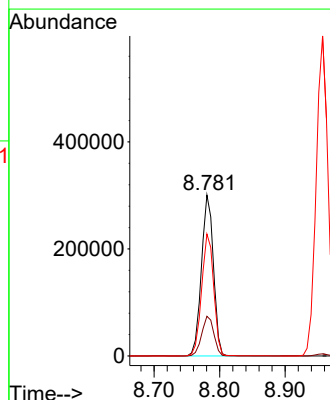
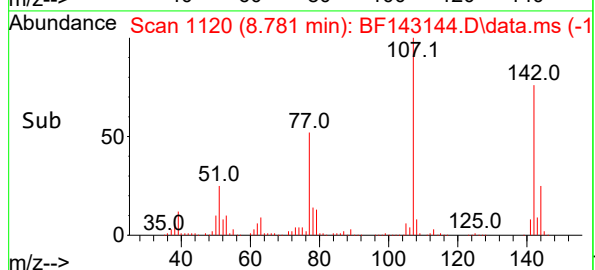
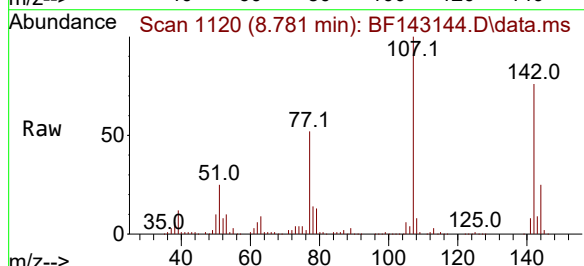
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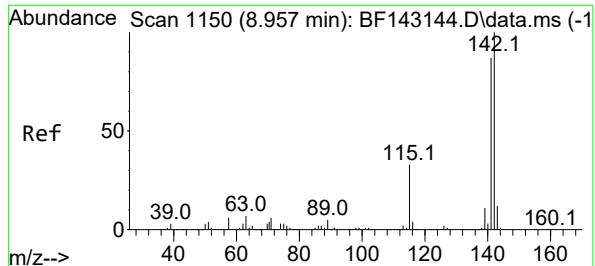
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 39.628 ng
RT: 8.781 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:107 Resp: 385507
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 75.7 60.6 90.8





#37

2-Methylnaphthalene

Concen: 38.720 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 744295

Ion Ratio Lower Upper

142 100

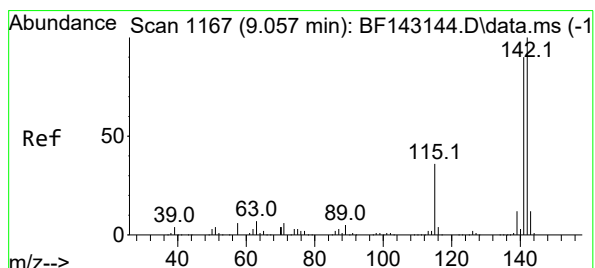
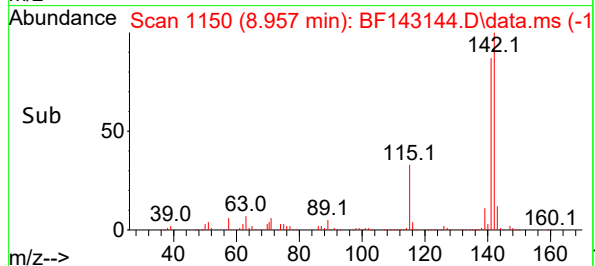
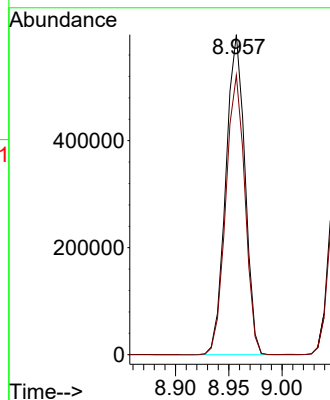
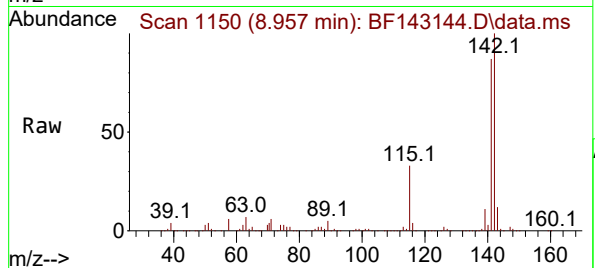
141 87.4 69.9 104.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#38

1-Methylnaphthalene

Concen: 38.825 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF143144.D

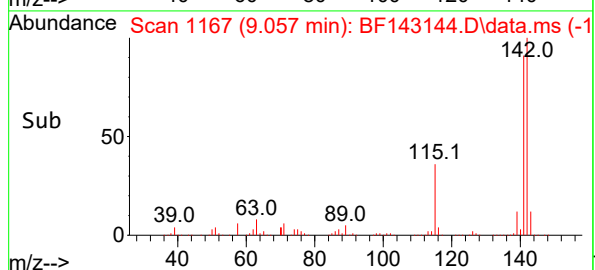
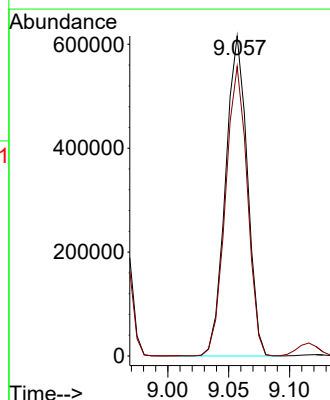
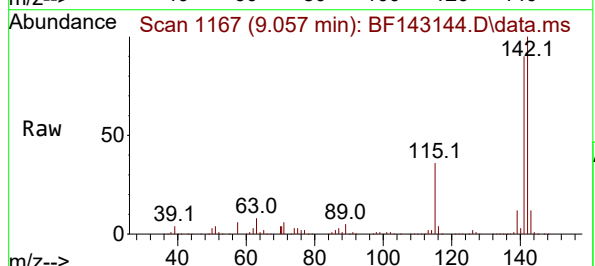
Acq: 17 Jul 2025 13:03

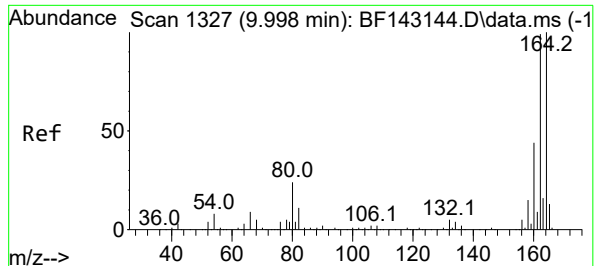
Tgt Ion:142 Resp: 768508

Ion Ratio Lower Upper

142 100

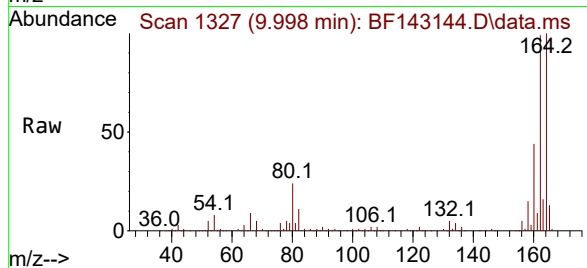
141 90.4 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

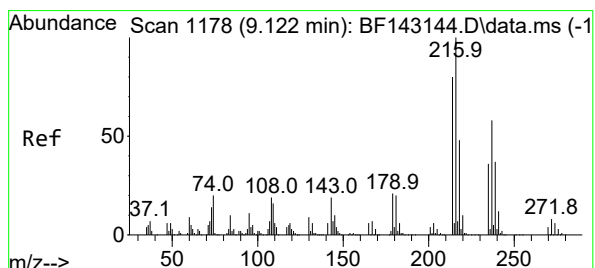
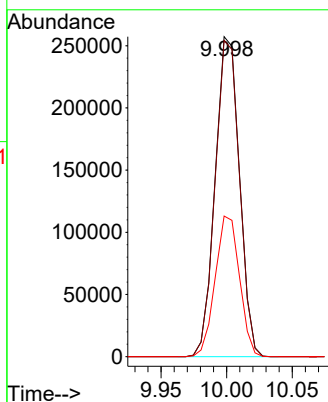
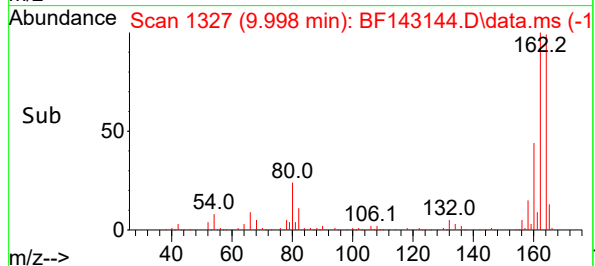
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 33188
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.9 35.1 52.7

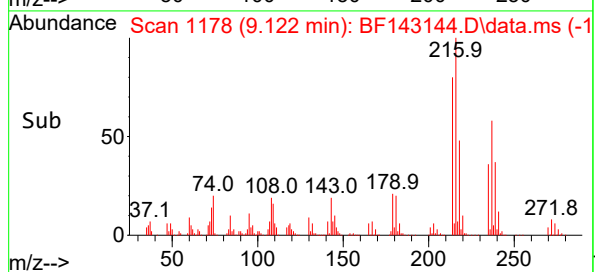
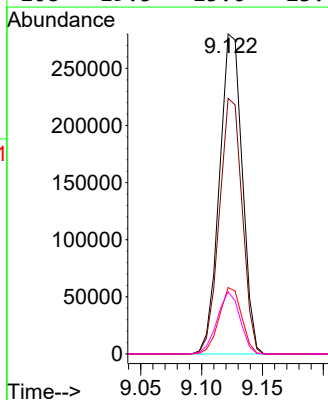
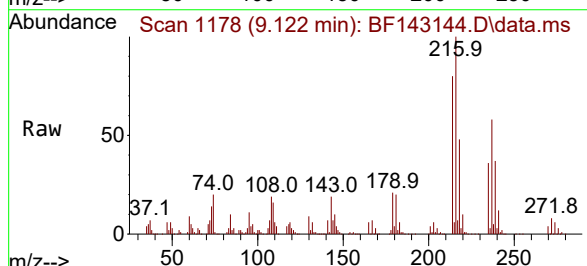
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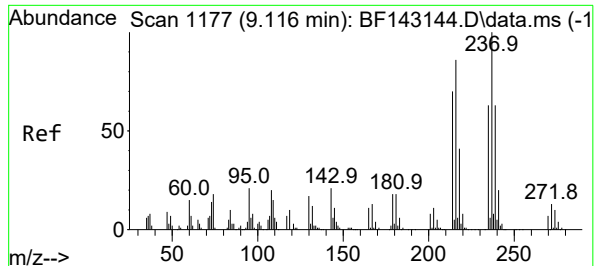
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.118 ng
RT: 9.122 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:216 Resp: 365234
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 20.5 16.4 24.6
108 19.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 39.695 ng

RT: 9.116 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 247480

Ion Ratio Lower Upper

237 100

235 63.0 43.0 83.0

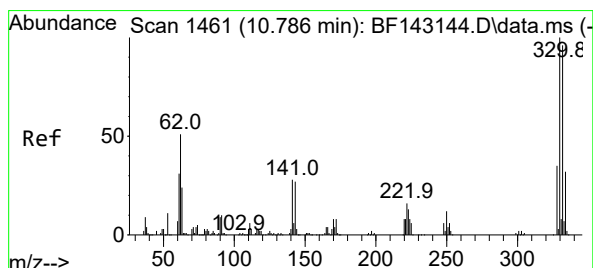
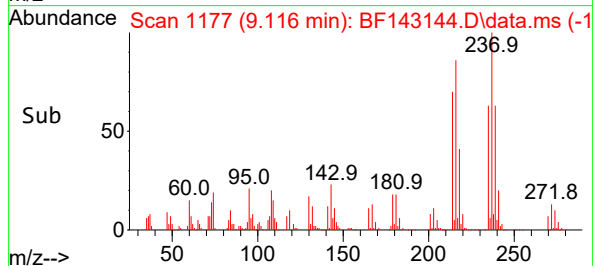
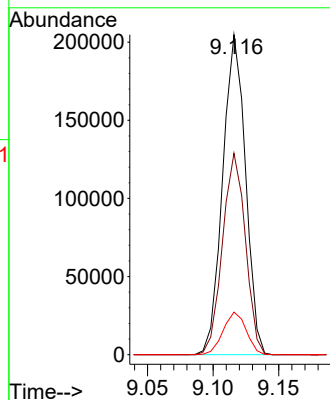
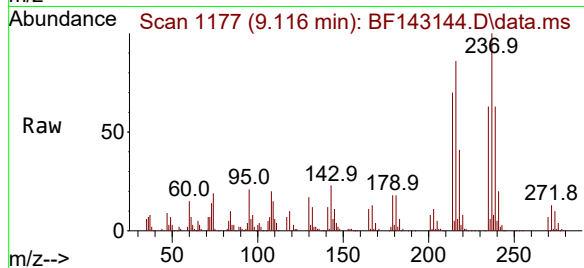
272 13.3 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 81.485 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

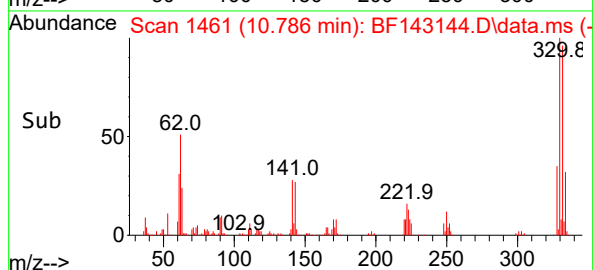
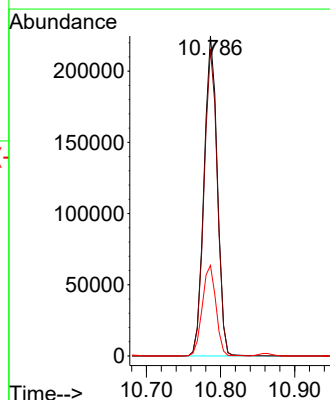
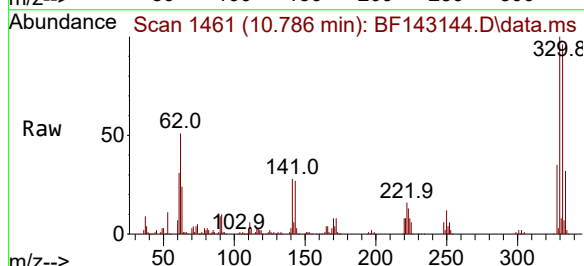
Tgt Ion:330 Resp: 279373

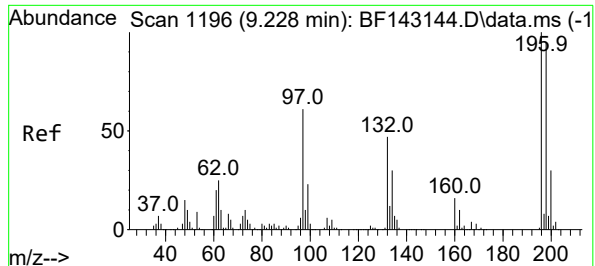
Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 29.1 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 38.471 ng

RT: 9.228 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF143144.D

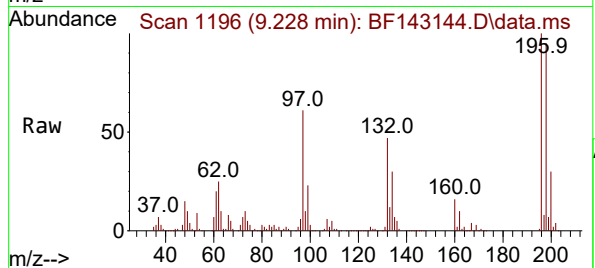
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:196 Resp: 25511

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

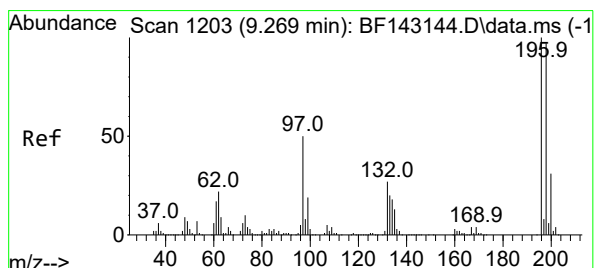
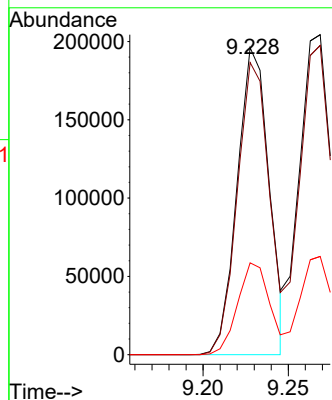
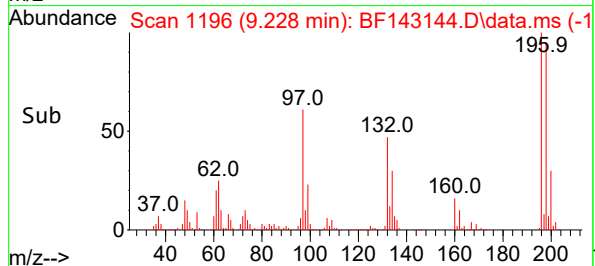
200 29.9 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

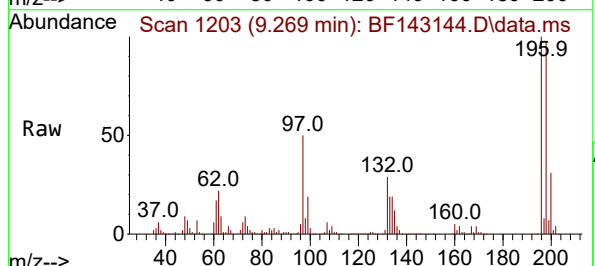
Concen: 40.494 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



Tgt Ion:196 Resp: 268615

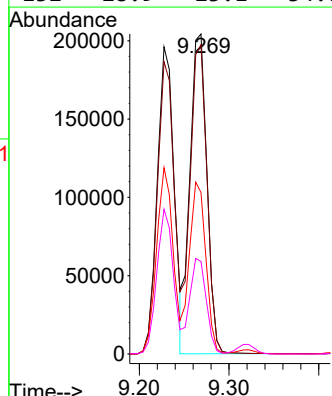
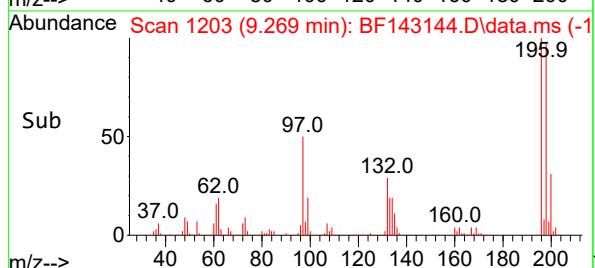
Ion Ratio Lower Upper

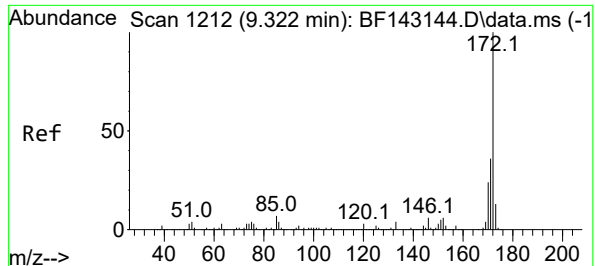
196 100

198 96.6 77.3 115.9

97 50.4 40.3 60.5

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 74.274 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1802398

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

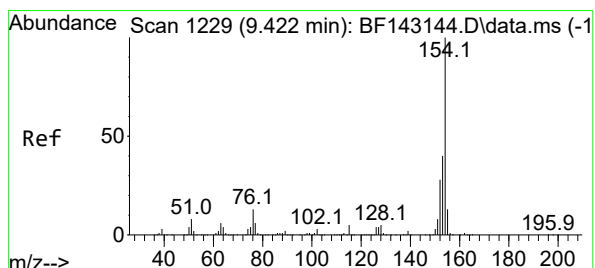
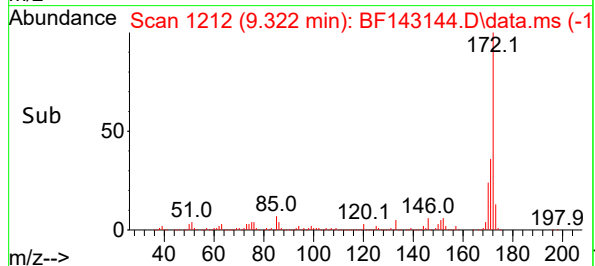
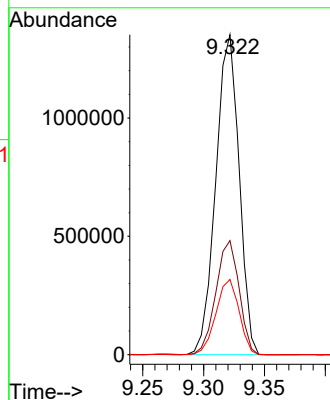
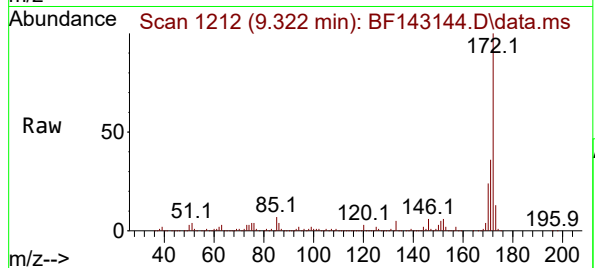
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 38.177 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

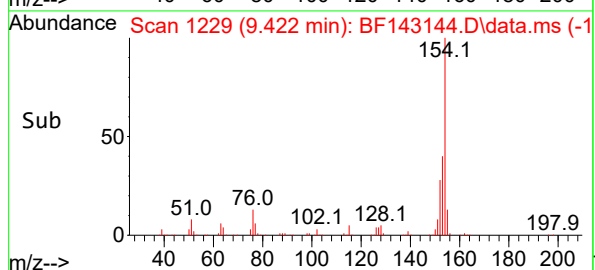
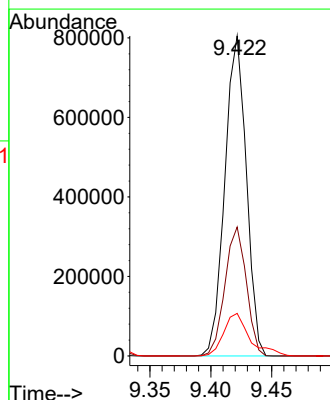
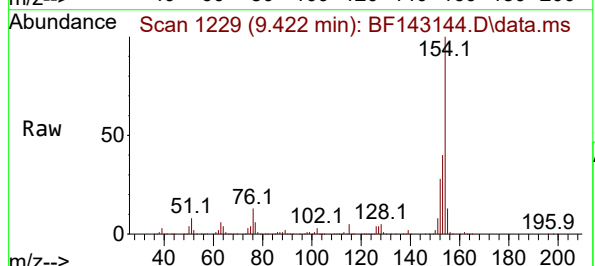
Tgt Ion:154 Resp: 988537

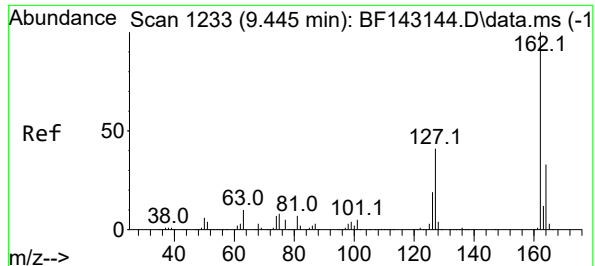
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 38.200 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143144.D

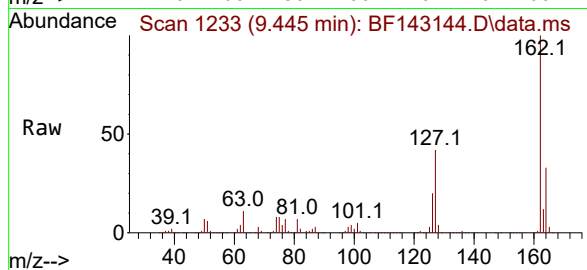
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:162 Resp: 731879

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

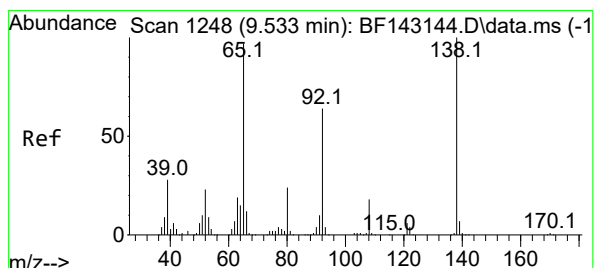
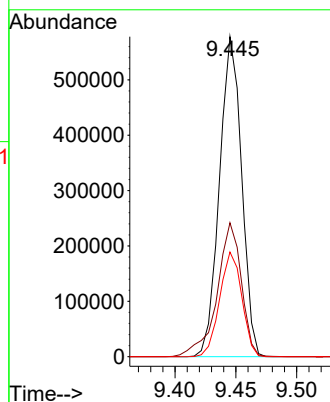
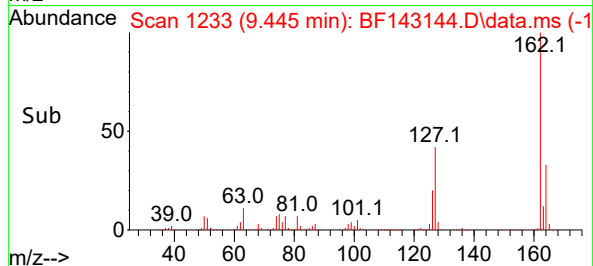
164 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 41.594 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

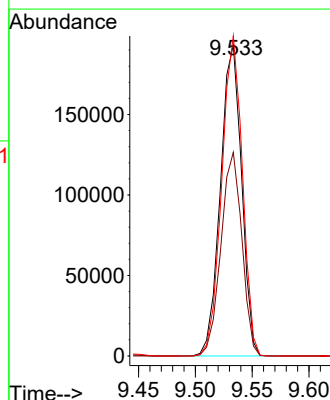
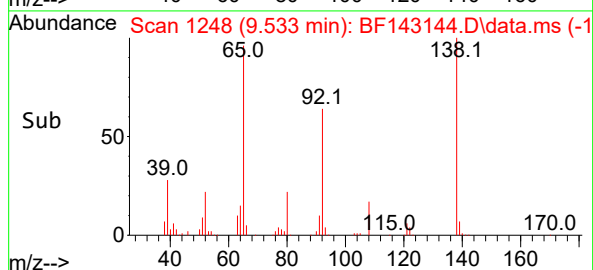
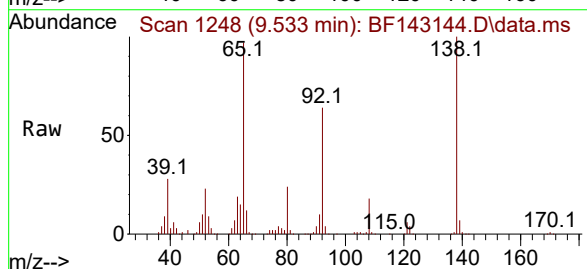
Tgt Ion: 65 Resp: 249908

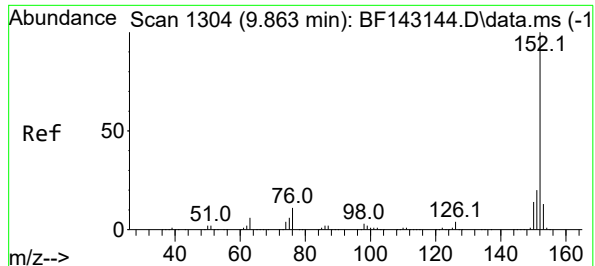
Ion Ratio Lower Upper

65 100

92 65.5 52.4 78.6

138 102.9 82.3 123.5





#49

Acenaphthylene

Concen: 38.458 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143144.D

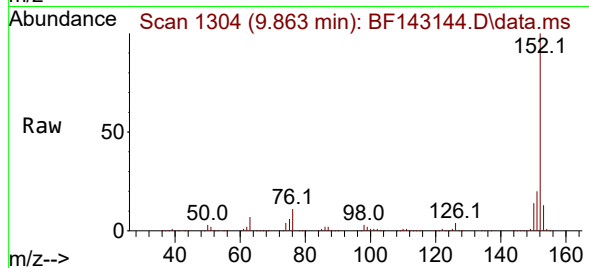
Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 1234789

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

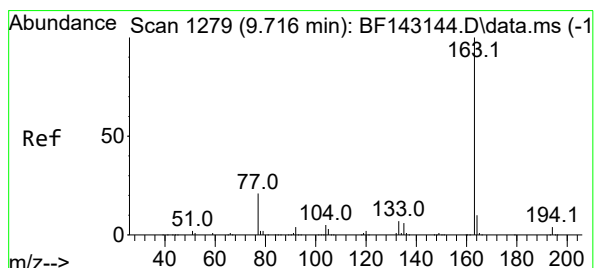
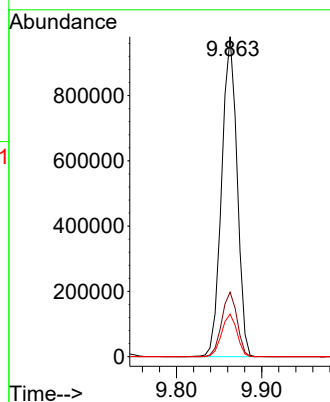
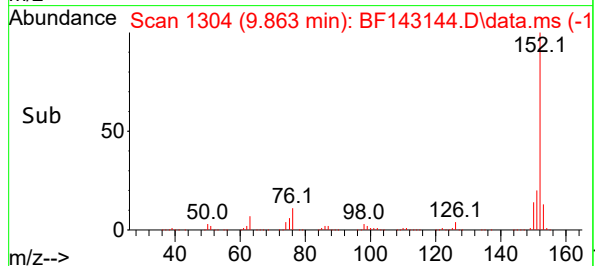
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

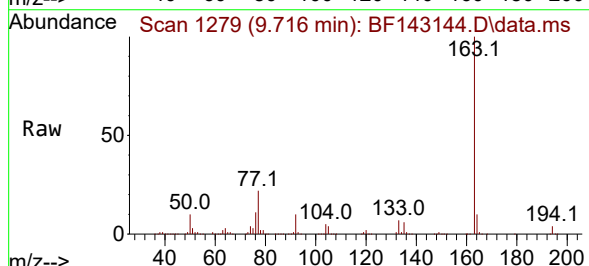
Concen: 39.238 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03



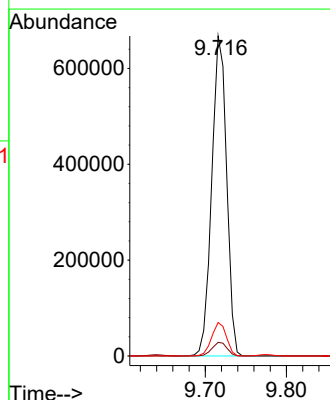
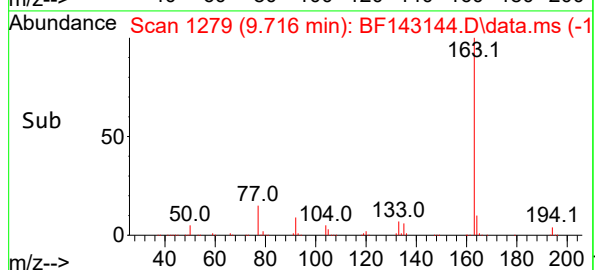
Tgt Ion:163 Resp: 848828

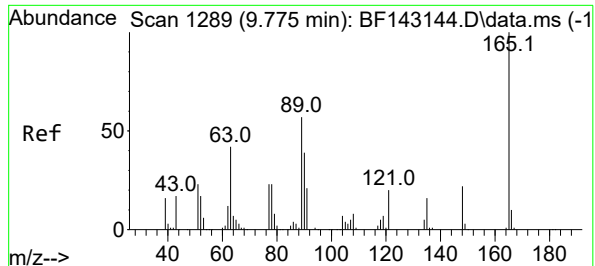
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

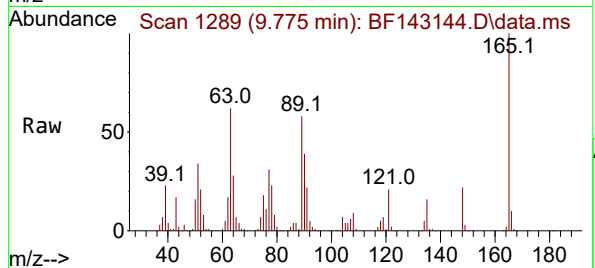
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.866 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

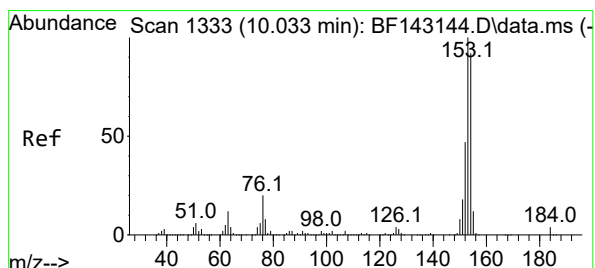
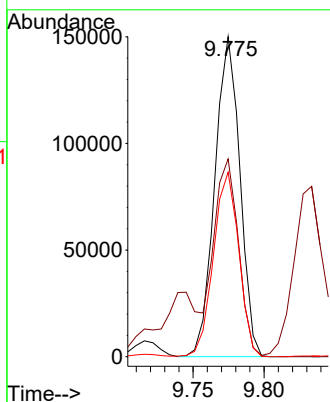
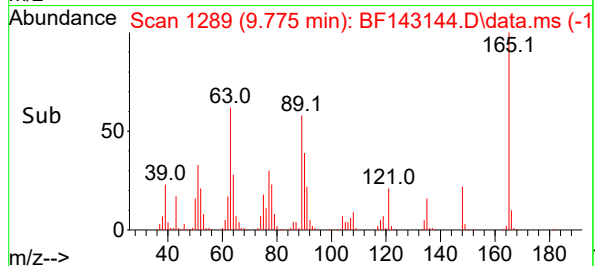
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 18424
Ion Ratio Lower Upper
165 100
63 61.8 49.4 74.2
89 57.7 46.2 69.2

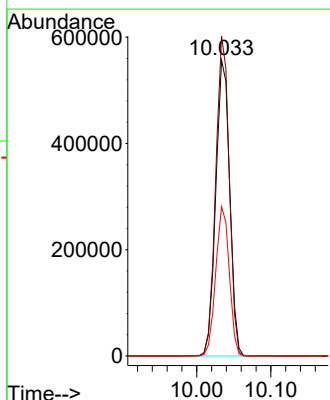
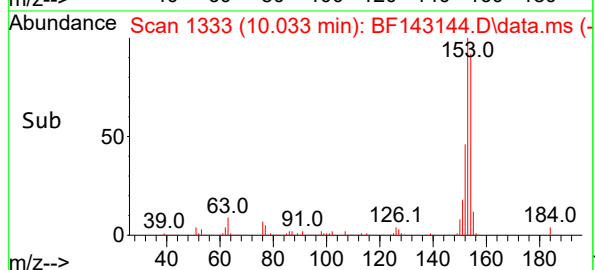
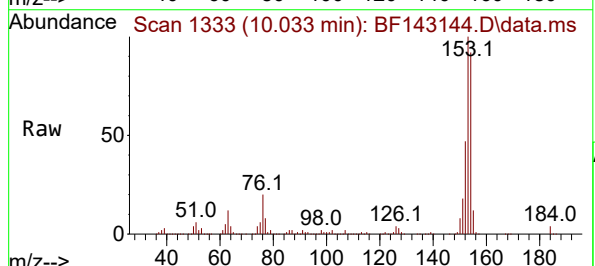
Manual Integrations
APPROVED

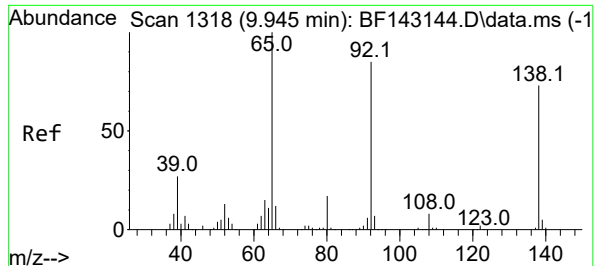
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 38.330 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

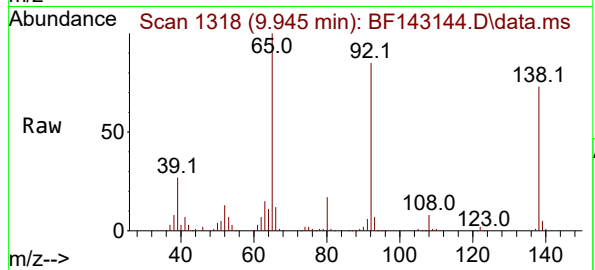
Tgt Ion:154 Resp: 727386
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 50.5 40.4 60.6





#53
3-Nitroaniline
Concen: 40.832 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

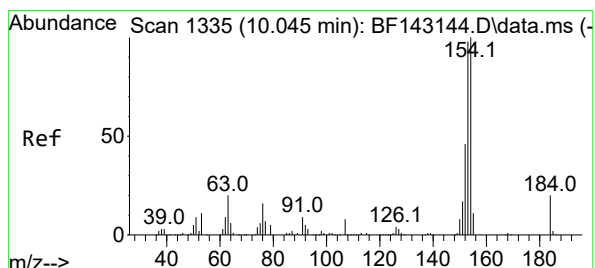
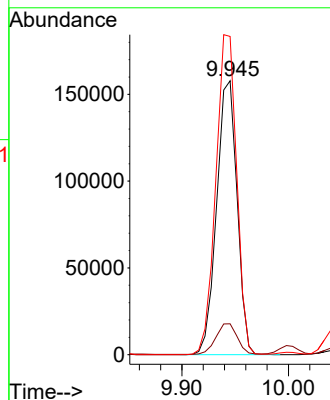
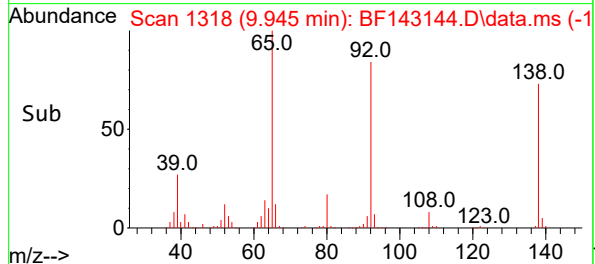
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 210179
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 116.2 93.0 139.4

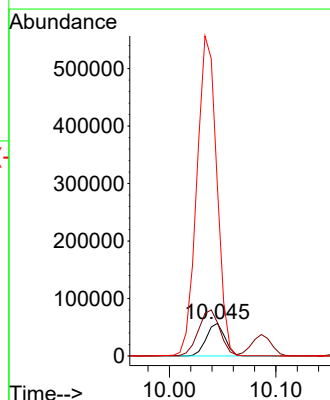
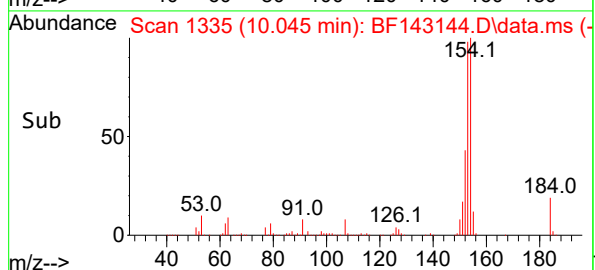
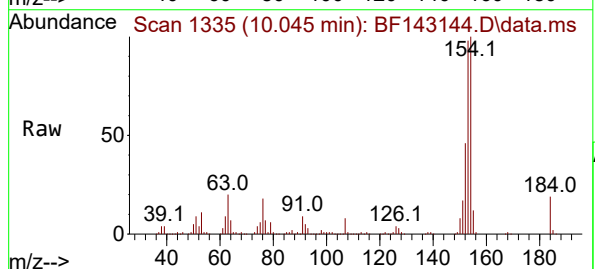
Manual Integrations
APPROVED

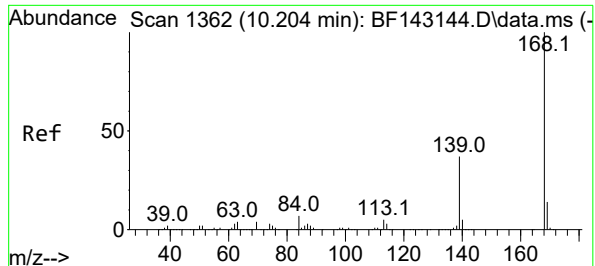
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 38.449 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

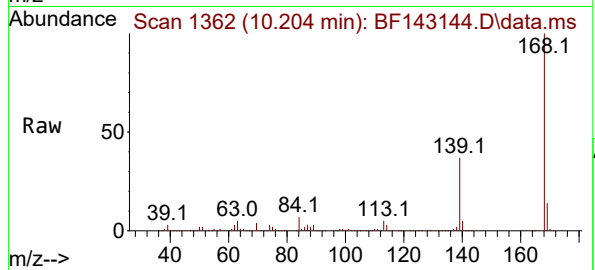
Tgt Ion:184 Resp: 69157
Ion Ratio Lower Upper
184 100
63 102.2 81.8 122.6
154 515.3 412.2 618.4





#55
Dibenzenofuran
Concen: 38.462 ng
RT: 10.204 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

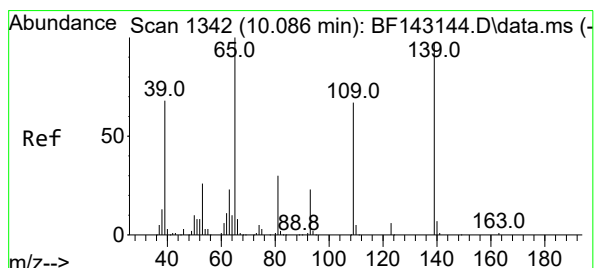
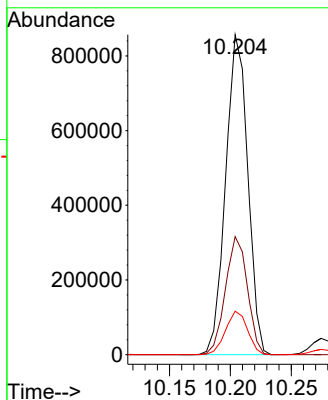
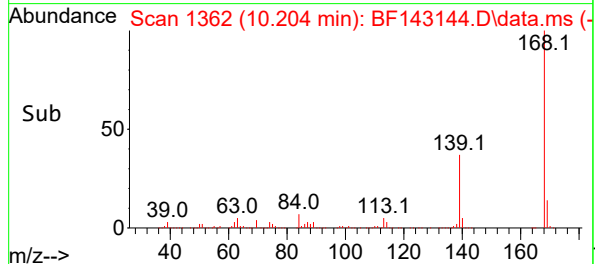
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 1083678
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.6 10.9 16.3

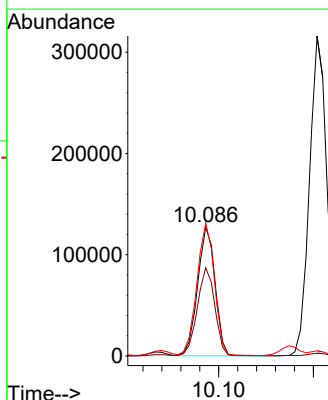
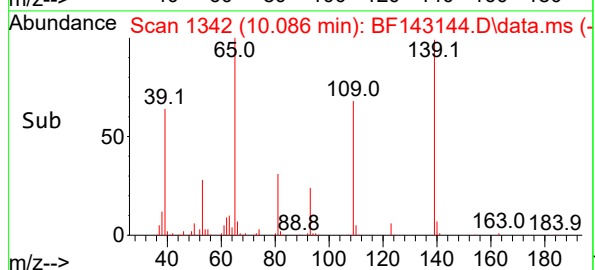
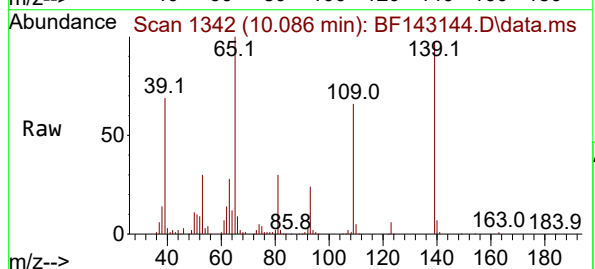
Manual Integrations
APPROVED

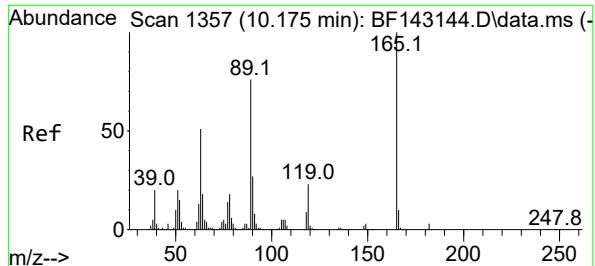
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 42.408 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

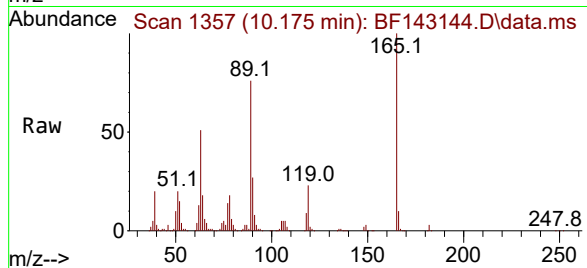
Tgt Ion:139 Resp: 163009
Ion Ratio Lower Upper
139 100
109 68.5 48.5 88.5
65 103.4 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 42.581 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

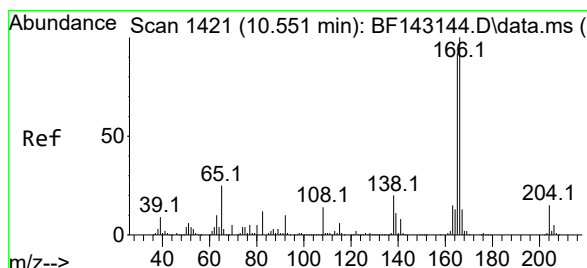
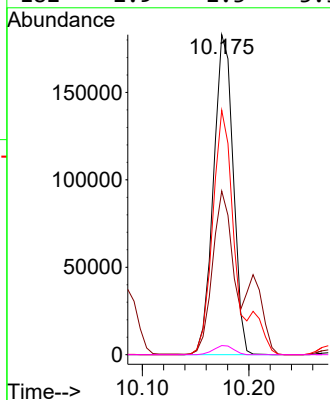
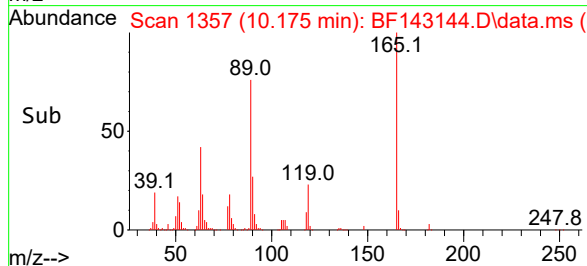
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



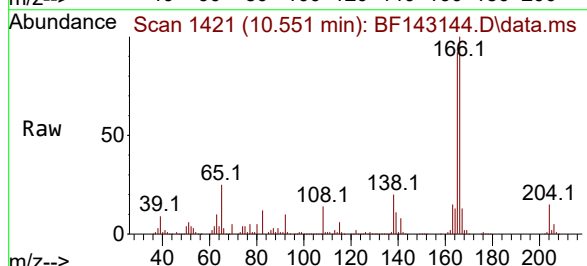
Tgt Ion:165 Resp: 23510
Ion Ratio Lower Upper
165 100
63 51.2 41.0 61.4
89 76.4 61.1 91.7
182 2.9 2.3 3.5

Manual Integrations
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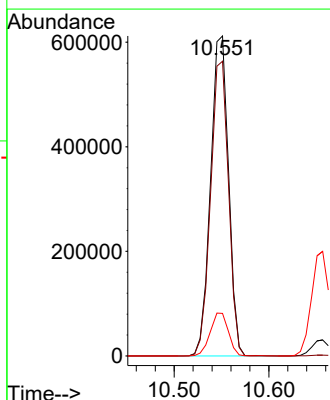
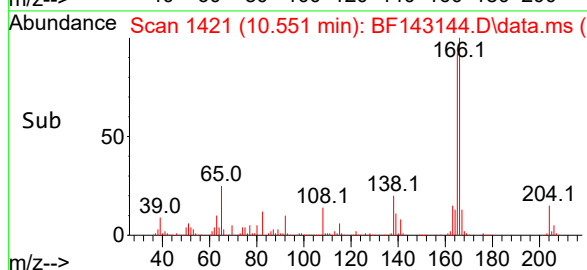
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

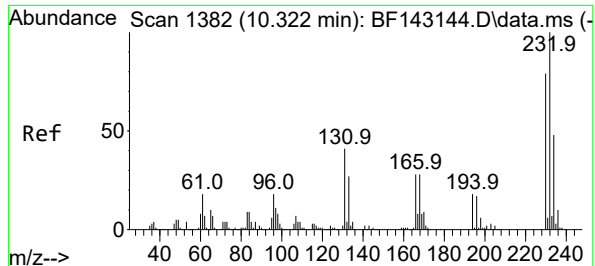


#58
Fluorene
Concen: 38.037 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



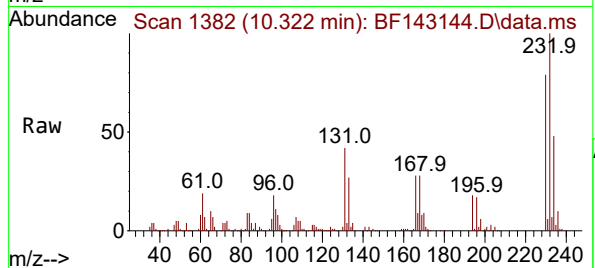
Tgt Ion:166 Resp: 804336
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.196 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

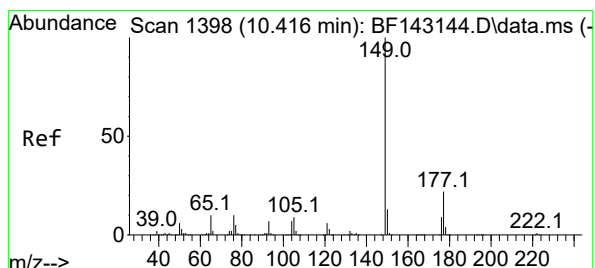
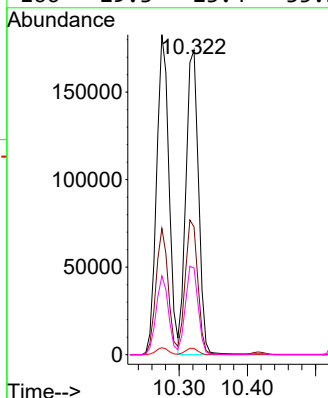
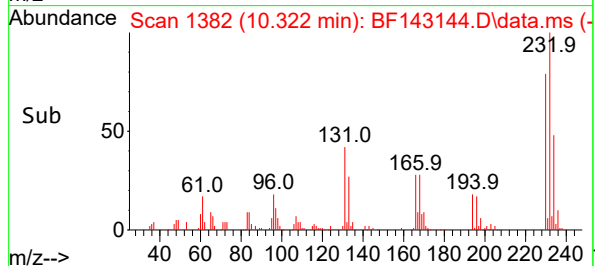
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 220872
Ion Ratio Lower Upper
232 100
131 44.1 35.3 52.9
130 2.1 1.7 2.5
166 29.3 23.4 35.2

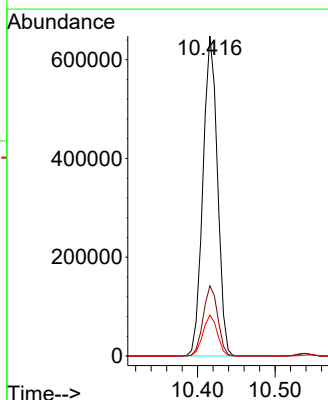
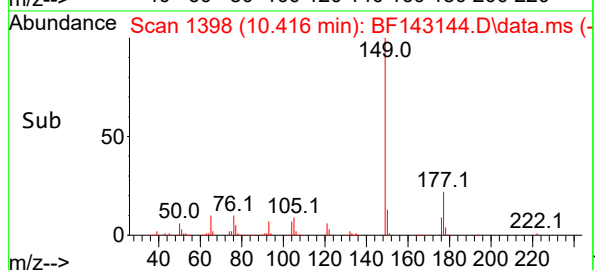
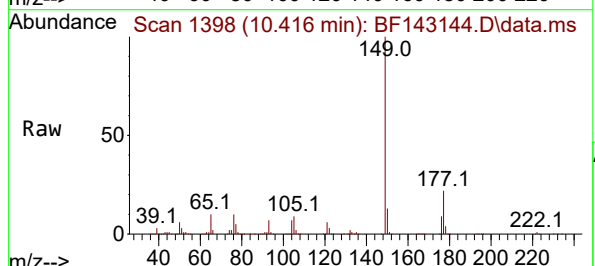
Manual Integrations
APPROVED

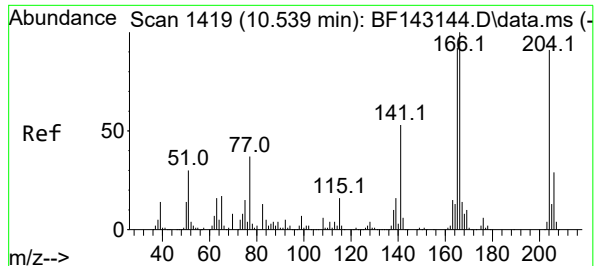
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

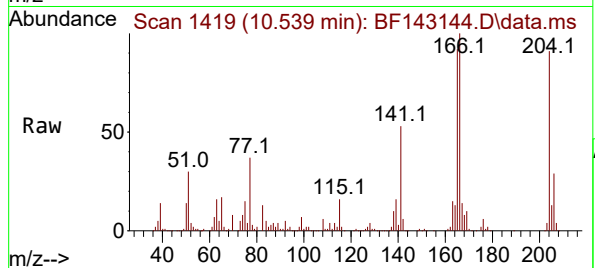
Tgt Ion:149 Resp: 842184
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.604 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

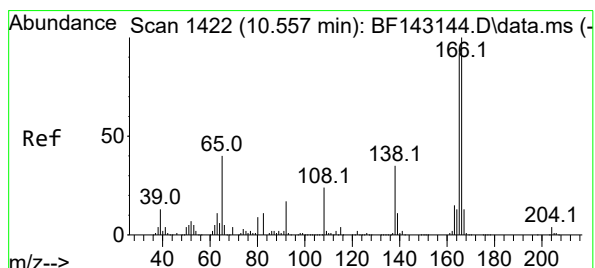
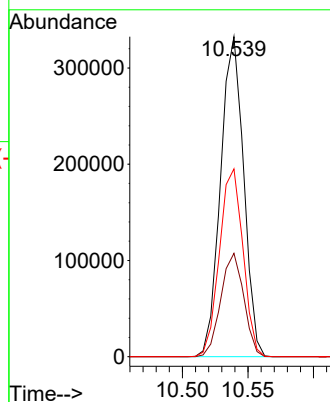
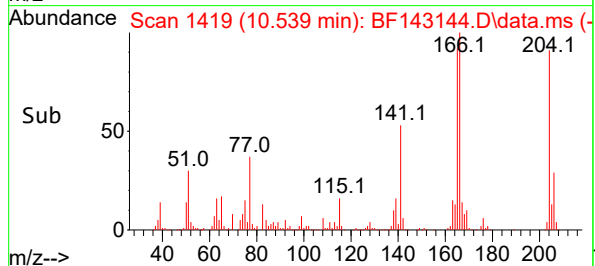
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



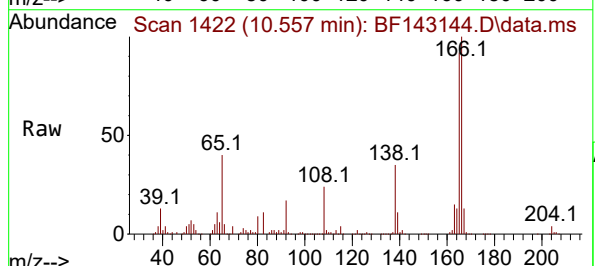
Tgt Ion:204 Resp: 40647
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 58.7 47.0 70.4

Manual Integrations
APPROVED

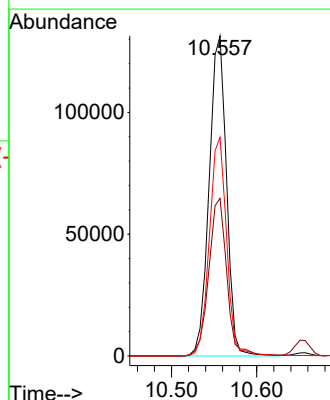
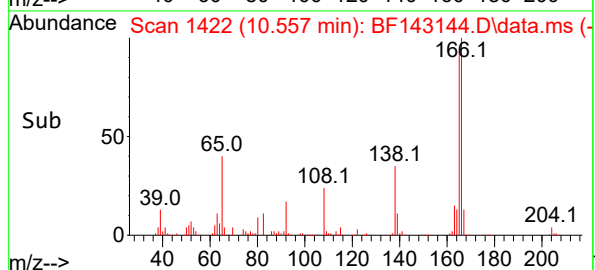
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

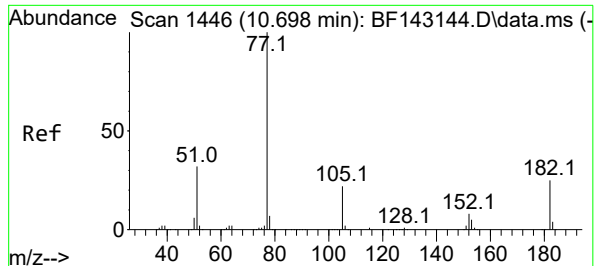


#62
4-Nitroaniline
Concen: 42.055 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



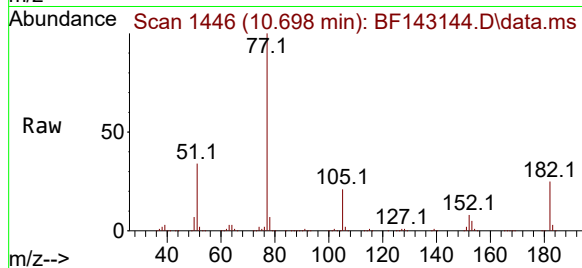
Tgt Ion:138 Resp: 185530
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 68.3 48.3 88.3





#63
Azobenzene
Concen: 39.326 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

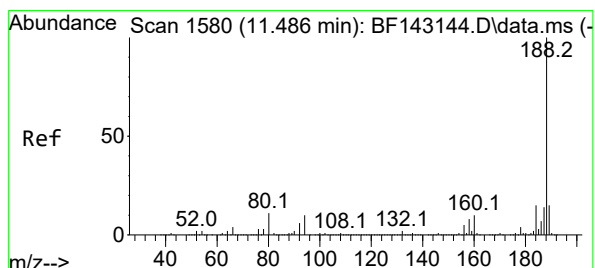
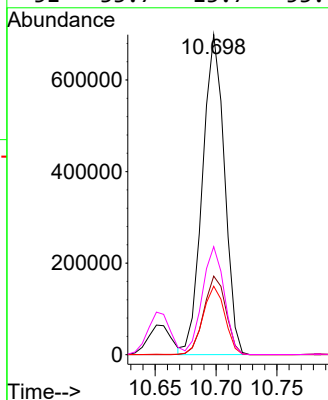
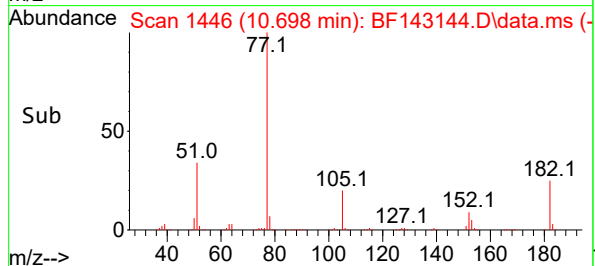
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



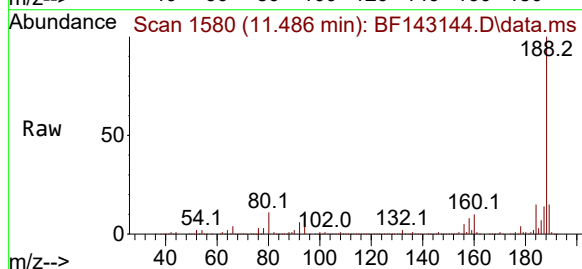
Tgt Ion: 77 Resp: 87638
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 21.4 1.4 41.4
51 33.7 13.7 53.7

Manual Integrations
APPROVED

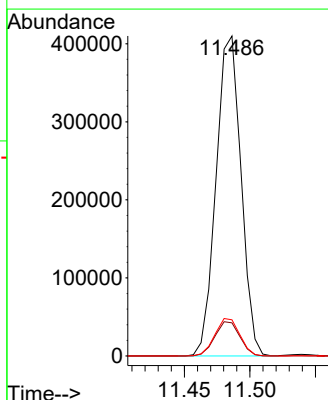
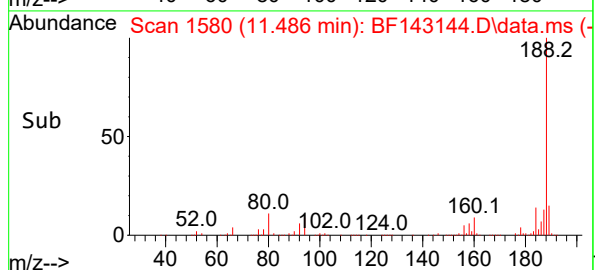
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

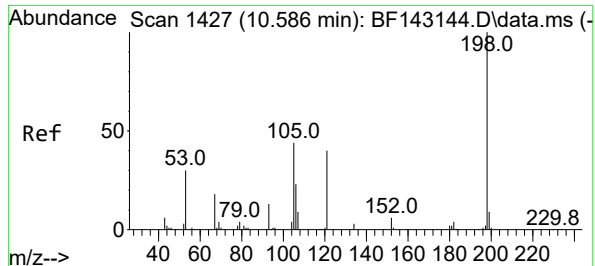


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:188 Resp: 542726
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.3 9.0 13.6





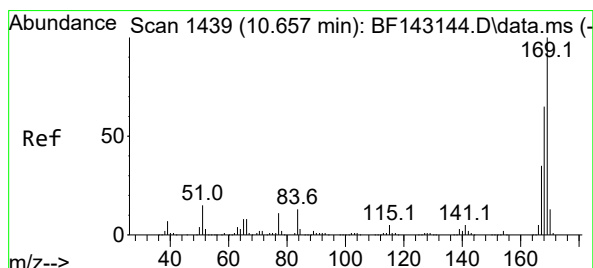
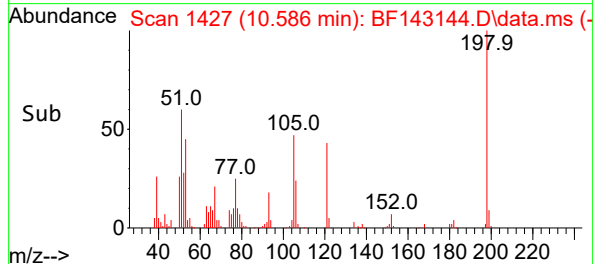
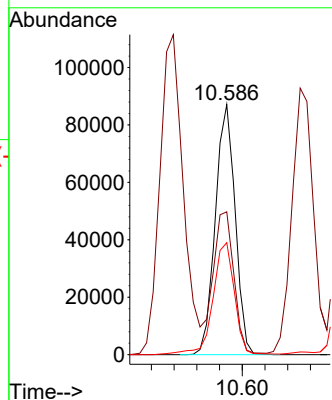
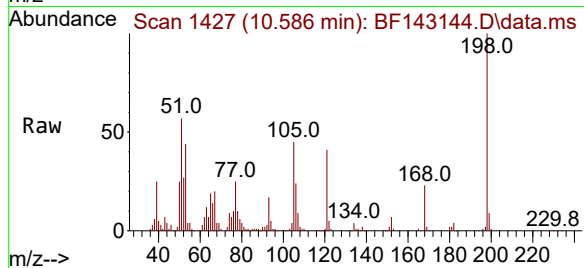
#65
4,6-Dinitro-2-methylphenol
Concen: 38.322 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 105532
Ion Ratio Lower Upper
198 100
51 57.2 37.2 77.2
105 44.8 24.8 64.8

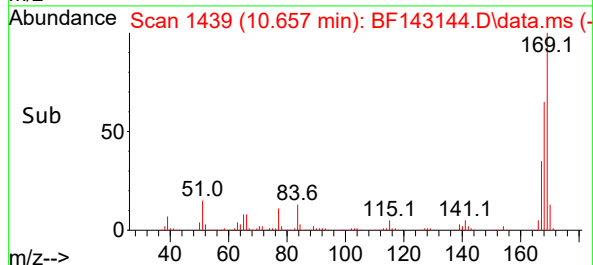
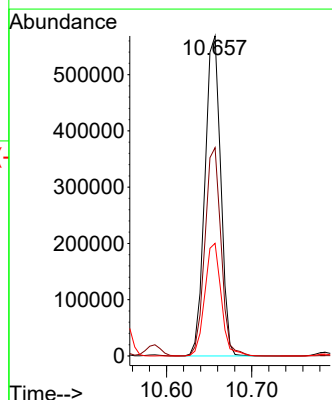
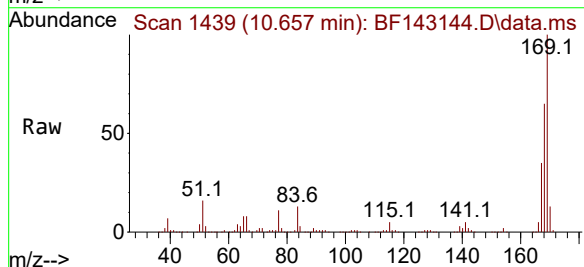
Manual Integrations
APPROVED

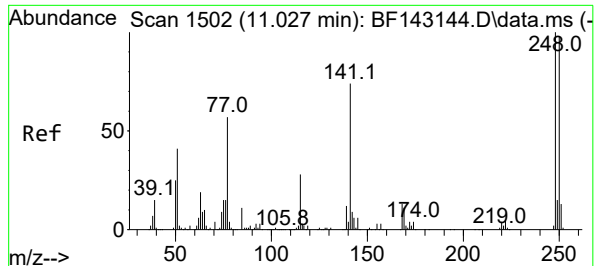
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 38.278 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

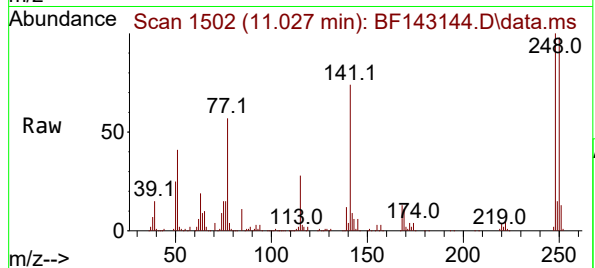
Tgt Ion:169 Resp: 731532
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.2 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 38.307 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

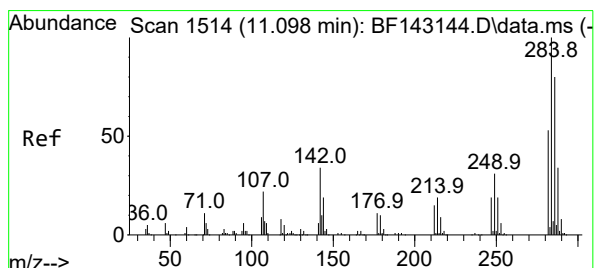
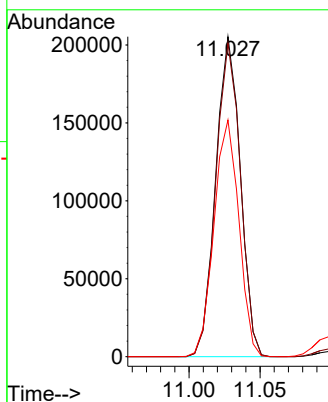
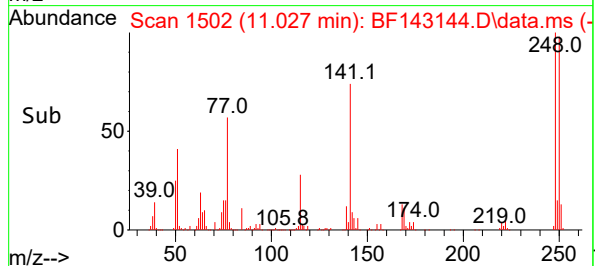
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



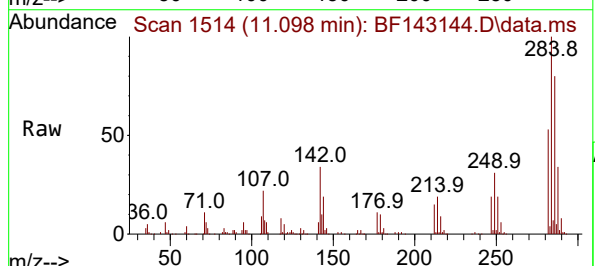
Tgt Ion:248 Resp: 247764
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 74.0 59.2 88.8

Manual Integrations
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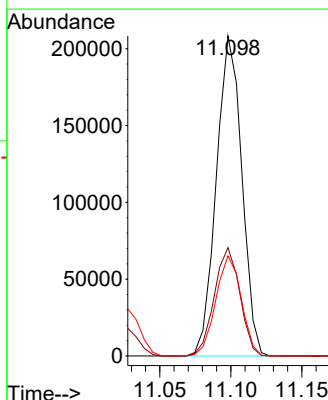
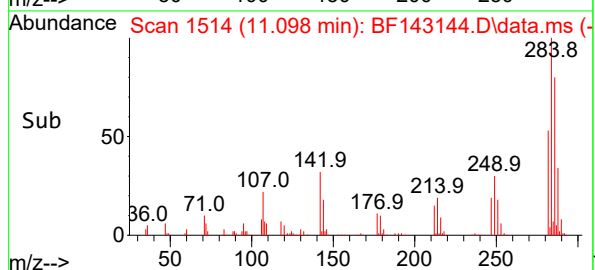
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

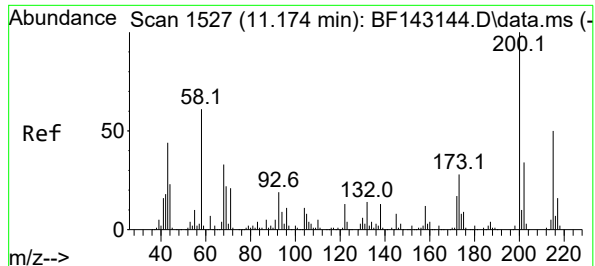


#68
Hexachlorobenzene
Concen: 38.424 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:284 Resp: 259758
Ion Ratio Lower Upper
284 100
142 33.8 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 40.421 ng

RT: 11.174 min Scan# 1527

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 212970

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

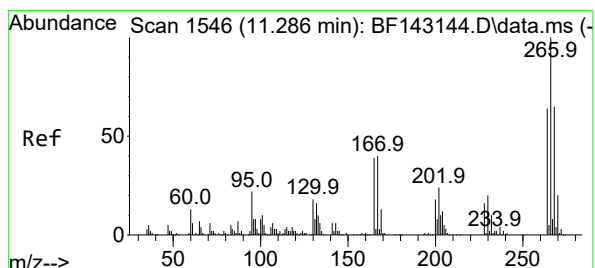
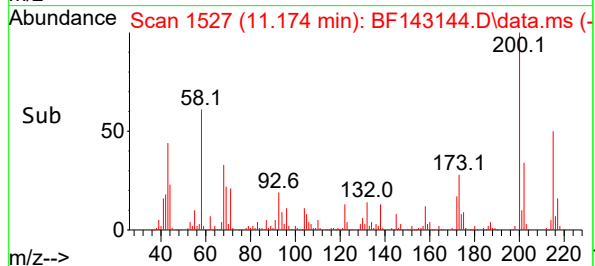
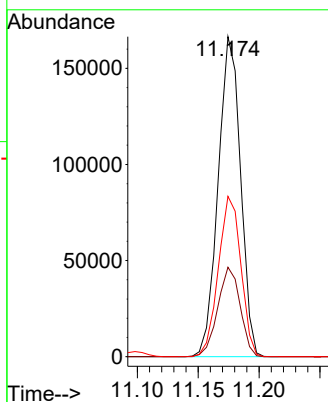
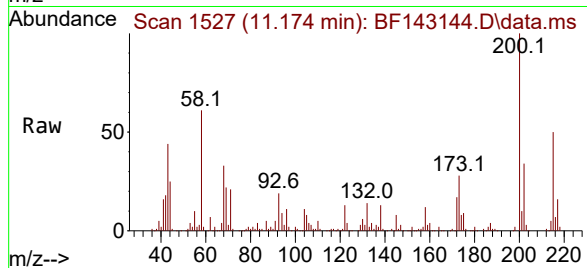
215 50.1 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 40.500 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

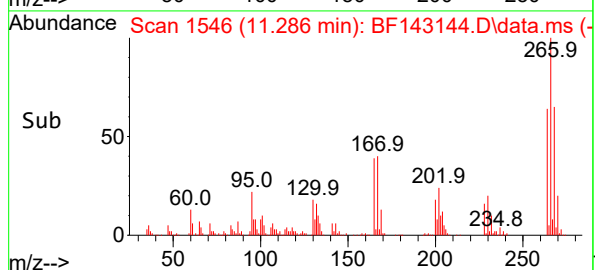
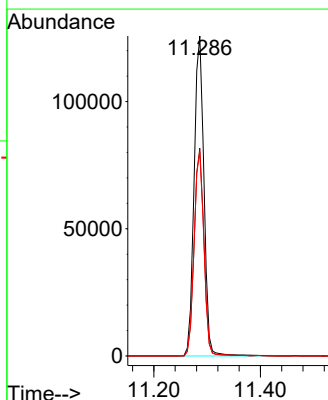
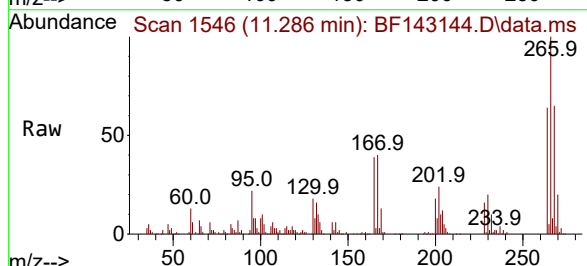
Tgt Ion:266 Resp: 161013

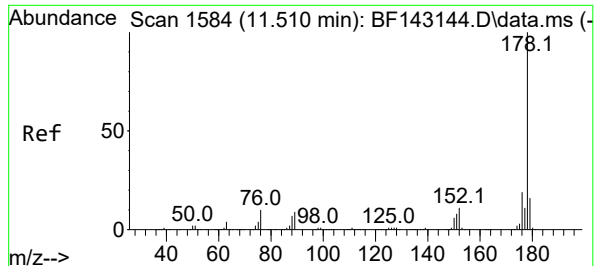
Ion Ratio Lower Upper

266 100

268 64.9 51.9 77.9

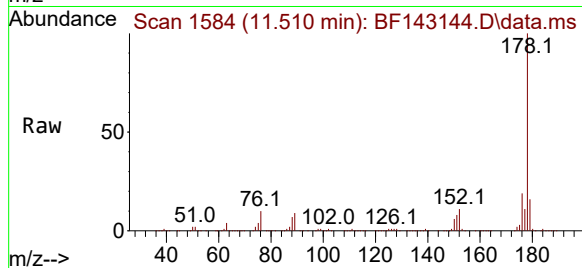
264 63.8 51.0 76.6





#71
Phenanthrene
Concen: 38.429 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

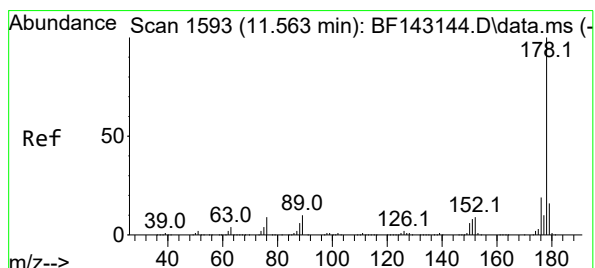
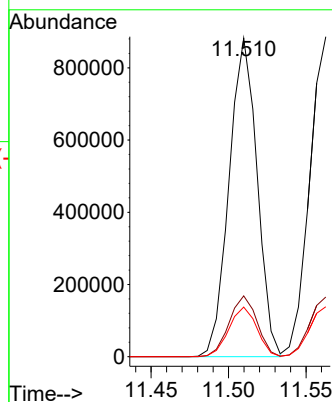
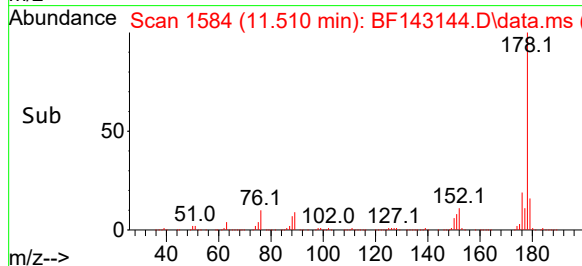
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 1107412
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7

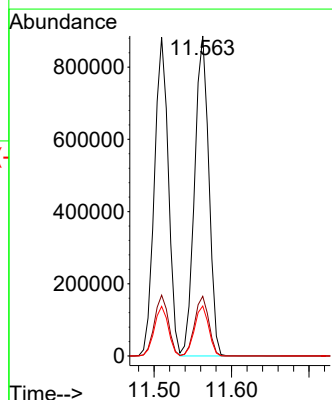
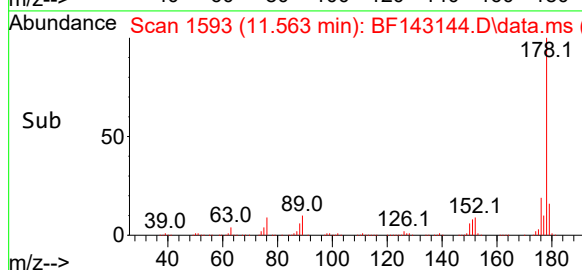
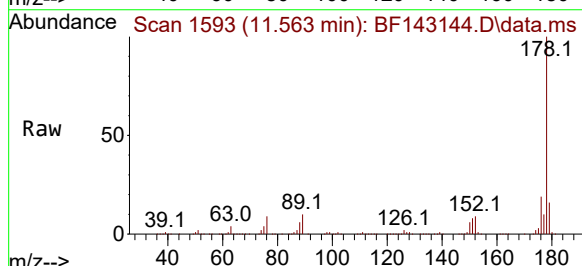
Manual Integrations
APPROVED

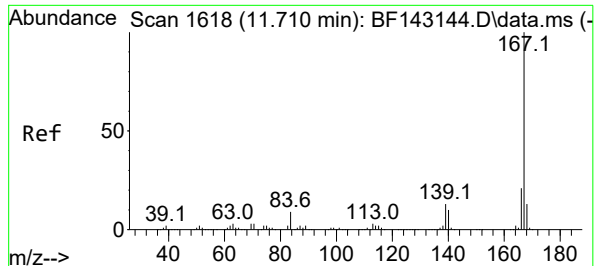
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 38.336 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

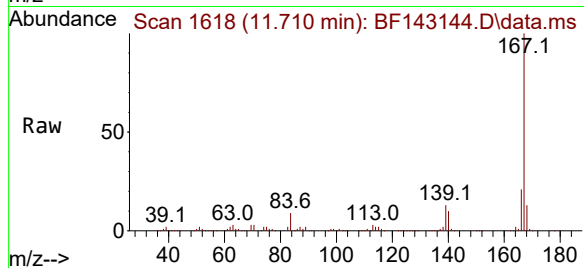
Tgt Ion:178 Resp: 1126710
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.6 12.5 18.7





#73
Carbazole
Concen: 39.304 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

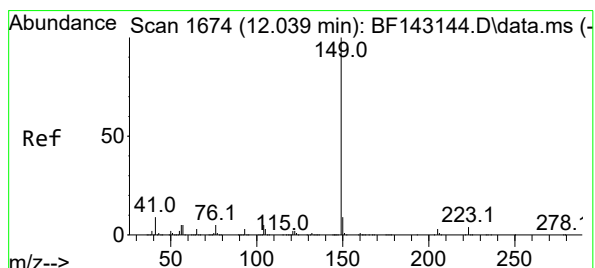
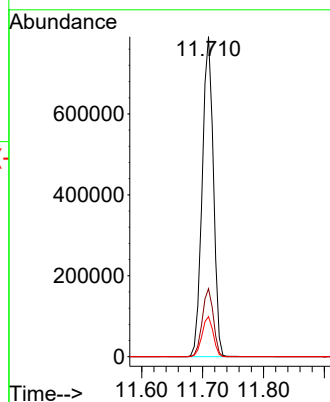
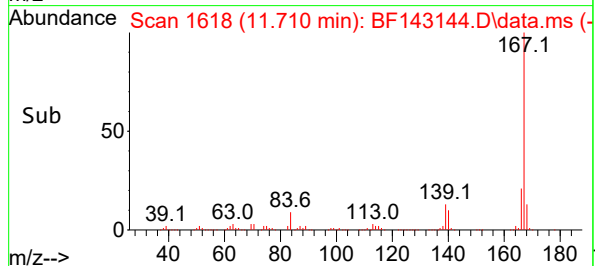
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



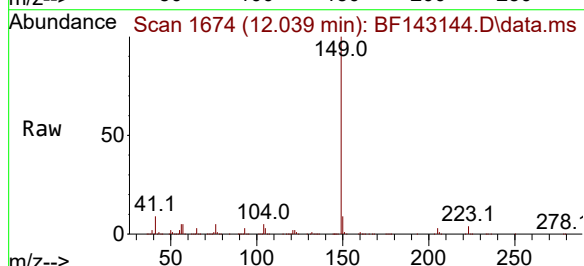
Tgt Ion:167 Resp: 1008669
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.5 10.0 15.0

Manual Integrations
APPROVED

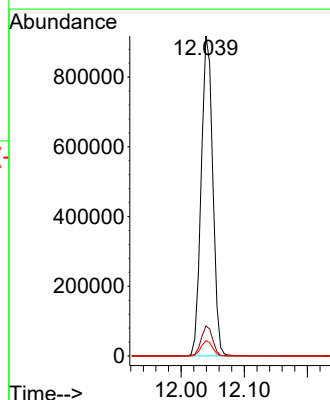
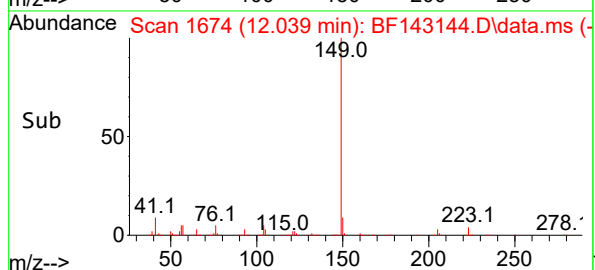
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

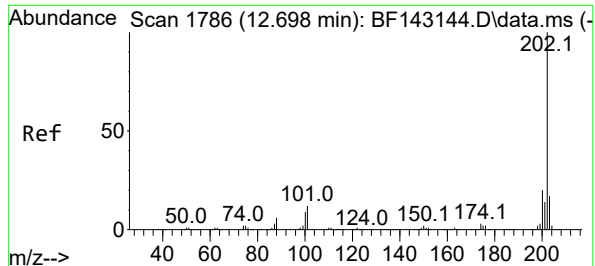


#74
Di-n-butylphthalate
Concen: 40.135 ng
RT: 12.039 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



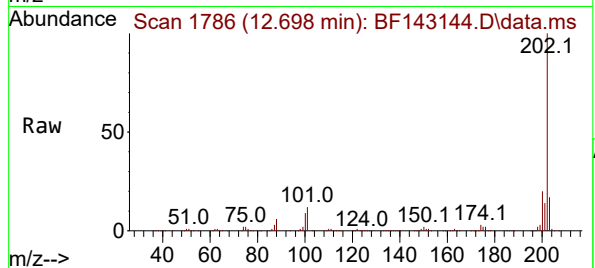
Tgt Ion:149 Resp: 1165443
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 39.111 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

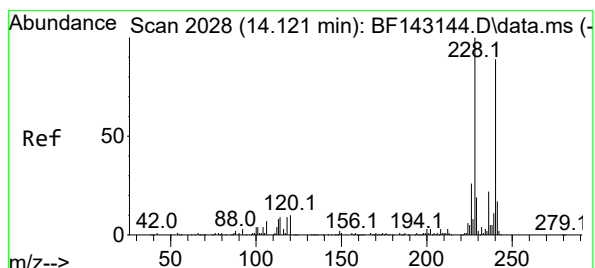
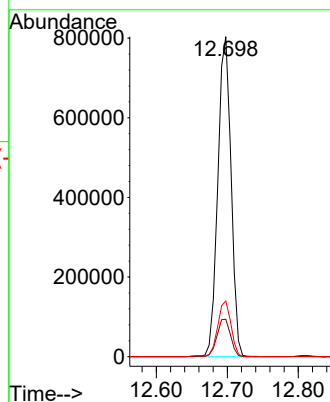
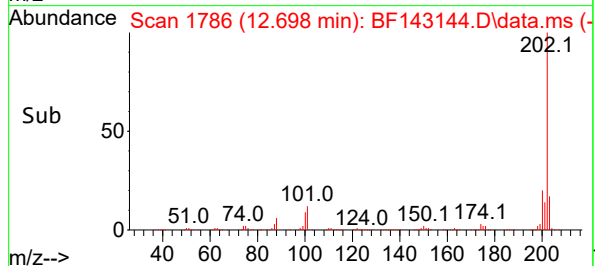
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 1034509
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.4 0.0 37.4

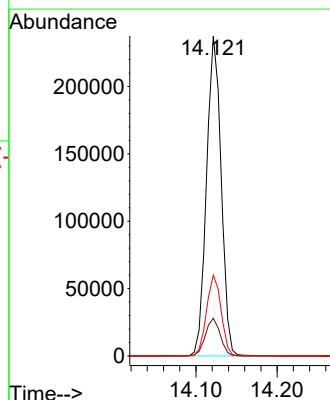
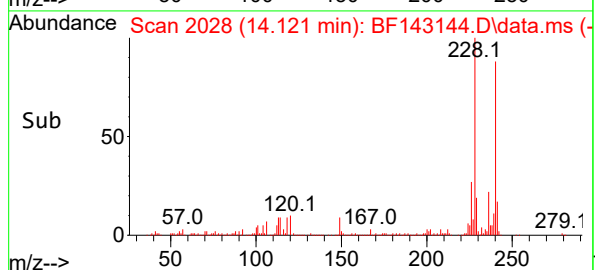
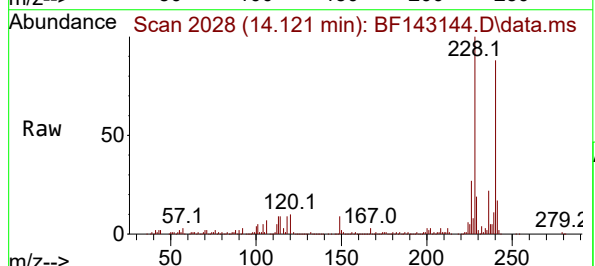
Manual Integrations
APPROVED

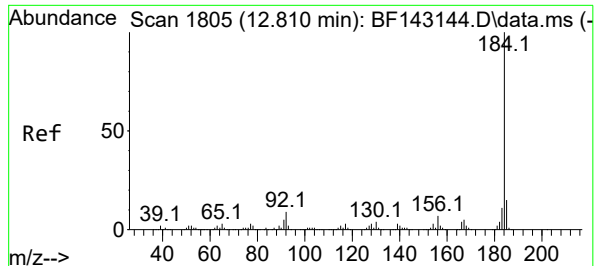
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

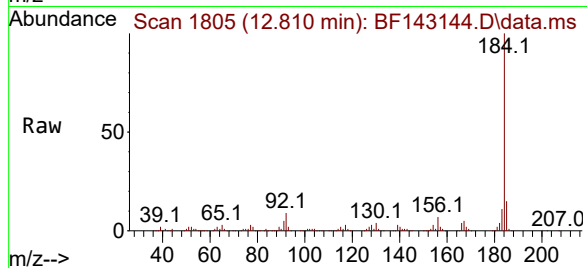
Tgt Ion:240 Resp: 296414
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.3 20.2 30.4





#77
Benzidine
Concen: 49.451 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

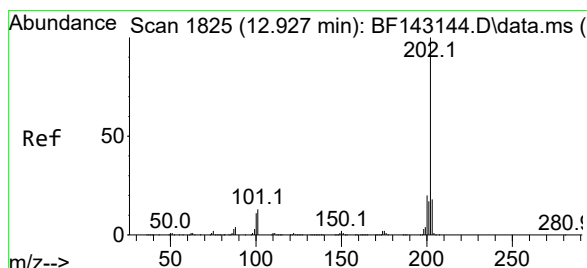
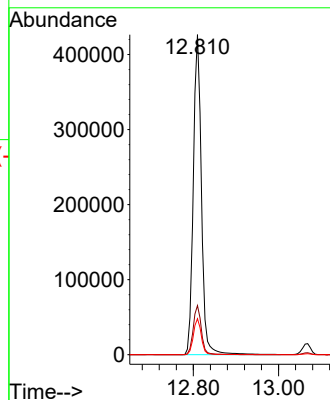
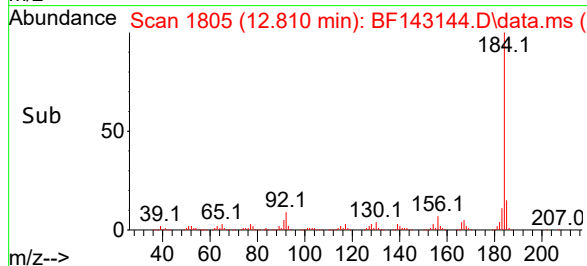
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 564732
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.2 9.0 13.4

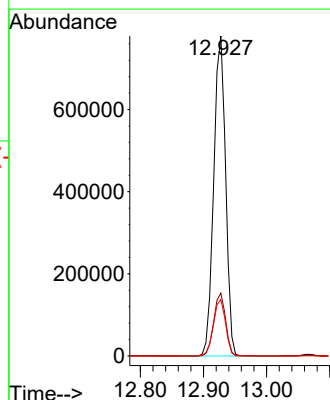
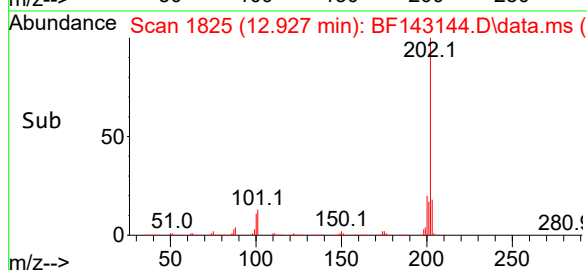
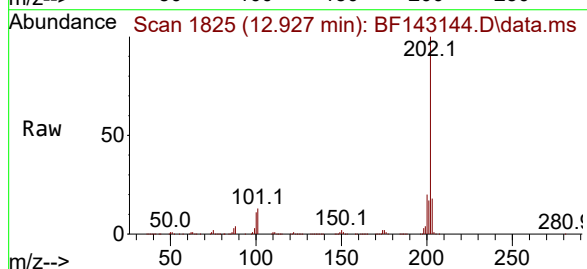
Manual Integrations
APPROVED

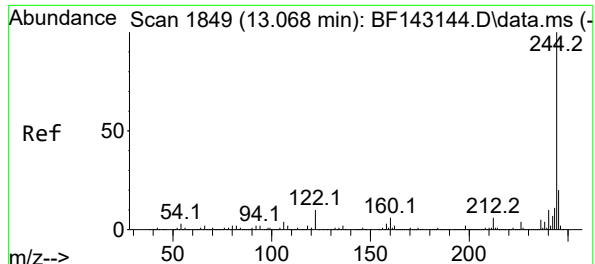
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 40.195 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:202 Resp: 1016822
Ion Ratio Lower Upper
202 100
200 19.6 15.7 23.5
203 17.7 14.2 21.2





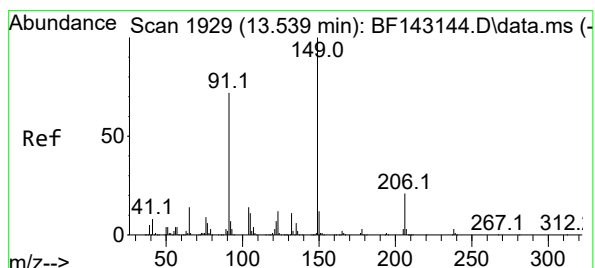
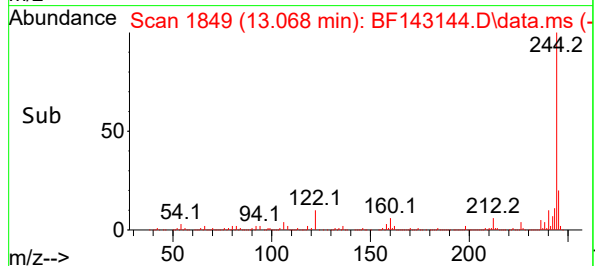
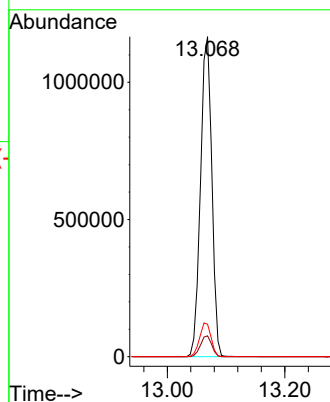
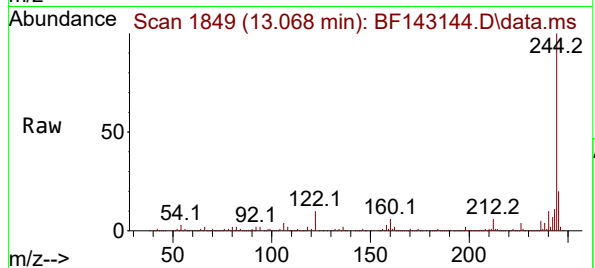
#79
Terphenyl-d14
Concen: 78.063 ng
RT: 13.068 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 155492
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.2 8.2 12.2

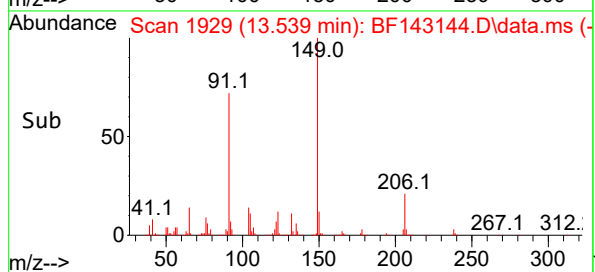
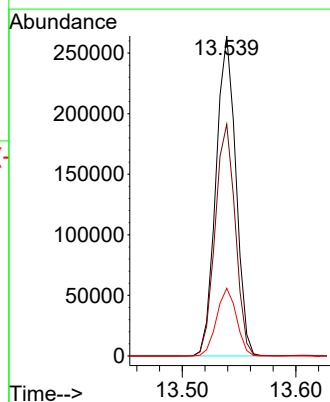
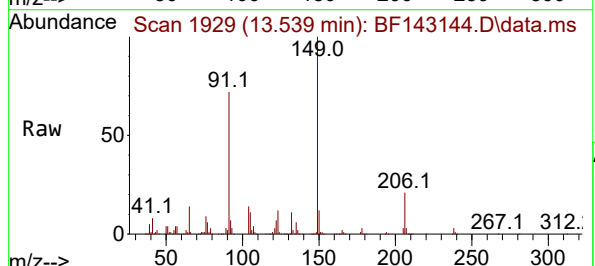
Manual Integrations
APPROVED

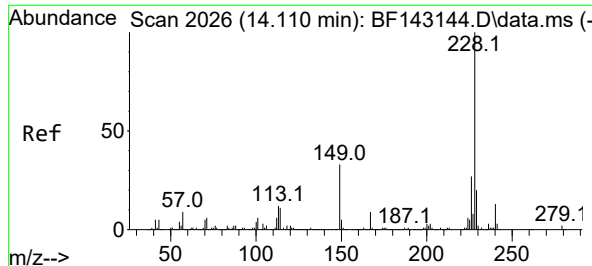
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#80
Butylbenzylphthalate
Concen: 41.603 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

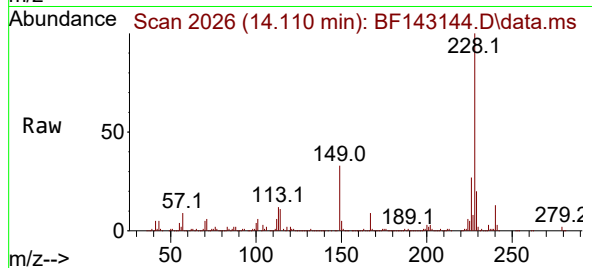
Tgt Ion:149 Resp: 322273
Ion Ratio Lower Upper
149 100
91 72.4 57.9 86.9
206 21.2 17.0 25.4





#81
Benzo(a)anthracene
Concen: 38.283 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

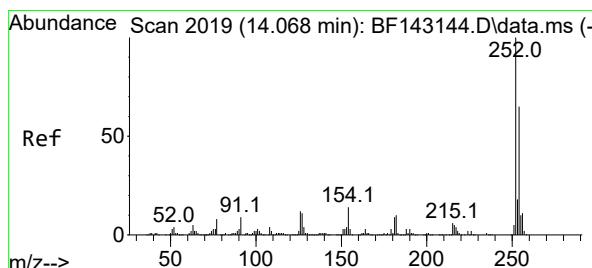
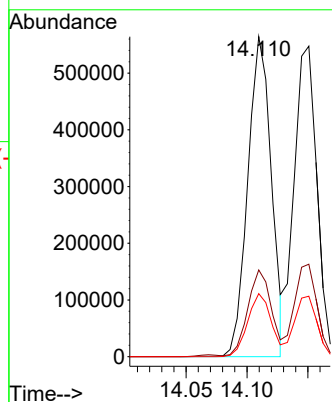
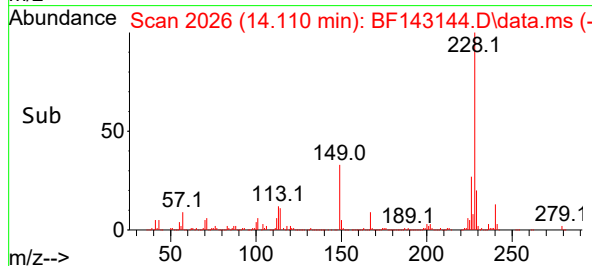
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



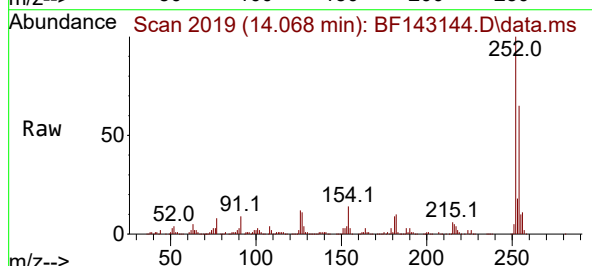
Tgt Ion:228 Resp: 759720
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.7 15.8 23.6

Manual Integrations
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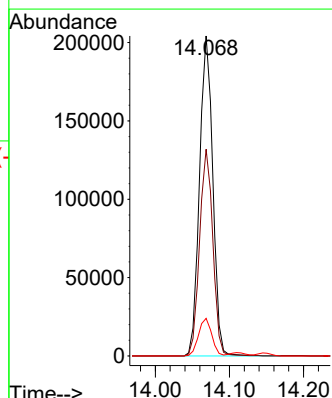
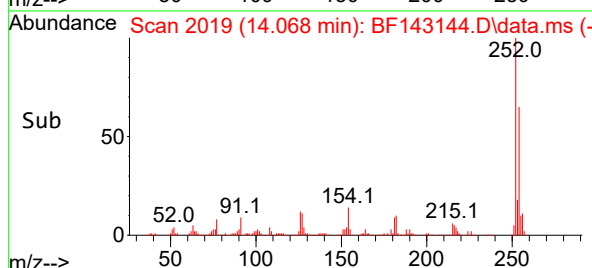
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

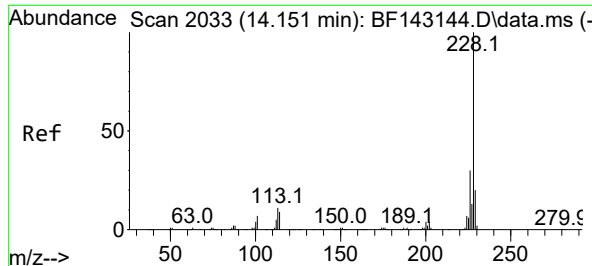


#82
3,3'-Dichlorobenzidine
Concen: 38.418 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



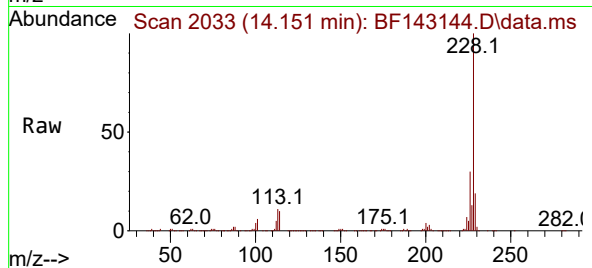
Tgt Ion:252 Resp: 254099
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.7 9.4 14.0





#83
Chrysene
Concen: 40.085 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

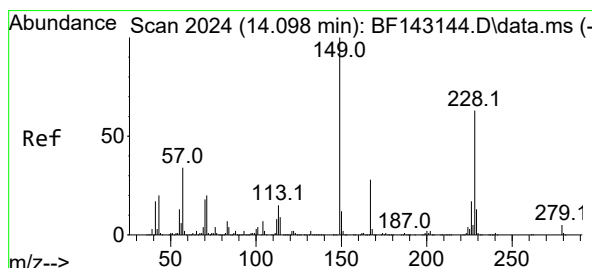
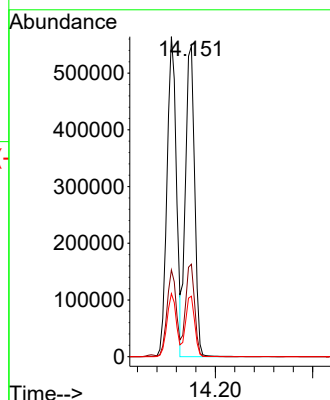
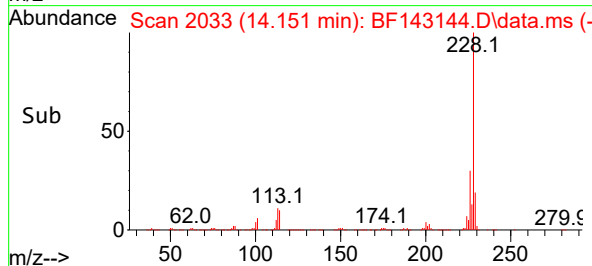
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 715222
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.5 15.6 23.4

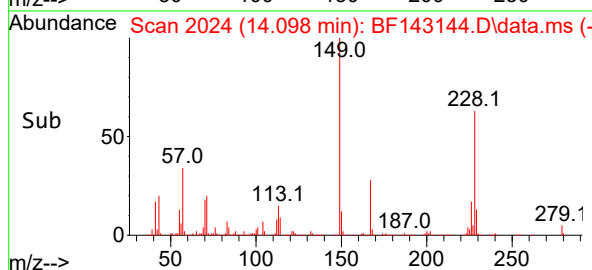
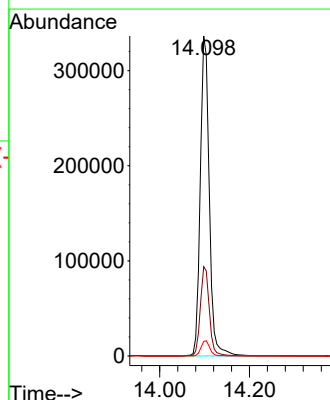
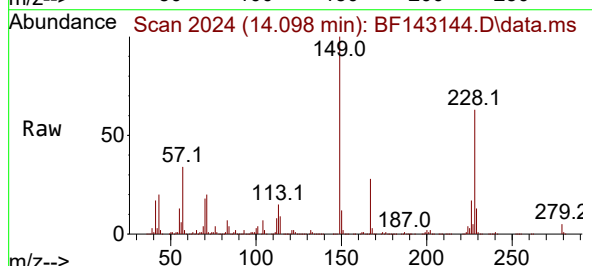
Manual Integrations
APPROVED

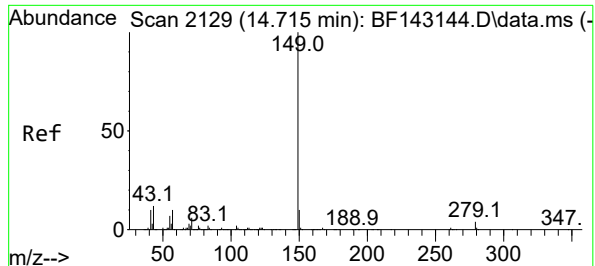
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.906 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

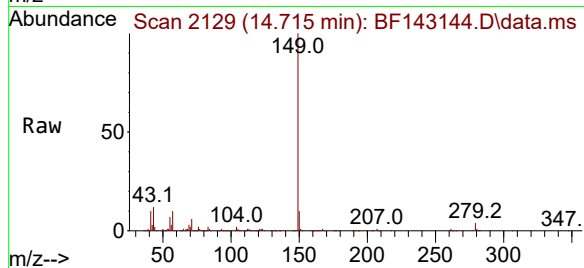
Tgt Ion:149 Resp: 467892
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.5 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 38.595 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

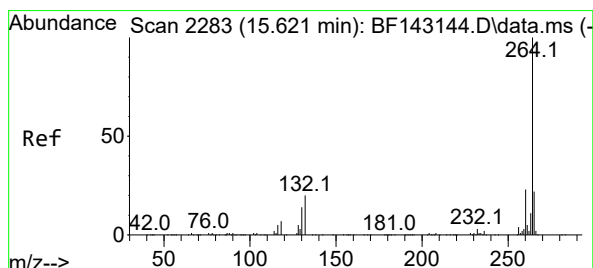
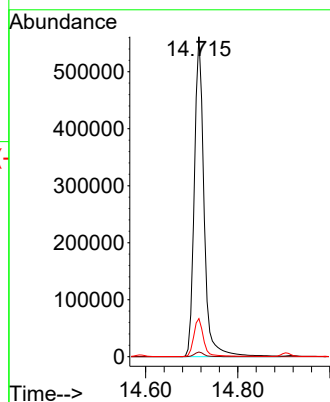
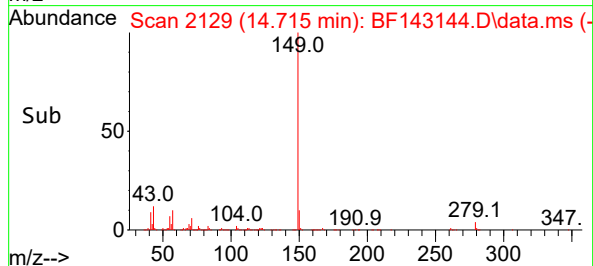
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 820264
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.1 9.7 14.5

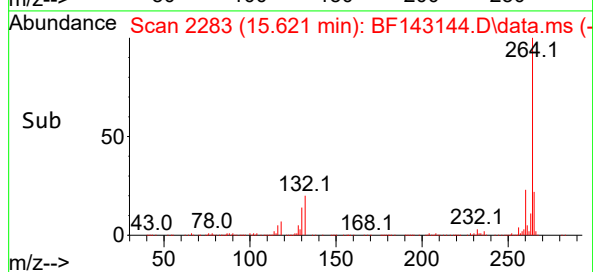
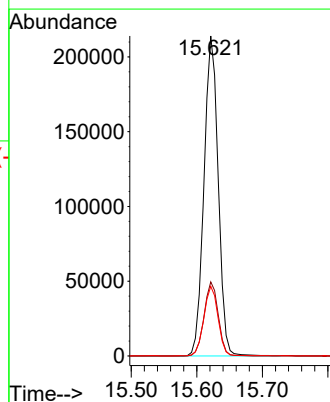
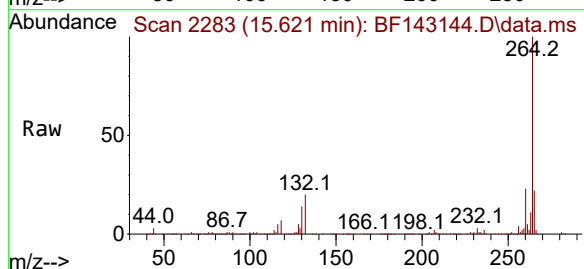
Manual Integrations
APPROVED

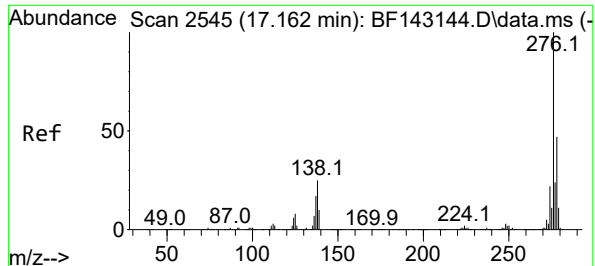
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

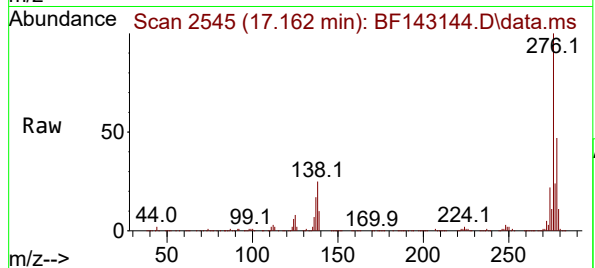
Tgt Ion:264 Resp: 323574
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.086 ng
RT: 17.162 min Scan# 2545
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

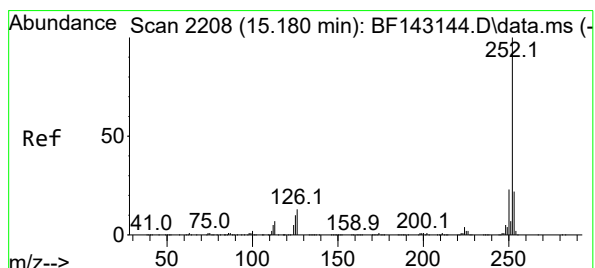
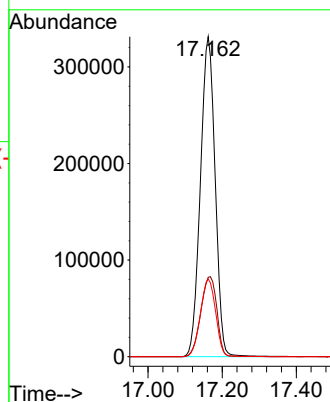
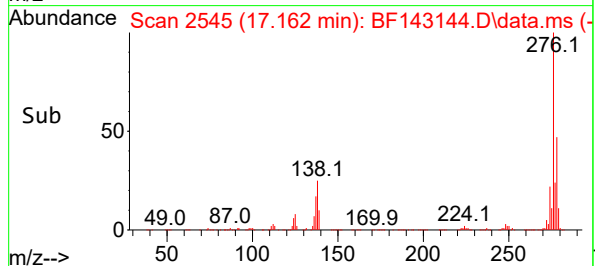
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:276 Resp: 914620
Ion Ratio Lower Upper
276 100
138 27.2 21.8 32.6
277 25.0 20.0 30.0

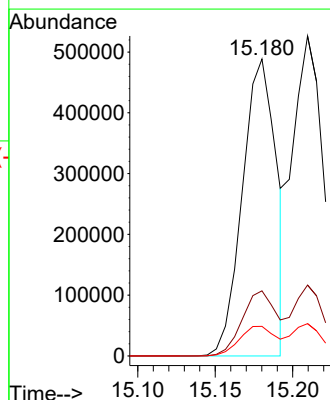
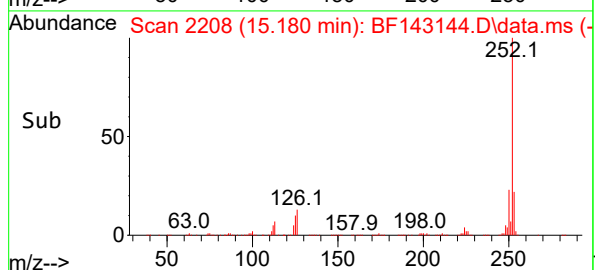
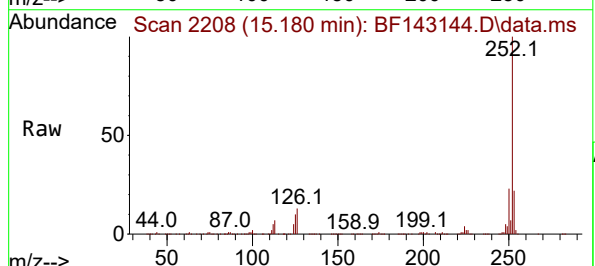
Manual Integrations
APPROVED

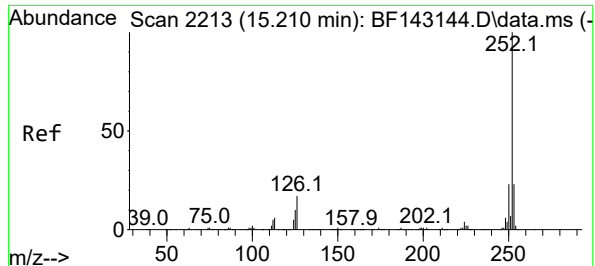
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#88
Benzo(b)fluoranthene
Concen: 37.554 ng
RT: 15.180 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

Tgt Ion:252 Resp: 742346
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.591 ng

RT: 15.210 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 73363

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

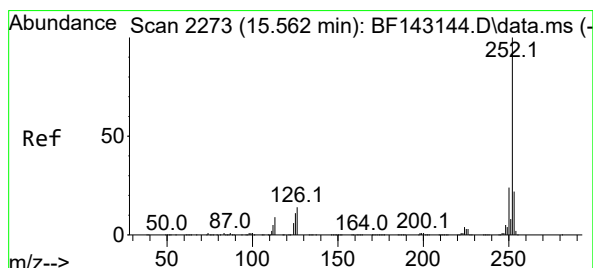
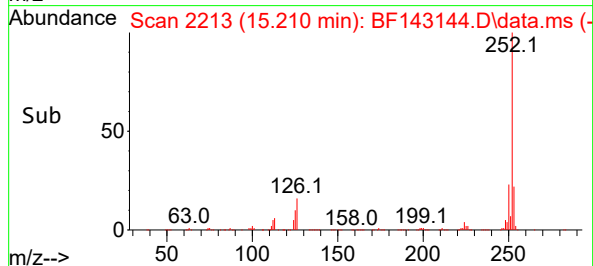
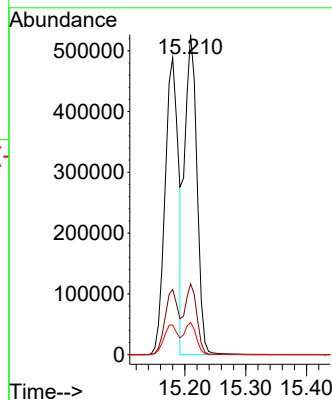
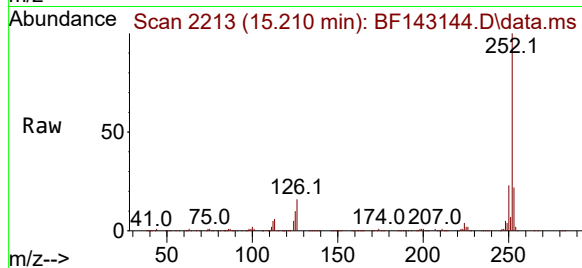
125 10.1 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 39.826 ng

RT: 15.562 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143144.D

Acq: 17 Jul 2025 13:03

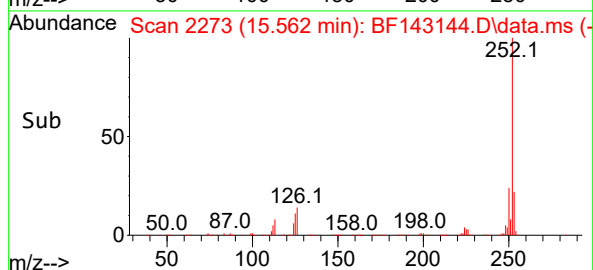
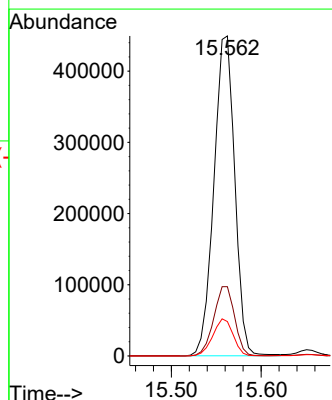
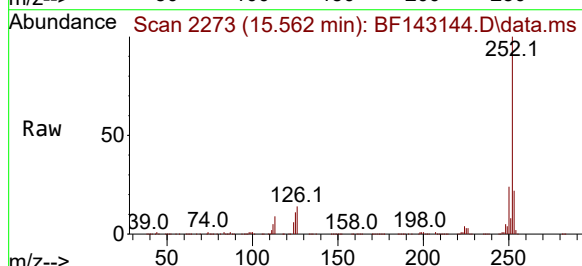
Tgt Ion:252 Resp: 725344

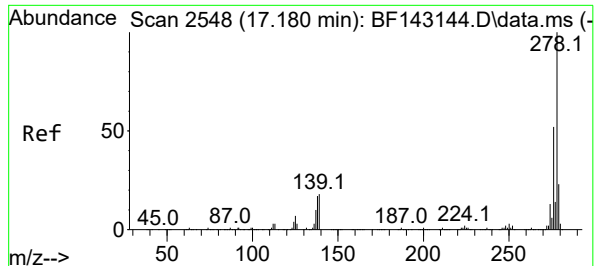
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

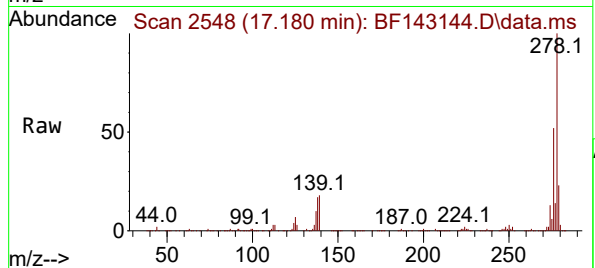
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 39.964 ng
RT: 17.180 min Scan# 2548
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03

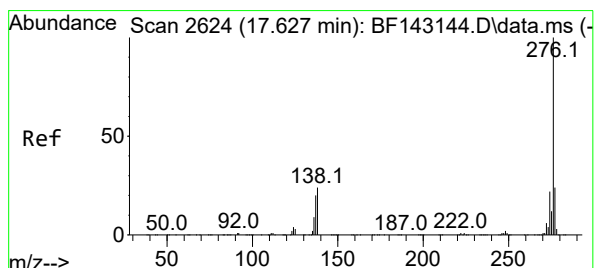
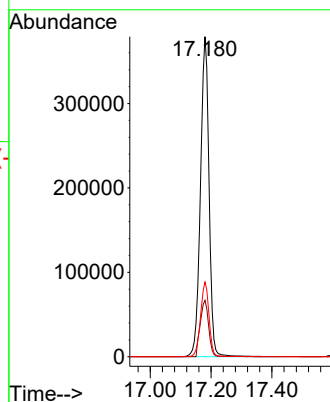
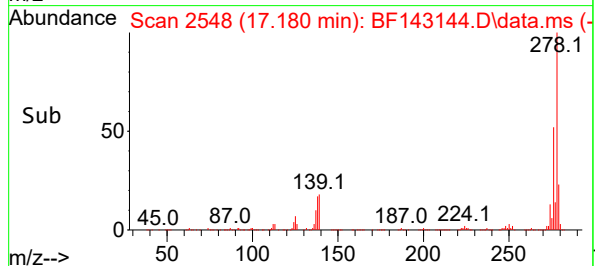
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



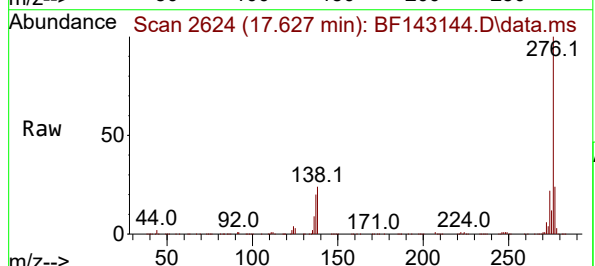
Tgt Ion:278 Resp: 742180
Ion Ratio Lower Upper
278 100
139 17.6 14.1 21.1
279 23.3 18.6 28.0

Manual Integrations
APPROVED

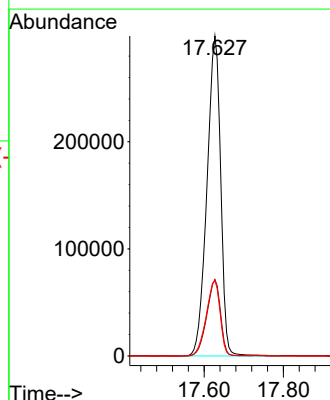
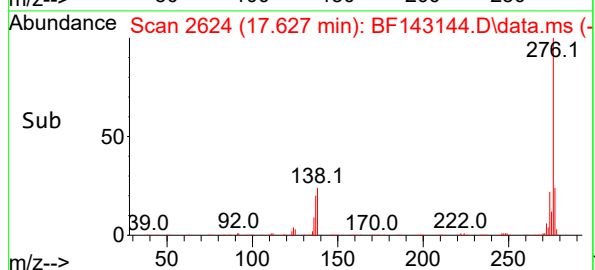
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 39.949 ng
RT: 17.627 min Scan# 2624
Delta R.T. 0.000 min
Lab File: BF143144.D
Acq: 17 Jul 2025 13:03



Tgt Ion:276 Resp: 717648
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 23.6 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143145.D
 Acq On : 17 Jul 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	144385	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	555536	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	283657	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	447089	20.000	ng	0.00
76) Chrysene-d12	14.121	240	247878	20.000	ng	0.00
86) Perylene-d12	15.621	264	282289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	927268	101.629	ng	0.00
7) Phenol-d6	6.587	99	1178468	102.615	ng	0.00
23) Nitrobenzene-d5	7.528	82	1158494	103.949	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	309465	105.607	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2005894	96.712	ng	0.00
79) Terphenyl-d14	13.068	244	1663033	99.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	225749	52.289	ng	100
3) Pyridine	3.587	79	584060	52.122	ng	99
4) n-Nitrosodimethylamine	3.534	42	307202	53.098	ng	100
6) Aniline	6.628	93	827275	51.687	ng	100
8) 2-Chlorophenol	6.751	128	493989	51.652	ng	98
9) Benzaldehyde	6.516	77	509476	59.162	ng	99
10) Phenol	6.598	94	645540m	51.598	ng	
11) bis(2-Chloroethyl)ether	6.698	93	491371	51.295	ng	99
12) 1,3-Dichlorobenzene	6.910	146	529202	50.937	ng	99
13) 1,4-Dichlorobenzene	6.981	146	531696	50.818	ng	99
14) 1,2-Dichlorobenzene	7.134	146	510140	51.264	ng	100
15) Benzyl Alcohol	7.098	79	461379	52.616	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	908530	51.128	ng	99
17) 2-Methylphenol	7.204	107	418793	52.079	ng	100
18) Hexachloroethane	7.481	117	189394	52.289	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	369367	50.131	ng	99
20) 3+4-Methylphenols	7.363	107	506069	51.870	ng	# 89
22) Acetophenone	7.369	105	661017	50.258	ng	98
24) Nitrobenzene	7.545	77	538666	51.843	ng	100
25) Isophorone	7.786	82	1018783	51.783	ng	99
26) 2-Nitrophenol	7.857	139	252169	55.920	ng	98
27) 2,4-Dimethylphenol	7.892	122	469819	51.112	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	597241	50.631	ng	100
29) 2,4-Dichlorophenol	8.098	162	401336	51.773	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	420763	50.242	ng	99
31) Naphthalene	8.269	128	1369627	50.060	ng	100
32) Benzoic acid	7.998	122	273361m	52.352	ng	
33) 4-Chloroaniline	8.310	127	566422	50.703	ng	99
34) Hexachlorobutadiene	8.392	225	260787	50.976	ng	99
35) Caprolactam	8.680	113	126050	53.811	ng	96
36) 4-Chloro-3-methylphenol	8.786	107	431745	51.242	ng	98
37) 2-Methylnaphthalene	8.957	142	837820	50.324	ng	100
38) 1-Methylnaphthalene	9.057	142	862300	50.298	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	412916	50.420	ng	100
41) Hexachlorocyclopentadiene	9.116	237	286805	53.823	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	304466	53.718	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143145.D
 Acq On : 17 Jul 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

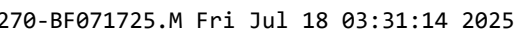
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	291607	51.434	ng	99
46) 1,1'-Biphenyl	9.422	154	1101317	49.764	ng	99
47) 2-Chloronaphthalene	9.445	162	826749	50.488	ng	100
48) 2-Nitroaniline	9.533	65	281082	54.736	ng	99
49) Acenaphthylene	9.863	152	1388721	50.605	ng	100
50) Dimethylphthalate	9.716	163	939863	50.832	ng	100
51) 2,6-Dinitrotoluene	9.775	165	205147	54.541	ng	98
52) Acenaphthene	10.033	154	818783	50.481	ng	100
53) 3-Nitroaniline	9.945	138	236959	53.861	ng	99
54) 2,4-Dinitrophenol	10.045	184	81983	50.750	ng	98
55) Dibenzofuran	10.204	168	1204088	50.001	ng	99
56) 4-Nitrophenol	10.086	139	177408	54.001	ng	98
57) 2,4-Dinitrotoluene	10.180	165	264045	55.954	ng	95
58) Fluorene	10.551	166	891646	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	248745	52.965	ng	100
60) Diethylphthalate	10.416	149	942625	51.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	449168	49.911	ng	99
62) 4-Nitroaniline	10.557	138	205210	54.424	ng	99
63) Azobenzene	10.698	77	966931	50.766	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	122876	51.927	ng	100
66) n-Nitrosodiphenylamine	10.657	169	811422	51.540	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	275679	51.741	ng	98
68) Hexachlorobenzene	11.098	284	288405	51.788	ng	100
69) Atrazine	11.180	200	232907	53.662	ng	99
70) Pentachlorophenol	11.286	266	178753	54.581	ng	99
71) Phenanthrene	11.510	178	1194582	50.321	ng	100
72) Anthracene	11.563	178	1223920	50.552	ng	100
73) Carbazole	11.710	167	1076803	50.934	ng	100
74) Di-n-butylphthalate	12.045	149	1250841	52.290	ng	100
75) Fluoranthene	12.698	202	1093890	50.203	ng	100
77) Benzidine	12.810	184	431944	45.229	ng	100
78) Pyrene	12.927	202	1078520	50.982	ng	100
80) Butylbenzylphthalate	13.539	149	360698	55.681	ng	98
81) Benzo(a)anthracene	14.110	228	880975	53.085	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	294836	53.305	ng	99
83) Chrysene	14.151	228	754953	50.597	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	534128	54.475	ng	100
85) Di-n-octyl phthalate	14.715	149	960309	54.032	ng	99
87) Indeno(1,2,3-cd)pyrene	17.168	276	1061877	53.347	ng	99
88) Benzo(b)fluoranthene	15.180	252	953990	55.319	ng	100
89) Benzo(k)fluoranthene	15.209	252	754417	49.024	ng	99
90) Benzo(a)pyrene	15.562	252	840968	52.928	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	861467	53.172	ng	99
92) Benzo(g,h,i)perylene	17.633	276	843865	53.845	ng	100

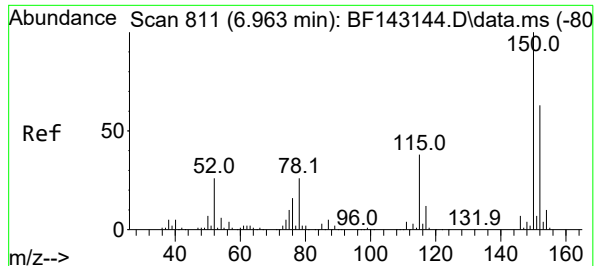
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations

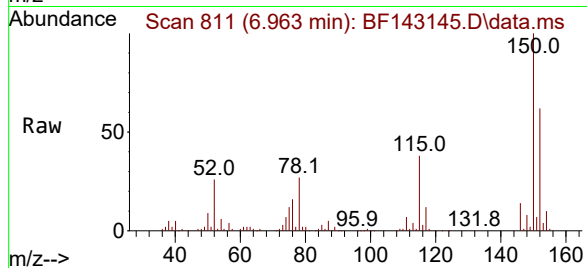
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

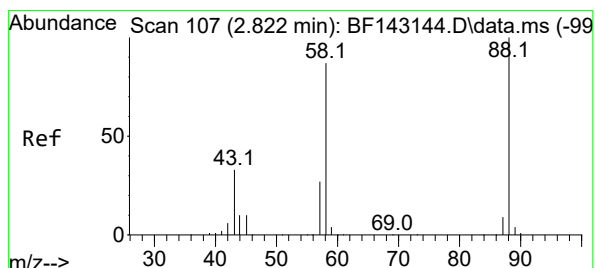
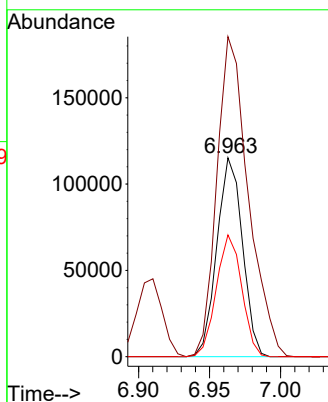
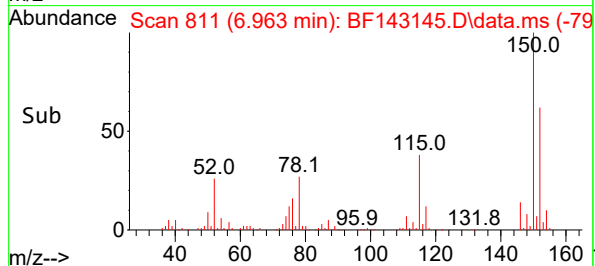
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



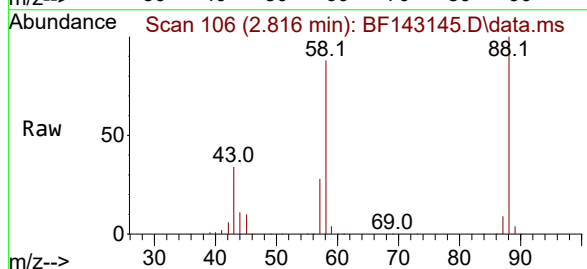
Tgt Ion:152 Resp: 144385
Ion Ratio Lower Upper
152 100
150 160.9 128.2 192.4
115 61.2 47.9 71.9

Manual Integrations
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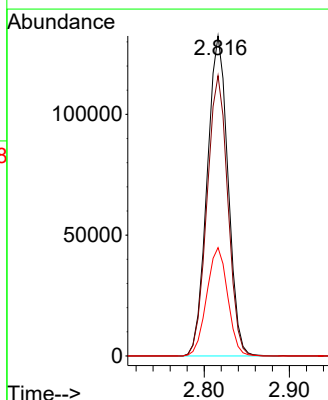
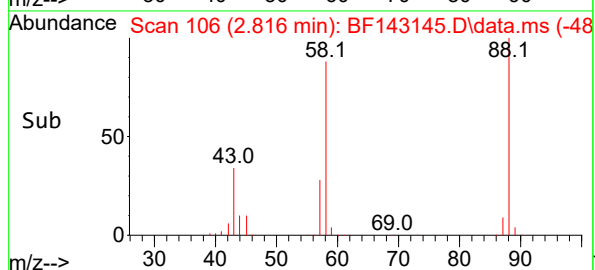
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

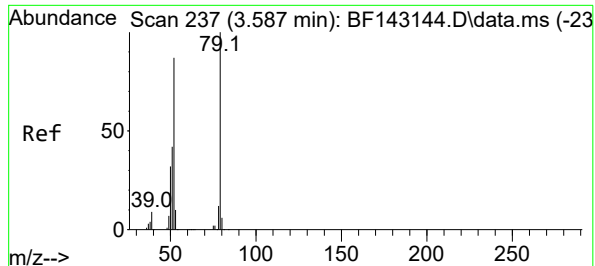


#2
1,4-Dioxane
Concen: 52.289 ng
RT: 2.816 min Scan# 106
Delta R.T. -0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion: 88 Resp: 225749
Ion Ratio Lower Upper
88 100
58 87.3 70.2 105.2
43 34.0 27.1 40.7





#3

Pyridine

Concen: 52.122 ng

RT: 3.587 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 584060

Ion Ratio Lower Upper

79 100

52 85.8 69.4 104.2

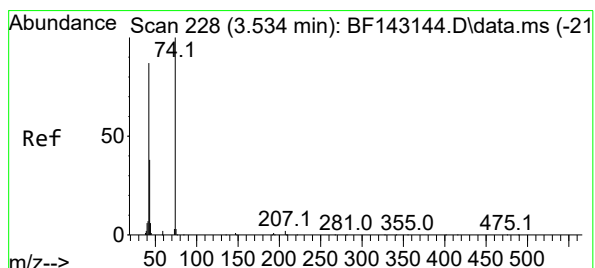
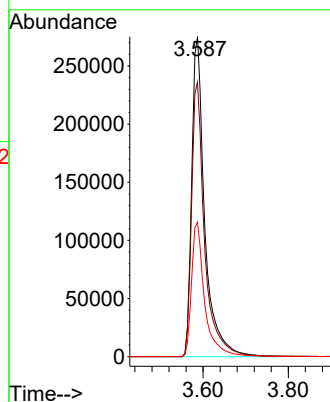
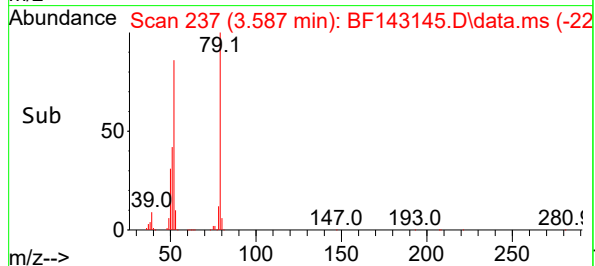
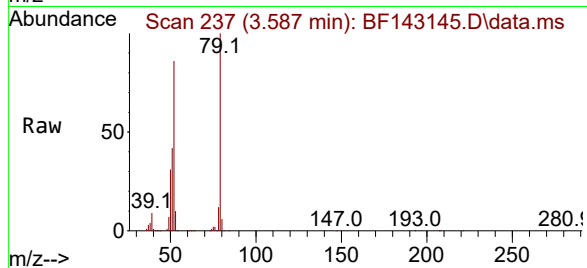
51 42.0 33.5 50.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#4

n-Nitrosodimethylamine

Concen: 53.098 ng

RT: 3.534 min Scan# 228

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

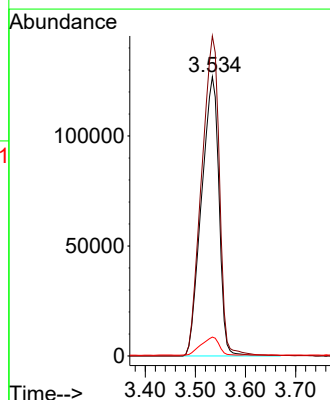
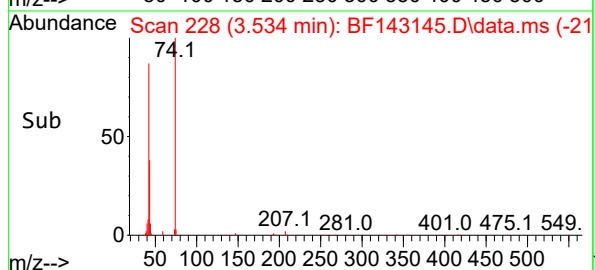
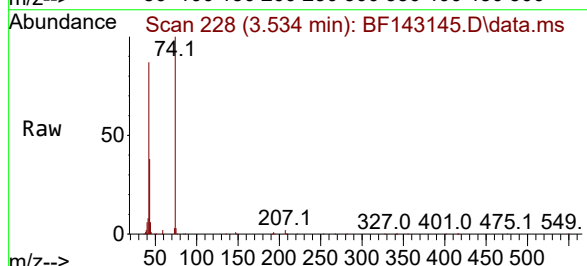
Tgt Ion: 42 Resp: 307202

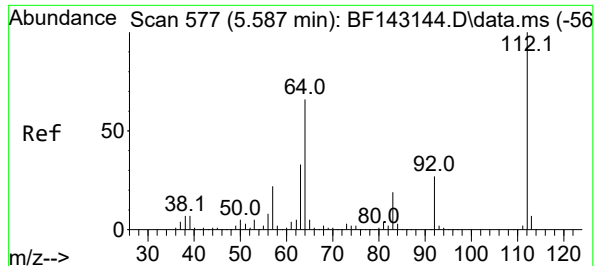
Ion Ratio Lower Upper

42 100

74 114.6 91.7 137.5

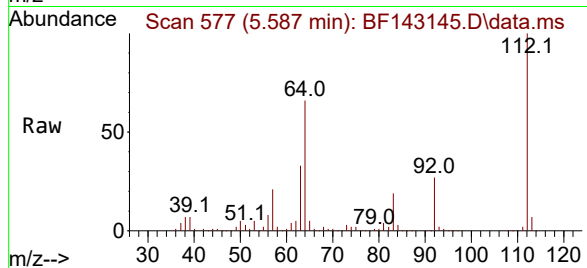
44 6.8 5.6 8.4





#5
2-Fluorophenol
Concen: 101.629 ng
RT: 5.587 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

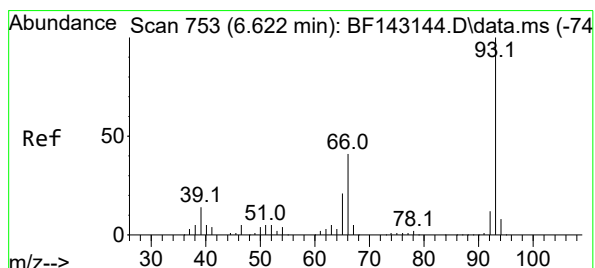
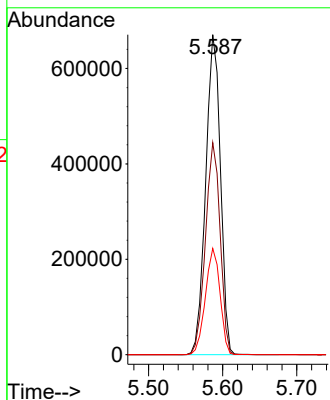
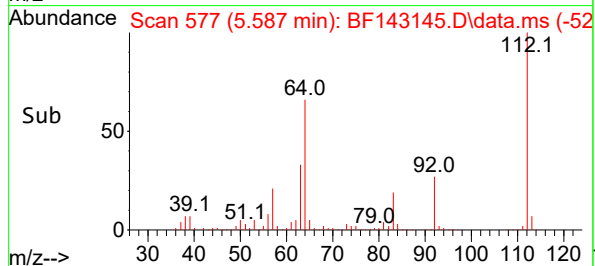
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 927268
Ion Ratio Lower Upper
112 100
64 66.3 53.1 79.7
63 33.2 26.6 40.0

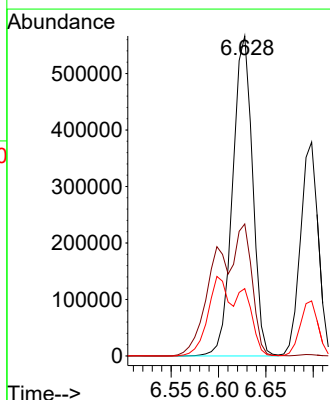
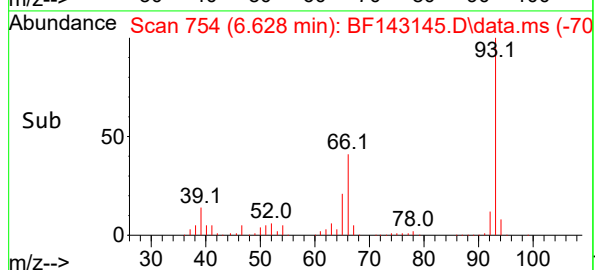
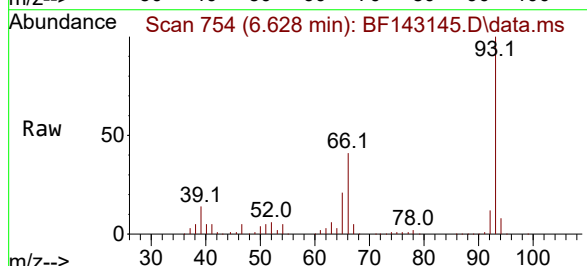
Manual Integrations
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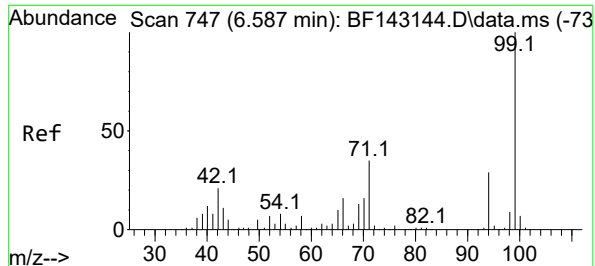
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 51.687 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

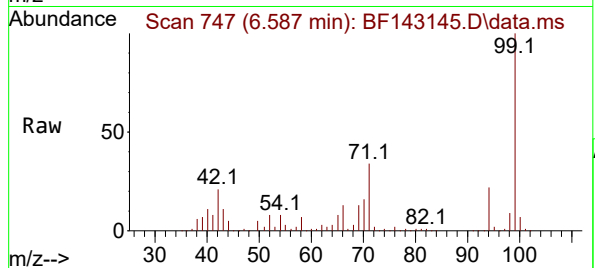
Tgt Ion: 93 Resp: 827275
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 21.1 16.9 25.3





#7
Phenol-d6
Concen: 102.615 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

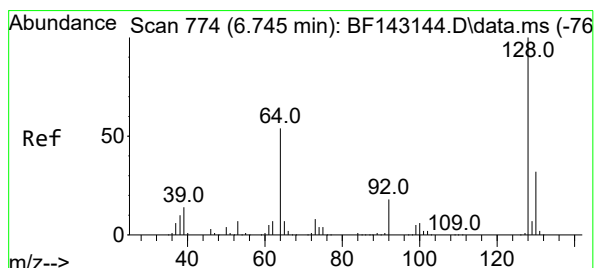
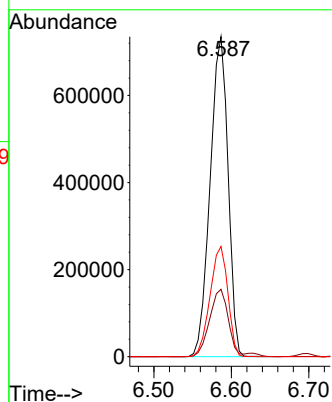
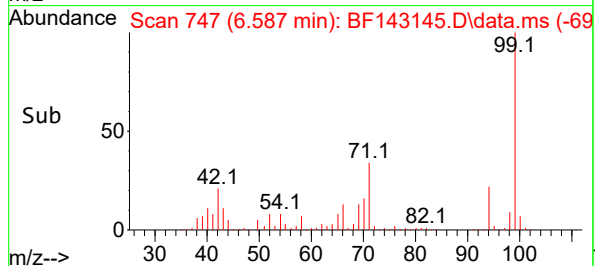
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 117846
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.4 27.7 41.5

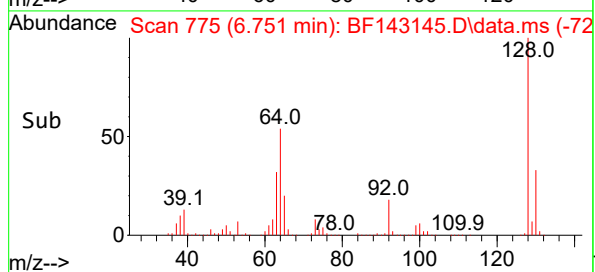
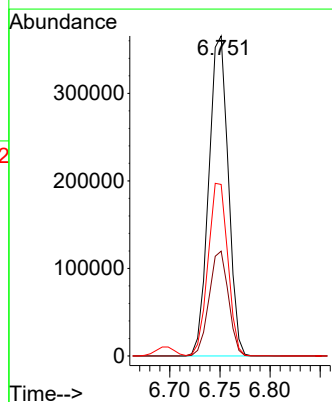
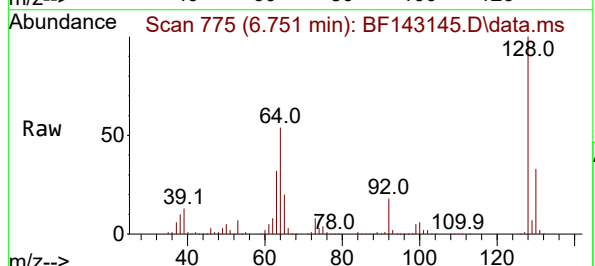
Manual Integrations
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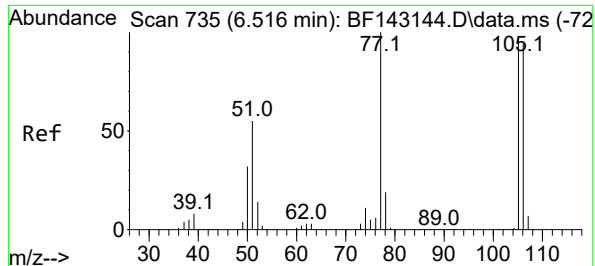
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 51.652 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:128 Resp: 493989
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 53.6 35.9 75.9





#9

Benzaldehyde

Concen: 59.162 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 509470

Ion Ratio Lower Upper

77 100

105 95.5 76.8 116.8

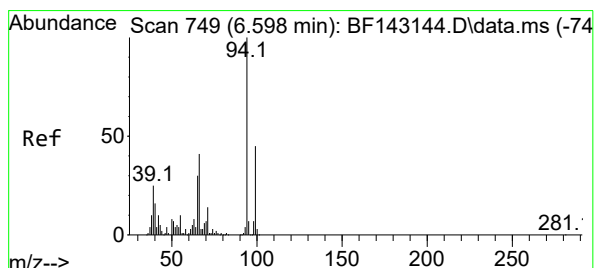
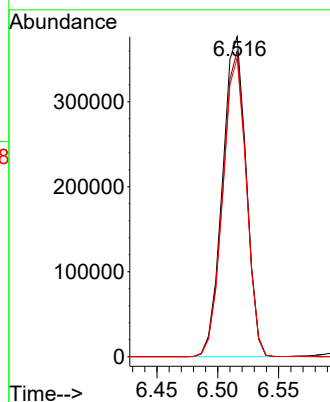
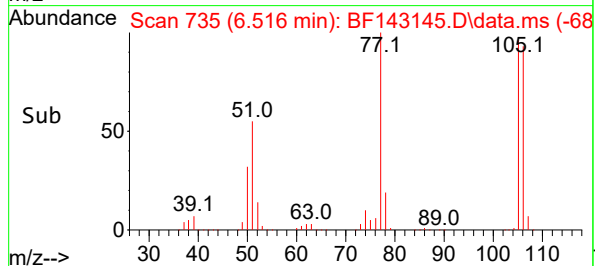
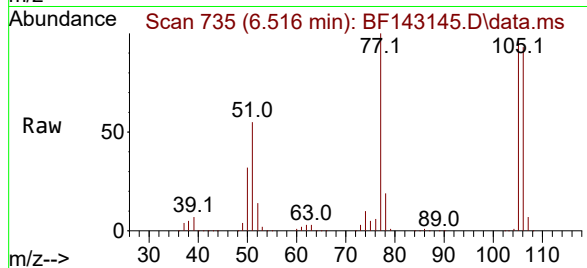
106 93.3 74.4 114.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 51.598 ng m

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

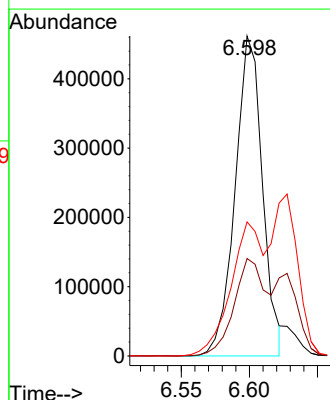
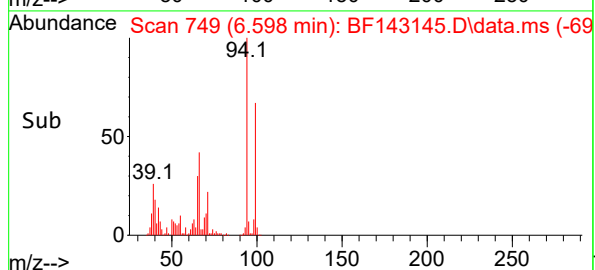
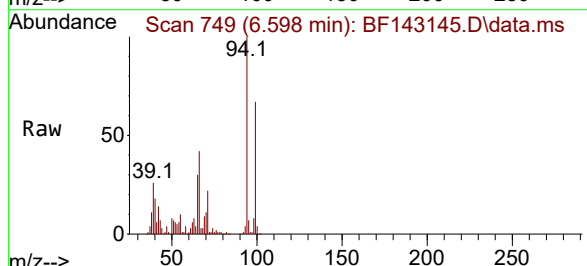
Tgt Ion: 94 Resp: 645540

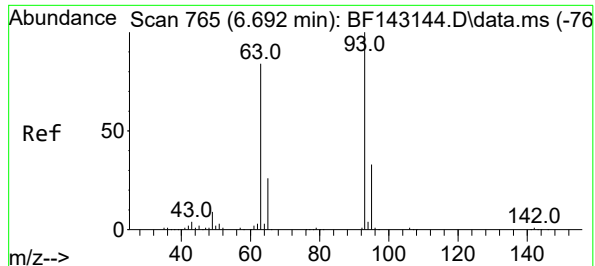
Ion Ratio Lower Upper

94 100

65 30.5 10.0 50.0

66 41.9 20.8 60.8





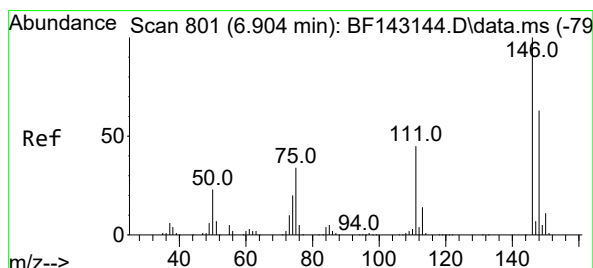
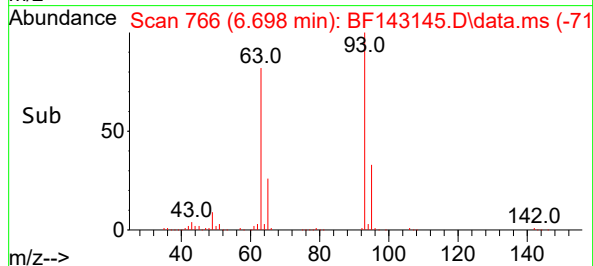
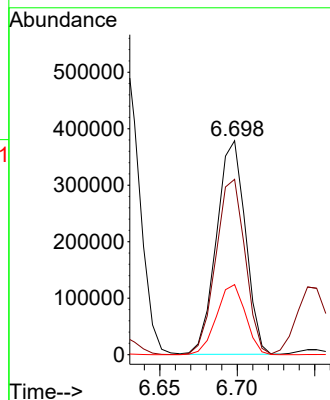
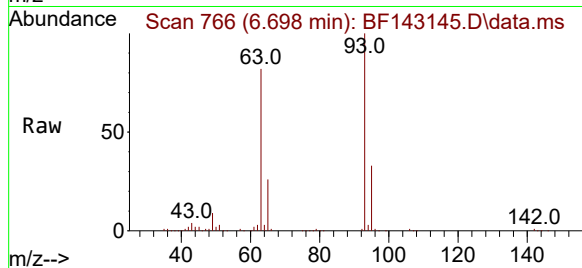
#11
bis(2-Chloroethyl)ether
Concen: 51.295 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 49137
Ion Ratio Lower Upper
93 100
63 82.0 63.4 103.4
95 32.8 12.4 52.4

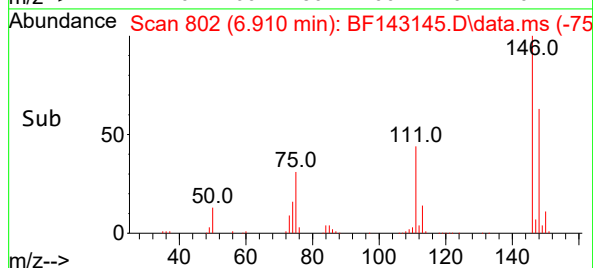
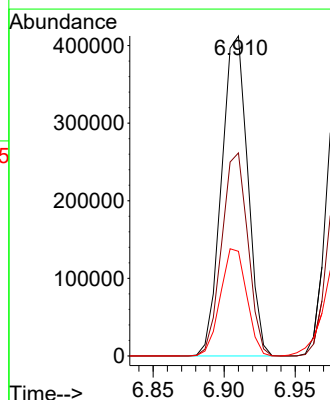
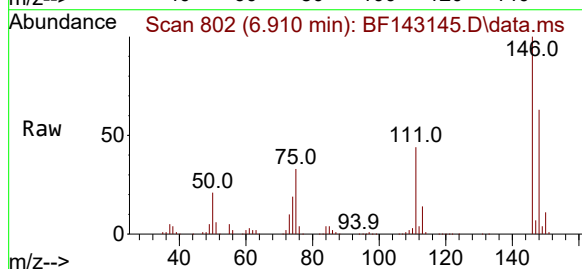
Manual Integrations
APPROVED

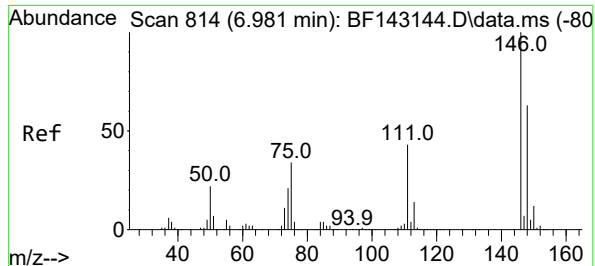
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 50.937 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:146 Resp: 529202
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 50.818 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 531690

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

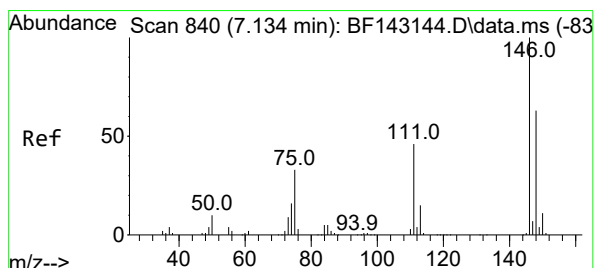
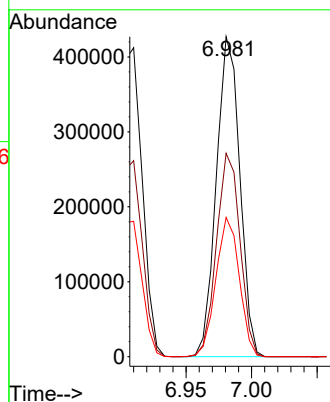
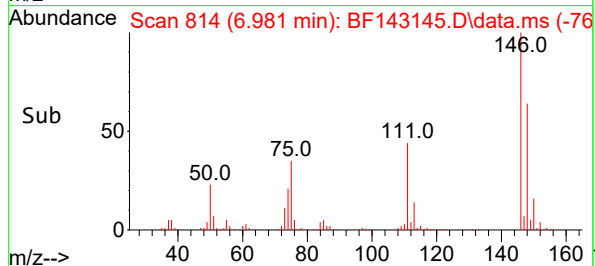
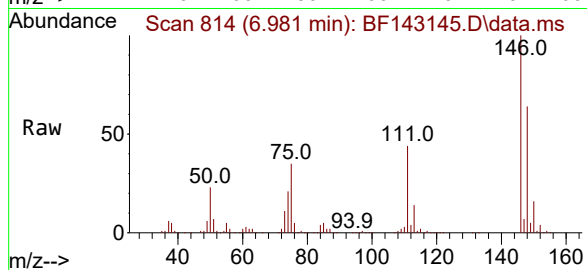
111 43.5 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 51.264 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

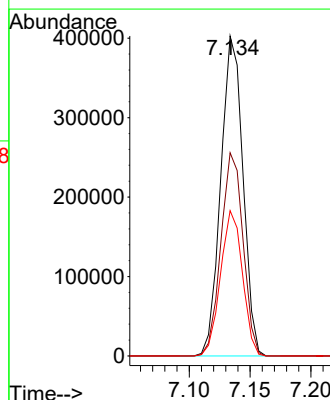
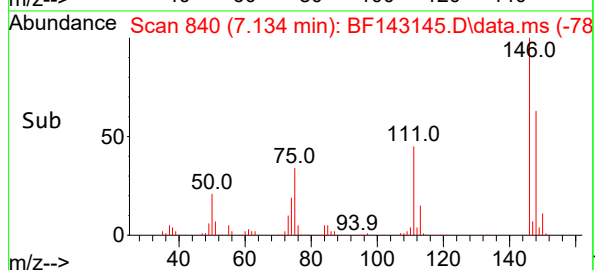
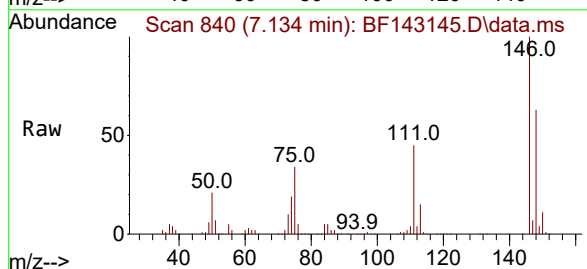
Tgt Ion:146 Resp: 510140

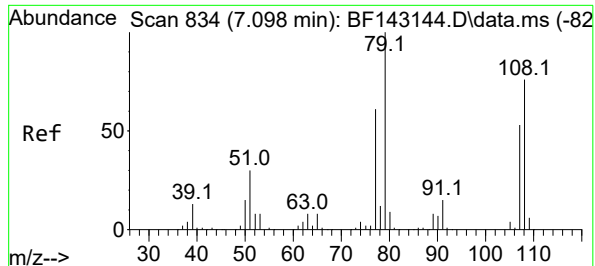
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 45.4 36.6 54.8





#15

Benzyl Alcohol

Concen: 52.616 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 461379

Ion Ratio Lower Upper

79 100

108 76.7 61.1 91.7

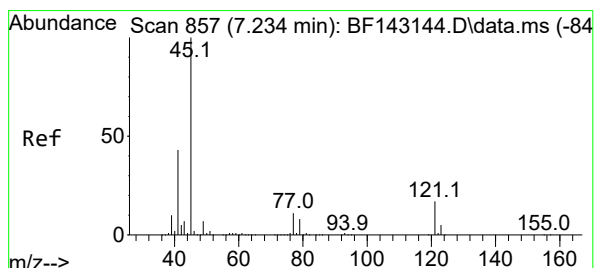
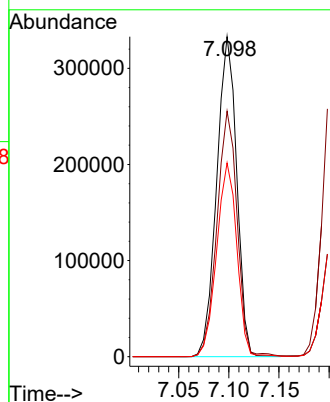
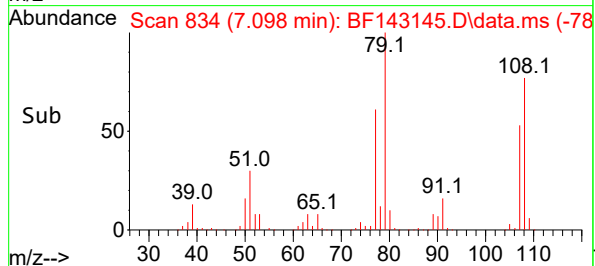
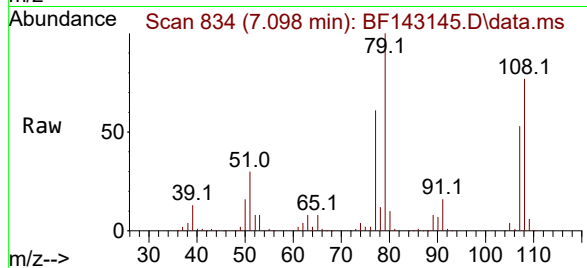
77 60.6 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.128 ng

RT: 7.239 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

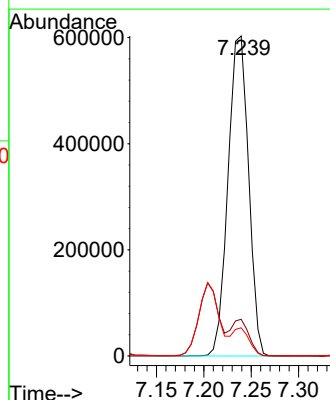
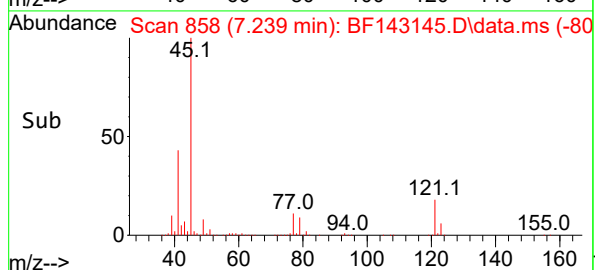
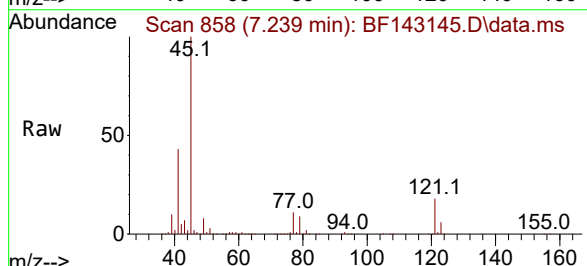
Tgt Ion: 45 Resp: 908530

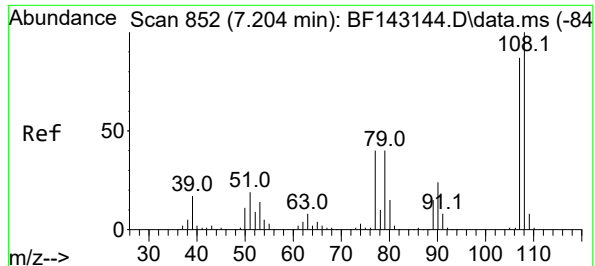
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.2

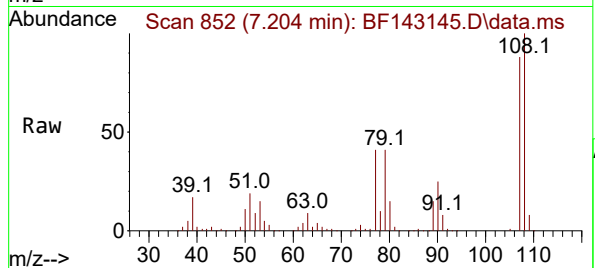
79 8.8 0.0 28.5





#17
2-Methylphenol
Concen: 52.079 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

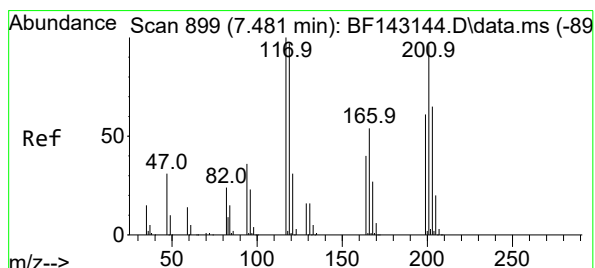
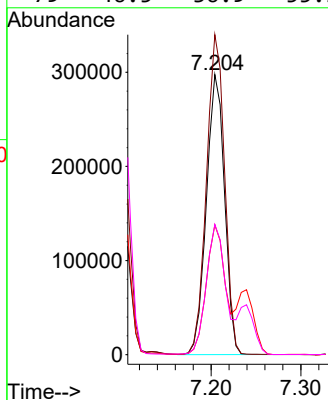
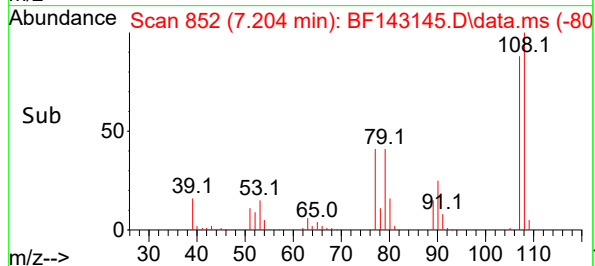
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 41879
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 46.3 37.0 55.6
79 46.5 36.9 55.3

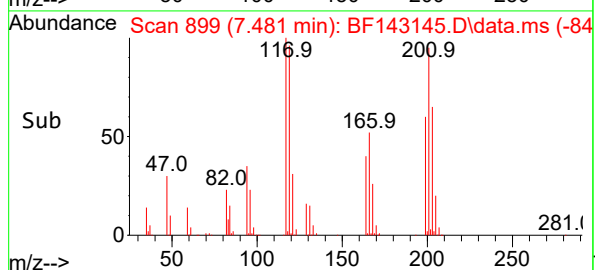
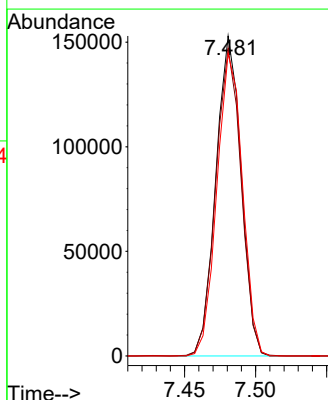
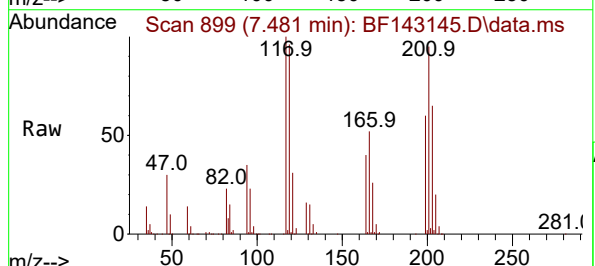
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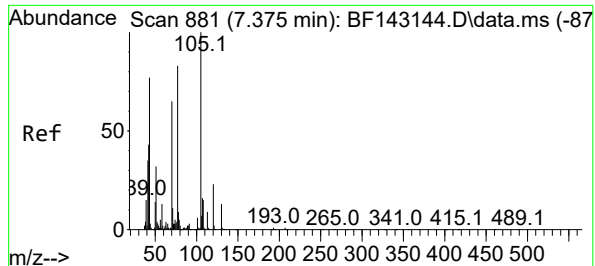
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 52.289 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:117 Resp: 189394
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8
201 94.5 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 50.131 ng

RT: 7.381 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 36936

Ion Ratio Lower Upper

70 100

42 64.4 52.5 78.7

101 9.7 7.6 11.4

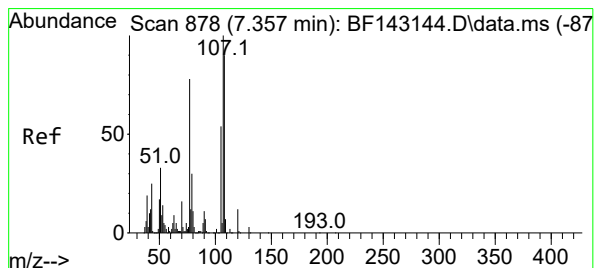
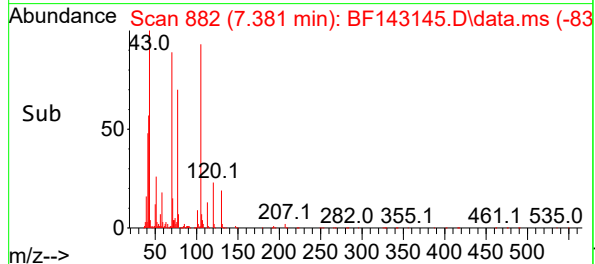
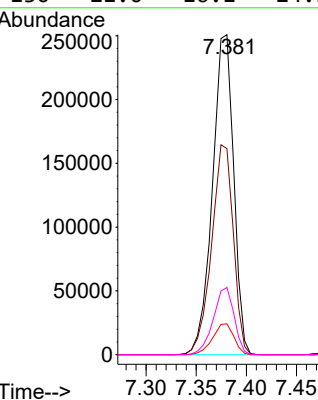
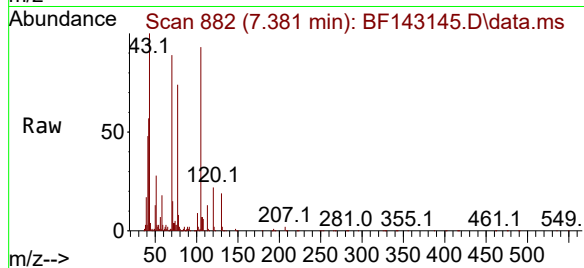
130 21.0 16.1 24.1

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 51.870 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Tgt Ion:107 Resp: 506069

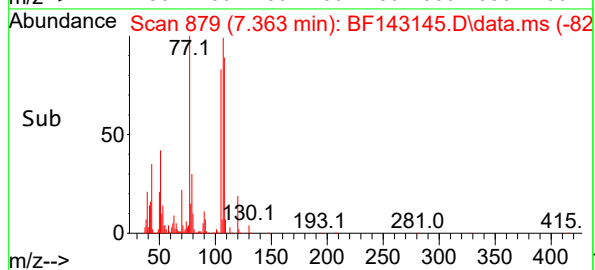
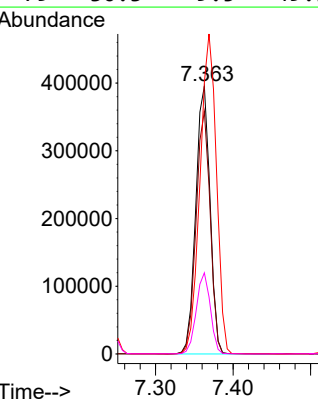
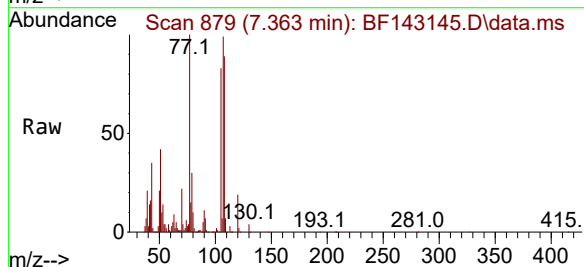
Ion Ratio Lower Upper

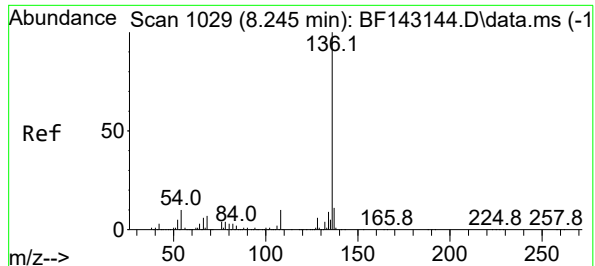
107 100

108 90.7 70.0 110.0

77 101.5 57.8 97.8#

79 30.3 9.5 49.5





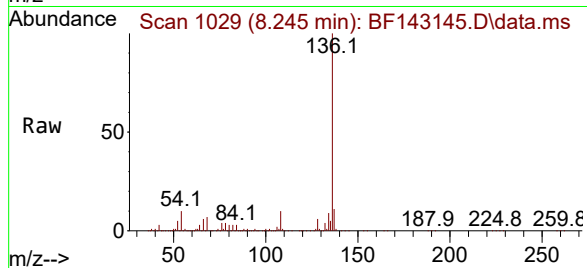
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

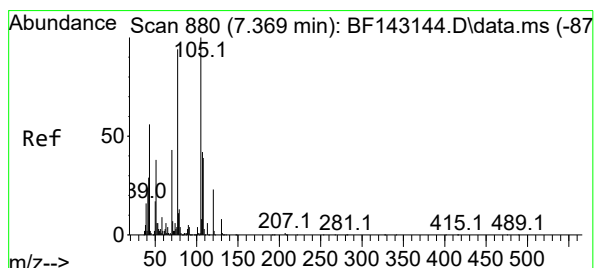
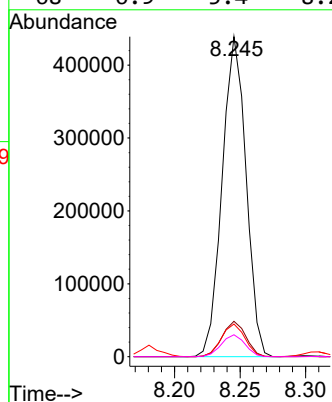
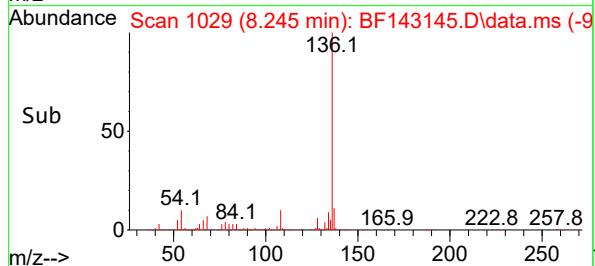


Tgt Ion:136 Resp: 555530
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.2 8.2 12.2
68 6.9 5.4 8.2

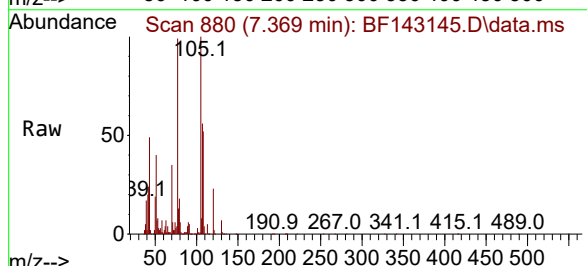
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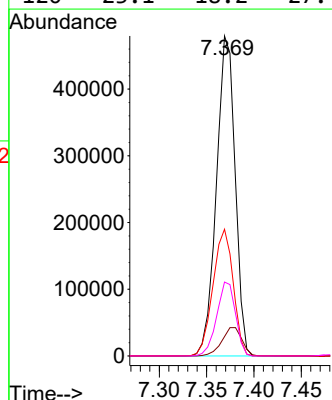
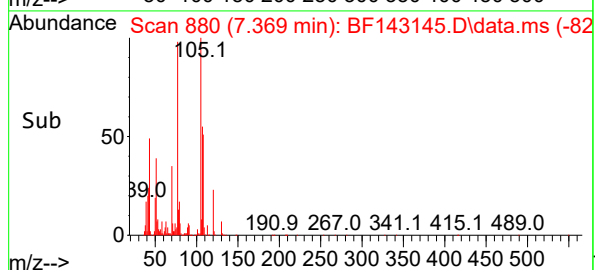
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

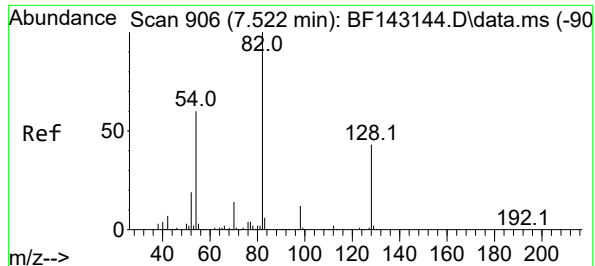


#22
Acetophenone
Concen: 50.258 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:105 Resp: 661017
Ion Ratio Lower Upper
105 100
71 6.0 5.8 8.6
51 39.6 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 103.949 ng

RT: 7.528 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1158494

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

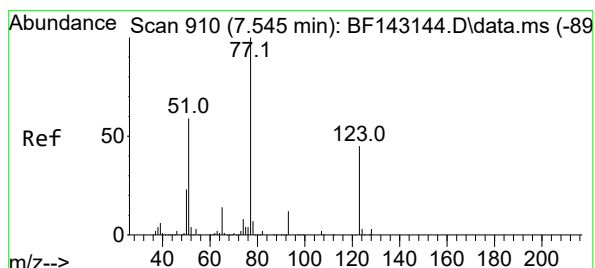
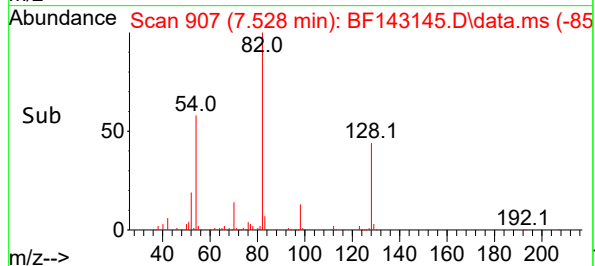
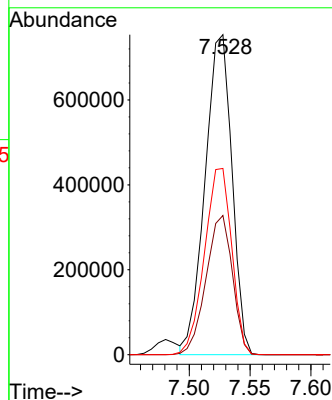
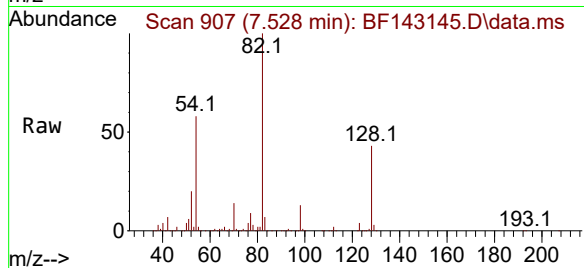
54 58.2 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 51.843 ng

RT: 7.545 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

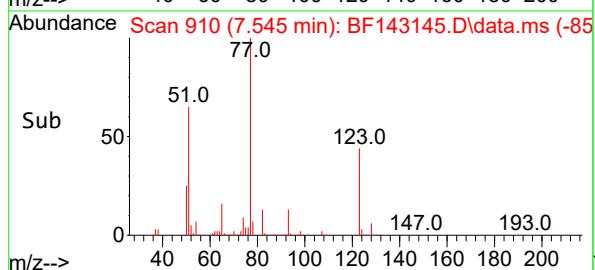
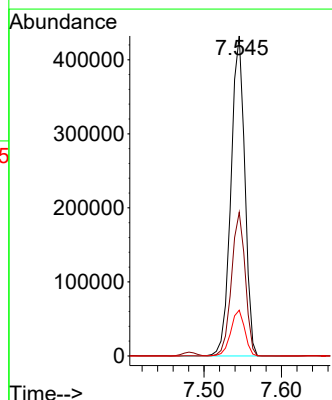
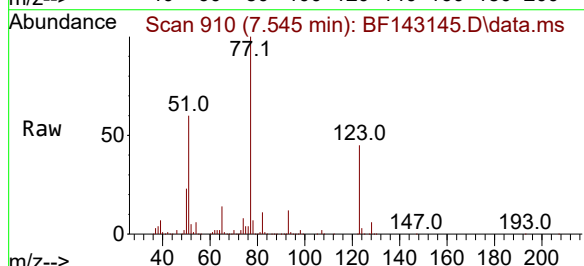
Tgt Ion: 77 Resp: 538666

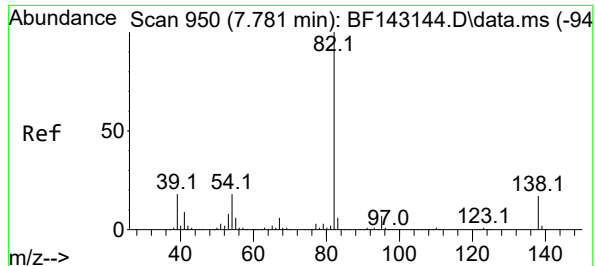
Ion Ratio Lower Upper

77 100

123 44.9 36.1 54.1

65 14.3 11.4 17.2





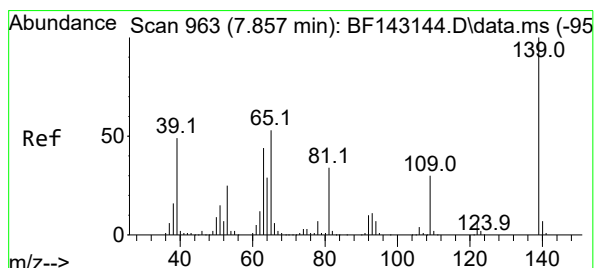
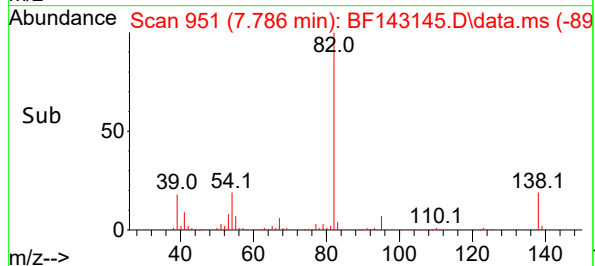
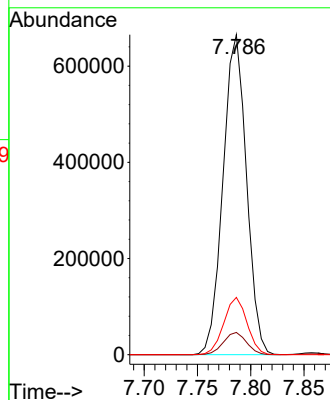
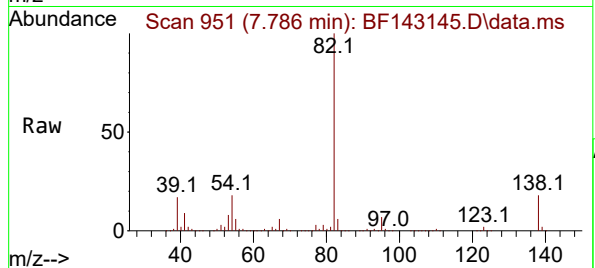
#25
Isophorone
Concen: 51.783 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :
BNA_F
Client Sample Id :
SSTDICC050

Tgt Ion: 82 Resp: 101878
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.9 13.8 20.8

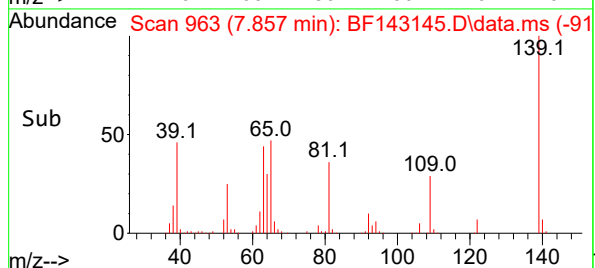
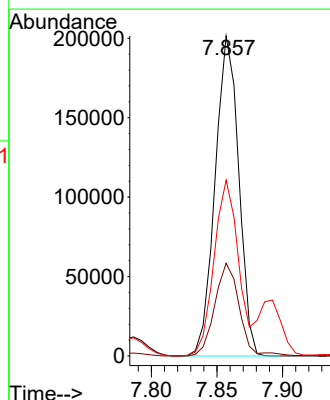
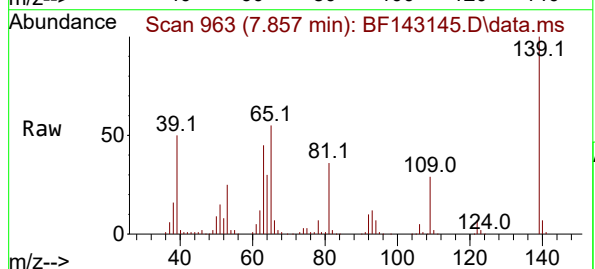
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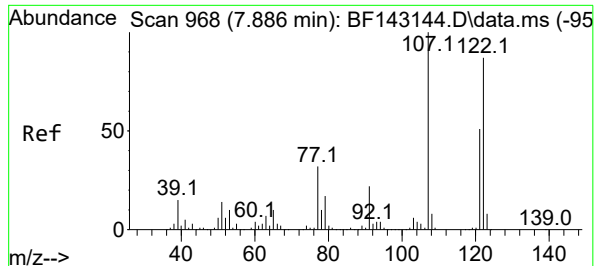
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 55.920 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:139 Resp: 252169
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 55.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 51.112 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 469819

Ion Ratio Lower Upper

122 100

107 114.3 91.8 137.6

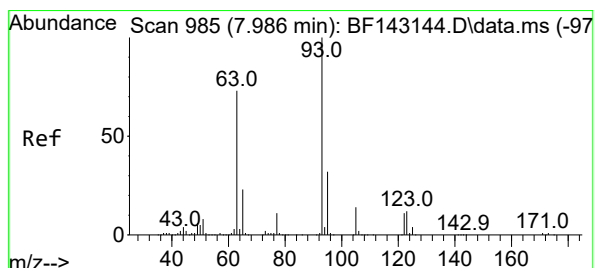
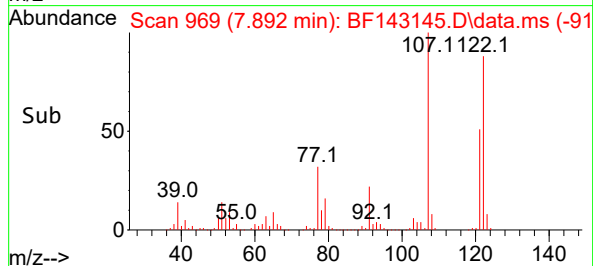
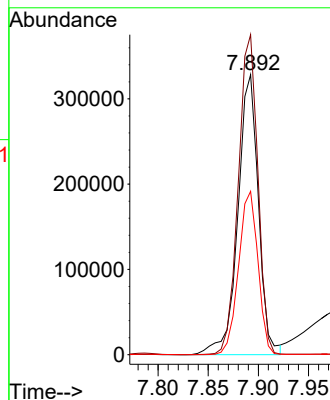
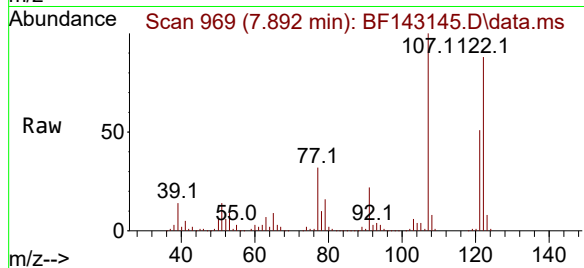
121 58.4 46.3 69.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 50.631 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

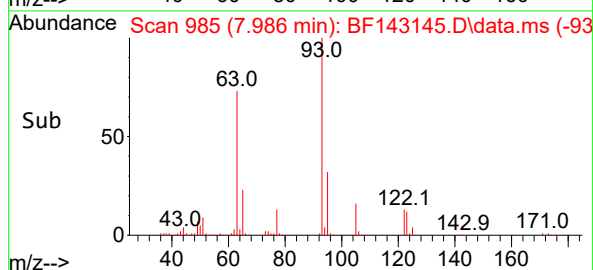
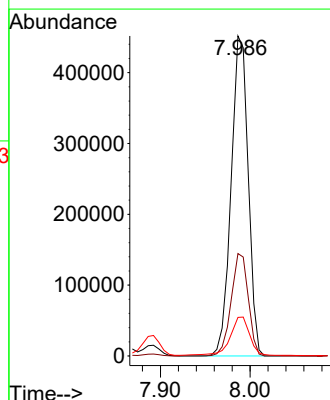
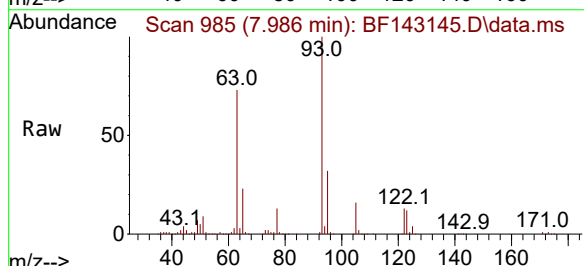
Tgt Ion: 93 Resp: 597241

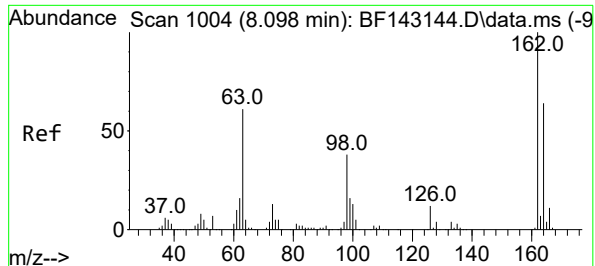
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.773 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143145.D

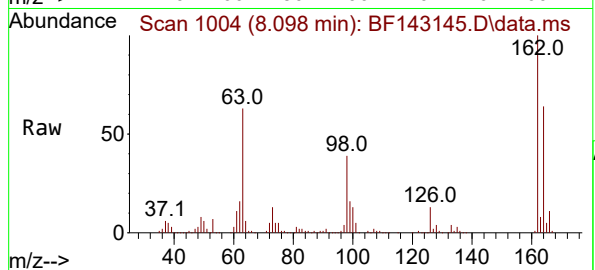
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 401330

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

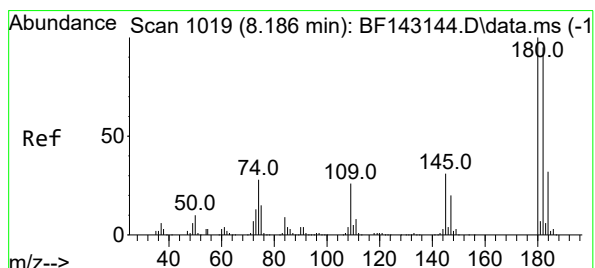
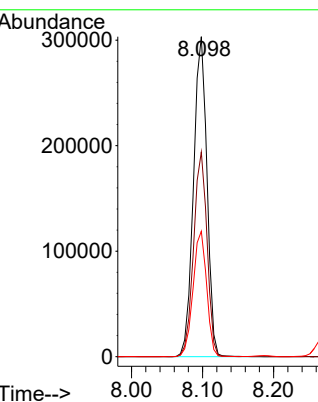
98 39.2 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

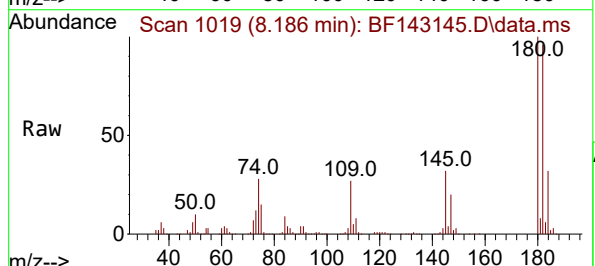
Concen: 50.242 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33



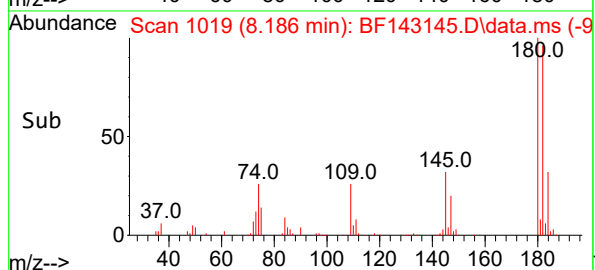
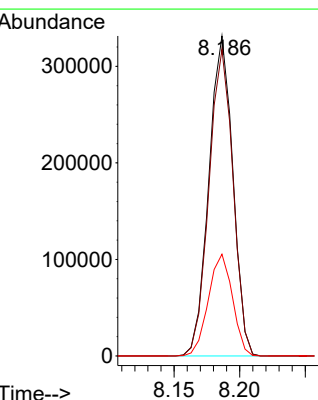
Tgt Ion:180 Resp: 420763

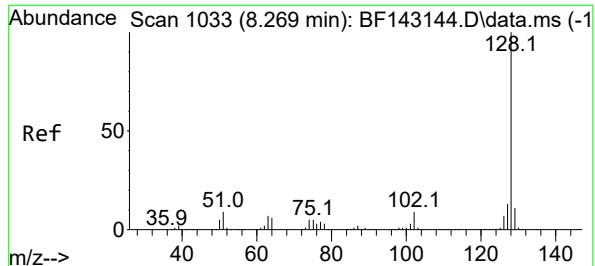
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

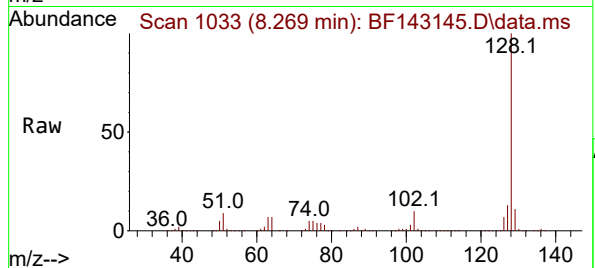
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 50.060 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

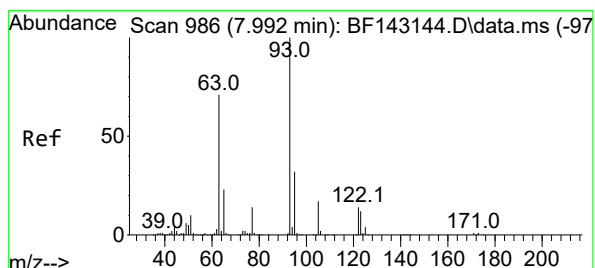
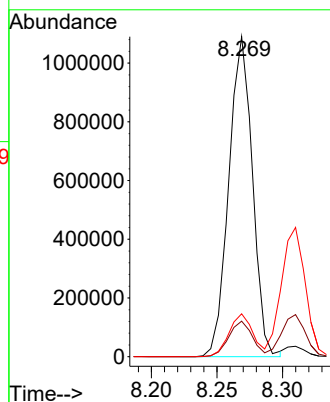
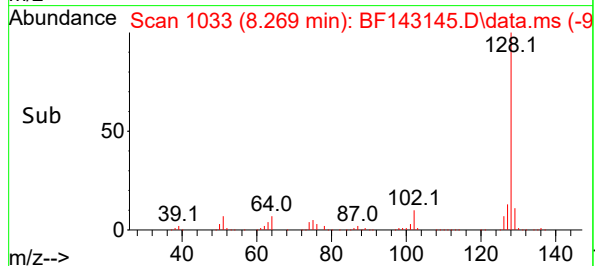
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 136962
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 16.0

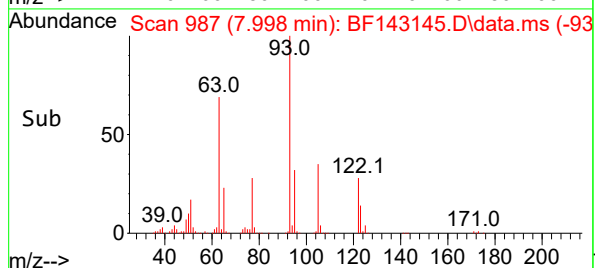
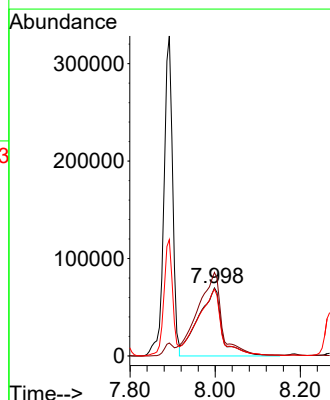
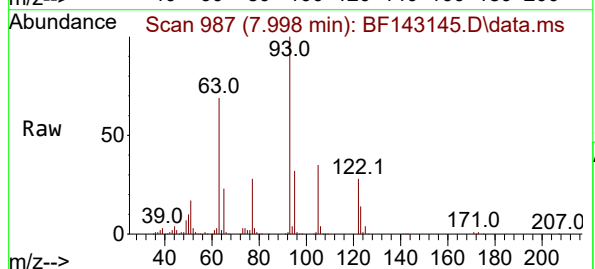
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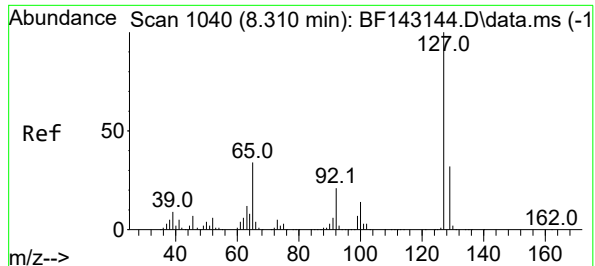
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 52.352 ng m
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:122 Resp: 273361
Ion Ratio Lower Upper
122 100
105 123.0 104.8 144.8
77 98.4 77.6 117.6





#33

4-Chloroaniline

Concen: 50.703 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 56642

Ion Ratio Lower Upper

127 100

129 32.6 26.0 39.0

65 34.9 27.4 41.2

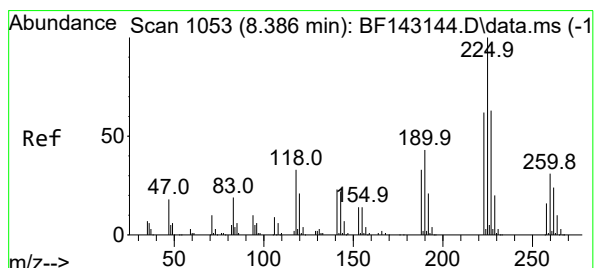
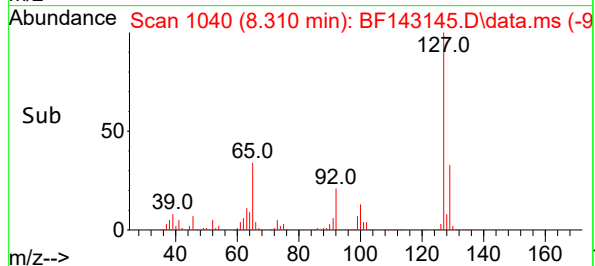
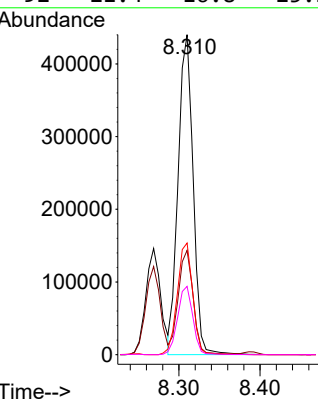
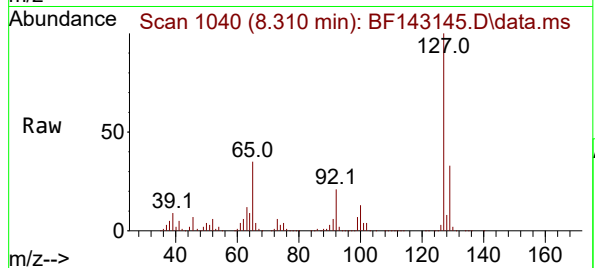
92 21.4 16.8 25.2

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Supervised By :Jagrut Upadhyay 07/18/2025



#34

Hexachlorobutadiene

Concen: 50.976 ng

RT: 8.392 min Scan# 1054

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

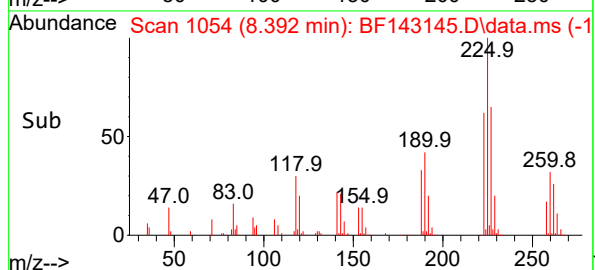
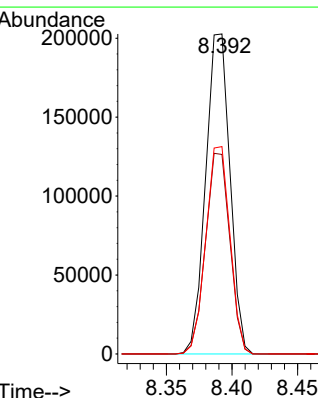
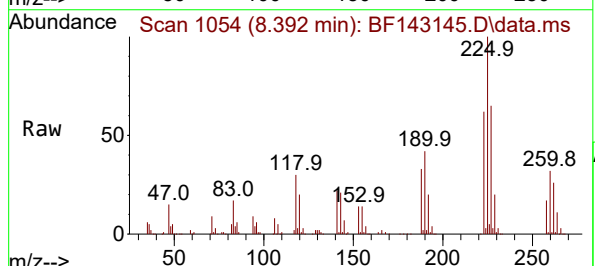
Tgt Ion:225 Resp: 260787

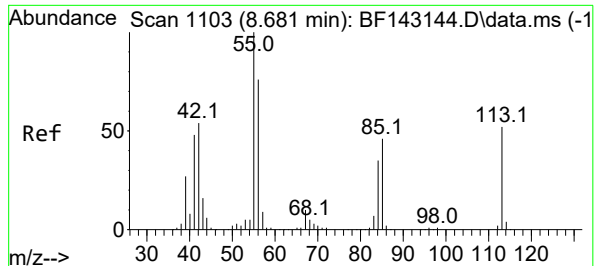
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.6

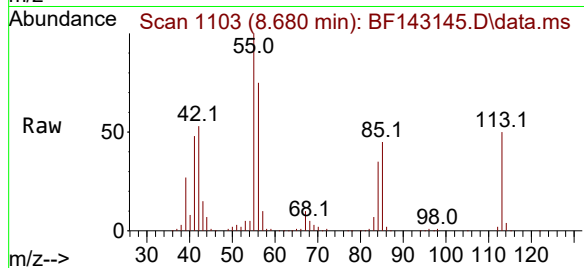
227 64.8 50.2 75.4





#35
Caprolactam
Concen: 53.811 ng
RT: 8.680 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

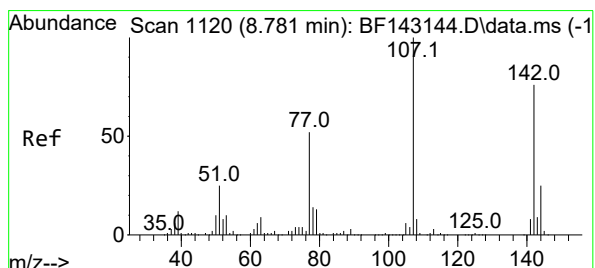
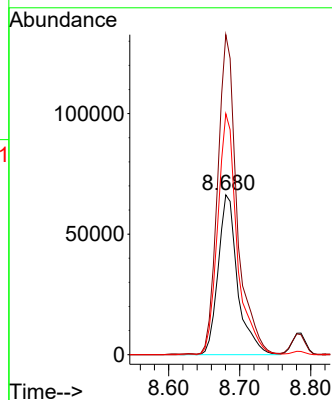
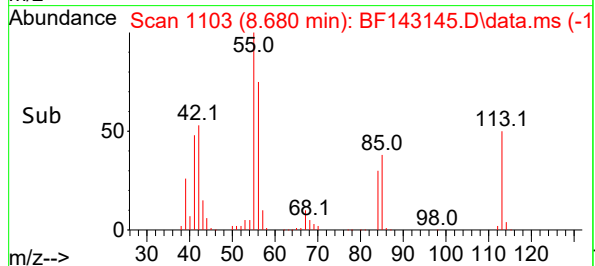
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 126050
Ion Ratio Lower Upper
113 100
55 200.3 174.0 214.0
56 150.8 126.6 166.6

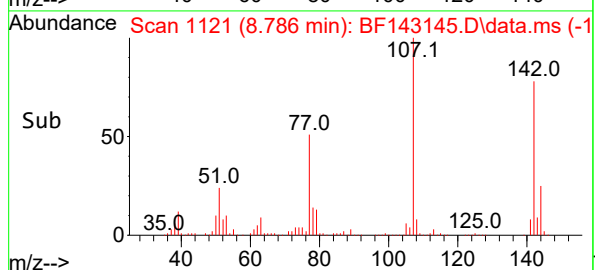
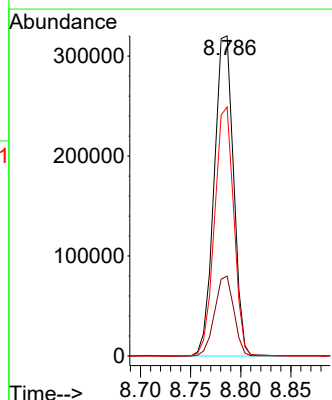
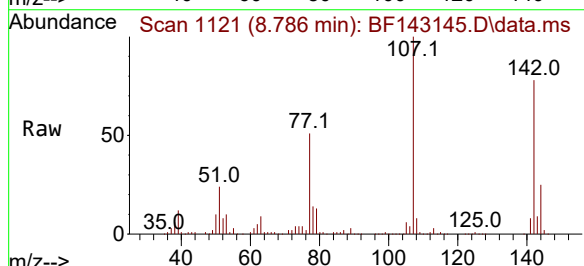
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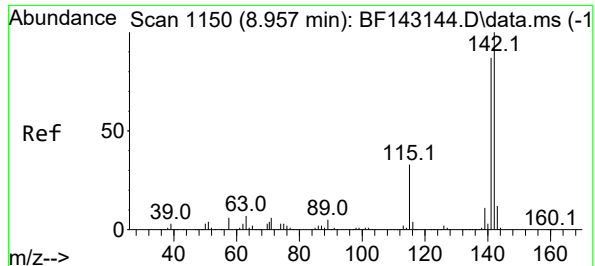
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 51.242 ng
RT: 8.786 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

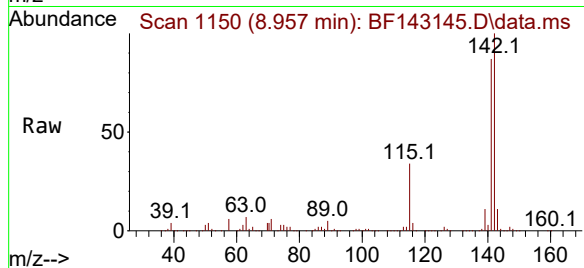
Tgt Ion:107 Resp: 431745
Ion Ratio Lower Upper
107 100
144 25.0 19.8 29.6
142 77.8 60.6 90.8





#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

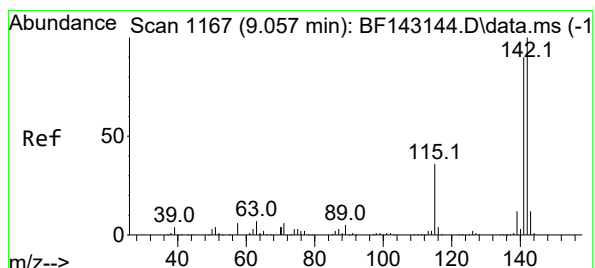
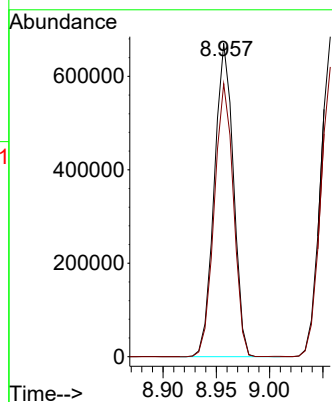
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 837820
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

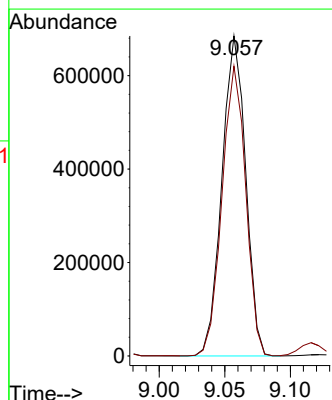
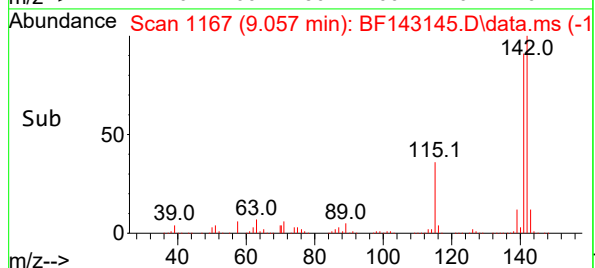
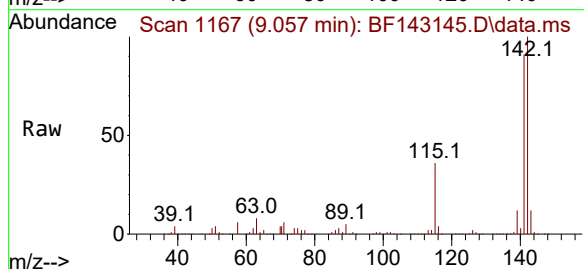
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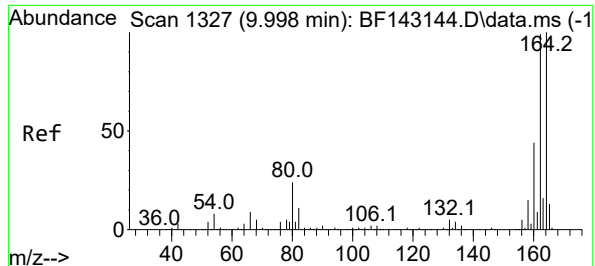
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 50.298 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:142 Resp: 862300
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

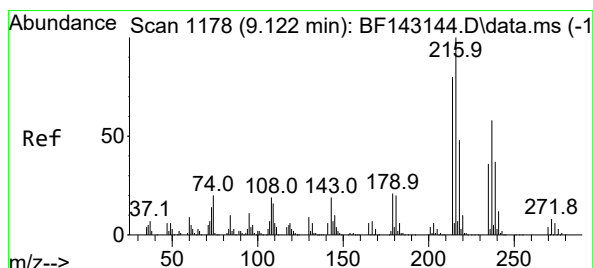
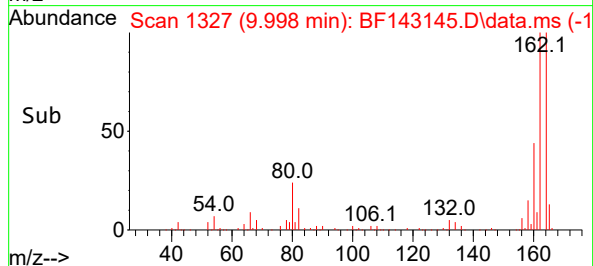
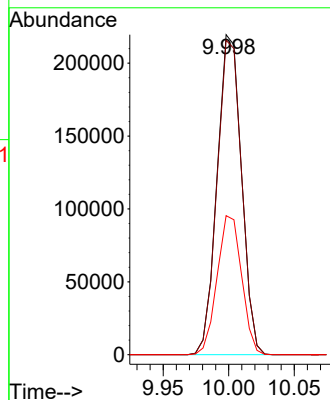
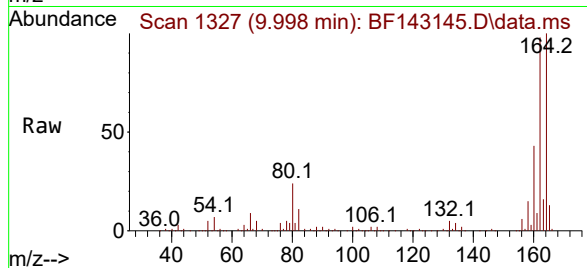
Tgt Ion:164 Resp: 28365
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 43.5 35.1 52.7

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Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.420 ng

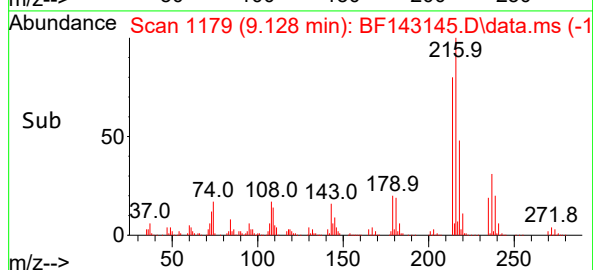
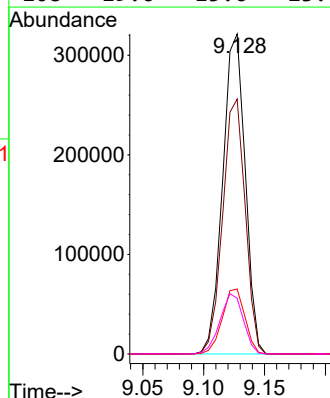
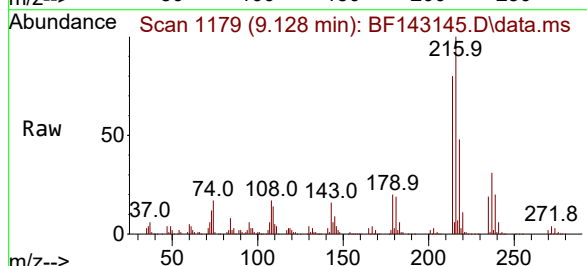
RT: 9.128 min Scan# 1179

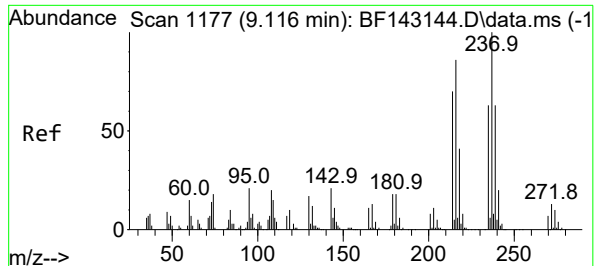
Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Tgt Ion:216 Resp: 412916
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.8
179 20.5 16.4 24.6
108 19.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 53.823 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:237 Resp: 28680

Ion Ratio Lower Upper

237 100

235 63.9 43.0 83.0

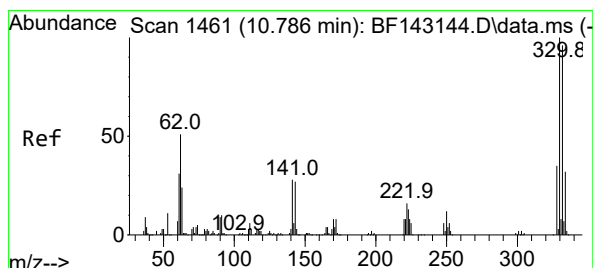
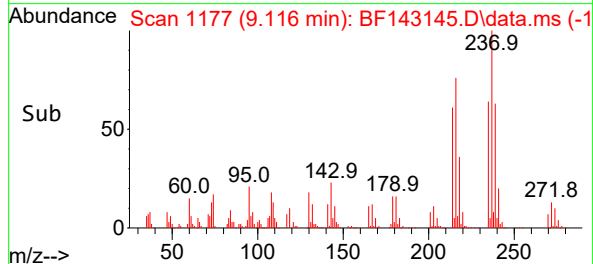
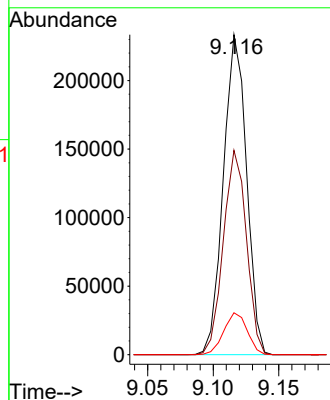
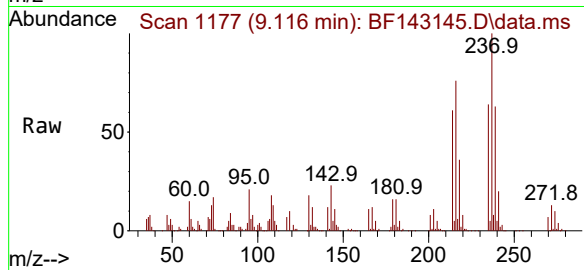
272 13.1 0.0 33.3

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#42

2,4,6-Tribromophenol

Concen: 105.607 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

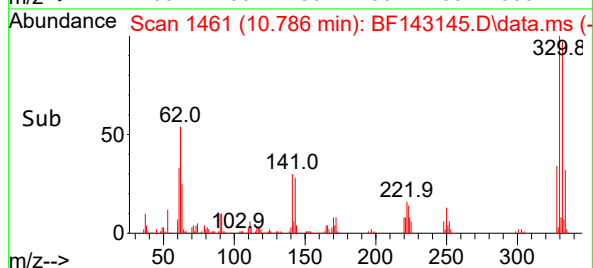
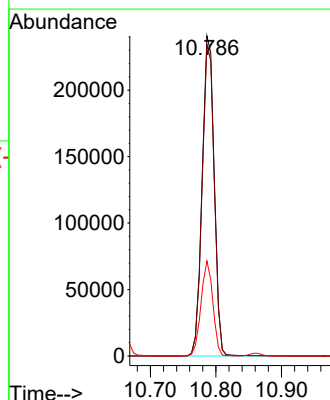
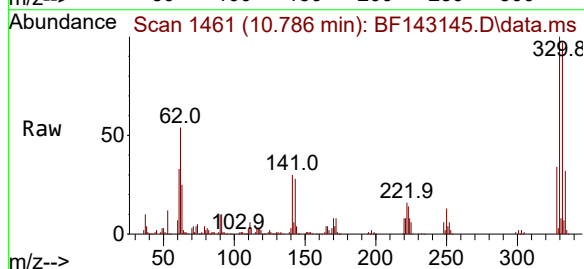
Tgt Ion:330 Resp: 309465

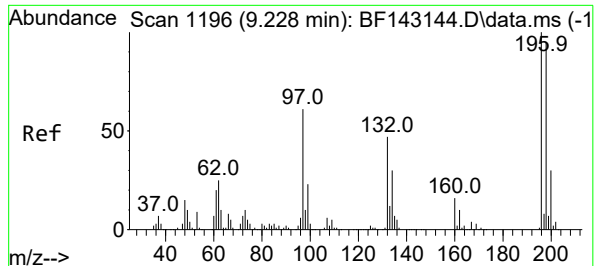
Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 29.0 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 53.718 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143145.D

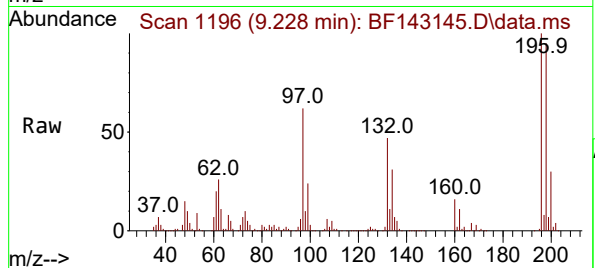
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 304460

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

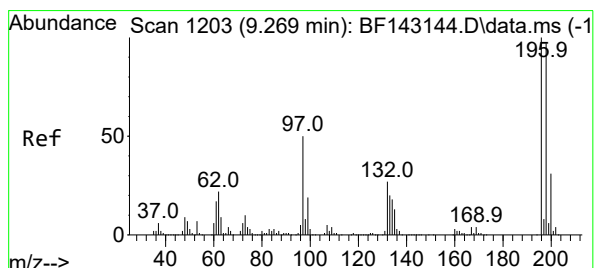
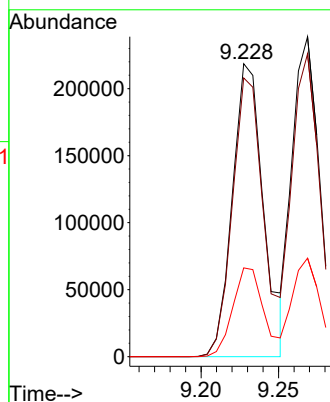
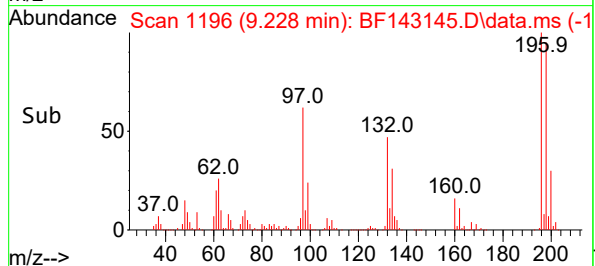
200 30.3 23.9 35.9

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#44

2,4,5-Trichlorophenol

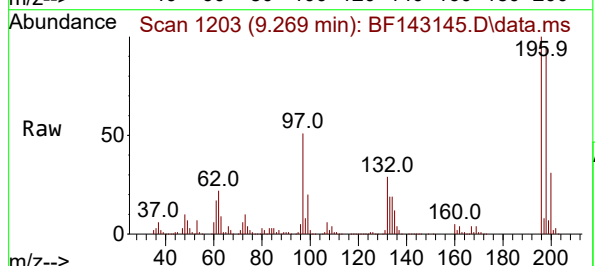
Concen: 51.434 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33



Tgt Ion:196 Resp: 291607

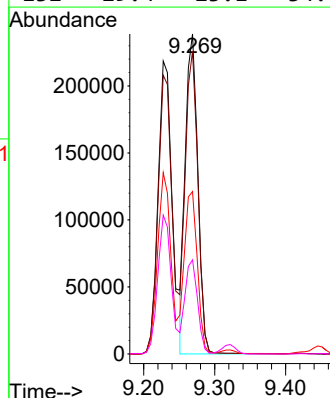
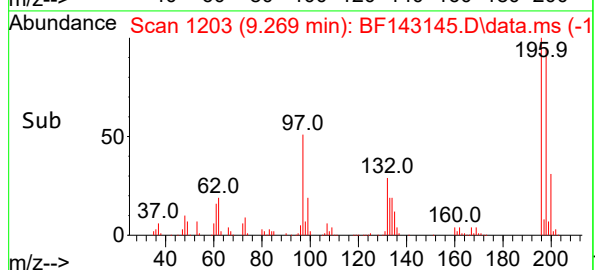
Ion Ratio Lower Upper

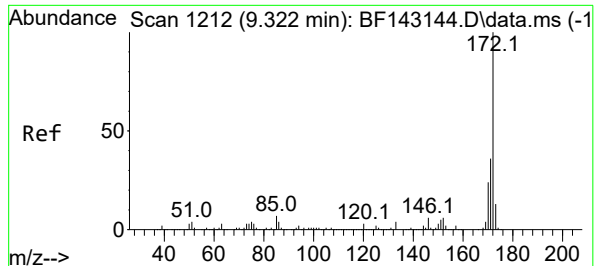
196 100

198 94.7 77.3 115.9

97 50.8 40.3 60.5

132 29.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 96.712 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 2005894

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

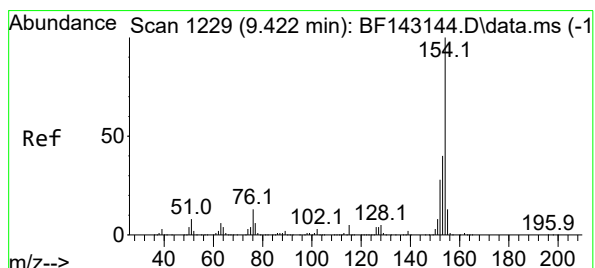
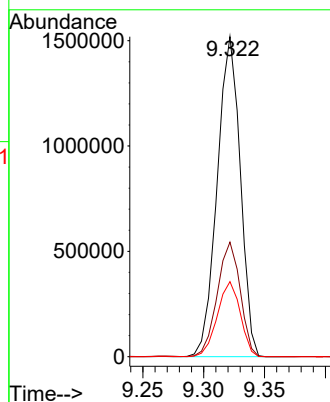
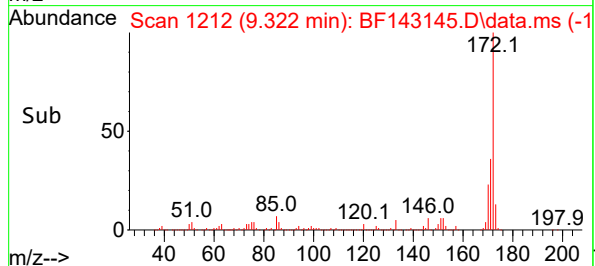
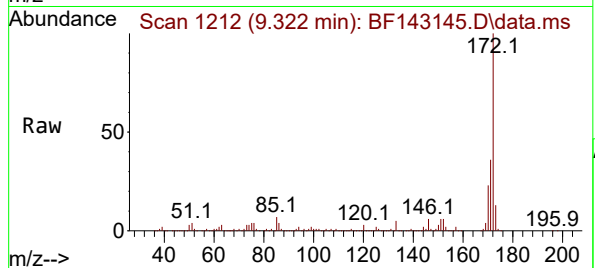
170 23.5 18.8 28.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 49.764 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

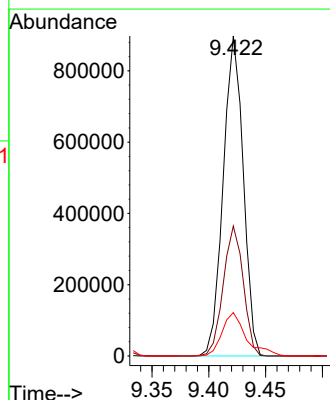
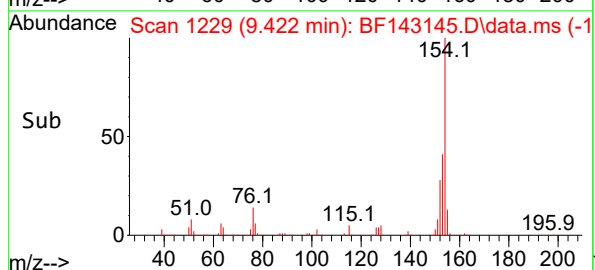
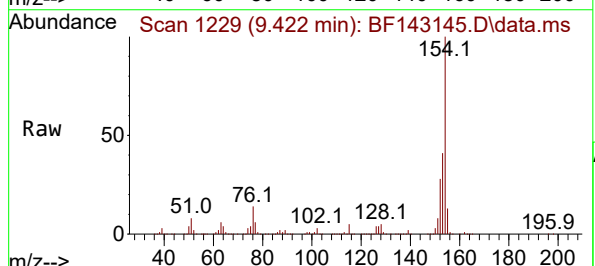
Tgt Ion:154 Resp: 1101317

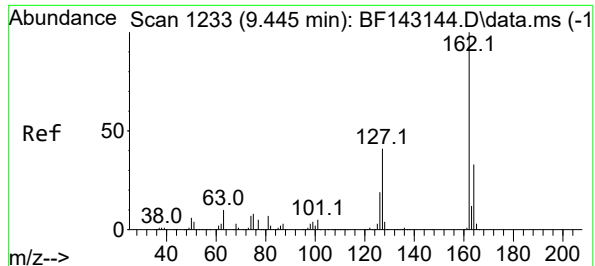
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

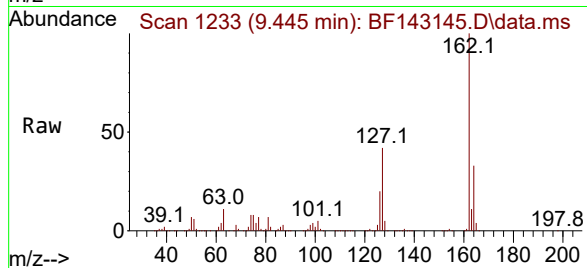
76 13.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 50.488 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

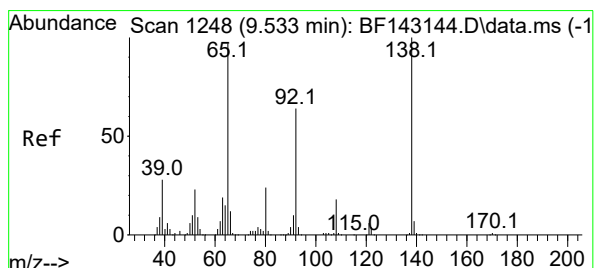
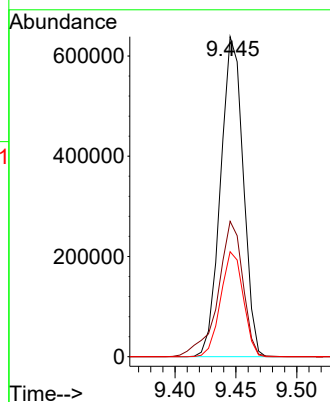
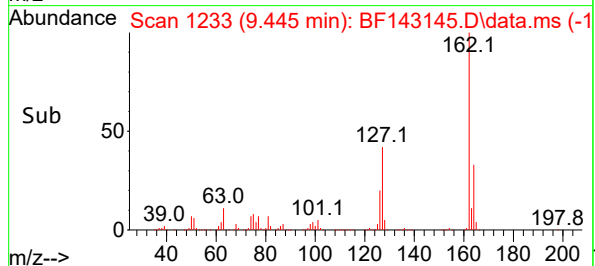
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 826749
Ion Ratio Lower Upper
162 100
127 42.3 33.4 50.2
164 32.8 26.2 39.2

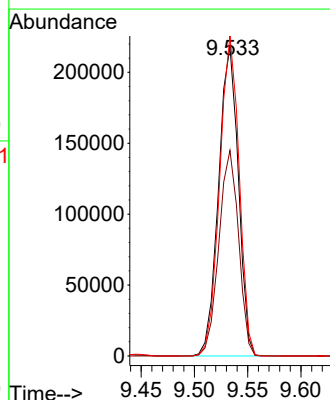
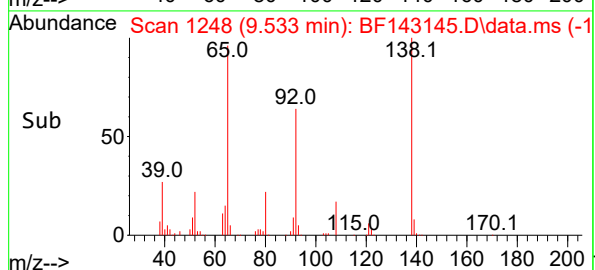
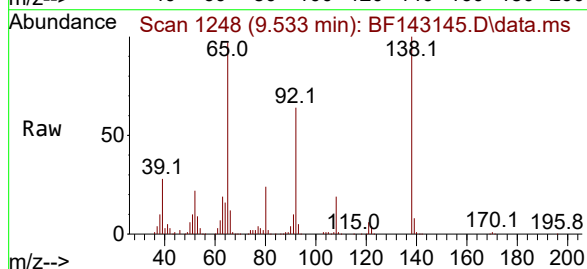
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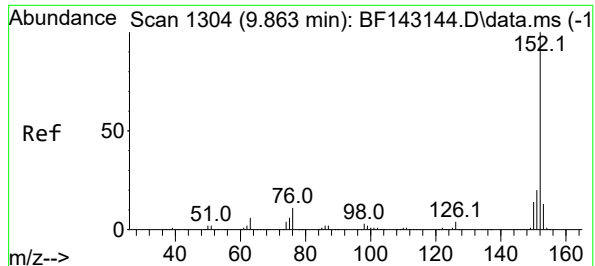
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#48
2-Nitroaniline
Concen: 54.736 ng
RT: 9.533 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion: 65 Resp: 281082
Ion Ratio Lower Upper
65 100
92 66.5 52.4 78.6
138 103.5 82.3 123.5





#49

Acenaphthylene

Concen: 50.605 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 138872

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

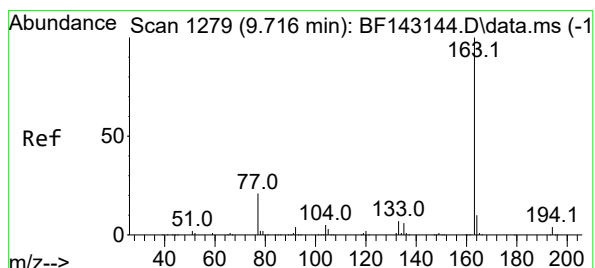
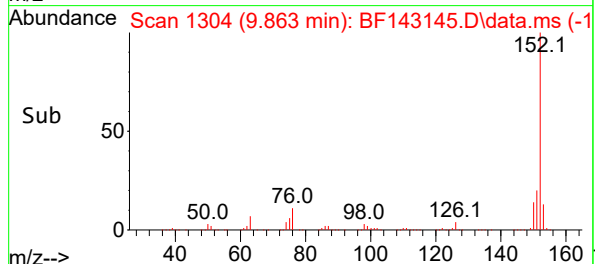
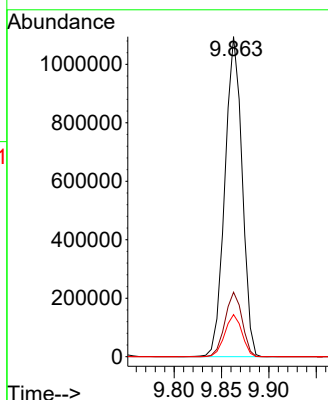
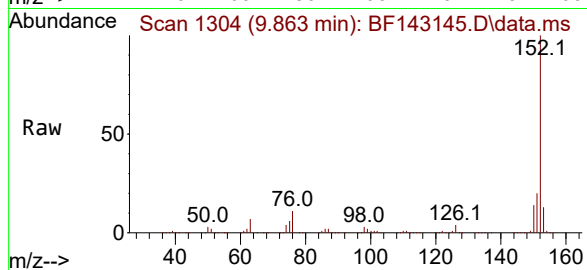
153 13.1 10.6 16.0

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 50.832 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

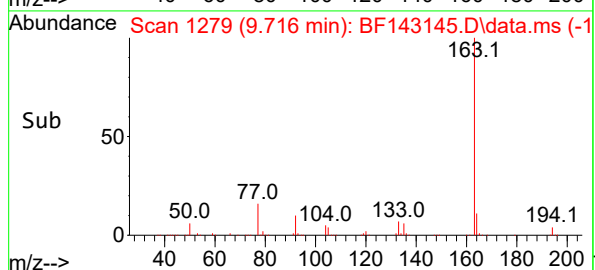
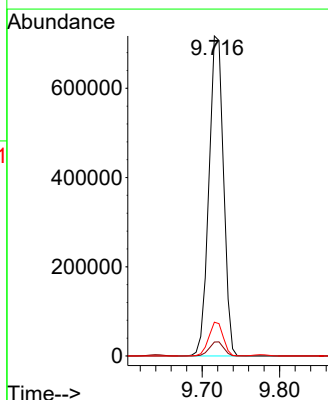
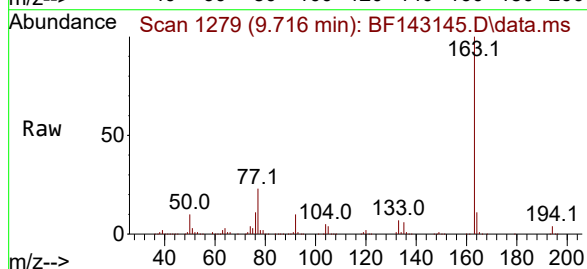
Tgt Ion:163 Resp: 939863

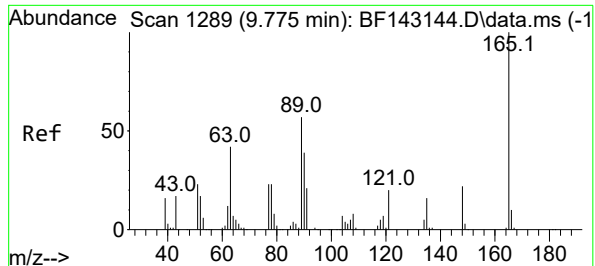
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

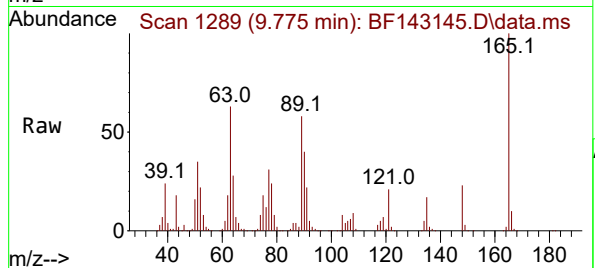
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 54.541 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

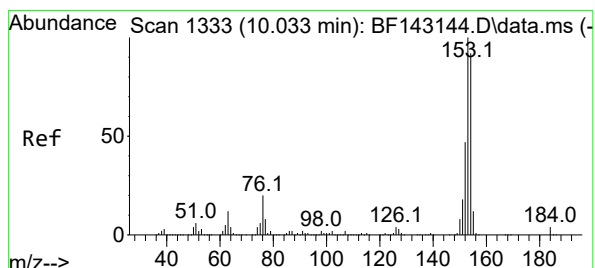
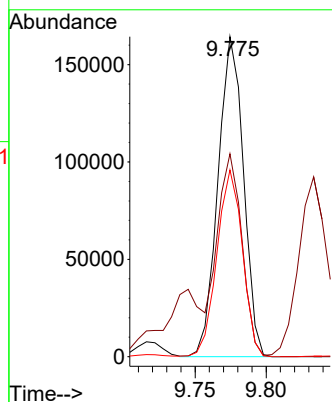
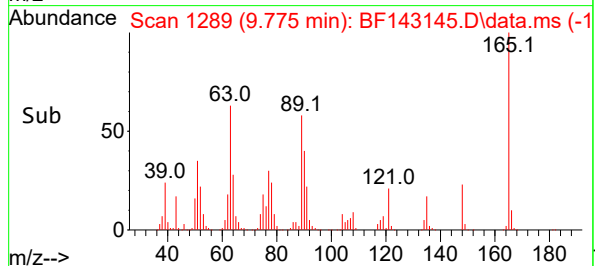
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 20514
Ion Ratio Lower Upper
165 100
63 63.4 49.4 74.2
89 58.4 46.2 69.2

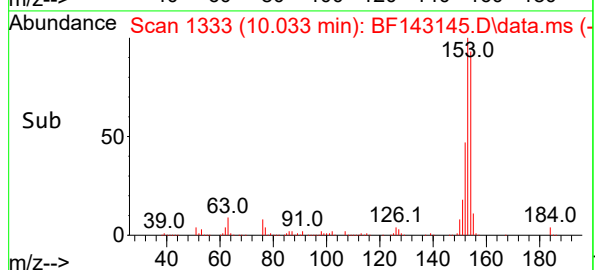
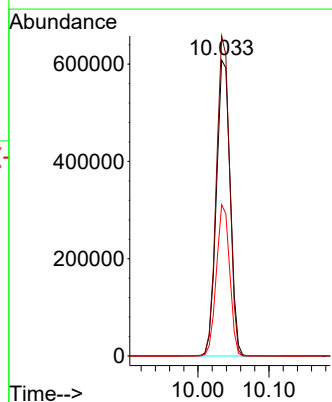
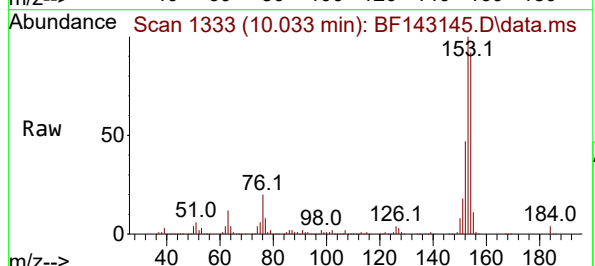
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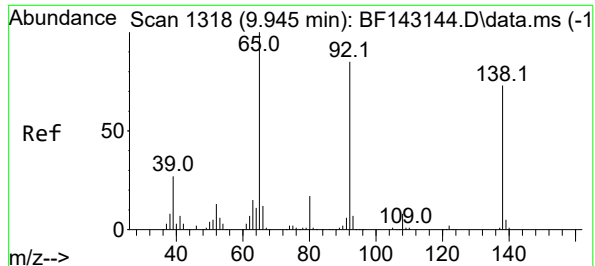
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 50.481 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

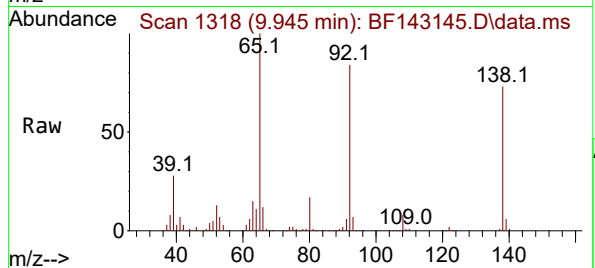
Tgt Ion:154 Resp: 818783
Ion Ratio Lower Upper
154 100
153 108.2 86.6 129.8
152 51.1 40.4 60.6





#53
3-Nitroaniline
Concen: 53.861 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

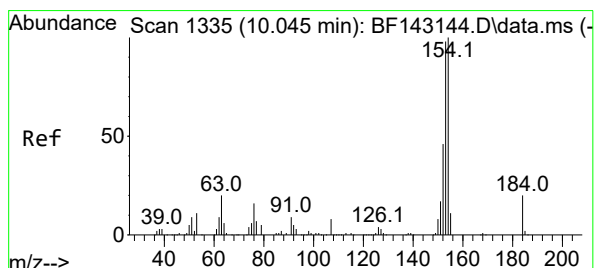
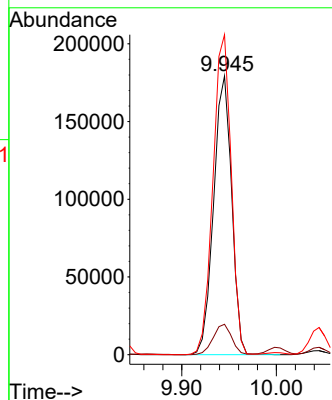
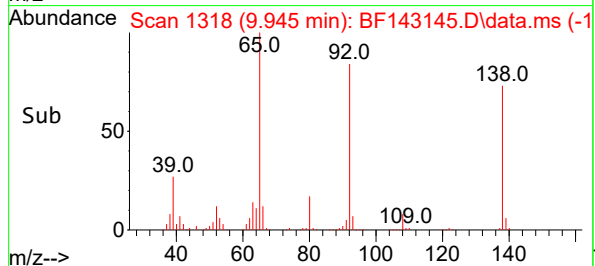
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 236959
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 114.8 93.0 139.4

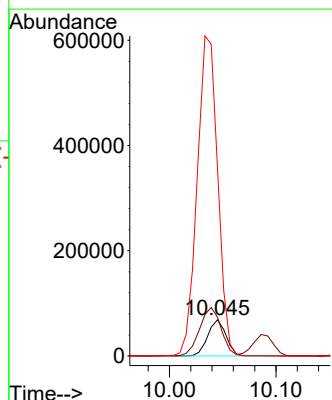
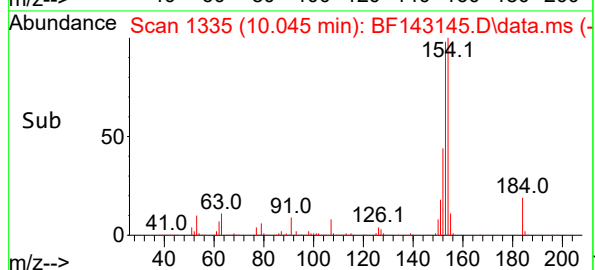
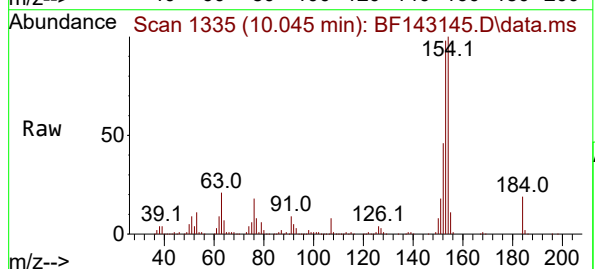
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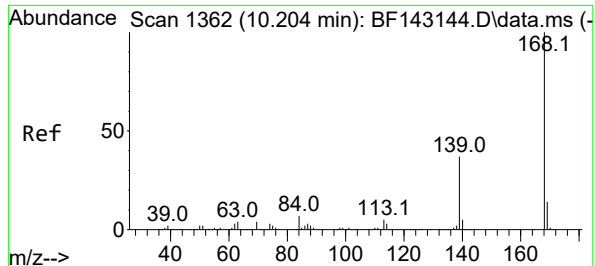
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 50.750 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

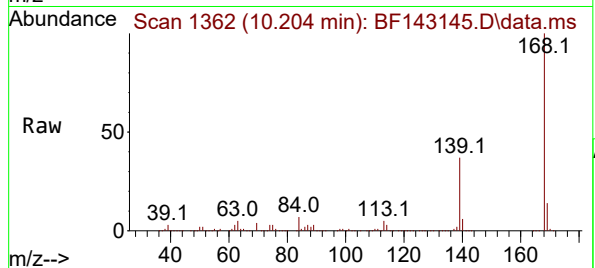
Tgt Ion:184 Resp: 81983
Ion Ratio Lower Upper
184 100
63 106.9 81.8 122.6
154 519.2 412.2 618.4





#55
Dibenzenofuran
Concen: 50.001 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

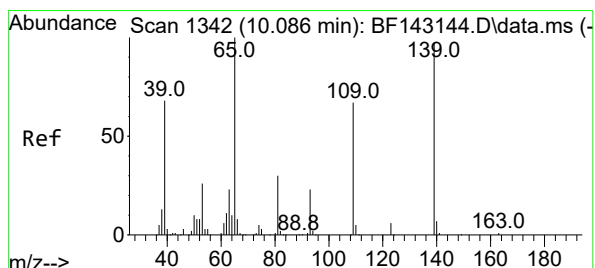
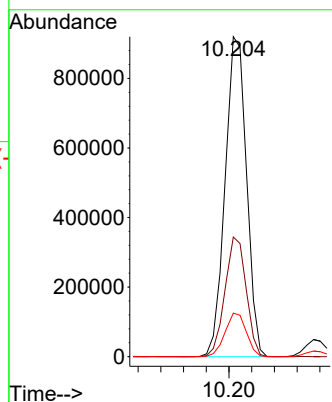
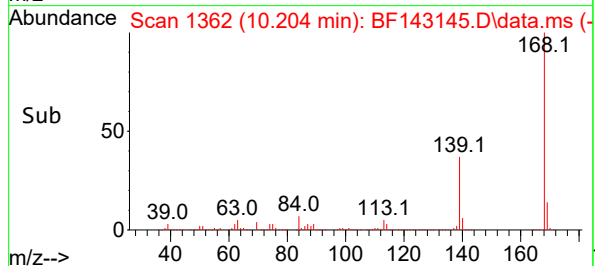
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1204088
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3
169 13.6 10.9 16.3

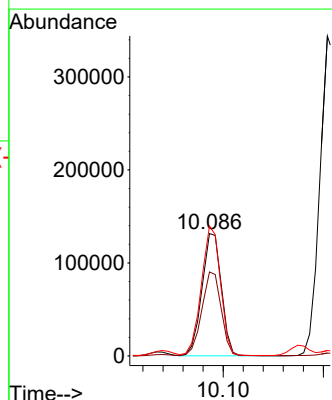
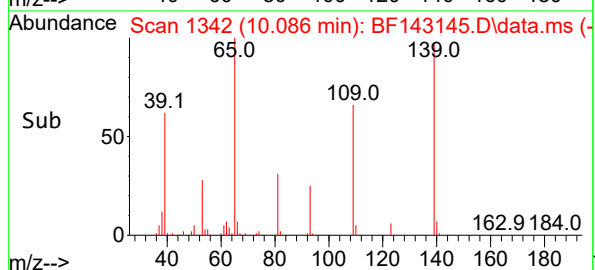
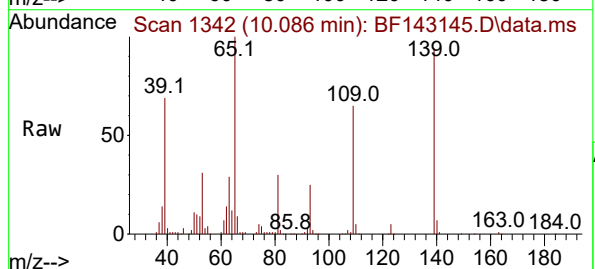
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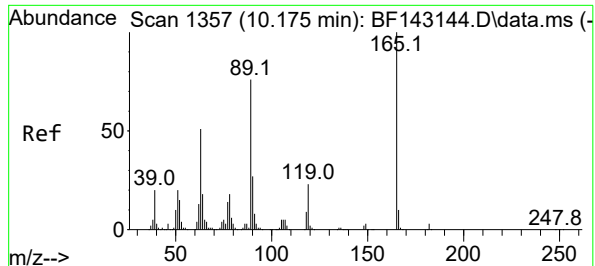
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#56
4-Nitrophenol
Concen: 54.001 ng
RT: 10.086 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

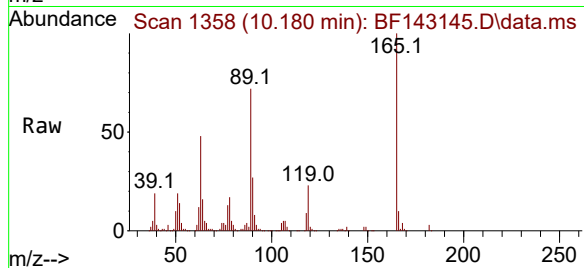
Tgt Ion:139 Resp: 177408
Ion Ratio Lower Upper
139 100
109 68.7 48.5 88.5
65 106.2 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 55.954 ng
RT: 10.180 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

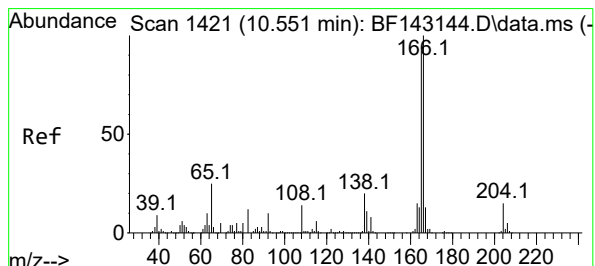
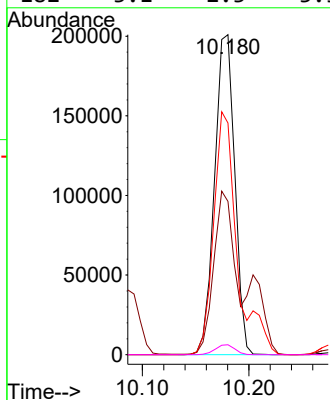
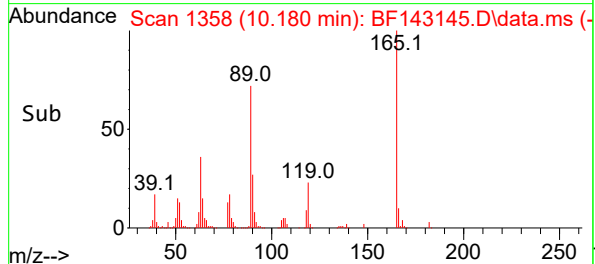
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



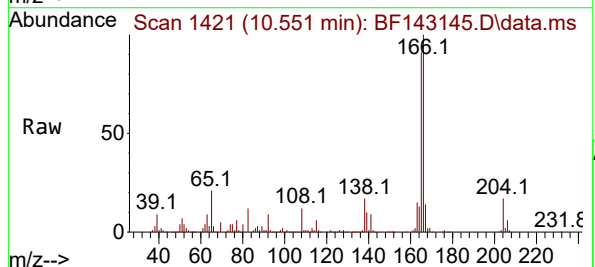
Tgt Ion:165 Resp: 264045
Ion Ratio Lower Upper
165 100
63 47.9 41.0 61.4
89 72.4 61.1 91.7
182 3.1 2.3 3.5

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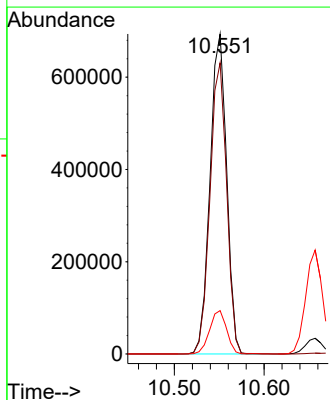
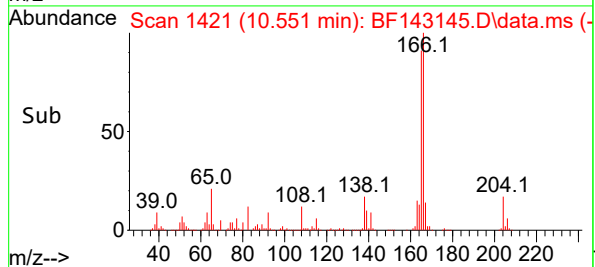
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

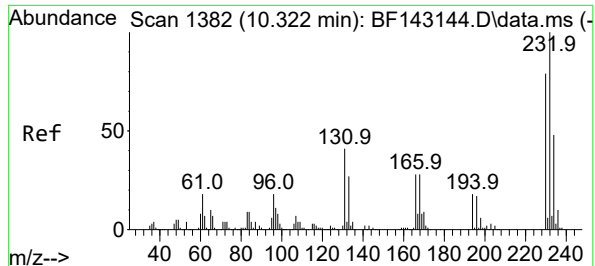


#58
Fluorene
Concen: 49.335 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



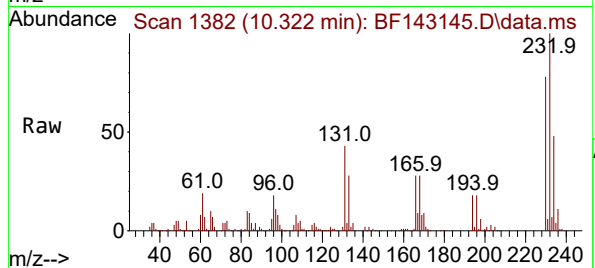
Tgt Ion:166 Resp: 891646
Ion Ratio Lower Upper
166 100
165 91.0 73.7 110.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.965 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

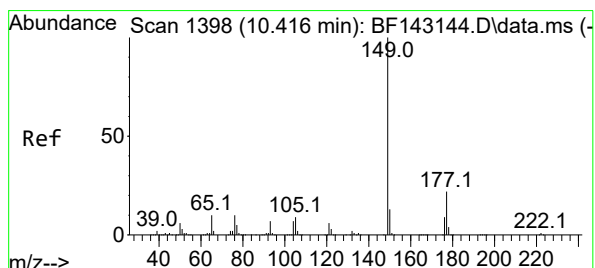
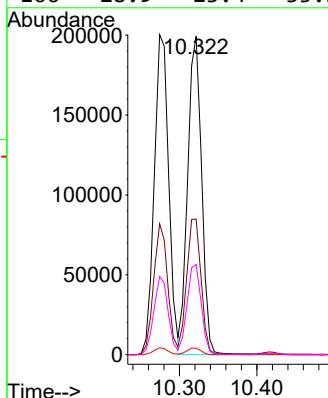
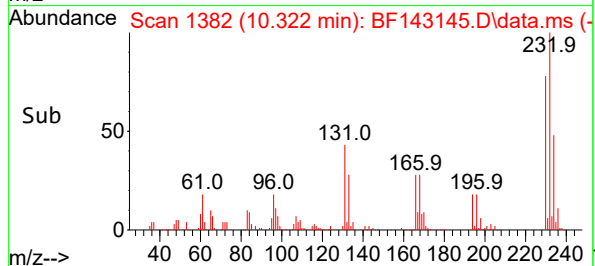
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:232 Resp: 248745
Ion Ratio Lower Upper
232 100
131 44.3 35.3 52.9
130 2.1 1.7 2.5
166 28.9 23.4 35.2

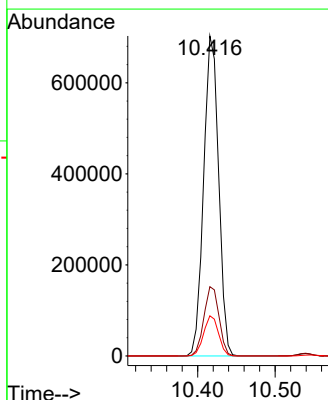
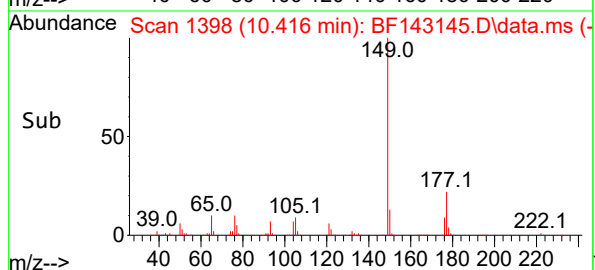
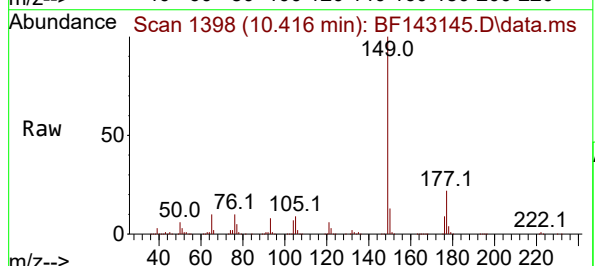
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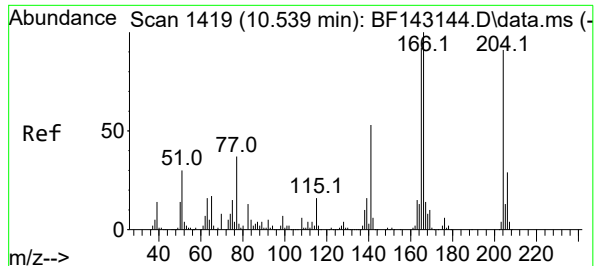
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 51.580 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

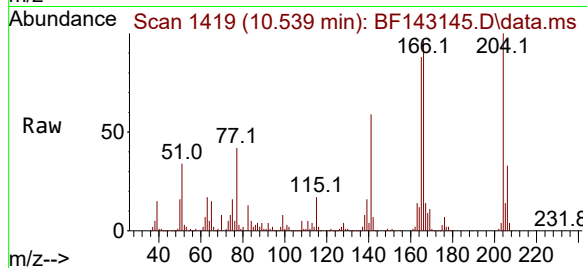
Tgt Ion:149 Resp: 942625
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.911 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

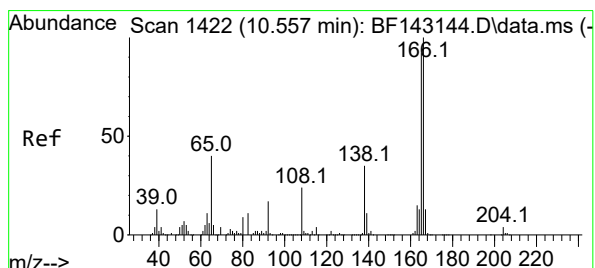
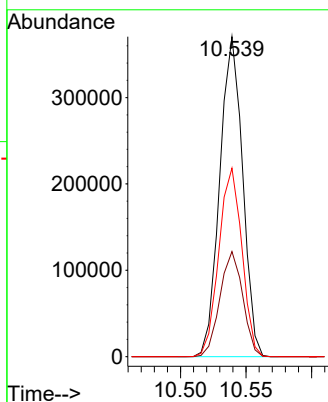
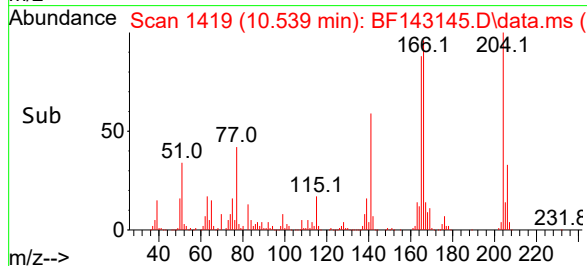
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



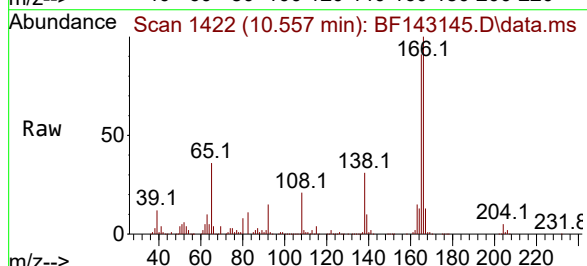
Tgt Ion:204 Resp: 449168
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 58.9 47.0 70.4

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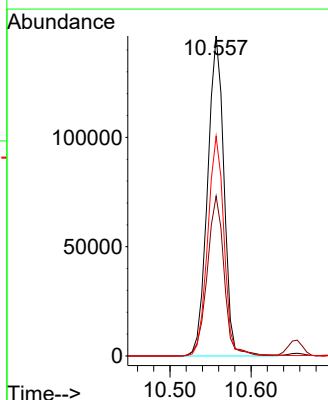
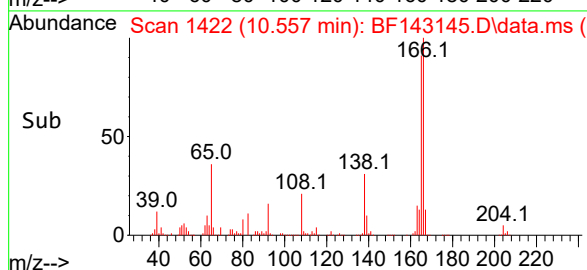
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

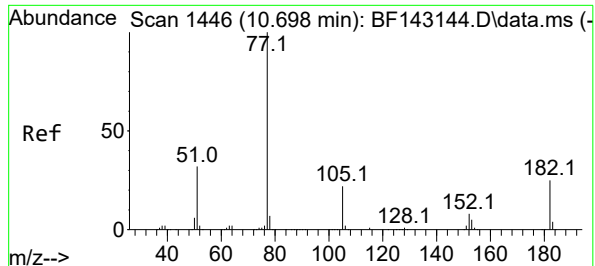


#62
4-Nitroaniline
Concen: 54.424 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



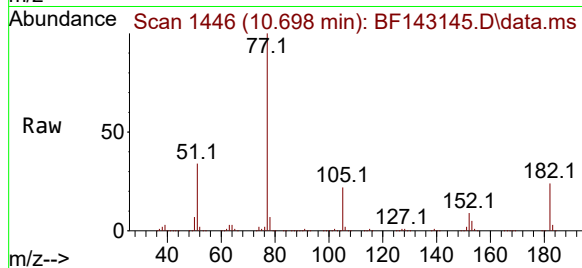
Tgt Ion:138 Resp: 205210
Ion Ratio Lower Upper
138 100
92 50.0 29.3 69.3
108 68.7 48.3 88.3





#63
Azobenzene
Concen: 50.766 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

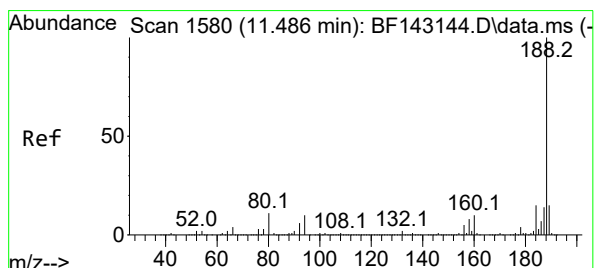
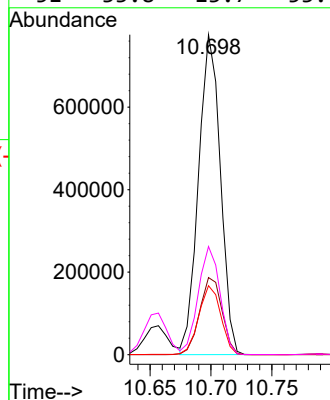
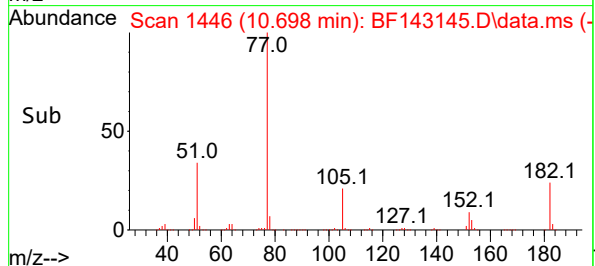
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



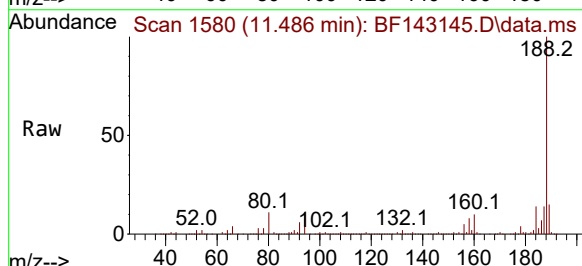
Tgt Ion: 77 Resp: 96693
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 21.6 1.4 41.4
51 33.8 13.7 53.7

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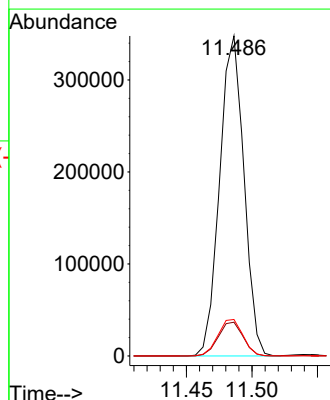
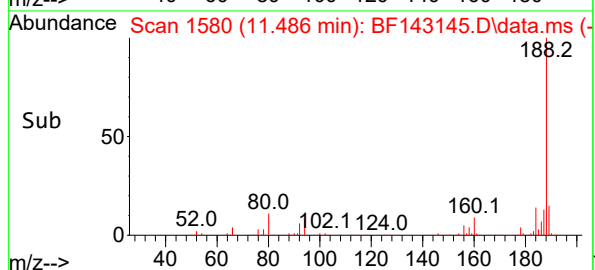
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

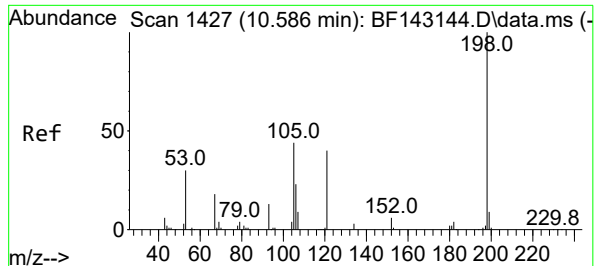


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



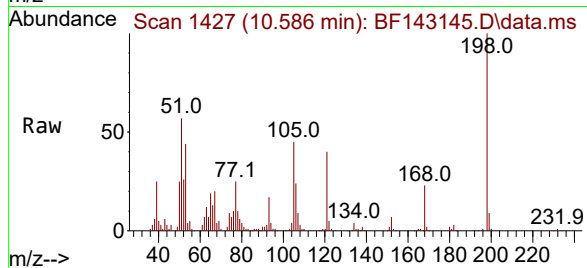
Tgt Ion:188 Resp: 447089
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.4 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 51.927 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

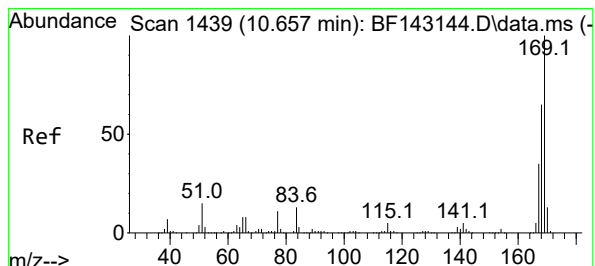
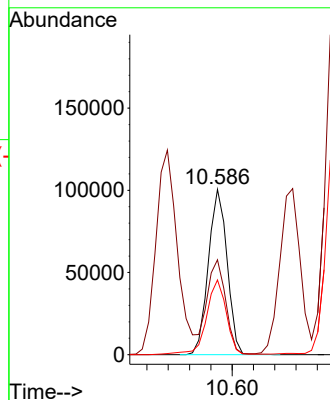
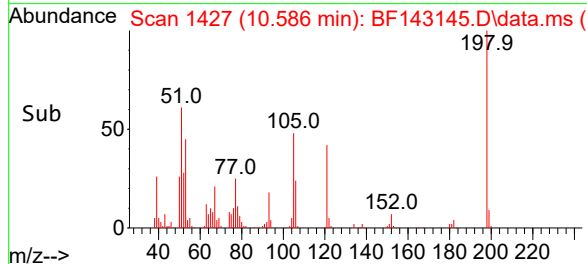
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 122870
Ion Ratio Lower Upper
198 100
51 57.3 37.2 77.2
105 45.1 24.8 64.8

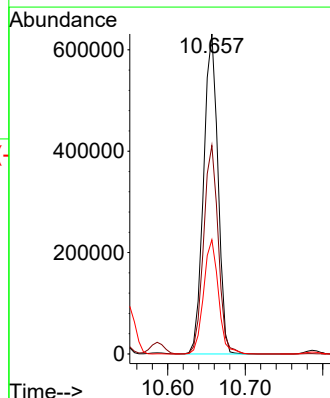
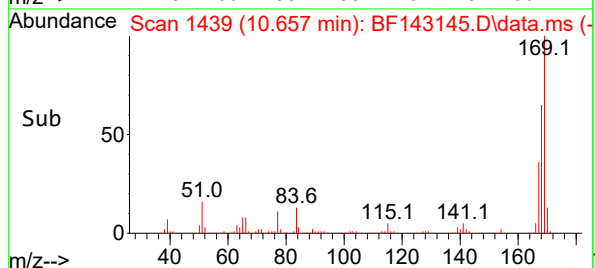
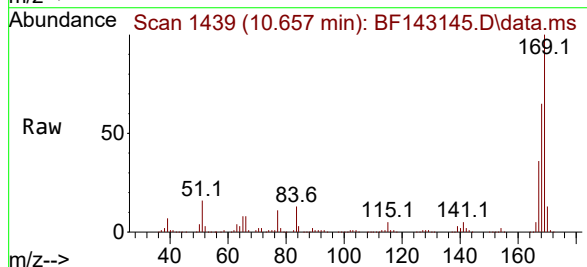
Manual Integrations
APPROVED

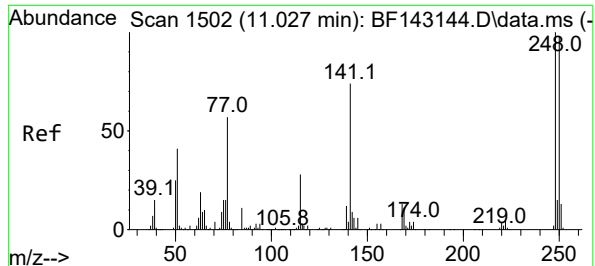
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 51.540 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

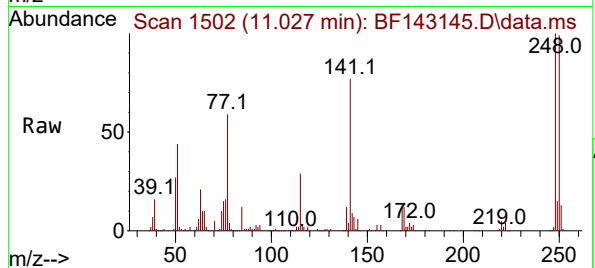
Tgt Ion:169 Resp: 811422
Ion Ratio Lower Upper
169 100
168 65.1 52.1 78.1
167 35.7 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 51.741 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

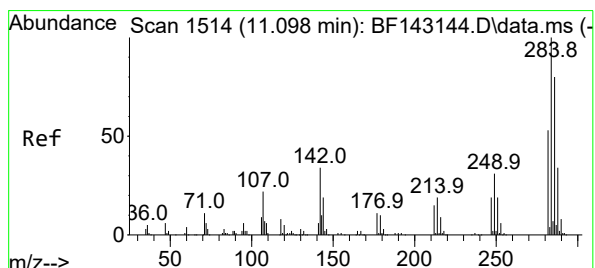
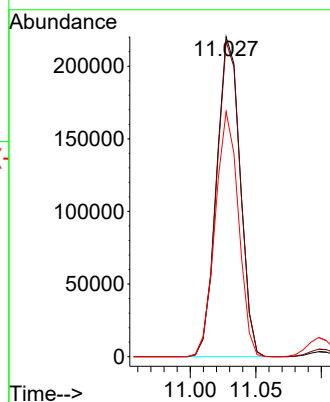
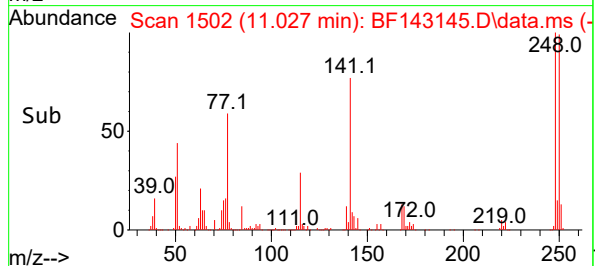
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



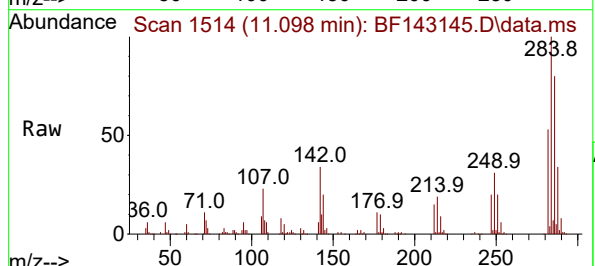
Tgt Ion:248 Resp: 275679
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 76.6 59.2 88.8

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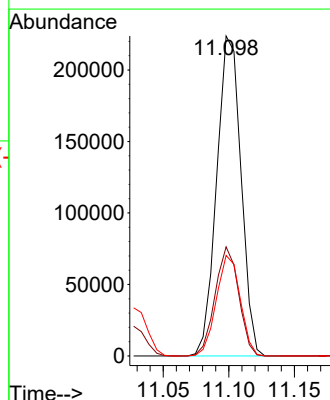
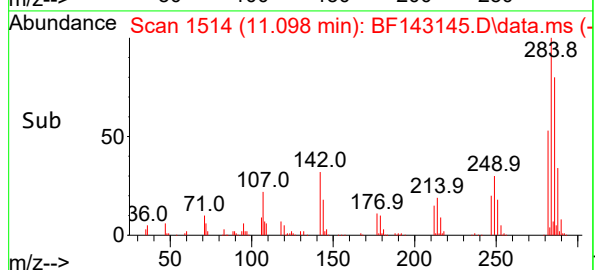
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

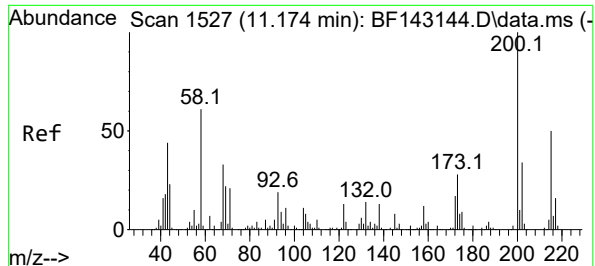


#68
Hexachlorobenzene
Concen: 51.788 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:284 Resp: 288405
Ion Ratio Lower Upper
284 100
142 34.1 27.0 40.6
249 31.4 25.0 37.6





#69

Atrazine

Concen: 53.662 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 23290

Ion Ratio Lower Upper

200 100

173 28.2 7.9 47.9

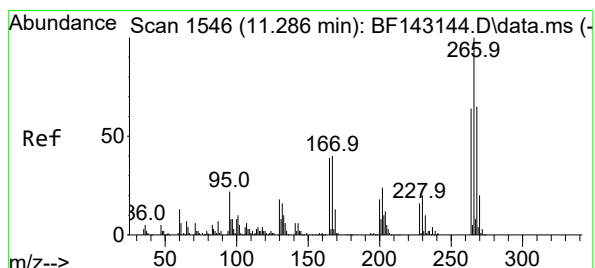
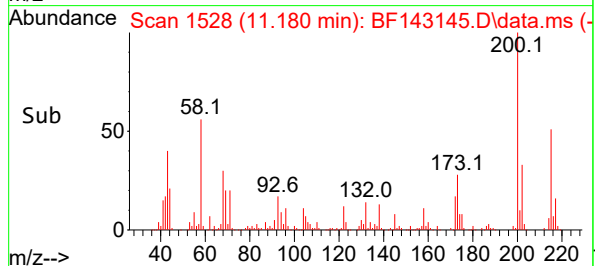
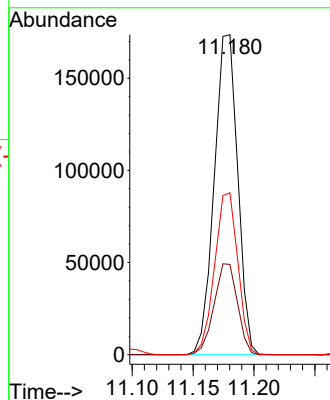
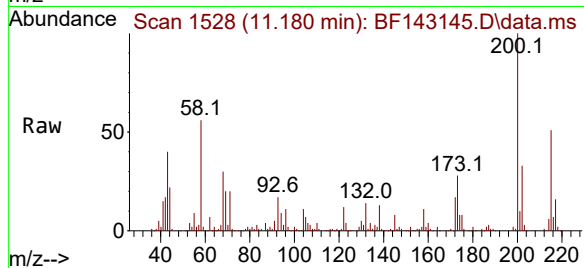
215 50.6 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 54.581 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

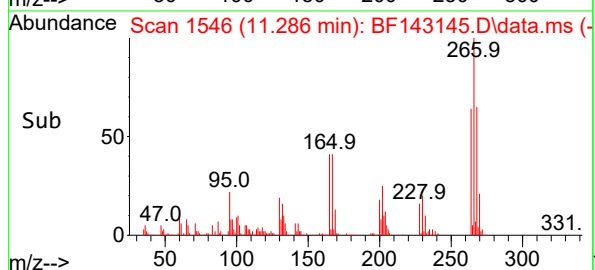
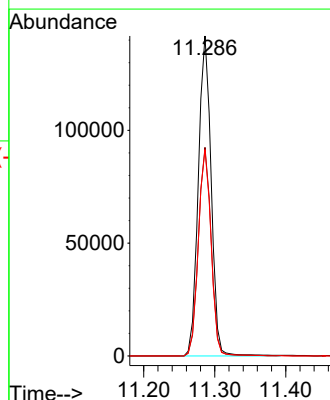
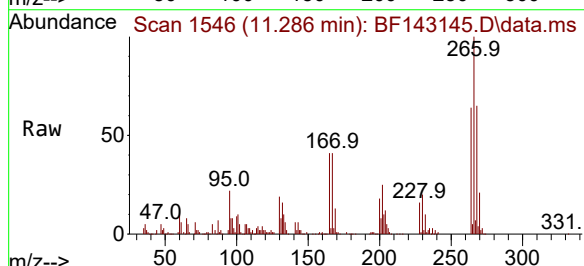
Tgt Ion:266 Resp: 178753

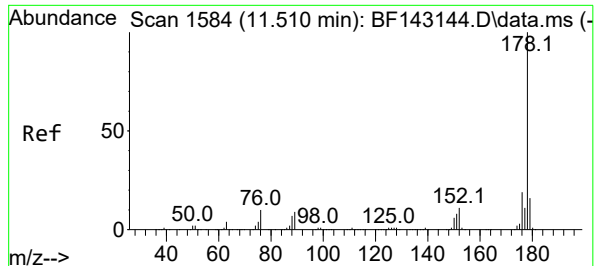
Ion Ratio Lower Upper

266 100

268 65.2 51.9 77.9

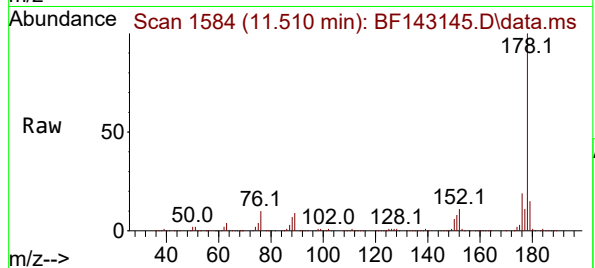
264 64.5 51.0 76.6





#71
Phenanthrene
Concen: 50.321 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

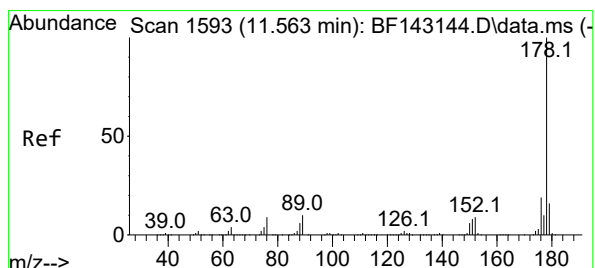
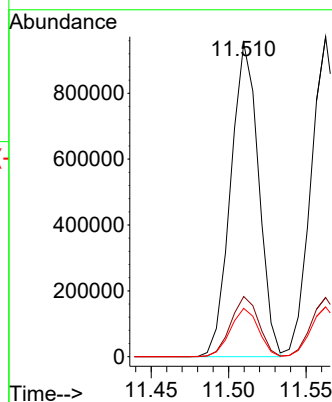
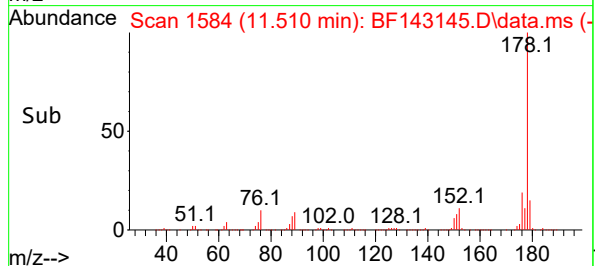
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 1194582
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 12.5 18.7

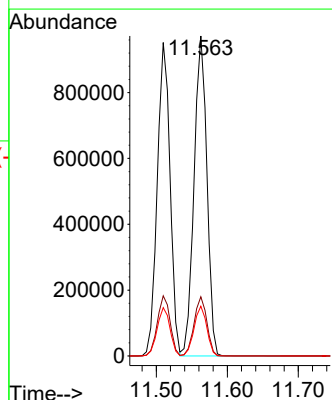
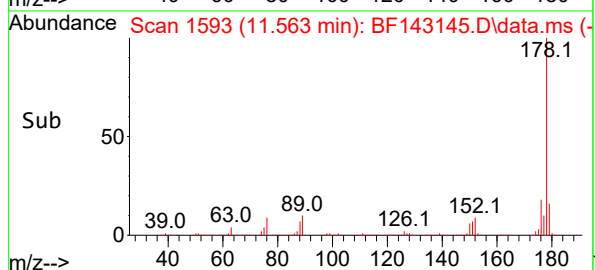
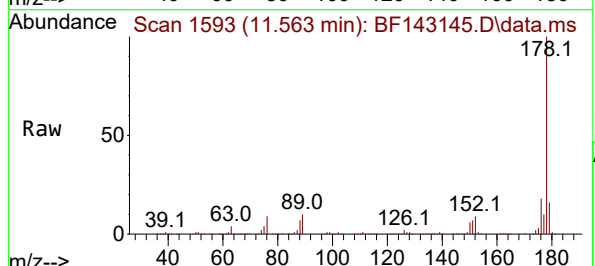
Manual Integrations
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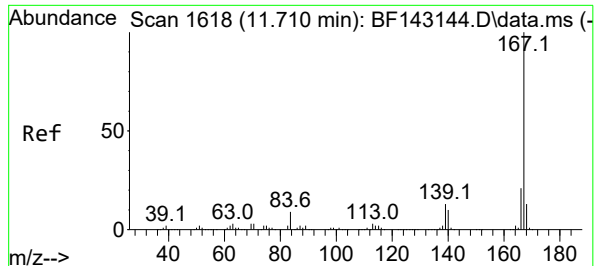
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 50.552 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

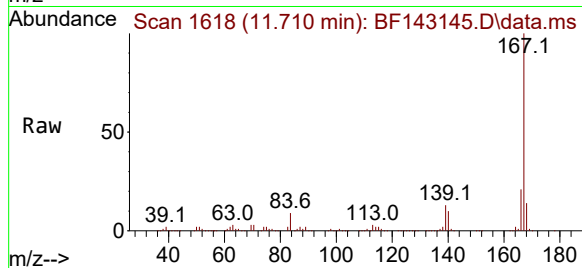
Tgt Ion:178 Resp: 1223920
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.5 18.7





#73
Carbazole
Concen: 50.934 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

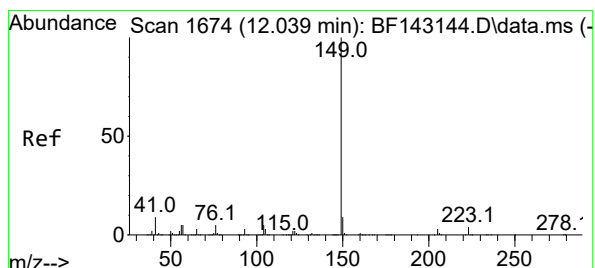
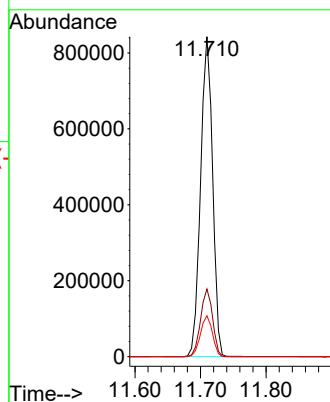
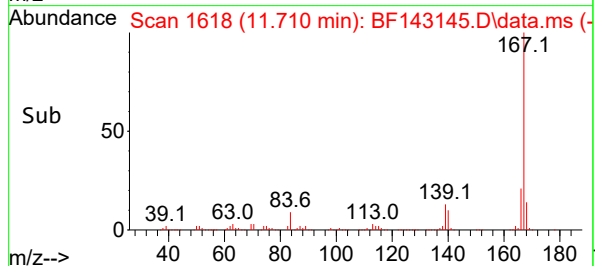
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



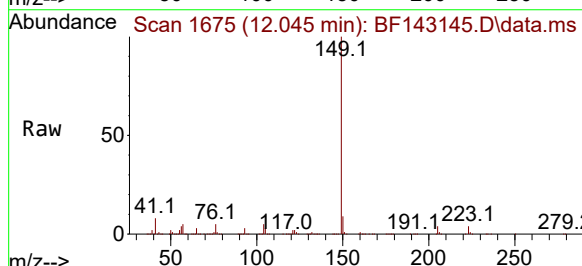
Tgt Ion:167 Resp: 107680
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.8 10.0 15.0

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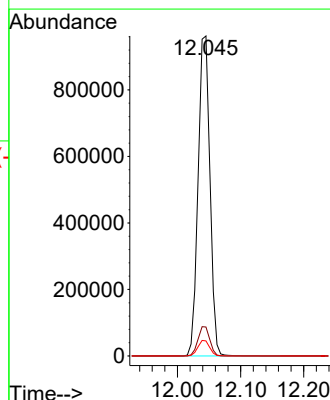
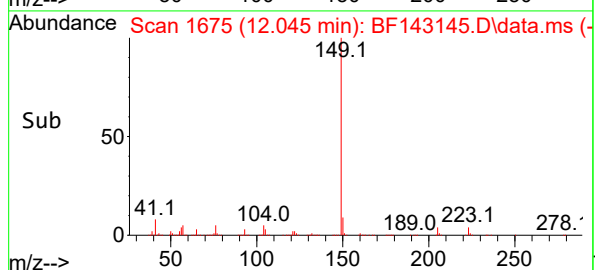
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

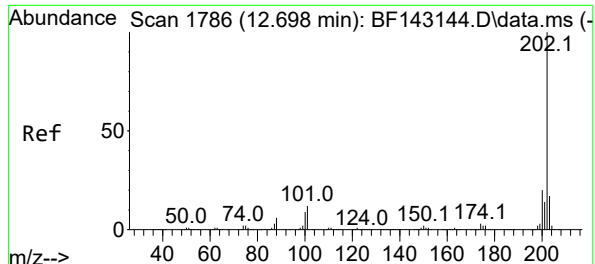


#74
Di-n-butylphthalate
Concen: 52.290 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



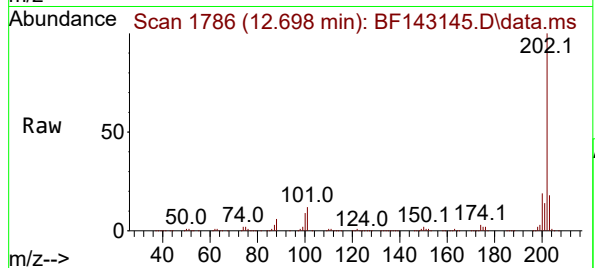
Tgt Ion:149 Resp: 1250841
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 50.203 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

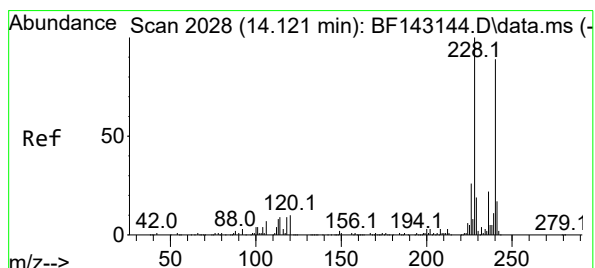
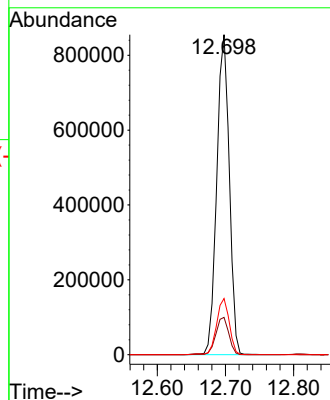
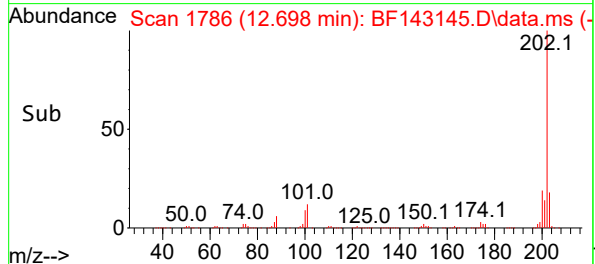
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1093890
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.6 0.0 37.4

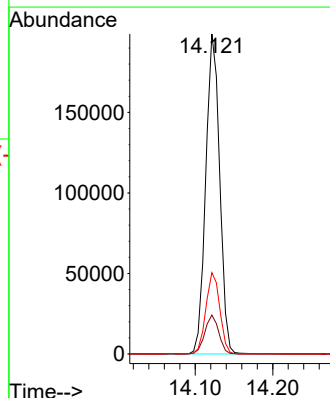
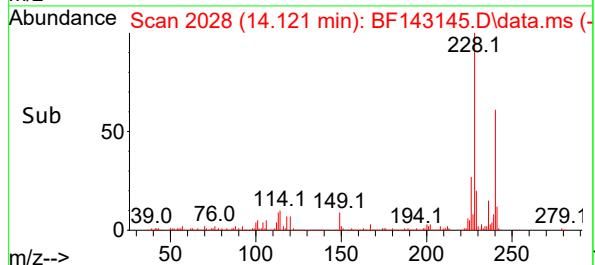
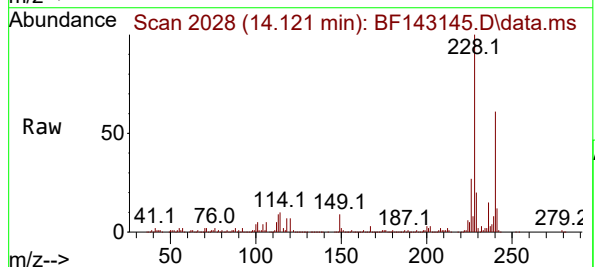
Manual Integrations
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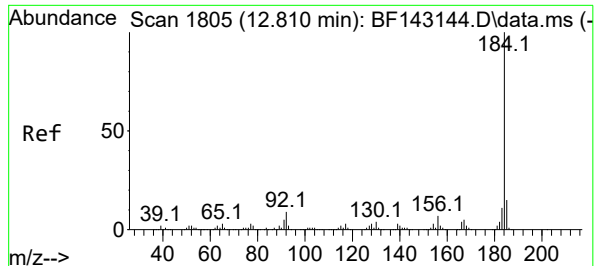
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

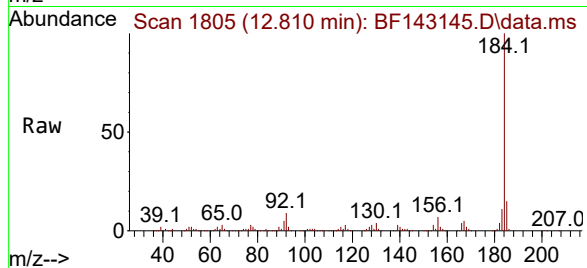
Tgt Ion:240 Resp: 247878
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.4 20.2 30.4





#77
Benzidine
Concen: 45.229 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

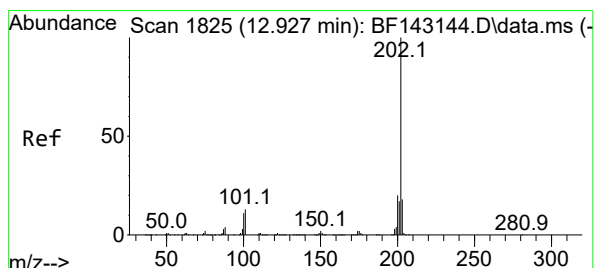
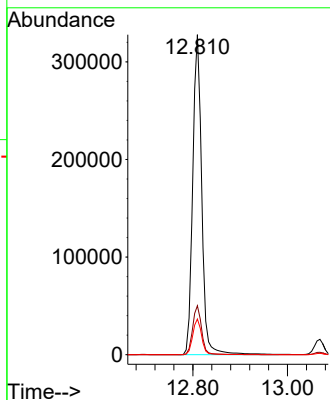
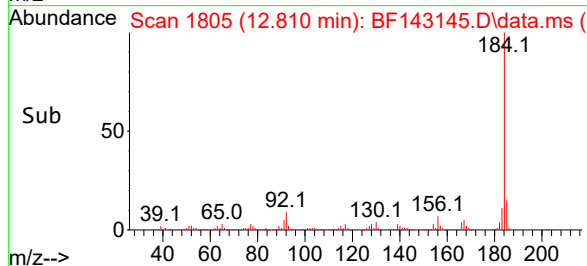
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 431944
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 11.2 9.0 13.4

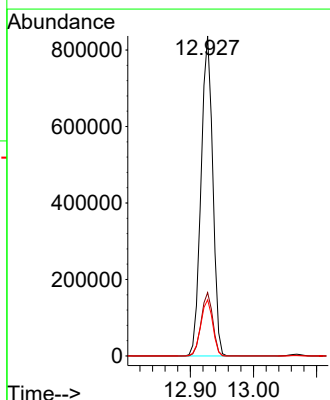
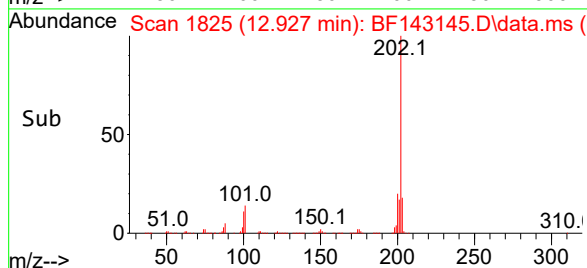
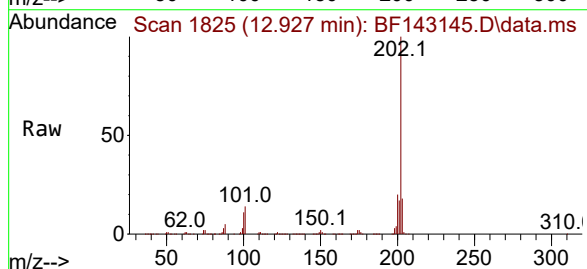
Manual Integrations
APPROVED

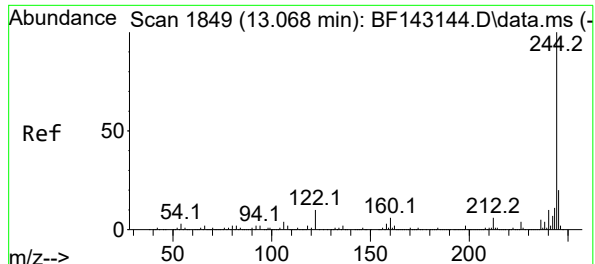
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 50.982 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:202 Resp: 1078520
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 99.838 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 166303

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

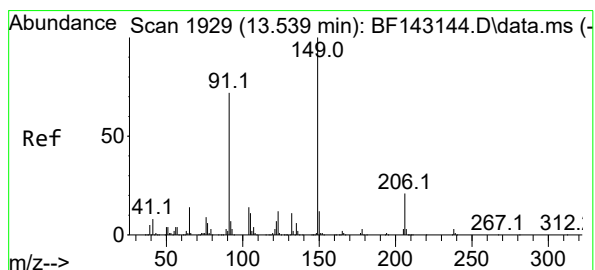
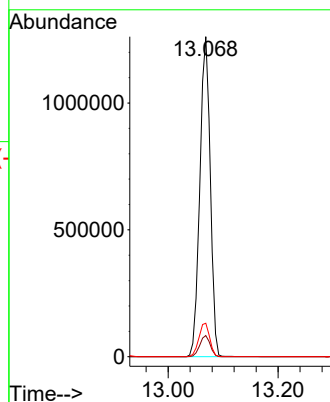
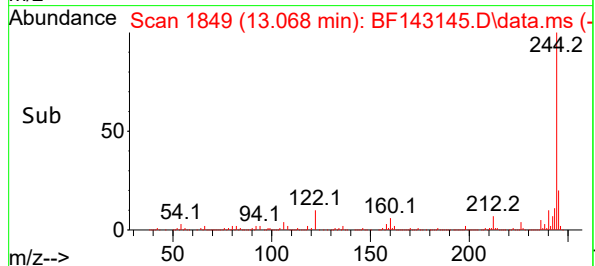
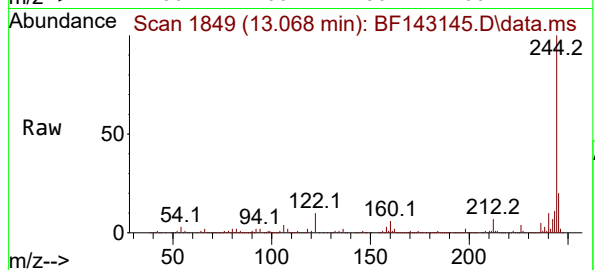
122 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#80

Butylbenzylphthalate

Concen: 55.681 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

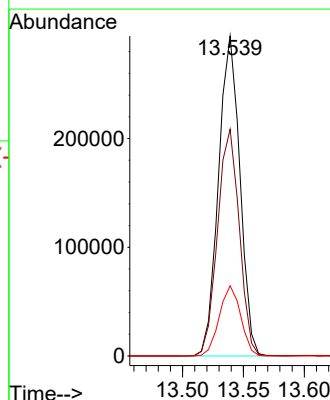
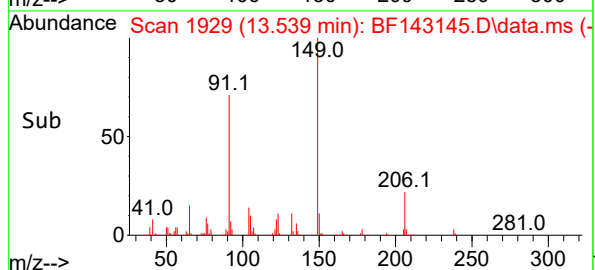
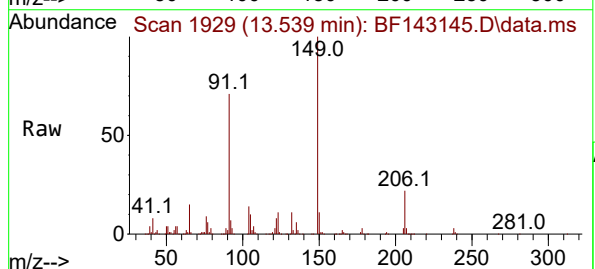
Tgt Ion:149 Resp: 360698

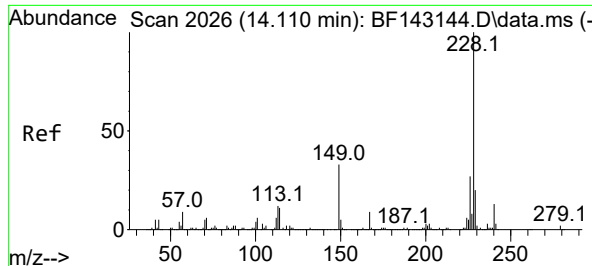
Ion Ratio Lower Upper

149 100

91 70.8 57.9 86.9

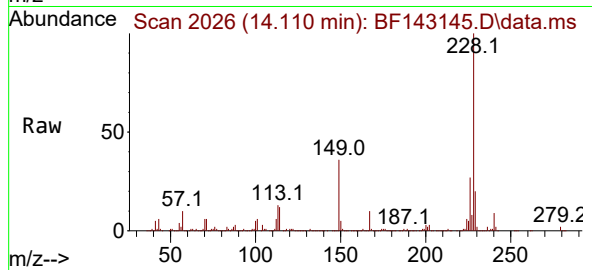
206 22.0 17.0 25.4





#81
Benzo(a)anthracene
Concen: 53.085 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

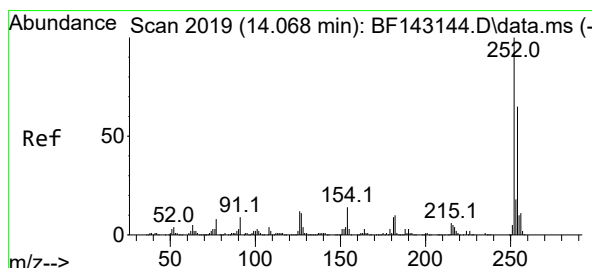
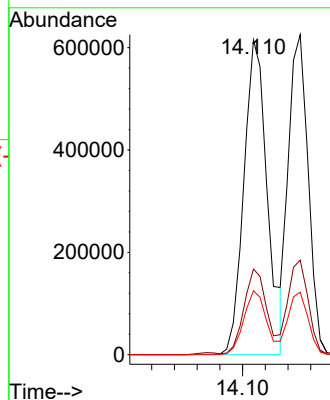
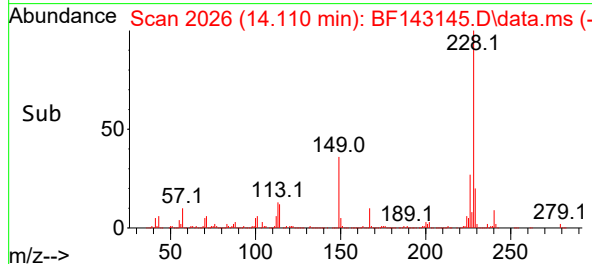
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 880975
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.3 15.8 23.6

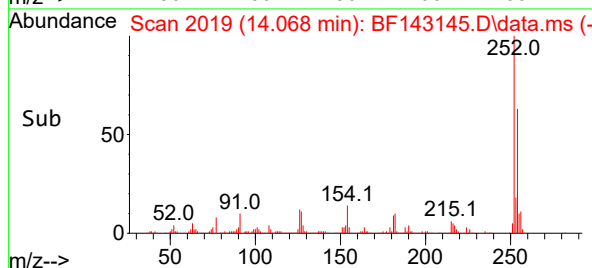
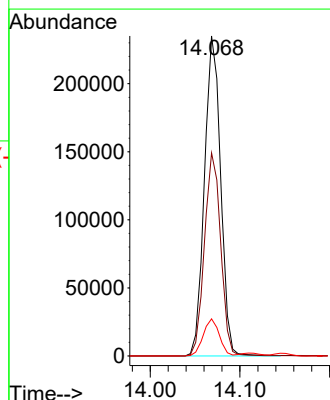
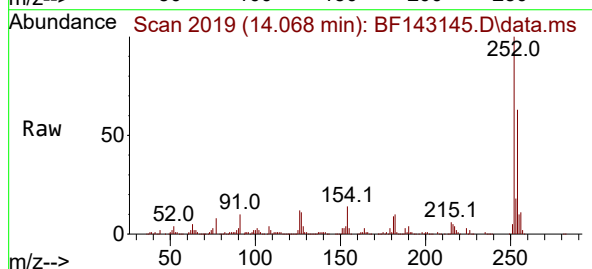
Manual Integrations
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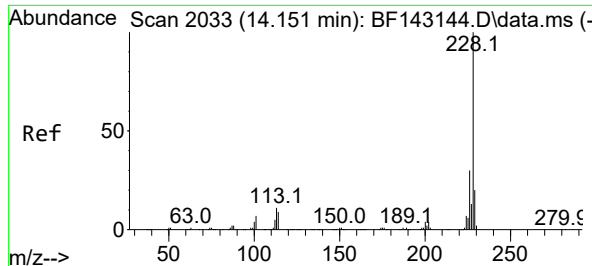
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 53.305 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:252 Resp: 294836
Ion Ratio Lower Upper
252 100
254 63.5 51.7 77.5
126 11.6 9.4 14.0





#83

Chrysene

Concen: 50.597 ng

RT: 14.151 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 75495

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

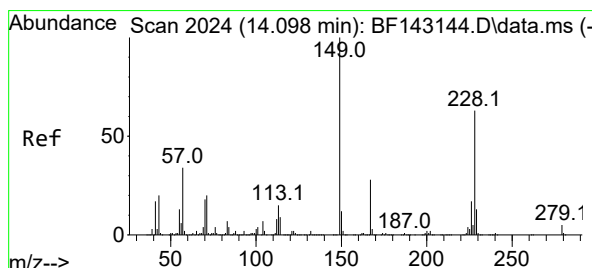
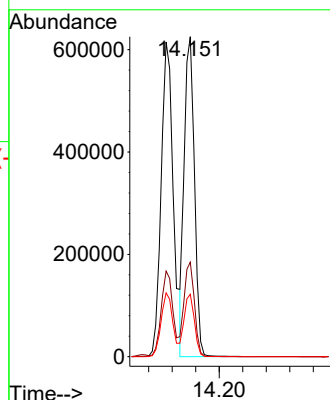
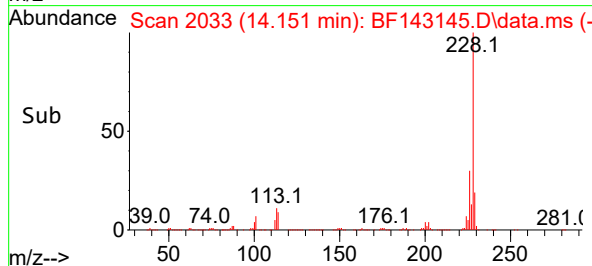
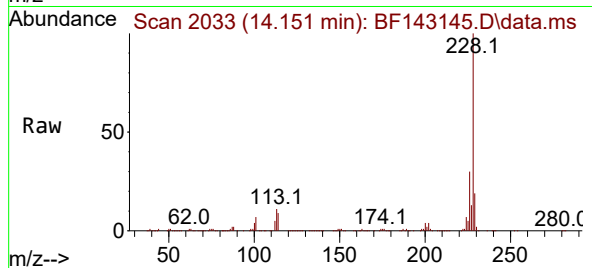
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.475 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

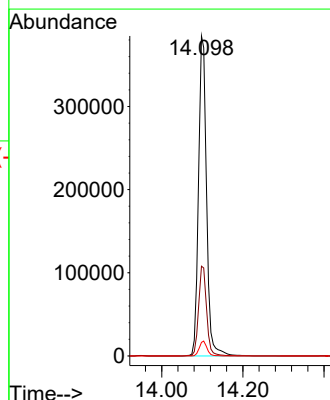
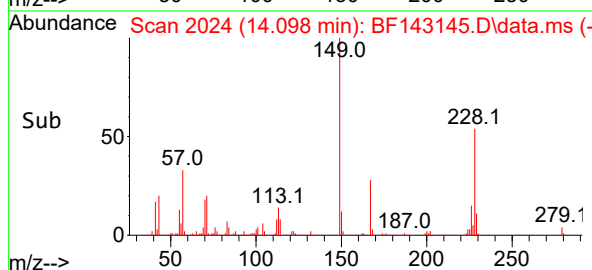
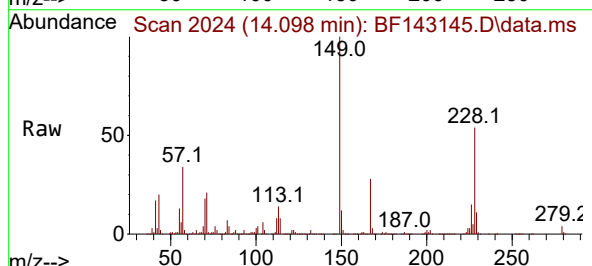
Tgt Ion:149 Resp: 534128

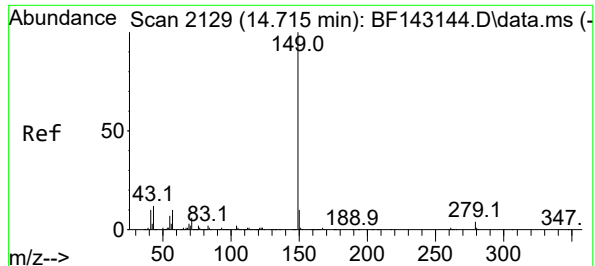
Ion Ratio Lower Upper

149 100

167 28.1 22.3 33.5

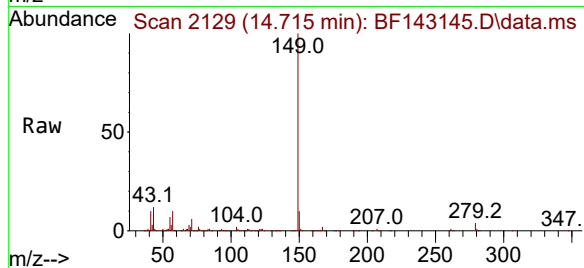
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.032 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

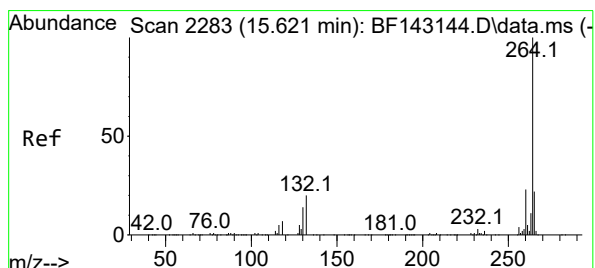
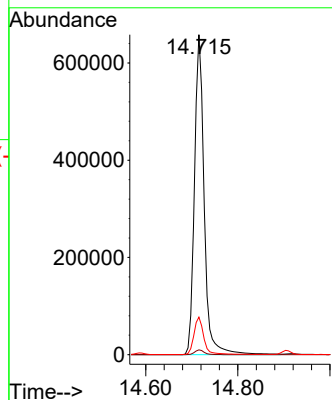
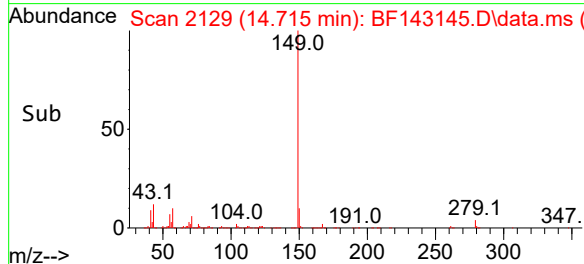
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 960309
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.9 9.7 14.5

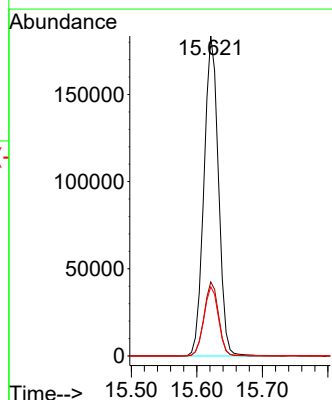
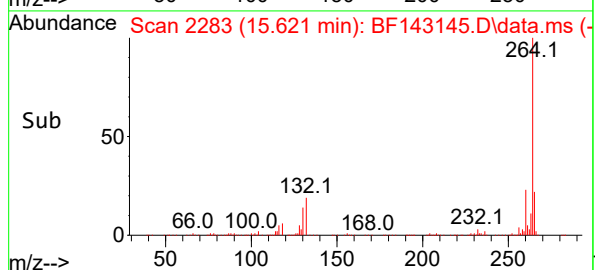
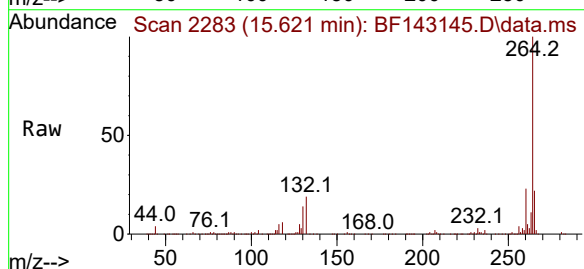
Manual Integrations
APPROVED

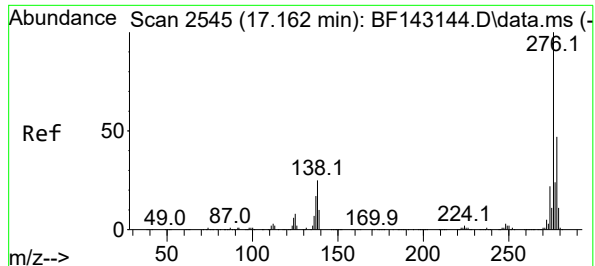
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Tgt Ion:264 Resp: 282289
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.6 17.4 26.2





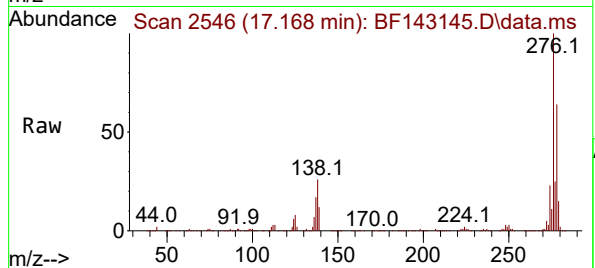
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.347 ng
RT: 17.168 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

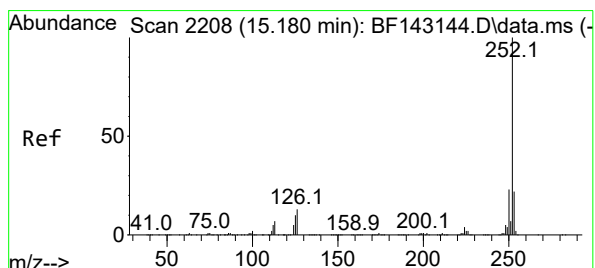
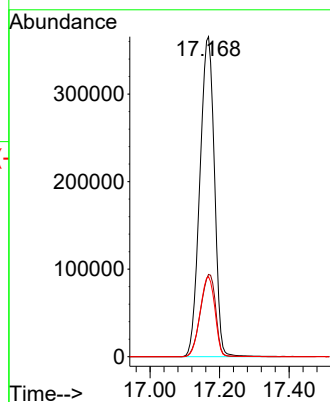
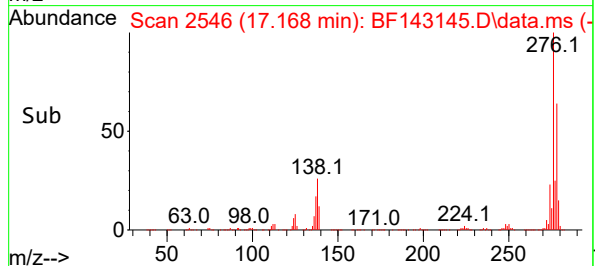


Tgt Ion:276 Resp: 106187
Ion Ratio Lower Upper
276 100
138 26.8 21.8 32.6
277 25.4 20.0 30.0

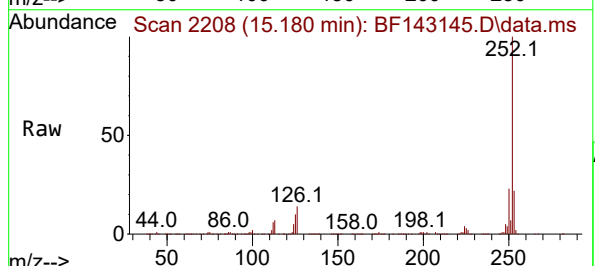
Manual Integrations

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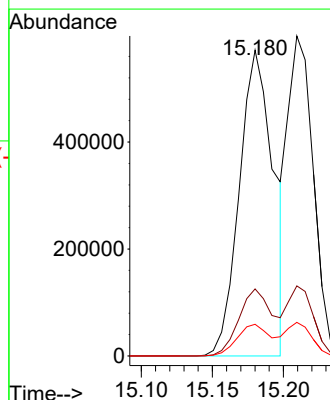
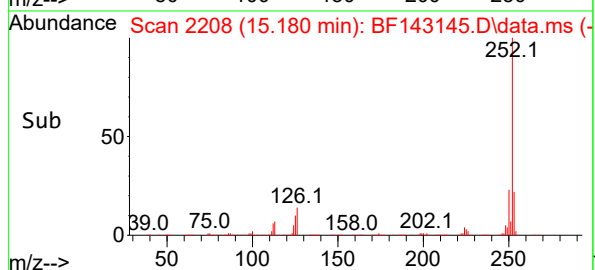
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

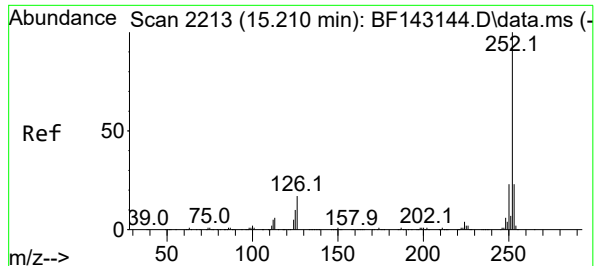


#88
Benzo(b)fluoranthene
Concen: 55.319 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143145.D
Acq: 17 Jul 2025 13:33



Tgt Ion:252 Resp: 953990
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.024 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 75441

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

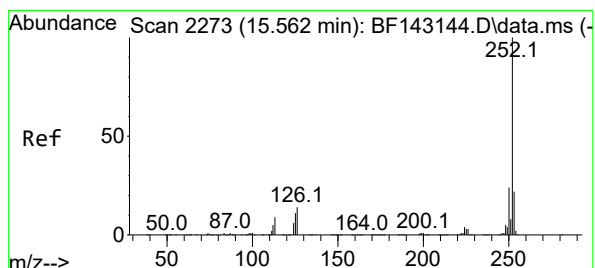
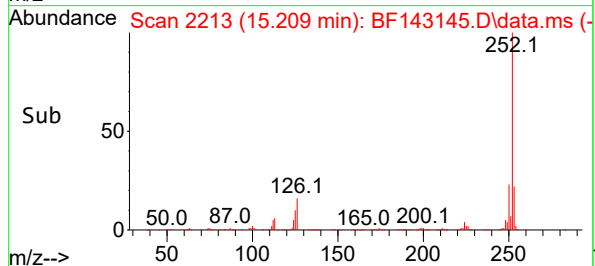
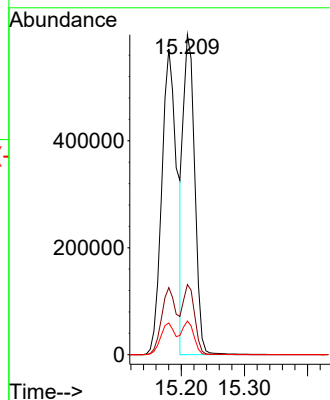
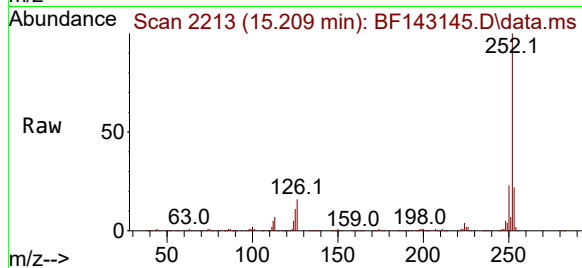
125 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 52.928 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

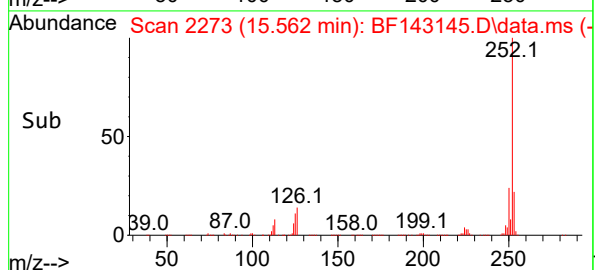
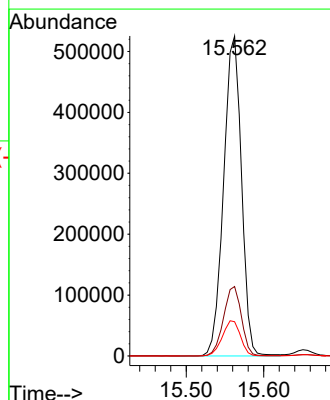
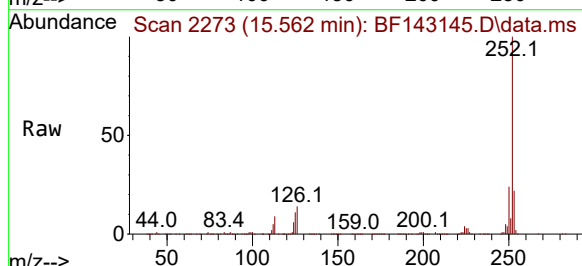
Tgt Ion:252 Resp: 840968

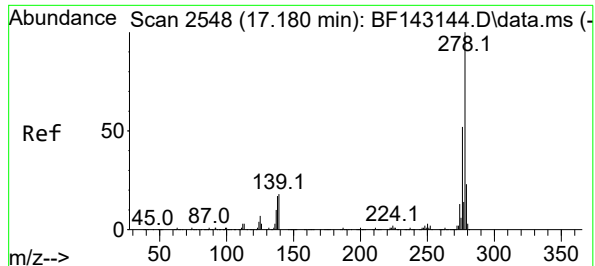
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 53.172 ng

RT: 17.186 min Scan# 2548

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 86146

Ion Ratio Lower Upper

278 100

139 16.5 14.1 21.1

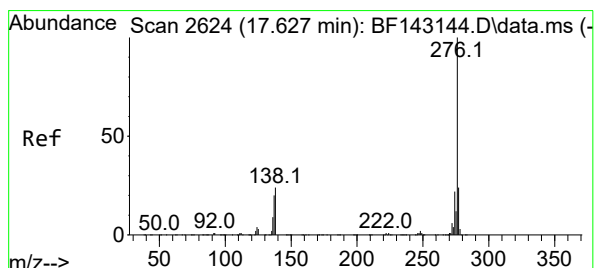
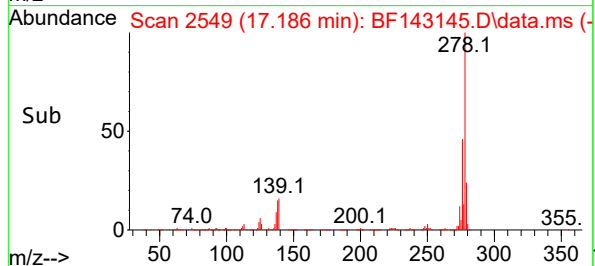
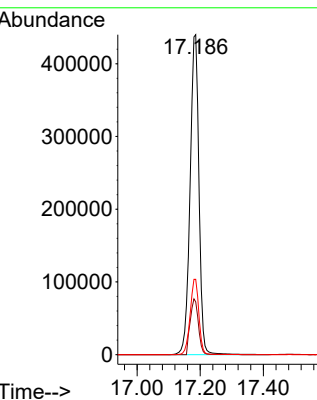
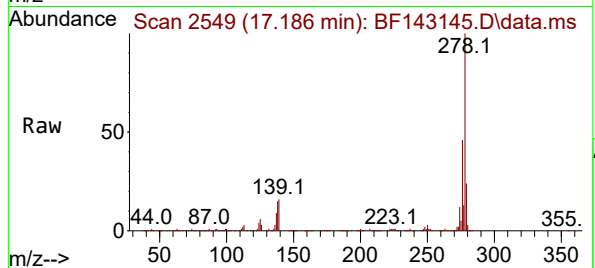
279 23.5 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#92

Benzo(g,h,i)perylene

Concen: 53.845 ng

RT: 17.633 min Scan# 2625

Delta R.T. 0.006 min

Lab File: BF143145.D

Acq: 17 Jul 2025 13:33

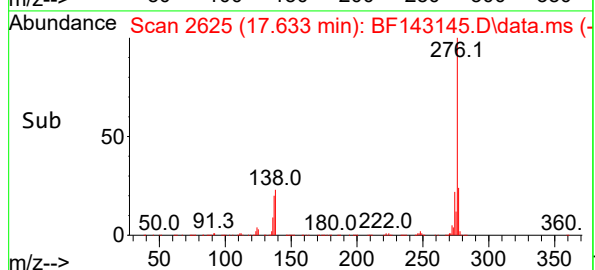
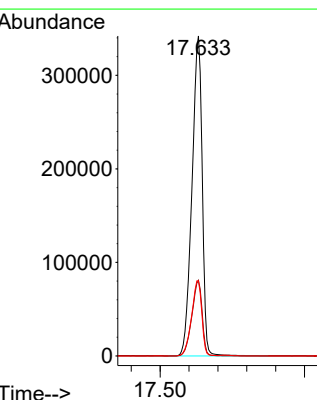
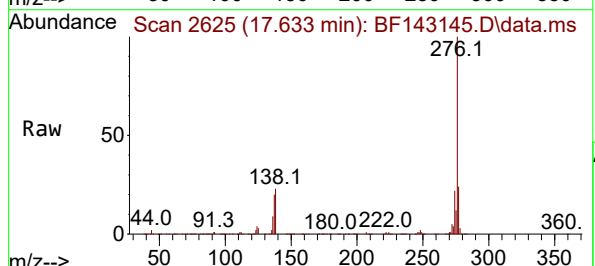
Tgt Ion:276 Resp: 843865

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 23.5 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143146.D
 Acq On : 17 Jul 2025 14:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	153150	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	573541	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	286544	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	442888	20.000	ng	0.00
76) Chrysene-d12	14.121	240	264384	20.000	ng	0.00
86) Perylene-d12	15.621	264	315904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1096776	113.327	ng	0.00
7) Phenol-d6	6.587	99	1384010	113.616	ng	0.00
23) Nitrobenzene-d5	7.528	82	1367018	118.809	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	354678	119.817	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2274500	108.558	ng	0.00
79) Terphenyl-d14	13.069	244	1888544	106.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	268511	58.635	ng	99
3) Pyridine	3.581	79	700860	58.965	ng	99
4) n-Nitrosodimethylamine	3.534	42	369452	60.203	ng	99
6) Aniline	6.628	93	982918	57.896	ng	100
8) 2-Chlorophenol	6.751	128	589870	58.147	ng	98
9) Benzaldehyde	6.516	77	515585	56.445	ng	99
10) Phenol	6.604	94	769713m	58.002	ng	
11) bis(2-Chloroethyl)ether	6.698	93	588491	57.918	ng	99
12) 1,3-Dichlorobenzene	6.910	146	625605	56.769	ng	99
13) 1,4-Dichlorobenzene	6.981	146	623375	56.171	ng	98
14) 1,2-Dichlorobenzene	7.140	146	598571	56.708	ng	99
15) Benzyl Alcohol	7.098	79	548155	58.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1076628	57.120	ng	98
17) 2-Methylphenol	7.210	107	498077	58.393	ng	99
18) Hexachloroethane	7.481	117	225488	58.691	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	437750	56.012	ng	100
20) 3+4-Methylphenols	7.363	107	582354	56.273	ng	96
22) Acetophenone	7.375	105	760969	56.041	ng	99
24) Nitrobenzene	7.545	77	641832	59.832	ng	99
25) Isophorone	7.787	82	1202506	59.202	ng	99
26) 2-Nitrophenol	7.857	139	304218	65.345	ng	97
27) 2,4-Dimethylphenol	7.892	122	548823	57.833	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	696403	57.184	ng	99
29) 2,4-Dichlorophenol	8.098	162	466809	58.329	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	498478	57.653	ng	99
31) Naphthalene	8.269	128	1575696	55.784	ng	99
32) Benzoic acid	8.010	122	321703	58.961	ng	99
33) 4-Chloroaniline	8.310	127	659467	57.178	ng	99
34) Hexachlorobutadiene	8.392	225	307552	58.230	ng	99
35) Caprolactam	8.692	113	145894	60.327	ng	100
36) 4-Chloro-3-methylphenol	8.787	107	506142	58.186	ng	99
37) 2-Methylnaphthalene	8.957	142	966031	56.203	ng	99
38) 1-Methylnaphthalene	9.057	142	997009	56.329	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	479450	57.955	ng	99
41) Hexachlorocyclopentadiene	9.116	237	337833	62.761	ng	99
43) 2,4,6-Trichlorophenol	9.234	196	344941	60.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143146.D
 Acq On : 17 Jul 2025 14:04
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	339656	59.305	ng	99
46) 1,1'-Biphenyl	9.422	154	1265588	56.610	ng	100
47) 2-Chloronaphthalene	9.451	162	948912	57.364	ng	100
48) 2-Nitroaniline	9.534	65	331501	63.904	ng	99
49) Acenaphthylene	9.863	152	1576240	56.860	ng	100
50) Dimethylphthalate	9.722	163	1075052	57.558	ng	100
51) 2,6-Dinitrotoluene	9.775	165	238103	62.665	ng	97
52) Acenaphthene	10.039	154	930883	56.814	ng	98
53) 3-Nitroaniline	9.945	138	273506	61.542	ng	100
54) 2,4-Dinitrophenol	10.045	184	101491	60.690	ng	72
55) Dibenzofuran	10.210	168	1364531	56.093	ng	100
56) 4-Nitrophenol	10.092	139	203477	61.312	ng	99
57) 2,4-Dinitrotoluene	10.181	165	304460	63.868	ng	97
58) Fluorene	10.551	166	997710	54.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	283124	59.678	ng	99
60) Diethylphthalate	10.422	149	1057851	57.301	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	516980	56.867	ng	99
62) 4-Nitroaniline	10.563	138	232488	61.037	ng	98
63) Azobenzene	10.698	77	1098772	57.107	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	144751	60.728	ng	98
66) n-Nitrosodiphenylamine	10.657	169	910468	58.380	ng	98
67) 4-Bromophenyl-phenylether	11.028	248	318085	60.266	ng	99
68) Hexachlorobenzene	11.104	284	325779	59.054	ng	96
69) Atrazine	11.181	200	262374	61.024	ng	100
70) Pentachlorophenol	11.286	266	206417	63.625	ng	98
71) Phenanthrene	11.510	178	1331485	56.620	ng	100
72) Anthracene	11.563	178	1379601	57.522	ng	100
73) Carbazole	11.710	167	1194026	57.015	ng	100
74) Di-n-butylphthalate	12.045	149	1392335	58.757	ng	100
75) Fluoranthene	12.698	202	1232952	57.122	ng	99
77) Benzidine	12.810	184	476553	46.785	ng	100
78) Pyrene	12.927	202	1207978	53.536	ng	99
80) Butylbenzylphthalate	13.539	149	441334	63.875	ng	99
81) Benzo(a)anthracene	14.110	228	1041236	58.825	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	348979	59.155	ng	100
83) Chrysene	14.151	228	930545	58.472	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	655482	62.678	ng	100
85) Di-n-octyl phthalate	14.716	149	1196044	63.095	ng	100
87) Indeno(1,2,3-cd)pyrene	17.168	276	1337361	60.037	ng	99
88) Benzo(b)fluoranthene	15.180	252	1125667	58.328	ng	100
89) Benzo(k)fluoranthene	15.216	252	1023132	59.411	ng	99
90) Benzo(a)pyrene	15.563	252	1062049	59.730	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	1080768	59.610	ng	98
92) Benzo(g,h,i)perylene	17.639	276	1055168	60.163	ng	99

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

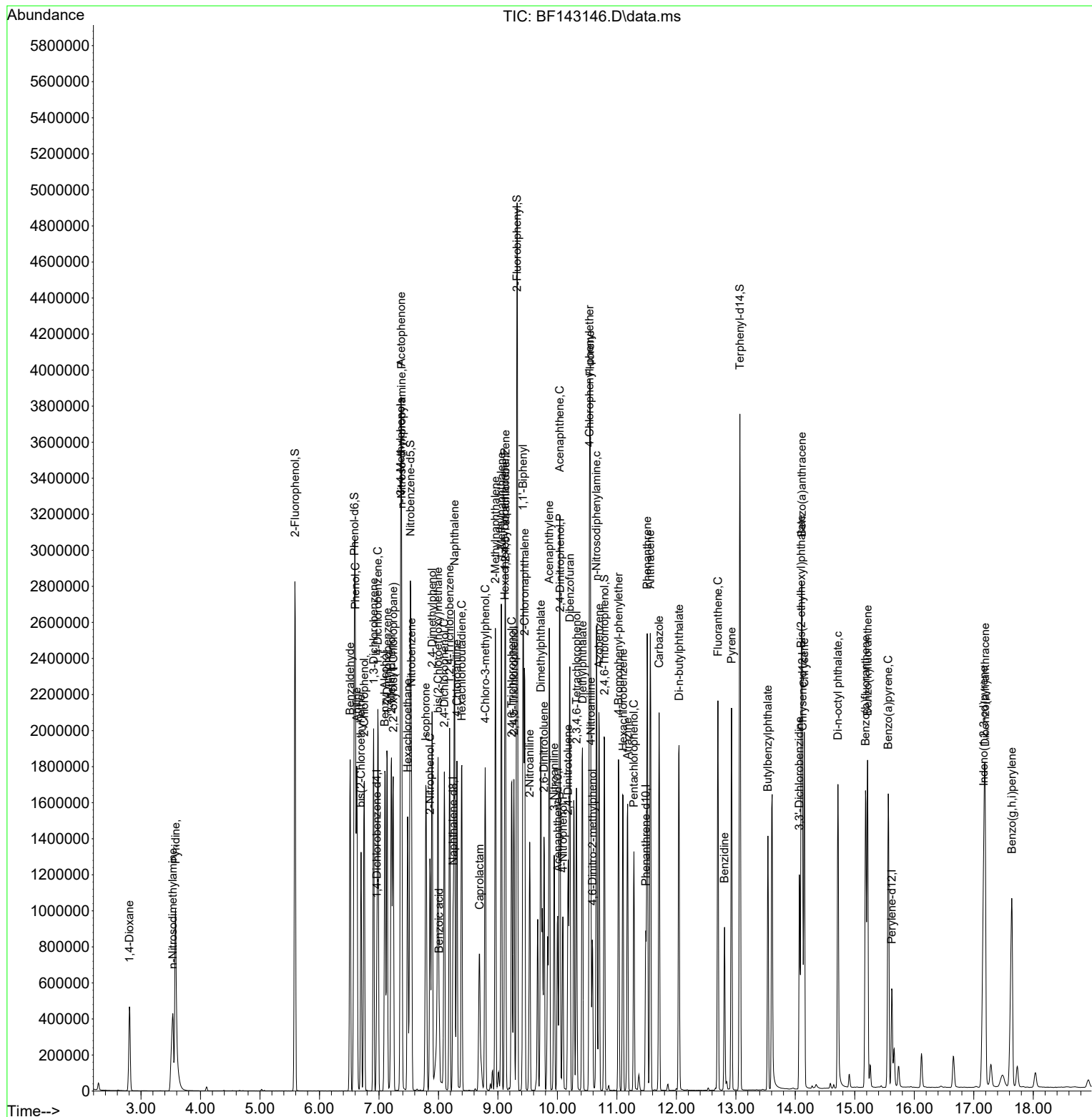
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143146.D
Acq On : 17 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

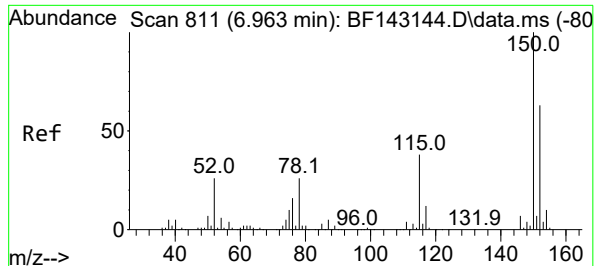
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

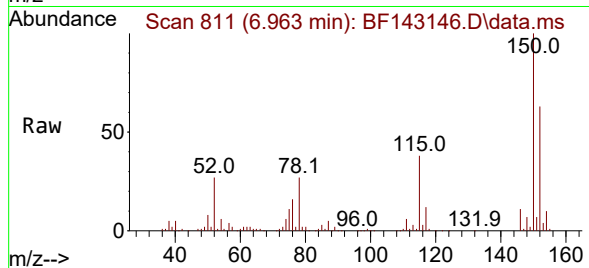
Quant Time: Jul 17 15:05:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 14:54:43 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

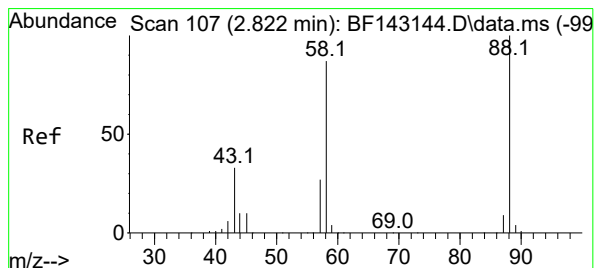
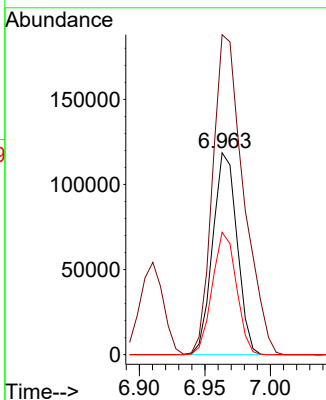
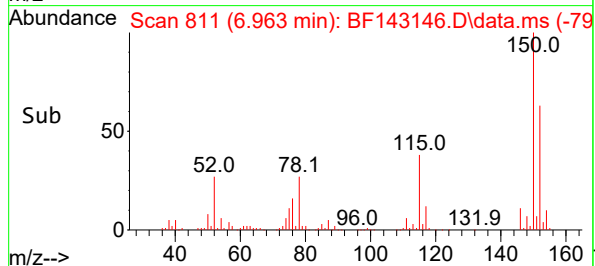
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 153150
Ion Ratio Lower Upper
152 100
150 158.5 128.2 192.4
115 60.7 47.9 71.9

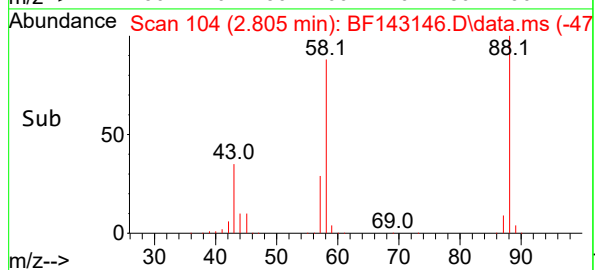
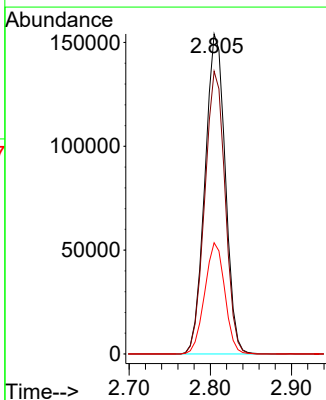
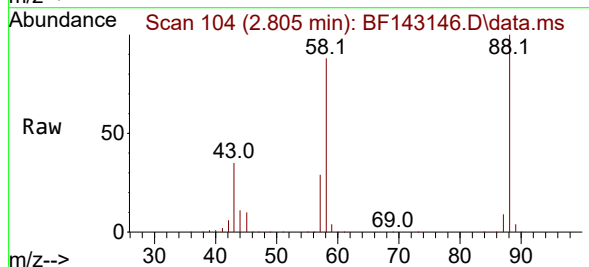
Manual Integrations
APPROVED

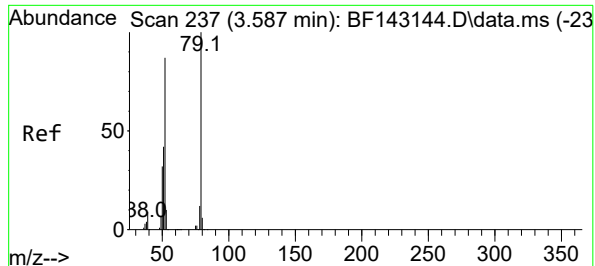
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 58.635 ng
RT: 2.805 min Scan# 104
Delta R.T. -0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

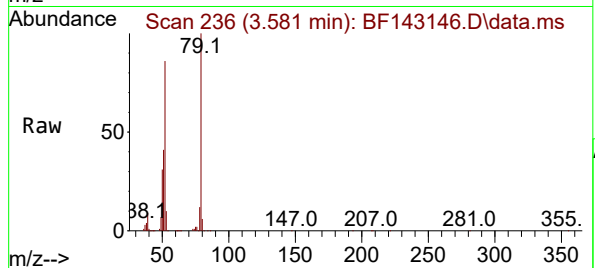
Tgt Ion: 88 Resp: 268511
Ion Ratio Lower Upper
88 100
58 88.2 70.2 105.2
43 34.2 27.1 40.7





#3
Pyridine
Concen: 58.965 ng
RT: 3.581 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

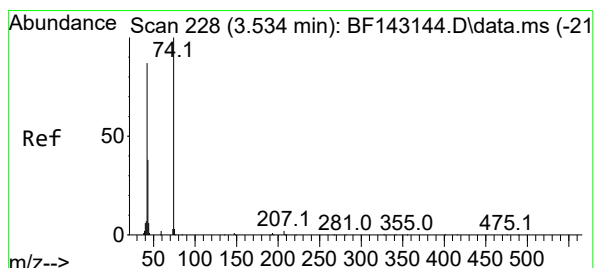
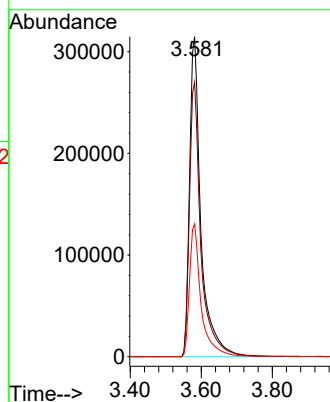
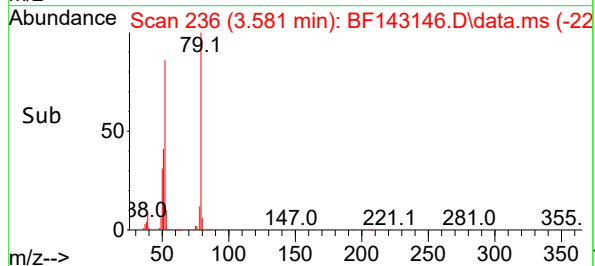
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 700860
Ion Ratio Lower Upper
79 100
52 85.7 69.4 104.2
51 41.4 33.5 50.3

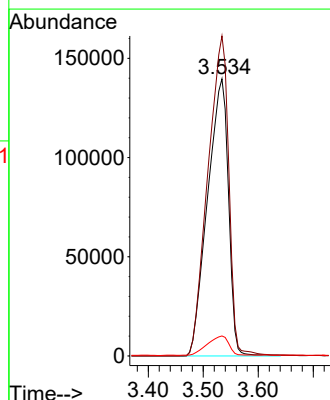
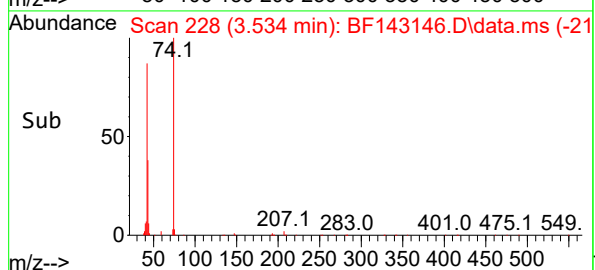
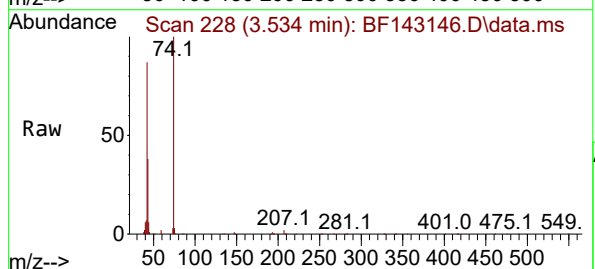
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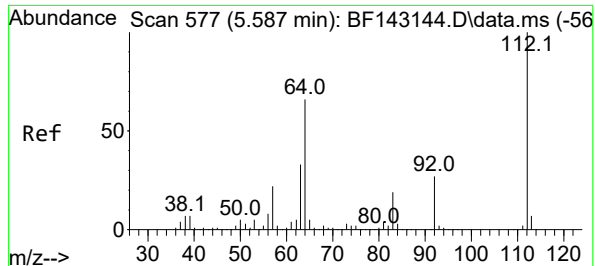
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 60.203 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

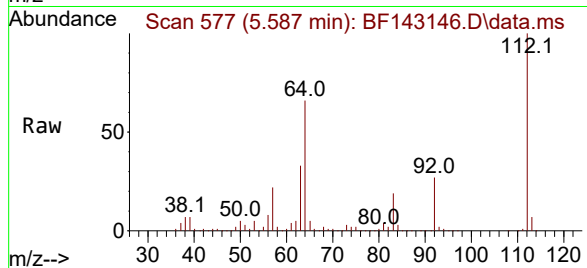
Tgt Ion: 42 Resp: 369452
Ion Ratio Lower Upper
42 100
74 115.5 91.7 137.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 113.327 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

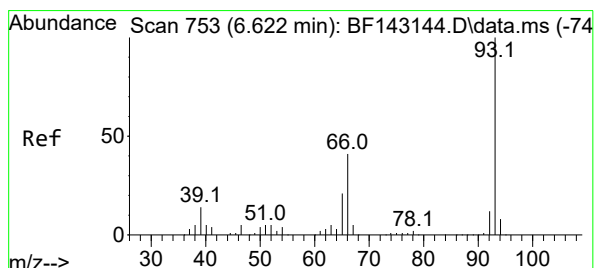
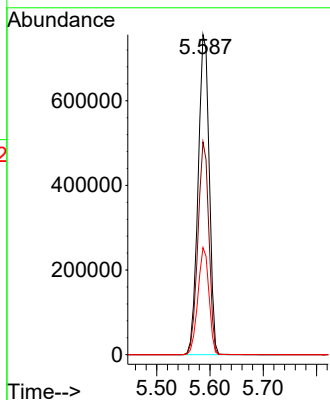
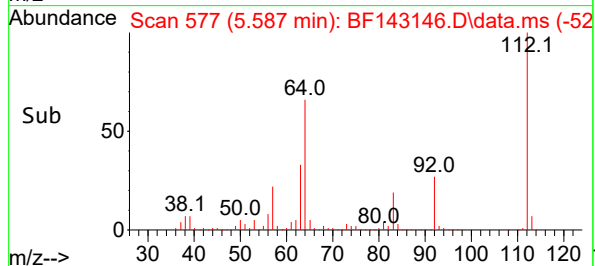
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:112 Resp: 1096770
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 33.4 26.6 40.0

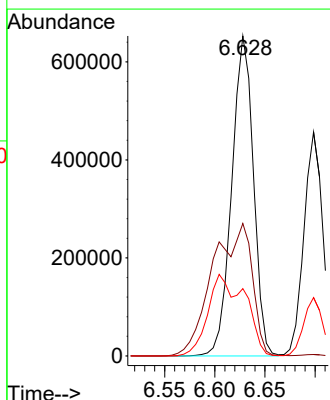
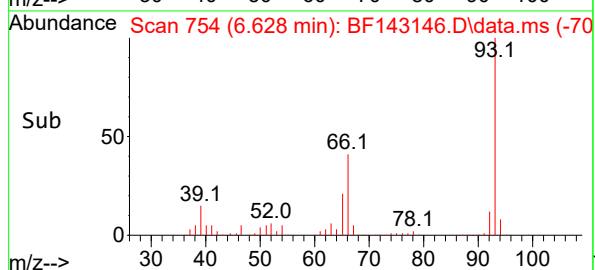
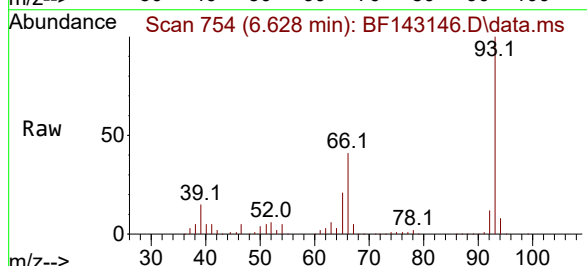
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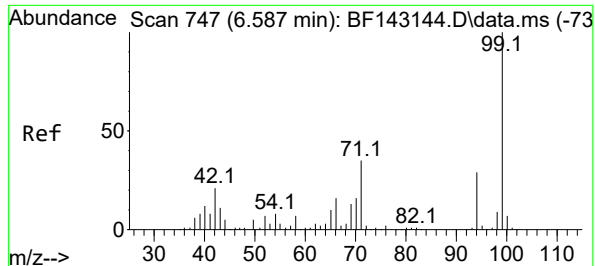
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 57.896 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion: 93 Resp: 982918
Ion Ratio Lower Upper
93 100
66 41.4 33.2 49.8
65 21.0 16.9 25.3





#7

Phenol-d6

Concen: 113.616 ng

RT: 6.587 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1384010

Ion Ratio Lower Upper

99 100

42 21.4 17.0 25.6

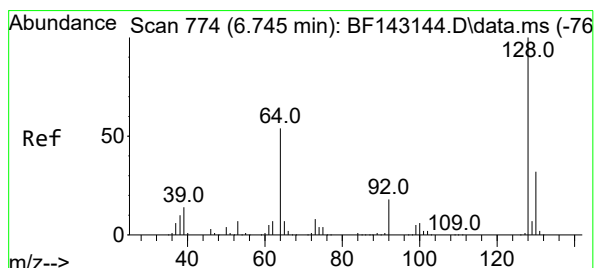
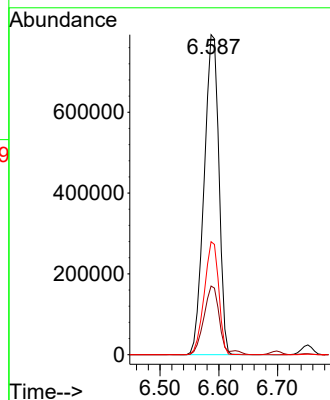
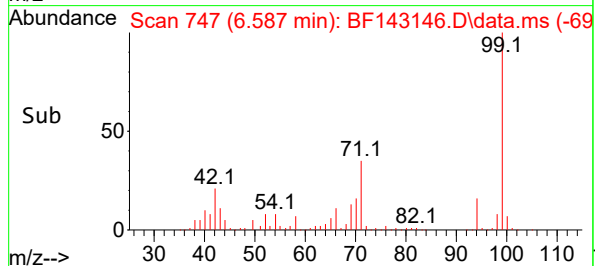
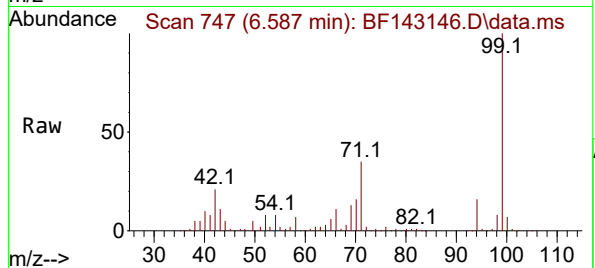
71 35.3 27.7 41.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#8

2-Chlorophenol

Concen: 58.147 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

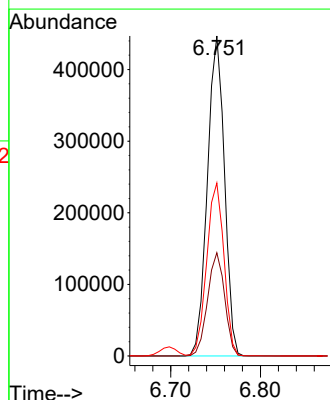
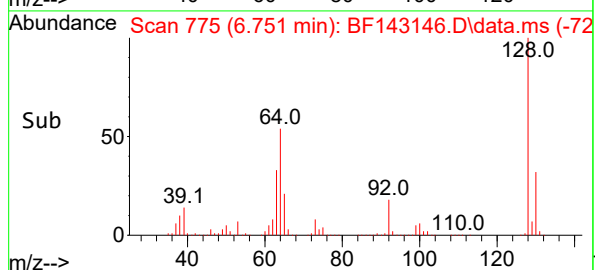
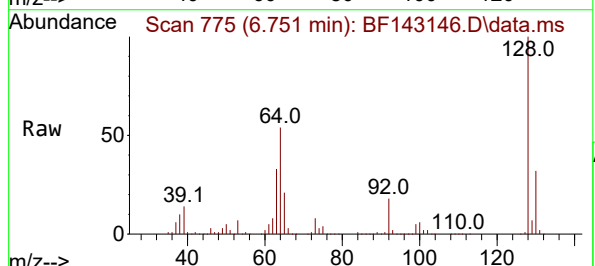
Tgt Ion:128 Resp: 589870

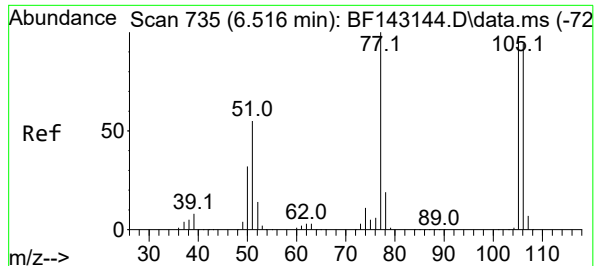
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 54.0 35.9 75.9





#9

Benzaldehyde

Concen: 56.445 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 51558

Ion Ratio Lower Upper

77 100

105 96.1 76.8 116.8

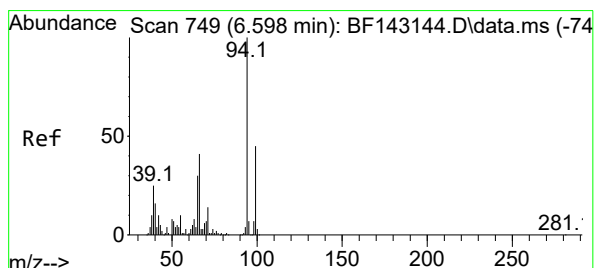
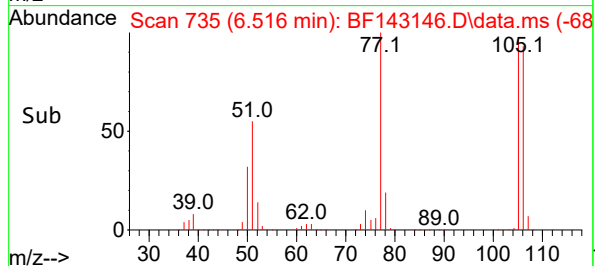
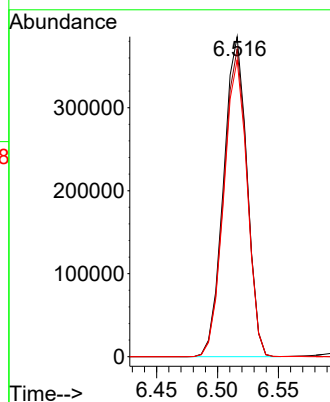
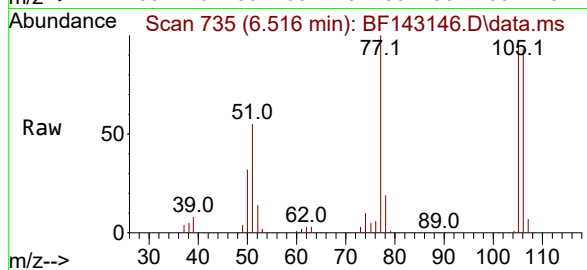
106 92.7 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 58.002 ng m

RT: 6.604 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

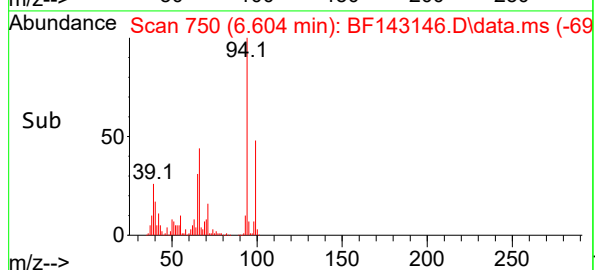
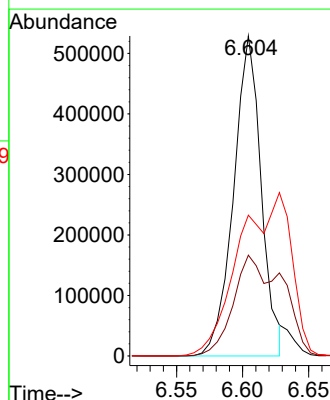
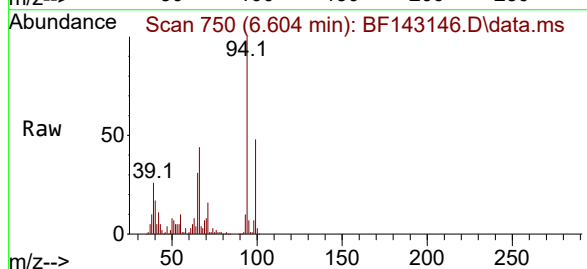
Tgt Ion: 94 Resp: 769713

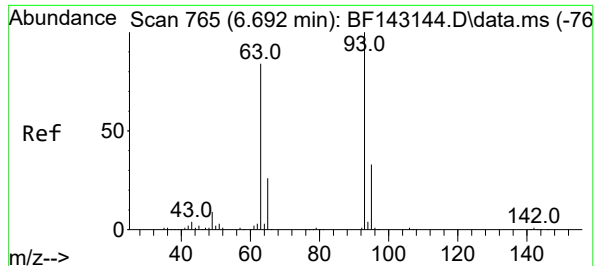
Ion Ratio Lower Upper

94 100

65 31.5 10.0 50.0

66 44.0 20.8 60.8





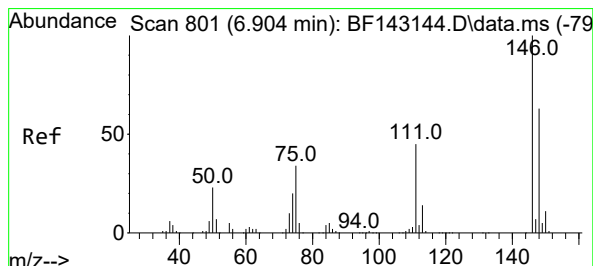
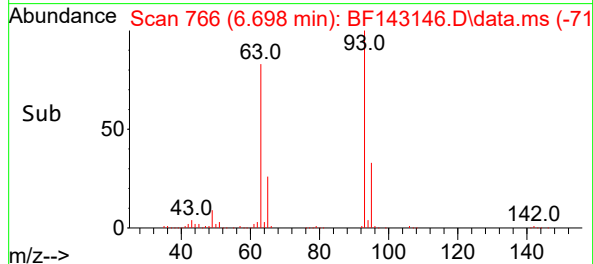
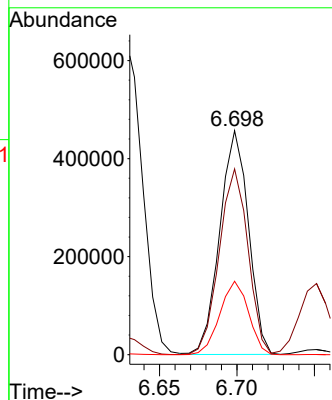
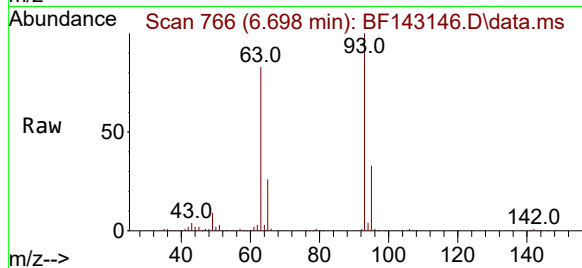
#11
bis(2-Chloroethyl)ether
Concen: 57.918 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 58849
Ion Ratio Lower Upper
93 100
63 82.9 63.4 103.4
95 32.8 12.4 52.4

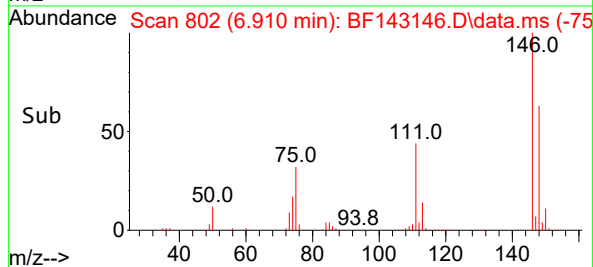
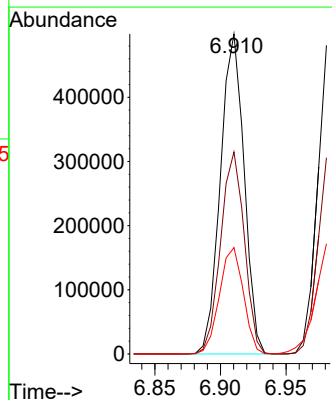
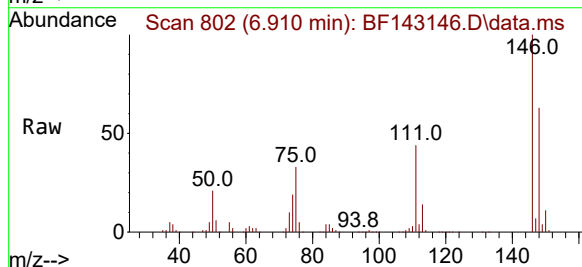
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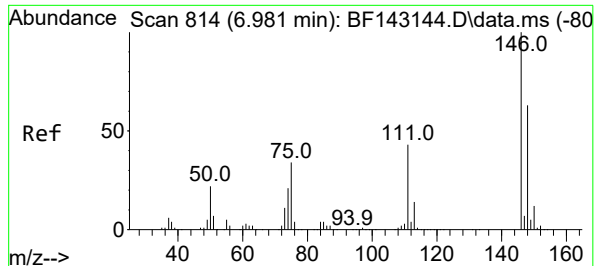
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 56.769 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:146 Resp: 625605
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 33.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 56.171 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 623375

Ion Ratio Lower Upper

146 100

148 63.6 50.3 75.5

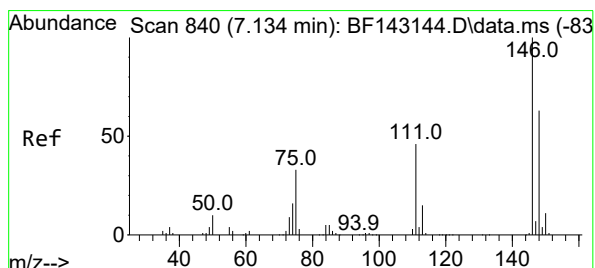
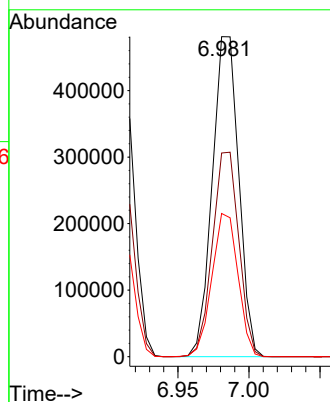
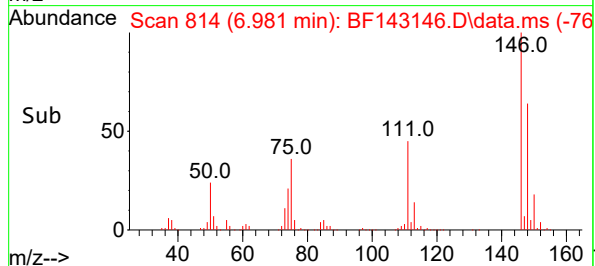
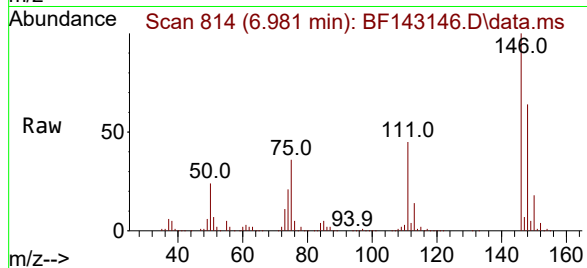
111 44.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 56.708 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

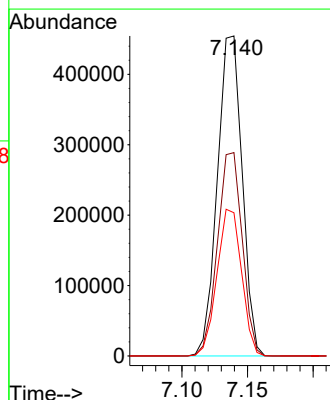
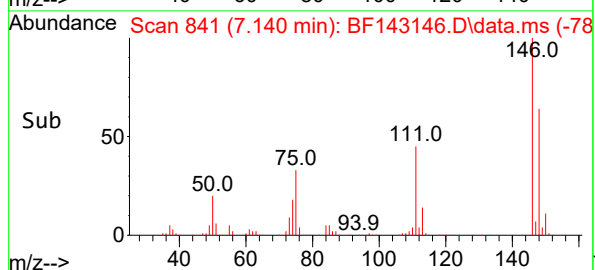
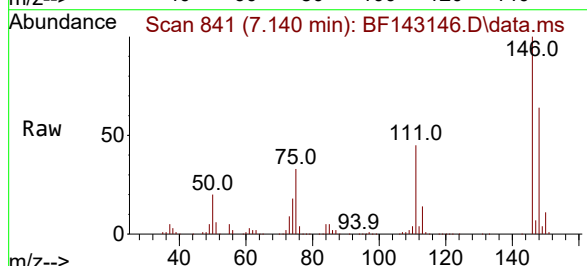
Tgt Ion:146 Resp: 598571

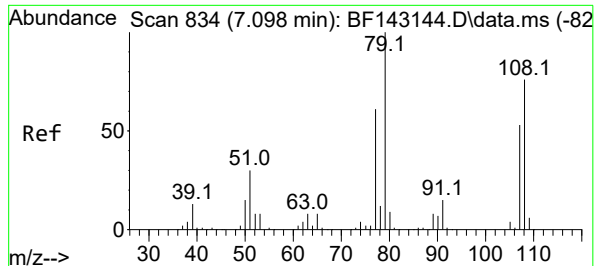
Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 44.8 36.6 54.8





#15

Benzyl Alcohol

Concen: 58.934 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 54815

Ion Ratio Lower Upper

79 100

108 74.2 61.1 91.7

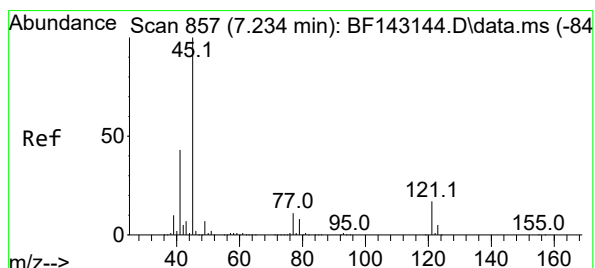
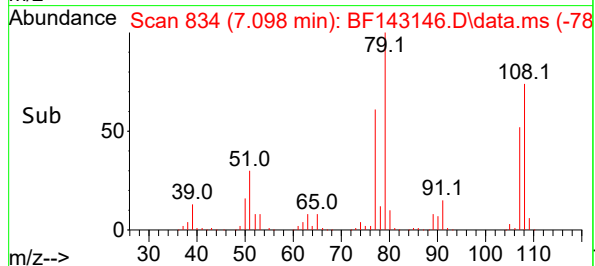
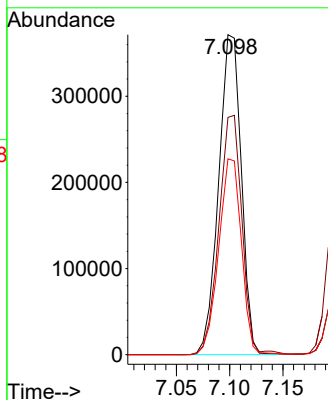
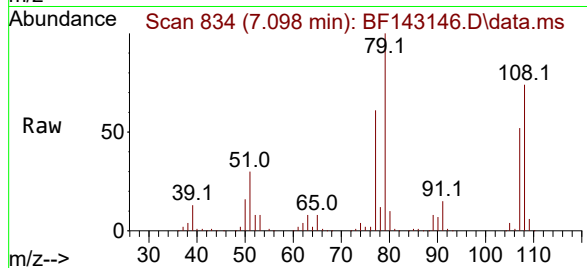
77 61.2 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.120 ng

RT: 7.240 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

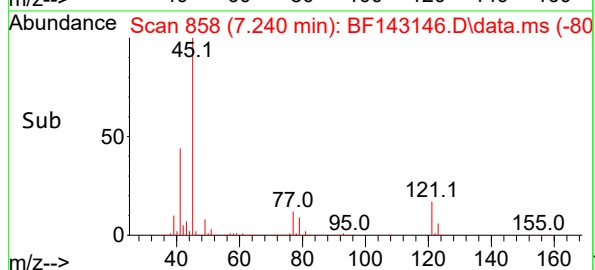
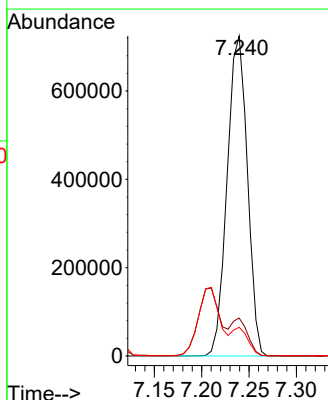
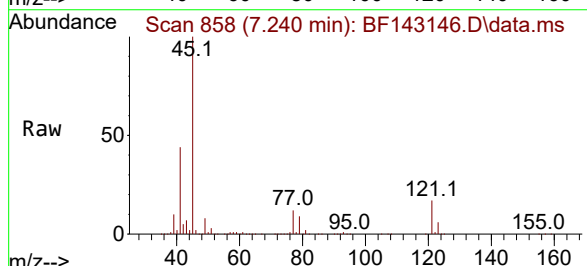
Tgt Ion: 45 Resp: 1076628

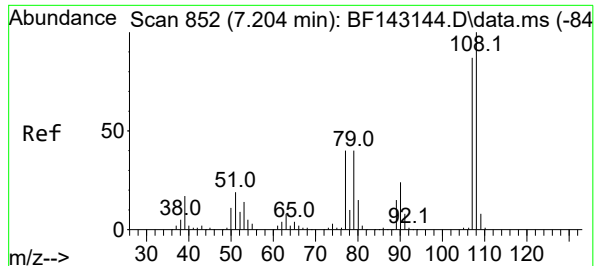
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

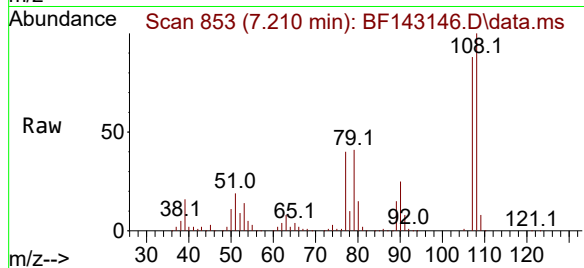
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 58.393 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

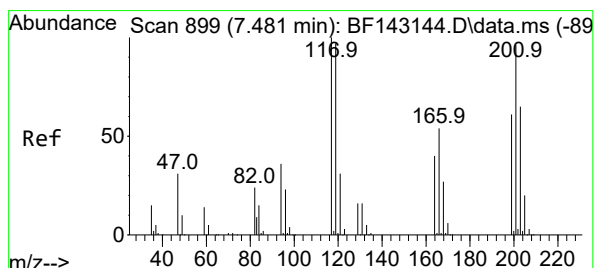
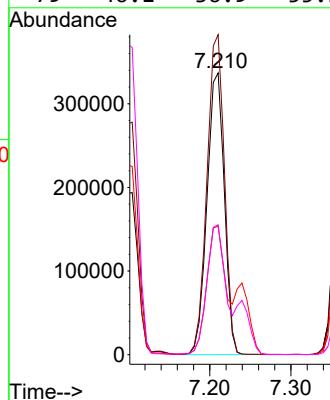
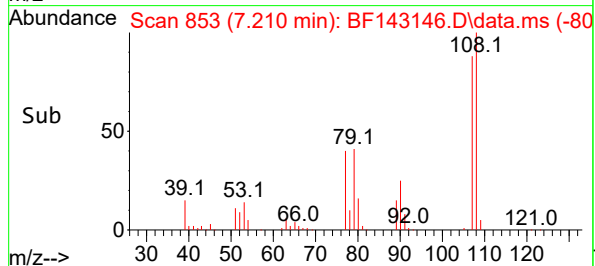
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 49807
Ion Ratio Lower Upper
107 100
108 113.6 91.8 137.6
77 45.6 37.0 55.6
79 46.1 36.9 55.3

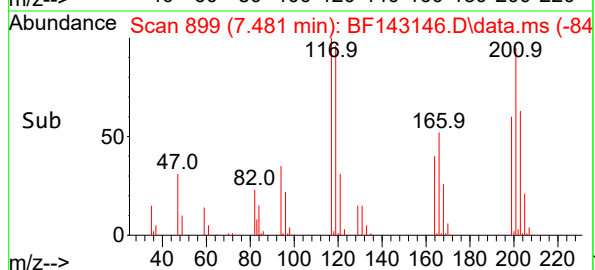
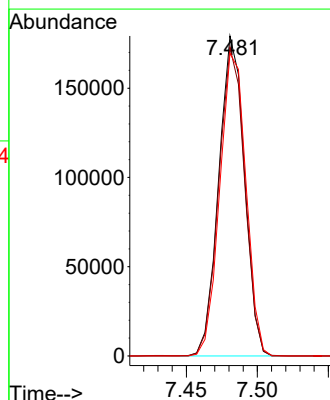
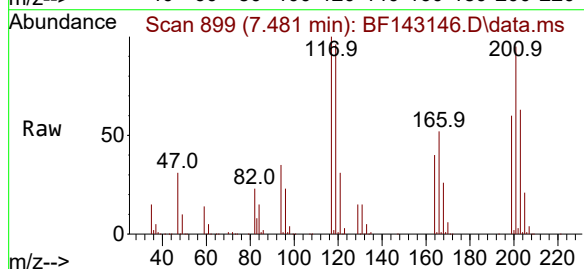
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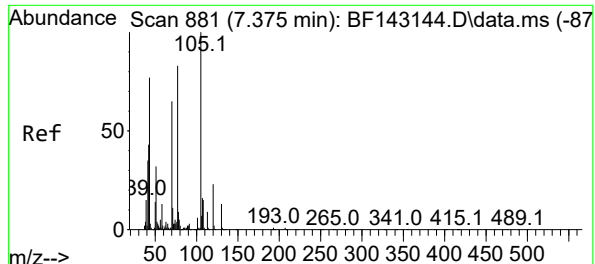
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 58.691 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:117 Resp: 225488
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8
201 94.6 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 56.012 ng

RT: 7.381 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 437750

Ion Ratio Lower Upper

70 100

42 65.7 52.5 78.7

101 9.7 7.6 11.4

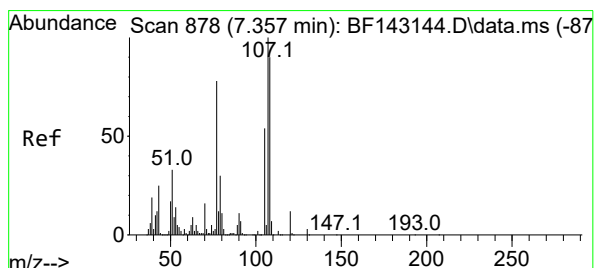
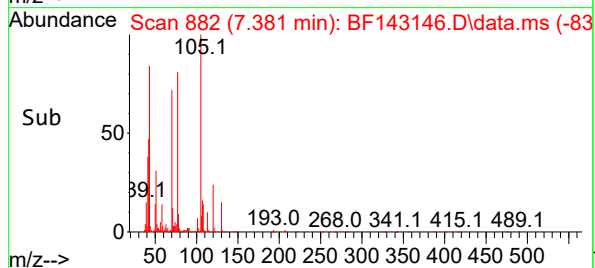
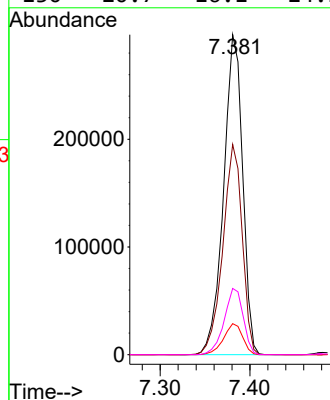
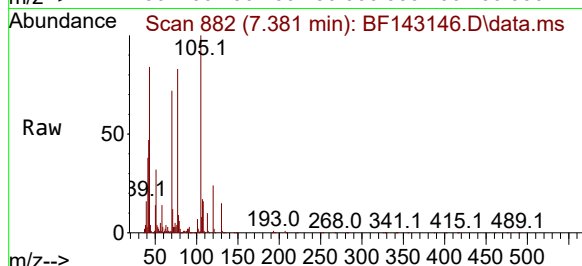
130 20.7 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 56.273 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Tgt Ion:107 Resp: 582354

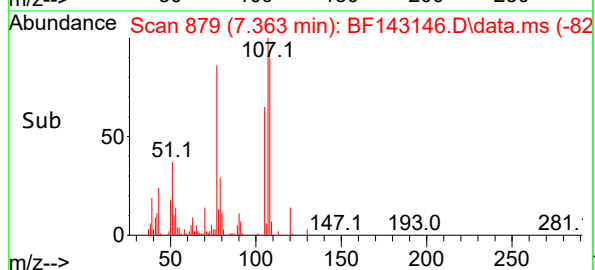
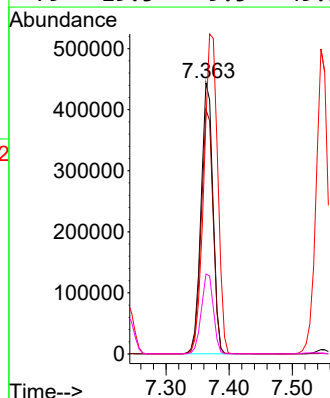
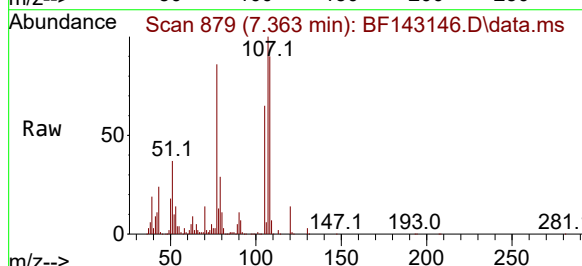
Ion Ratio Lower Upper

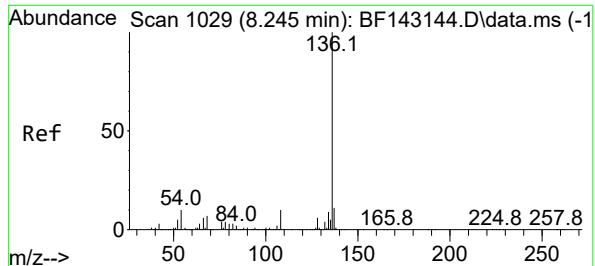
107 100

108 90.1 70.0 110.0

77 86.3 57.8 97.8

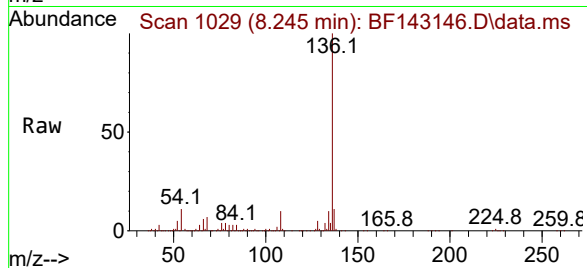
79 29.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

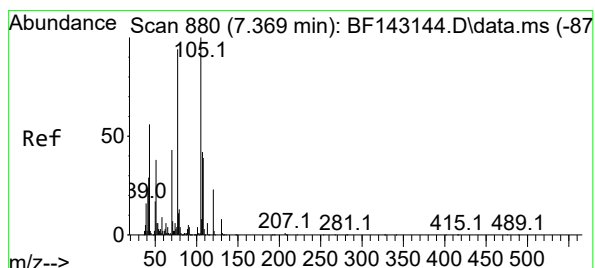
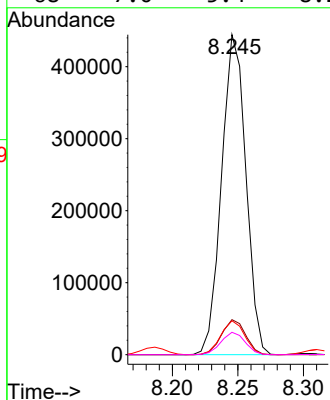
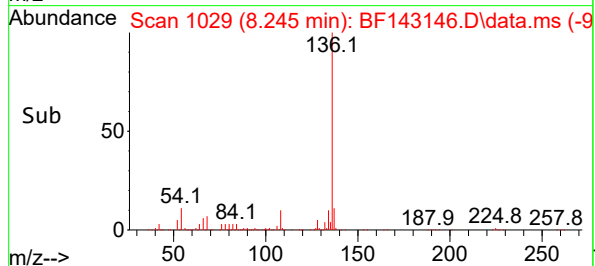
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 57354
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.6 8.2 12.2
68 7.0 5.4 8.2

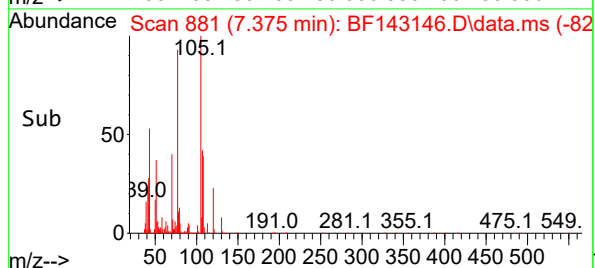
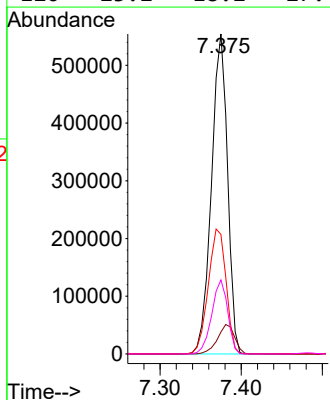
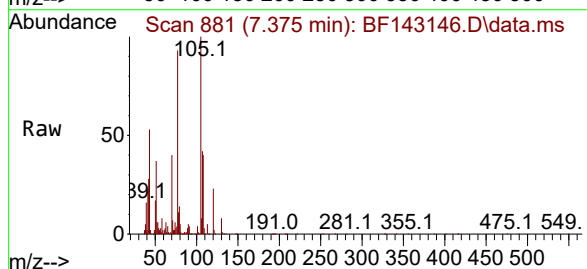
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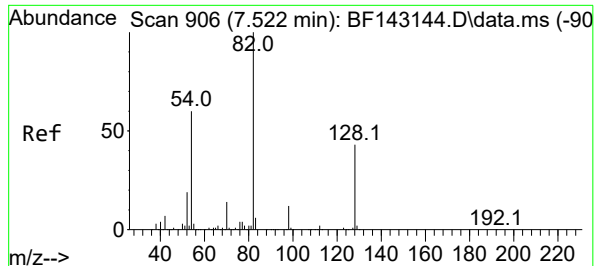
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 56.041 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:105 Resp: 760969
Ion Ratio Lower Upper
105 100
71 6.9 5.8 8.6
51 37.4 30.2 45.2
120 23.2 18.2 27.4





#23

Nitrobenzene-d5

Concen: 118.809 ng

RT: 7.528 min Scan# 906

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1367018

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

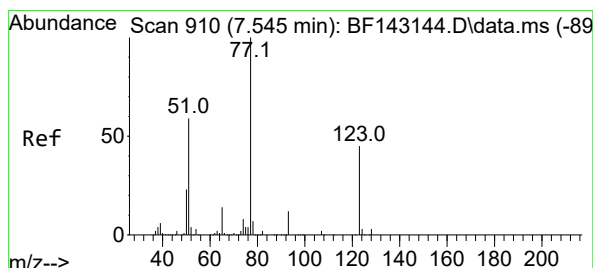
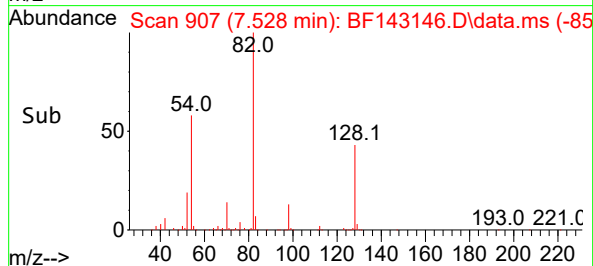
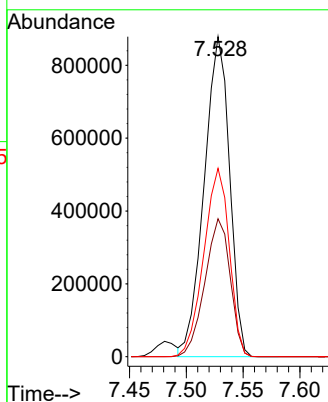
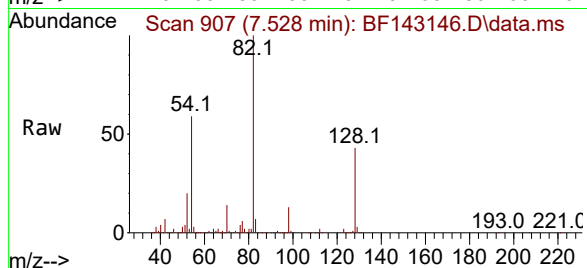
54 58.9 47.1 70.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 59.832 ng

RT: 7.545 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

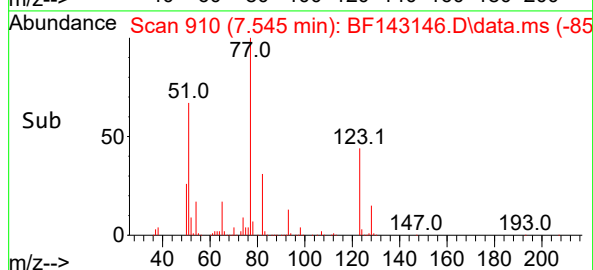
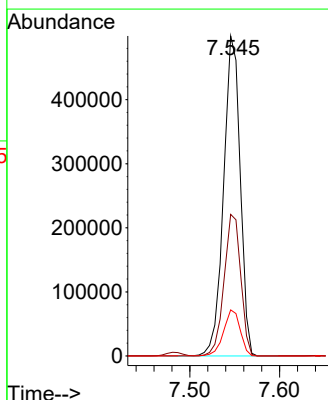
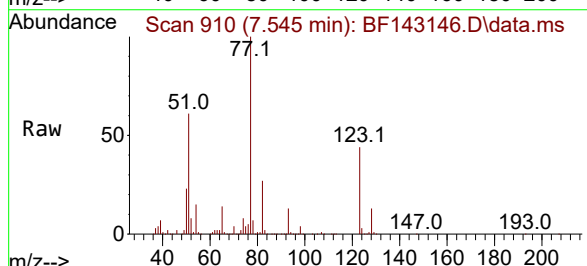
Tgt Ion: 77 Resp: 641832

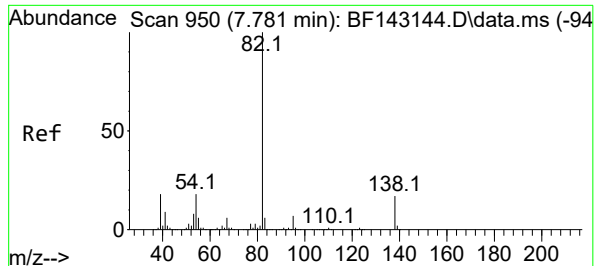
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

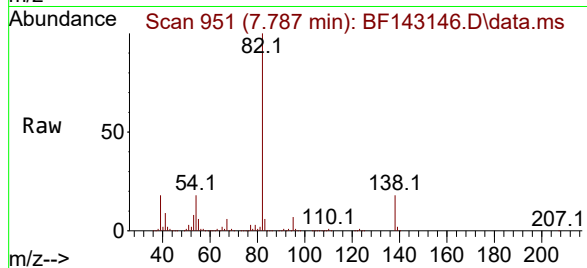
65 14.4 11.4 17.2





#25
Isophorone
Concen: 59.202 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

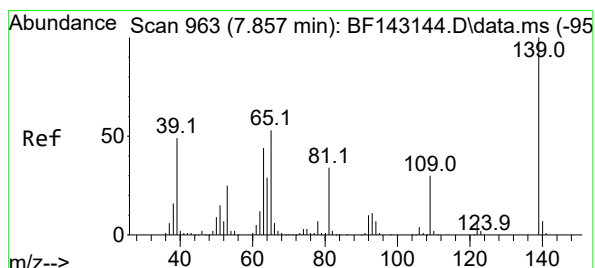
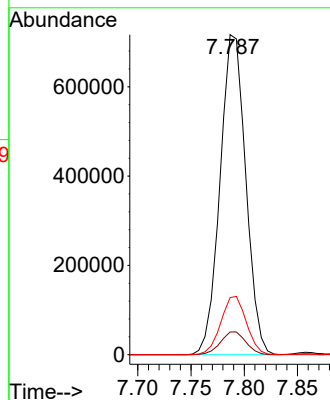
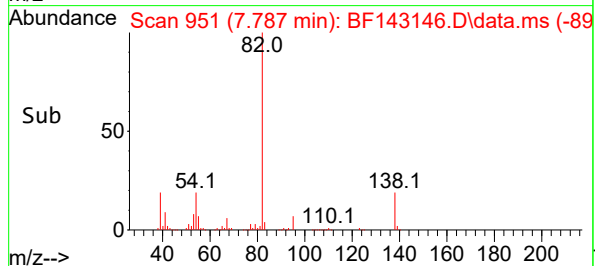
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 1202500
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.8 20.8

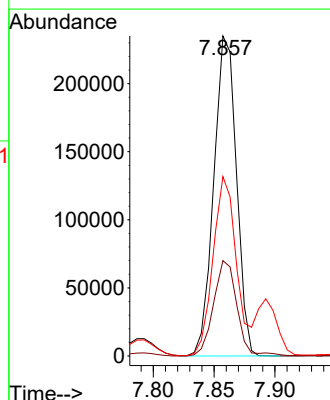
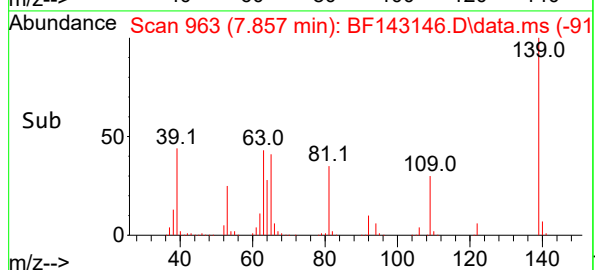
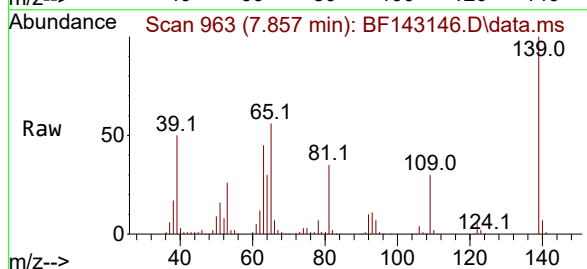
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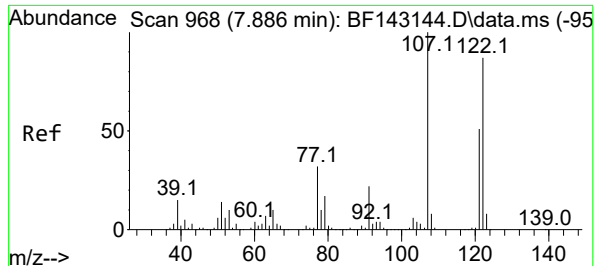
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 65.345 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:139 Resp: 304218
Ion Ratio Lower Upper
139 100
109 29.8 23.6 35.4
65 56.0 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 57.833 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 54882

Ion Ratio Lower Upper

122 100

107 116.0 91.8 137.6

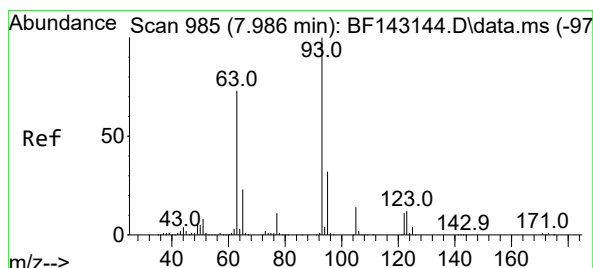
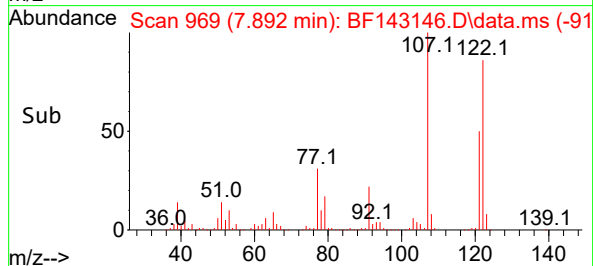
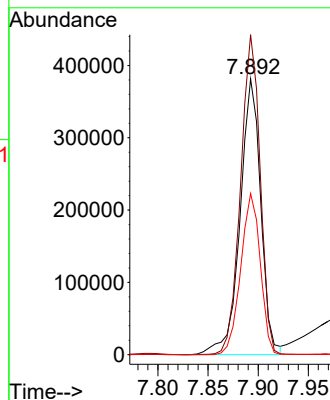
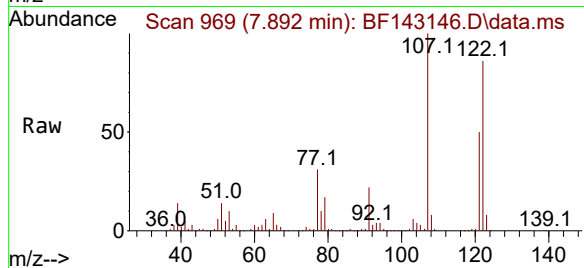
121 58.4 46.3 69.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 57.184 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

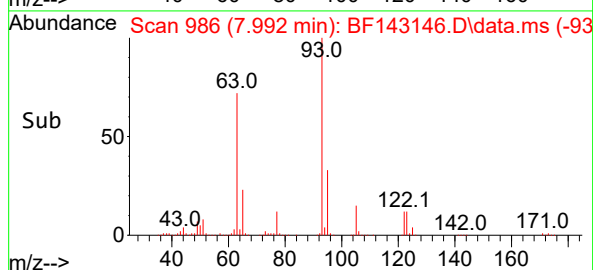
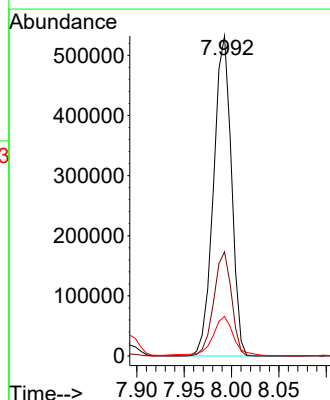
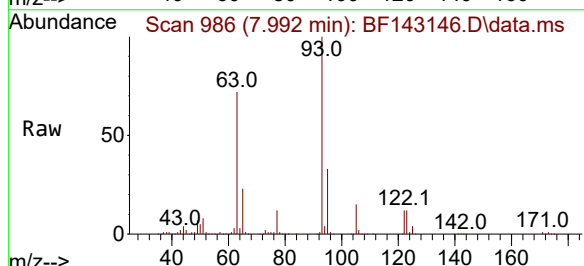
Tgt Ion: 93 Resp: 696403

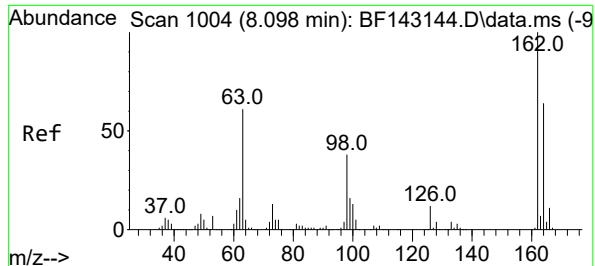
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 58.329 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143146.D

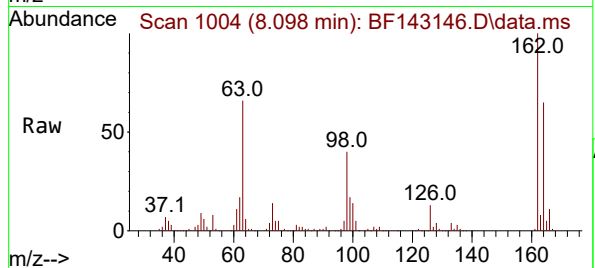
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 466809

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

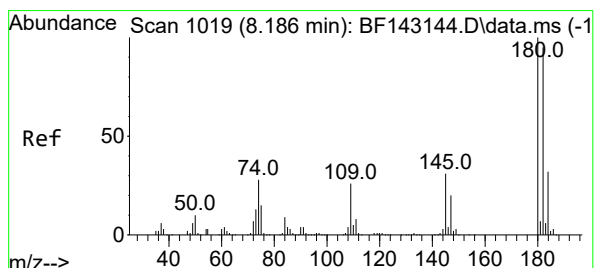
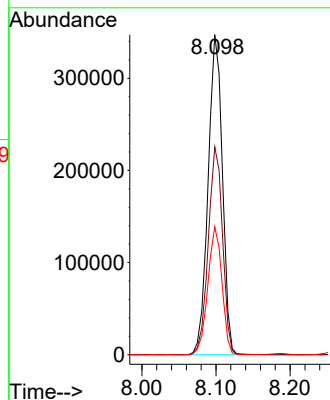
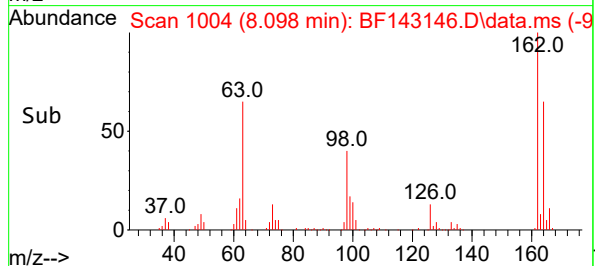
98 39.9 17.9 57.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

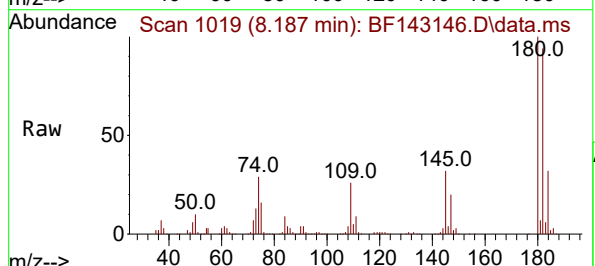
Concen: 57.653 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



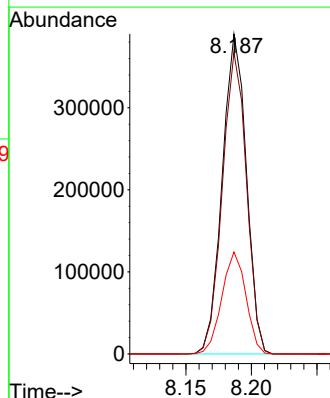
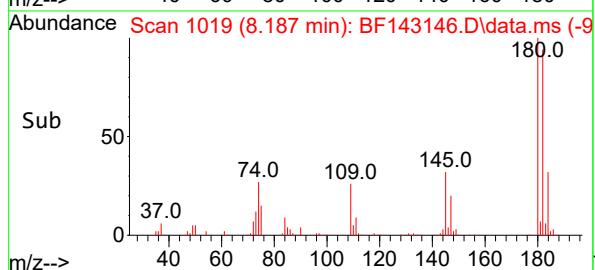
Tgt Ion:180 Resp: 498478

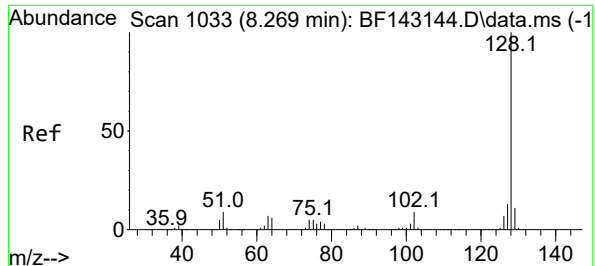
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

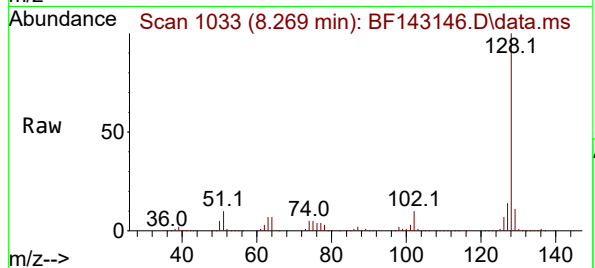
145 31.8 25.0 37.6





#31
Naphthalene
Concen: 55.784 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

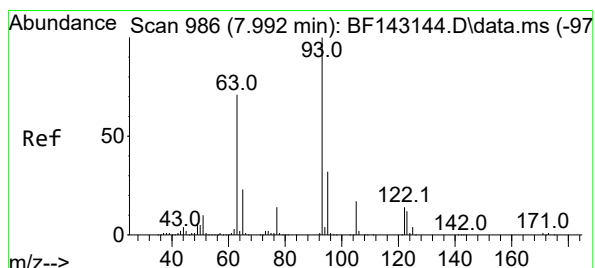
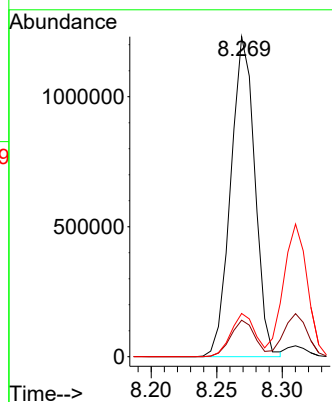
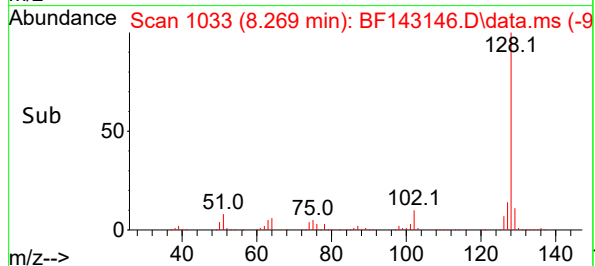
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 1575690
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.5 10.6 16.0

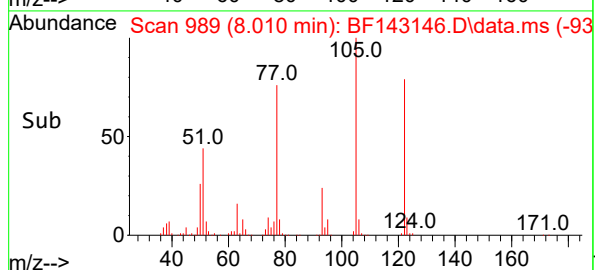
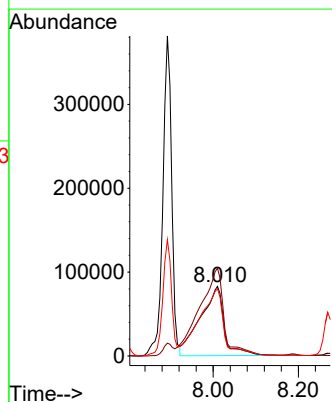
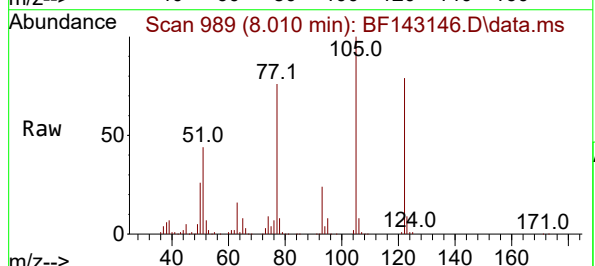
Manual Integrations
APPROVED

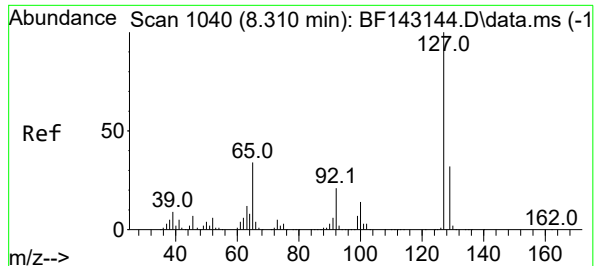
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 58.961 ng
RT: 8.010 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

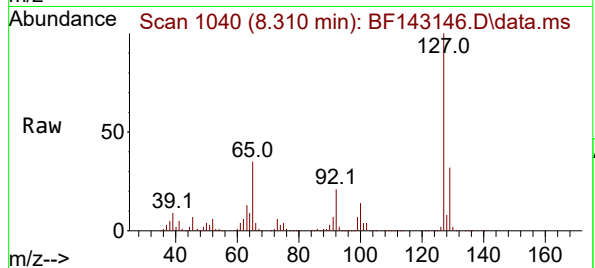
Tgt Ion:122 Resp: 321703
Ion Ratio Lower Upper
122 100
105 126.3 104.8 144.8
77 96.5 77.6 117.6





#33
4-Chloroaniline
Concen: 57.178 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

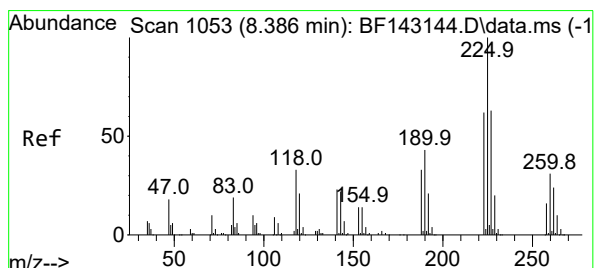
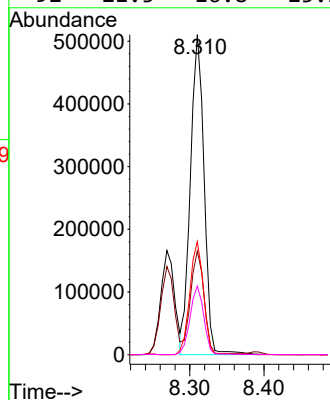
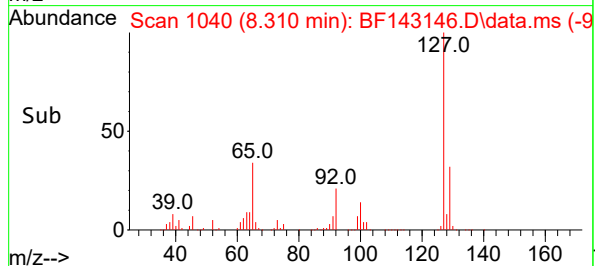
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



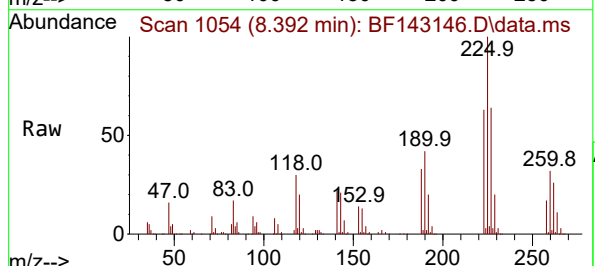
Tgt Ion:127 Resp: 65946
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 35.3 27.4 41.2
92 21.5 16.8 25.2

Manual Integrations
APPROVED

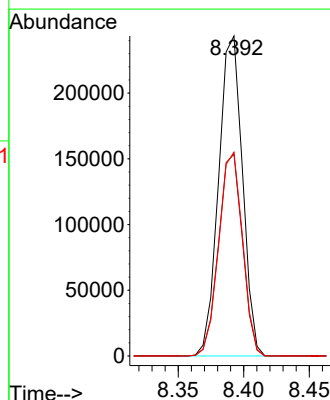
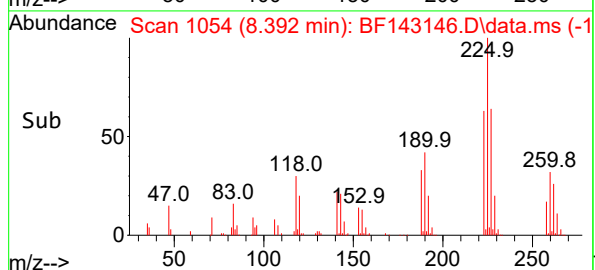
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

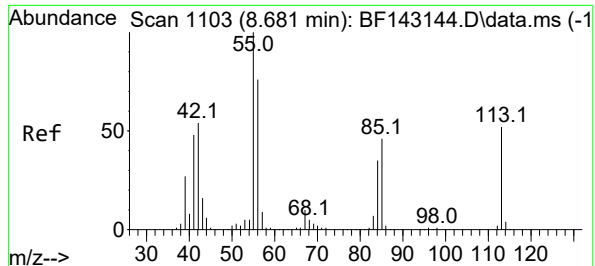


#34
Hexachlorobutadiene
Concen: 58.230 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



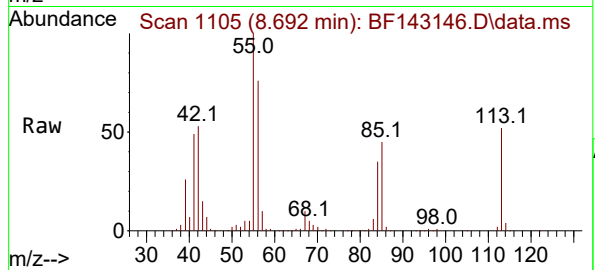
Tgt Ion:225 Resp: 307552
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.6
227 63.7 50.2 75.4





#35
Caprolactam
Concen: 60.327 ng
RT: 8.692 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

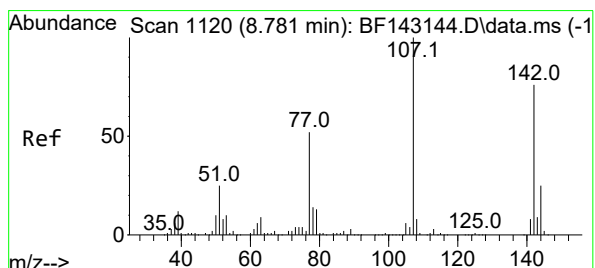
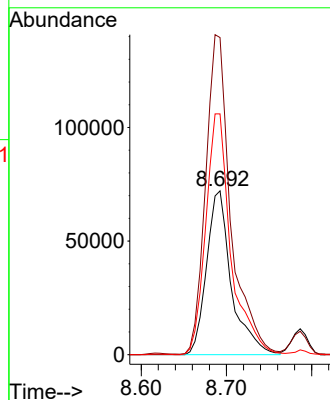
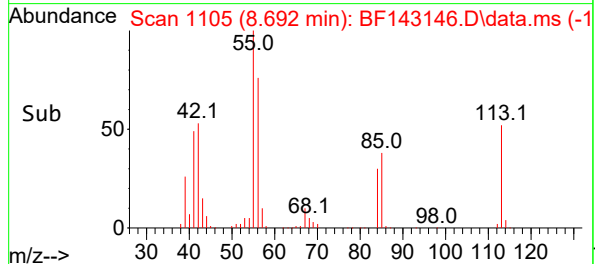
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 145894
Ion Ratio Lower Upper
113 100
55 193.5 174.0 214.0
56 146.9 126.6 166.6

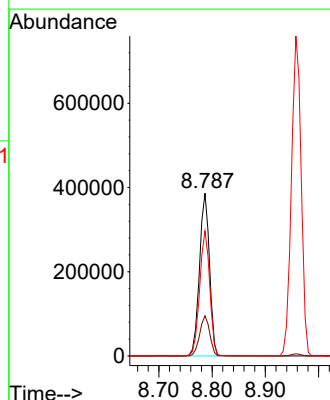
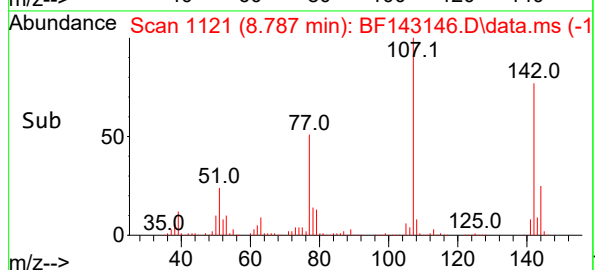
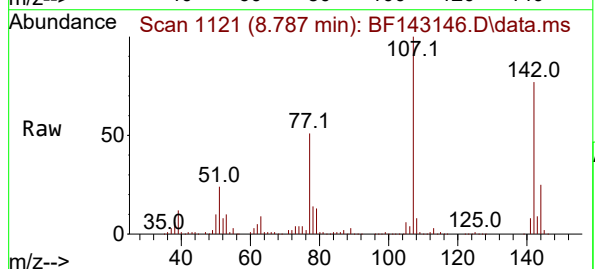
Manual Integrations
APPROVED

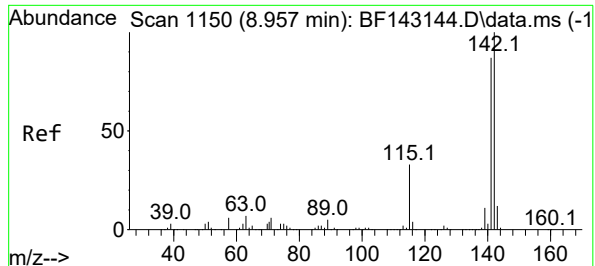
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 58.186 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

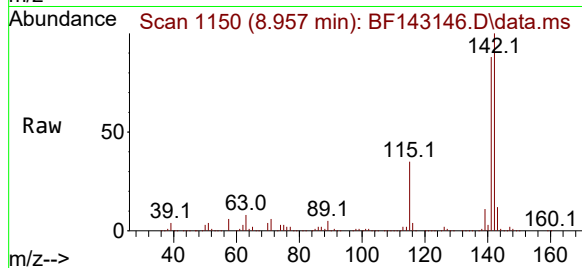
Tgt Ion:107 Resp: 506142
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.6
142 76.9 60.6 90.8





#37
2-Methylnaphthalene
Concen: 56.203 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

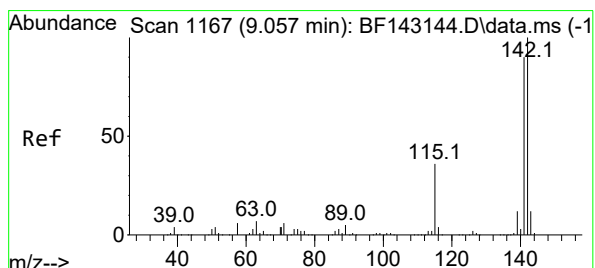
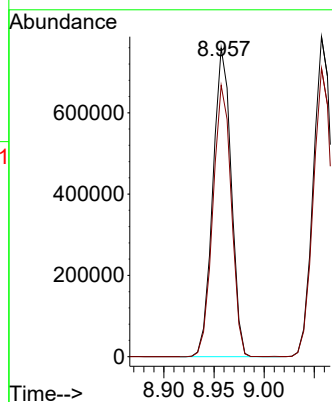
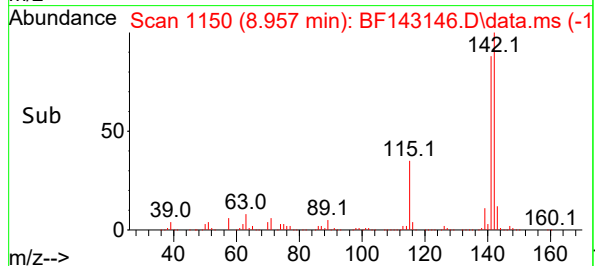
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 96603
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

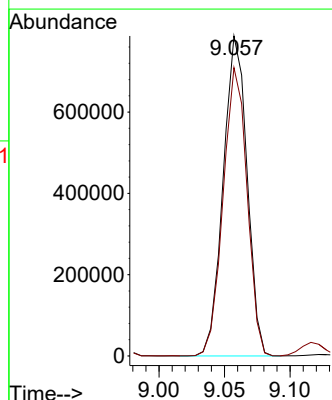
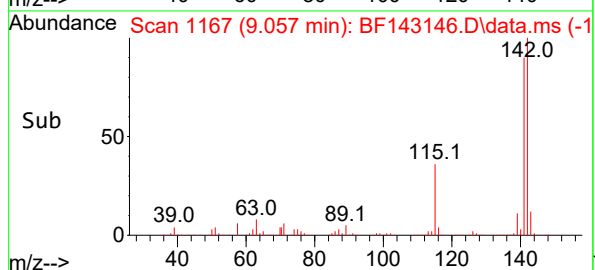
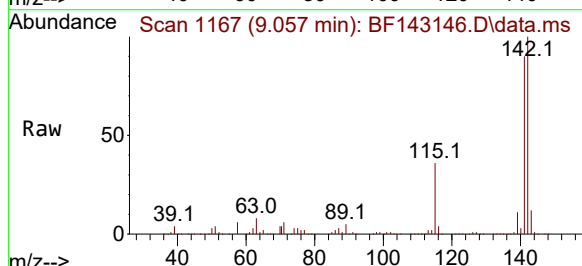
Manual Integrations
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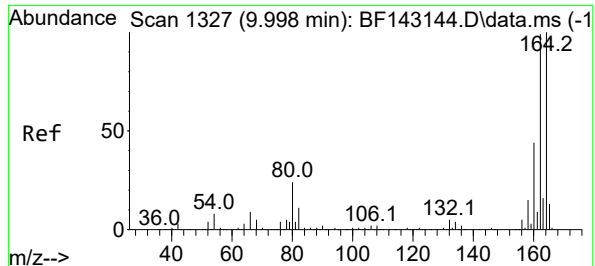
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 56.329 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

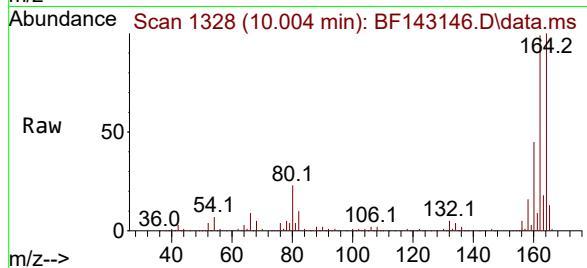
Tgt Ion:142 Resp: 997009
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

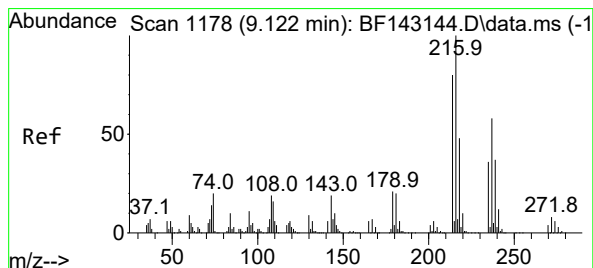
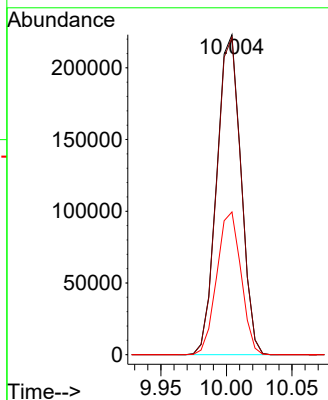
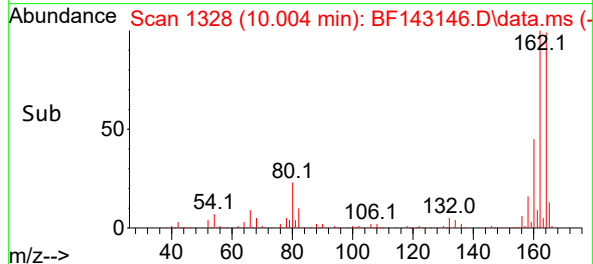
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 286544
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.6
160 44.6 35.1 52.7

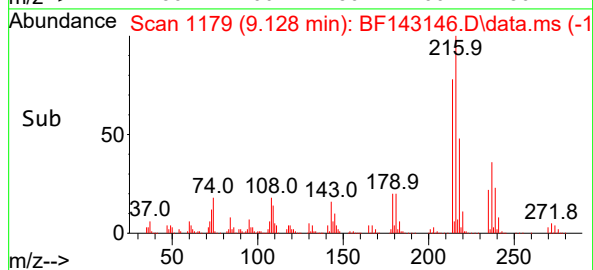
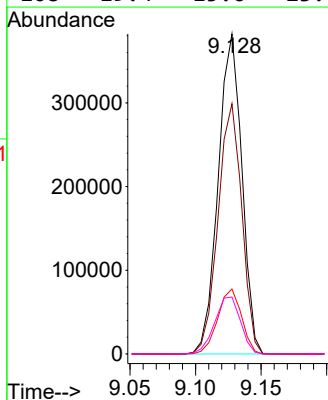
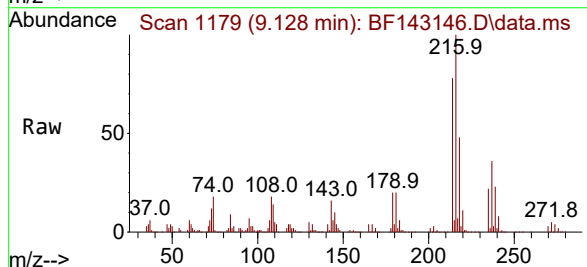
Manual Integrations
APPROVED

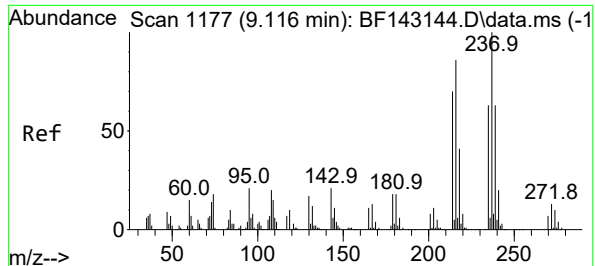
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.955 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

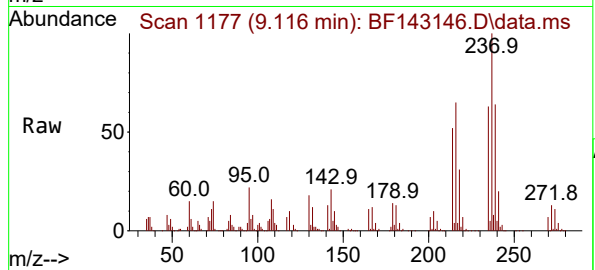
Tgt Ion:216 Resp: 479450
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.8
179 20.4 16.4 24.6
108 19.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 62.761 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

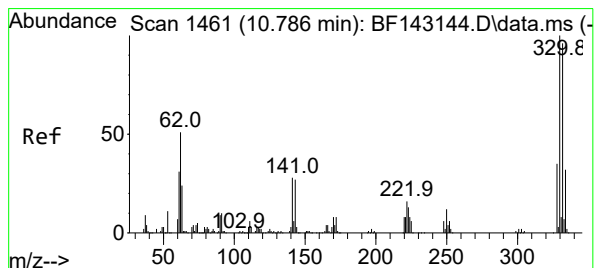
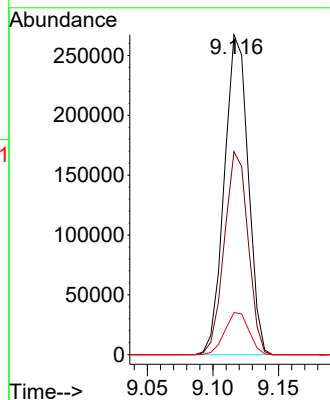
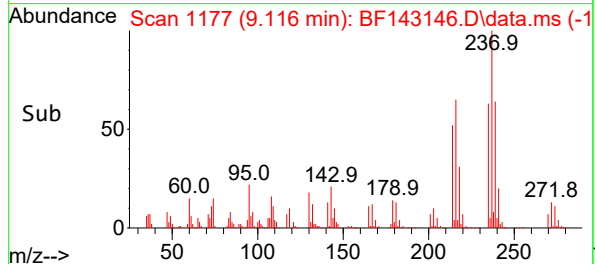
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



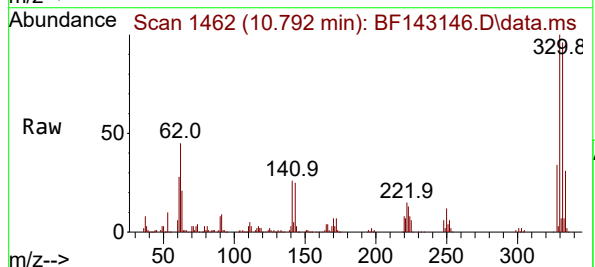
Tgt Ion: 237 Resp: 33783
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.2 0.0 33.3

Manual Integrations
APPROVED

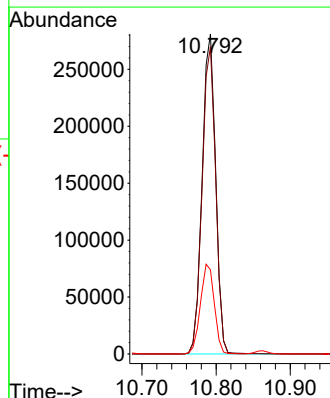
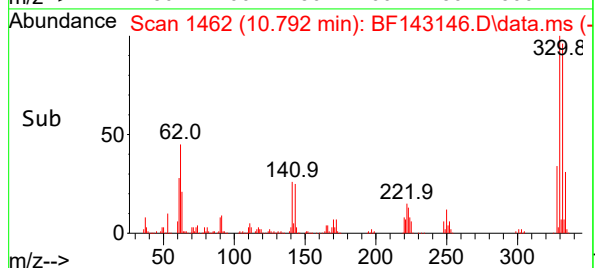
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

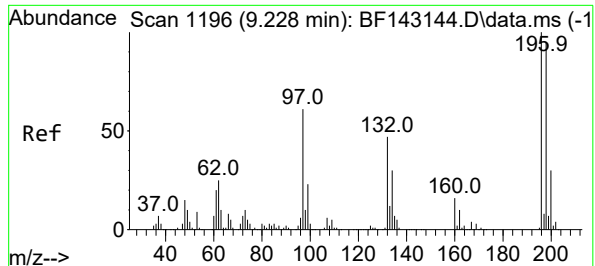


#42
2,4,6-Tribromophenol
Concen: 119.817 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



Tgt Ion: 330 Resp: 354678
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 28.9 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 60.246 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143146.D

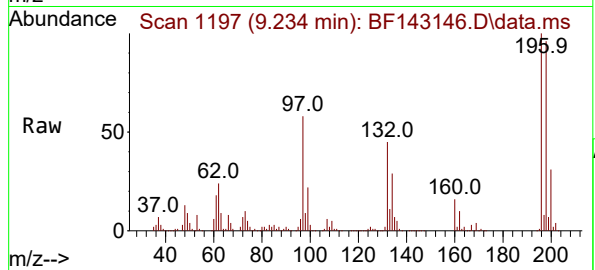
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:196 Resp: 34494

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

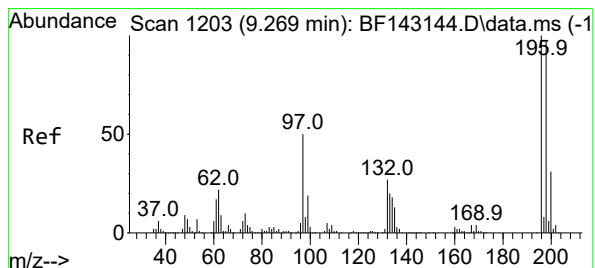
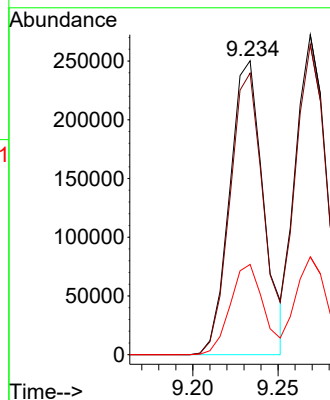
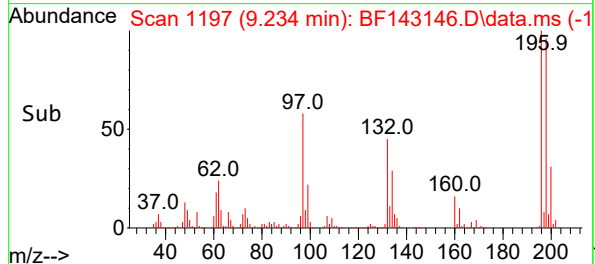
200 30.7 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

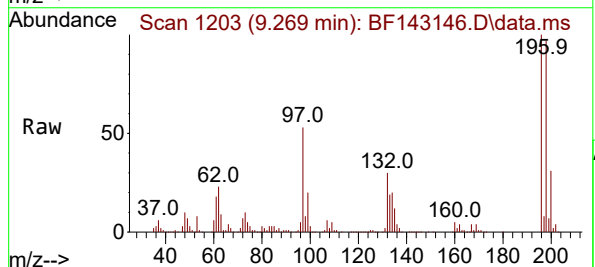
Concen: 59.305 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04



Tgt Ion:196 Resp: 339656

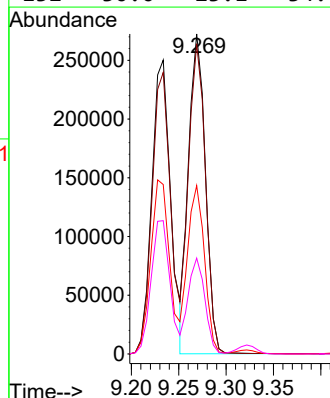
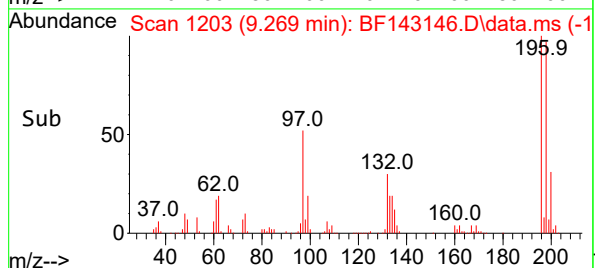
Ion Ratio Lower Upper

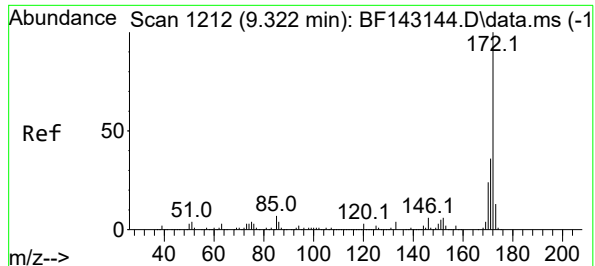
196 100

198 96.9 77.3 115.9

97 52.6 40.3 60.5

132 30.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 108.558 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:172 Resp: 2274500

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

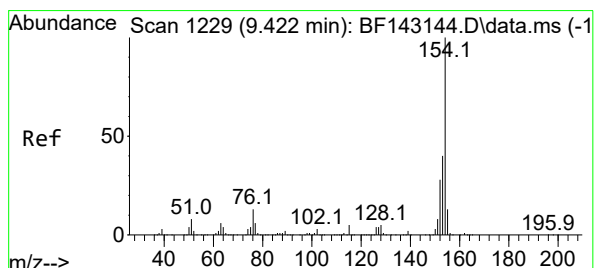
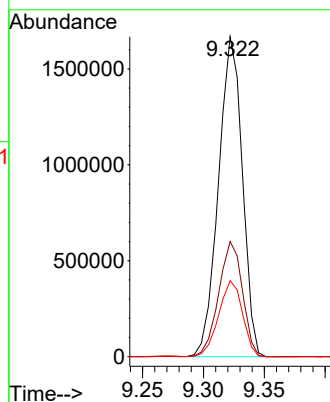
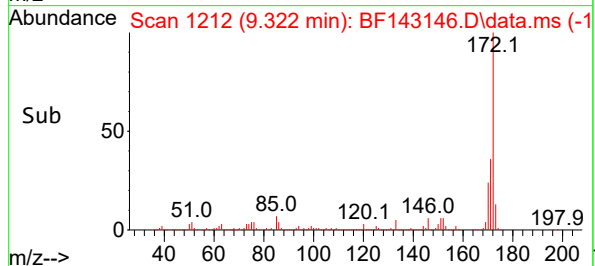
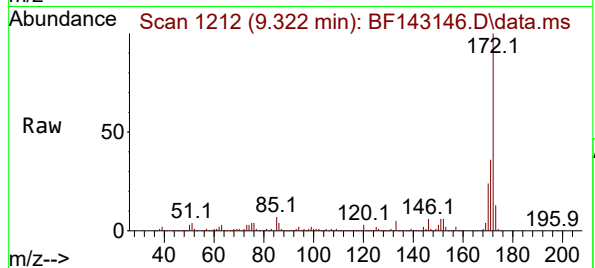
170 23.7 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 56.610 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

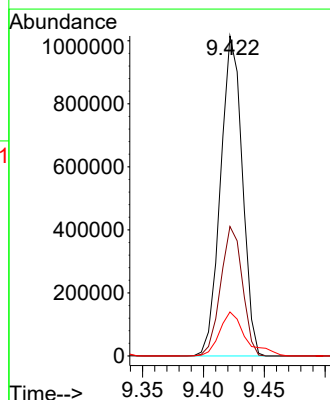
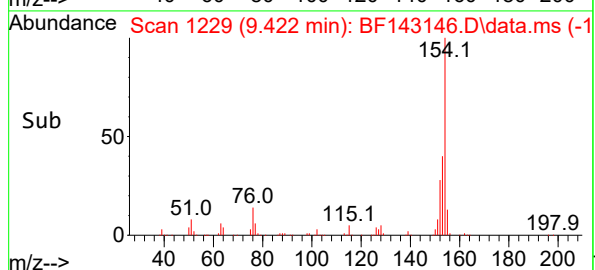
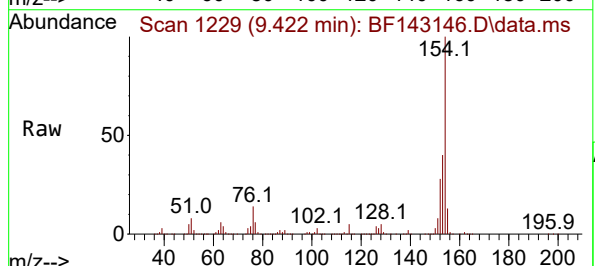
Tgt Ion:154 Resp: 1265588

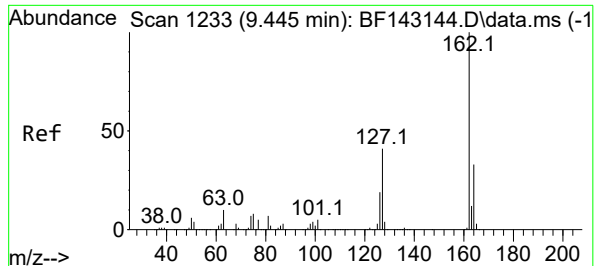
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 57.364 ng

RT: 9.451 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 948912

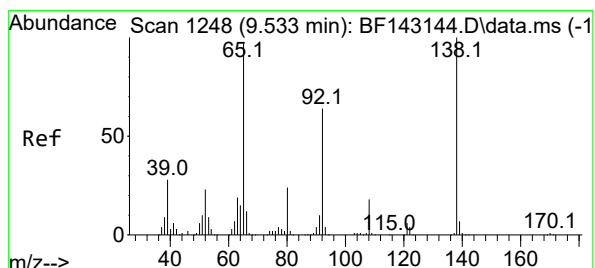
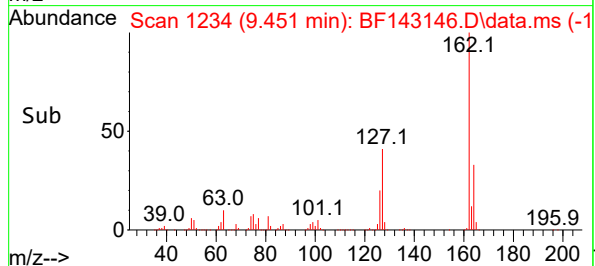
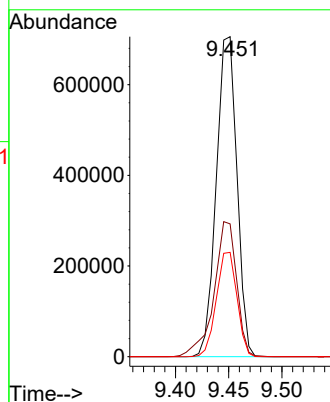
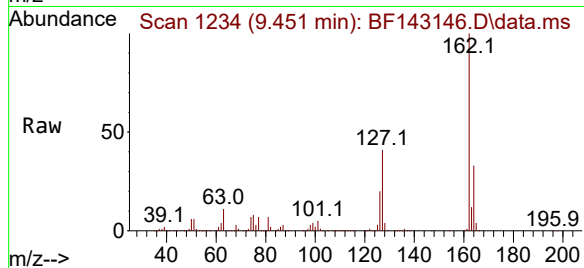
Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.4	50.2
164	32.6	26.2	39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 63.904 ng

RT: 9.534 min Scan# 1248

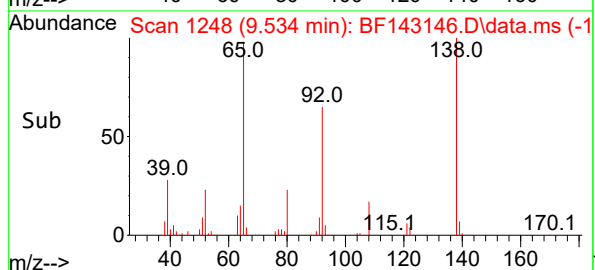
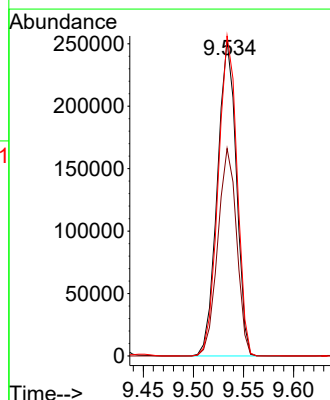
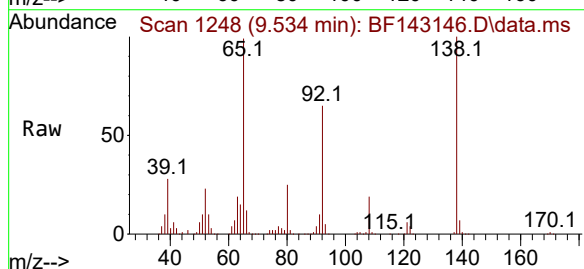
Delta R.T. 0.000 min

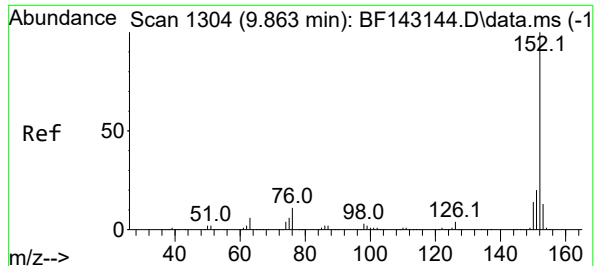
Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Tgt Ion: 65 Resp: 331501

Ion	Ratio	Lower	Upper
65	100		
92	65.8	52.4	78.6
138	101.5	82.3	123.5





#49

Acenaphthylene

Concen: 56.860 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 1576240

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

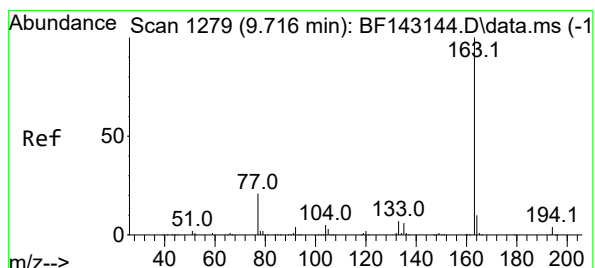
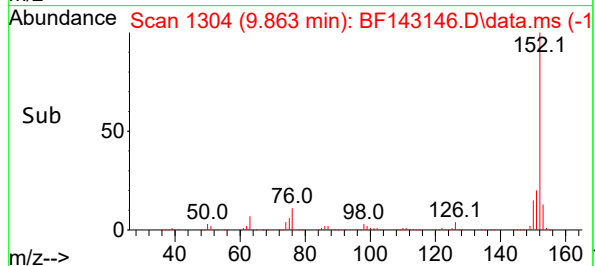
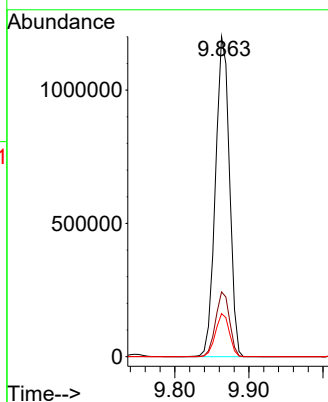
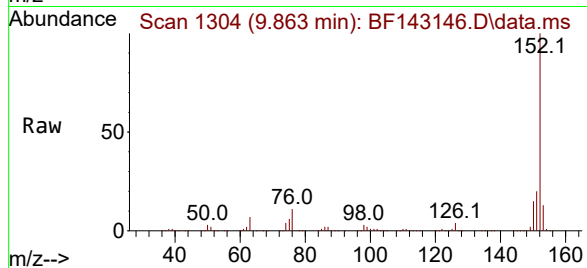
153 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 57.558 ng

RT: 9.722 min Scan# 1280

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

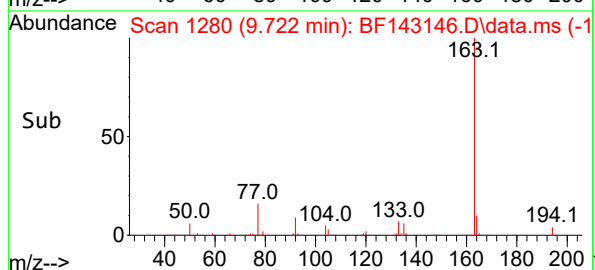
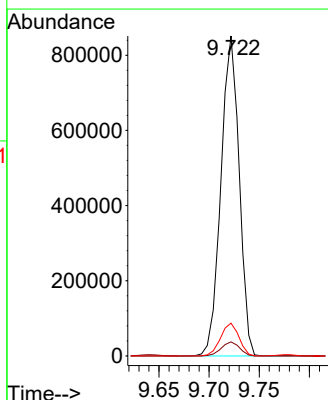
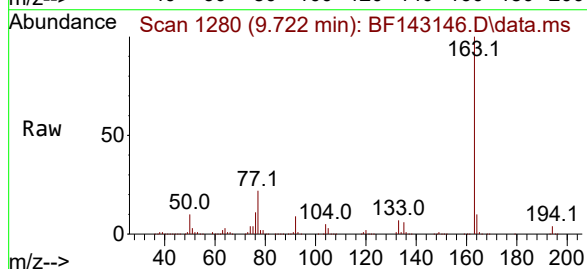
Tgt Ion:163 Resp: 1075052

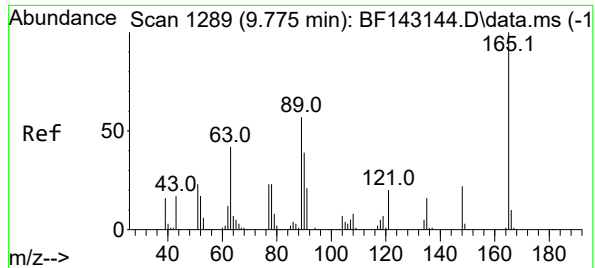
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

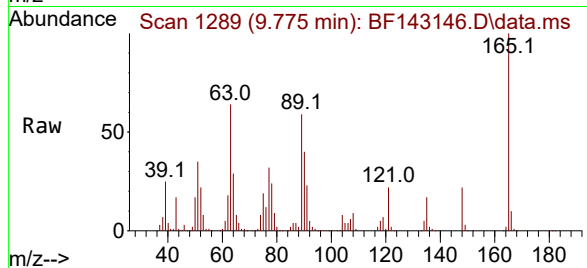
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 62.665 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

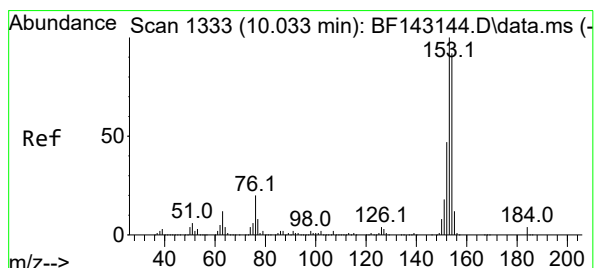
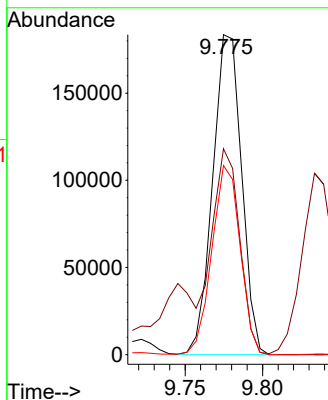
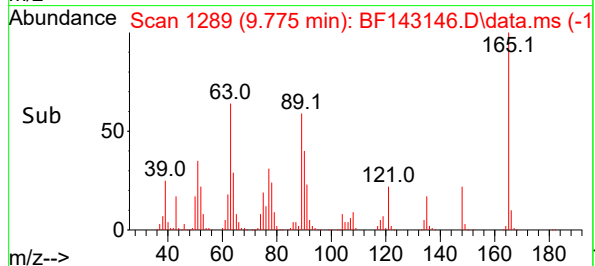
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 23810
Ion Ratio Lower Upper
165 100
63 64.4 49.4 74.2
89 59.1 46.2 69.2

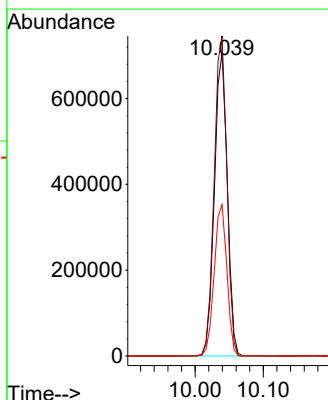
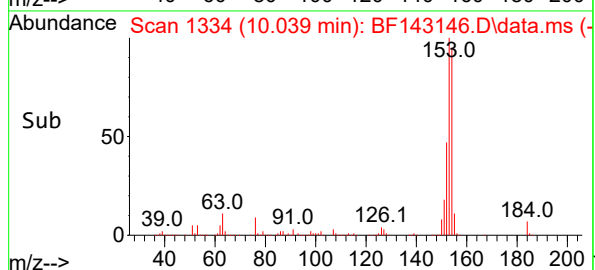
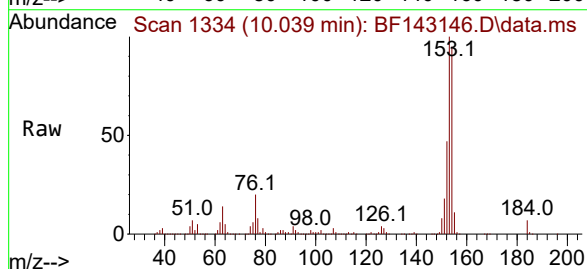
Manual Integrations
APPROVED

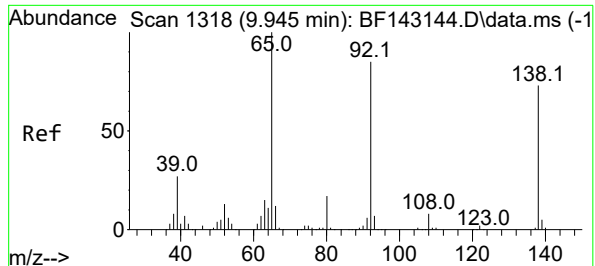
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 56.814 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

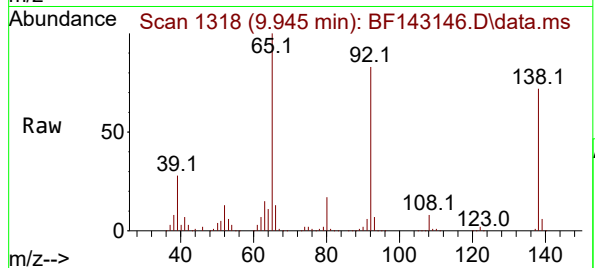
Tgt Ion:154 Resp: 930883
Ion Ratio Lower Upper
154 100
153 105.6 86.6 129.8
152 49.9 40.4 60.6





#53
3-Nitroaniline
Concen: 61.542 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

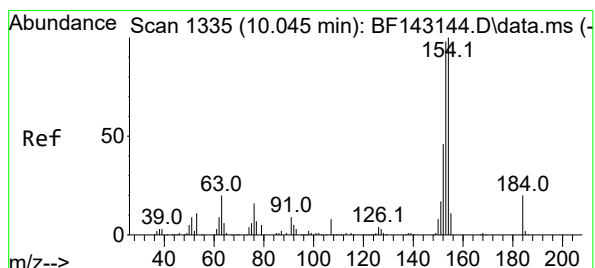
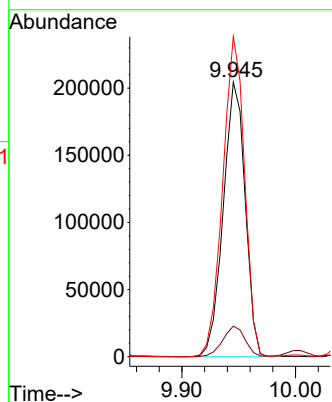
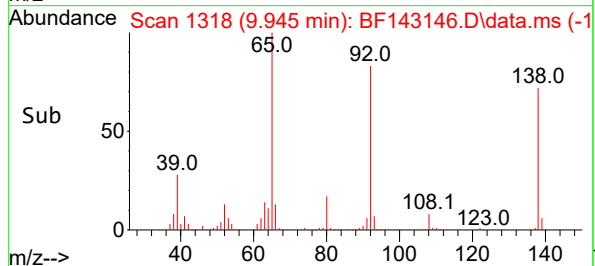
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 273500
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 116.5 93.0 139.4

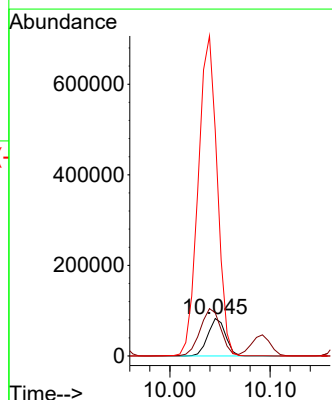
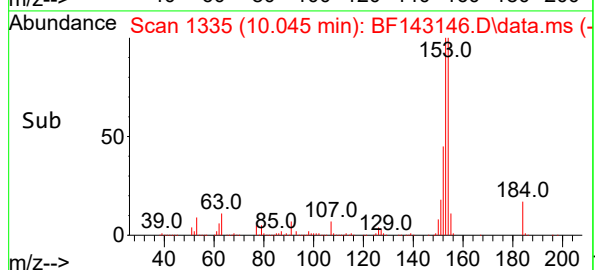
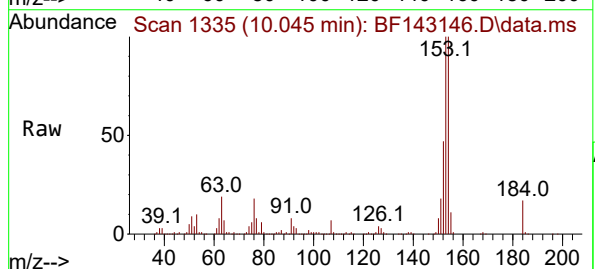
Manual Integrations
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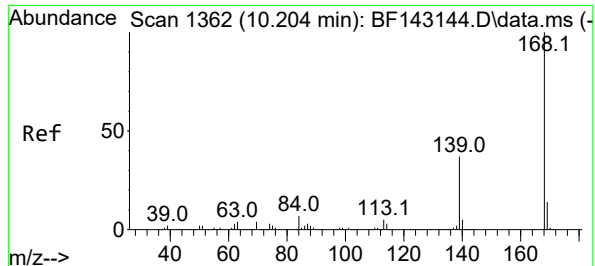
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 60.690 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:184 Resp: 101491
Ion Ratio Lower Upper
184 100
63 115.6 81.8 122.6
154 603.3 412.2 618.4





#55

Dibenzenofuran

Concen: 56.093 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 136453

Ion Ratio Lower Upper

168 100

139 36.7 29.5 44.3

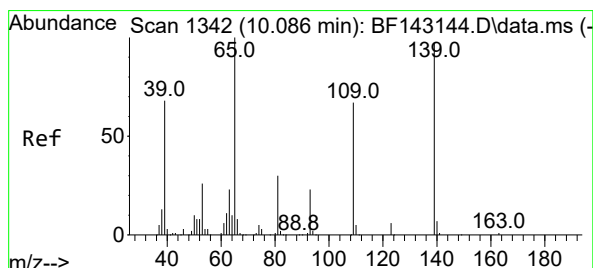
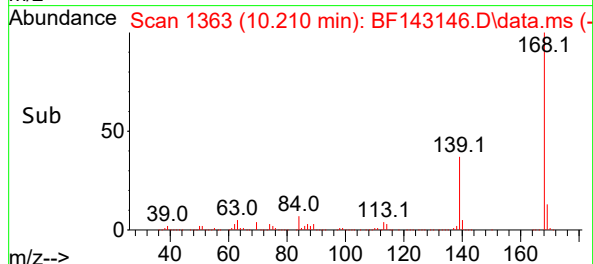
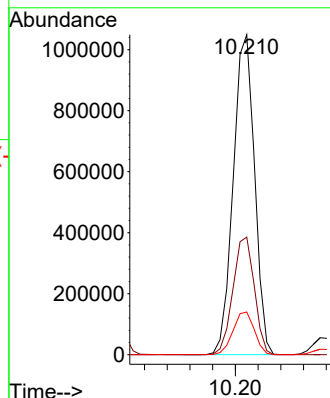
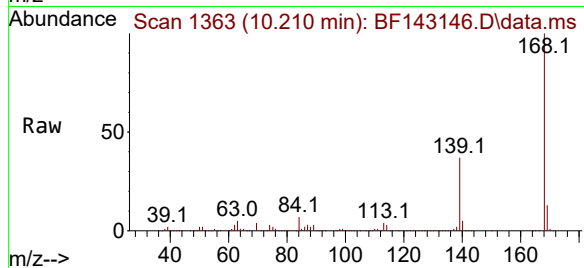
169 13.4 10.9 16.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#56

4-Nitrophenol

Concen: 61.312 ng

RT: 10.092 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

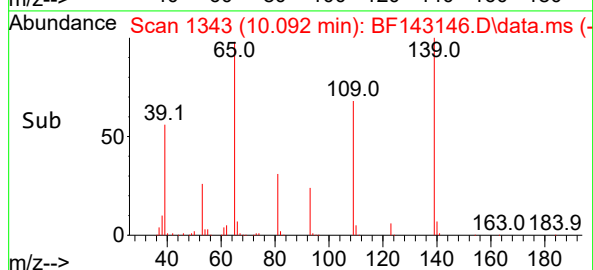
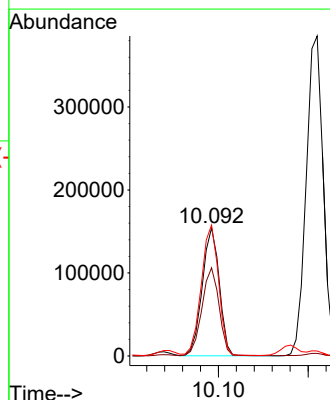
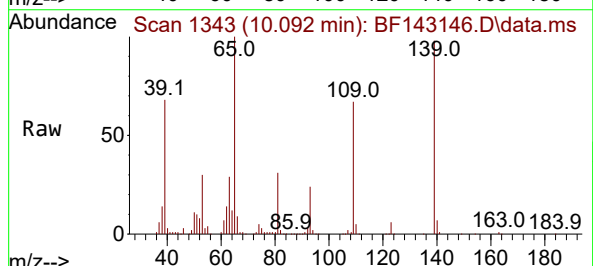
Tgt Ion:139 Resp: 203477

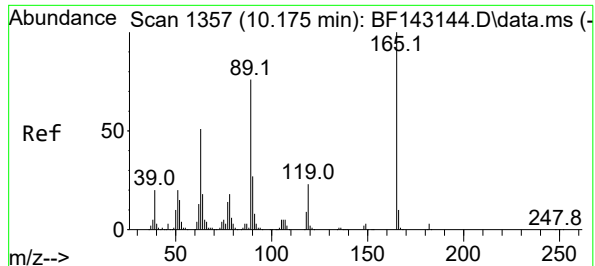
Ion Ratio Lower Upper

139 100

109 68.7 48.5 88.5

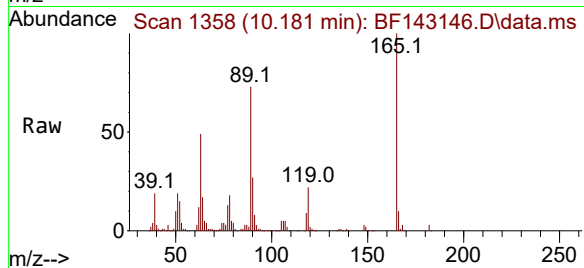
65 102.2 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 63.868 ng
RT: 10.181 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

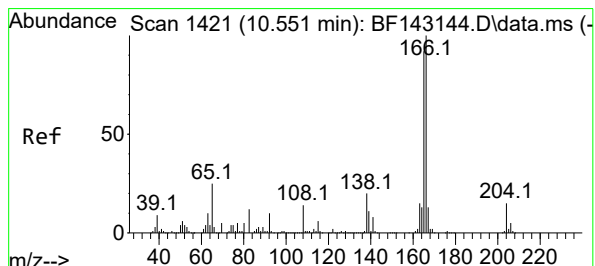
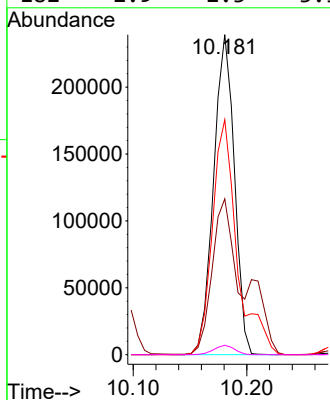
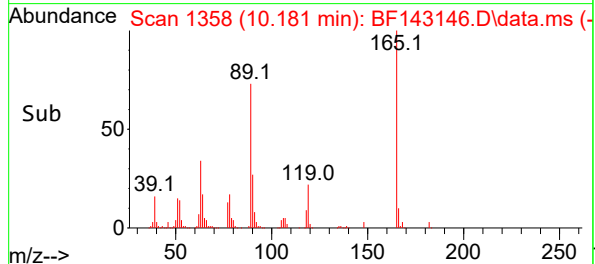
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 304460
Ion Ratio Lower Upper
165 100
63 48.7 41.0 61.4
89 73.4 61.1 91.7
182 2.9 2.3 3.5

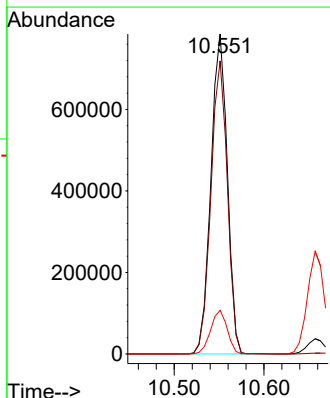
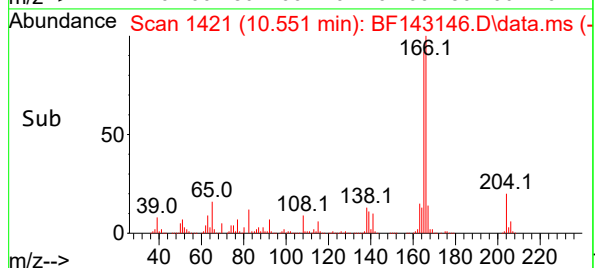
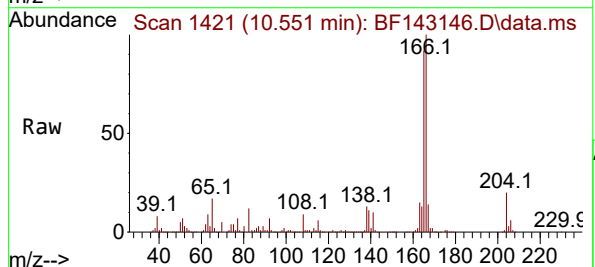
Manual Integrations
APPROVED

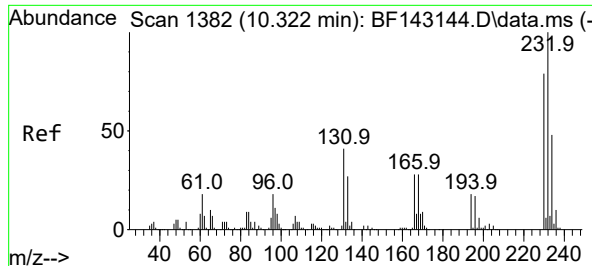
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 54.647 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:166 Resp: 997710
Ion Ratio Lower Upper
166 100
165 91.6 73.7 110.5
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.678 ng

RT: 10.322 min Scan# 1382

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 283124

Ion Ratio Lower Upper

232 100

131 44.2 35.3 52.9

130 2.1 1.7 2.5

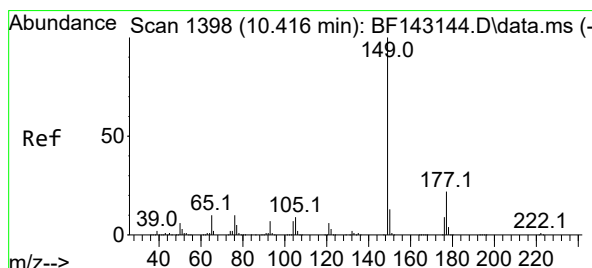
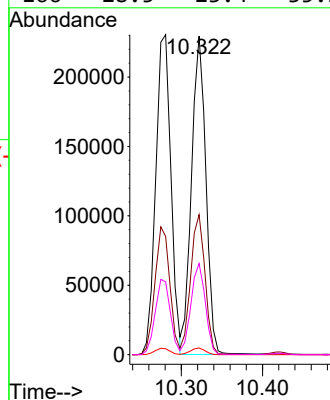
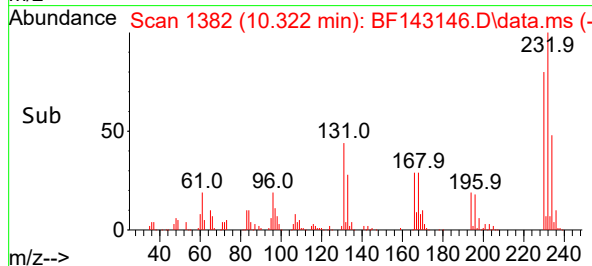
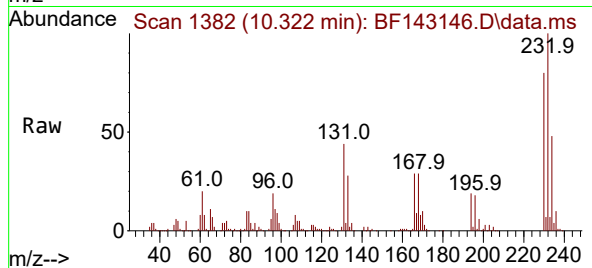
166 28.5 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#60

Diethylphthalate

Concen: 57.301 ng

RT: 10.422 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

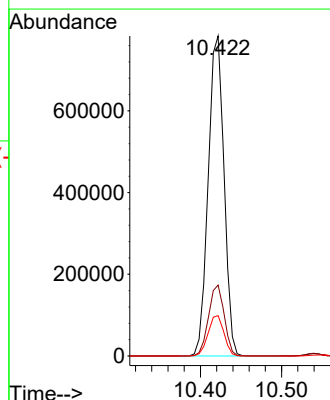
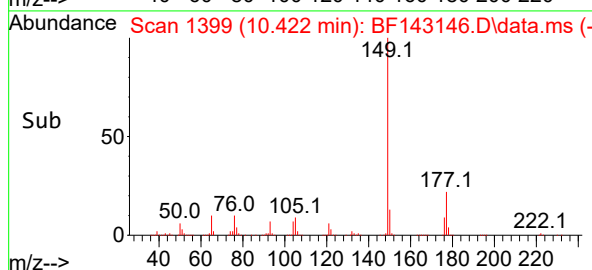
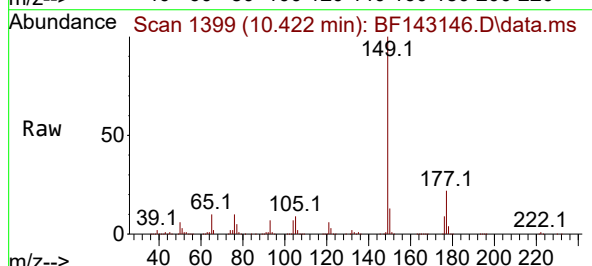
Tgt Ion:149 Resp: 1057851

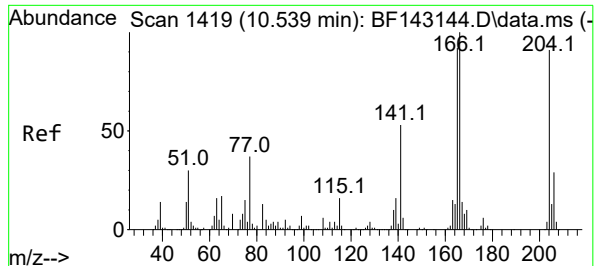
Ion Ratio Lower Upper

149 100

177 22.1 17.5 26.3

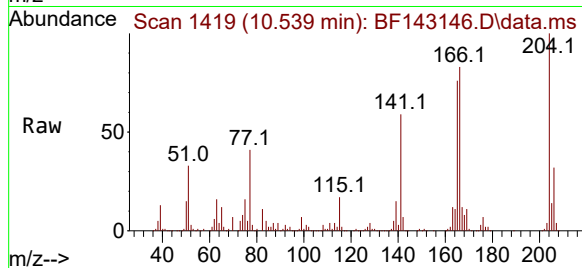
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 56.867 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

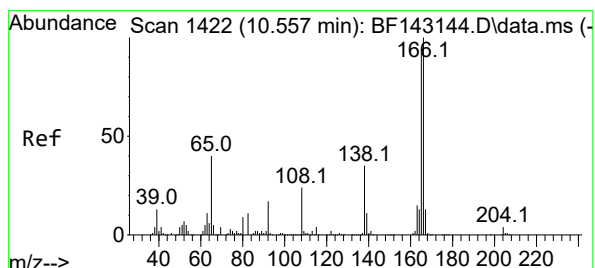
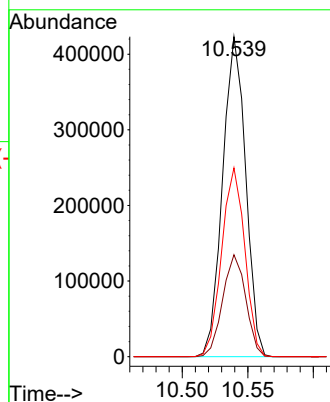
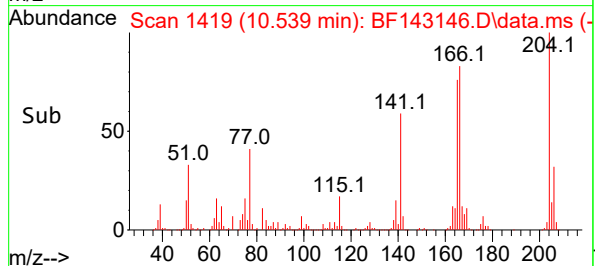
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



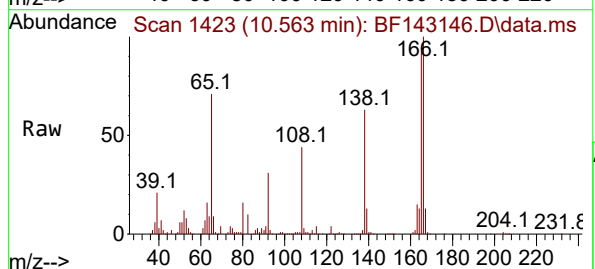
Tgt Ion:204 Resp: 516980
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 59.0 47.0 70.4

Manual Integrations
APPROVED

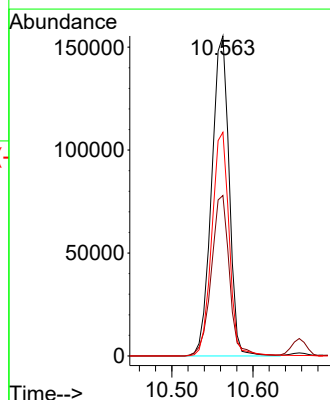
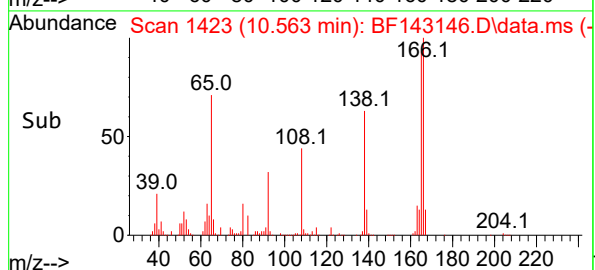
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

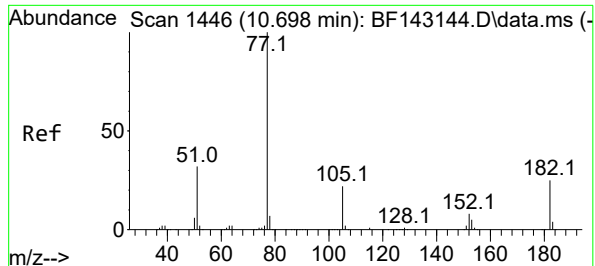


#62
4-Nitroaniline
Concen: 61.037 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



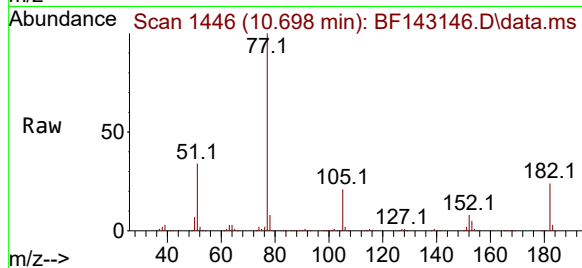
Tgt Ion:138 Resp: 232488
Ion Ratio Lower Upper
138 100
92 50.2 29.3 69.3
108 69.9 48.3 88.3





#63
Azobenzene
Concen: 57.107 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

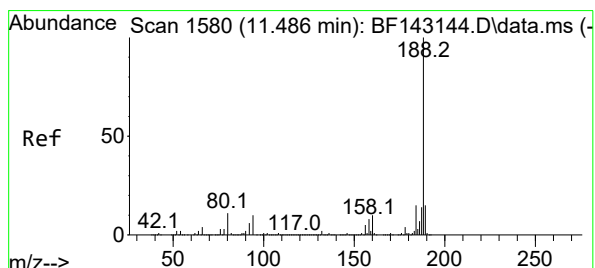
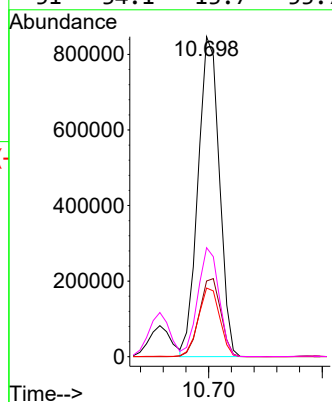
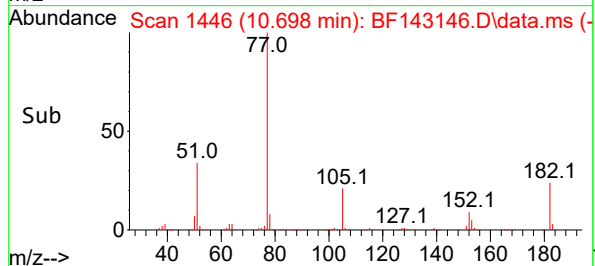
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 1098772
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 21.4 1.4 41.4
51 34.1 13.7 53.7

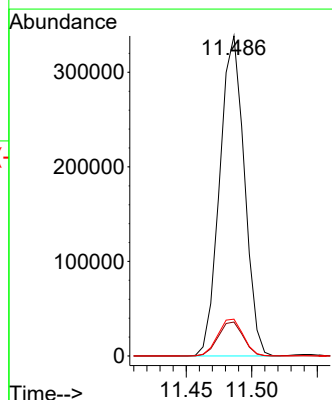
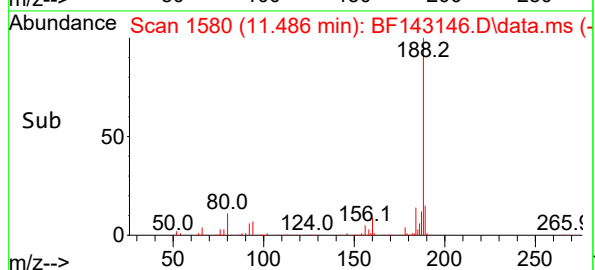
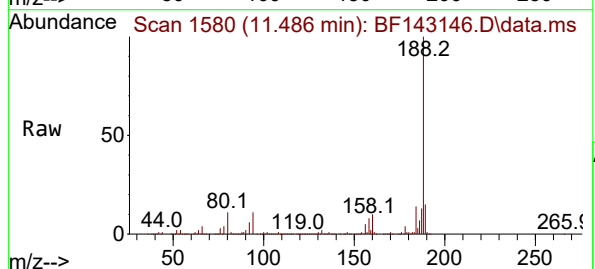
Manual Integrations
APPROVED

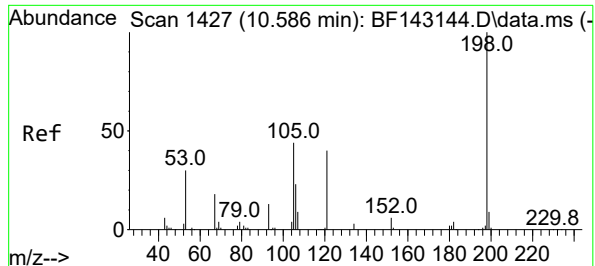
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:188 Resp: 442888
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.5 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 60.728 ng

RT: 10.592 min Scan# 1428

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:198 Resp: 14475

Ion Ratio Lower Upper

198 100

51 55.6 37.2 77.2

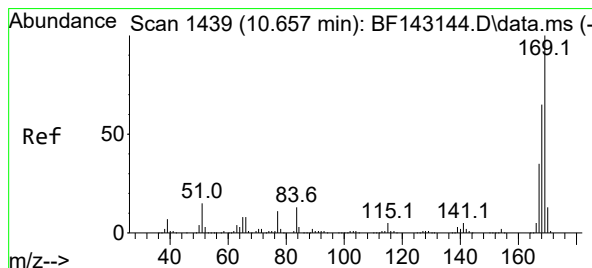
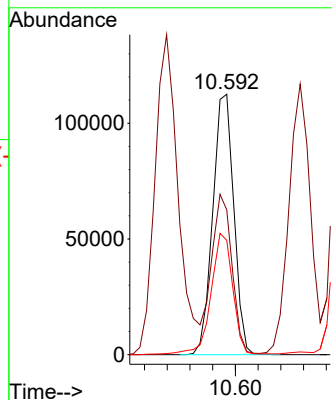
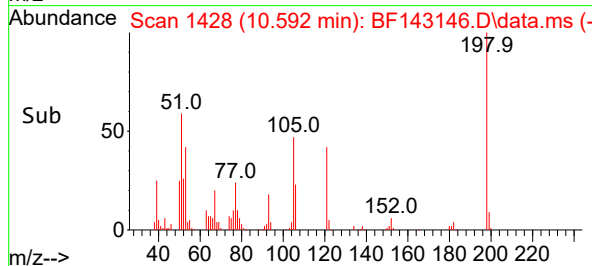
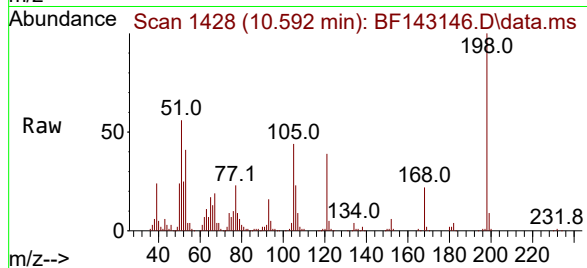
105 43.9 24.8 64.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#66

n-Nitrosodiphenylamine

Concen: 58.380 ng

RT: 10.657 min Scan# 1439

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

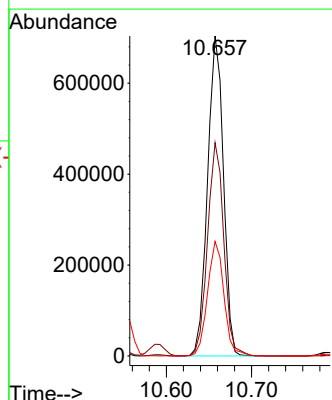
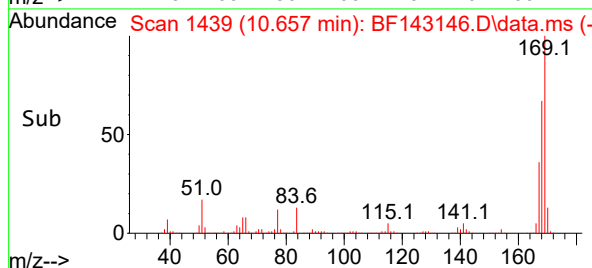
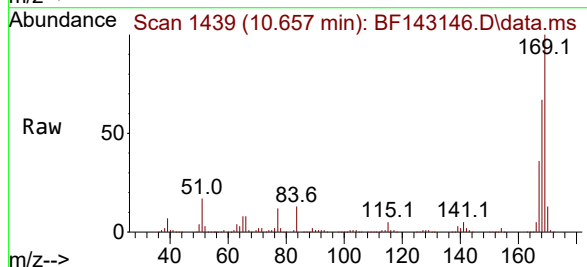
Tgt Ion:169 Resp: 910468

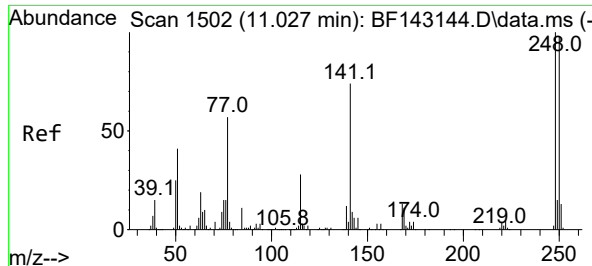
Ion Ratio Lower Upper

169 100

168 66.6 52.1 78.1

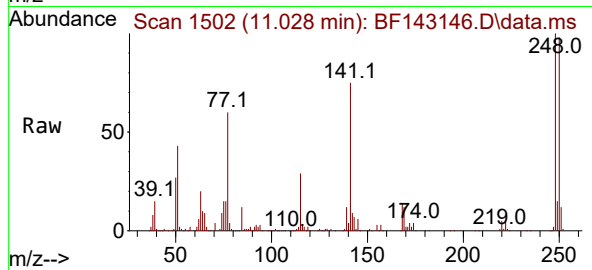
167 35.8 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 60.266 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

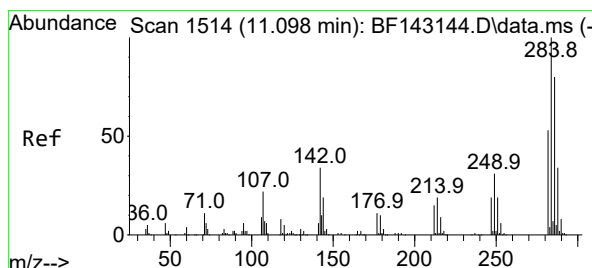
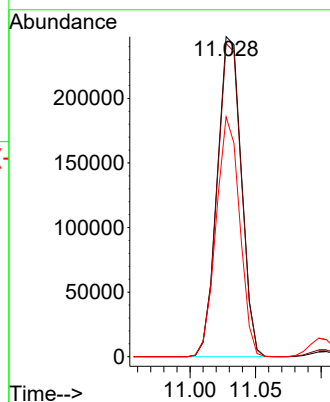
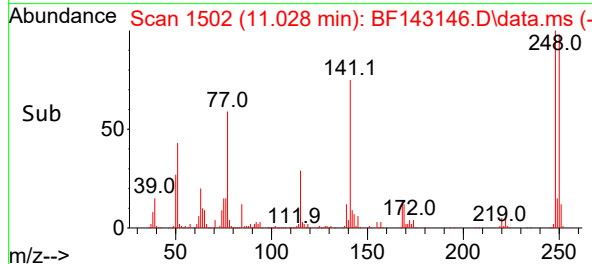
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



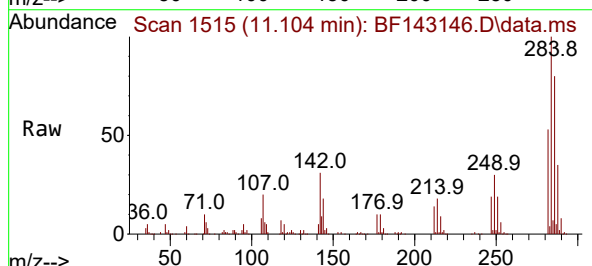
Tgt Ion:248 Resp: 318085
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 75.0 59.2 88.8

Manual Integrations
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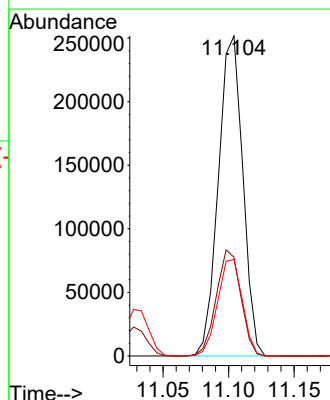
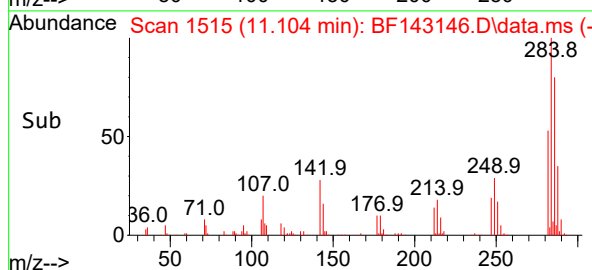
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

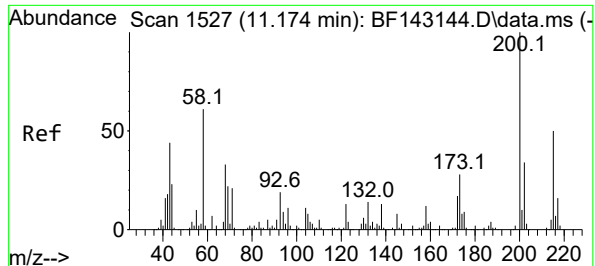


#68
Hexachlorobenzene
Concen: 59.054 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



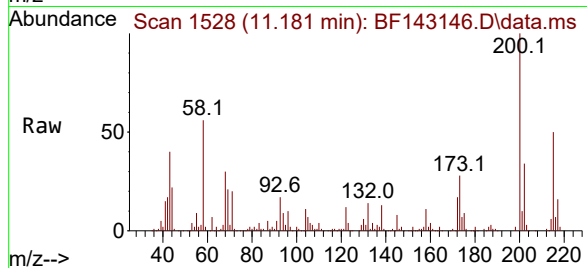
Tgt Ion:284 Resp: 325779
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.1 25.0 37.6





#69
Atrazine
Concen: 61.024 ng
RT: 11.181 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

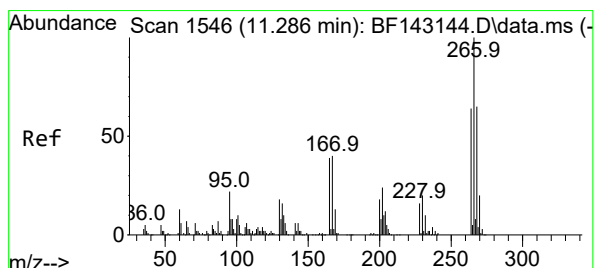
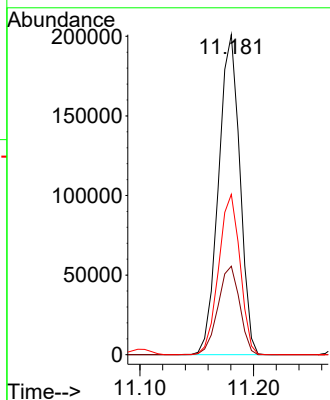
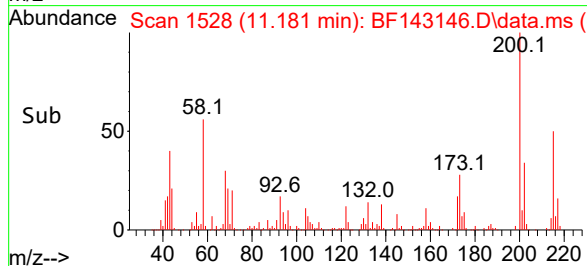
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:200 Resp: 262374
Ion Ratio Lower Upper
200 100
173 27.6 7.9 47.9
215 50.1 30.1 70.1

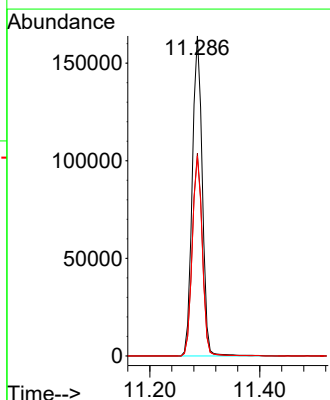
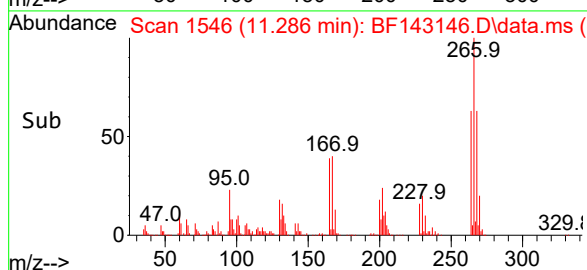
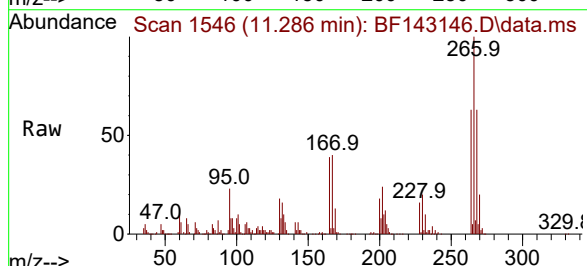
Manual Integrations
APPROVED

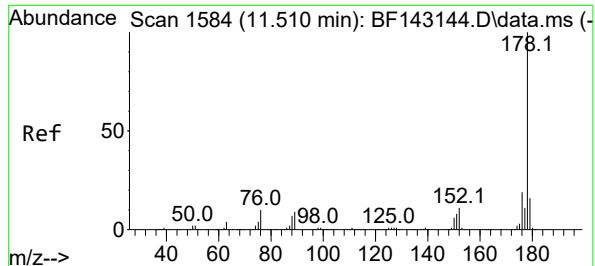
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#70
Pentachlorophenol
Concen: 63.625 ng
RT: 11.286 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

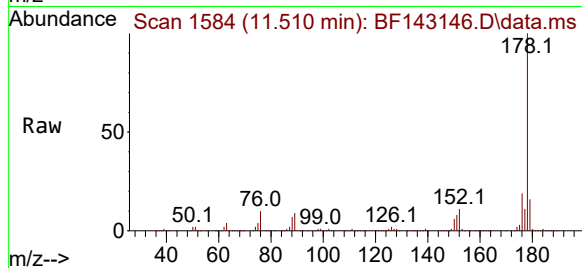
Tgt Ion:266 Resp: 206417
Ion Ratio Lower Upper
266 100
268 63.3 51.9 77.9
264 62.5 51.0 76.6





#71
Phenanthrene
Concen: 56.620 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

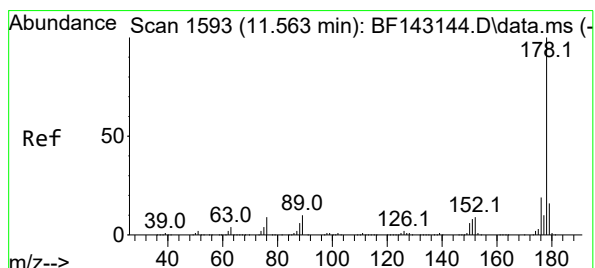
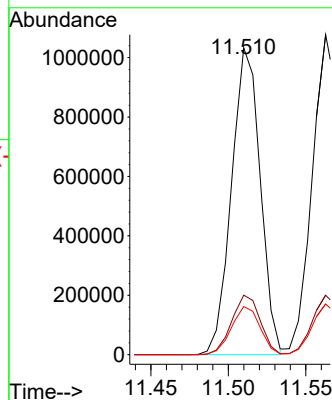
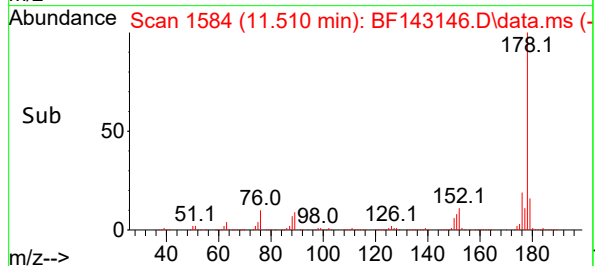
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 1331485
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.5 18.7

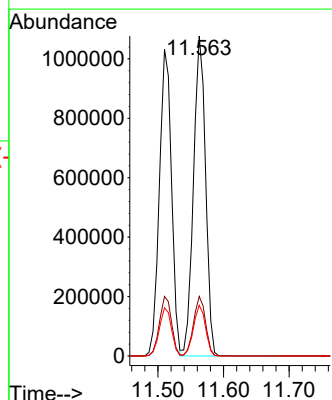
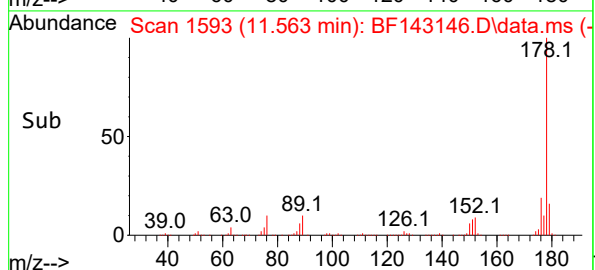
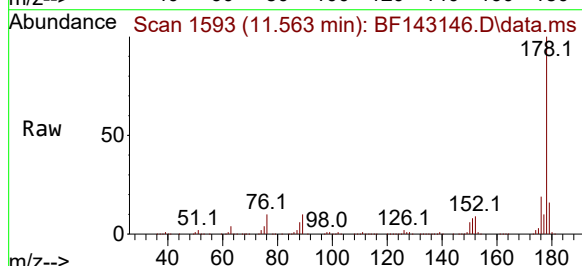
Manual Integrations
APPROVED

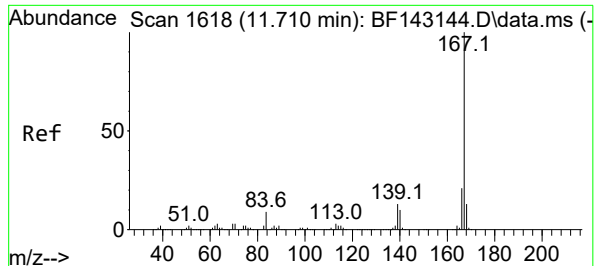
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 57.522 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

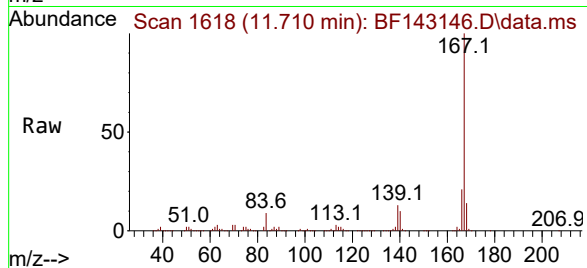
Tgt Ion:178 Resp: 1379601
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.8 12.5 18.7





#73
Carbazole
Concen: 57.015 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

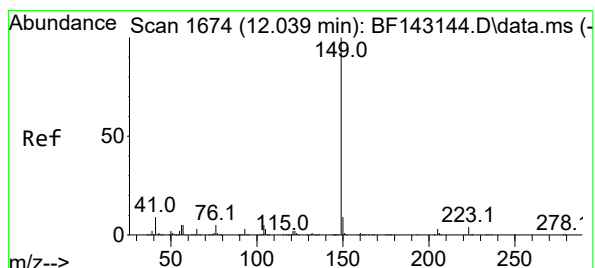
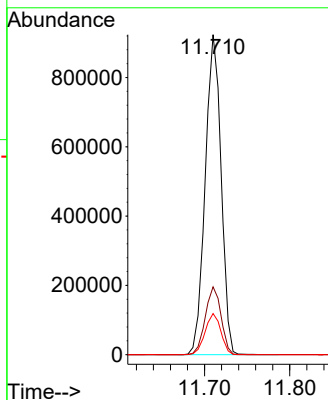
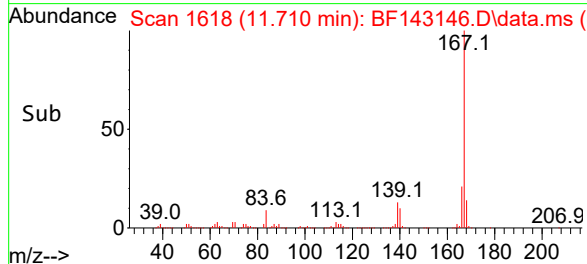
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



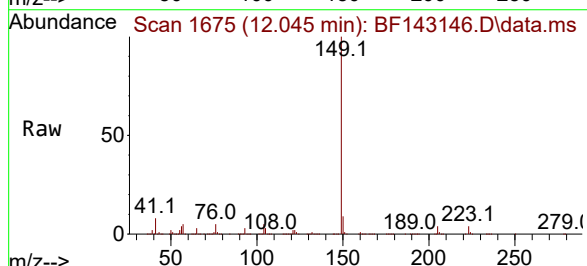
Tgt Ion:167 Resp: 1194020
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.6
139 12.9 10.0 15.0

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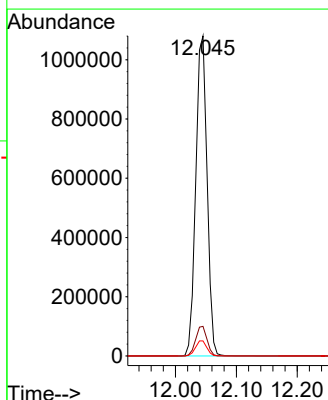
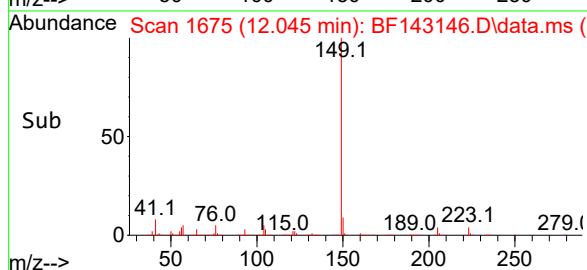
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

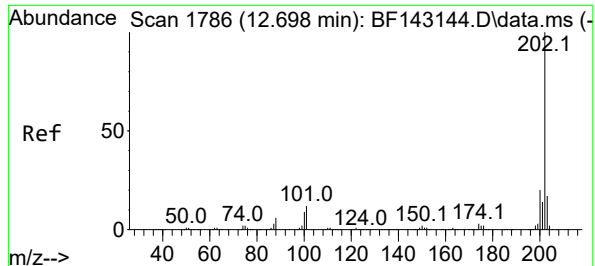


#74
Di-n-butylphthalate
Concen: 58.757 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



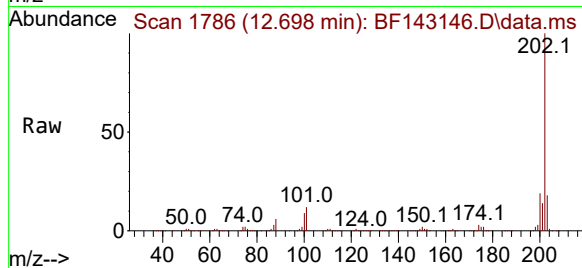
Tgt Ion:149 Resp: 1392335
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 57.122 ng
RT: 12.698 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

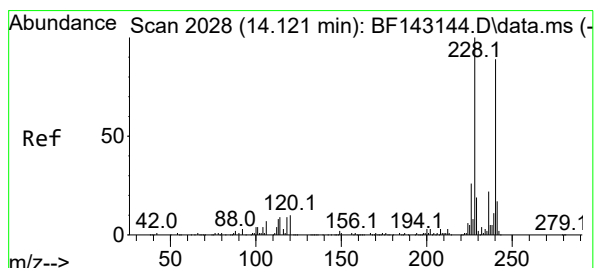
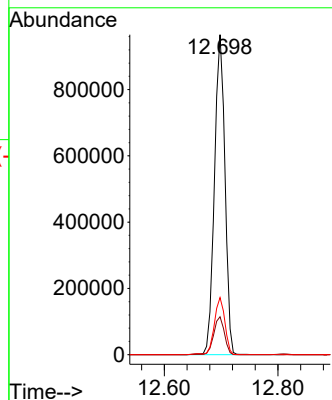
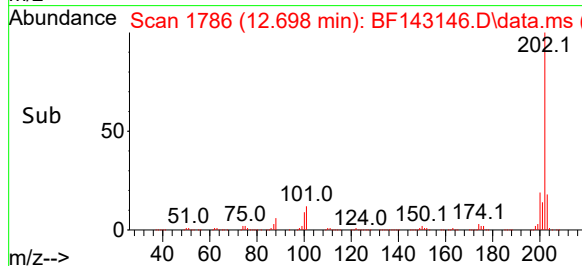
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 1232952
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.8 0.0 37.4

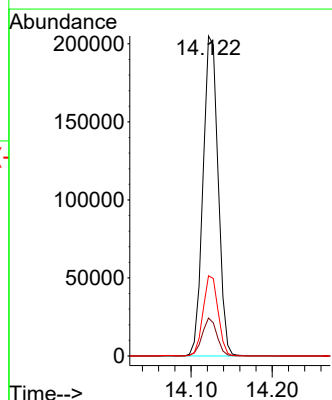
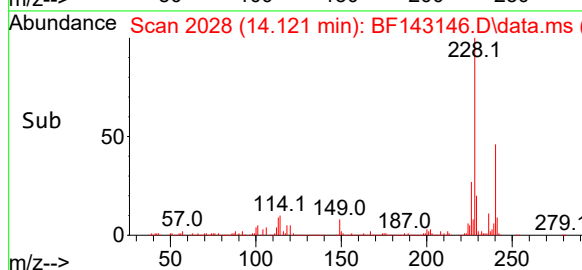
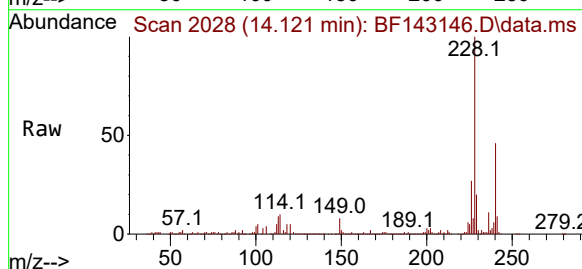
Manual Integrations
APPROVED

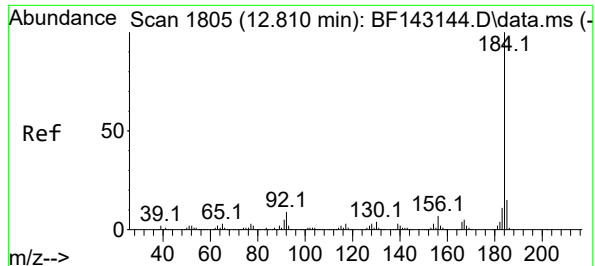
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

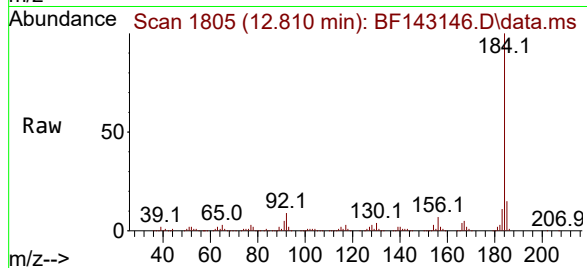
Tgt Ion:240 Resp: 264384
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.1 20.2 30.4





#77
Benzidine
Concen: 46.785 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

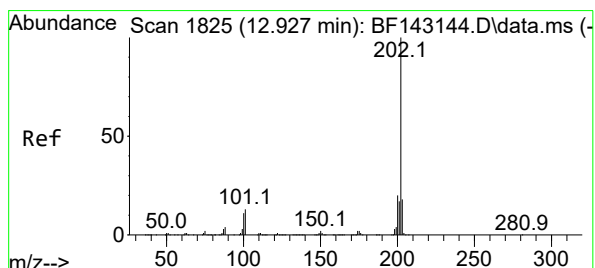
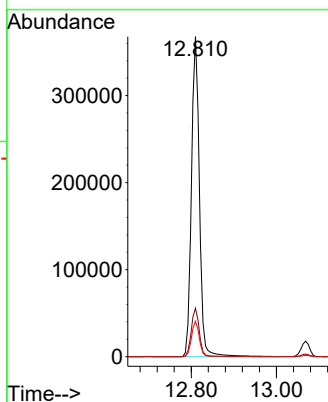
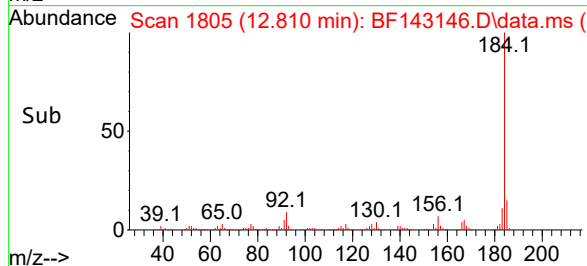
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 47655
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.0 9.0 13.4

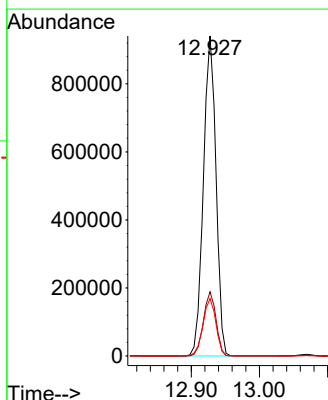
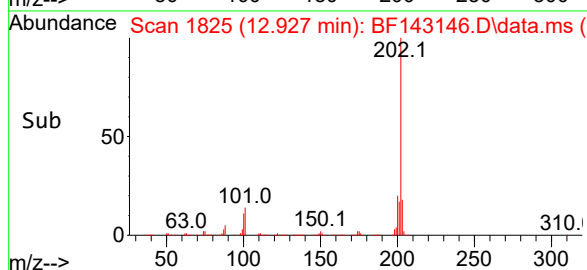
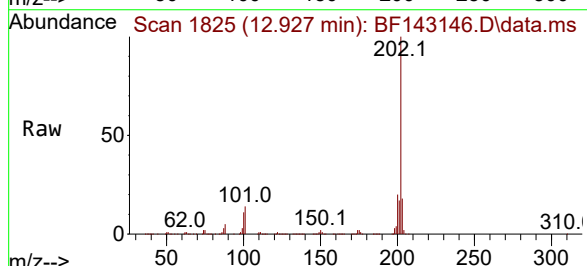
Manual Integrations
APPROVED

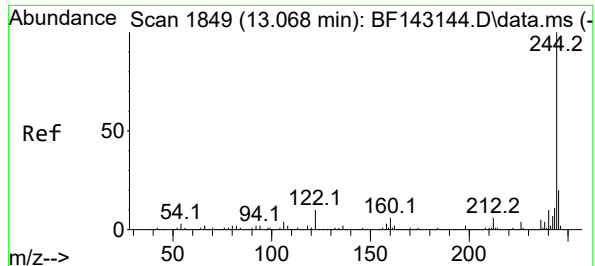
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 53.536 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:202 Resp: 1207978
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 18.0 14.2 21.2





#79
Terphenyl-d14
Concen: 106.298 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

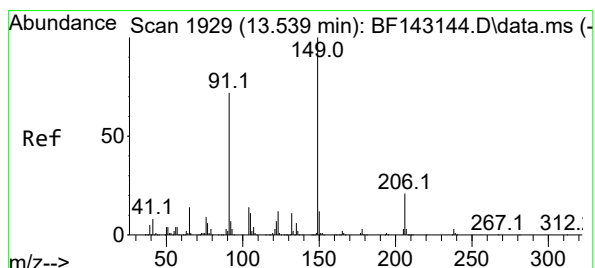
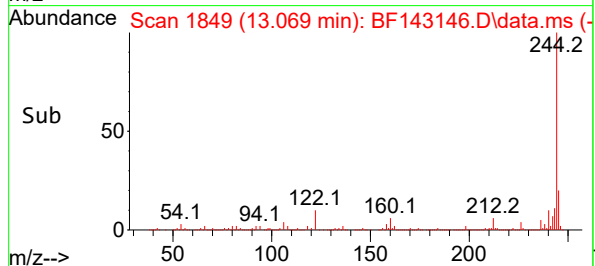
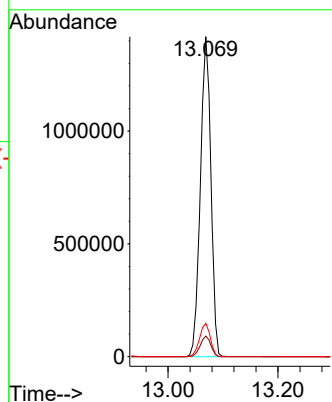
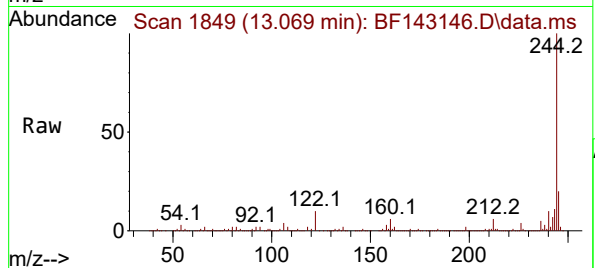
SSTDICC060

Tgt Ion:244 Resp: 1888544
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.4 8.2 12.2

Manual Integrations

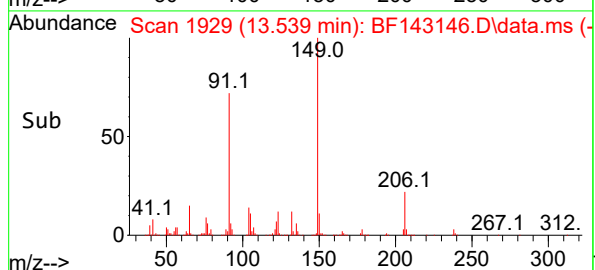
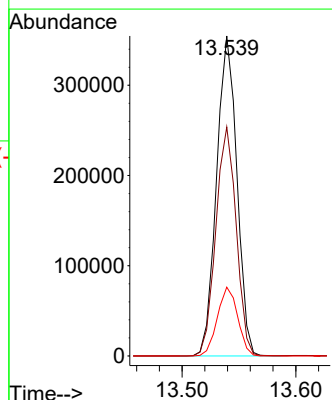
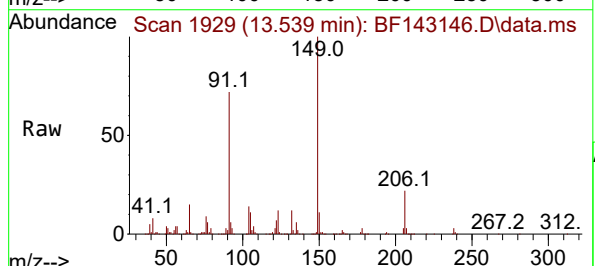
APPROVED

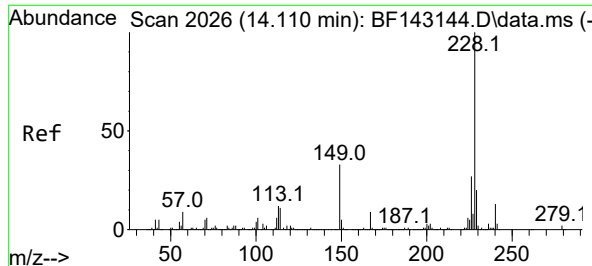
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#80
Butylbenzylphthalate
Concen: 63.875 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

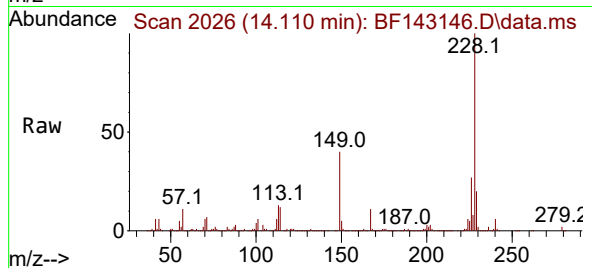
Tgt Ion:149 Resp: 441334
Ion Ratio Lower Upper
149 100
91 71.6 57.9 86.9
206 21.5 17.0 25.4





#81
Benzo(a)anthracene
Concen: 58.825 ng
RT: 14.110 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

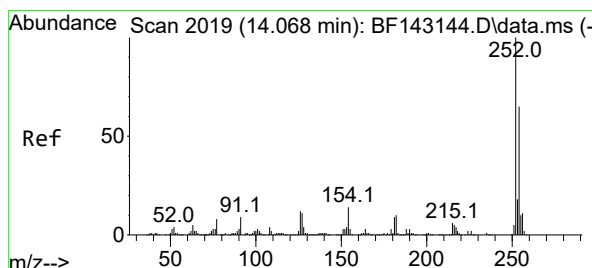
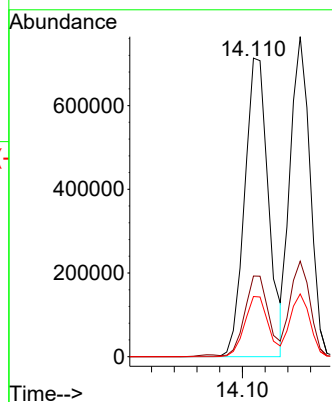
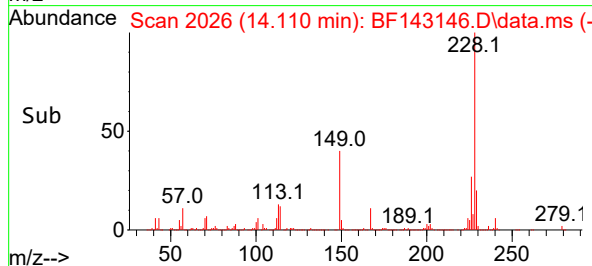
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1041230
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.2 15.8 23.6

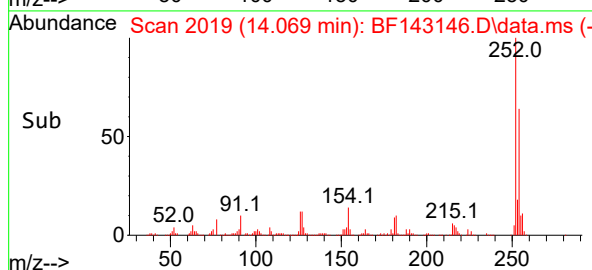
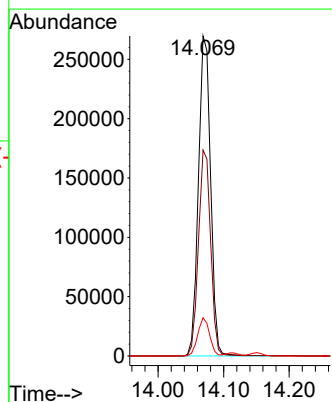
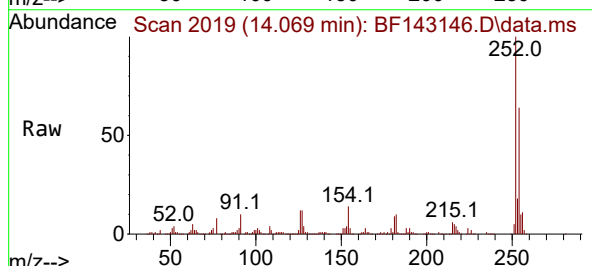
Manual Integrations
APPROVED

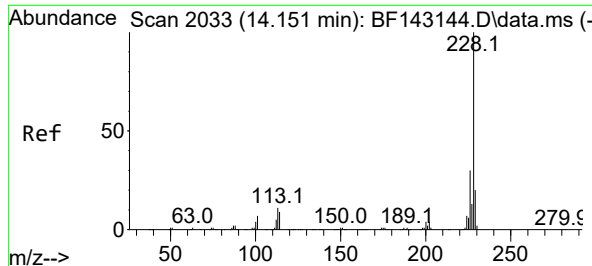
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#82
3,3'-Dichlorobenzidine
Concen: 59.155 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

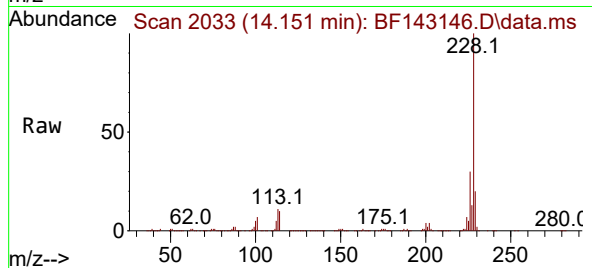
Tgt Ion:252 Resp: 348979
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 12.0 9.4 14.0





#83
Chrysene
Concen: 58.472 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

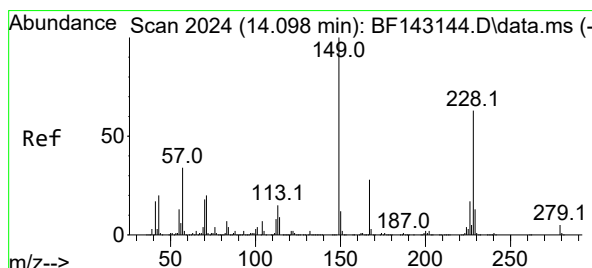
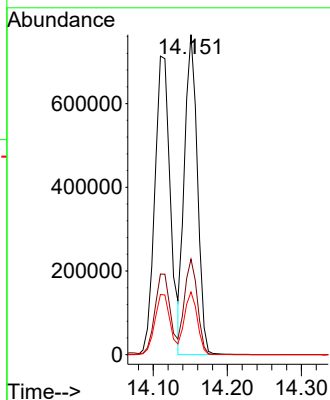
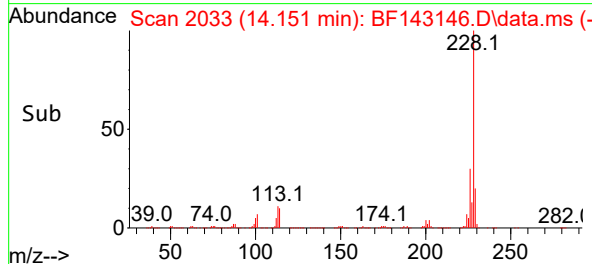
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 930549
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.6 15.6 23.4

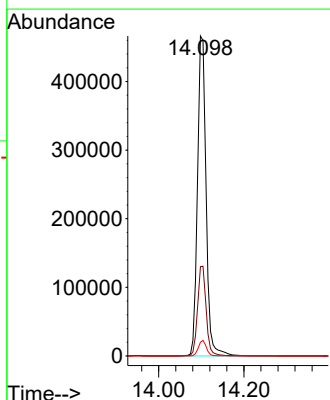
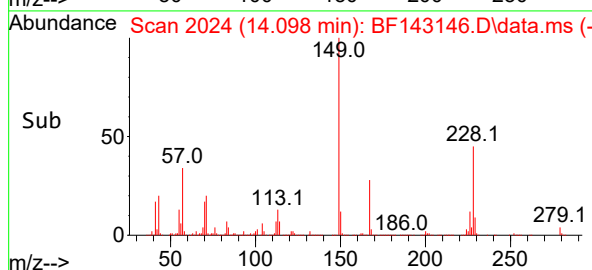
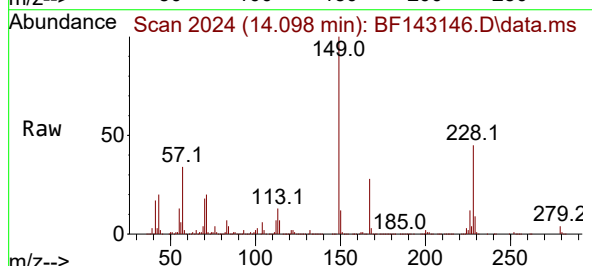
Manual Integrations
APPROVED

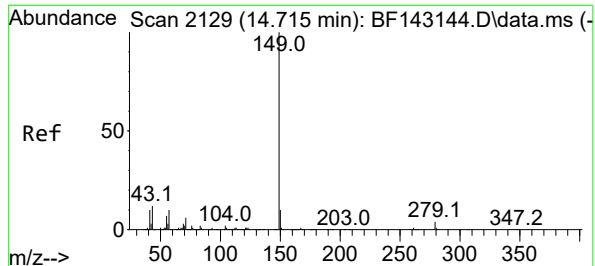
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.678 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

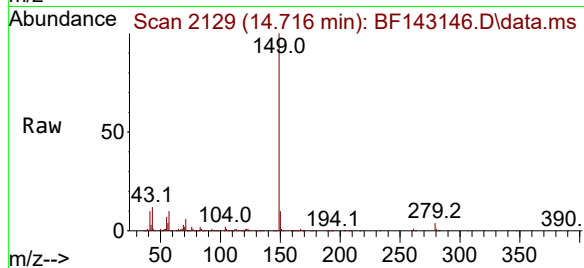
Tgt Ion:149 Resp: 655482
Ion Ratio Lower Upper
149 100
167 27.9 22.3 33.5
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 63.095 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

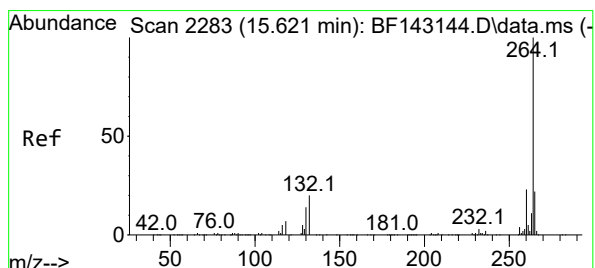
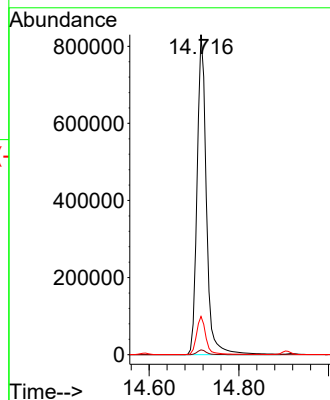
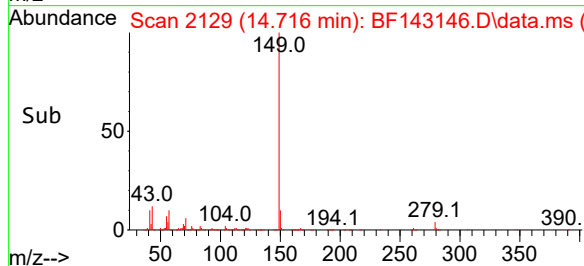
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



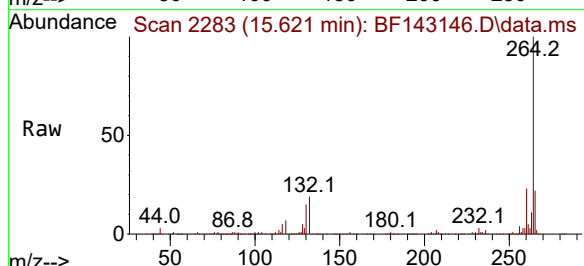
Tgt Ion:149 Resp: 1196044
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.0 9.7 14.5

Manual Integrations
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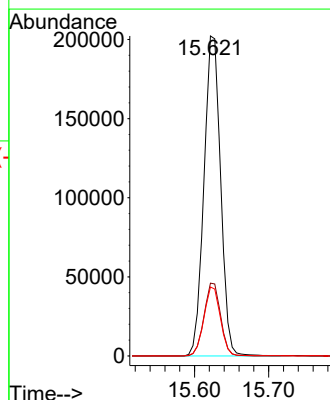
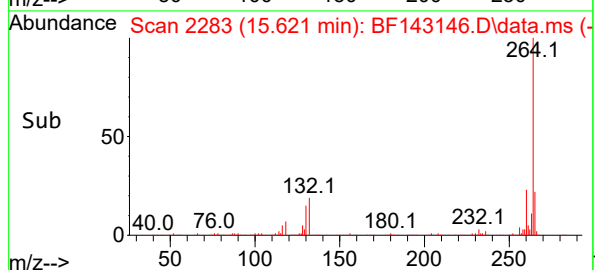
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

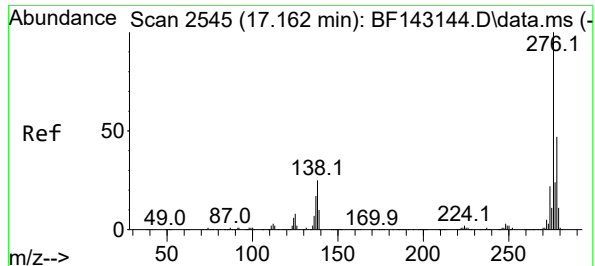


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04



Tgt Ion:264 Resp: 315904
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.037 ng

RT: 17.168 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 133736

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.6

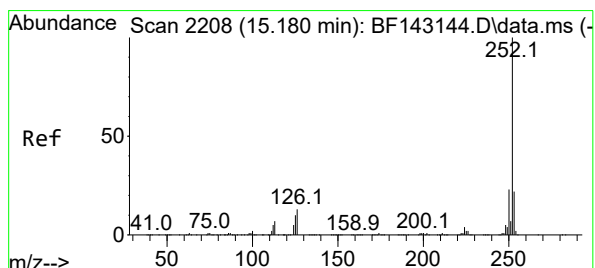
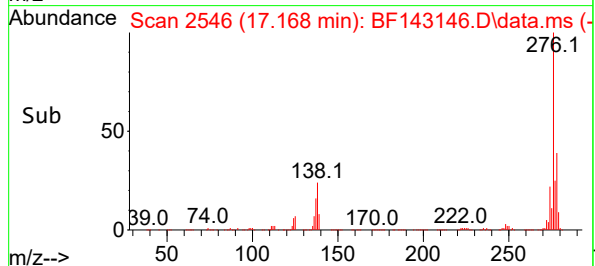
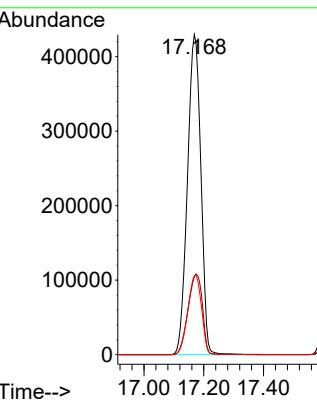
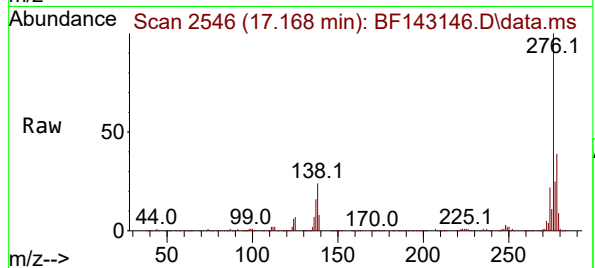
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#88

Benzo(b)fluoranthene

Concen: 58.328 ng

RT: 15.180 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

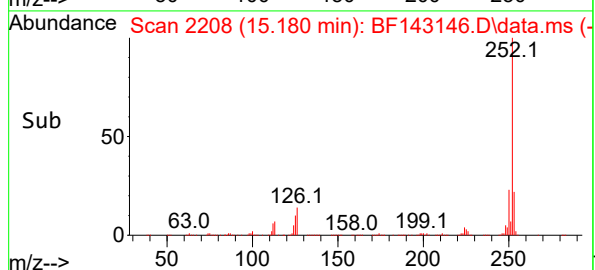
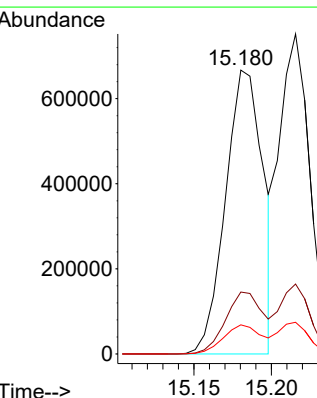
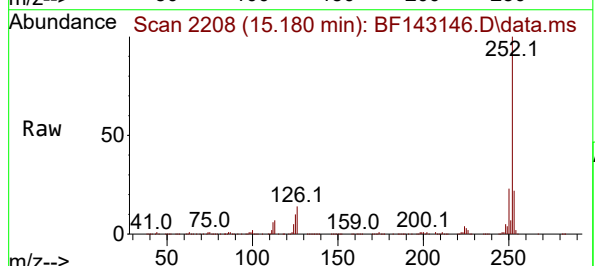
Tgt Ion:252 Resp: 1125667

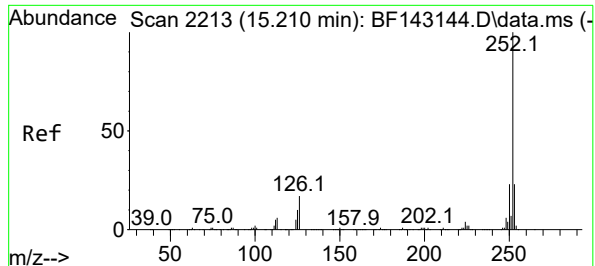
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 59.411 ng

RT: 15.216 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 102313

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

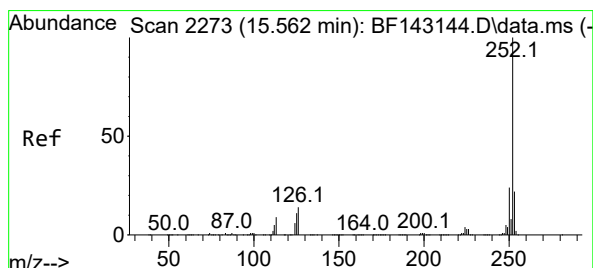
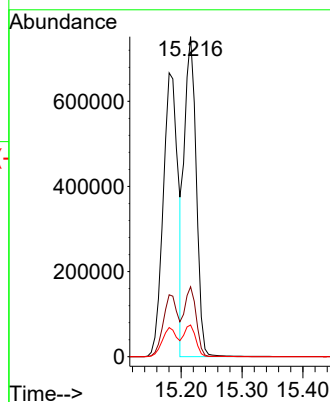
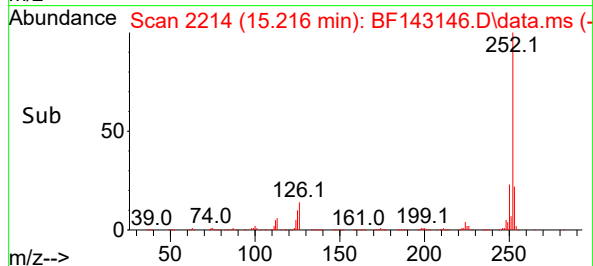
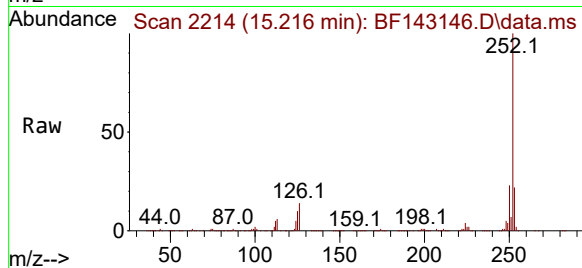
125 9.9 8.1 12.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 59.730 ng

RT: 15.563 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF143146.D

Acq: 17 Jul 2025 14:04

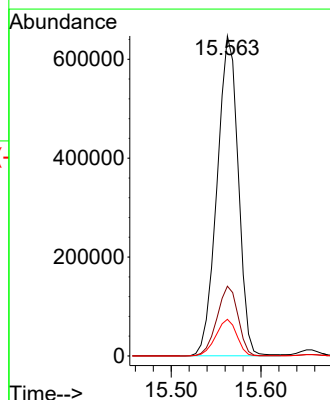
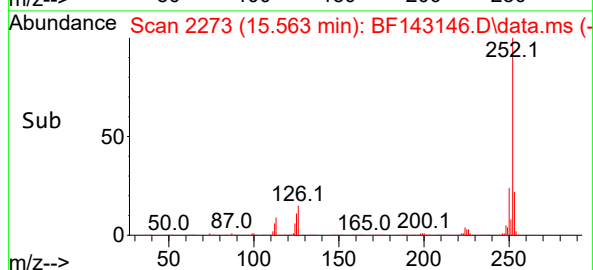
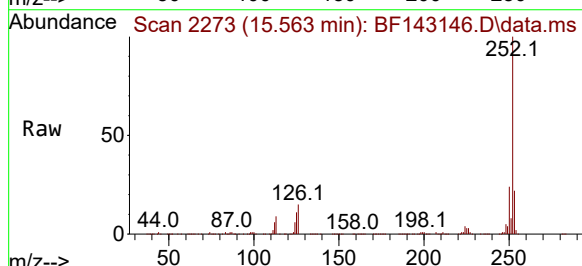
Tgt Ion:252 Resp: 1062049

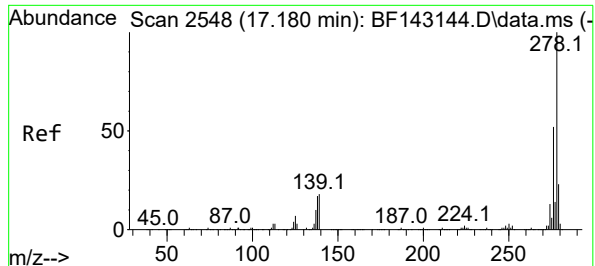
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

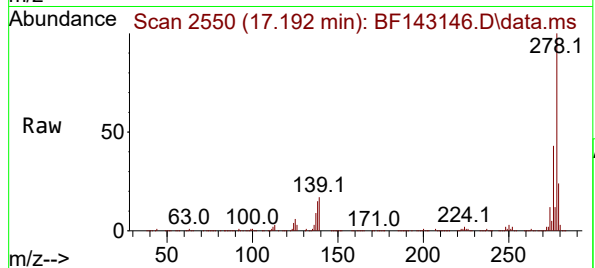
125 11.5 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 59.610 ng
RT: 17.192 min Scan# 2550
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

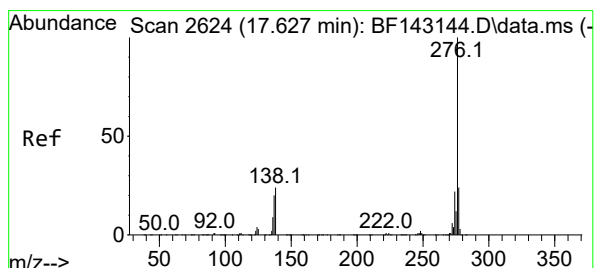
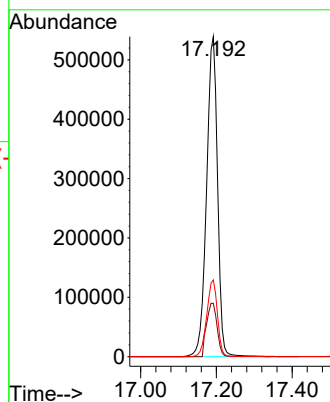
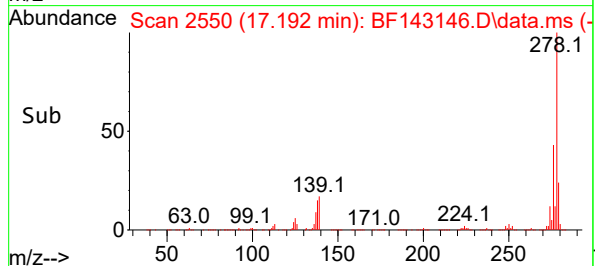
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 1080768
Ion Ratio Lower Upper
278 100
139 16.6 14.1 21.1
279 24.0 18.6 28.0

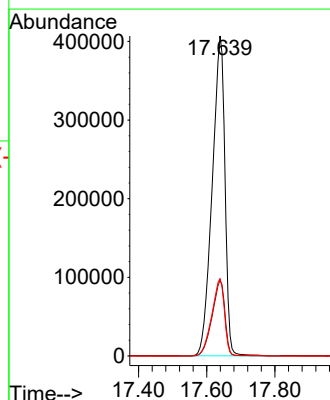
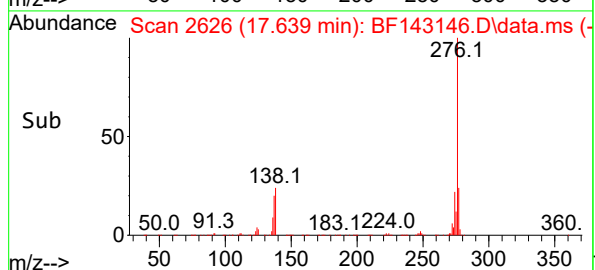
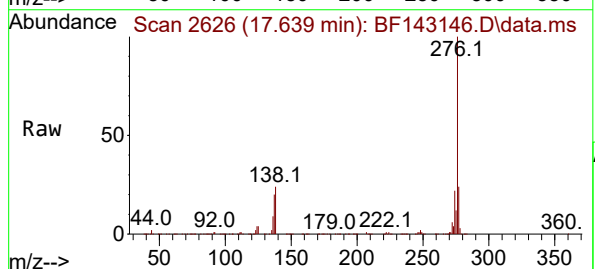
Manual Integrations
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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 60.163 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143146.D
Acq: 17 Jul 2025 14:04

Tgt Ion:276 Resp: 1055168
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 24.2 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143147.D
 Acq On : 17 Jul 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	145034	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	544516	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	275619	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	429046	20.000	ng	0.00
76) Chrysene-d12	14.127	240	245351	20.000	ng	0.00
86) Perylene-d12	15.627	264	296687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1300344	141.880	ng	0.00
7) Phenol-d6	6.593	99	1639937	142.159	ng	0.00
23) Nitrobenzene-d5	7.534	82	1644581	150.551	ng	0.01
42) 2,4,6-Tribromophenol	10.792	330	437054	153.498	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2623071	130.157	ng	0.00
79) Terphenyl-d14	13.069	244	2202828	133.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	323993	74.710	ng	99
3) Pyridine	3.569	79	842446	74.844	ng	99
4) n-Nitrosodimethylamine	3.528	42	445612	76.677	ng	97
6) Aniline	6.628	93	1170943	72.831	ng	98
8) 2-Chlorophenol	6.751	128	699193	72.781	ng	99
9) Benzaldehyde	6.516	77	493544	57.055	ng	99
10) Phenol	6.610	94	888041m	70.663	ng	
11) bis(2-Chloroethyl)ether	6.698	93	697645	72.503	ng	100
12) 1,3-Dichlorobenzene	6.910	146	734699	70.400	ng	100
13) 1,4-Dichlorobenzene	6.987	146	739462	70.360	ng	99
14) 1,2-Dichlorobenzene	7.140	146	709300	70.958	ng	100
15) Benzyl Alcohol	7.104	79	661847	75.139	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	1265589	70.902	ng	99
17) 2-Methylphenol	7.210	107	595477	73.719	ng	99
18) Hexachloroethane	7.481	117	266665	73.293	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	528820	71.452	ng	99
20) 3+4-Methylphenols	7.369	107	673906	68.763	ng	# 87
22) Acetophenone	7.375	105	890890	69.107	ng	# 95
24) Nitrobenzene	7.551	77	751964	73.836	ng	100
25) Isophorone	7.792	82	1453353	75.366	ng	99
26) 2-Nitrophenol	7.863	139	364951	82.568	ng	100
27) 2,4-Dimethylphenol	7.898	122	649144	72.050	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	834021	72.134	ng	99
29) 2,4-Dichlorophenol	8.104	162	558665	73.527	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	588333	71.673	ng	99
31) Naphthalene	8.269	128	1854387	69.150	ng	100
32) Benzoic acid	8.028	122	423625m	79.801	ng	
33) 4-Chloroaniline	8.310	127	787243	71.895	ng	98
34) Hexachlorobutadiene	8.392	225	368327	73.453	ng	99
35) Caprolactam	8.698	113	178271	77.644	ng	96
36) 4-Chloro-3-methylphenol	8.792	107	614048	74.354	ng	99
37) 2-Methylnaphthalene	8.957	142	1137176	69.687	ng	100
38) 1-Methylnaphthalene	9.057	142	1168702	69.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	568070	71.389	ng	99
41) Hexachlorocyclopentadiene	9.122	237	412756	79.719	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	412148	74.838	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143147.D
 Acq On : 17 Jul 2025 14:34
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 15:05:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 14:54:43 2025
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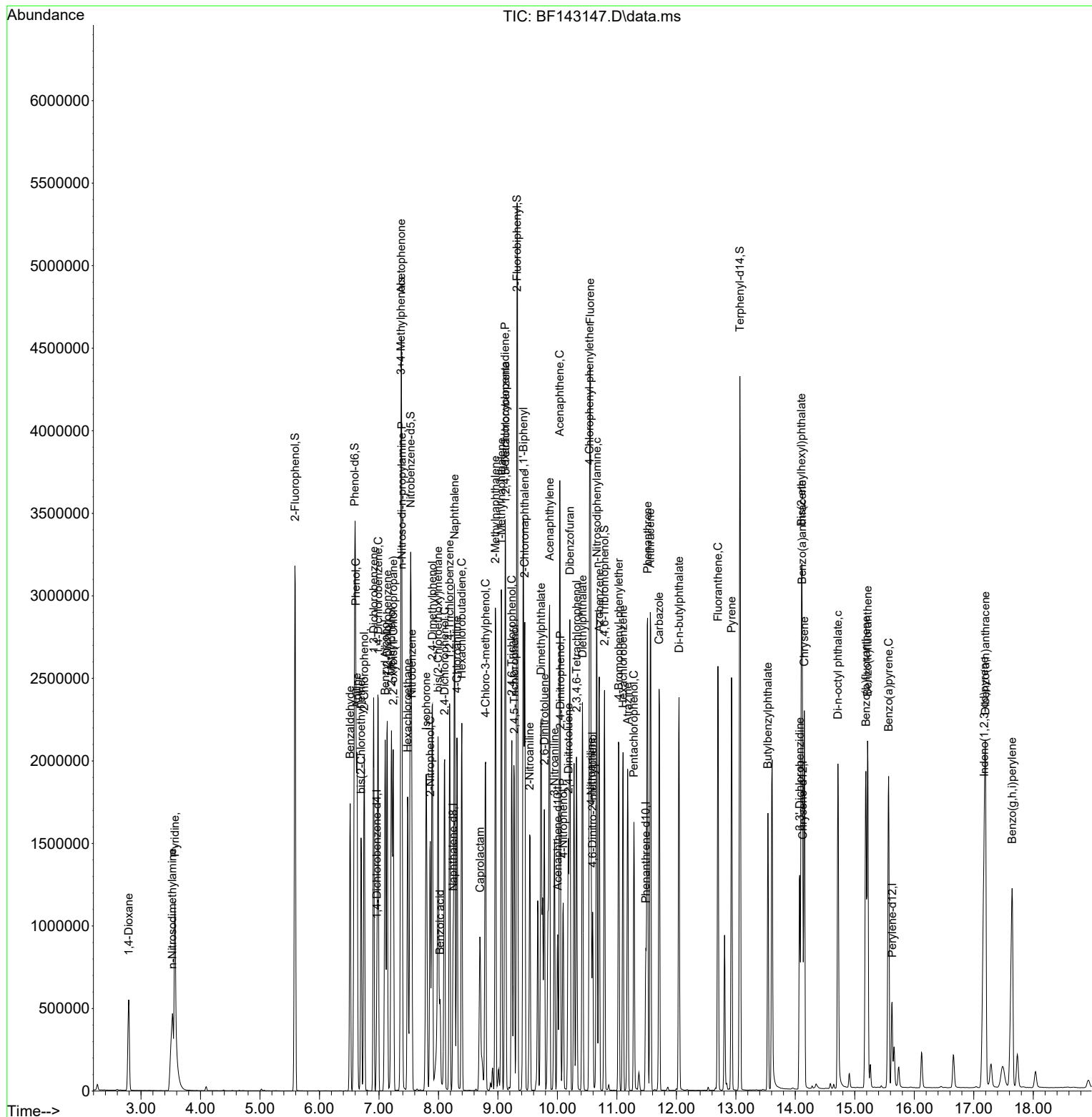
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	423565	76.888	ng	99
46) 1,1'-Biphenyl	9.428	154	1492094	69.388	ng	100
47) 2-Chloronaphthalene	9.451	162	1131626	71.122	ng	100
48) 2-Nitroaniline	9.534	65	404023	80.971	ng	96
49) Acenaphthylene	9.869	152	1868062	70.057	ng	100
50) Dimethylphthalate	9.728	163	1288559	71.723	ng	99
51) 2,6-Dinitrotoluene	9.781	165	292718	80.093	ng	99
52) Acenaphthene	10.039	154	1120315	71.086	ng	99
53) 3-Nitroaniline	9.951	138	333980	78.128	ng	98
54) 2,4-Dinitrophenol	10.051	184	133446	80.516	ng	# 40
55) Dibenzofuran	10.210	168	1615399	69.038	ng	99
56) 4-Nitrophenol	10.098	139	252698	79.161	ng	99
57) 2,4-Dinitrotoluene	10.186	165	376124	82.029	ng	96
58) Fluorene	10.551	166	1197731	68.203	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	340118	74.533	ng	100
60) Diethylphthalate	10.422	149	1276217	71.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	614962	70.326	ng	99
62) 4-Nitroaniline	10.569	138	291926	79.680	ng	98
63) Azobenzene	10.704	77	1318720	71.255	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	186415	78.948	ng	98
66) n-Nitrosodiphenylamine	10.663	169	1087990	72.014	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	382122	74.734	ng	98
68) Hexachlorobenzene	11.104	284	399107	74.680	ng	96
69) Atrazine	11.180	200	324126	77.819	ng	99
70) Pentachlorophenol	11.286	266	257176	81.829	ng	98
71) Phenanthrene	11.516	178	1602208	70.331	ng	100
72) Anthracene	11.563	178	1641264	70.640	ng	100
73) Carbazole	11.710	167	1435444	70.754	ng	99
74) Di-n-butylphthalate	12.045	149	1699503	74.034	ng	100
75) Fluoranthene	12.698	202	1498103	71.645	ng	99
78) Pyrene	12.927	202	1466205	70.021	ng	100
80) Butylbenzylphthalate	13.539	149	521631	81.353	ng	99
81) Benzo(a)anthracene	14.116	228	1212056	73.788	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	393448	71.867	ng	99
83) Chrysene	14.151	228	1105636	74.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	774366	79.790	ng	99
85) Di-n-octyl phthalate	14.716	149	1434055	81.519	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	1604969	76.718	ng	99
88) Benzo(b)fluoranthene	15.186	252	1438518	79.367	ng	100
89) Benzo(k)fluoranthene	15.216	252	1111726	68.737	ng	100
90) Benzo(a)pyrene	15.568	252	1269253	76.006	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	1289789	75.746	ng	99
92) Benzo(g,h,i)perylene	17.645	276	1265778	76.846	ng	100

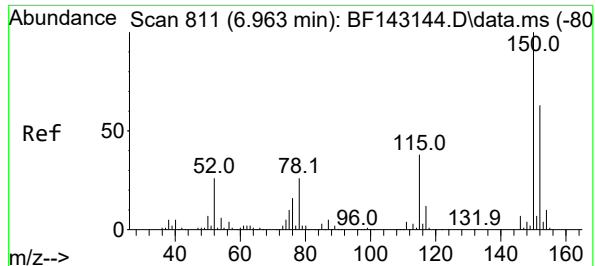
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations

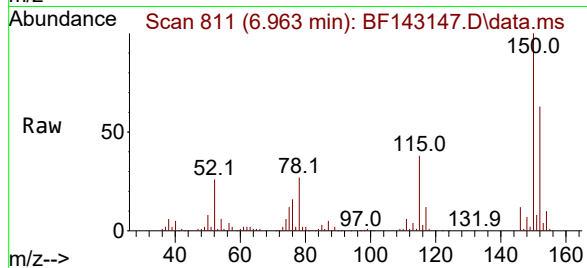
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

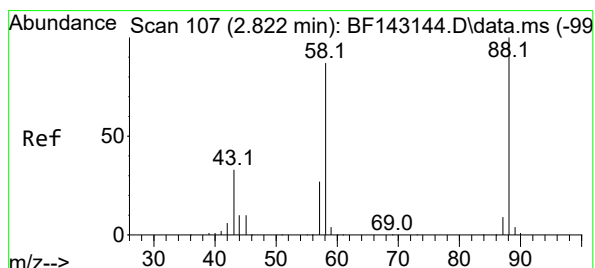
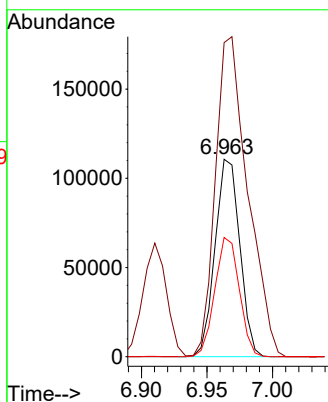
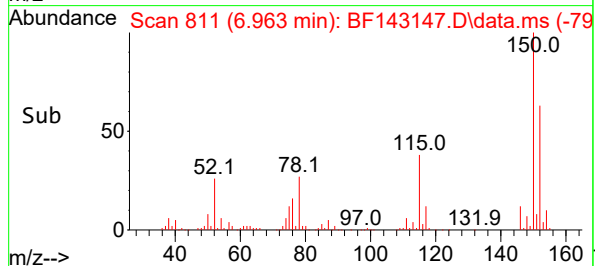
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



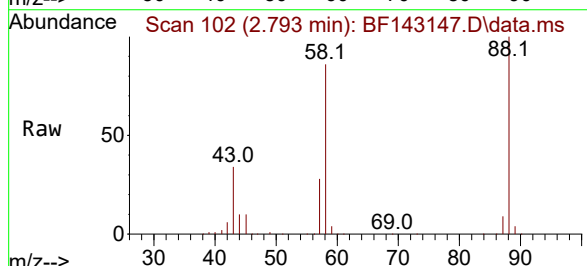
Tgt Ion:152 Resp: 145034
Ion Ratio Lower Upper
152 100
150 159.0 128.2 192.4
115 60.4 47.9 71.9

Manual Integrations
APPROVED

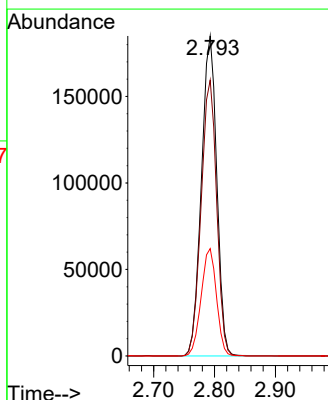
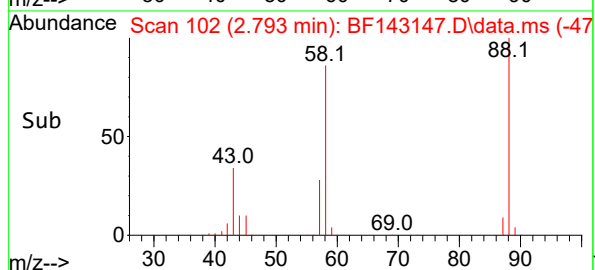
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

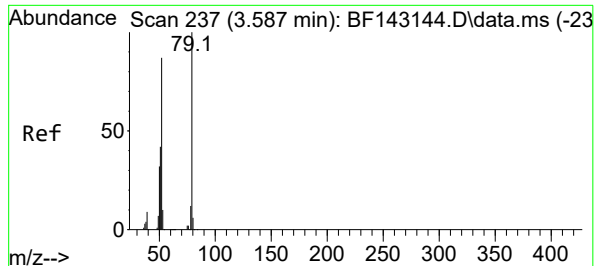


#2
1,4-Dioxane
Concen: 74.710 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



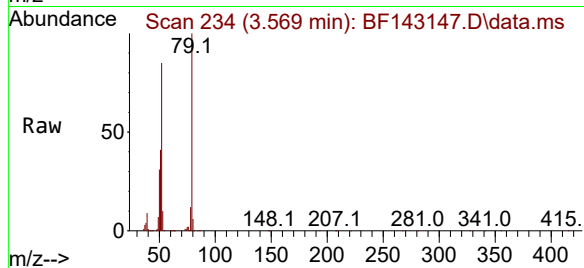
Tgt Ion: 88 Resp: 323993
Ion Ratio Lower Upper
88 100
58 86.8 70.2 105.2
43 33.6 27.1 40.7





#3
Pyridine
Concen: 74.844 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

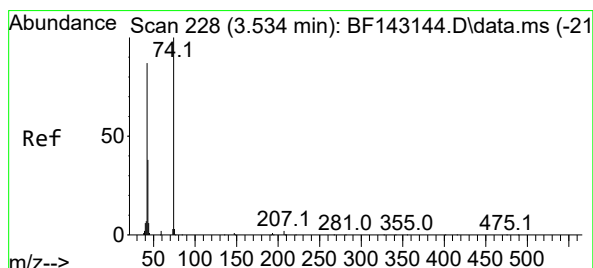
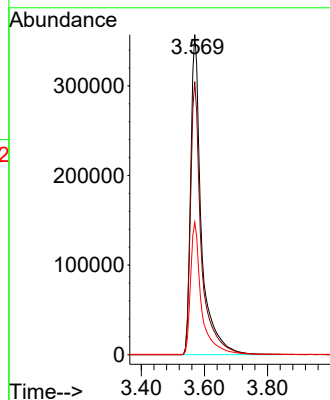
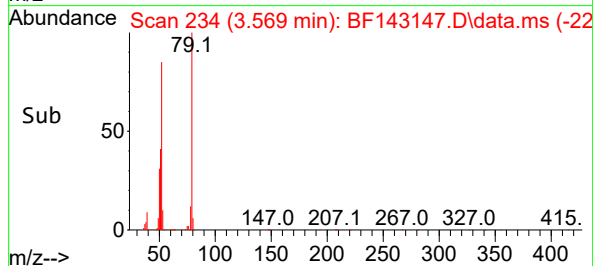
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 842440
Ion Ratio Lower Upper
79 100
52 85.3 69.4 104.2
51 41.4 33.5 50.3

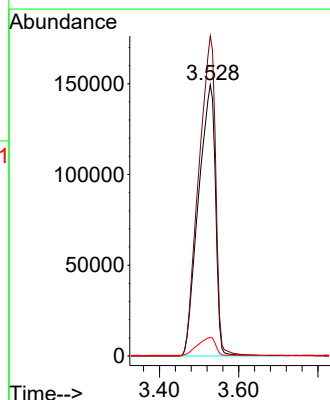
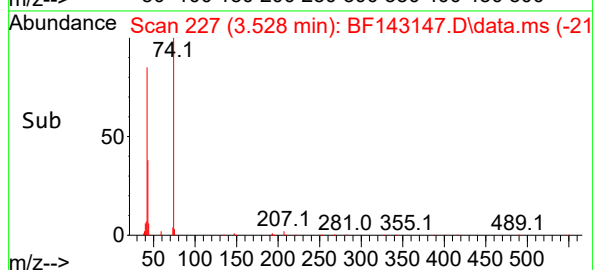
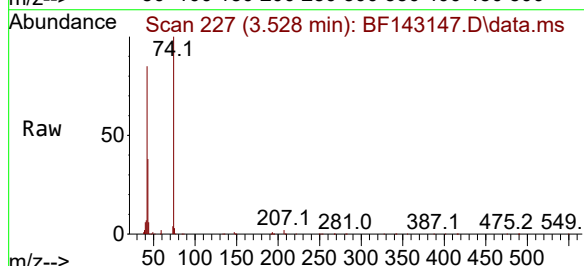
Manual Integrations
APPROVED

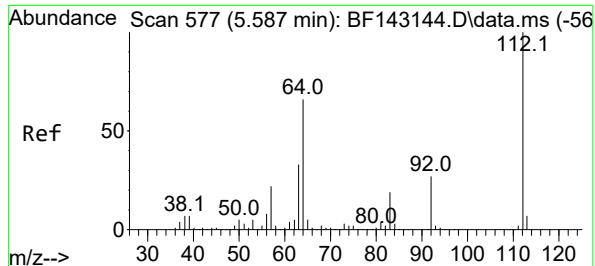
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 76.677 ng
RT: 3.528 min Scan# 227
Delta R.T. -0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

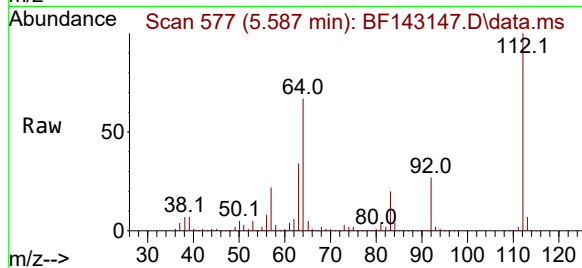
Tgt Ion: 42 Resp: 445612
Ion Ratio Lower Upper
42 100
74 118.0 91.7 137.5
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 141.880 ng
RT: 5.587 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

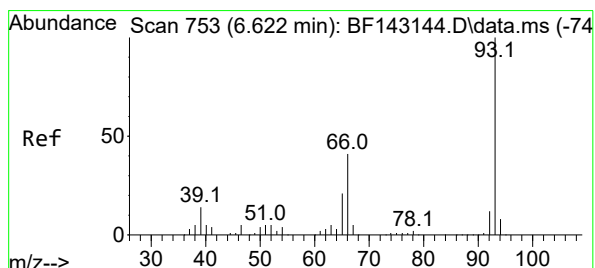
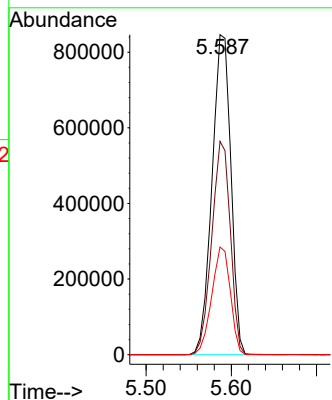
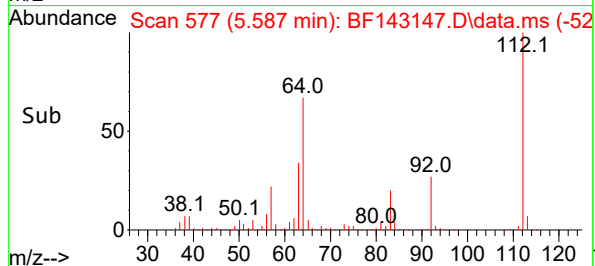
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:112 Resp: 1300344
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 33.6 26.6 40.0

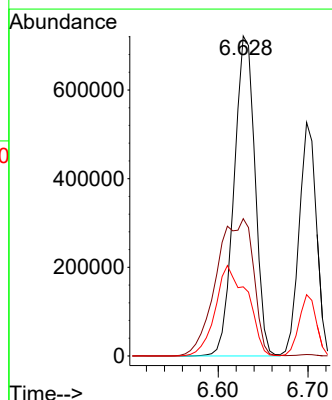
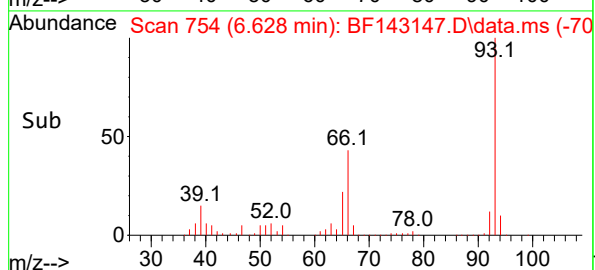
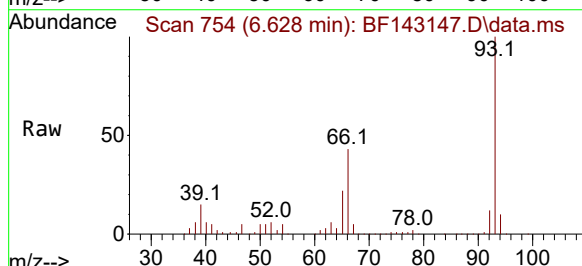
Manual Integrations
APPROVED

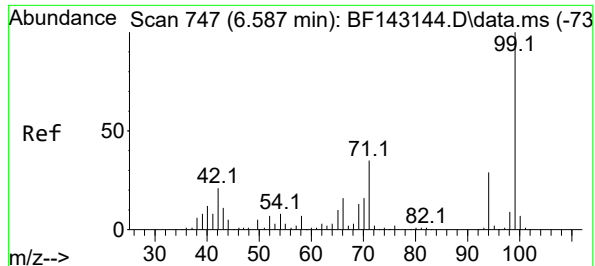
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 72.831 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion: 93 Resp: 1170943
Ion Ratio Lower Upper
93 100
66 42.9 33.2 49.8
65 21.6 16.9 25.3





#7

Phenol-d6

Concen: 142.159 ng

RT: 6.593 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 163993

Ion Ratio Lower Upper

99 100

42 21.1 17.0 25.6

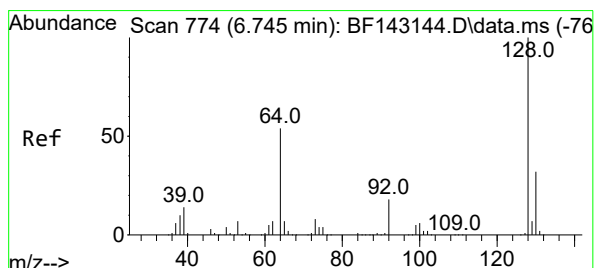
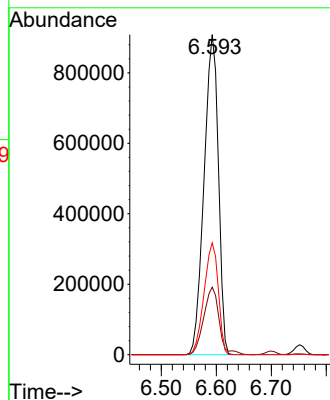
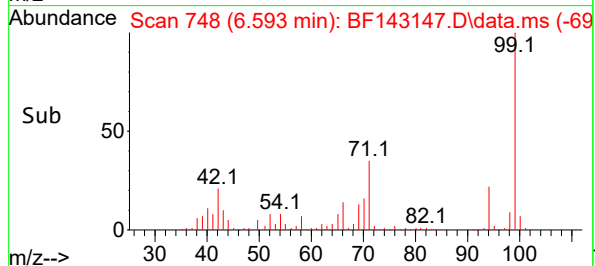
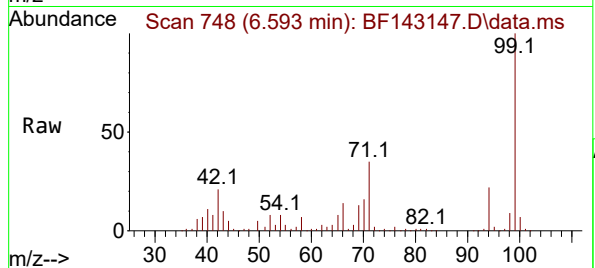
71 35.0 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#8

2-Chlorophenol

Concen: 72.781 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

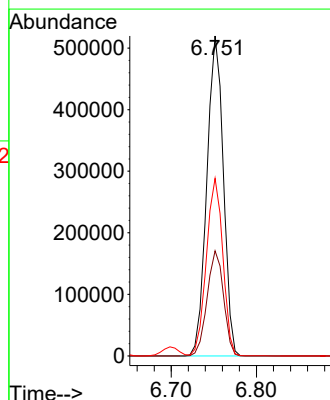
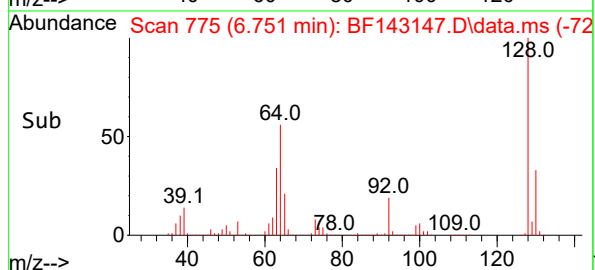
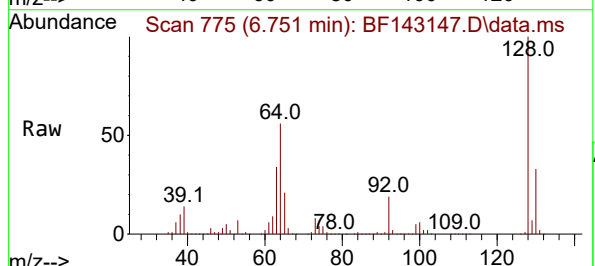
Tgt Ion:128 Resp: 699193

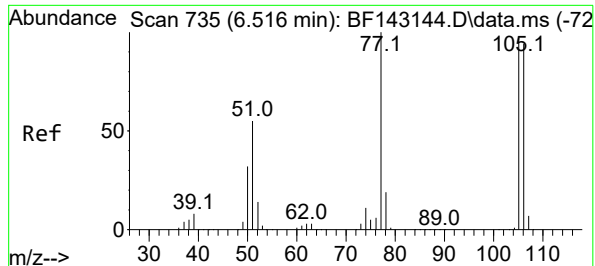
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 55.5 35.9 75.9





#9

Benzaldehyde

Concen: 57.055 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 493544

Ion Ratio Lower Upper

77 100

105 96.2 76.8 116.8

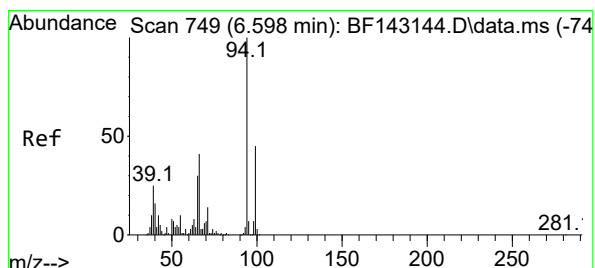
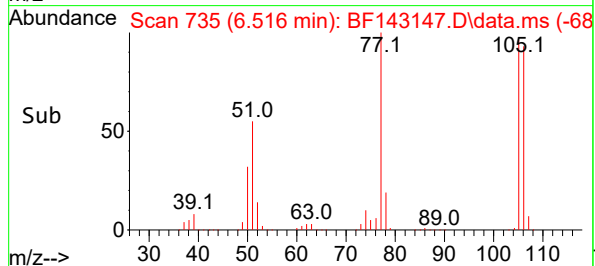
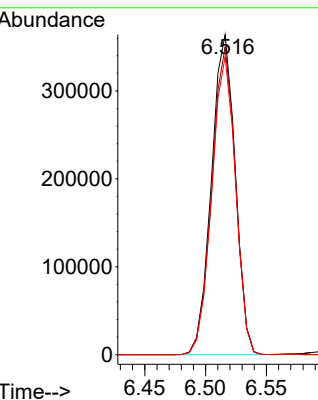
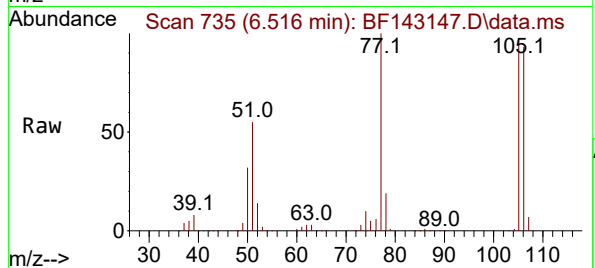
106 93.1 74.4 114.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 70.663 ng m

RT: 6.610 min Scan# 751

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

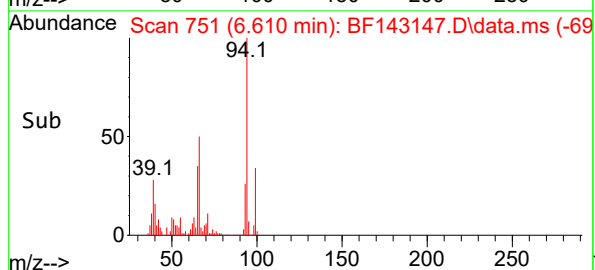
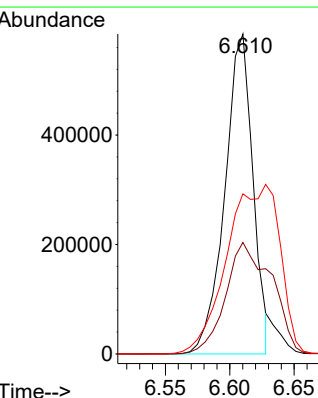
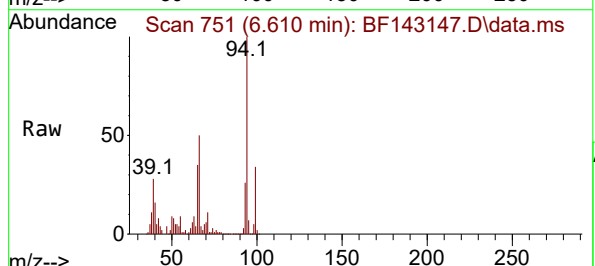
Tgt Ion: 94 Resp: 888041

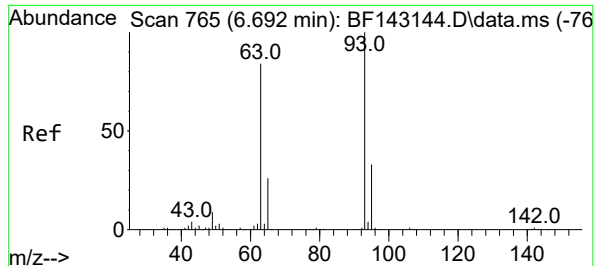
Ion Ratio Lower Upper

94 100

65 34.9 10.0 50.0

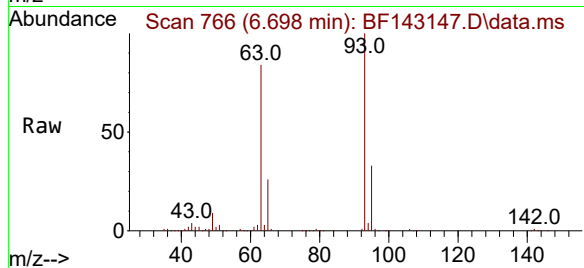
66 50.1 20.8 60.8





#11
bis(2-Chloroethyl)ether
Concen: 72.503 ng
RT: 6.698 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

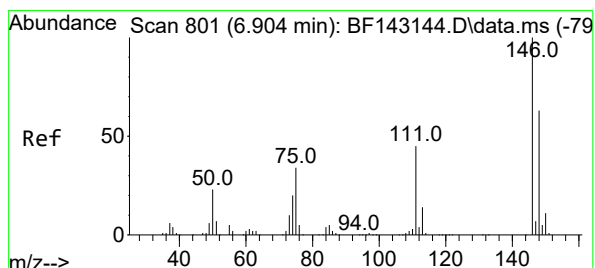
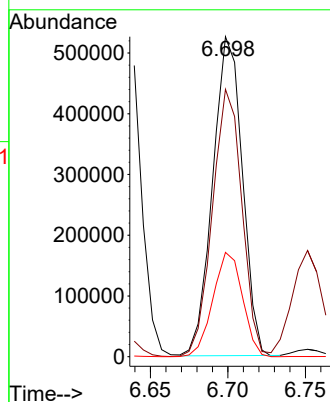
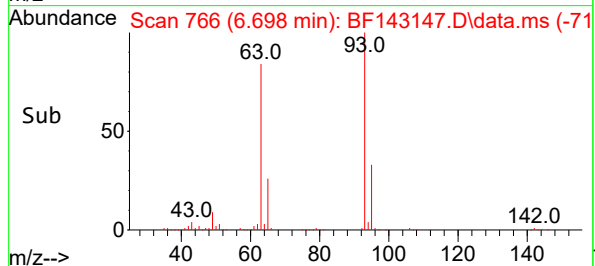
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



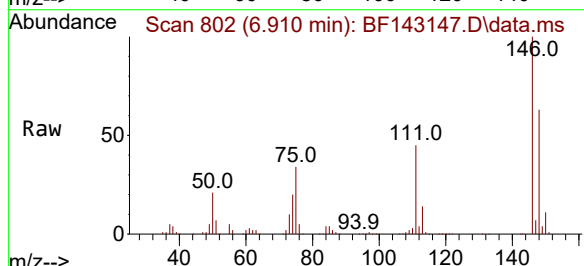
Tgt Ion: 93 Resp: 697649
Ion Ratio Lower Upper
93 100
63 83.6 63.4 103.4
95 32.6 12.4 52.4

Manual Integrations
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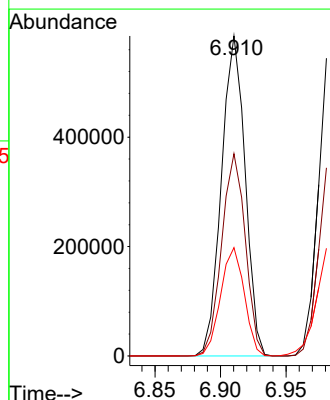
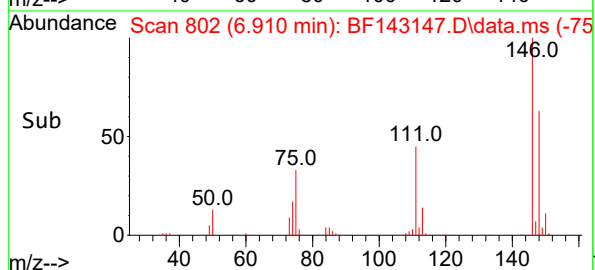
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

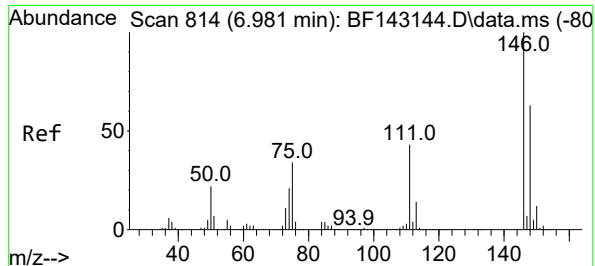


#12
1,3-Dichlorobenzene
Concen: 70.400 ng
RT: 6.910 min Scan# 802
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:146 Resp: 734699
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 70.360 ng

RT: 6.987 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 739462

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

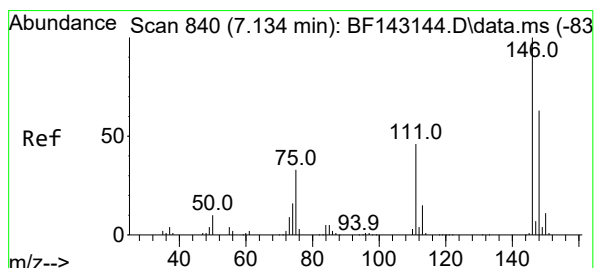
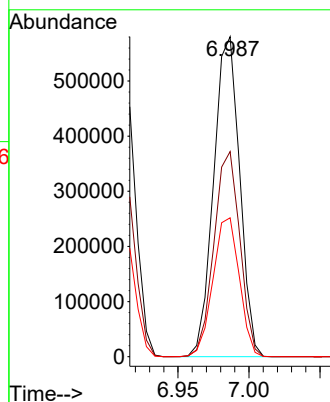
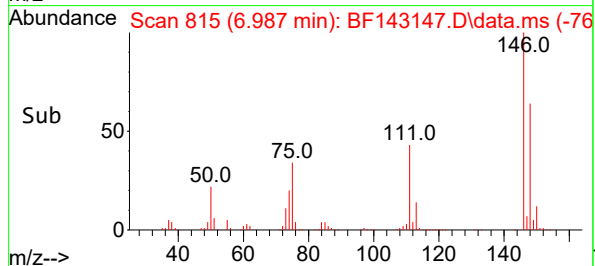
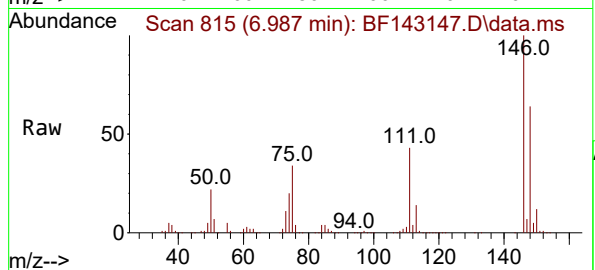
111 43.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 70.958 ng

RT: 7.140 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

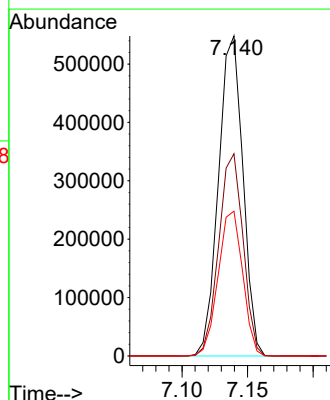
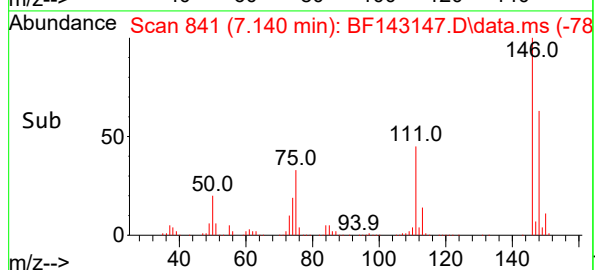
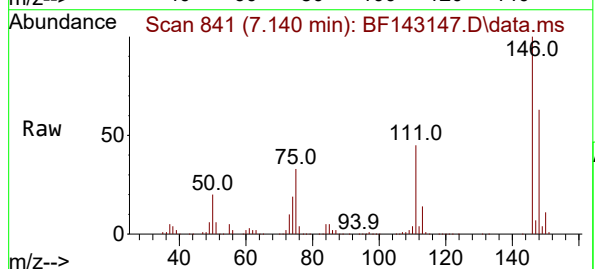
Tgt Ion:146 Resp: 709300

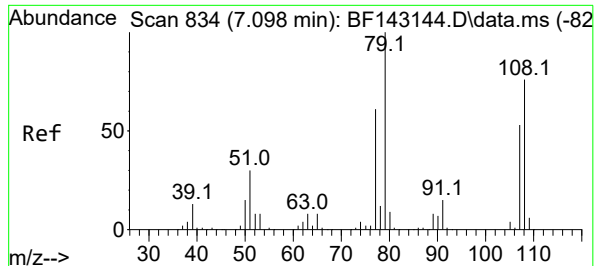
Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

111 45.3 36.6 54.8





#15

Benzyl Alcohol

Concen: 75.139 ng

RT: 7.104 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 66184

Ion Ratio Lower Upper

79 100

108 75.8 61.1 91.7

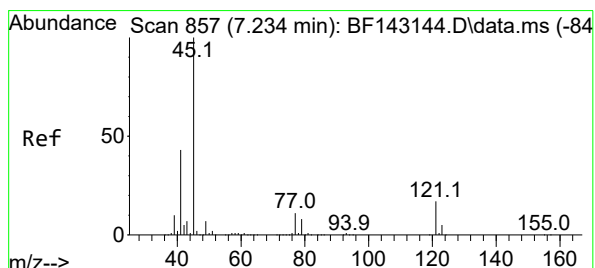
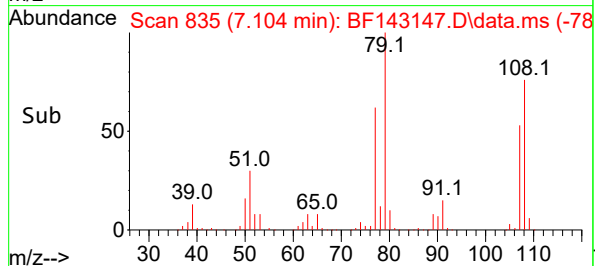
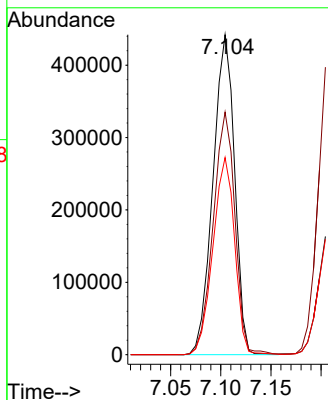
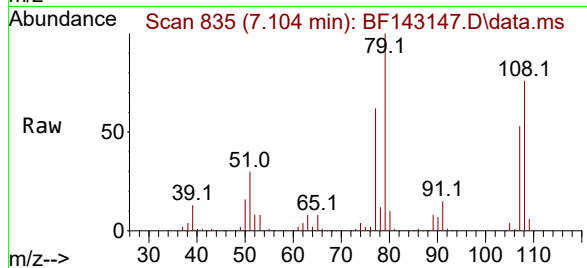
77 61.6 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.902 ng

RT: 7.240 min Scan# 858

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

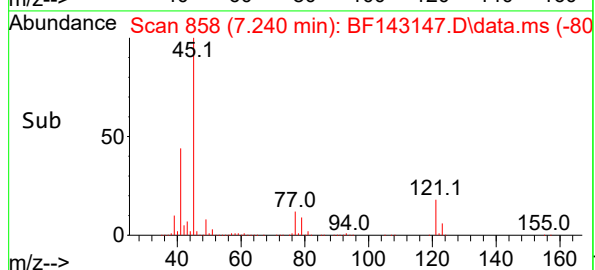
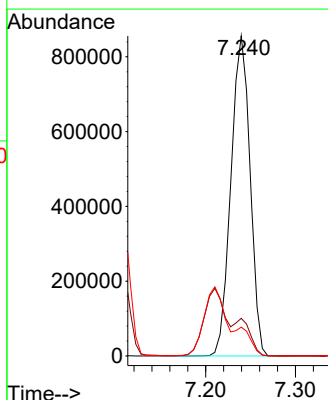
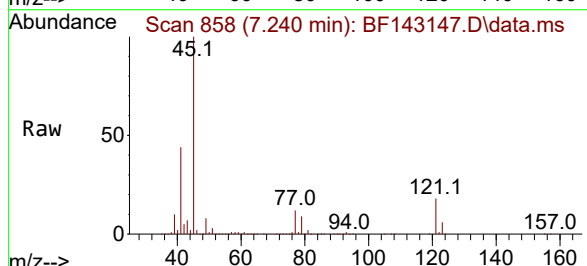
Tgt Ion: 45 Resp: 1265589

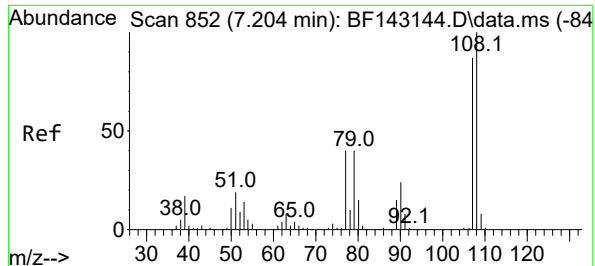
Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.2

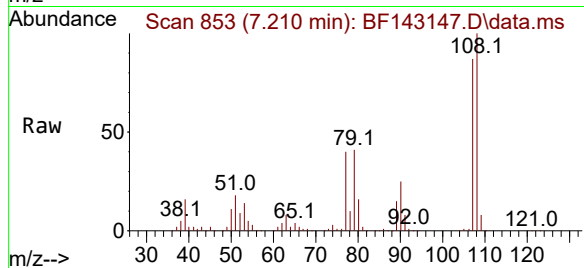
79 9.0 0.0 28.5





#17
2-Methylphenol
Concen: 73.719 ng
RT: 7.210 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

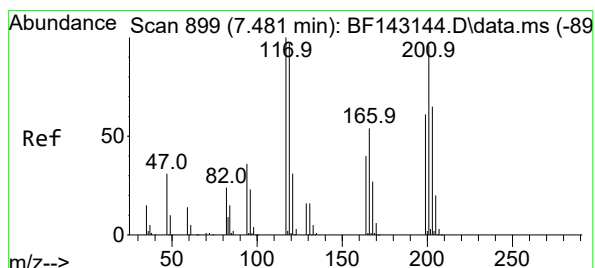
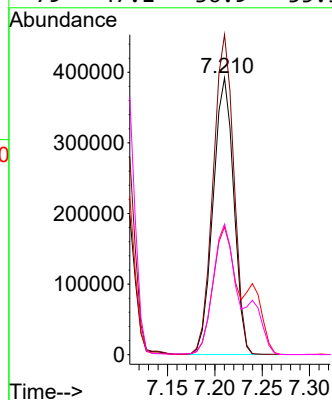
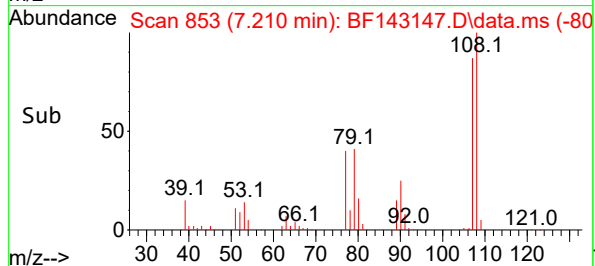
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 59547
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 46.2 37.0 55.6
79 47.1 36.9 55.3

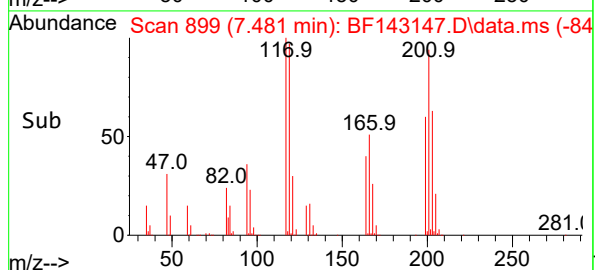
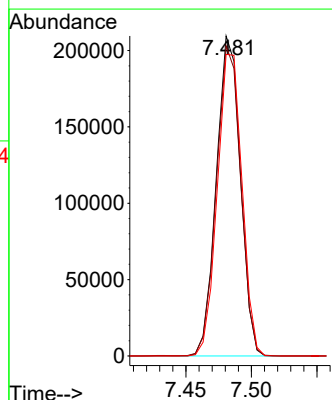
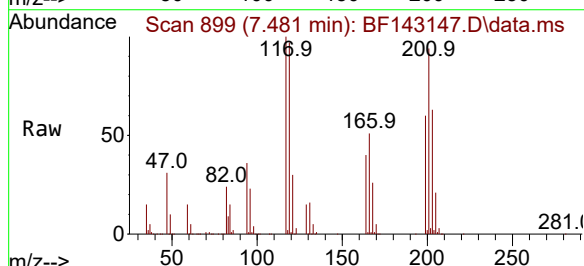
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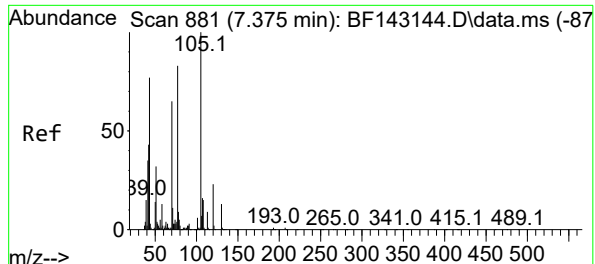
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#18
Hexachloroethane
Concen: 73.293 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:117 Resp: 266665
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.8
201 94.3 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 71.452 ng

RT: 7.387 min Scan# 881

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 528820

Ion Ratio Lower Upper

70 100

42 64.4 52.5 78.7

101 9.9 7.6 11.4

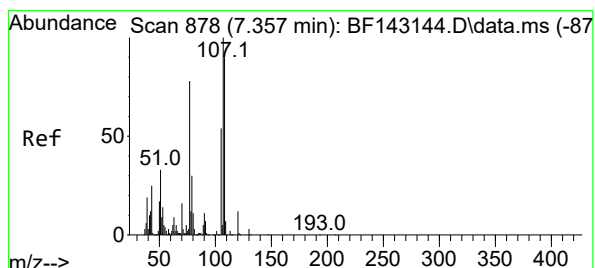
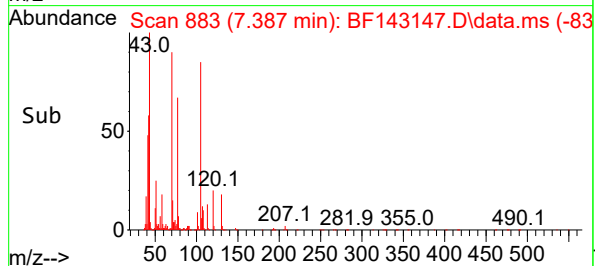
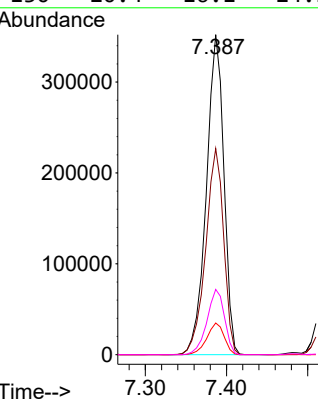
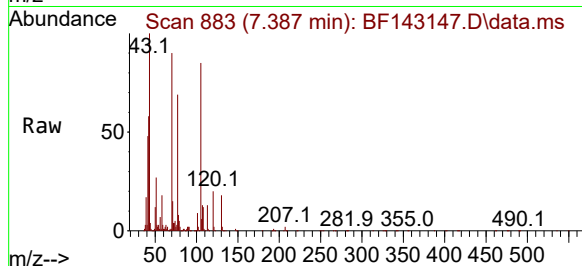
130 20.4 16.1 24.1

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Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

Concen: 68.763 ng

RT: 7.369 min Scan# 880

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Tgt Ion:107 Resp: 673906

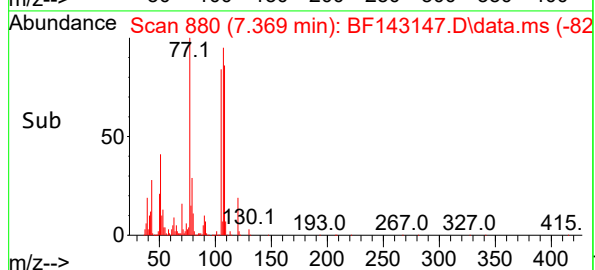
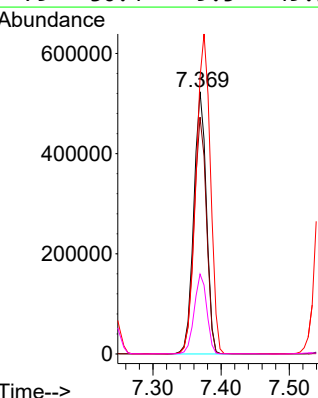
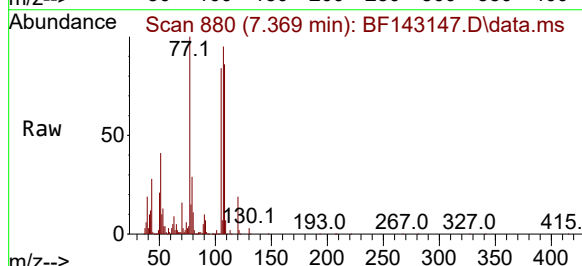
Ion Ratio Lower Upper

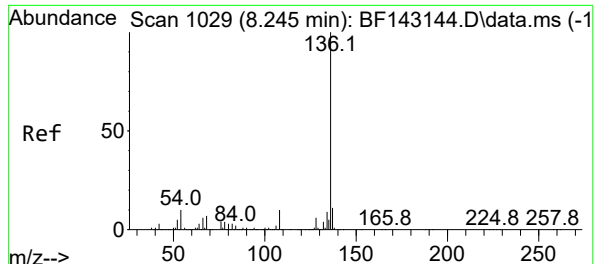
107 100

108 90.3 70.0 110.0

77 105.4 57.8 97.8#

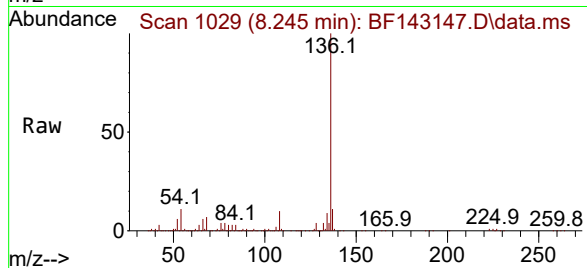
79 30.4 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

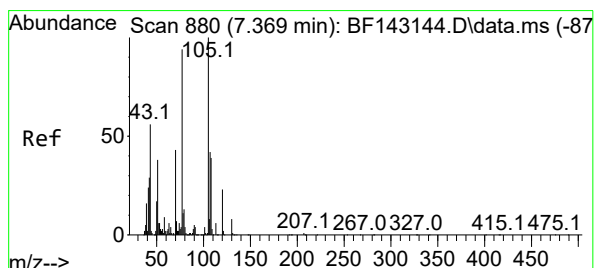
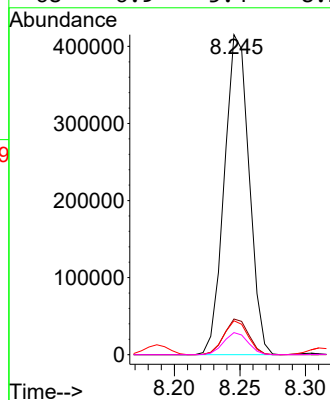
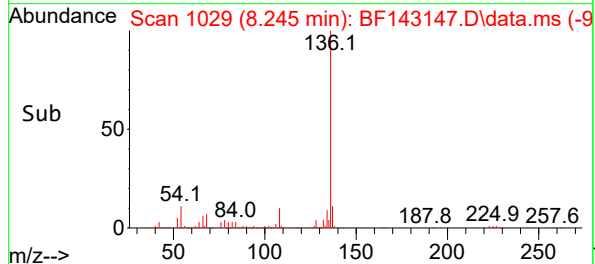
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 544510
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.6 8.2 12.2
68 6.9 5.4 8.2

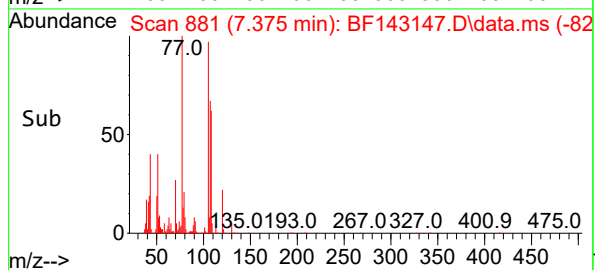
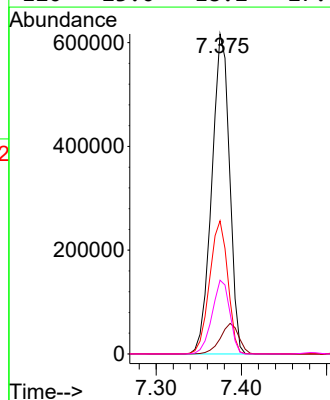
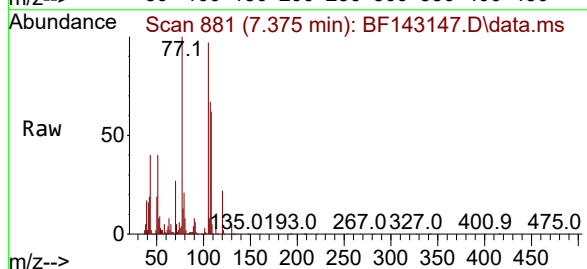
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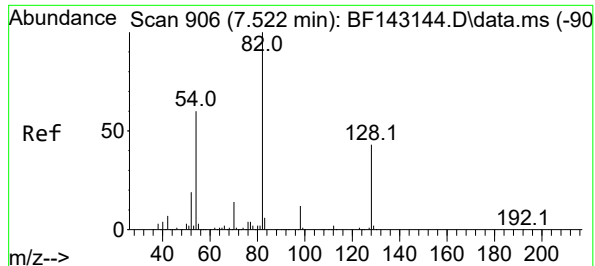
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 69.107 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:105 Resp: 890890
Ion Ratio Lower Upper
105 100
71 4.8 5.8 8.6#
51 41.6 30.2 45.2
120 23.0 18.2 27.4





#23

Nitrobenzene-d5

Concen: 150.551 ng

RT: 7.534 min Scan# 906

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 164458

Ion Ratio Lower Upper

82 100

128 43.4 33.6 50.4

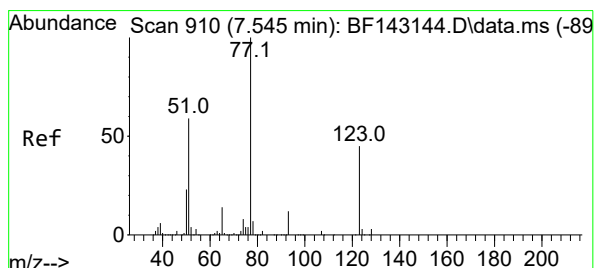
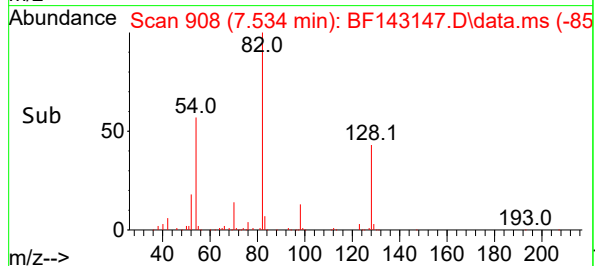
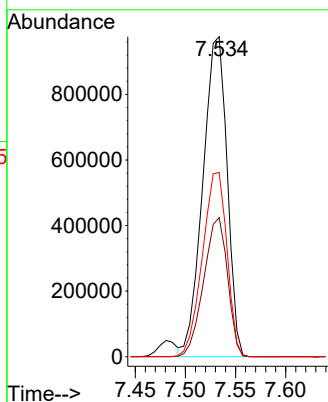
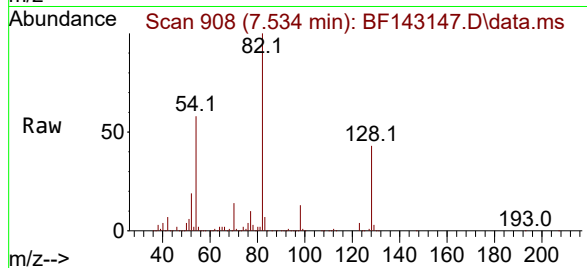
54 57.5 47.1 70.7

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Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 73.836 ng

RT: 7.551 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

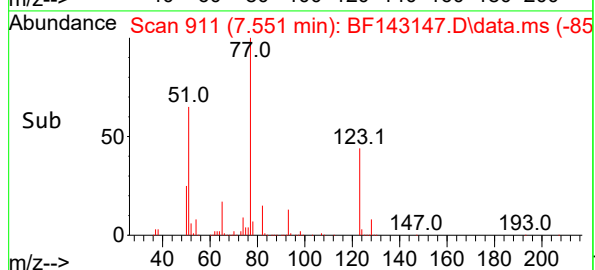
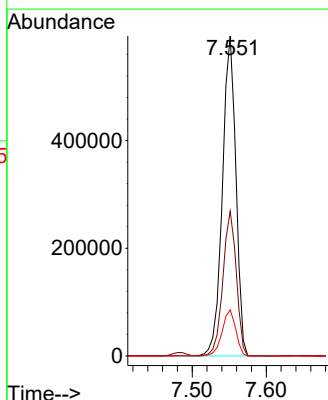
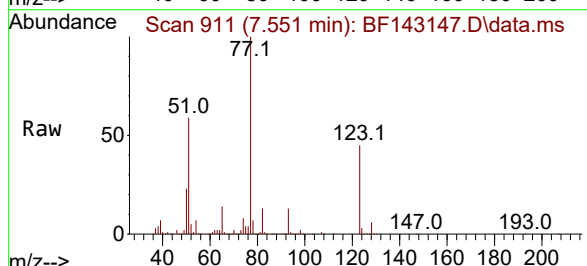
Tgt Ion: 77 Resp: 751964

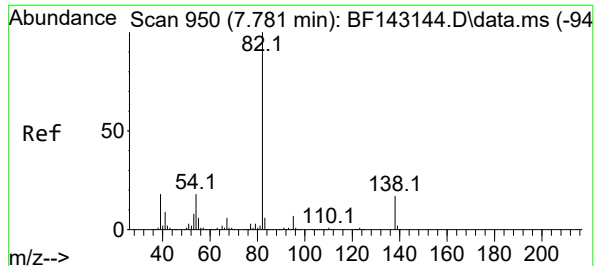
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

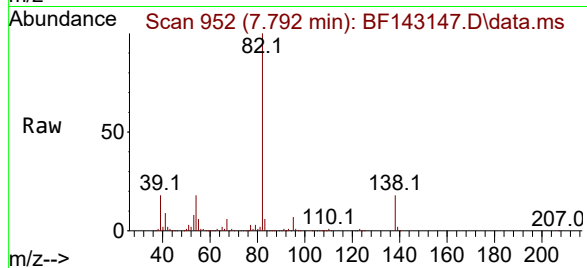
65 14.4 11.4 17.2





#25
Isophorone
Concen: 75.366 ng
RT: 7.792 min Scan# 952
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

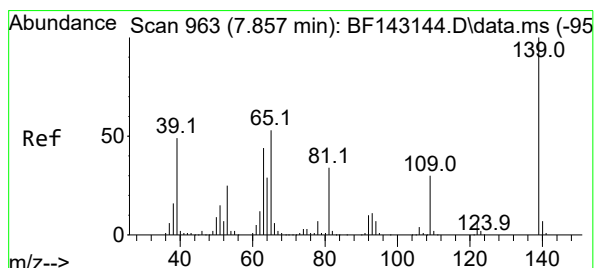
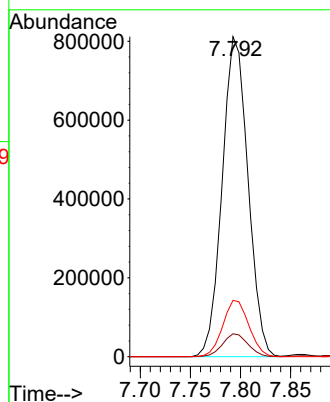
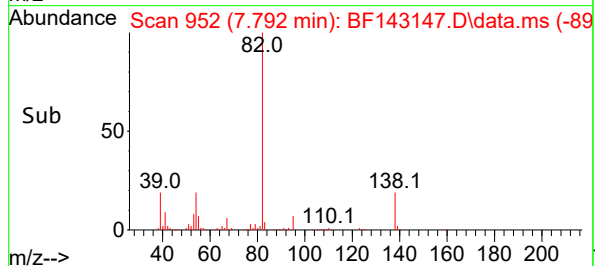
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 145335
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.6 13.8 20.8

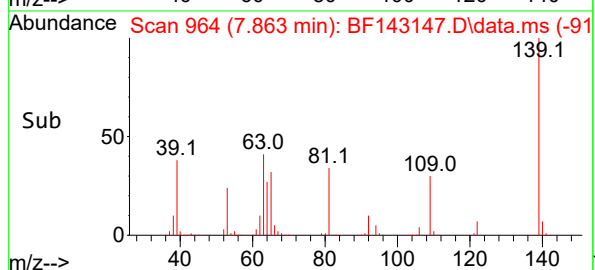
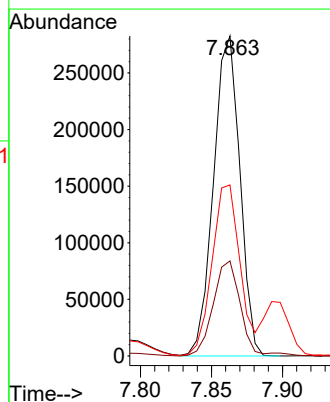
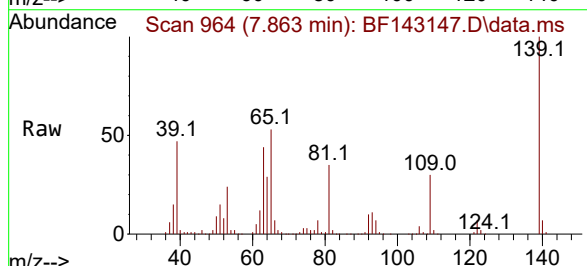
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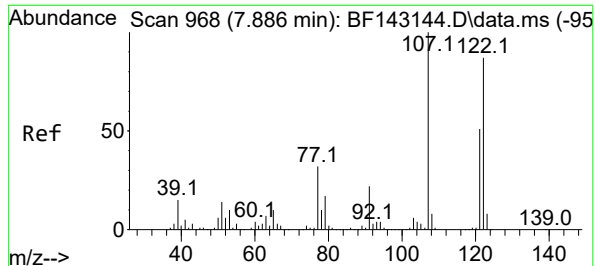
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26
2-Nitrophenol
Concen: 82.568 ng
RT: 7.863 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:139 Resp: 364951
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 53.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 72.050 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 64914

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

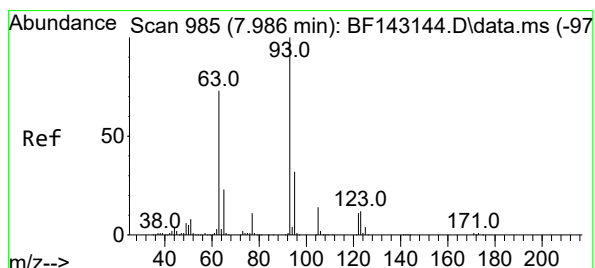
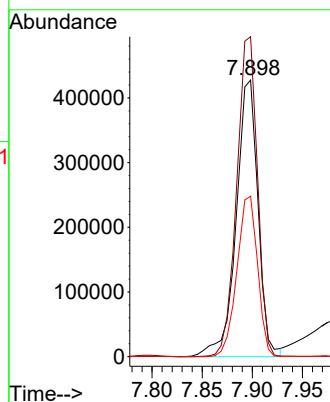
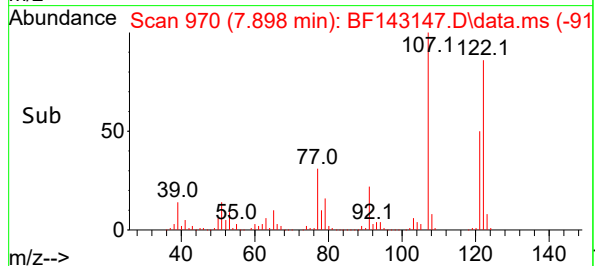
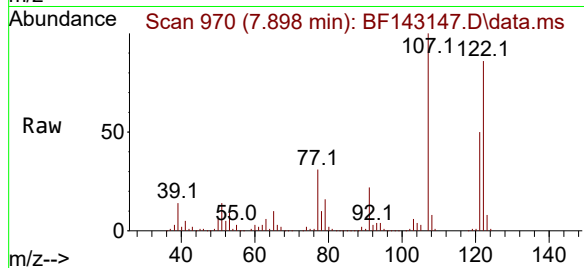
121 58.0 46.3 69.5

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Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 72.134 ng

RT: 7.992 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

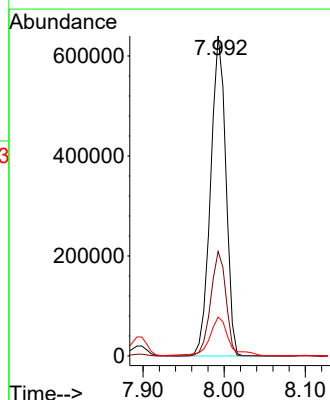
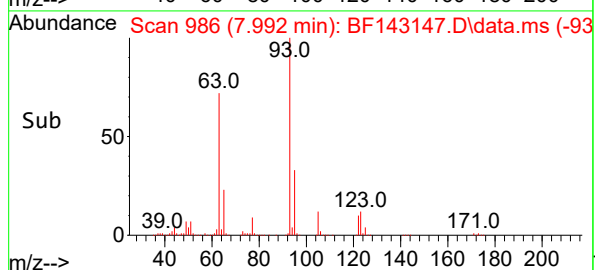
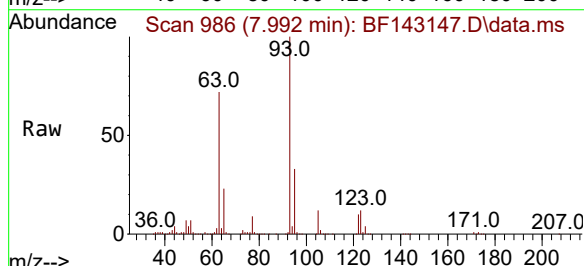
Tgt Ion: 93 Resp: 834021

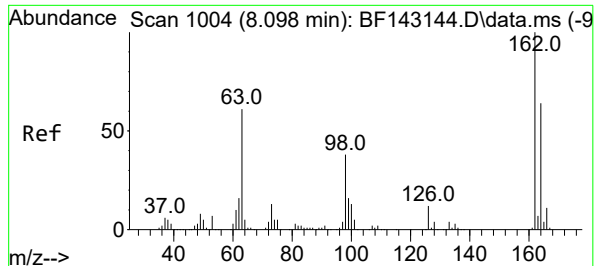
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 73.527 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 55866

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

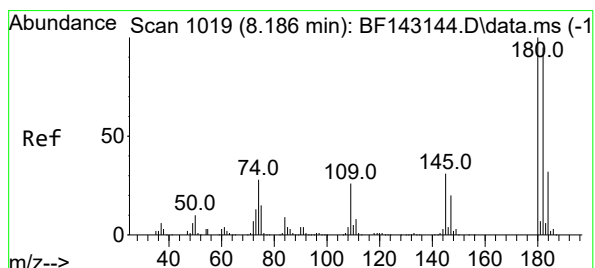
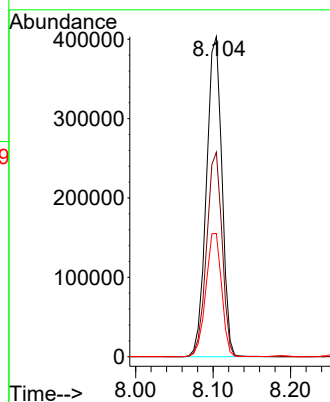
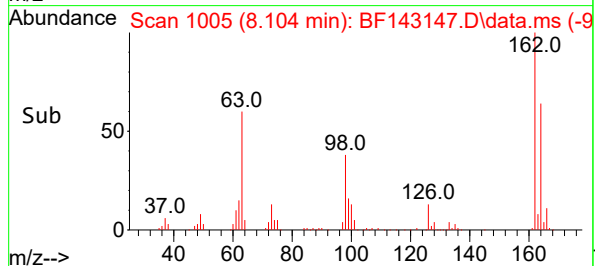
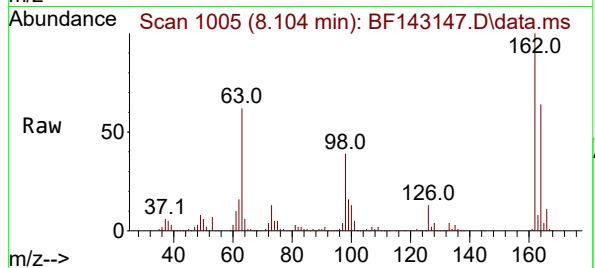
98 38.5 17.9 57.9

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 71.673 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

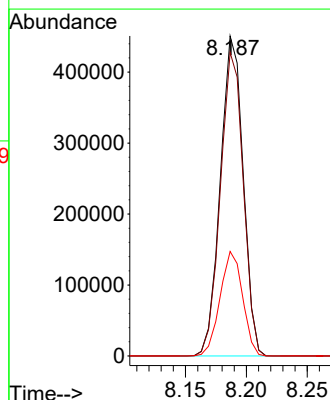
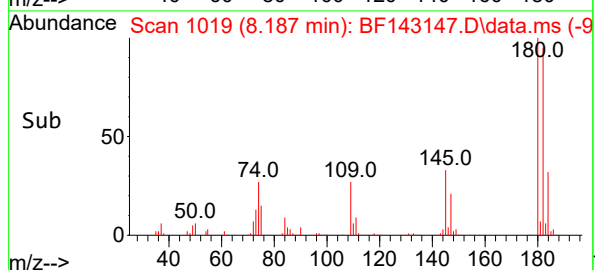
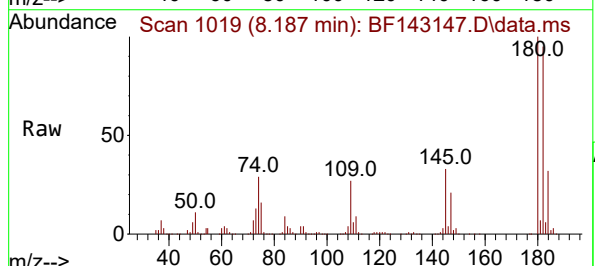
Tgt Ion:180 Resp: 588333

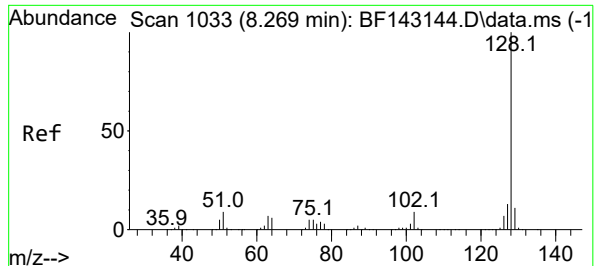
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

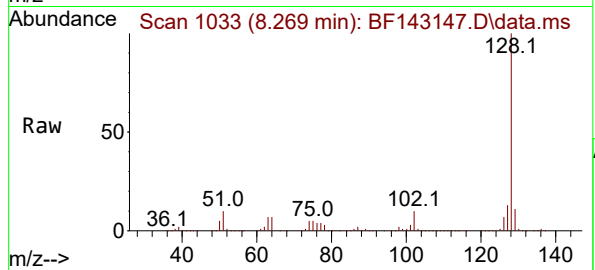
145 32.7 25.0 37.6





#31
Naphthalene
Concen: 69.150 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

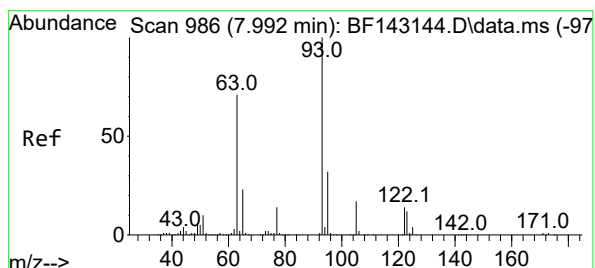
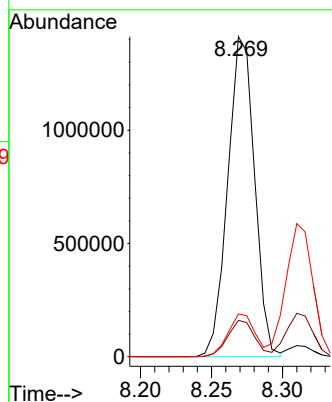
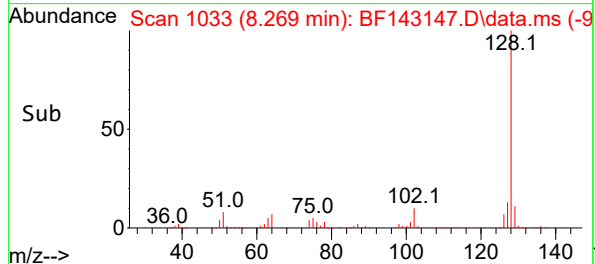
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 185438
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 16.0

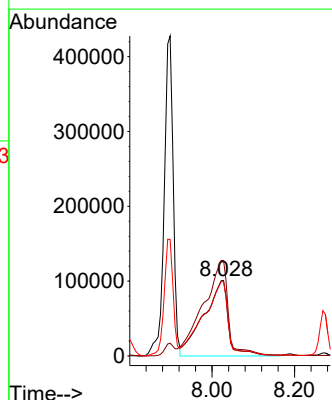
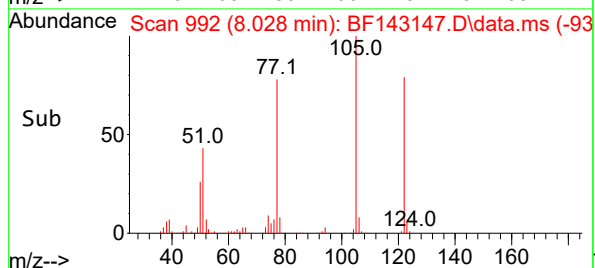
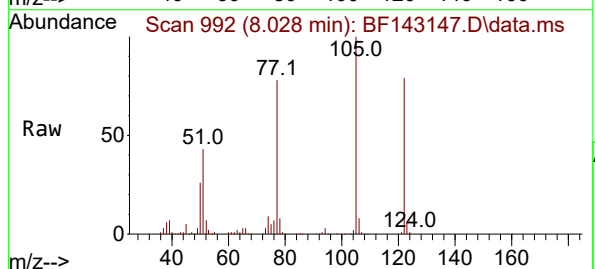
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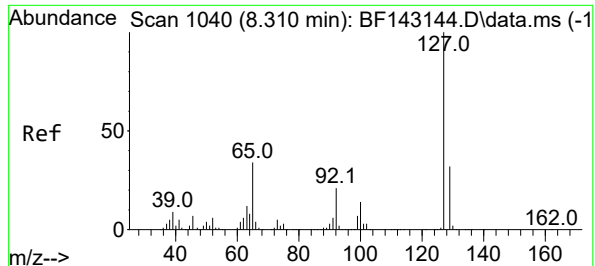
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 79.801 ng m
RT: 8.028 min Scan# 992
Delta R.T. 0.036 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

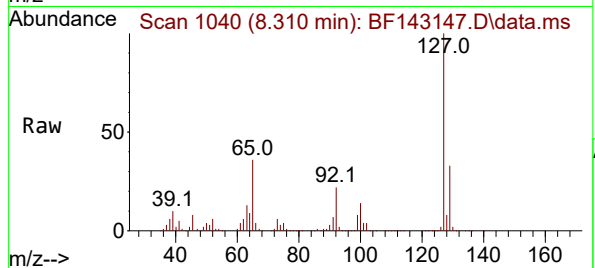
Tgt Ion:122 Resp: 423625
Ion Ratio Lower Upper
122 100
105 126.7 104.8 144.8
77 98.6 77.6 117.6





#33
4-Chloroaniline
Concen: 71.895 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

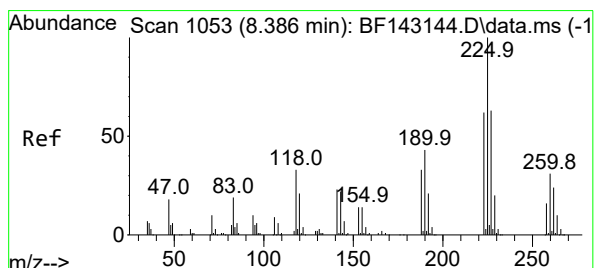
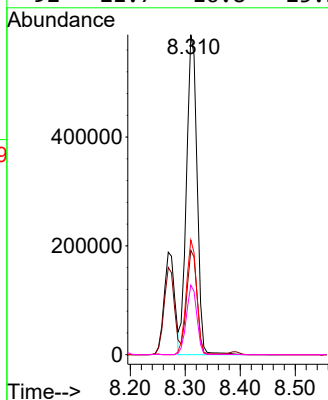
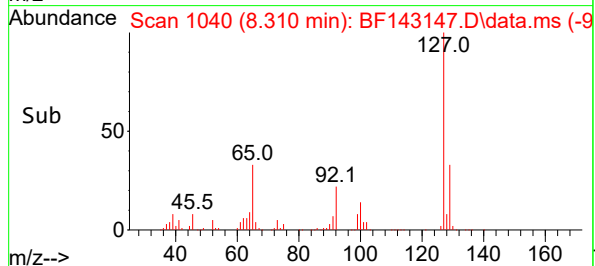
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



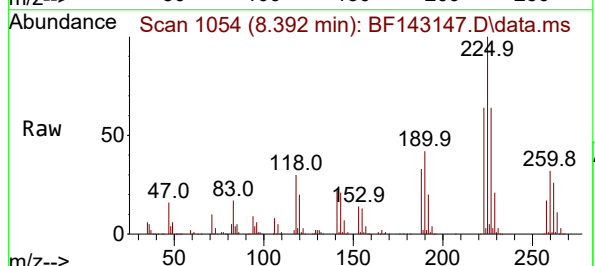
Tgt Ion:127 Resp: 78724
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 35.9 27.4 41.2
92 21.7 16.8 25.2

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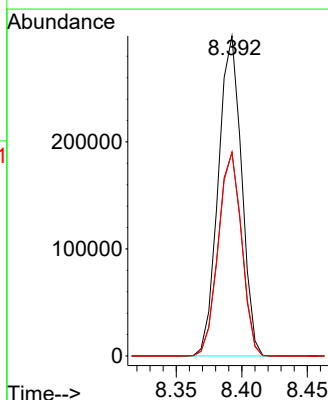
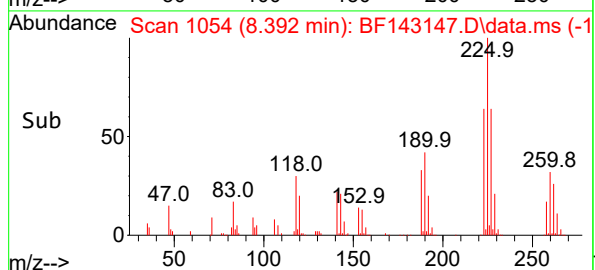
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

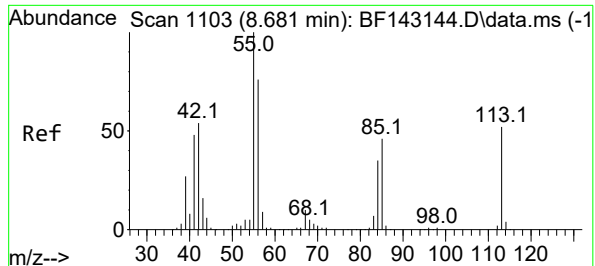


#34
Hexachlorobutadiene
Concen: 73.453 ng
RT: 8.392 min Scan# 1054
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



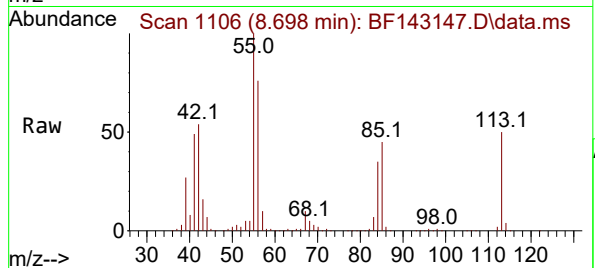
Tgt Ion:225 Resp: 368327
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.6
227 63.7 50.2 75.4





#35
Caprolactam
Concen: 77.644 ng
RT: 8.698 min Scan# 1106
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

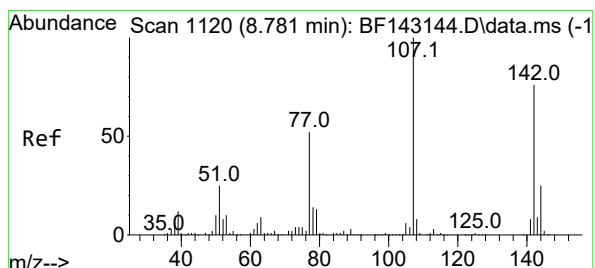
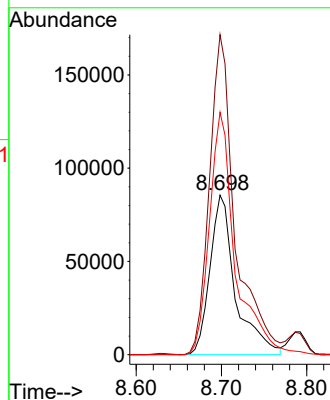
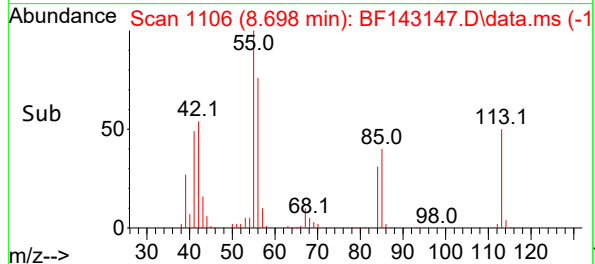
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 17827
Ion Ratio Lower Upper
113 100
55 200.6 174.0 214.0
56 152.0 126.6 166.6

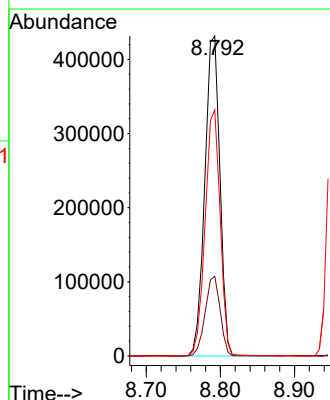
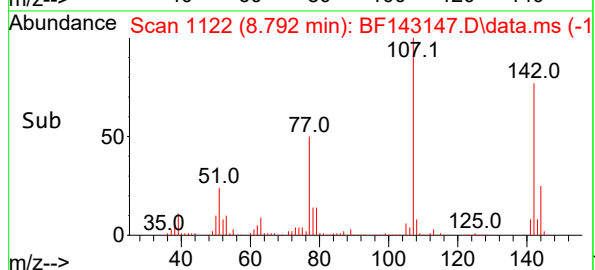
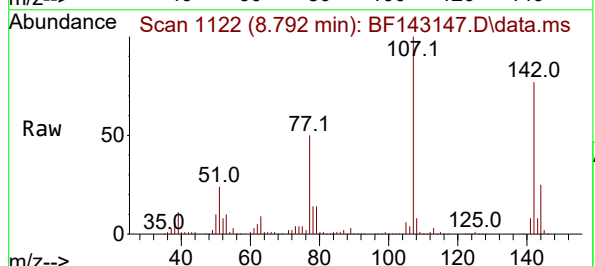
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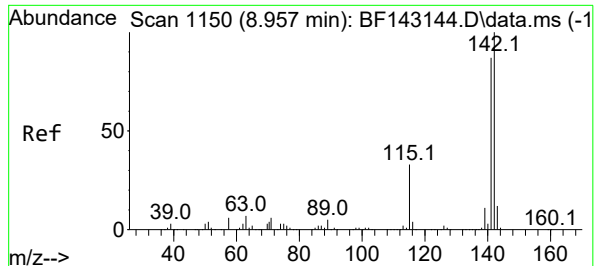
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#36
4-Chloro-3-methylphenol
Concen: 74.354 ng
RT: 8.792 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

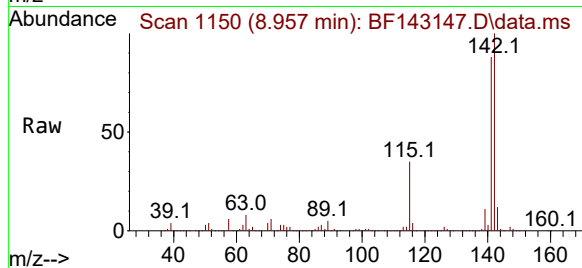
Tgt Ion:107 Resp: 614048
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 76.9 60.6 90.8





#37
2-Methylnaphthalene
Concen: 69.687 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

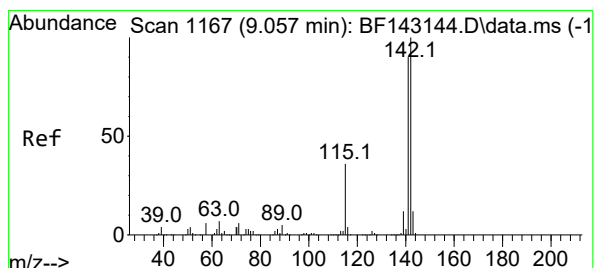
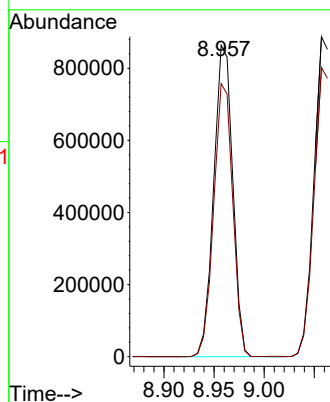
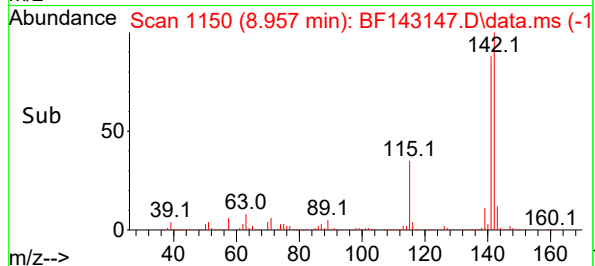
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1137170
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

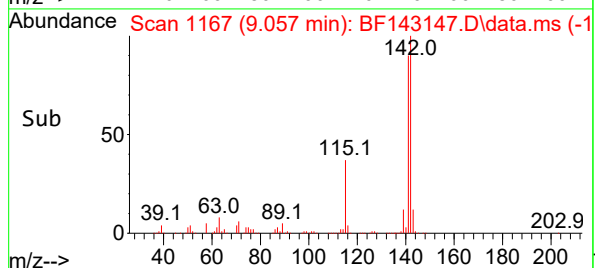
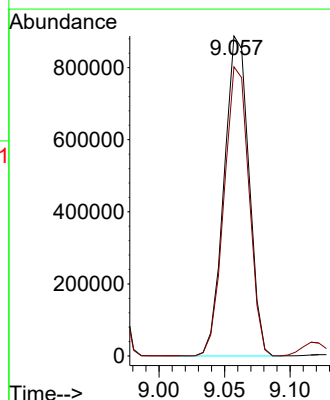
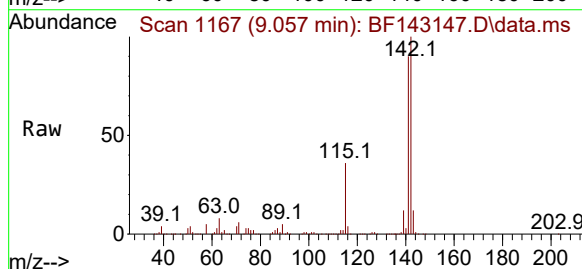
Manual Integrations
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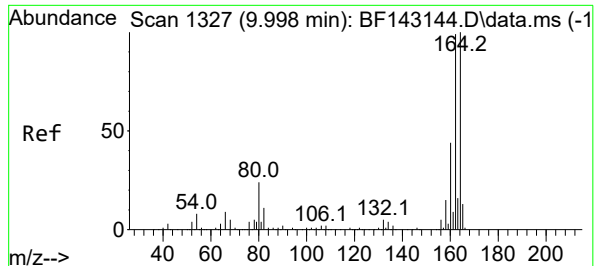
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 69.550 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

Tgt Ion:142 Resp: 1168702
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 275619

Ion Ratio Lower Upper

164 100

162 99.2 79.0 118.6

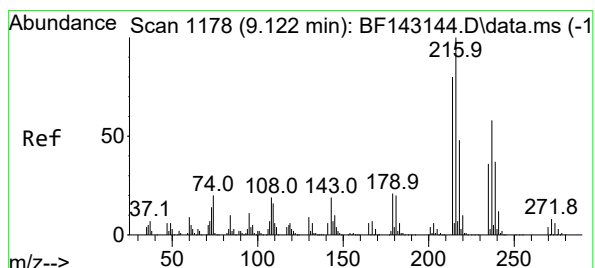
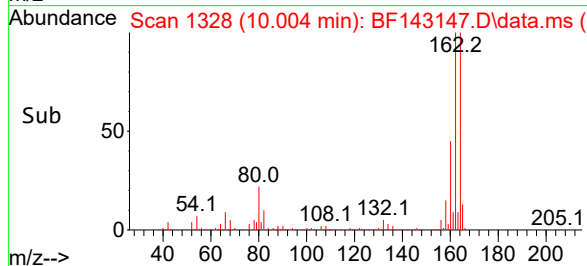
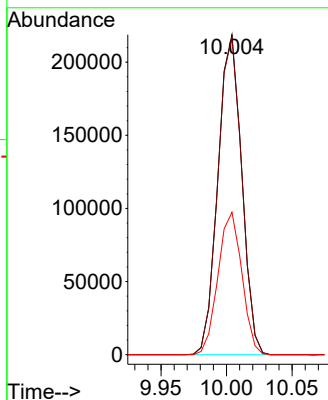
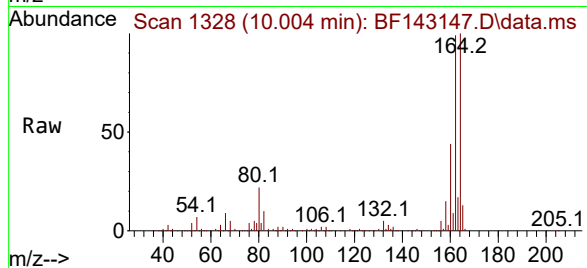
160 44.5 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.389 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Tgt Ion:216 Resp: 568070

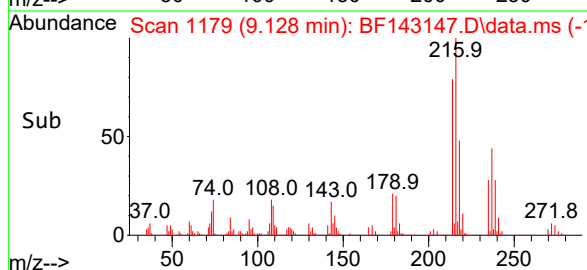
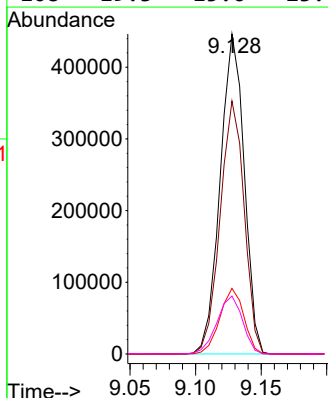
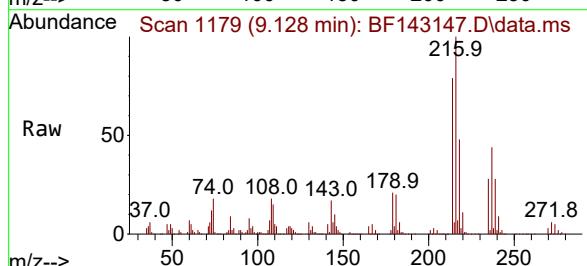
Ion Ratio Lower Upper

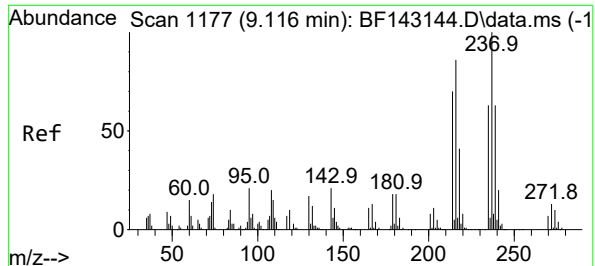
216 100

214 78.9 63.8 95.8

179 20.4 16.4 24.6

108 19.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 79.719 ng

RT: 9.122 min Scan# 1177

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:237 Resp: 412750

Ion Ratio Lower Upper

237 100

235 63.2 43.0 83.0

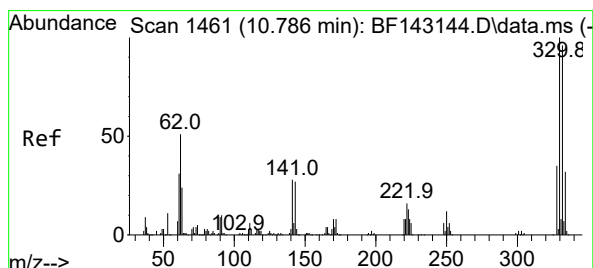
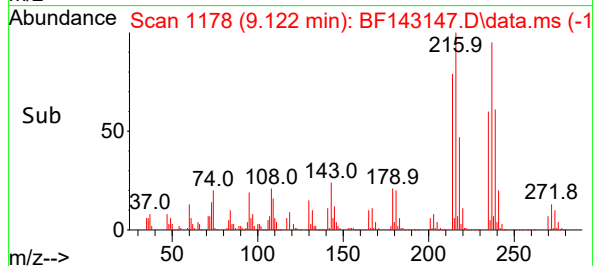
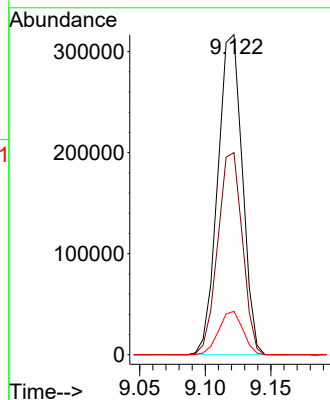
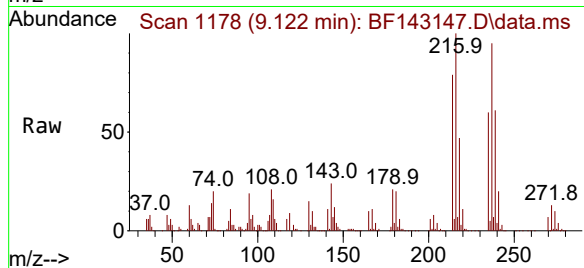
272 13.6 0.0 33.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 153.498 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

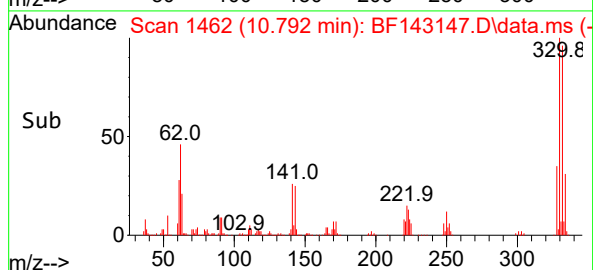
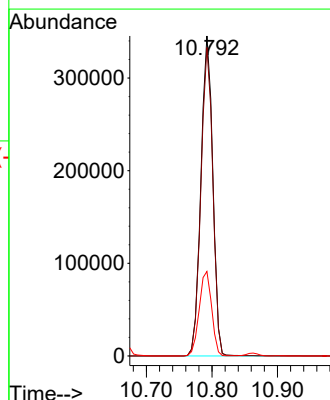
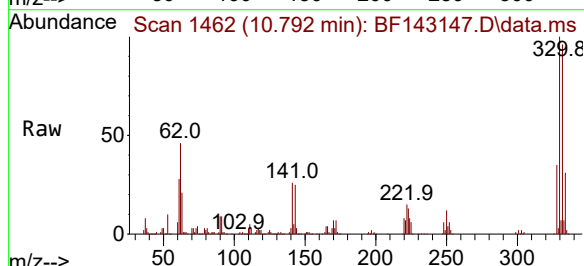
Tgt Ion:330 Resp: 437054

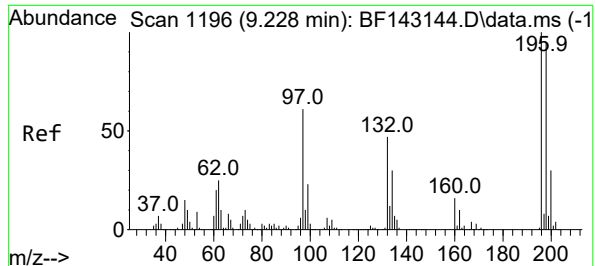
Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 27.7 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 74.838 ng

RT: 9.234 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143147.D

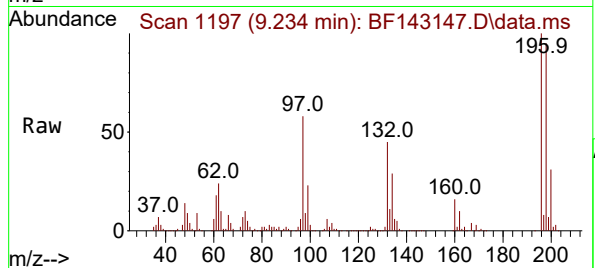
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 412148

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

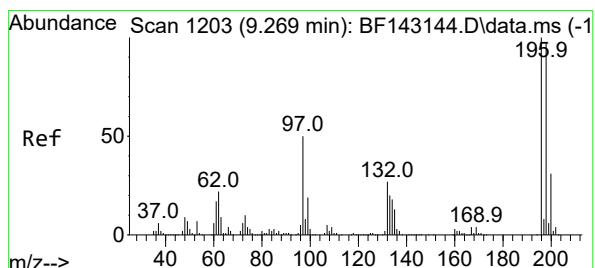
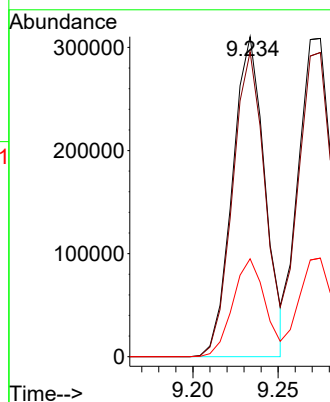
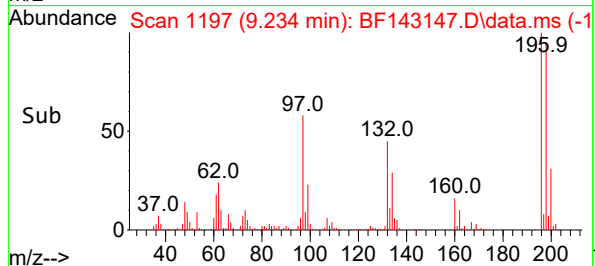
200 30.6 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

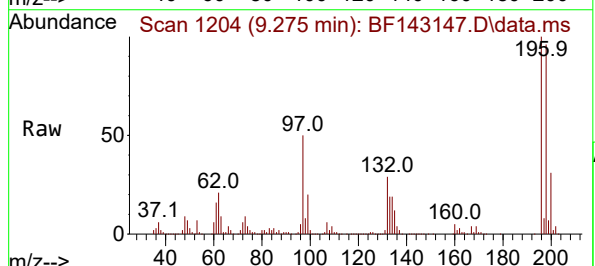
Concen: 76.888 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34



Tgt Ion:196 Resp: 423565

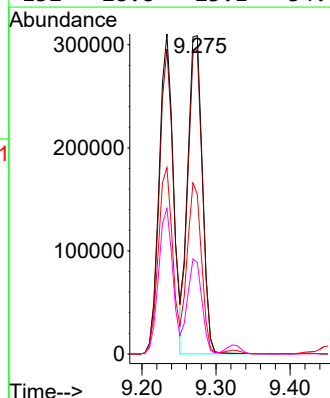
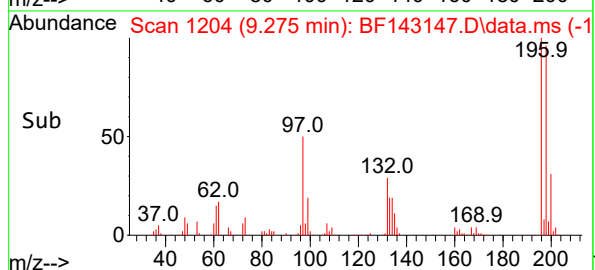
Ion Ratio Lower Upper

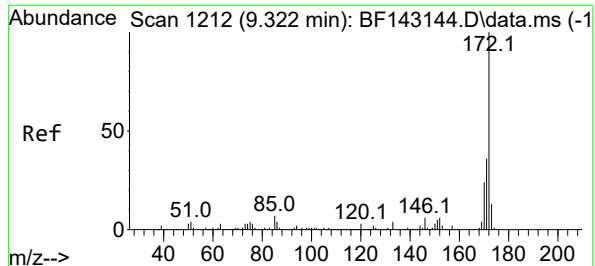
196 100

198 95.6 77.3 115.9

97 50.1 40.3 60.5

132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 130.157 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:172 Resp: 262307

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

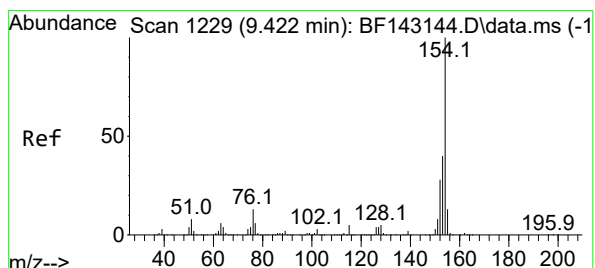
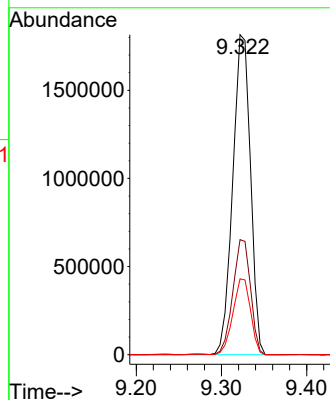
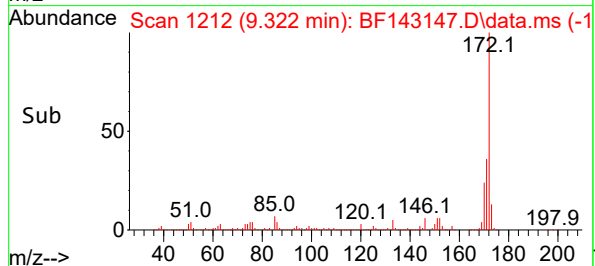
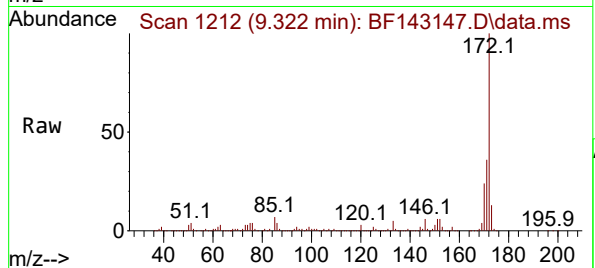
170 23.7 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 69.388 ng

RT: 9.428 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

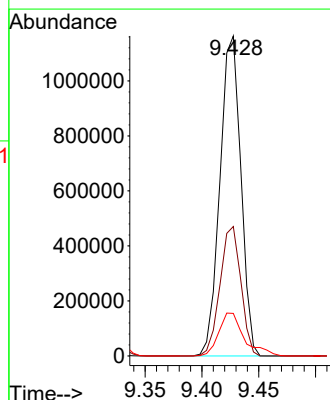
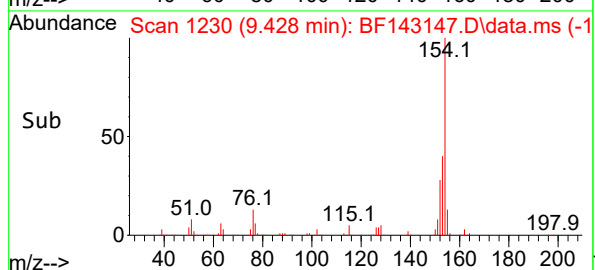
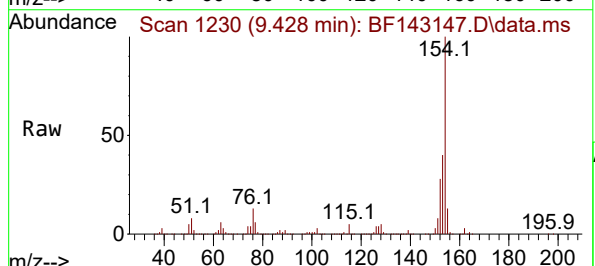
Tgt Ion:154 Resp: 1492094

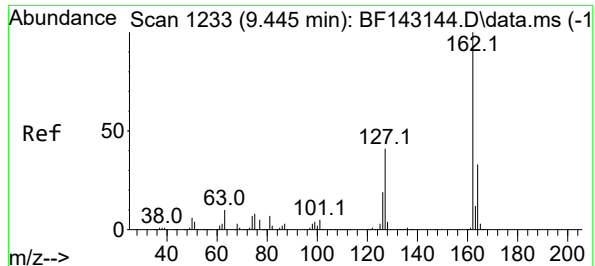
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 71.122 ng

RT: 9.451 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 1131620

Ion Ratio Lower Upper

162 100

127 42.2 33.4 50.2

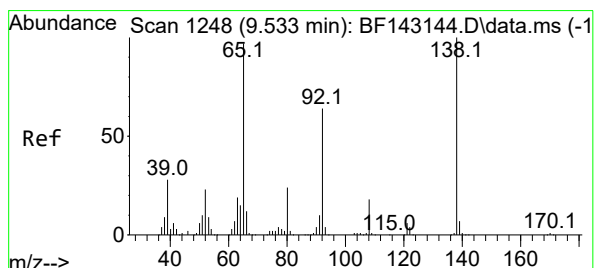
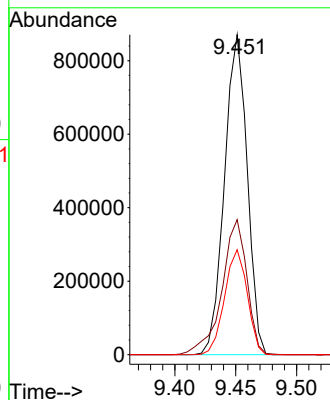
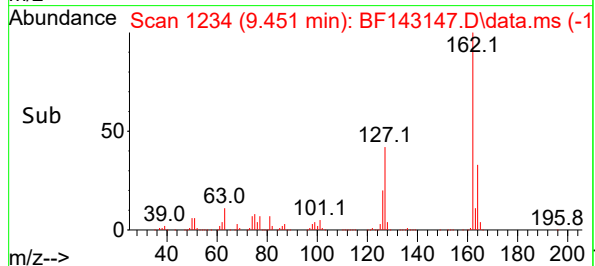
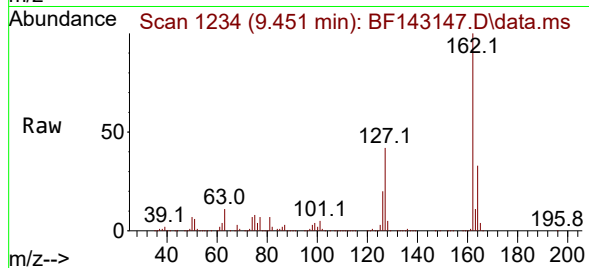
164 32.8 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

Concen: 80.971 ng

RT: 9.534 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

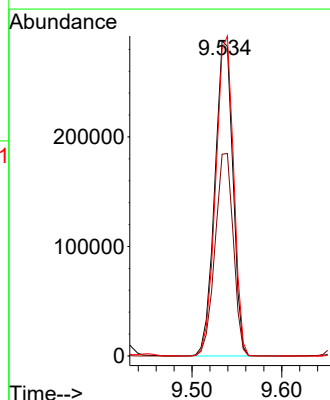
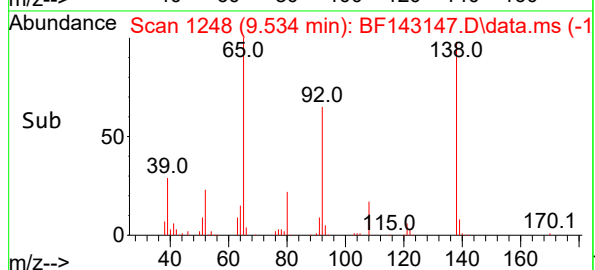
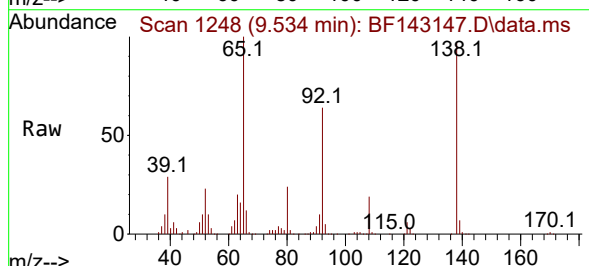
Tgt Ion: 65 Resp: 404023

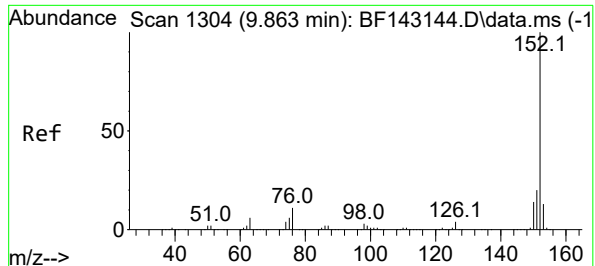
Ion Ratio Lower Upper

65 100

92 64.0 52.4 78.6

138 97.3 82.3 123.5





#49

Acenaphthylene

Concen: 70.057 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1868062

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

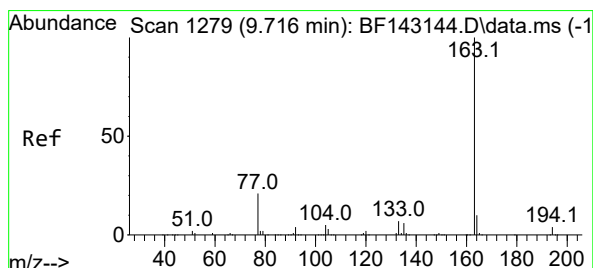
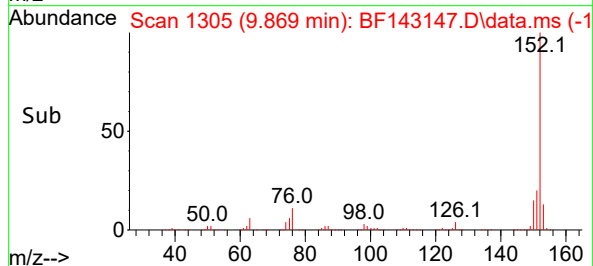
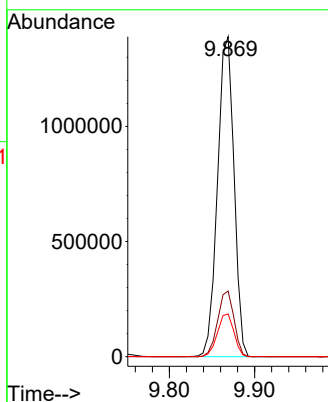
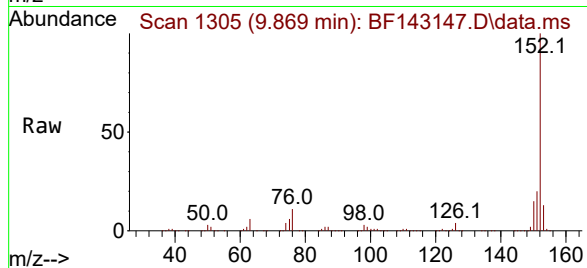
153 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

Concen: 71.723 ng

RT: 9.728 min Scan# 1281

Delta R.T. 0.012 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

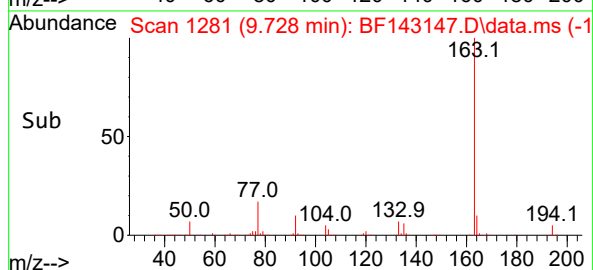
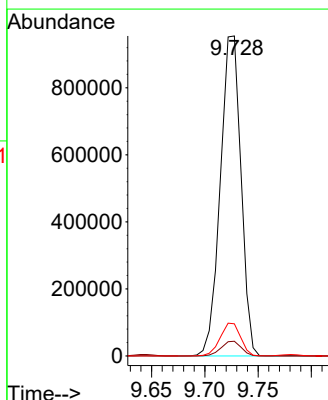
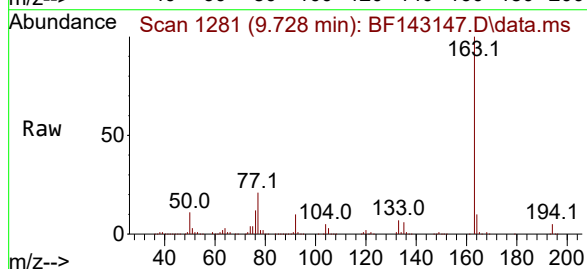
Tgt Ion:163 Resp: 1288559

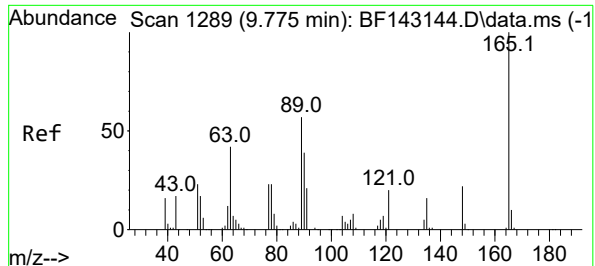
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

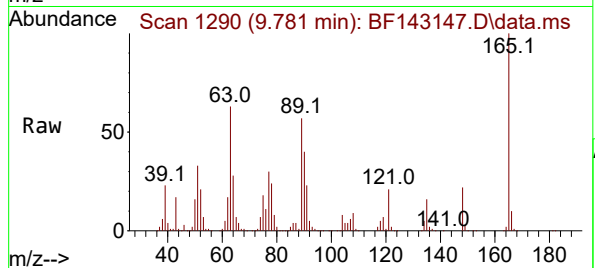
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 80.093 ng
RT: 9.781 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

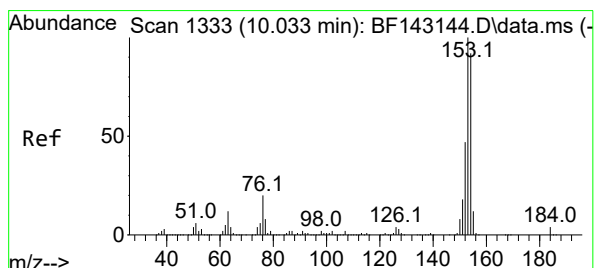
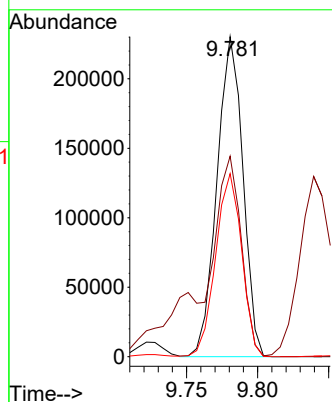
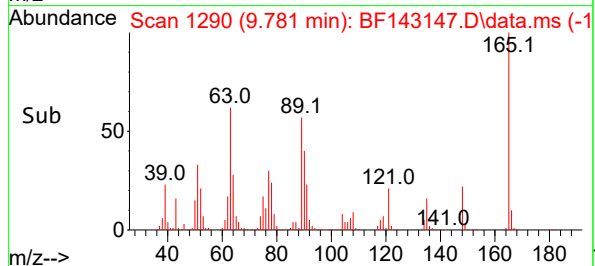
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 292718
Ion Ratio Lower Upper
165 100
63 62.6 49.4 74.2
89 57.2 46.2 69.2

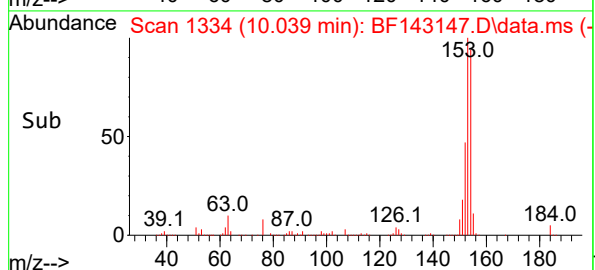
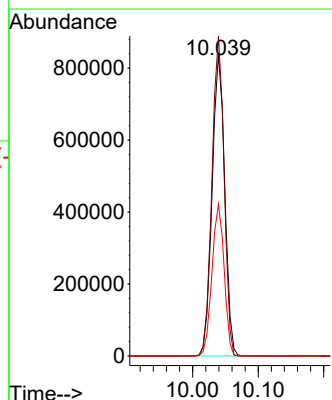
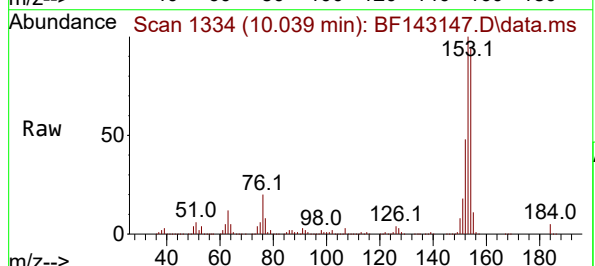
Manual Integrations
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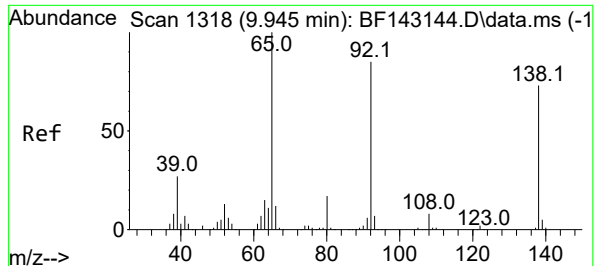
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 71.086 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

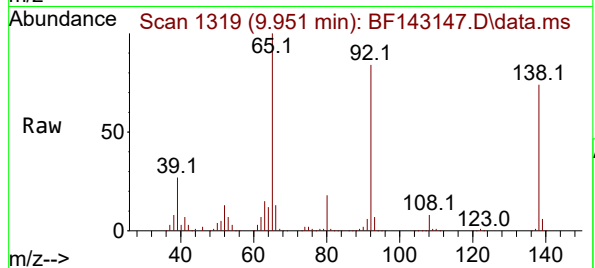
Tgt Ion:154 Resp: 1120315
Ion Ratio Lower Upper
154 100
153 106.1 86.6 129.8
152 50.4 40.4 60.6





#53
3-Nitroaniline
Concen: 78.128 ng
RT: 9.951 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

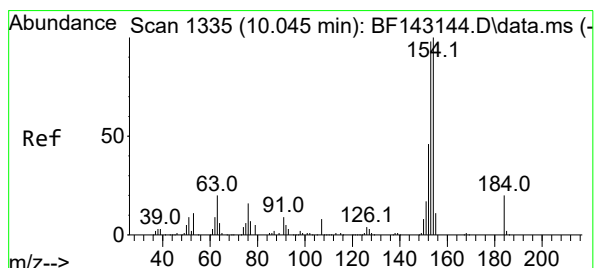
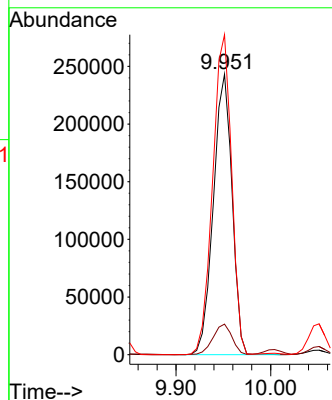
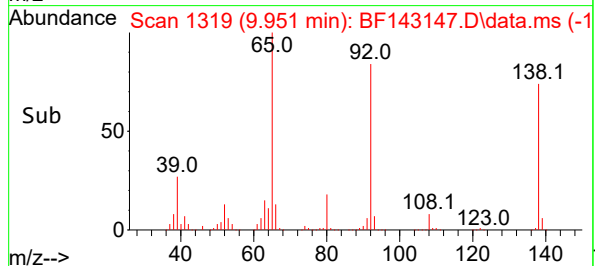
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 333980
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.6
92 114.1 93.0 139.4

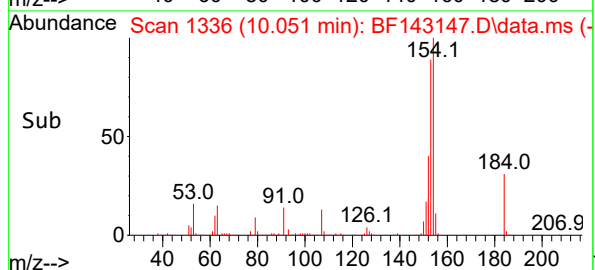
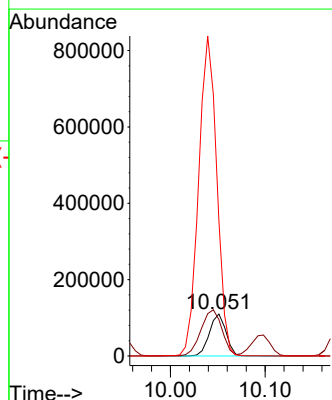
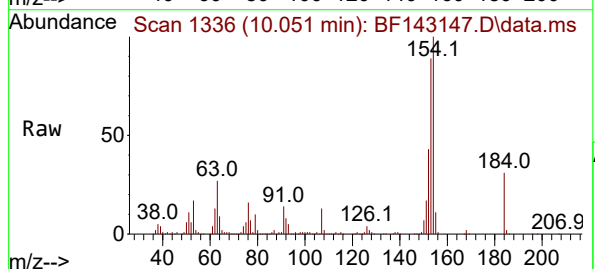
Manual Integrations
APPROVED

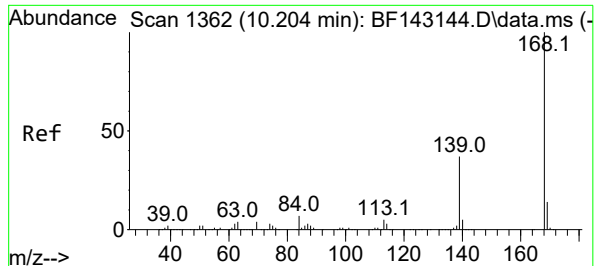
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 80.516 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

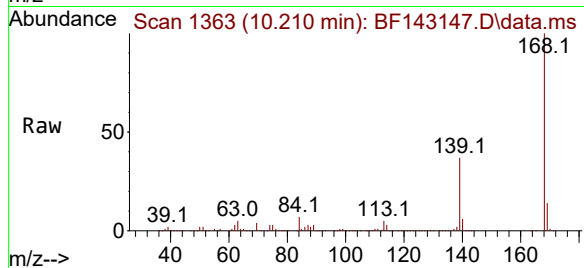
Tgt Ion:184 Resp: 133446
Ion Ratio Lower Upper
184 100
63 86.6 81.8 122.6
154 321.6 412.2 618.4#





#55
Dibenzenofuran
Concen: 69.038 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

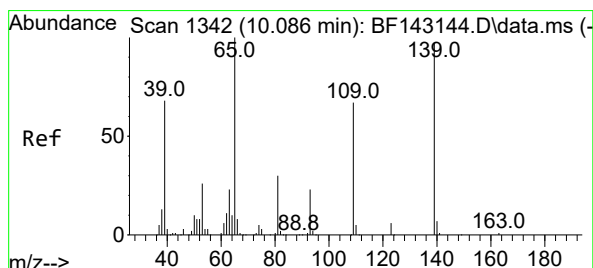
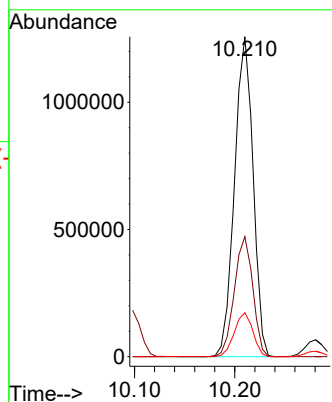
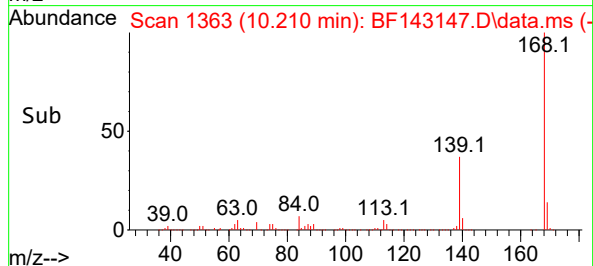
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



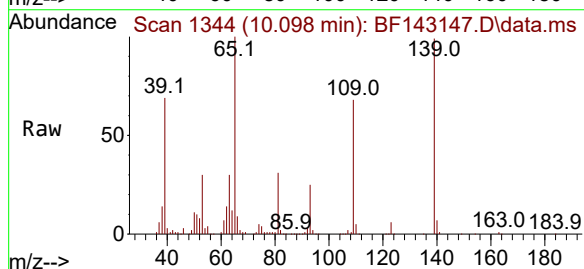
Tgt Ion:168 Resp: 1615399
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3
169 13.8 10.9 16.3

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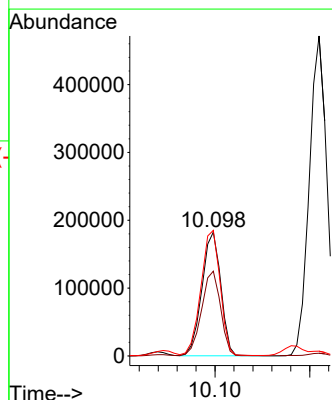
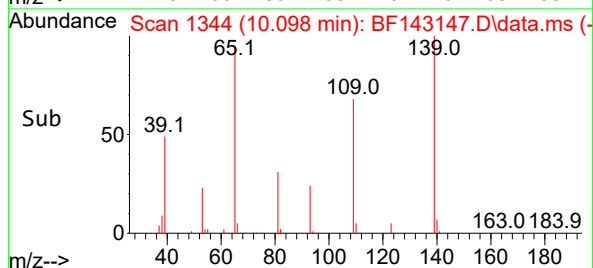
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

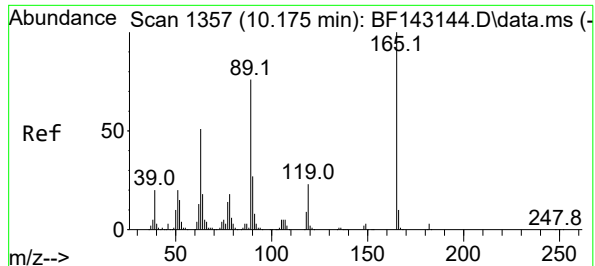


#56
4-Nitrophenol
Concen: 79.161 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



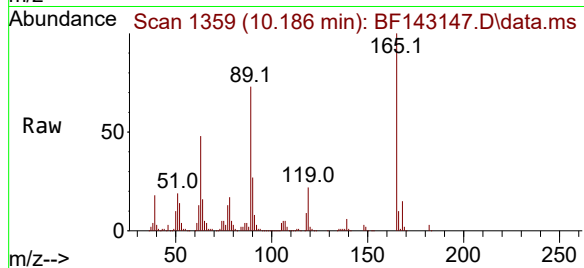
Tgt Ion:139 Resp: 252698
Ion Ratio Lower Upper
139 100
109 68.4 48.5 88.5
65 101.3 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 82.029 ng
RT: 10.186 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

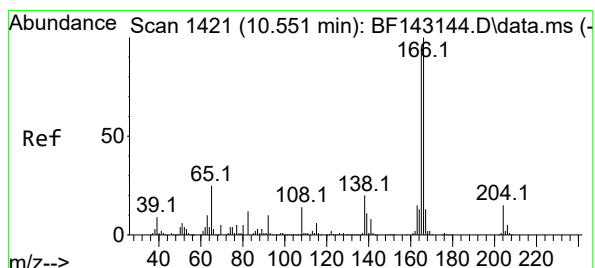
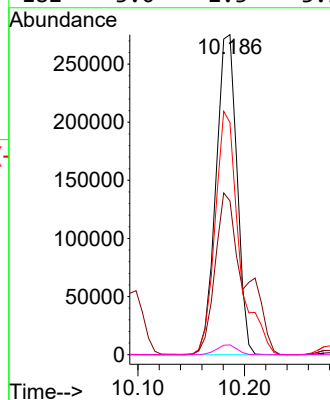
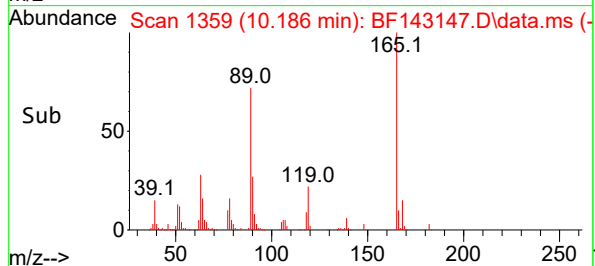
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



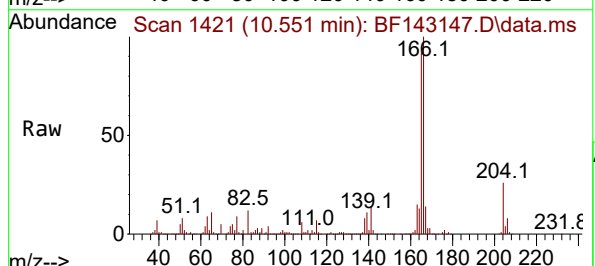
Tgt Ion:165 Resp: 376124
Ion Ratio Lower Upper
165 100
63 48.1 41.0 61.4
89 72.5 61.1 91.7
182 3.0 2.3 3.5

Manual Integrations
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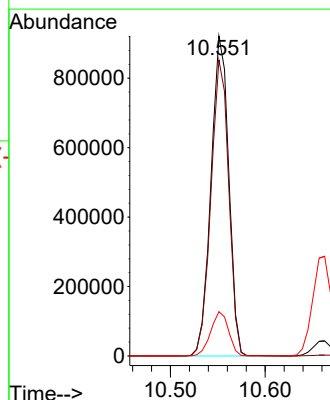
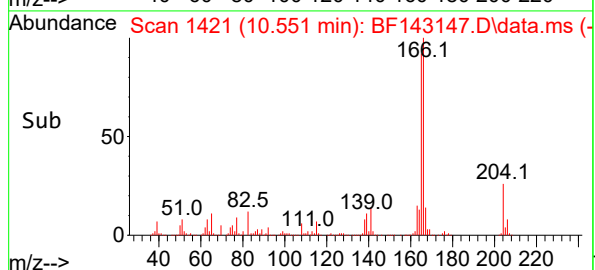
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

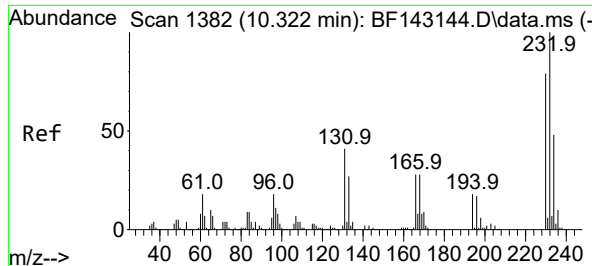


#58
Fluorene
Concen: 68.203 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



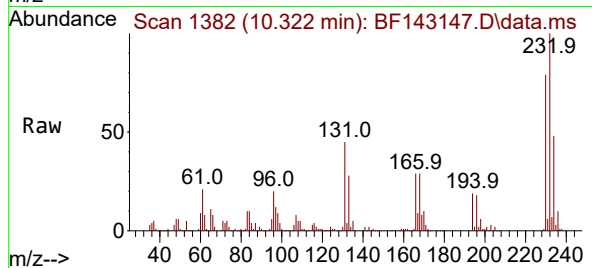
Tgt Ion:166 Resp: 1197731
Ion Ratio Lower Upper
166 100
165 92.5 73.7 110.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 74.533 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

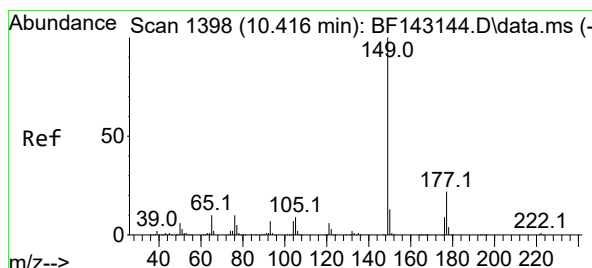
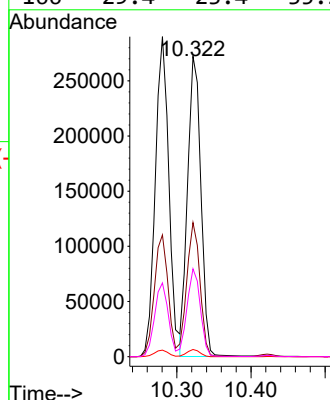
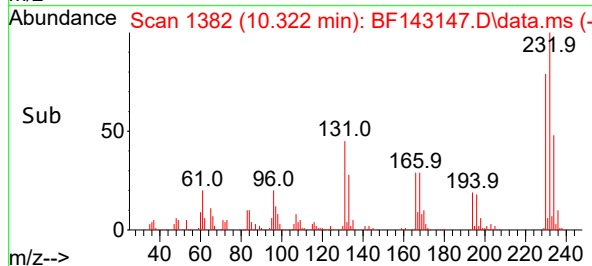
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 340118
Ion Ratio Lower Upper
232 100
131 44.5 35.3 52.9
130 2.4 1.7 2.5
166 29.4 23.4 35.2

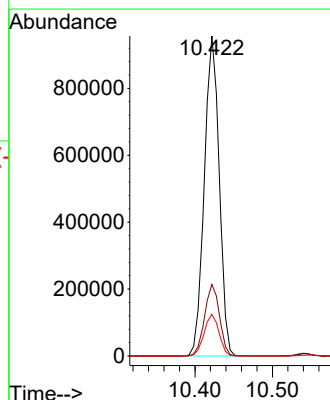
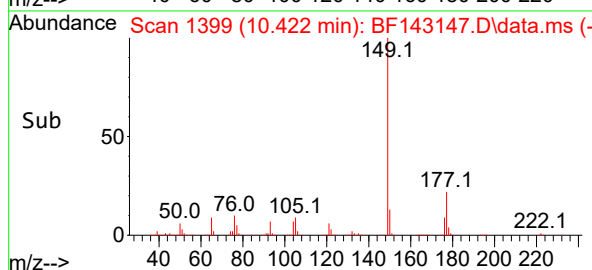
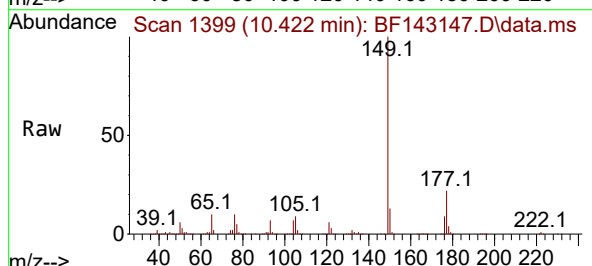
Manual Integrations
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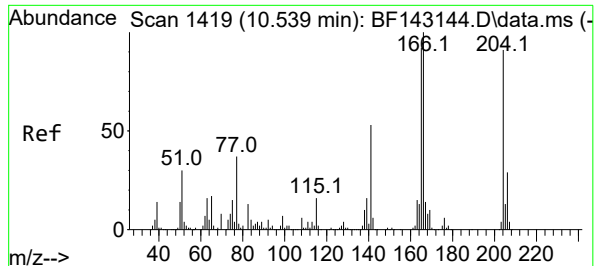
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 71.870 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

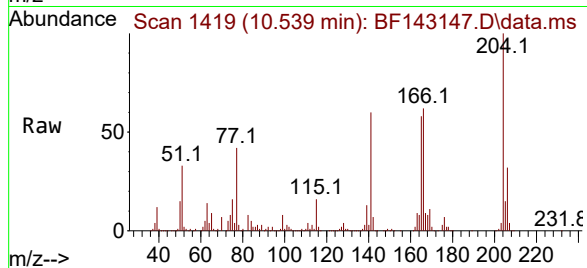
Tgt Ion:149 Resp: 1276217
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 70.326 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

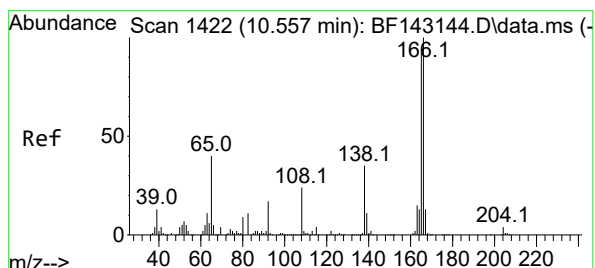
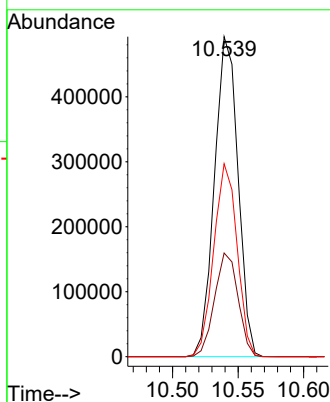
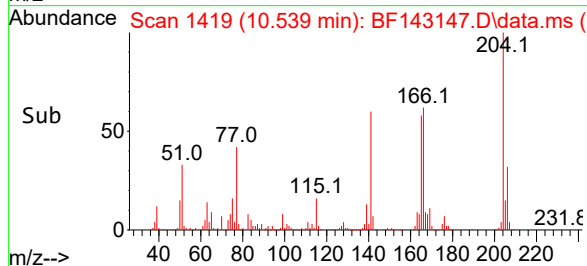
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



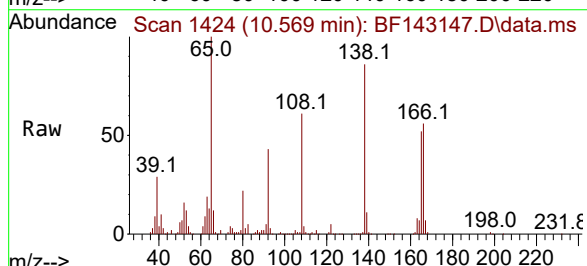
Tgt Ion:204 Resp: 614962
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 60.3 47.0 70.4

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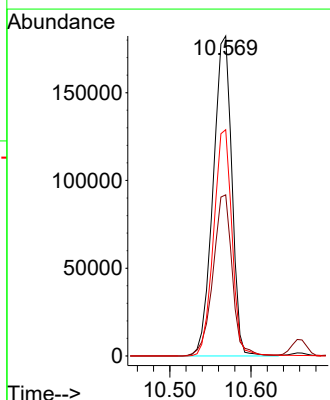
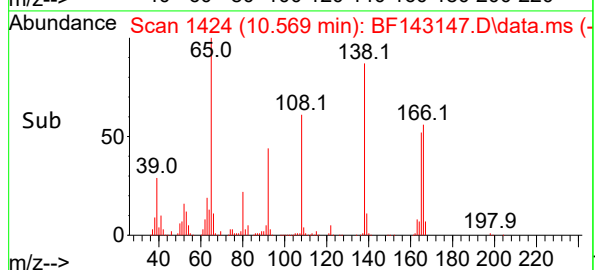
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

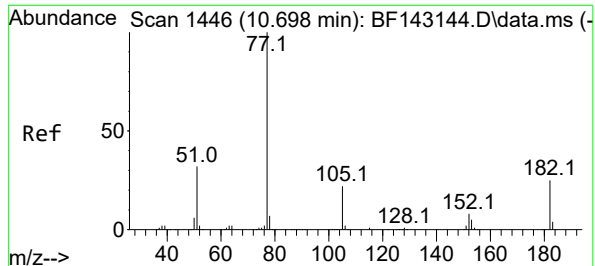


#62
4-Nitroaniline
Concen: 79.680 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



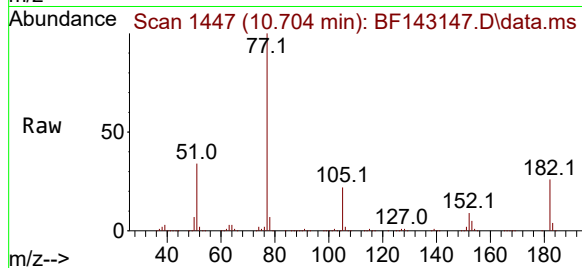
Tgt Ion:138 Resp: 291926
Ion Ratio Lower Upper
138 100
92 50.4 29.3 69.3
108 70.7 48.3 88.3





#63
Azobenzene
Concen: 71.255 ng
RT: 10.704 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

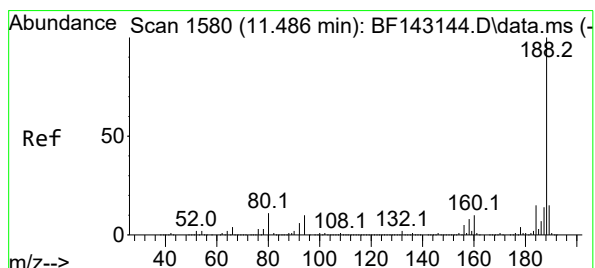
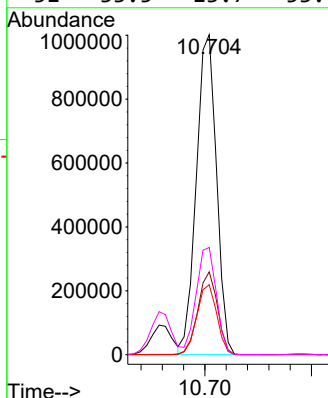
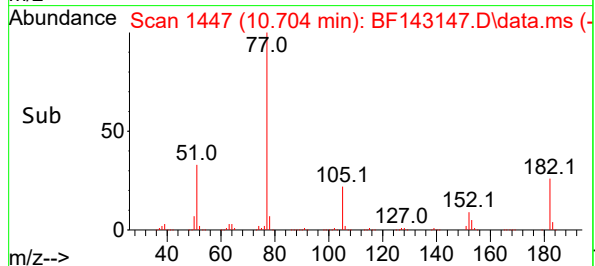
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 77 Resp: 1318720
Ion Ratio Lower Upper
77 100
182 25.9 4.6 44.6
105 21.9 1.4 41.4
51 33.5 13.7 53.7

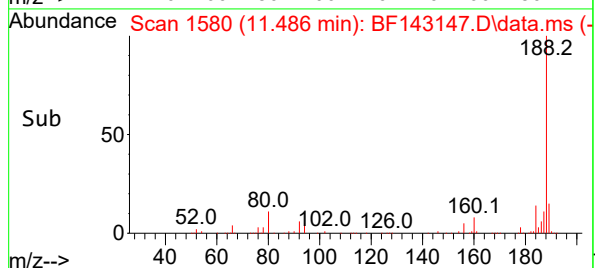
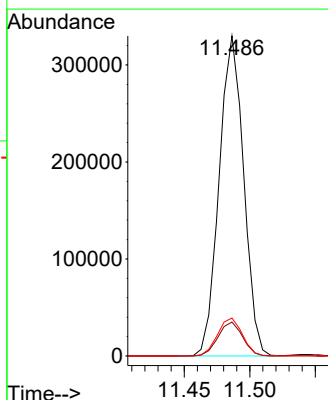
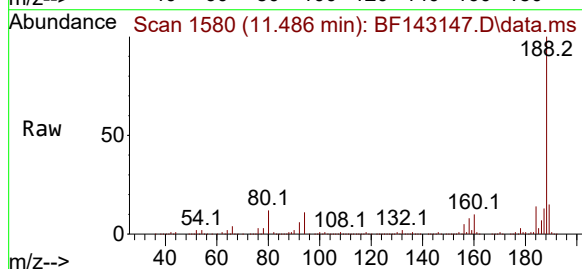
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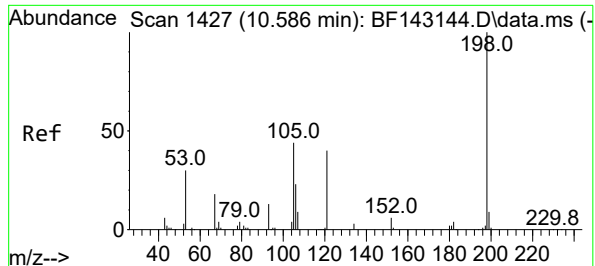
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

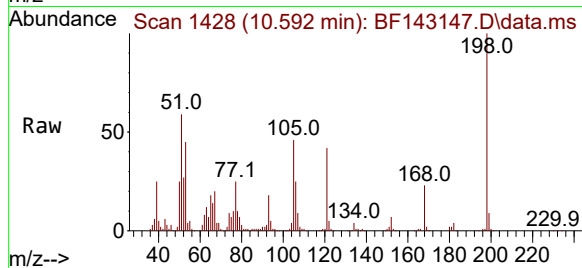
Tgt Ion:188 Resp: 429046
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.8 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 78.948 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

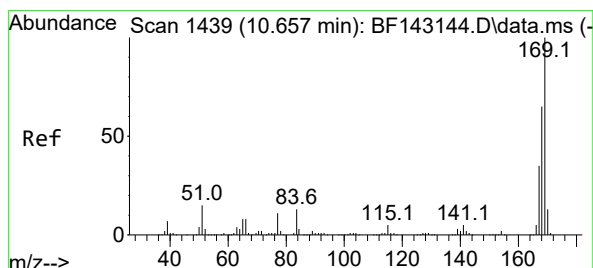
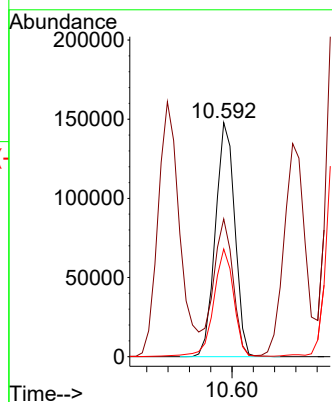
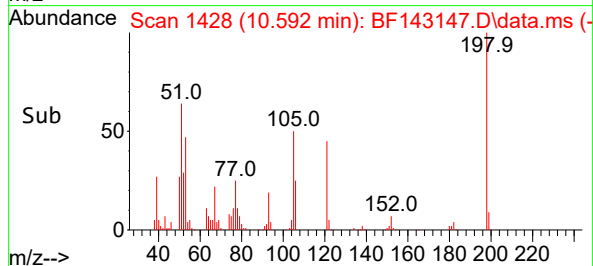
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



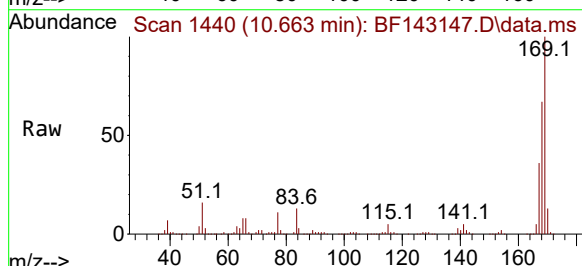
Tgt Ion:198 Resp: 186415
Ion Ratio Lower Upper
198 100
51 58.9 37.2 77.2
105 46.0 24.8 64.8

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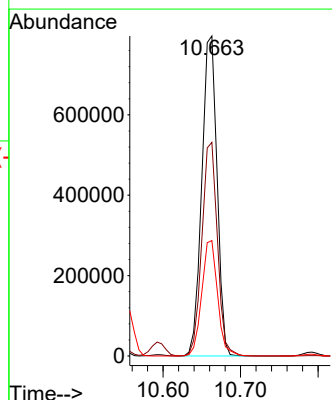
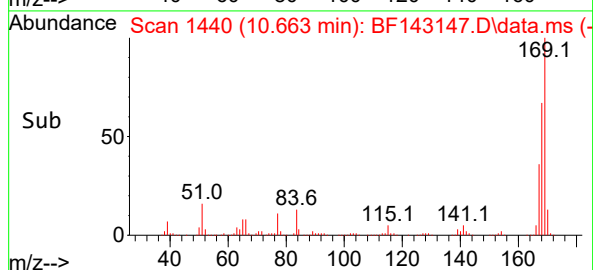
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

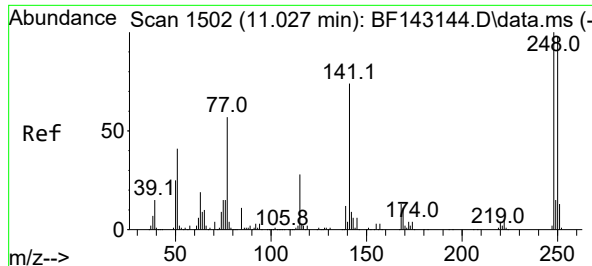


#66
n-Nitrosodiphenylamine
Concen: 72.014 ng
RT: 10.663 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



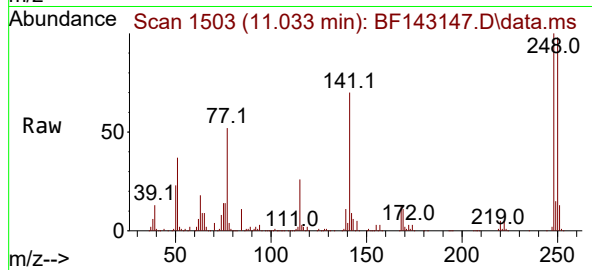
Tgt Ion:169 Resp: 1087990
Ion Ratio Lower Upper
169 100
168 66.8 52.1 78.1
167 36.1 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 74.734 ng
RT: 11.033 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

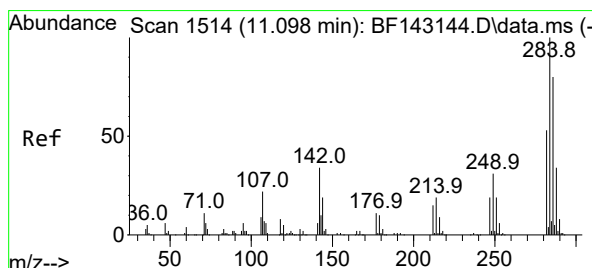
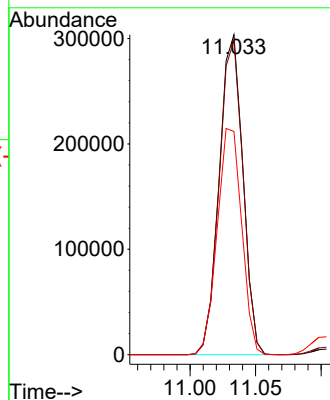
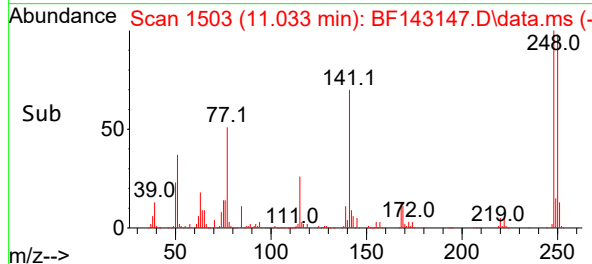
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



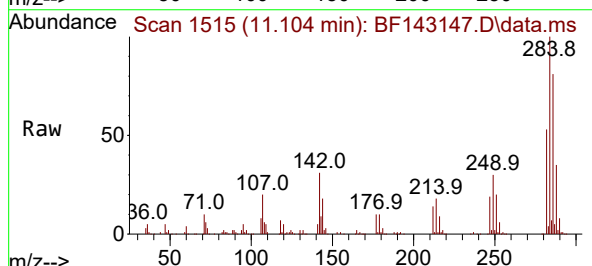
Tgt Ion:248 Resp: 38212
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 69.8 59.2 88.8

Manual Integrations
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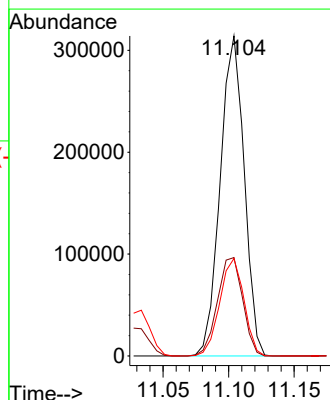
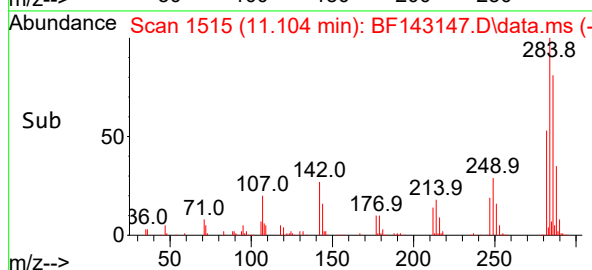
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

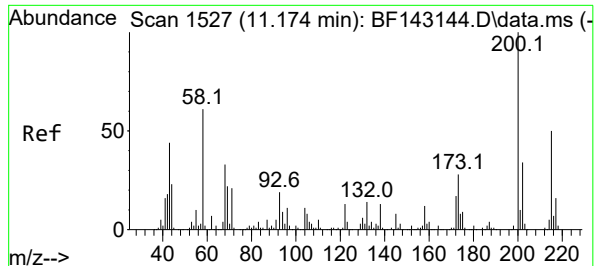


#68
Hexachlorobenzene
Concen: 74.680 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:284 Resp: 399107
Ion Ratio Lower Upper
284 100
142 30.7 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 77.819 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 324120

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

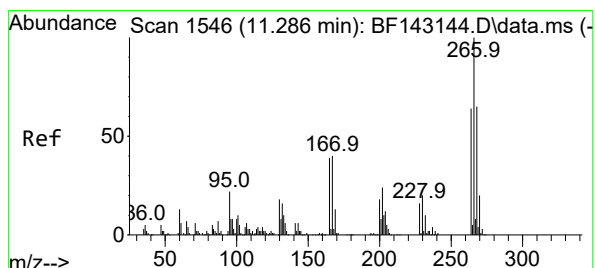
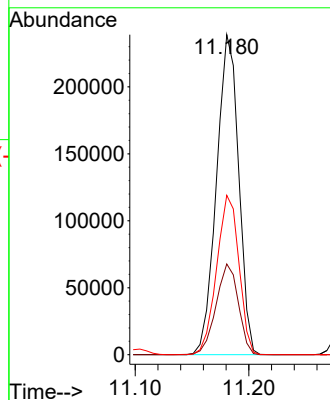
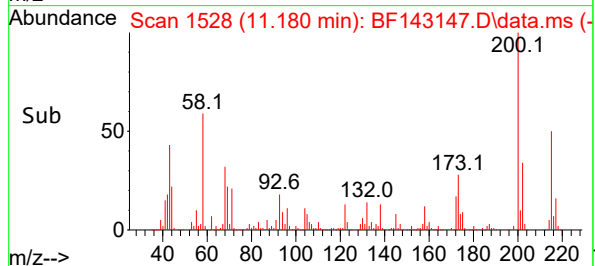
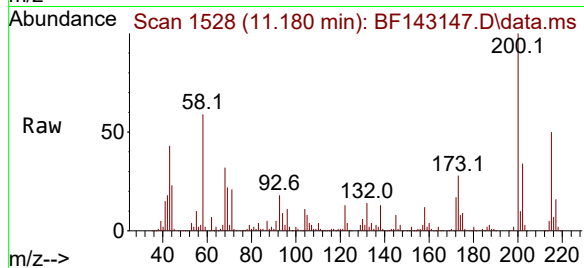
215 49.8 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 81.829 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

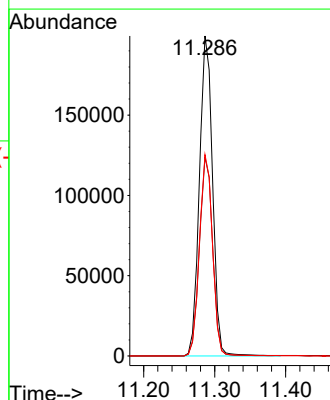
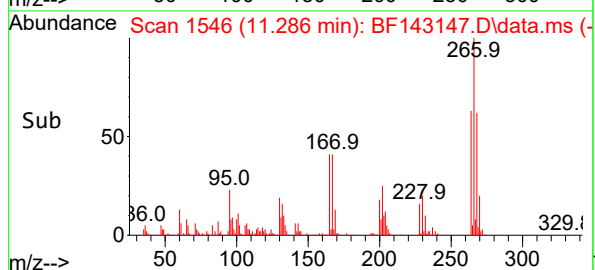
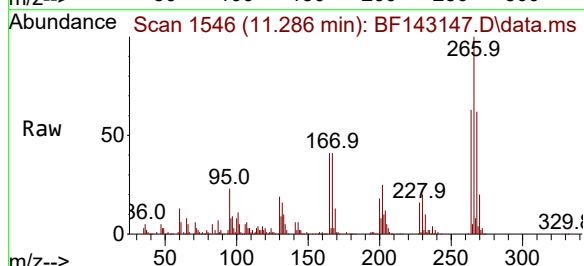
Tgt Ion:266 Resp: 257176

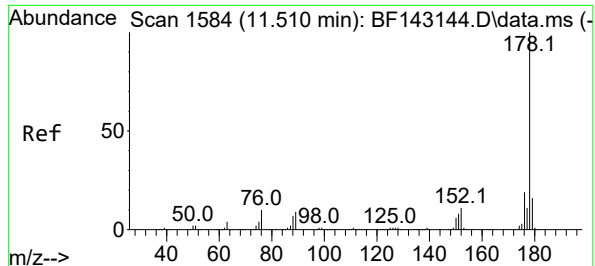
Ion Ratio Lower Upper

266 100

268 62.2 51.9 77.9

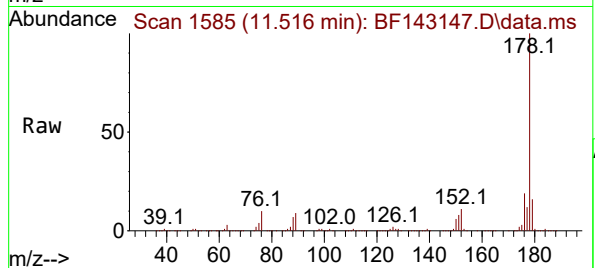
264 62.9 51.0 76.6





#71
Phenanthrene
Concen: 70.331 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

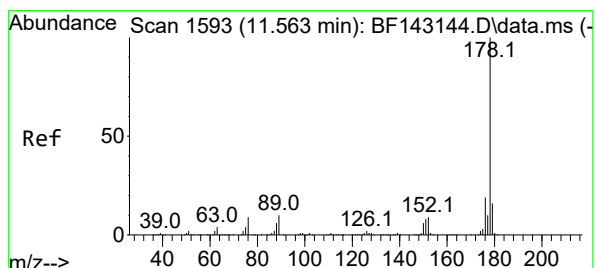
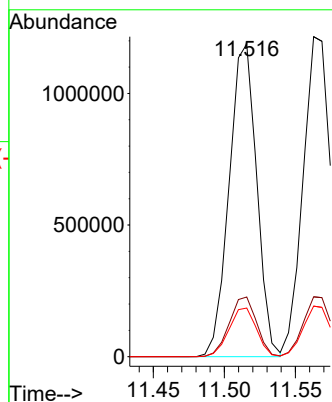
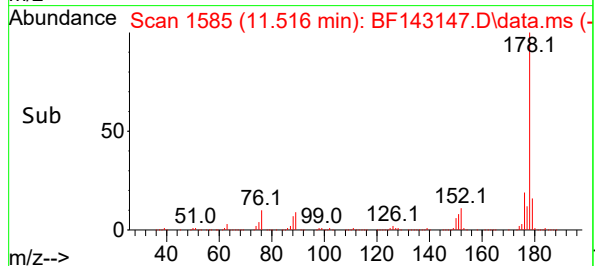
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:178 Resp: 1602208
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.5 12.5 18.7

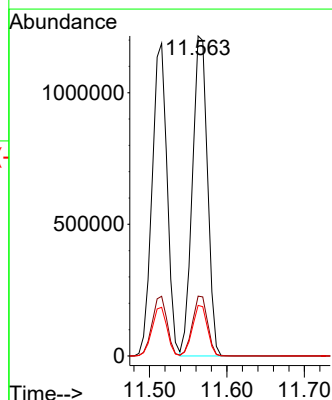
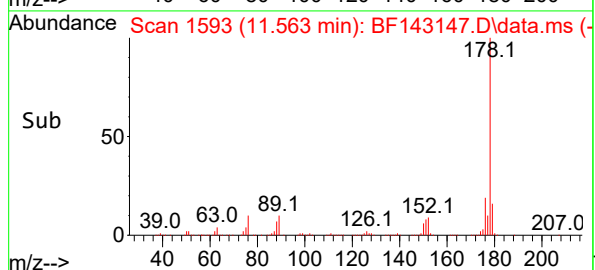
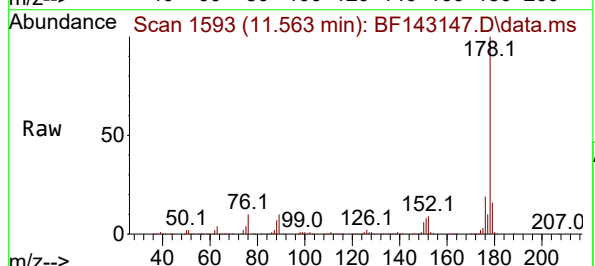
Manual Integrations
APPROVED

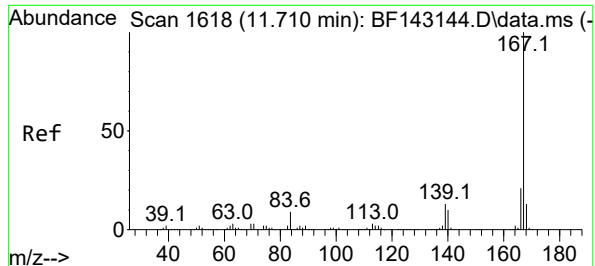
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#72
Anthracene
Concen: 70.640 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

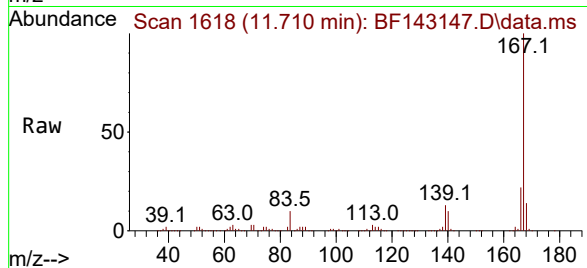
Tgt Ion:178 Resp: 1641264
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.5 18.7





#73
Carbazole
Concen: 70.754 ng
RT: 11.710 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

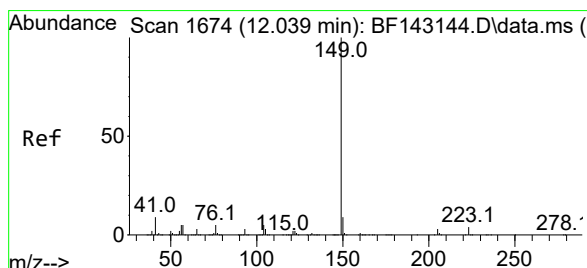
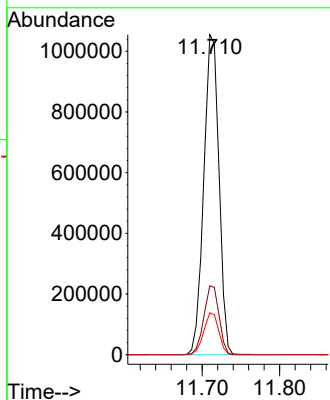
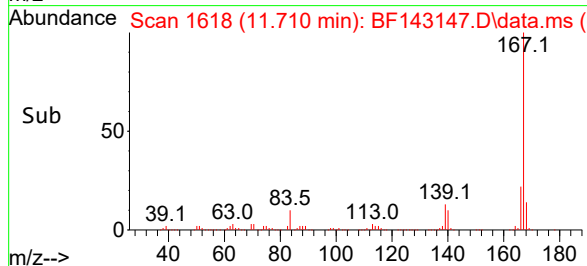
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



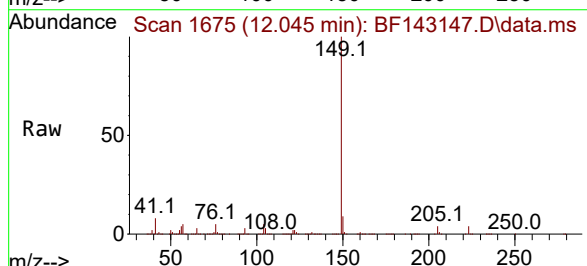
Tgt Ion:167 Resp: 143544
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.6
139 13.1 10.0 15.0

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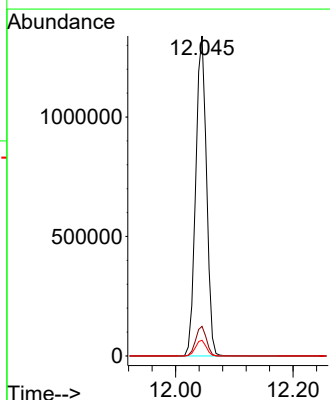
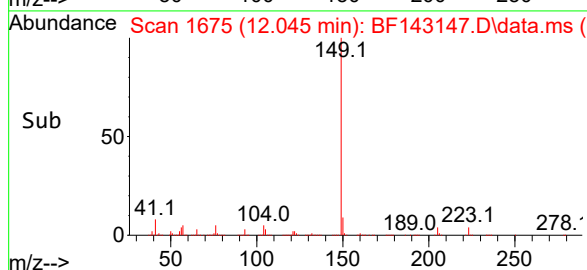
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

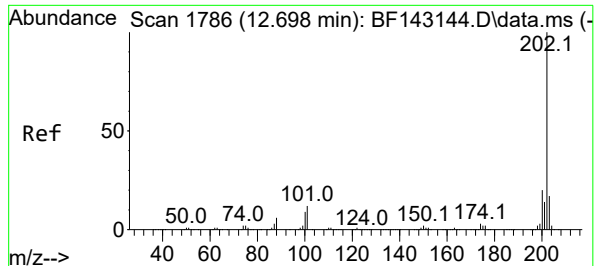


#74
Di-n-butylphthalate
Concen: 74.034 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



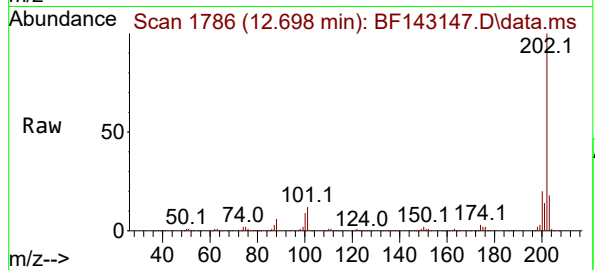
Tgt Ion:149 Resp: 1699503
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 71.645 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

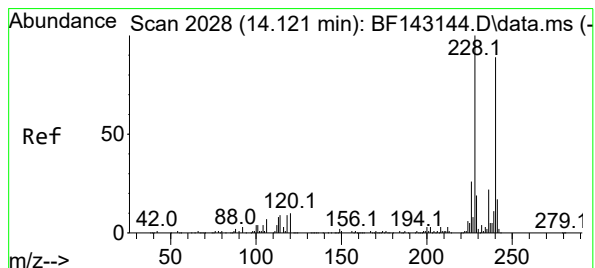
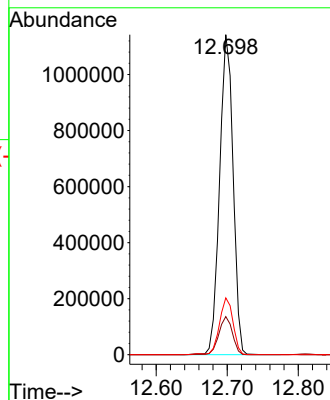
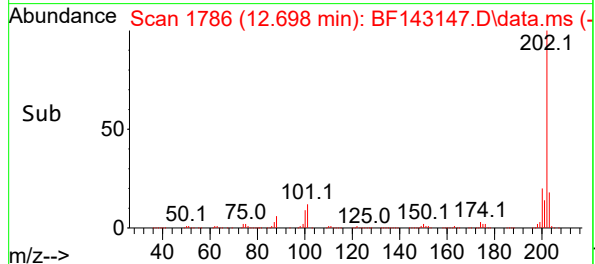
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 149810
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.7
203 17.8 0.0 37.4

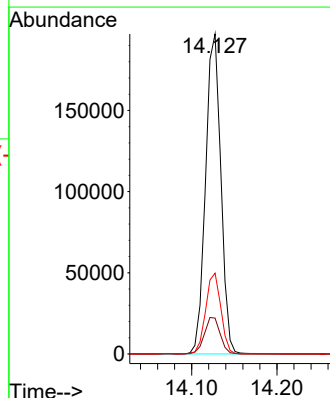
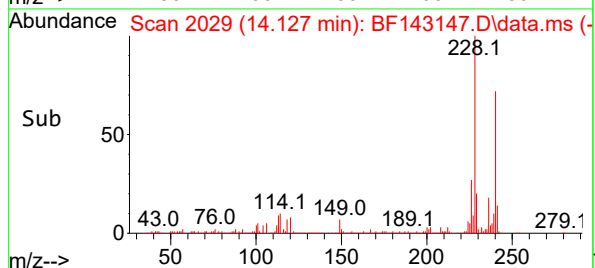
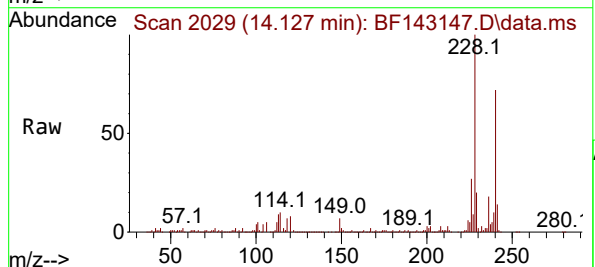
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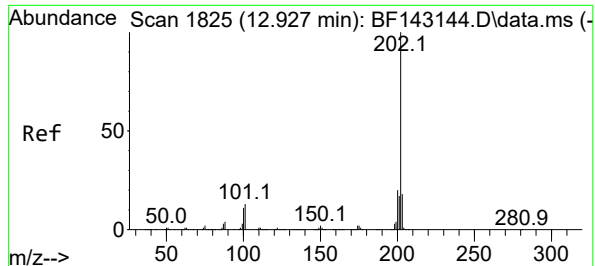
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

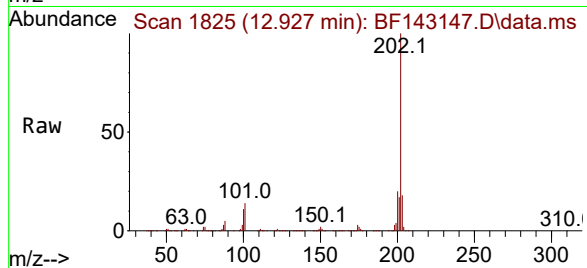
Tgt Ion:240 Resp: 245351
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.2 20.2 30.4





#78
Pyrene
Concen: 70.021 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

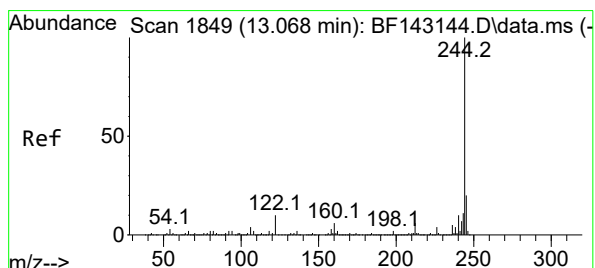
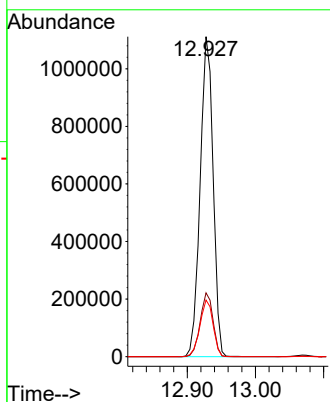
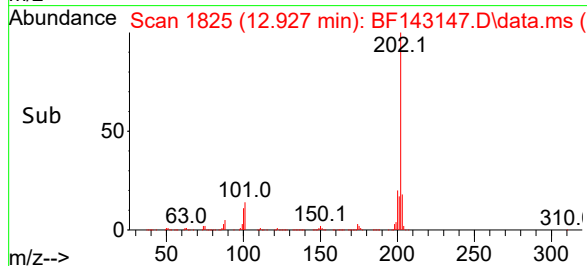
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1466205
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 14.2 21.2

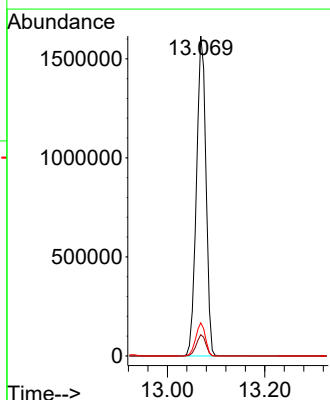
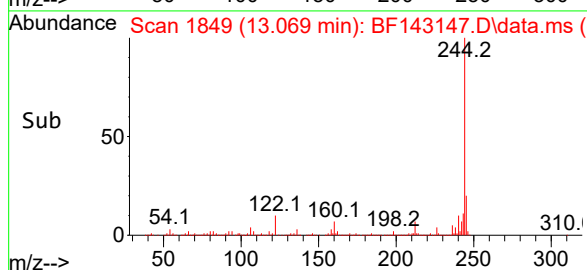
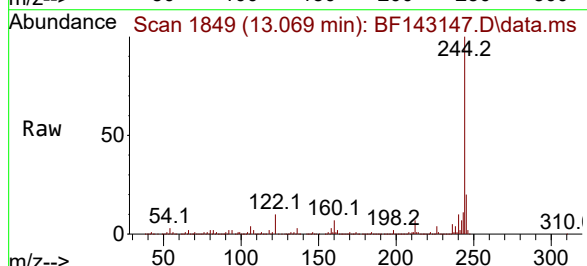
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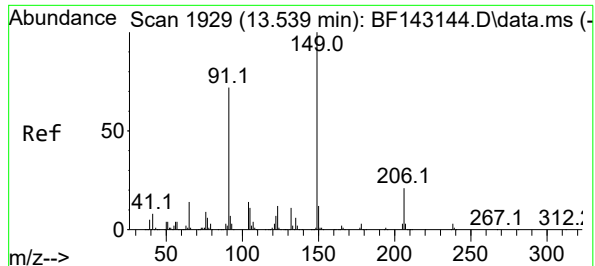
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#79
Terphenyl-d14
Concen: 133.606 ng
RT: 13.069 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

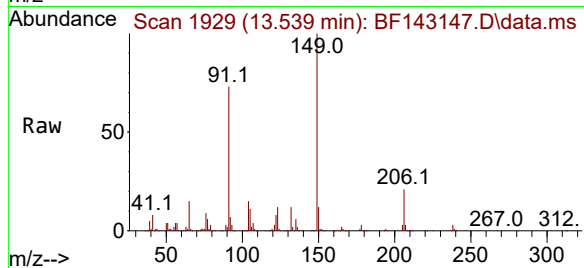
Tgt Ion:244 Resp: 2202828
Ion Ratio Lower Upper
244 100
212 6.6 5.2 7.8
122 10.4 8.2 12.2





#80
Butylbenzylphthalate
Concen: 81.353 ng
RT: 13.539 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

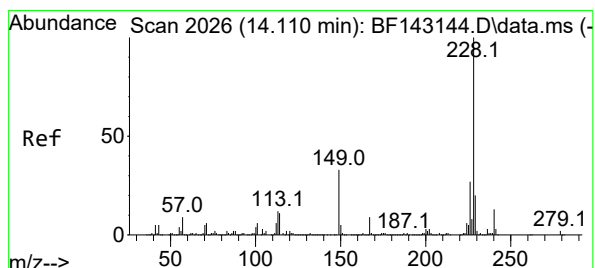
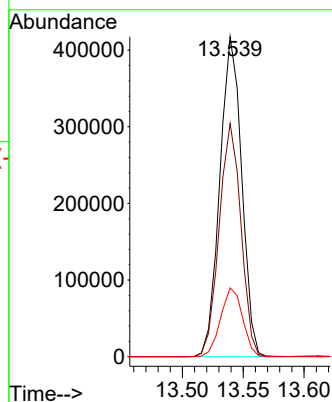
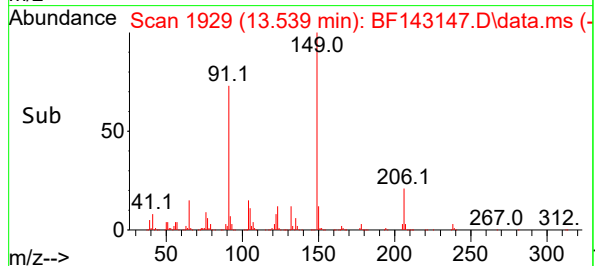
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 521633
Ion Ratio Lower Upper
149 100
91 72.9 57.9 86.9
206 21.5 17.0 25.4

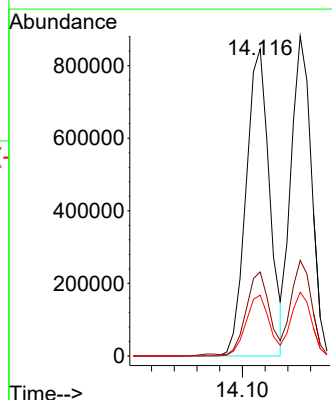
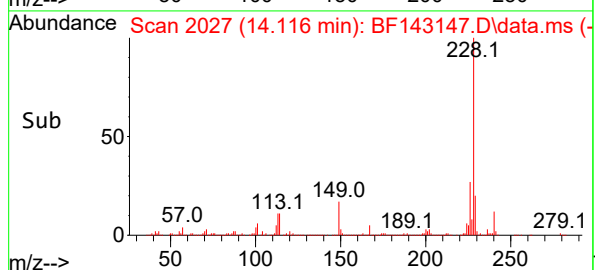
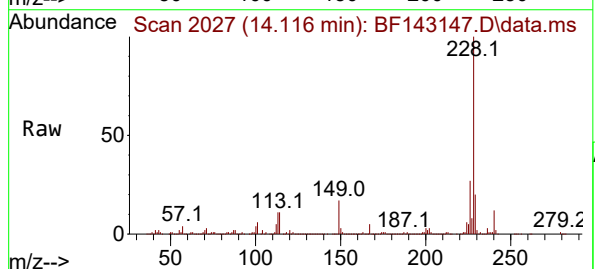
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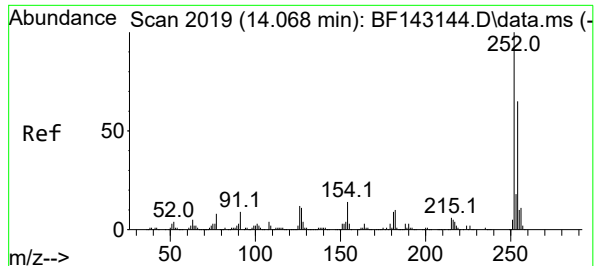
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#81
Benzo(a)anthracene
Concen: 73.788 ng
RT: 14.116 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

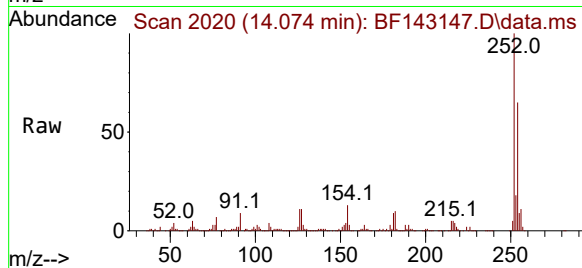
Tgt Ion:228 Resp: 1212056
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 19.8 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 71.867 ng
RT: 14.074 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

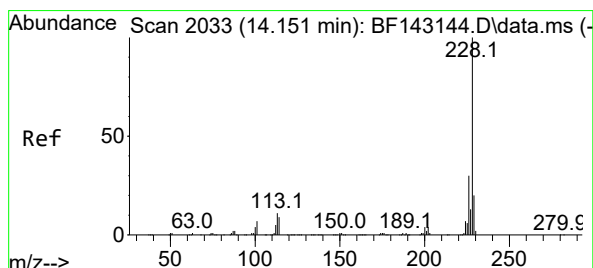
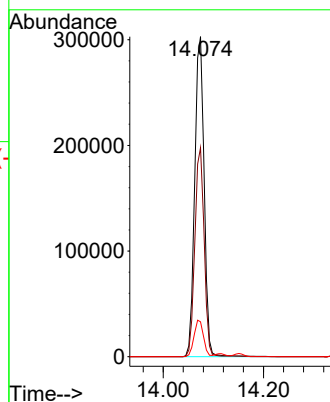
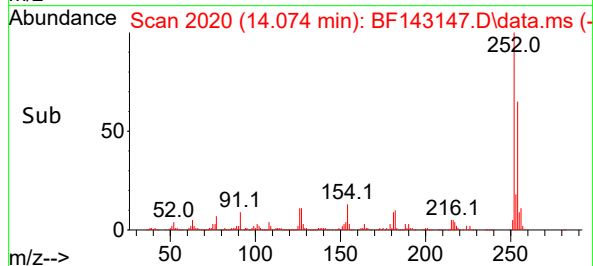
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:252 Resp: 393448
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 10.9 9.4 14.0

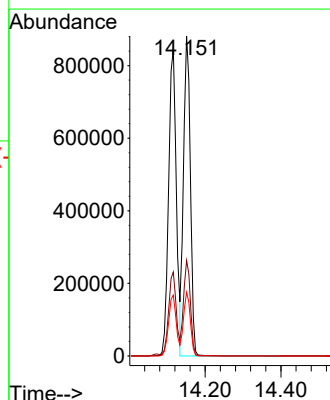
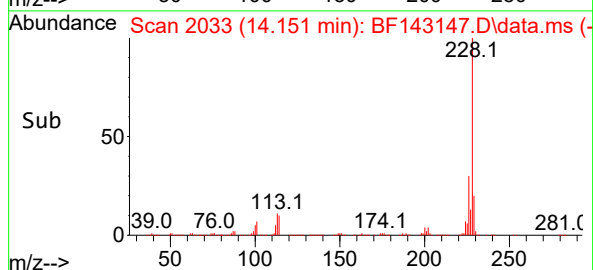
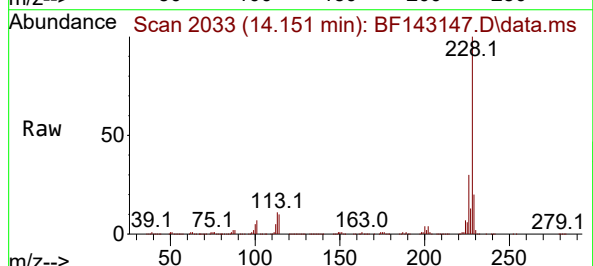
Manual Integrations
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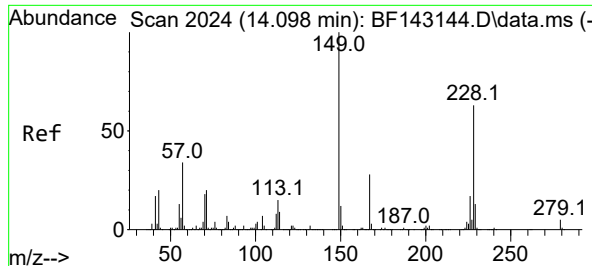
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#83
Chrysene
Concen: 74.863 ng
RT: 14.151 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

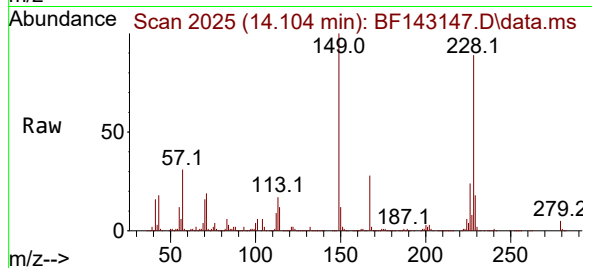
Tgt Ion:228 Resp: 1105636
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.790 ng
RT: 14.104 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

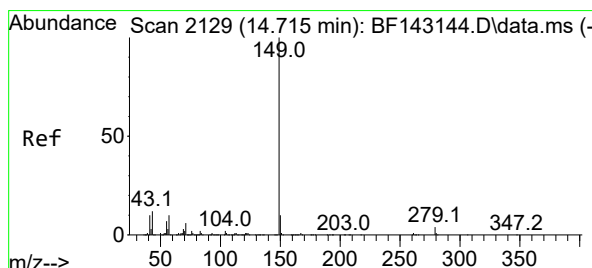
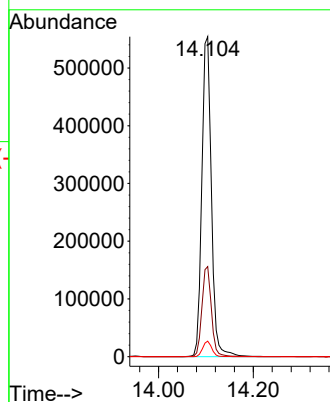
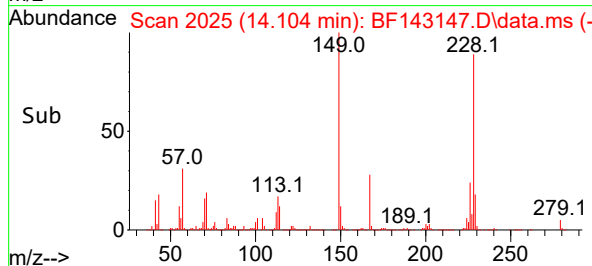
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 774360
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.9 3.6 5.4

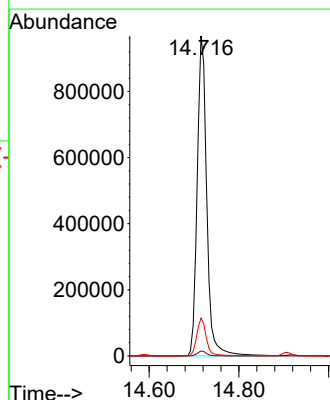
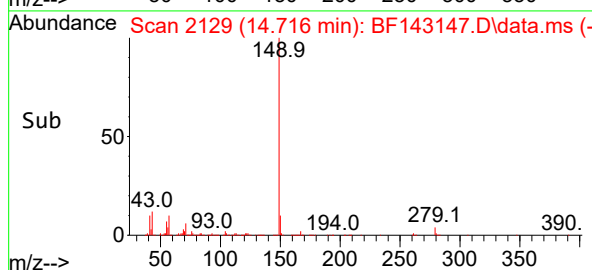
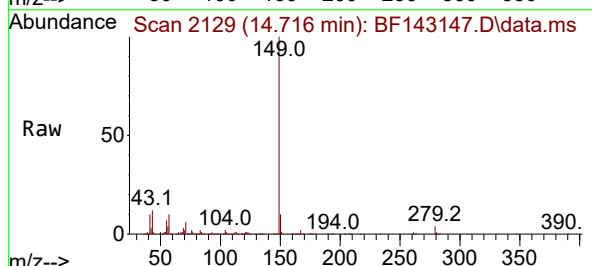
Manual Integrations
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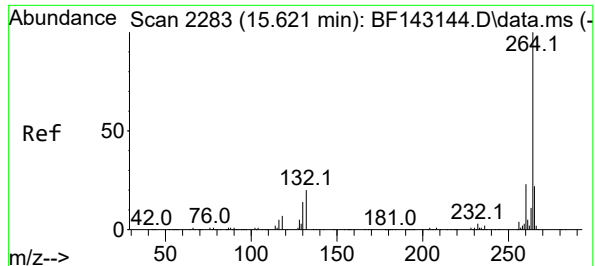
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#85
Di-n-octyl phthalate
Concen: 81.519 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

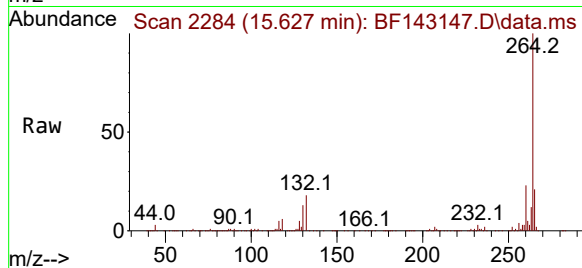
Tgt Ion:149 Resp: 1434055
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

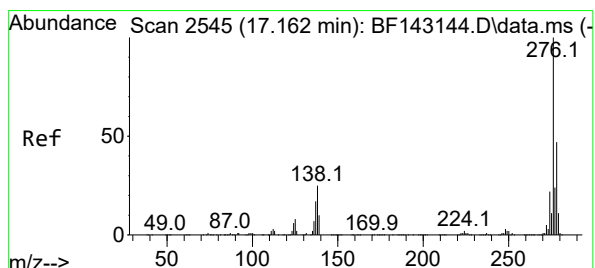
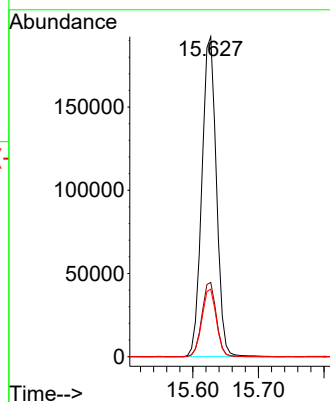
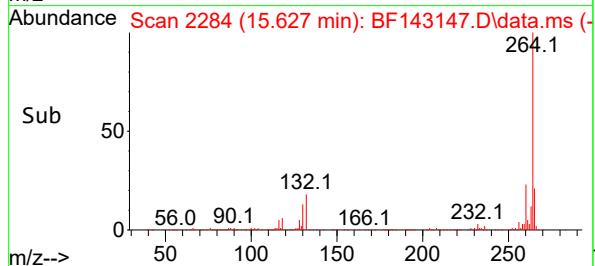
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



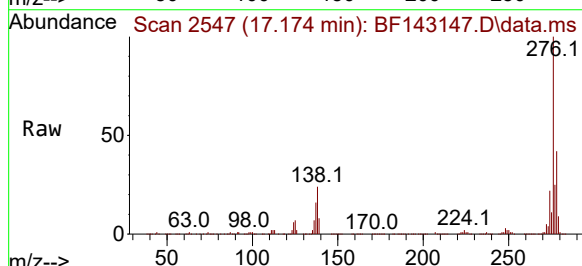
Tgt Ion:264 Resp: 29668
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.1 17.4 26.2

Manual Integrations
APPROVED

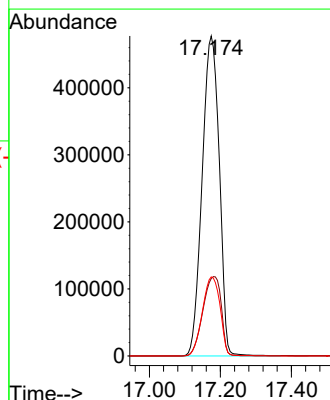
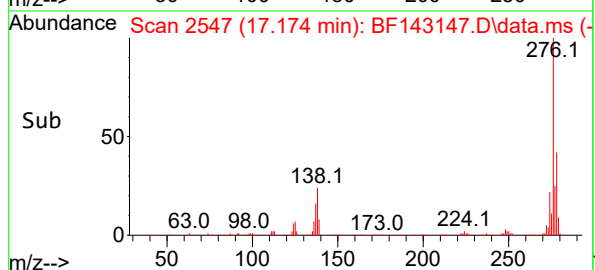
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

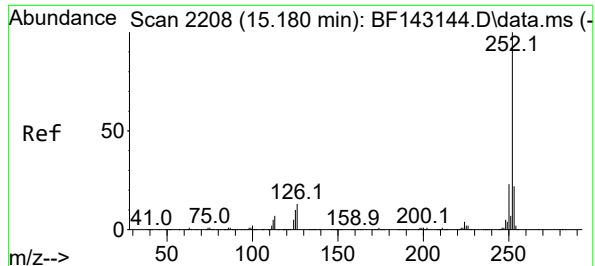


#87
Indeno(1,2,3-cd)pyrene
Concen: 76.718 ng
RT: 17.174 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:276 Resp: 1604969
Ion Ratio Lower Upper
276 100
138 26.5 21.8 32.6
277 25.5 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 79.367 ng

RT: 15.186 min Scan# 2114

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1438518

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

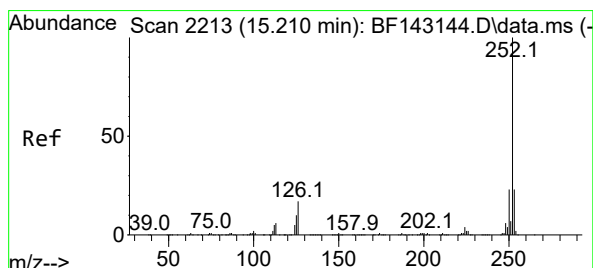
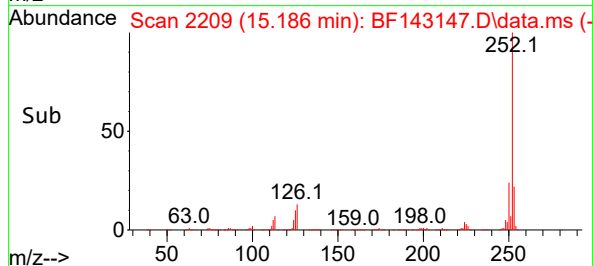
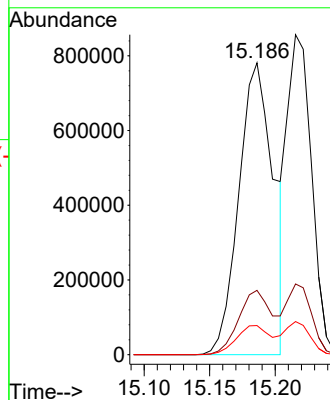
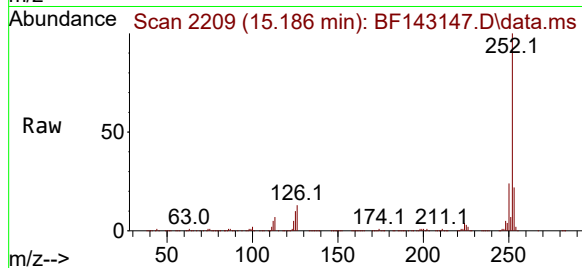
125 10.0 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#89

Benzo(k)fluoranthene

Concen: 68.737 ng

RT: 15.216 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF143147.D

Acq: 17 Jul 2025 14:34

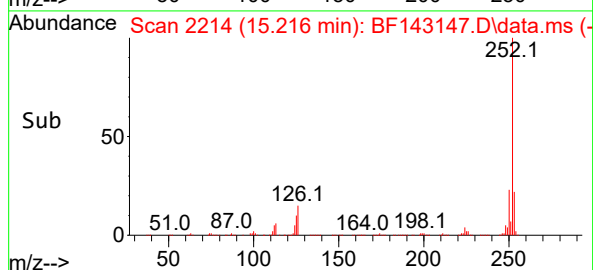
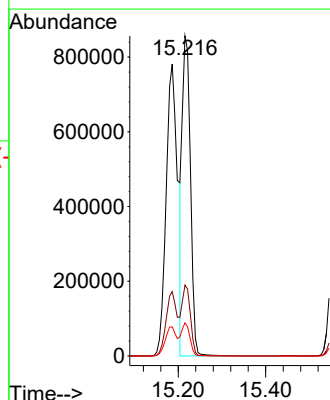
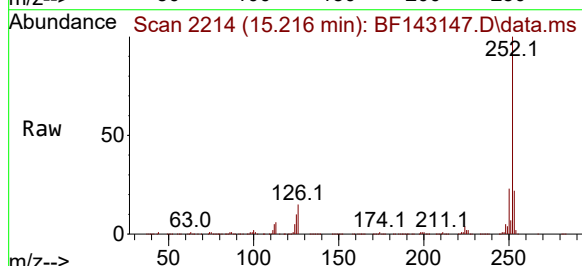
Tgt Ion:252 Resp: 1111726

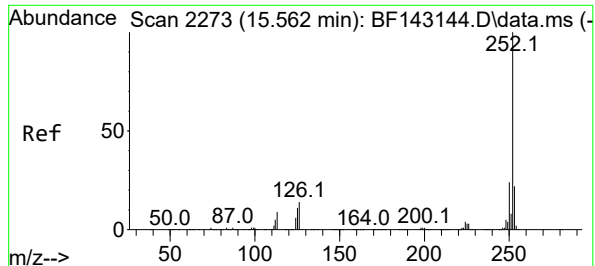
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

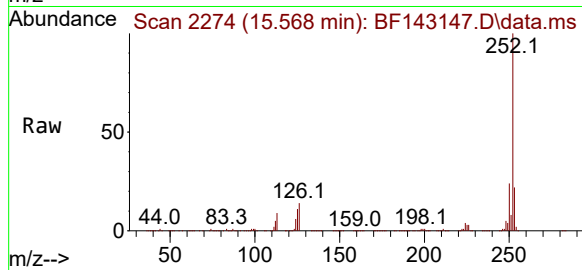
125 10.4 8.1 12.1





#90
Benzo(a)pyrene
Concen: 76.006 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34

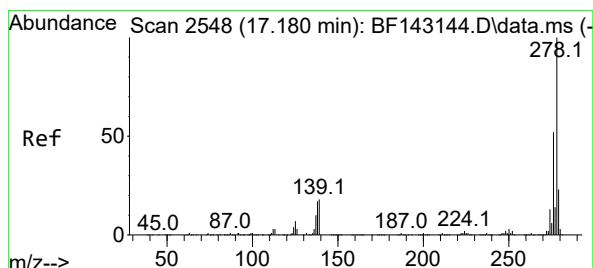
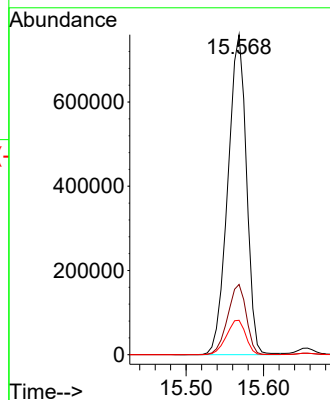
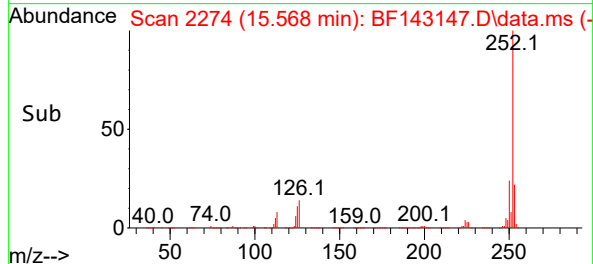
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



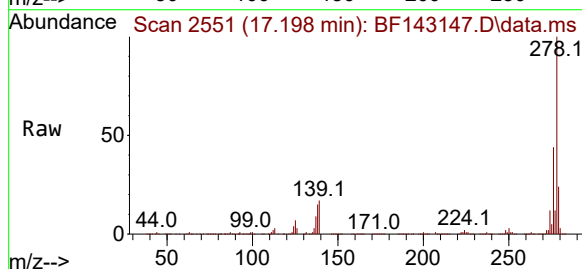
Tgt Ion:252 Resp: 126925
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.8 8.6 13.0

Manual Integrations
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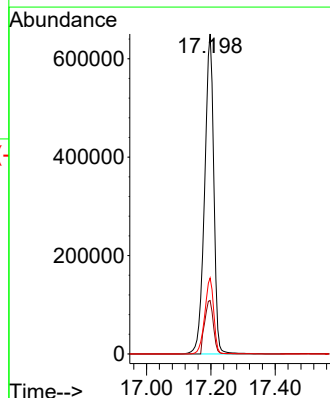
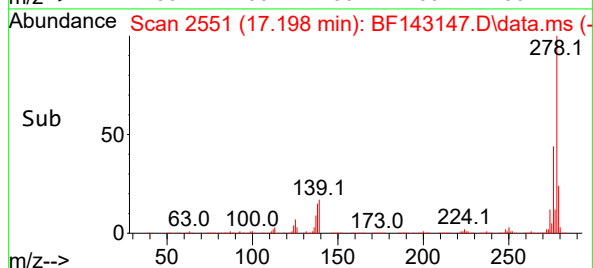
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

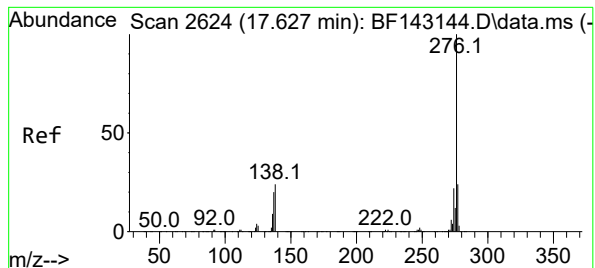


#91
Dibenzo(a,h)anthracene
Concen: 75.746 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143147.D
Acq: 17 Jul 2025 14:34



Tgt Ion:278 Resp: 1289789
Ion Ratio Lower Upper
278 100
139 16.7 14.1 21.1
279 23.8 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 76.846 ng

RT: 17.645 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143147.D

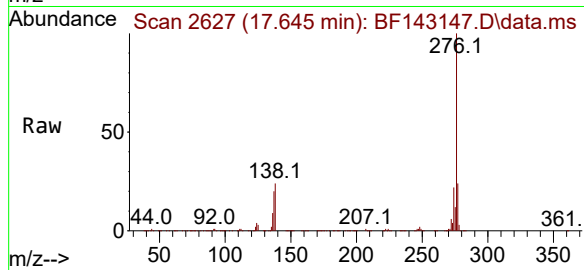
Acq: 17 Jul 2025 14:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 1265778

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

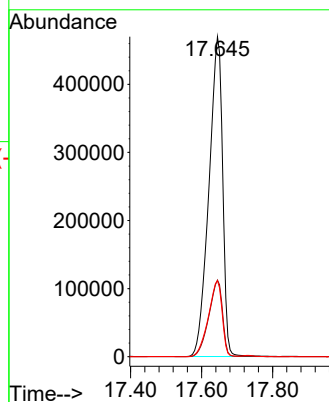
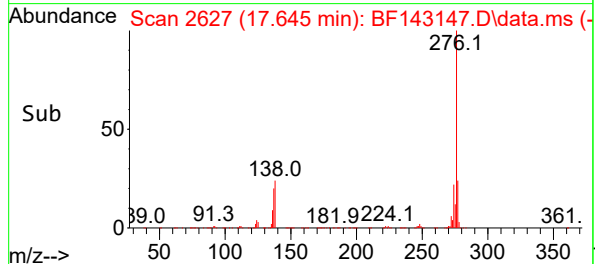
138 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	143868	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	559677	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	287255	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	457098	20.000	ng	0.00
76) Chrysene-d12	14.121	240	265008	20.000	ng	0.00
86) Perylene-d12	15.621	264	310192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	701339	77.143	ng	0.00
7) Phenol-d6	6.581	99	894087	78.133	ng	0.00
23) Nitrobenzene-d5	7.522	82	811178	72.247	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	237309	79.969	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1449098	68.992	ng	0.00
79) Terphenyl-d14	13.068	244	1234701	69.333	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	165605	38.496	ng	98
3) Pyridine	3.569	79	453367	40.604	ng	99
4) n-Nitrosodimethylamine	3.510	42	235215	40.802	ng	97
6) Aniline	6.622	93	655116	41.078	ng	99
8) 2-Chlorophenol	6.745	128	395767	41.530	ng	99
9) Benzaldehyde	6.510	77	321269	37.441	ng	98
10) Phenol	6.598	94	508952m	40.827	ng	
11) bis(2-Chloroethyl)ether	6.692	93	387791	40.628	ng	100
12) 1,3-Dichlorobenzene	6.904	146	418232	40.400	ng	99
13) 1,4-Dichlorobenzene	6.981	146	424629	40.731	ng	99
14) 1,2-Dichlorobenzene	7.134	146	411560	41.506	ng	99
15) Benzyl Alcohol	7.098	79	366608	41.958	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	732274	41.357	ng	100
17) 2-Methylphenol	7.204	107	331709	41.398	ng	99
18) Hexachloroethane	7.481	117	151232	41.903	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	296171	40.342	ng	100
20) 3+4-Methylphenols	7.357	107	412065	42.387	ng	98
22) Acetophenone	7.369	105	533464	40.260	ng	99
24) Nitrobenzene	7.539	77	436834	41.731	ng	98
25) Isophorone	7.781	82	804071	40.567	ng	99
26) 2-Nitrophenol	7.857	139	203967	44.896	ng	100
27) 2,4-Dimethylphenol	7.886	122	377575	40.773	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	474637	39.939	ng	99
29) 2,4-Dichlorophenol	8.092	162	319216	40.875	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	342135	40.551	ng	99
31) Naphthalene	8.269	128	1106482	40.143	ng	100
32) Benzoic acid	7.986	122	202337	39.782	ng	98
33) 4-Chloroaniline	8.310	127	457742	40.671	ng	99
34) Hexachlorobutadiene	8.386	225	212781	41.284	ng	100
35) Caprolactam	8.675	113	96661	40.959	ng	98
36) 4-Chloro-3-methylphenol	8.780	107	344726	40.611	ng	99
37) 2-Methylnaphthalene	8.957	142	675594	40.279	ng	100
38) 1-Methylnaphthalene	9.057	142	703170	40.712	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	339567	40.944	ng	98
41) Hexachlorocyclopentadiene	9.116	237	231349	42.872	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	231043	40.253	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	246820	42.989	ng	97
46) 1,1'-Biphenyl	9.422	154	920059	41.053	ng	100
47) 2-Chloronaphthalene	9.445	162	666359	40.184	ng	100
48) 2-Nitroaniline	9.533	65	227376	43.723	ng	100
49) Acenaphthylene	9.863	152	1111992	40.013	ng	100
50) Dimethylphthalate	9.716	163	753041	40.218	ng	100
51) 2,6-Dinitrotoluene	9.775	165	166911	43.820	ng	98
52) Acenaphthene	10.033	154	659908	40.176	ng	99
53) 3-Nitroaniline	9.939	138	191512	42.985	ng	98
54) 2,4-Dinitrophenol	10.045	184	64659	40.998	ng	98
55) Dibenzofuran	10.204	168	974991	39.981	ng	100
56) 4-Nitrophenol	10.086	139	140876	42.344	ng	99
57) 2,4-Dinitrotoluene	10.175	165	212369	44.440	ng	97
58) Fluorene	10.551	166	717816	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	198530	41.743	ng	99
60) Diethylphthalate	10.416	149	753774	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	367981	40.377	ng	99
62) 4-Nitroaniline	10.551	138	160193	41.953	ng	98
63) Azobenzene	10.698	77	779524	40.414	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	98462	41.869	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647855	40.250	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	222405	40.828	ng	100
68) Hexachlorobenzene	11.098	284	229272	40.268	ng	100
69) Atrazine	11.174	200	189104	42.615	ng	99
70) Pentachlorophenol	11.286	266	141608	42.292	ng	99
71) Phenanthrene	11.510	178	971448	40.026	ng	100
72) Anthracene	11.563	178	1003925	40.557	ng	99
73) Carbazole	11.710	167	874867	40.476	ng	100
74) Di-n-butylphthalate	12.039	149	1035244	42.330	ng	100
75) Fluoranthene	12.698	202	909717	40.836	ng	100
77) Benzidine	12.810	184	441470	43.239	ng	100
78) Pyrene	12.927	202	902771	39.916	ng	99
80) Butylbenzylphthalate	13.539	149	303528	43.827	ng	98
81) Benzo(a)anthracene	14.110	228	708799	39.950	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	258837	43.772	ng	100
83) Chrysene	14.145	228	673701	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	456811	43.578	ng	100
85) Di-n-octyl phthalate	14.715	149	818512	43.077	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	896404	40.983	ng	100
88) Benzo(b)fluoranthene	15.180	252	820119	43.278	ng	100
89) Benzo(k)fluoranthene	15.209	252	634642	37.531	ng	99
90) Benzo(a)pyrene	15.562	252	708756	40.594	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	724758	40.710	ng	99
92) Benzo(g,h,i)perylene	17.627	276	712864	41.394	ng	100

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

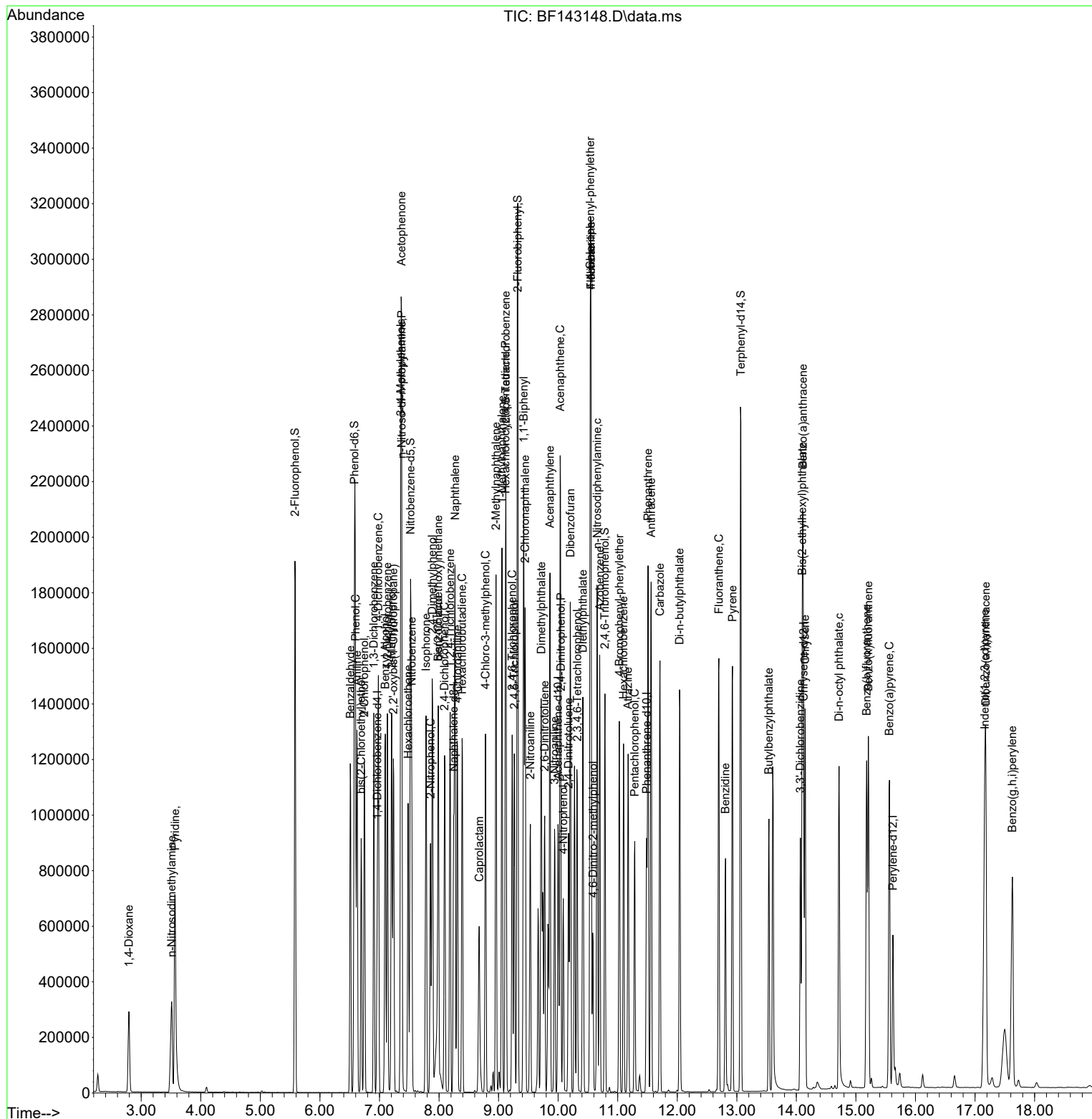
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

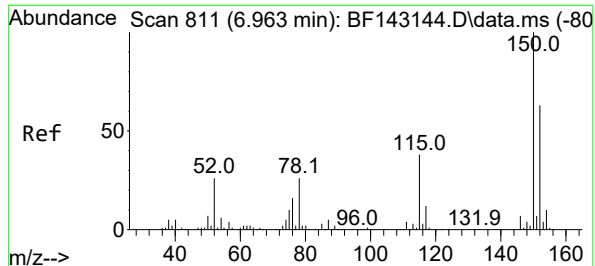
Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

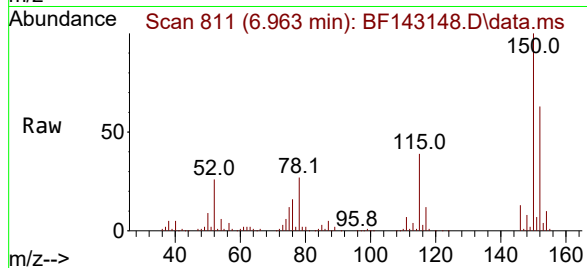
Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

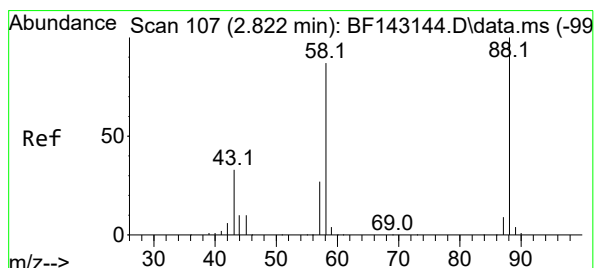
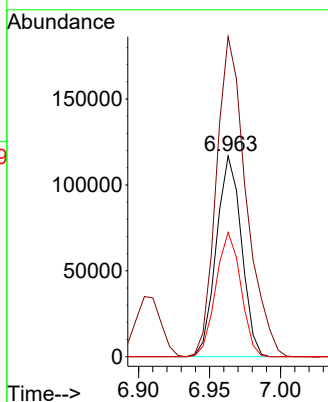
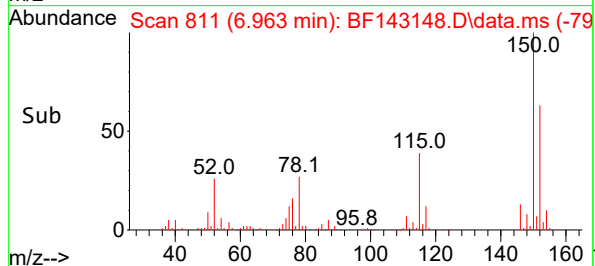
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:152 Resp: 143868
Ion Ratio Lower Upper
152 100
150 159.5 128.2 192.4
115 62.0 47.9 71.9

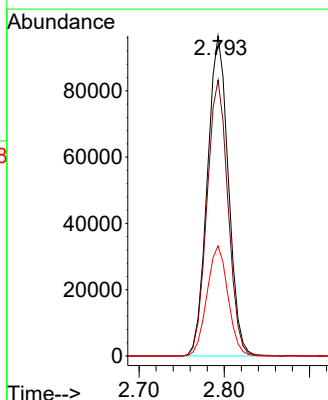
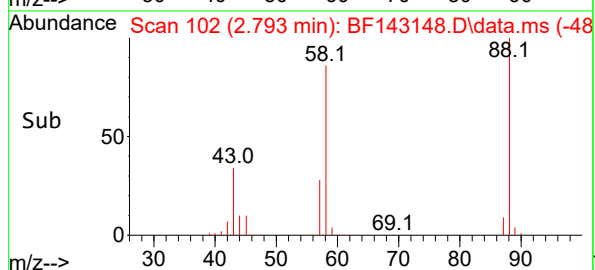
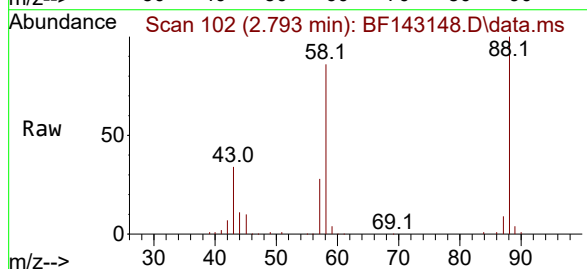
Manual Integrations
APPROVED

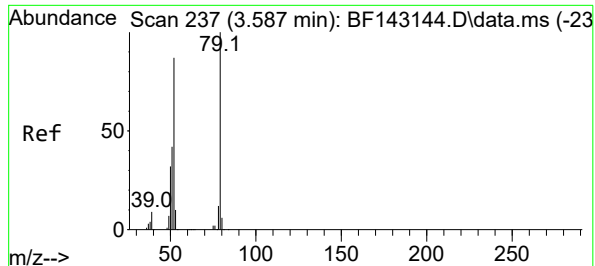
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#2
1,4-Dioxane
Concen: 38.496 ng
RT: 2.793 min Scan# 102
Delta R.T. -0.029 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

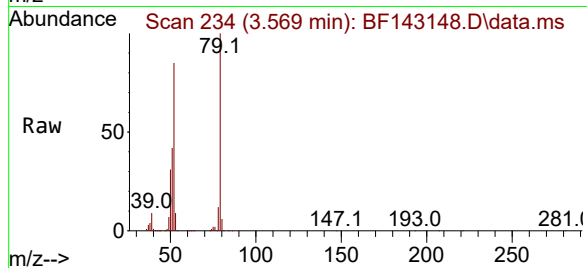
Tgt Ion: 88 Resp: 165605
Ion Ratio Lower Upper
88 100
58 86.0 70.2 105.2
43 34.4 27.1 40.7





#3
Pyridine
Concen: 40.604 ng
RT: 3.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

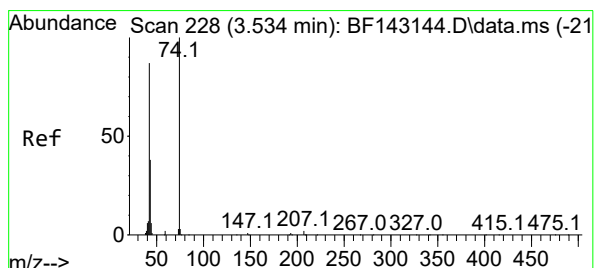
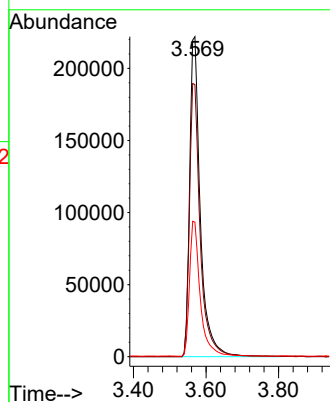
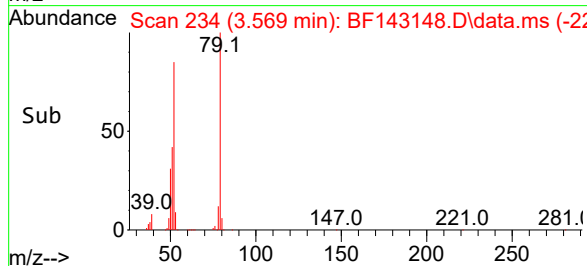
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion: 79 Resp: 45336
Ion Ratio Lower Upper
79 100
52 85.0 69.4 104.2
51 42.0 33.5 50.3

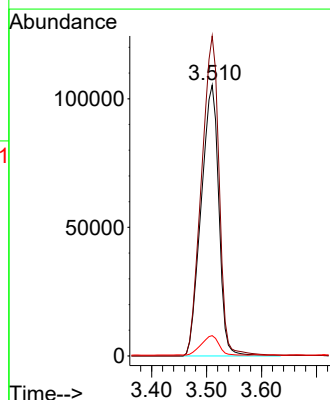
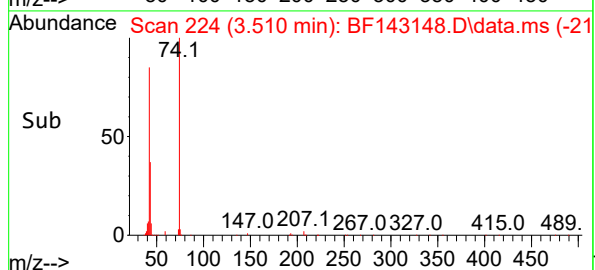
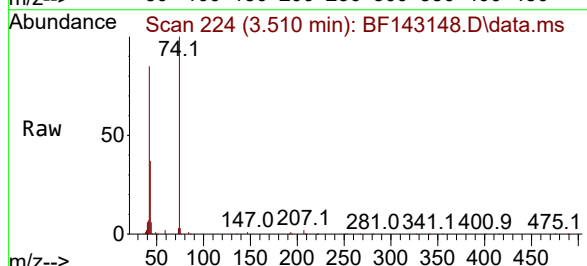
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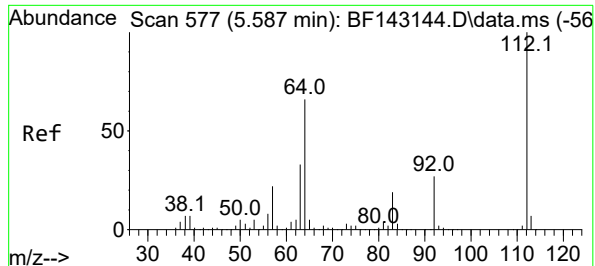
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.510 min Scan# 224
Delta R.T. -0.024 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion: 42 Resp: 235215
Ion Ratio Lower Upper
42 100
74 118.1 91.7 137.5
44 7.5 5.6 8.4





#5
2-Fluorophenol
Concen: 77.143 ng
RT: 5.581 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

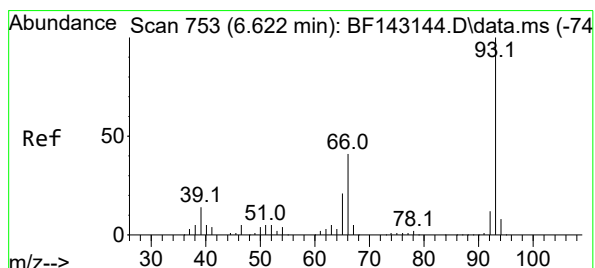
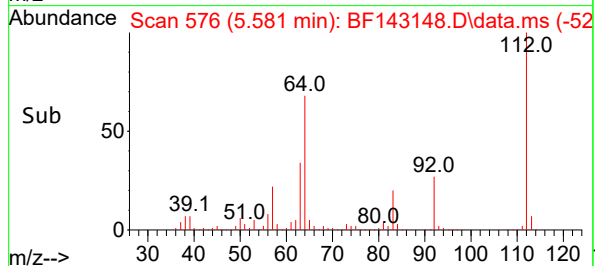
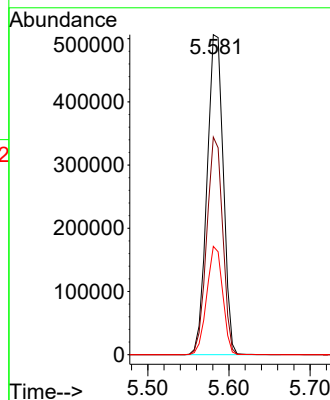
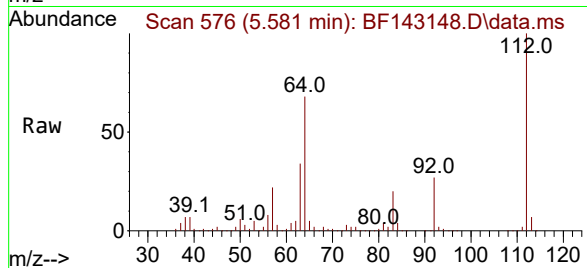
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	53.1	79.7
63	33.9	26.6	40.0

Manual Integrations

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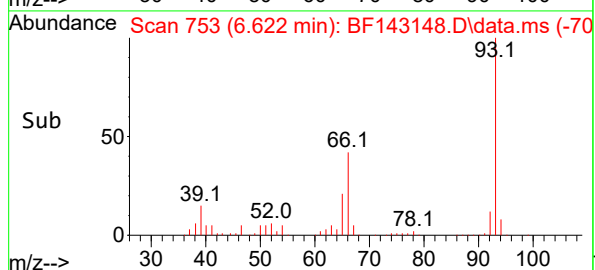
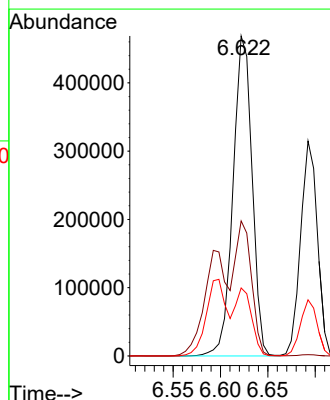
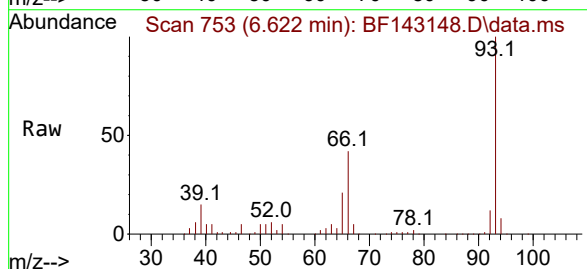
Reviewed By :Rahul Chavli 07/18/2025

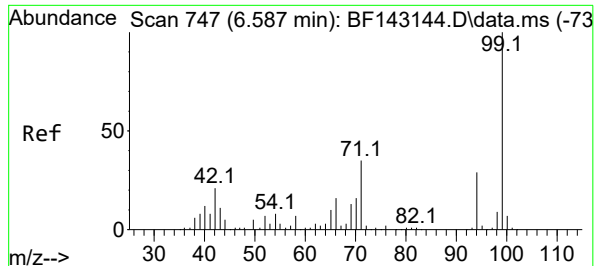
Supervised By :Jagrut Upadhyay 07/18/2025



#6
Aniline
Concen: 41.078 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

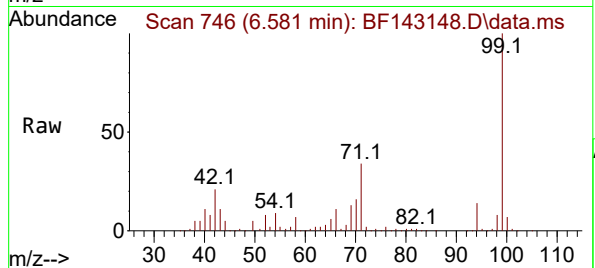
Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.2	33.2	49.8
65	21.3	16.9	25.3





#7
Phenol-d6
Concen: 78.133 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

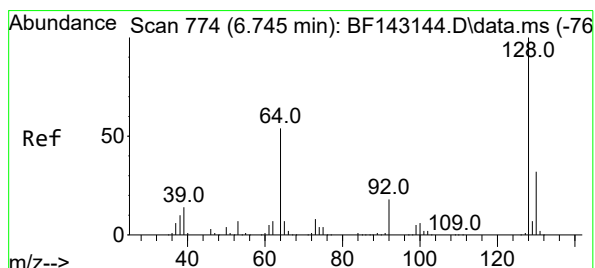
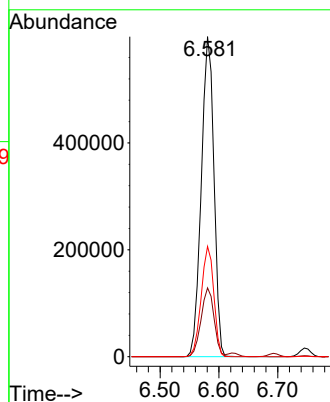
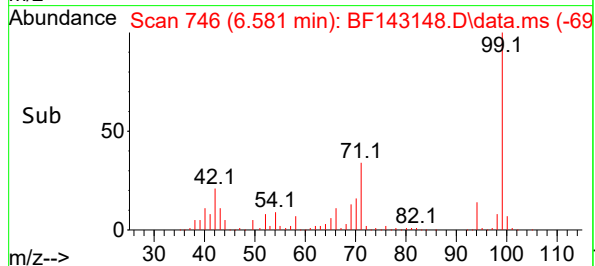
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion: 99 Resp: 89408
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 34.5 27.7 41.5

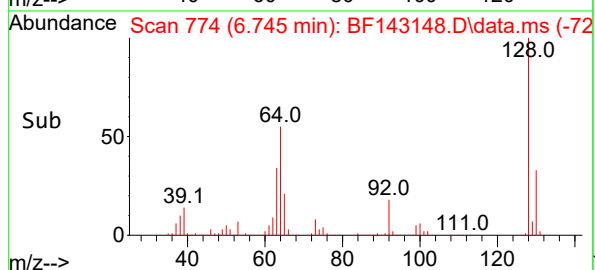
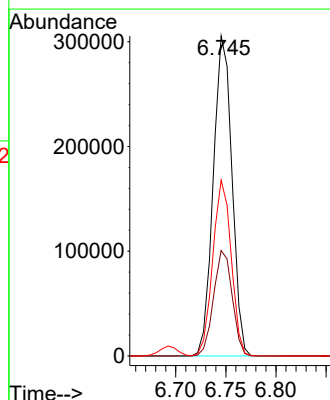
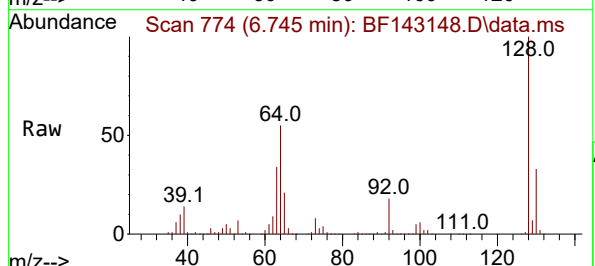
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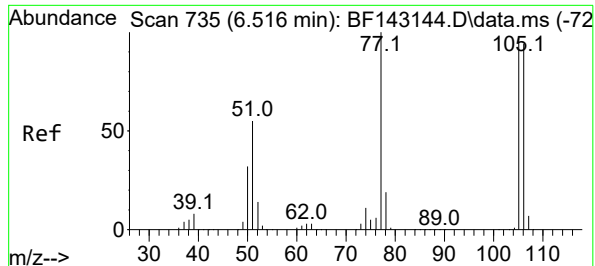
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#8
2-Chlorophenol
Concen: 41.530 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:128 Resp: 395767
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 54.9 35.9 75.9





#9

Benzaldehyde

Concen: 37.441 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 77 Resp: 321269

Ion Ratio Lower Upper

77 100

105 94.2 76.8 116.8

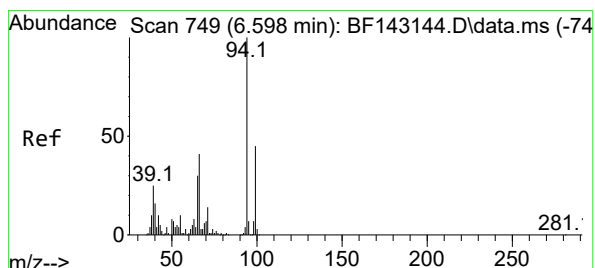
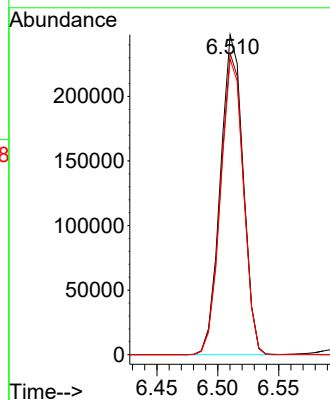
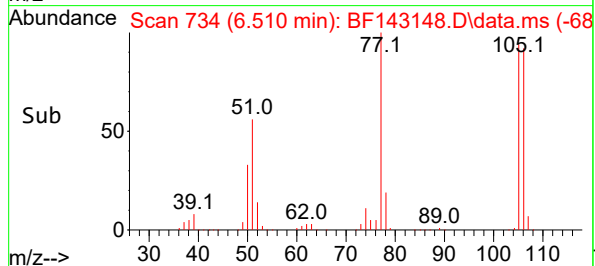
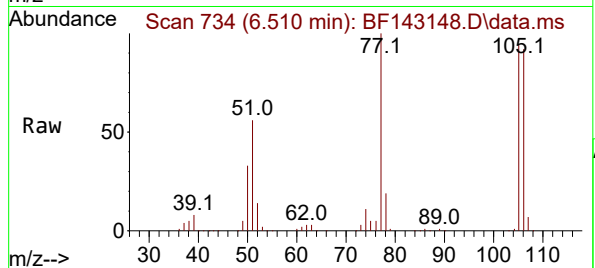
106 92.4 74.4 114.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#10

Phenol

Concen: 40.827 ng m

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

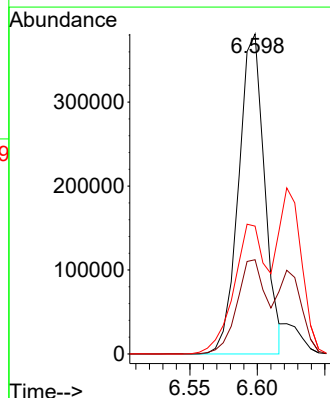
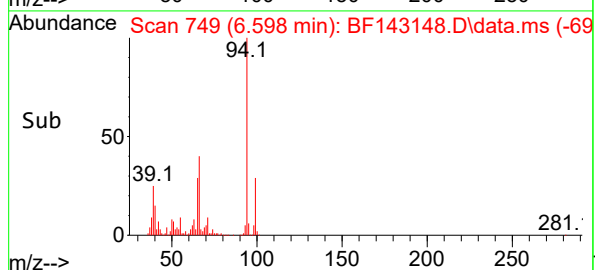
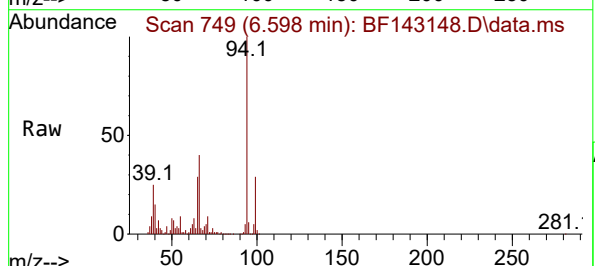
Tgt Ion: 94 Resp: 508952

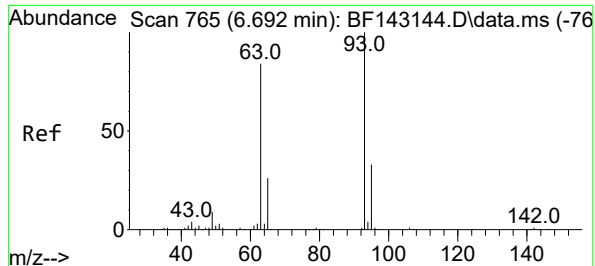
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 40.0 20.8 60.8





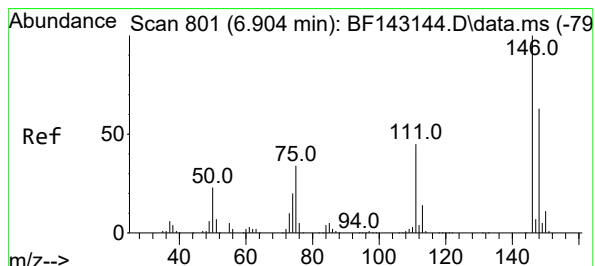
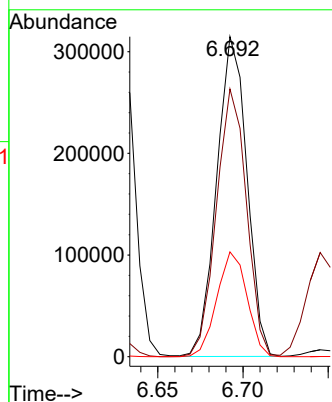
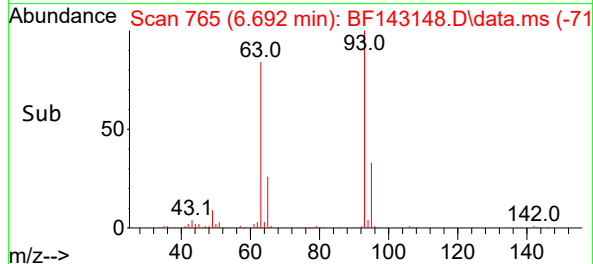
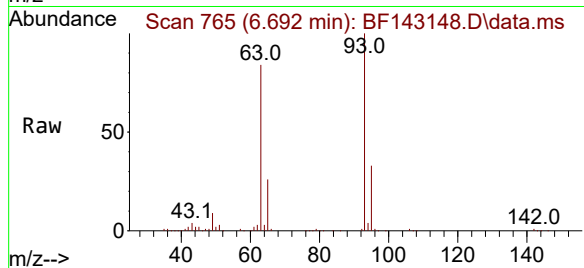
#11
bis(2-Chloroethyl)ether
Concen: 40.628 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion: 93 Resp: 38779
Ion Ratio Lower Upper
93 100
63 83.7 63.4 103.4
95 32.7 12.4 52.4

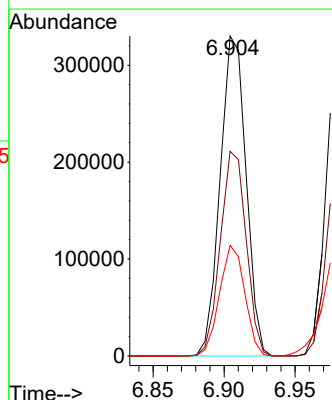
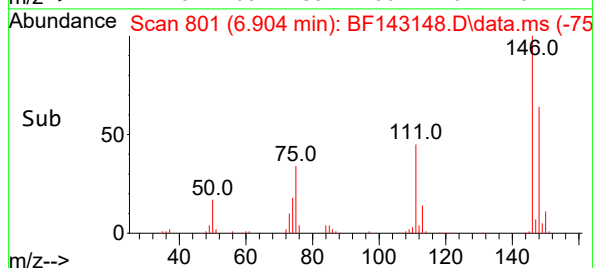
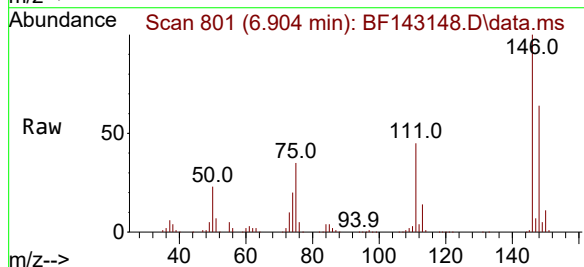
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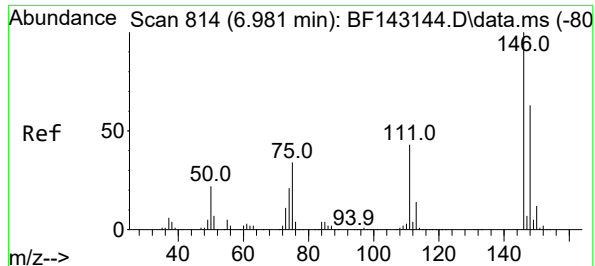
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#12
1,3-Dichlorobenzene
Concen: 40.400 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:146 Resp: 418232
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
75 34.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 40.731 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:146 Resp: 424629

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

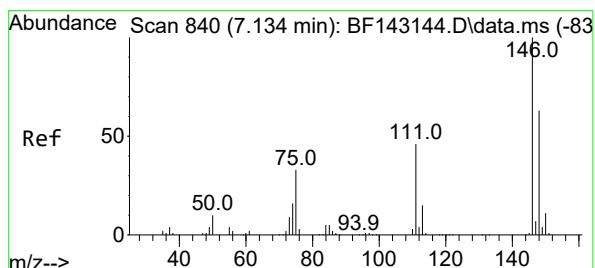
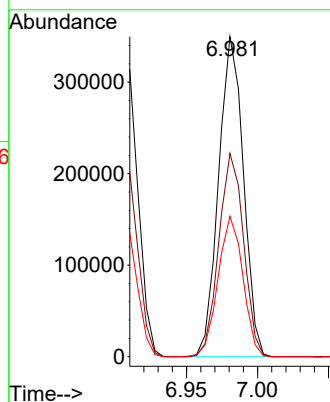
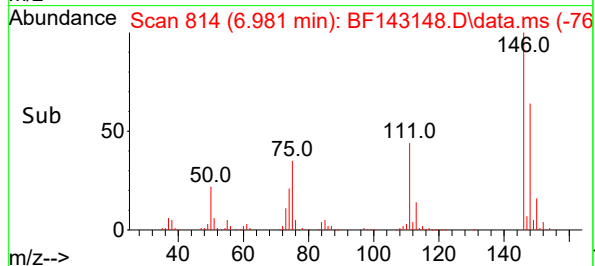
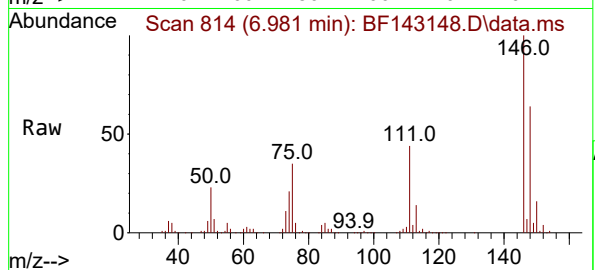
111 43.8 34.4 51.6

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#14

1,2-Dichlorobenzene

Concen: 41.506 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

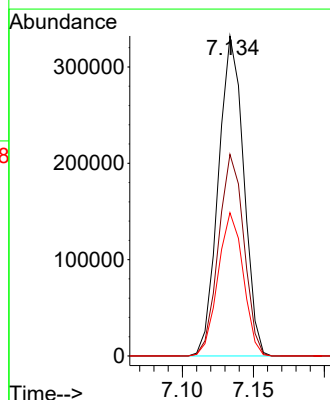
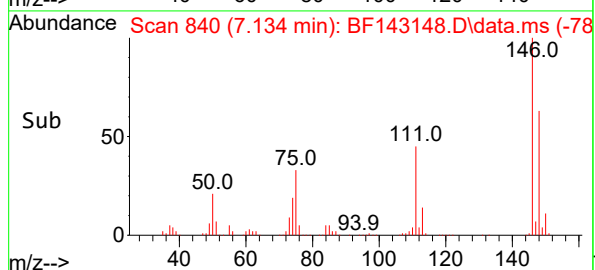
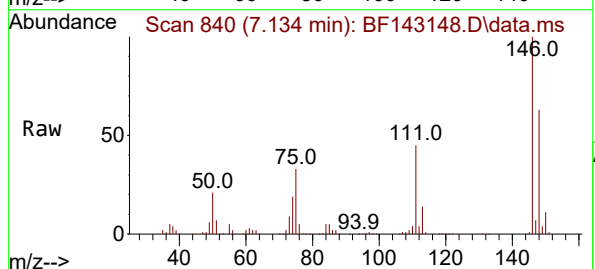
Tgt Ion:146 Resp: 411560

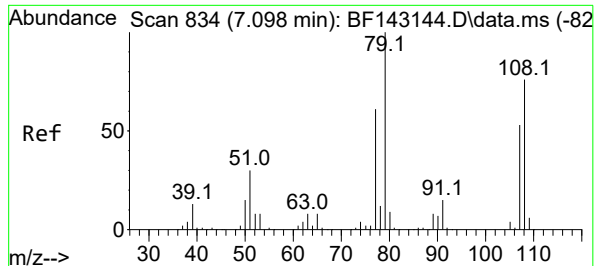
Ion Ratio Lower Upper

146 100

148 63.0 50.7 76.1

111 44.8 36.6 54.8





#15

Benzyl Alcohol

Concen: 41.958 ng

RT: 7.098 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 79 Resp: 366608

Ion Ratio Lower Upper

79 100

108 76.2 61.1 91.7

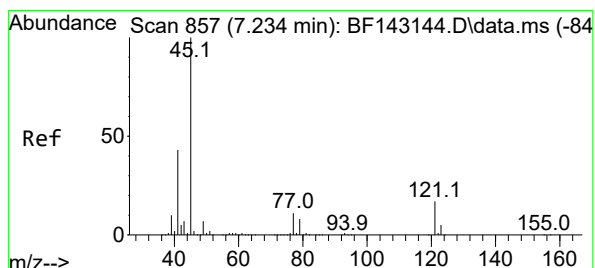
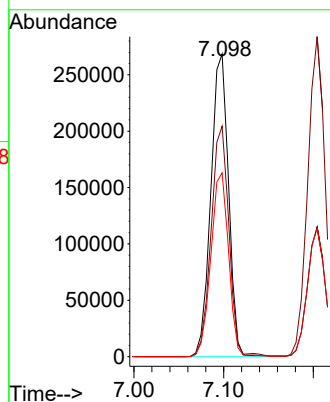
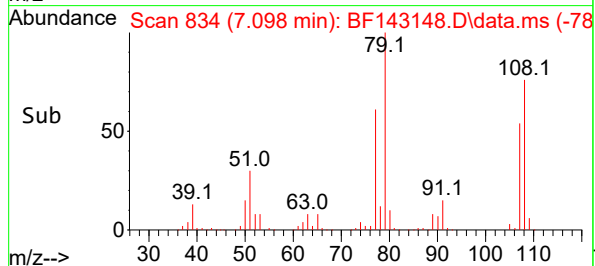
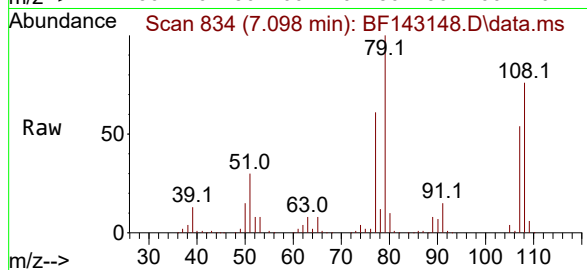
77 60.8 48.9 73.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.357 ng

RT: 7.234 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

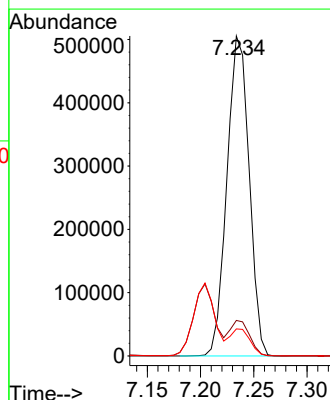
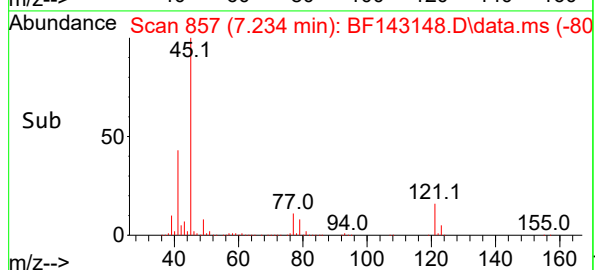
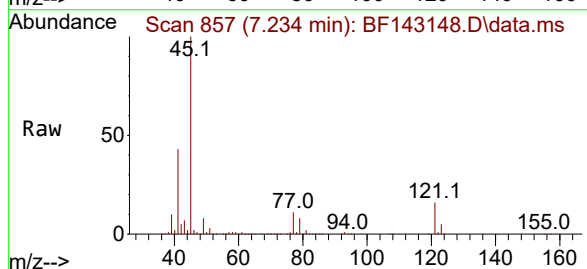
Tgt Ion: 45 Resp: 732274

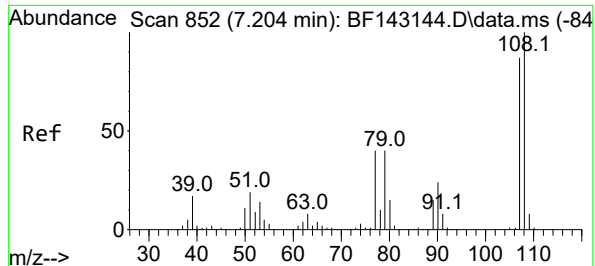
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.2

79 8.5 0.0 28.5





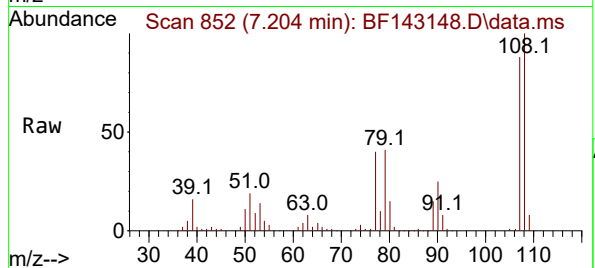
#17
2-Methylphenol
Concen: 41.398 ng
RT: 7.204 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

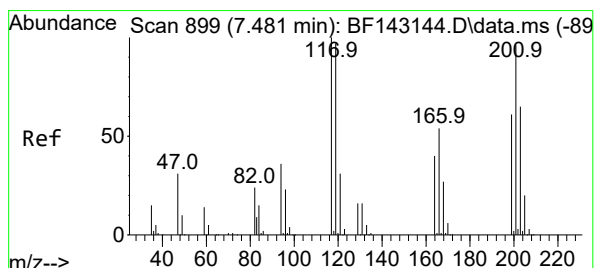
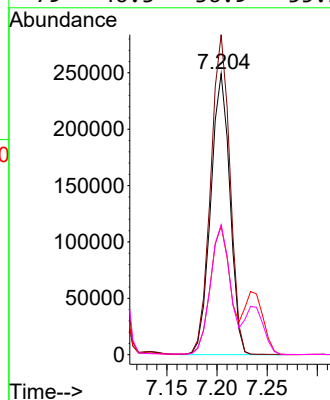
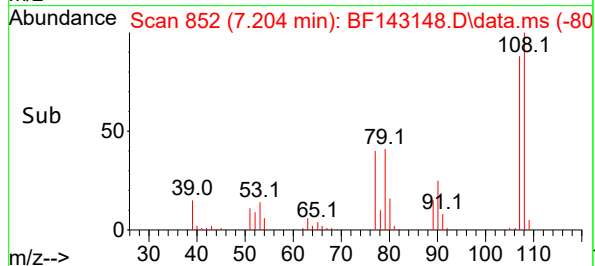


Tgt Ion:107 Resp: 331709
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.6
77 45.7 37.0 55.6
79 46.3 36.9 55.3

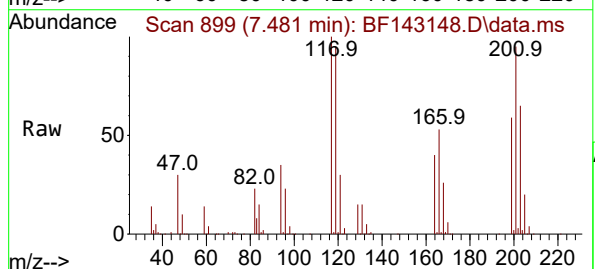
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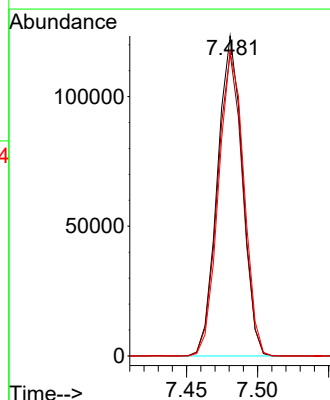
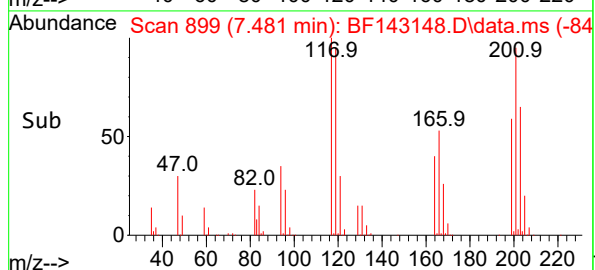
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

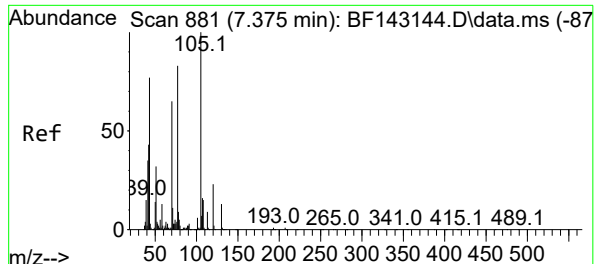


#18
Hexachloroethane
Concen: 41.903 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:117 Resp: 151232
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8
201 95.2 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.342 ng

RT: 7.375 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF143148.D

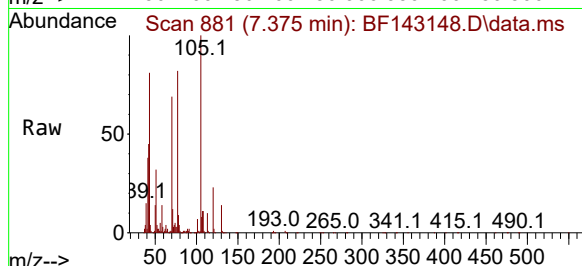
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion: 70 Resp: 29617

Ion Ratio Lower Upper

70 100

42 65.6 52.5 78.7

101 9.8 7.6 11.4

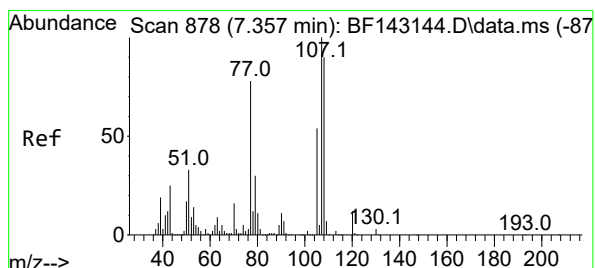
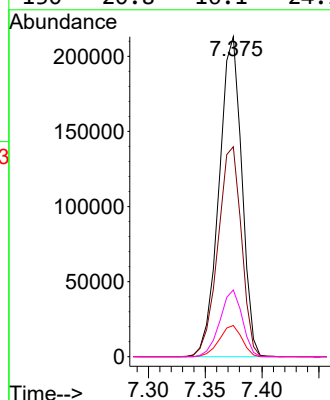
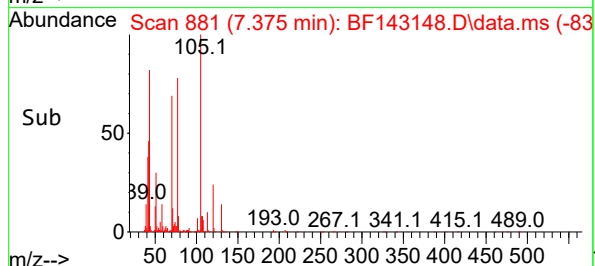
130 20.8 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#20

3+4-Methylphenols

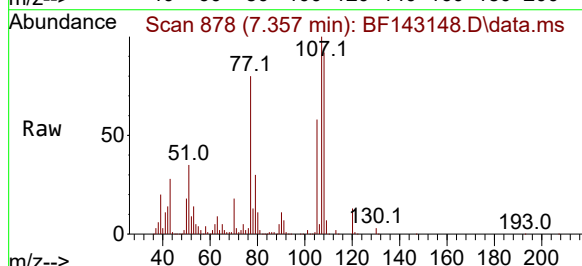
Concen: 42.387 ng

RT: 7.357 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



Tgt Ion:107 Resp: 412065

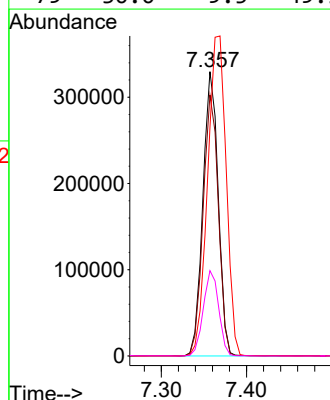
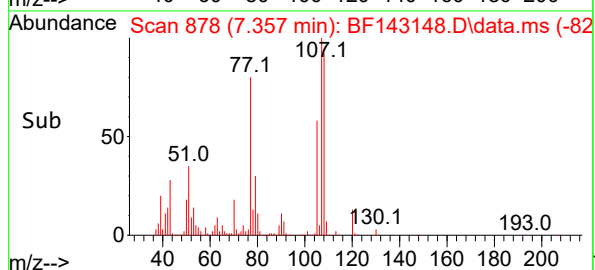
Ion Ratio Lower Upper

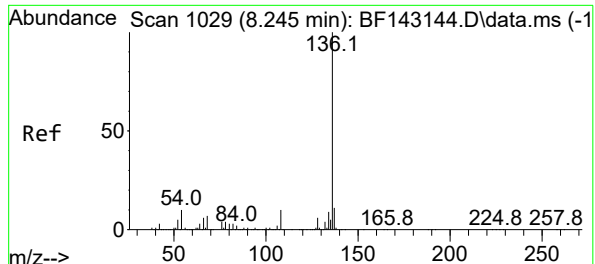
107 100

108 91.8 70.0 110.0

77 80.5 57.8 97.8

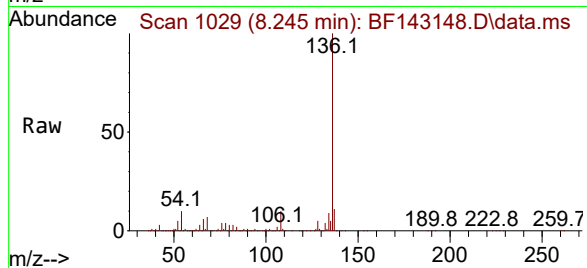
79 30.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

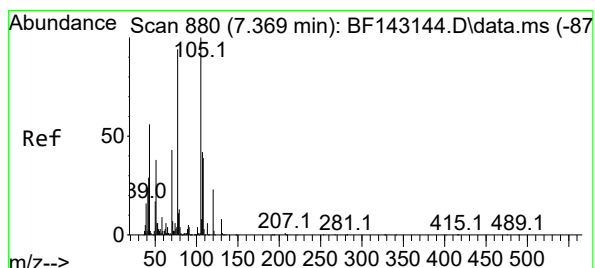
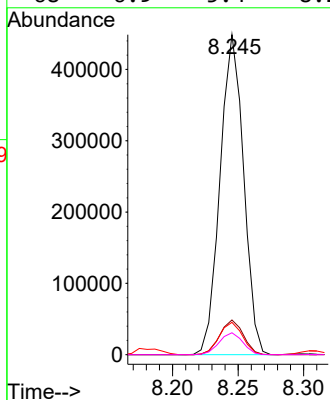
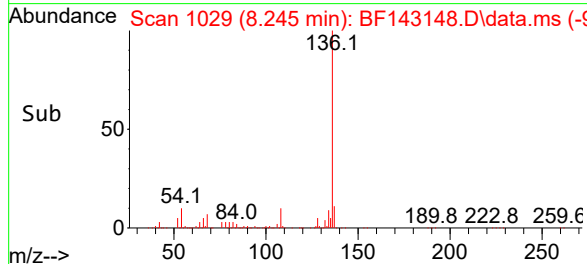
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:136 Resp: 559672
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.1 8.2 12.2
68 6.9 5.4 8.2

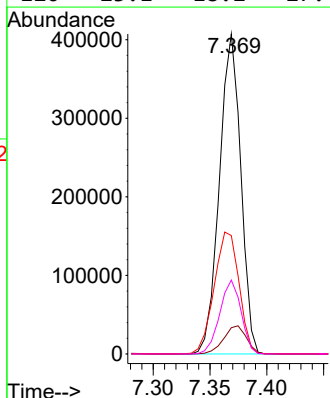
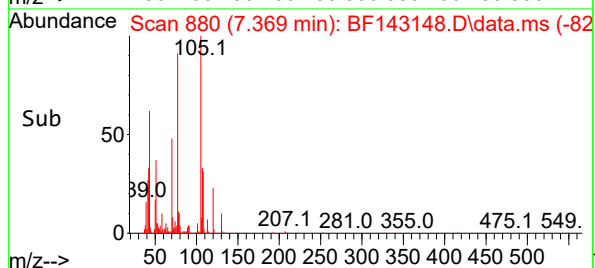
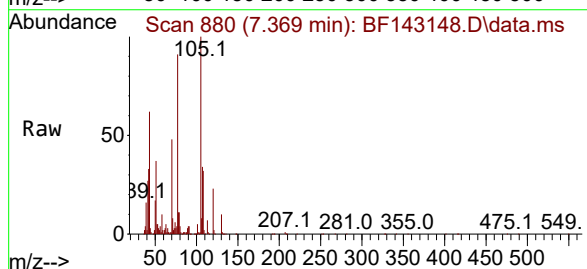
Manual Integrations
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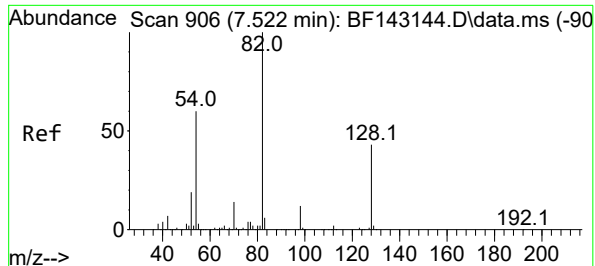
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#22
Acetophenone
Concen: 40.260 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:105 Resp: 533464
Ion Ratio Lower Upper
105 100
71 8.2 5.8 8.6
51 37.0 30.2 45.2
120 23.1 18.2 27.4





#23

Nitrobenzene-d5

Concen: 72.247 ng

RT: 7.522 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion: 82 Resp: 811178

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

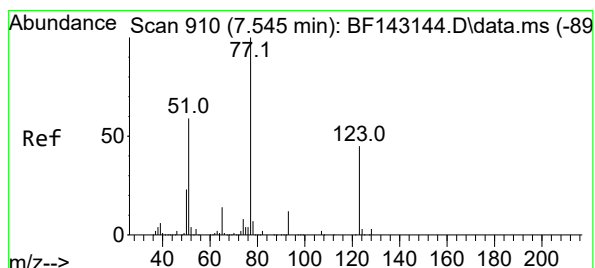
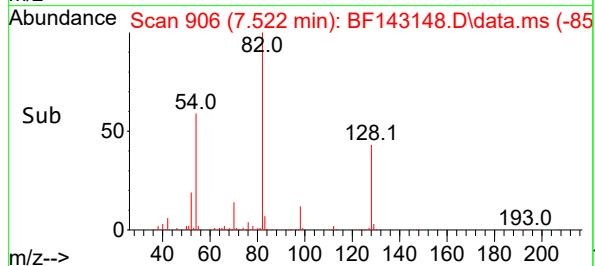
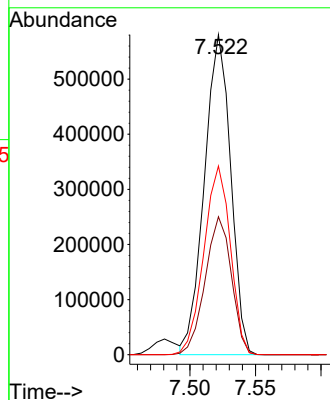
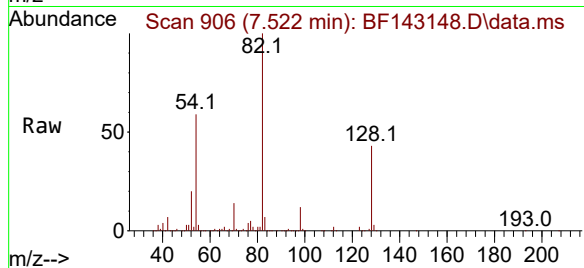
54 58.9 47.1 70.7

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#24

Nitrobenzene

Concen: 41.731 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

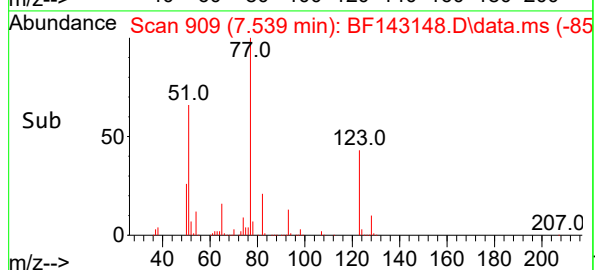
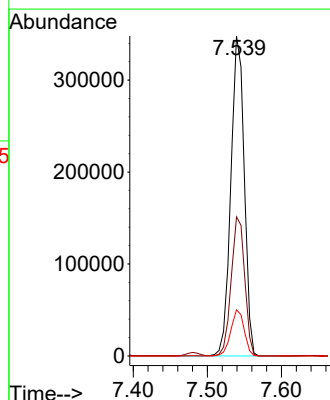
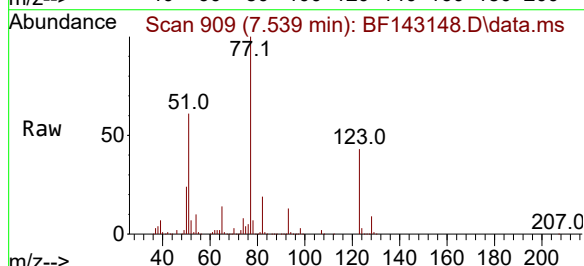
Tgt Ion: 77 Resp: 436834

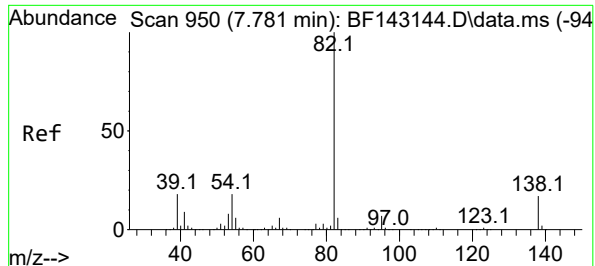
Ion Ratio Lower Upper

77 100

123 43.5 36.1 54.1

65 14.4 11.4 17.2





#25

Isophorone

Concen: 40.567 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

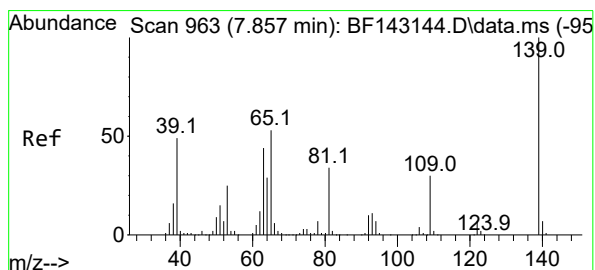
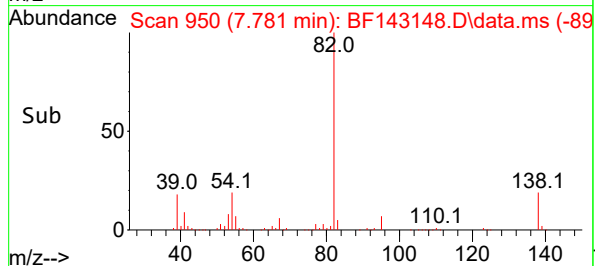
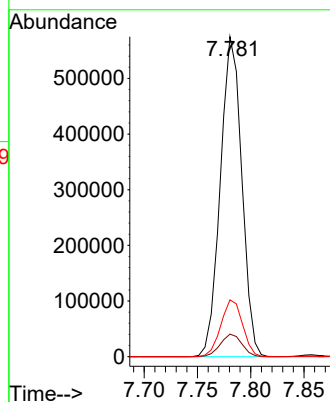
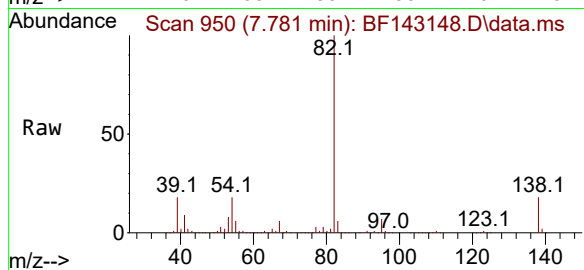
ICVBF071725

Tgt Ion: 82 Resp: 80407

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	17.8	13.8	20.8

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Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#26

2-Nitrophenol

Concen: 44.896 ng

RT: 7.857 min Scan# 963

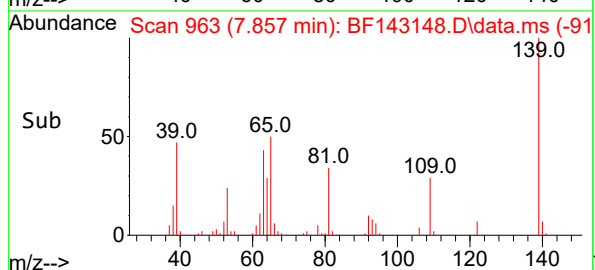
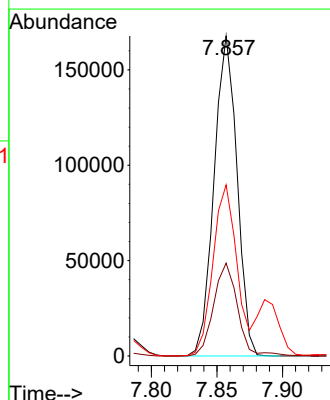
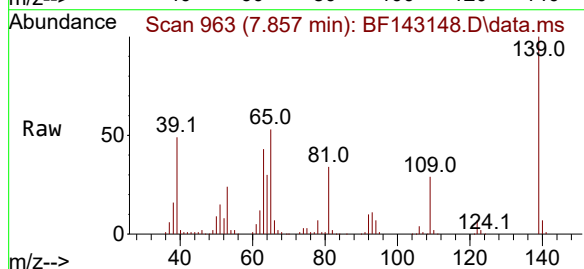
Delta R.T. -0.000 min

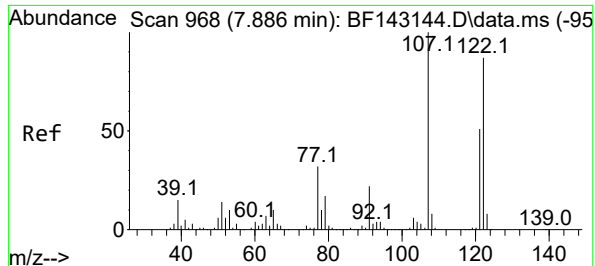
Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Tgt Ion:139 Resp: 203967

Ion	Ratio	Lower	Upper
139	100		
109	29.0	23.6	35.4
65	53.4	42.6	64.0





#27

2,4-Dimethylphenol

Concen: 40.773 ng

RT: 7.886 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:122 Resp: 37757

Ion Ratio Lower Upper

122 100

107 114.6 91.8 137.6

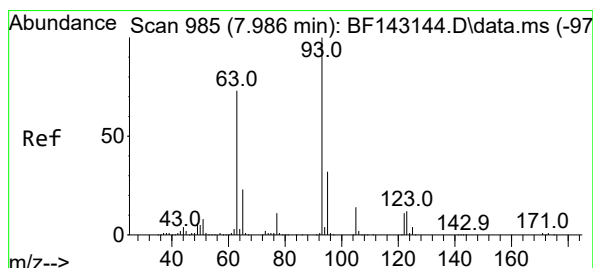
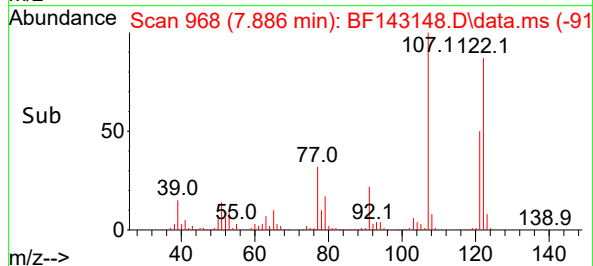
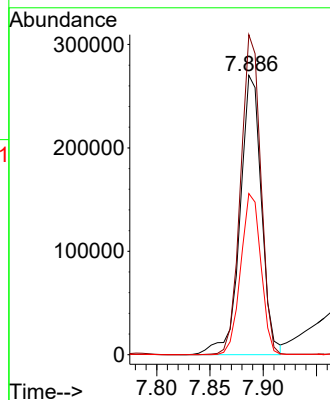
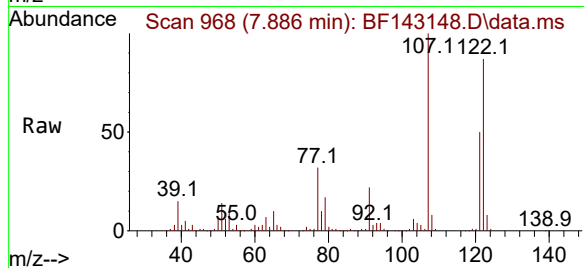
121 57.7 46.3 69.5

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.939 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

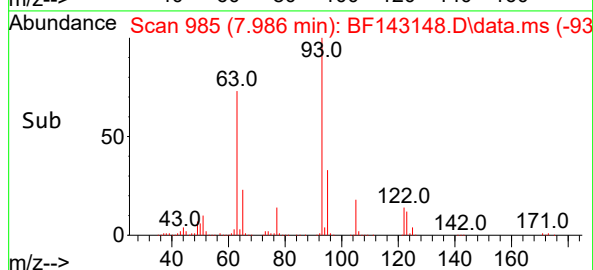
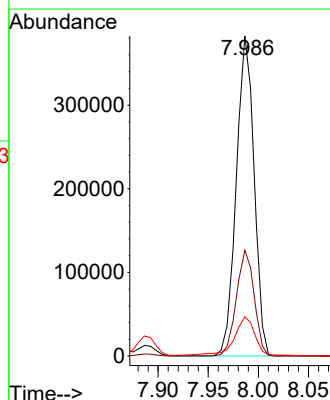
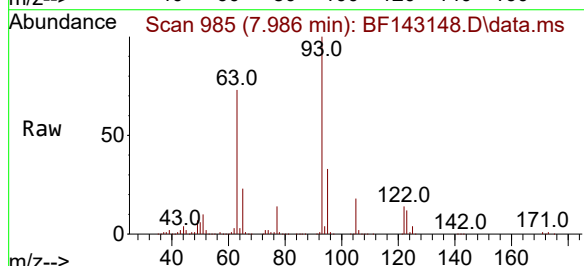
Tgt Ion: 93 Resp: 474637

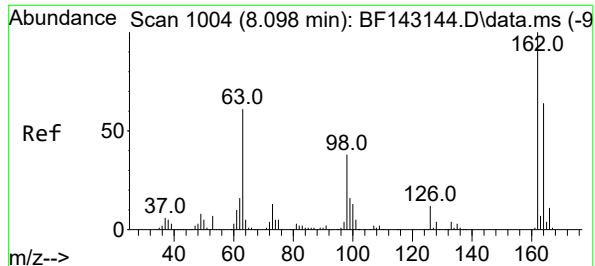
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 12.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.875 ng

RT: 8.092 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:162 Resp: 319210

Ion Ratio Lower Upper

162 100

164 63.6 44.2 84.2

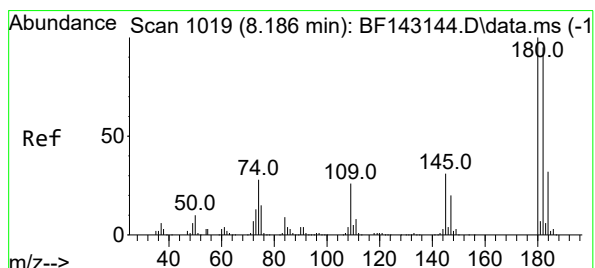
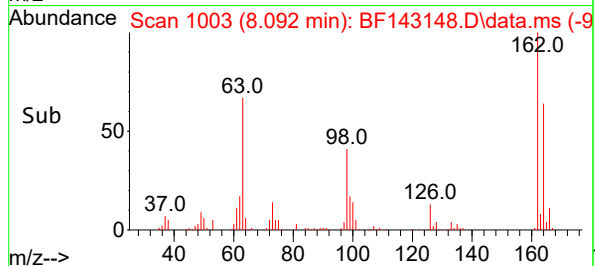
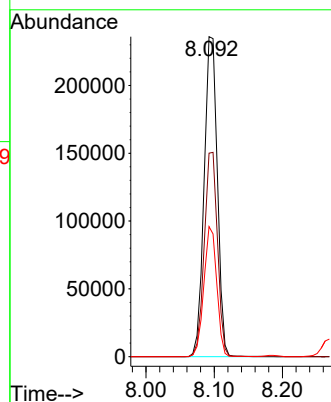
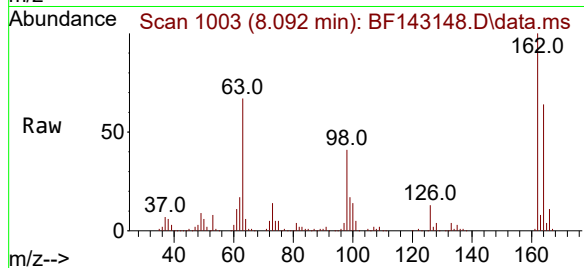
98 40.7 17.9 57.9

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#30

1,2,4-Trichlorobenzene

Concen: 40.551 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

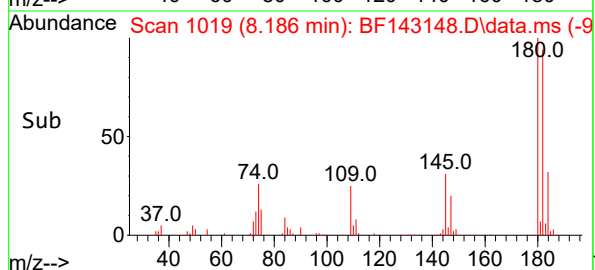
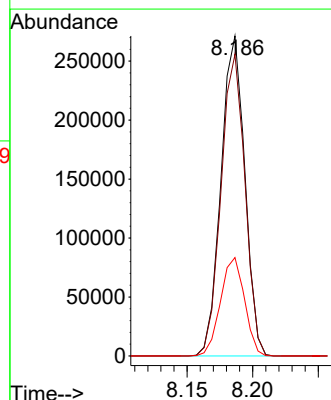
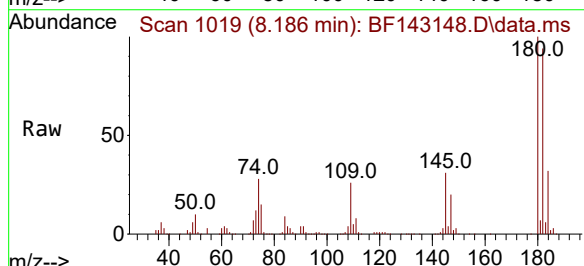
Tgt Ion:180 Resp: 342135

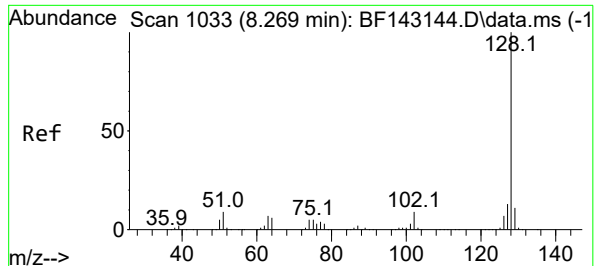
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.2

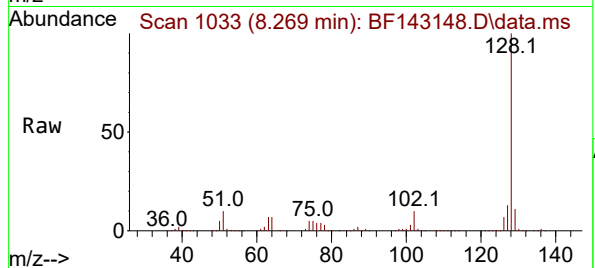
145 30.8 25.0 37.6





#31
Naphthalene
Concen: 40.143 ng
RT: 8.269 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

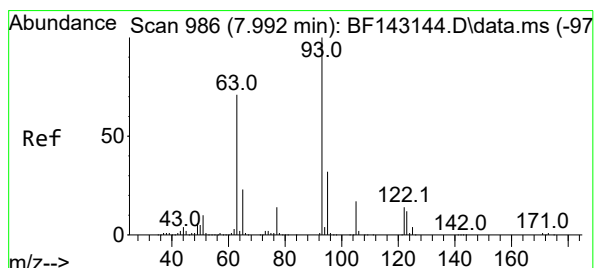
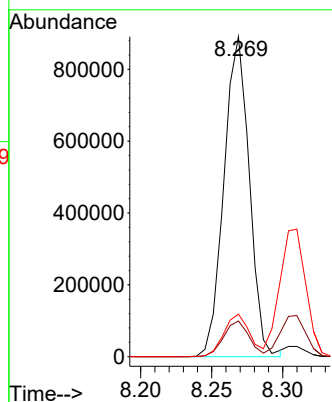
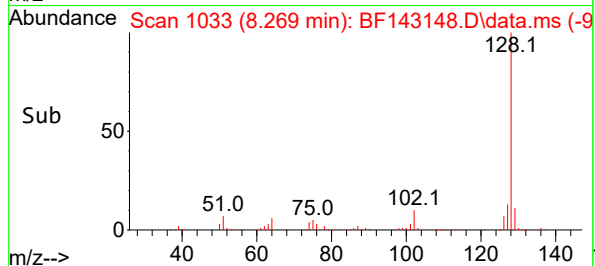
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:128 Resp: 110648
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.3 10.6 16.0

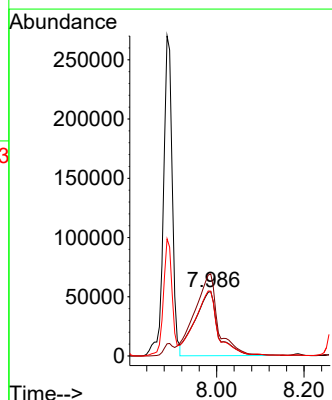
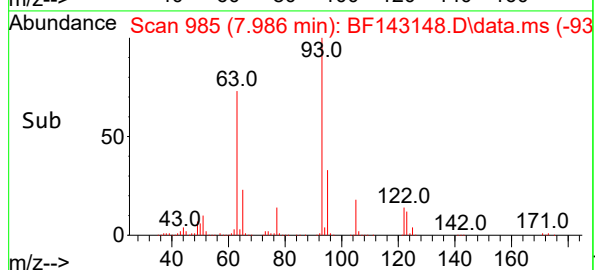
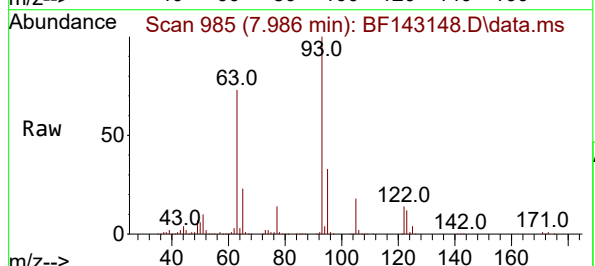
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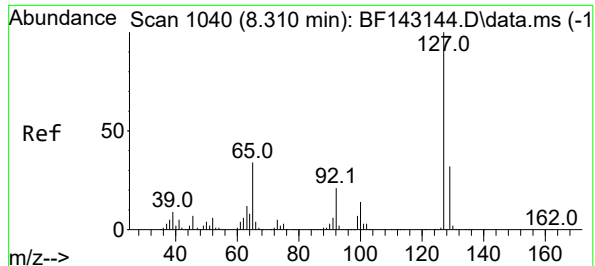
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#32
Benzoic acid
Concen: 39.782 ng
RT: 7.986 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:122 Resp: 202337
Ion Ratio Lower Upper
122 100
105 127.2 104.8 144.8
77 100.3 77.6 117.6





#33

4-Chloroaniline

Concen: 40.671 ng

RT: 8.310 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:127 Resp: 45774

Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 33.8 27.4 41.2

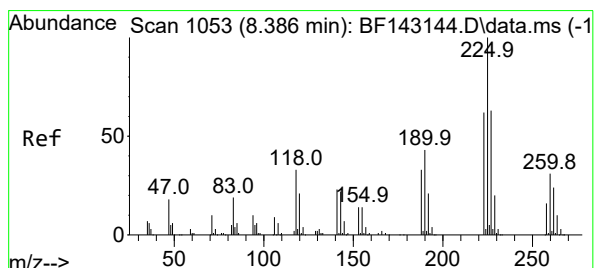
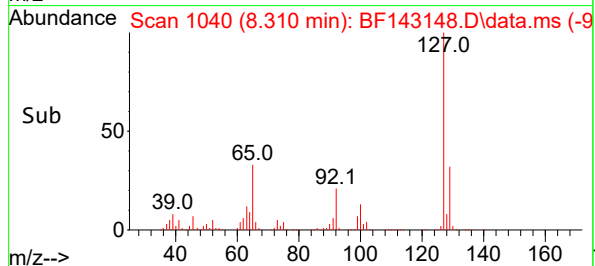
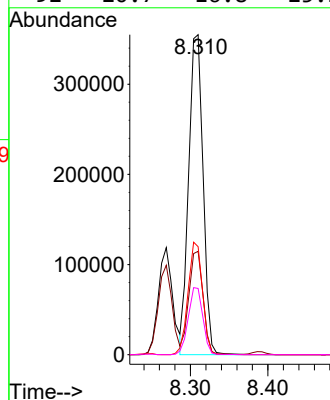
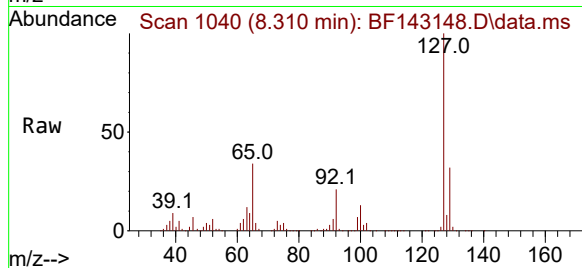
92 20.7 16.8 25.2

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#34

Hexachlorobutadiene

Concen: 41.284 ng

RT: 8.386 min Scan# 1053

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

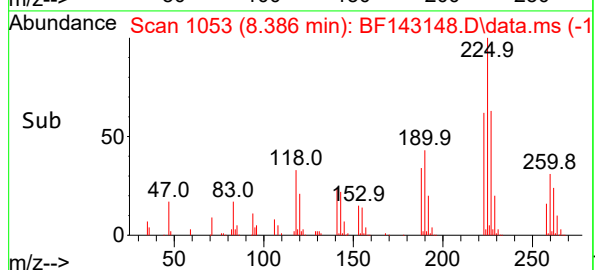
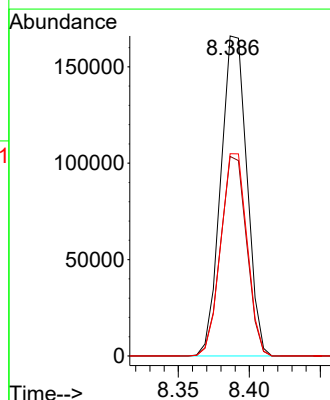
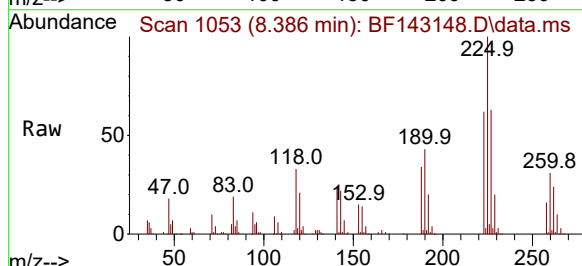
Tgt Ion:225 Resp: 212781

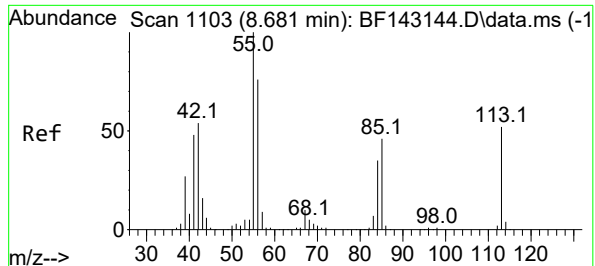
Ion Ratio Lower Upper

225 100

223 62.3 49.8 74.6

227 63.2 50.2 75.4





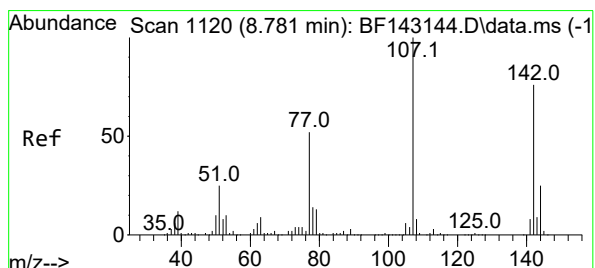
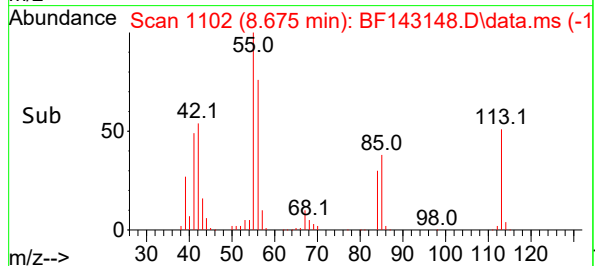
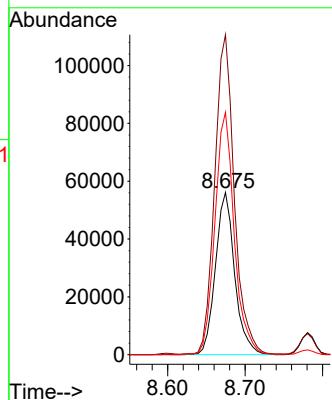
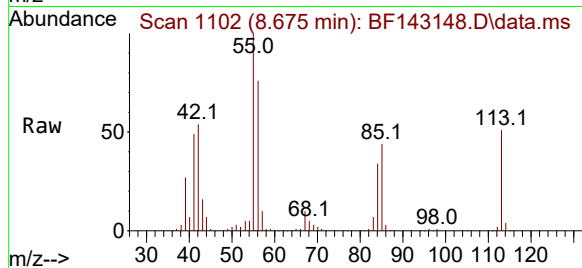
#35
 Caprolactam
 Concen: 40.959 ng
 RT: 8.675 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Tgt Ion:113 Resp: 9666
 Ion Ratio Lower Upper
 113 100
 55 197.3 174.0 214.0
 56 149.4 126.6 166.6

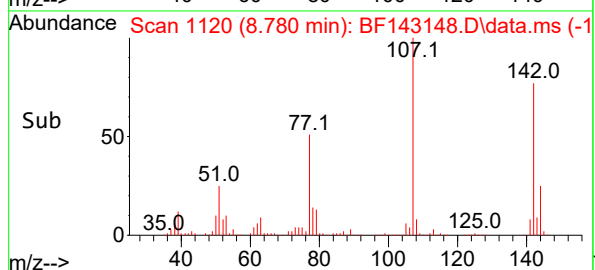
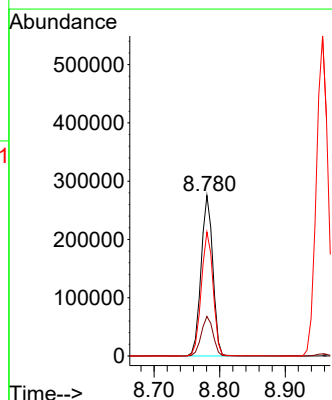
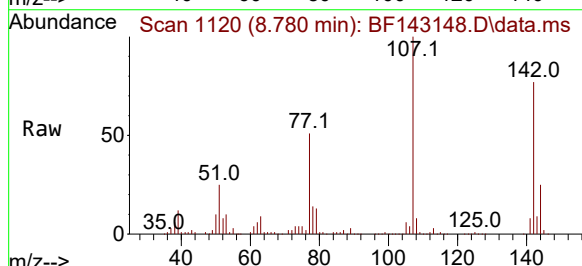
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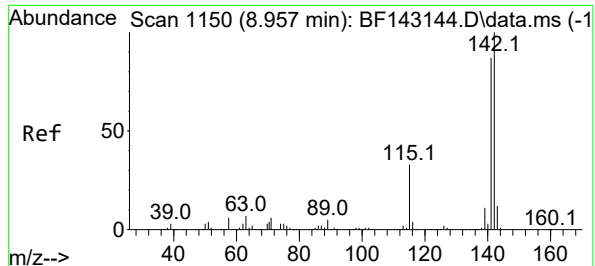
Reviewed By :Rahul Chavli 07/18/2025
 Supervised By :Jagrut Upadhyay 07/18/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.611 ng
 RT: 8.780 min Scan# 1120
 Delta R.T. -0.000 min
 Lab File: BF143148.D
 Acq: 17 Jul 2025 15:06

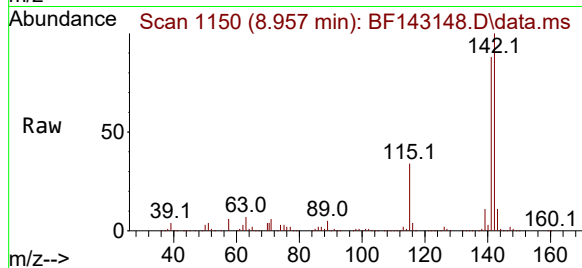
Tgt Ion:107 Resp: 344726
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 77.3 60.6 90.8





#37
2-Methylnaphthalene
Concen: 40.279 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

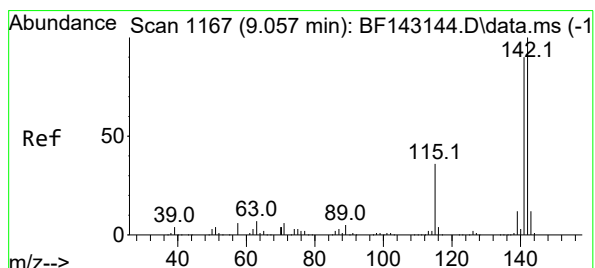
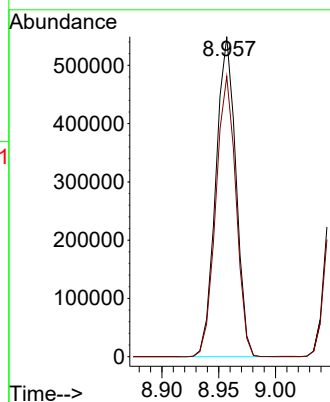
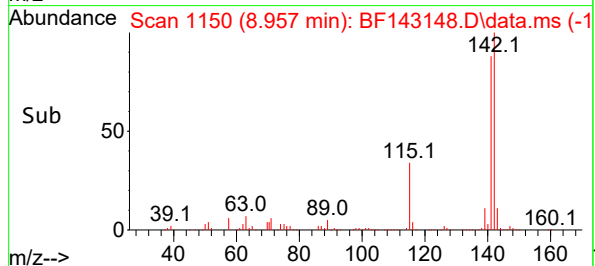
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:142 Resp: 675594
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

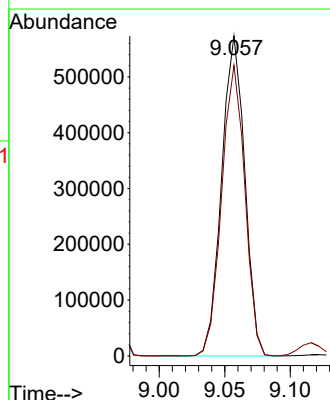
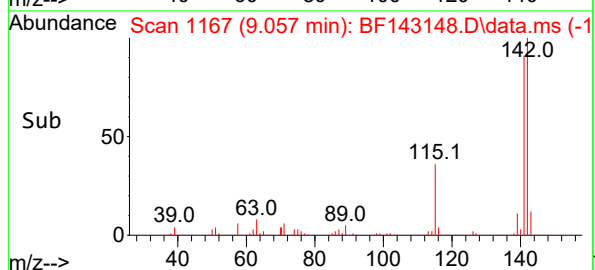
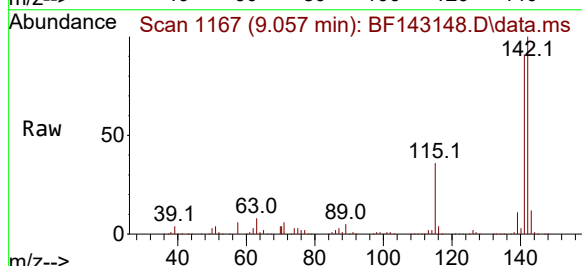
Manual Integrations
APPROVED

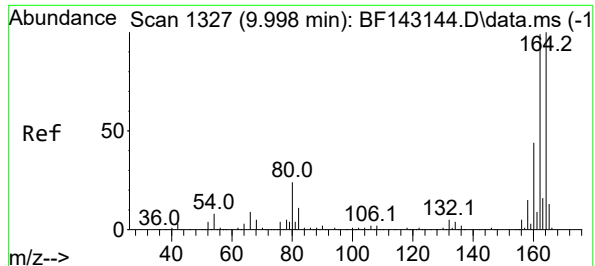
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#38
1-Methylnaphthalene
Concen: 40.712 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:142 Resp: 703170
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143148.D

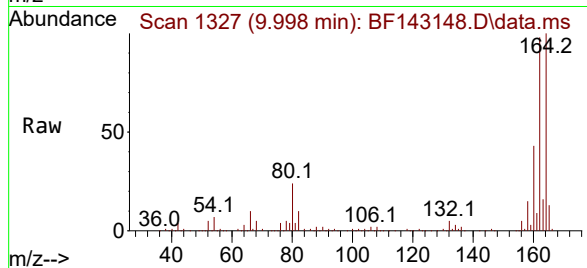
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:164 Resp: 28725

Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

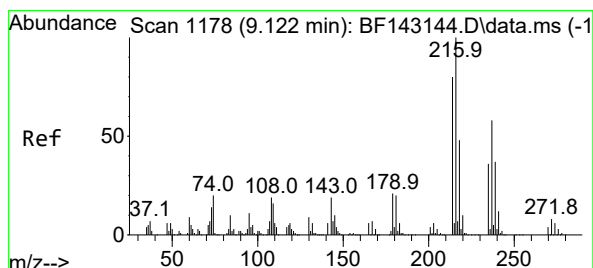
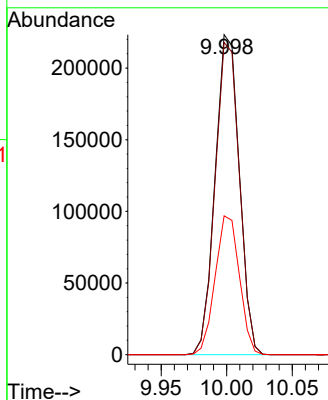
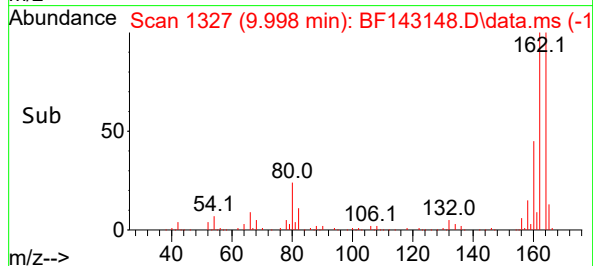
160 43.4 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#40

1,2,4,5-Tetrachlorobenzene

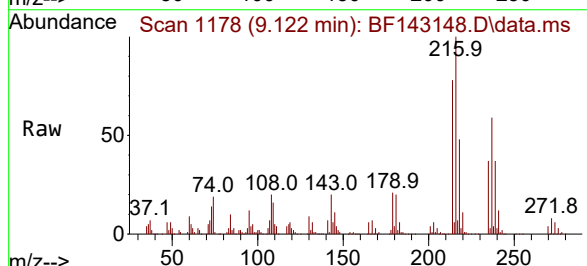
Concen: 40.944 ng

RT: 9.122 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



Tgt Ion:216 Resp: 339567

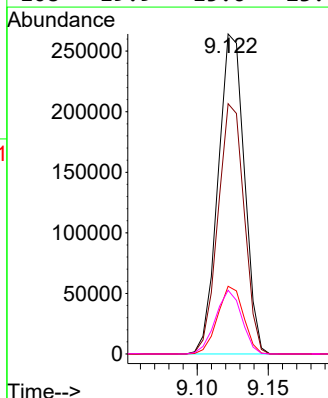
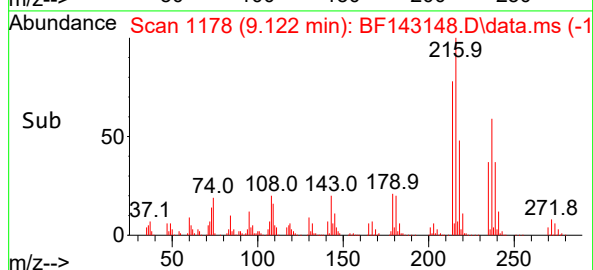
Ion Ratio Lower Upper

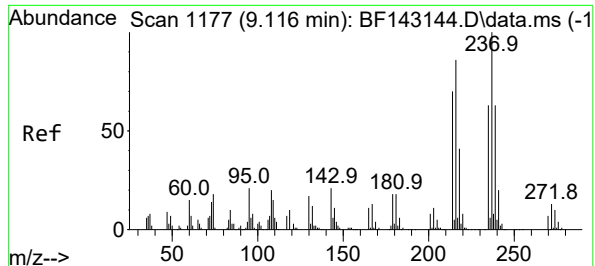
216 100

214 77.8 63.8 95.8

179 20.8 16.4 24.6

108 19.9 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 42.872 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:237 Resp: 231349

Ion Ratio Lower Upper

237 100

235 62.5 43.0 83.0

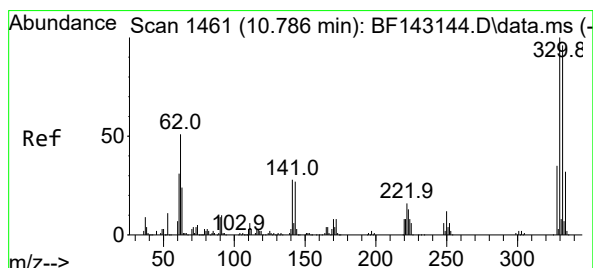
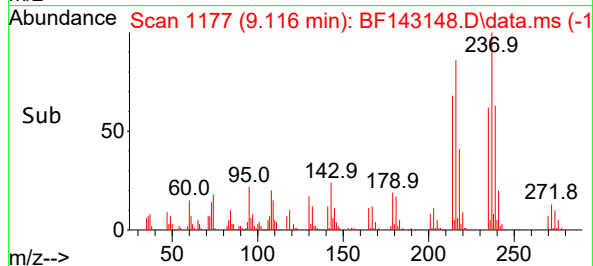
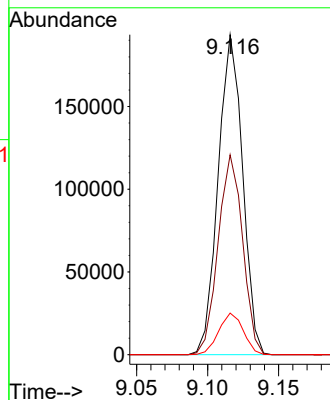
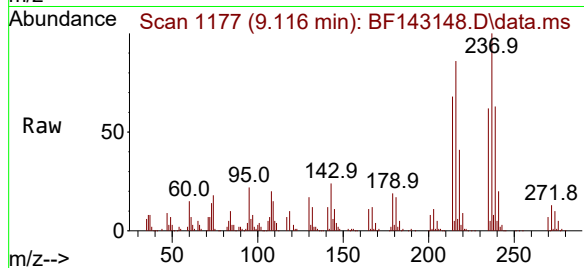
272 13.0 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#42

2,4,6-Tribromophenol

Concen: 79.969 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

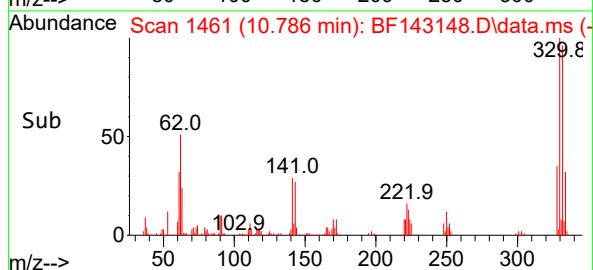
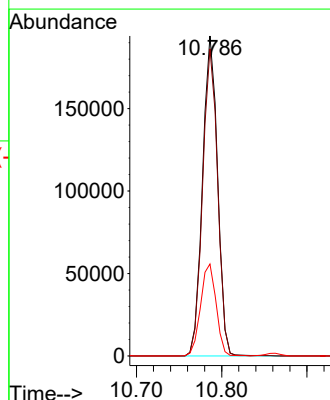
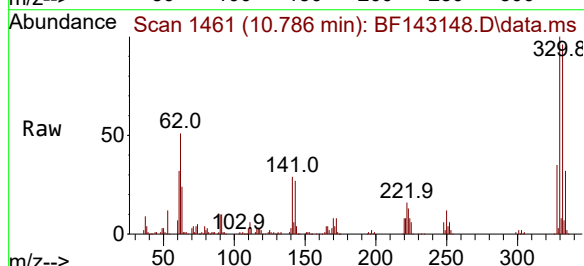
Tgt Ion:330 Resp: 237309

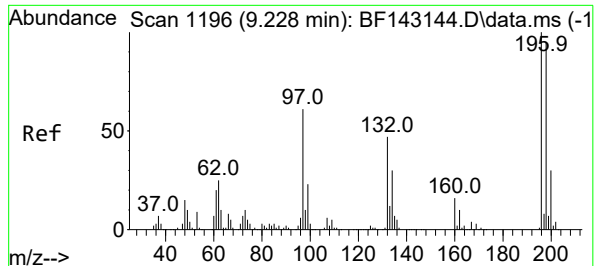
Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

141 29.8 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 40.253 ng

RT: 9.228 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF143148.D

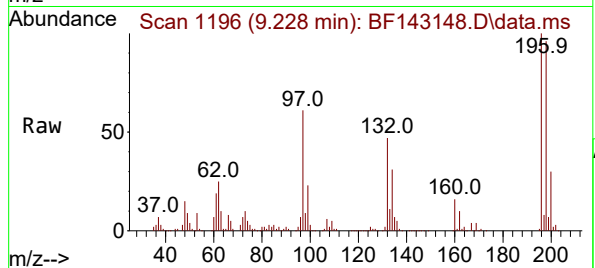
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:196 Resp: 23104

Ion Ratio Lower Upper

196 100

198 95.9 76.2 114.2

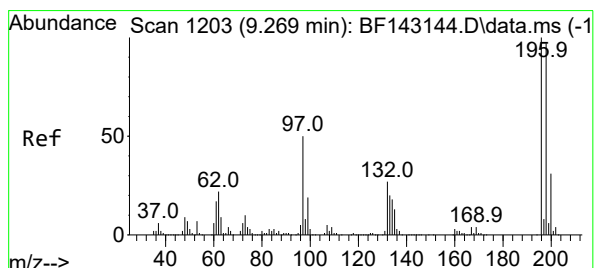
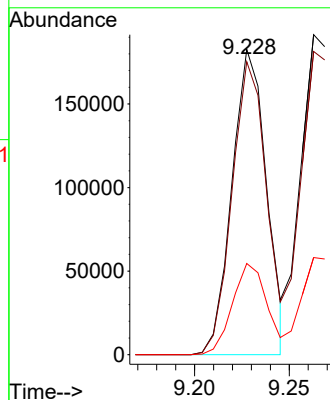
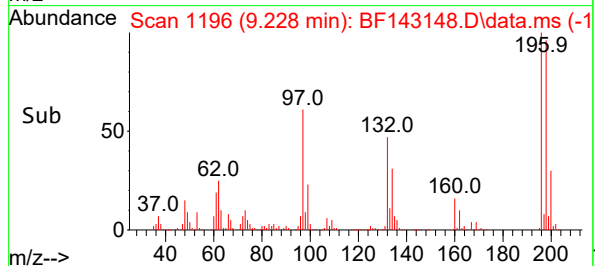
200 29.9 23.9 35.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#44

2,4,5-Trichlorophenol

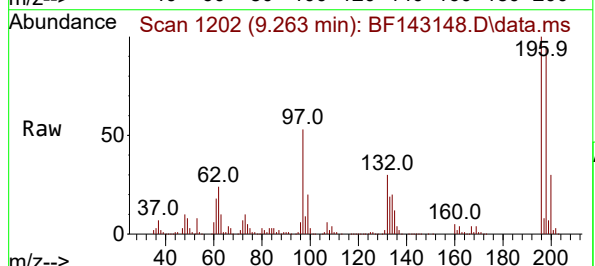
Concen: 42.989 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



Tgt Ion:196 Resp: 246820

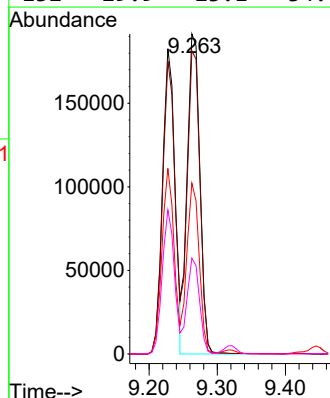
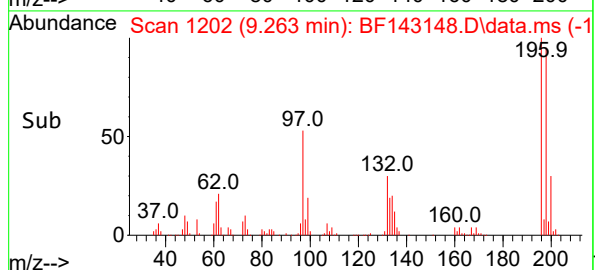
Ion Ratio Lower Upper

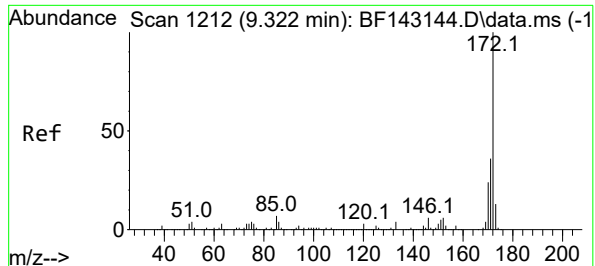
196 100

198 94.8 77.3 115.9

97 53.3 40.3 60.5

132 29.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 68.992 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:172 Resp: 1449098

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

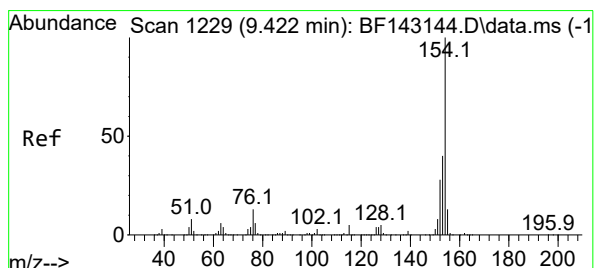
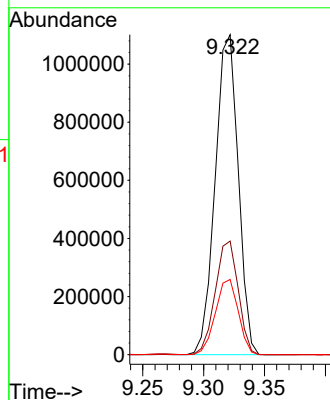
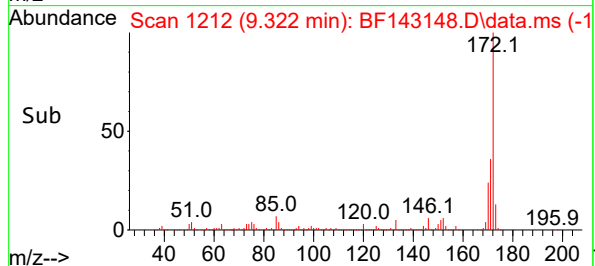
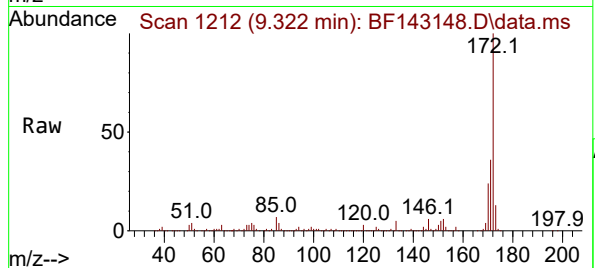
170 23.5 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#46

1,1'-Biphenyl

Concen: 41.053 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

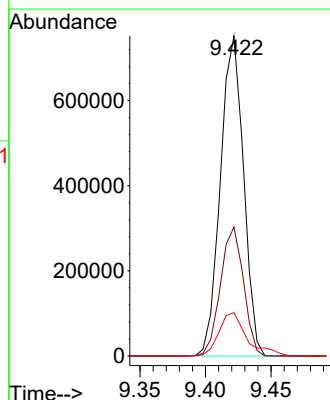
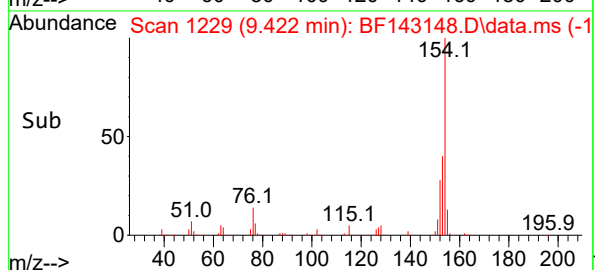
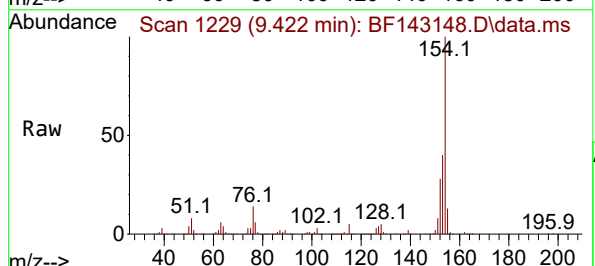
Tgt Ion:154 Resp: 920059

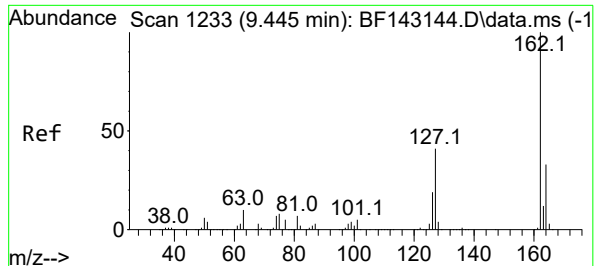
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.184 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143148.D

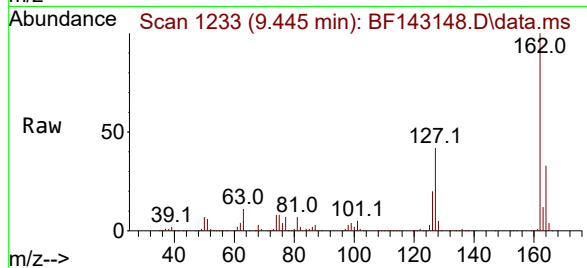
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:162 Resp: 666359

Ion Ratio Lower Upper

162 100

127 42.0 33.4 50.2

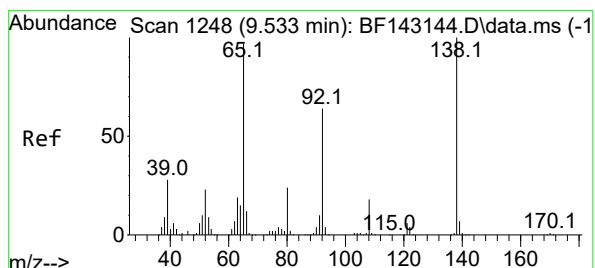
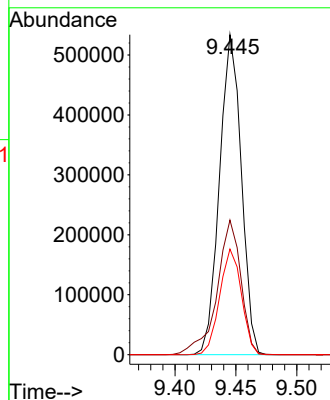
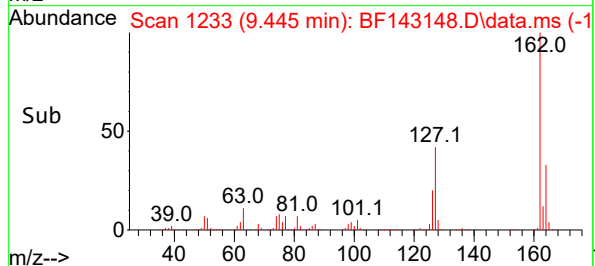
164 33.0 26.2 39.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#48

2-Nitroaniline

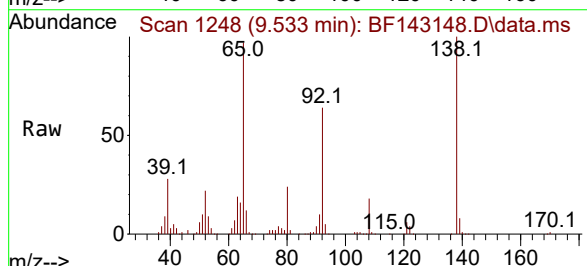
Concen: 43.723 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



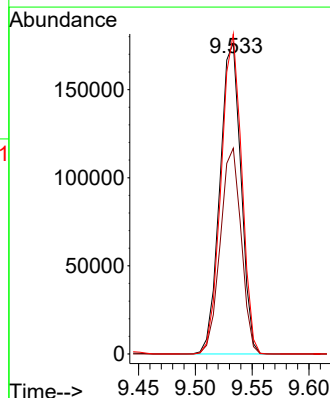
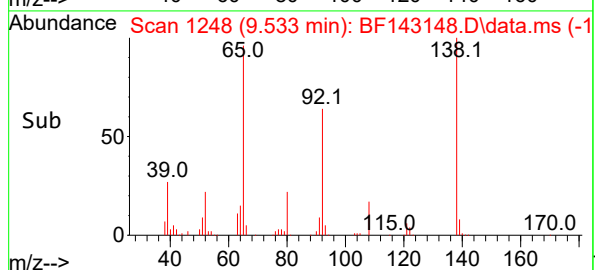
Tgt Ion: 65 Resp: 227376

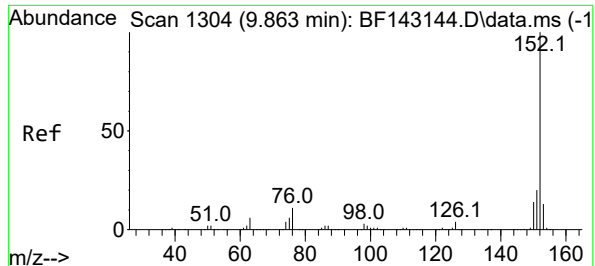
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 102.9 82.3 123.5





#49

Acenaphthylene

Concen: 40.013 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143148.D

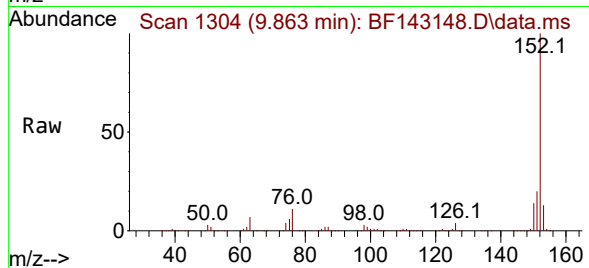
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



Tgt Ion:152 Resp: 1111992

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

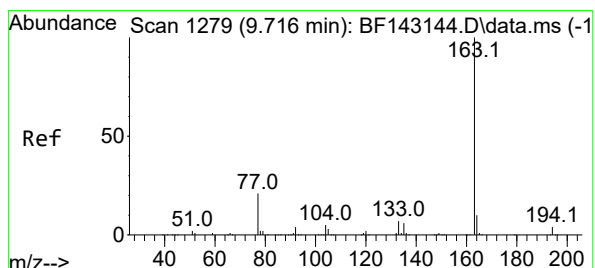
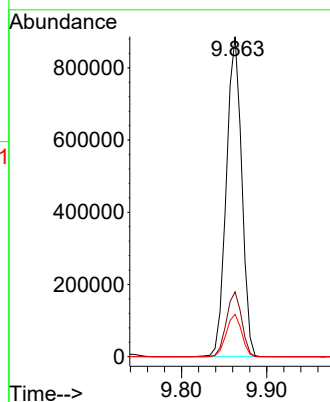
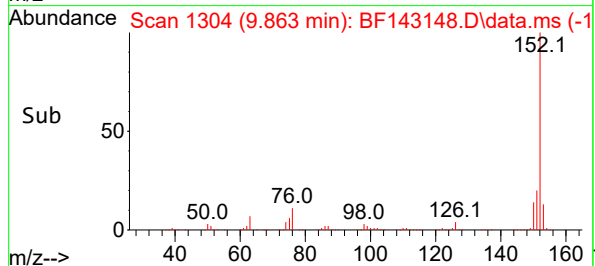
153 13.3 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#50

Dimethylphthalate

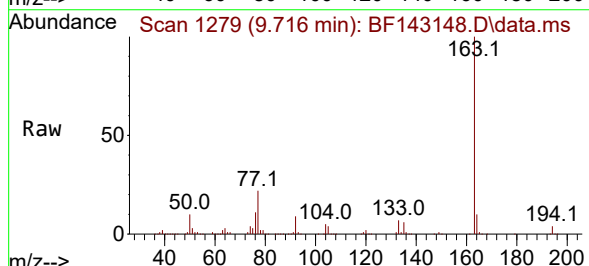
Concen: 40.218 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06



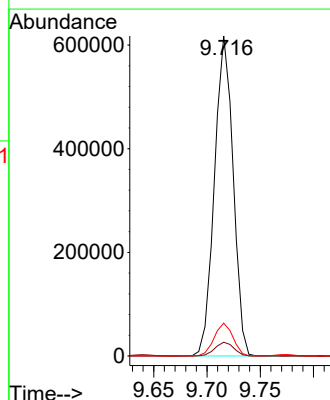
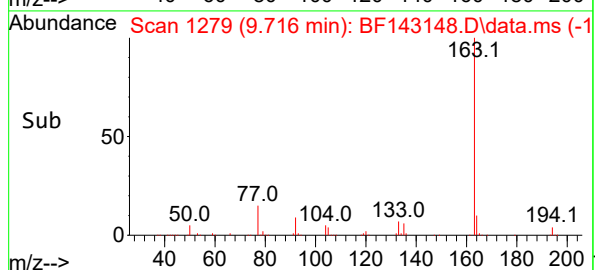
Tgt Ion:163 Resp: 753041

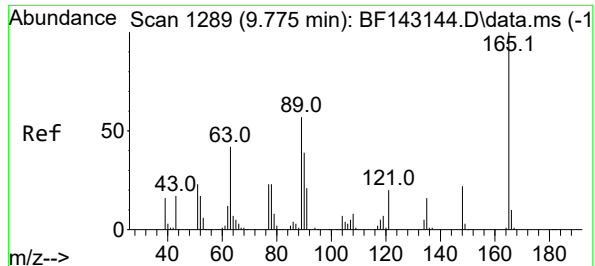
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

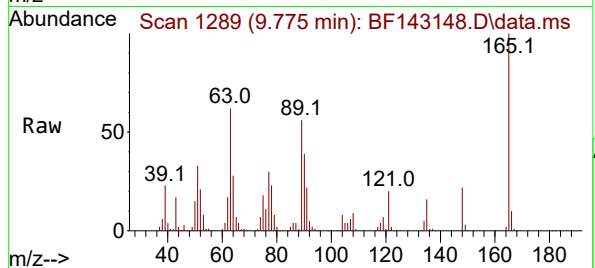
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.820 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

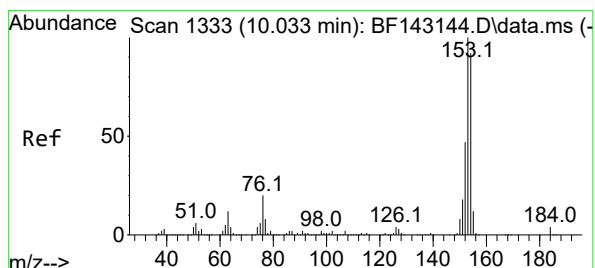
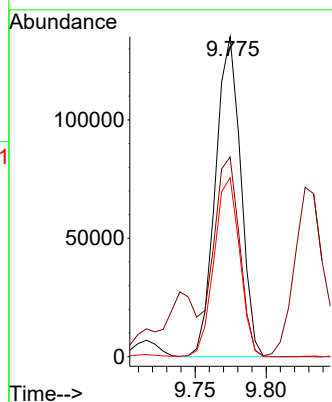
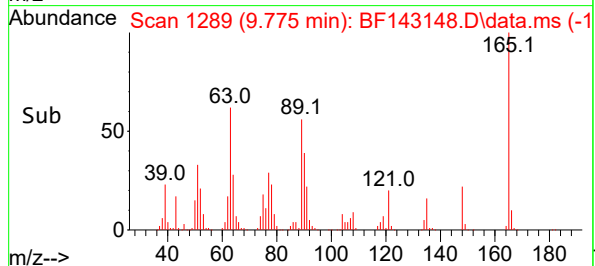
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:165 Resp: 16691
Ion Ratio Lower Upper
165 100
63 62.4 49.4 74.2
89 56.0 46.2 69.2

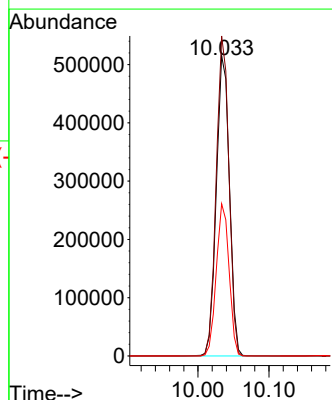
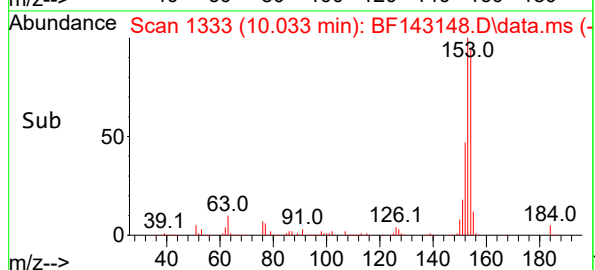
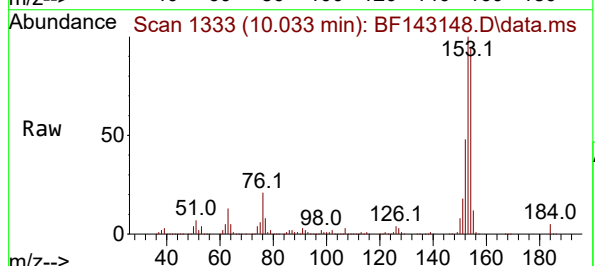
Manual Integrations
APPROVED

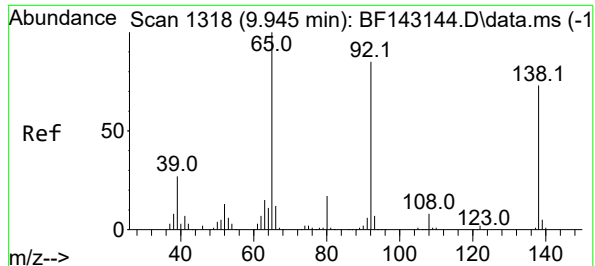
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#52
Acenaphthene
Concen: 40.176 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:154 Resp: 659908
Ion Ratio Lower Upper
154 100
153 106.6 86.6 129.8
152 50.7 40.4 60.6





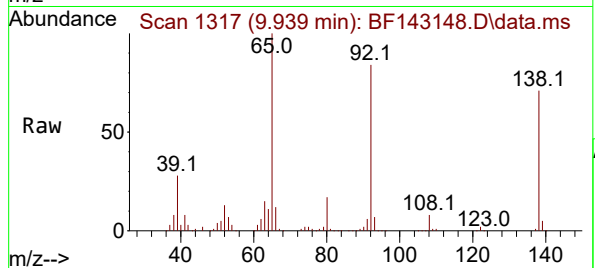
#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

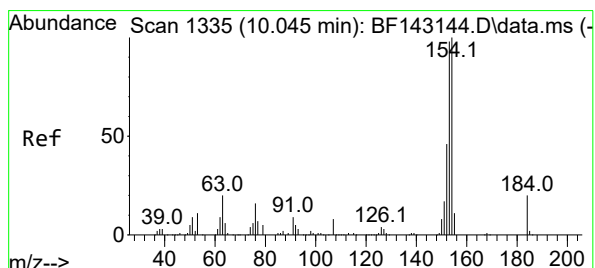
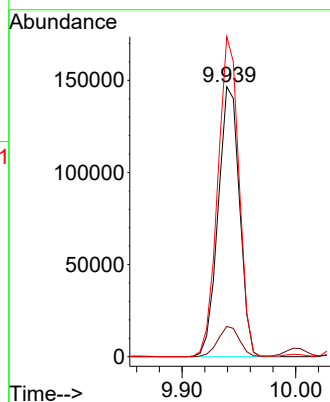
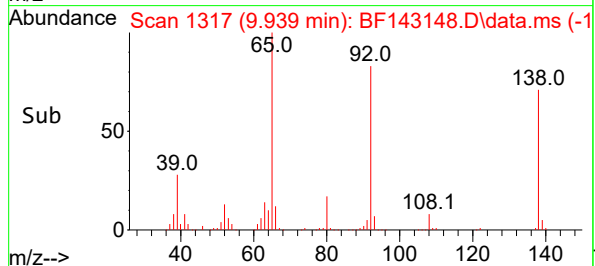


Tgt Ion:138 Resp: 191512
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.6
92 118.6 93.0 139.4

Manual Integrations

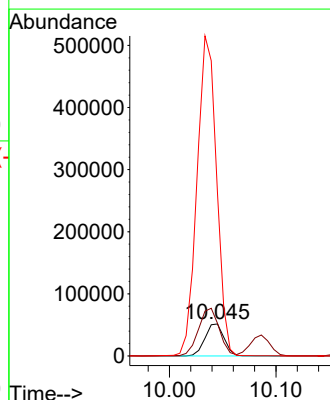
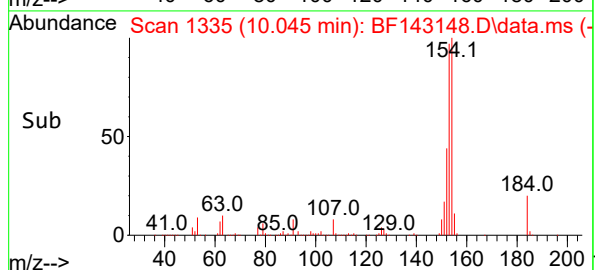
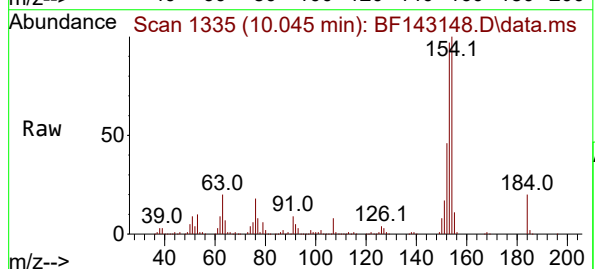
APPROVED

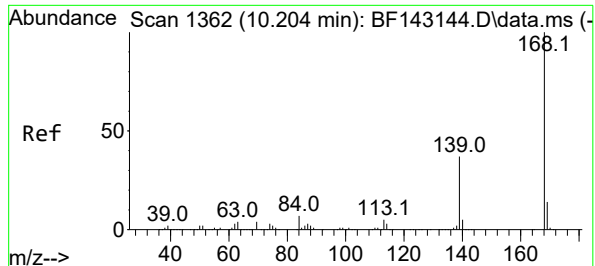
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#54
2,4-Dinitrophenol
Concen: 40.998 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:184 Resp: 64659
Ion Ratio Lower Upper
184 100
63 102.3 81.8 122.6
154 509.4 412.2 618.4





#55

Dibenzenofuran

Concen: 39.981 ng

RT: 10.204 min Scan# 1362

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:168 Resp: 97499

Ion Ratio Lower Upper

168 100

139 36.9 29.5 44.3

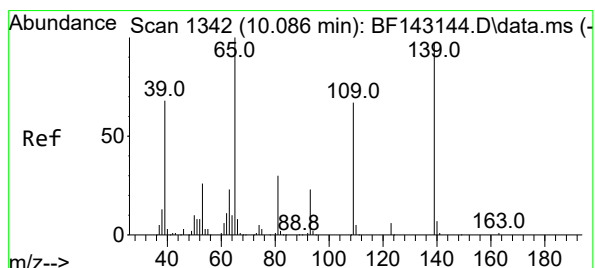
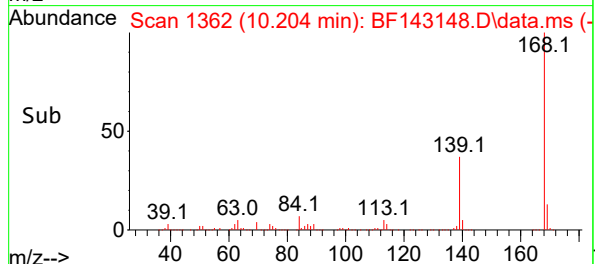
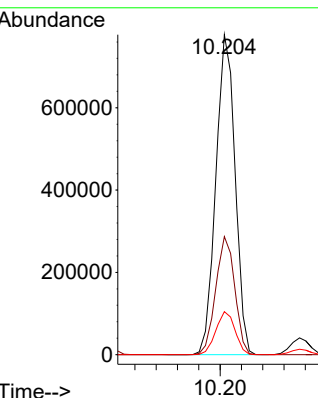
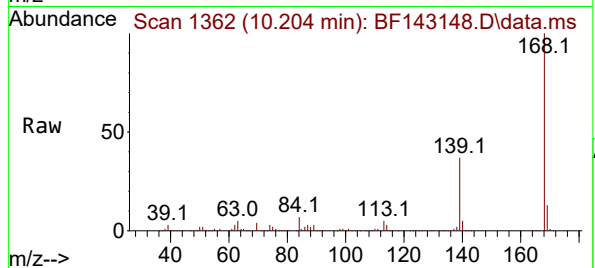
169 13.5 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#56

4-Nitrophenol

Concen: 42.344 ng

RT: 10.086 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

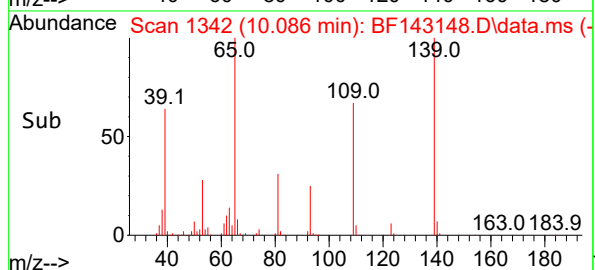
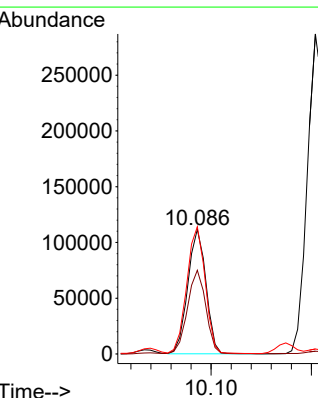
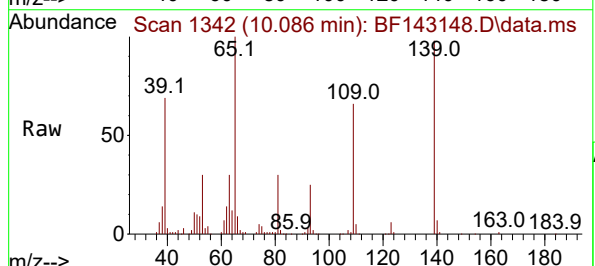
Tgt Ion:139 Resp: 140876

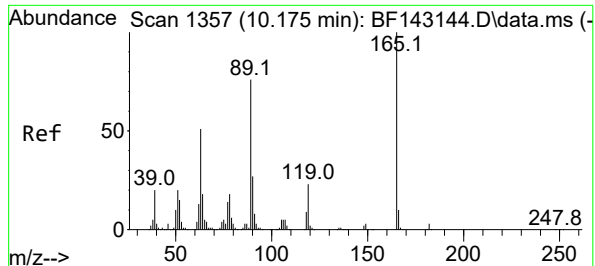
Ion Ratio Lower Upper

139 100

109 67.2 48.5 88.5

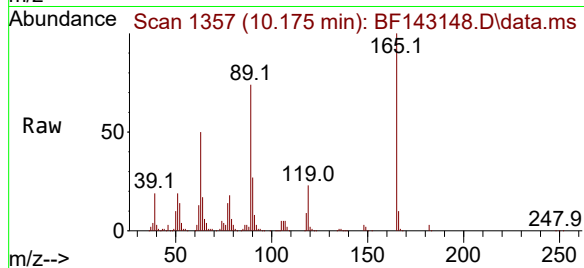
65 102.1 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 44.440 ng
RT: 10.175 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

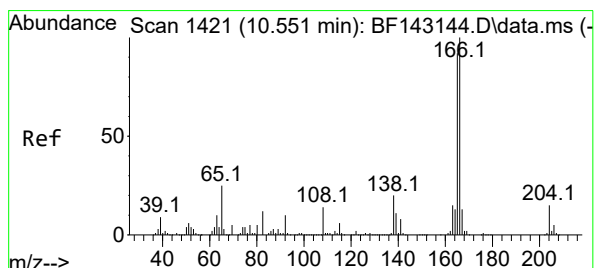
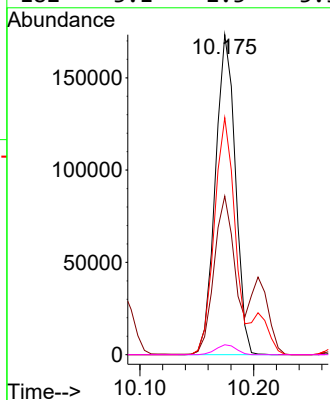
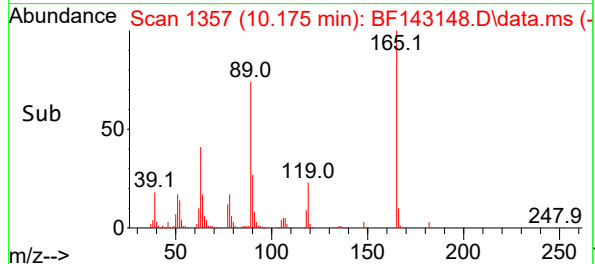
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:165 Resp: 212369
Ion Ratio Lower Upper
165 100
63 49.5 41.0 61.4
89 74.0 61.1 91.7
182 3.1 2.3 3.5

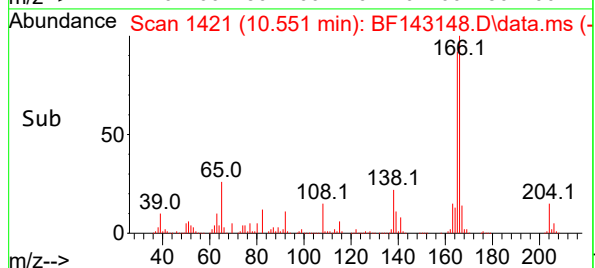
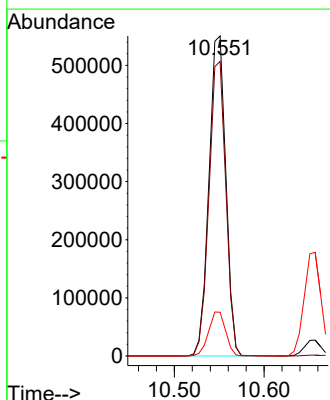
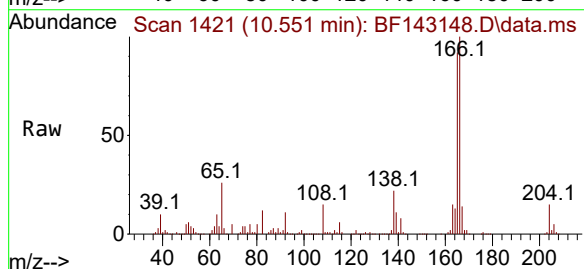
Manual Integrations
APPROVED

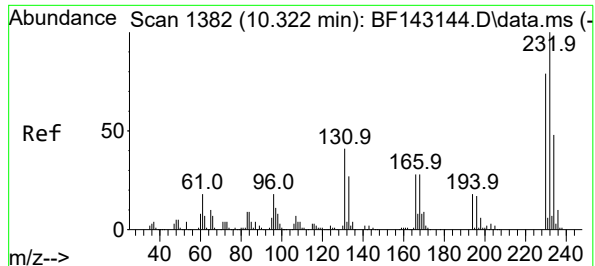
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#58
Fluorene
Concen: 39.219 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

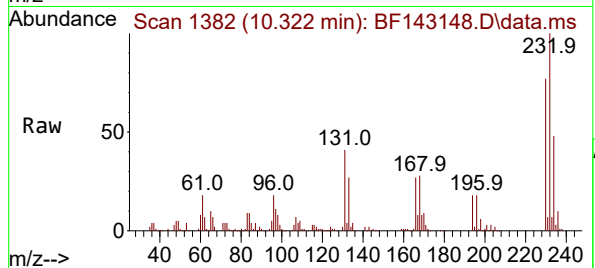
Tgt Ion:166 Resp: 717816
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.743 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

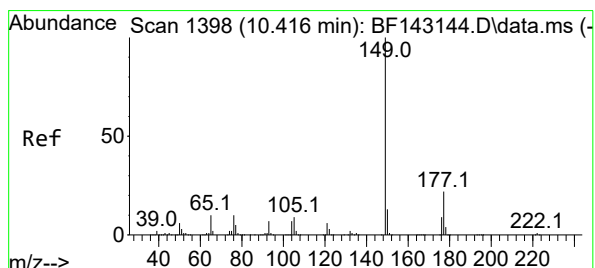
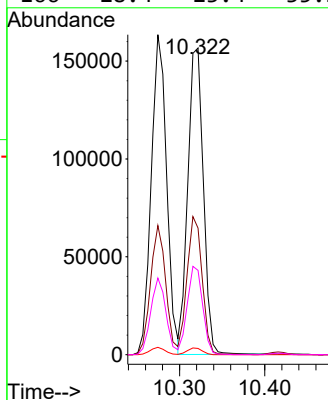
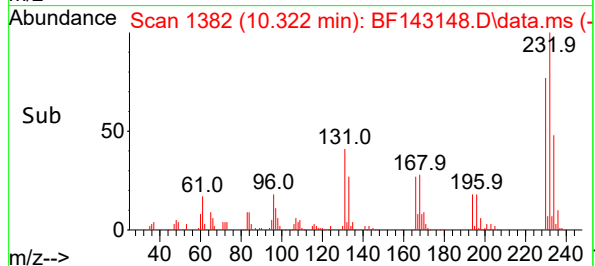
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:232 Resp: 198530
Ion Ratio Lower Upper
232 100
131 43.9 35.3 52.9
130 2.1 1.7 2.5
166 28.4 23.4 35.2

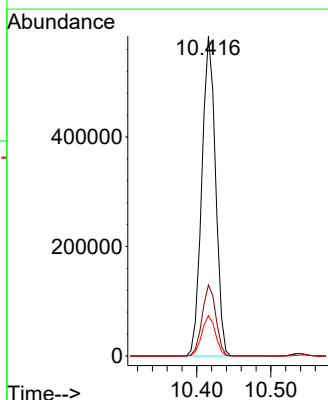
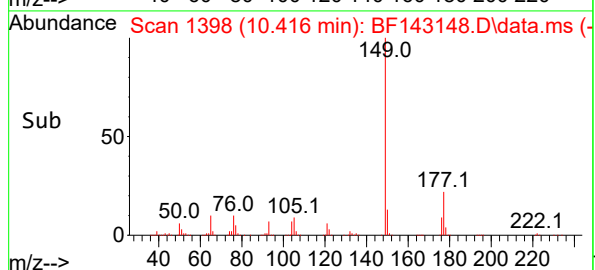
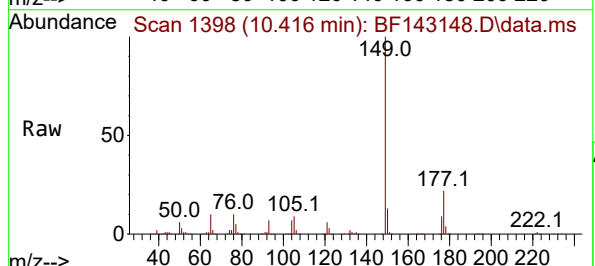
Manual Integrations
APPROVED

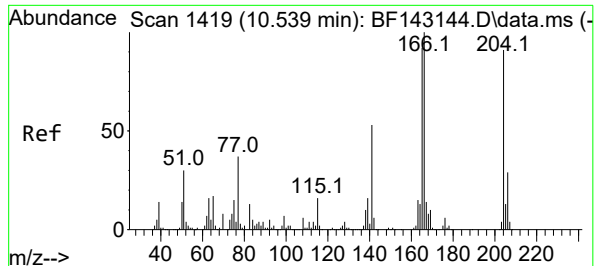
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#60
Diethylphthalate
Concen: 40.729 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

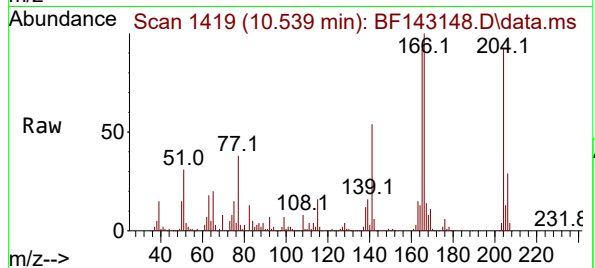
Tgt Ion:149 Resp: 753774
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.377 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

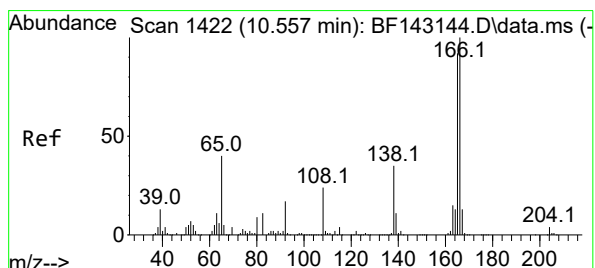
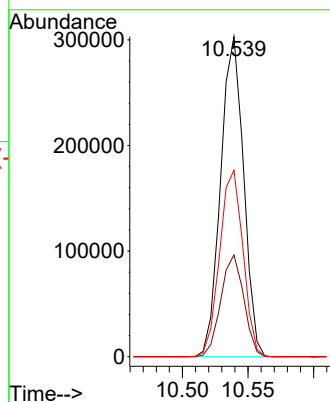
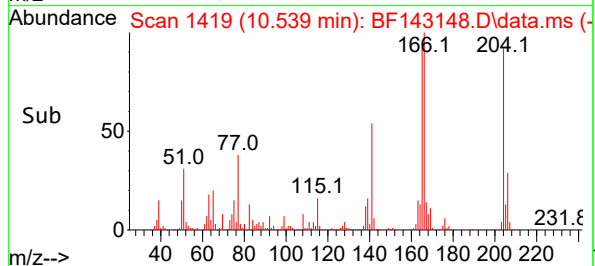
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:204 Resp: 36798
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 58.3 47.0 70.4

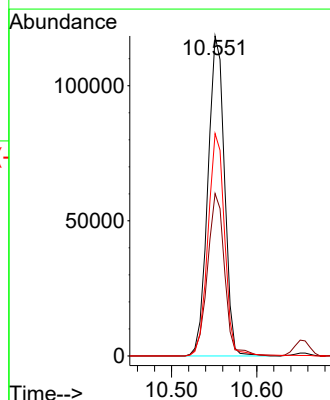
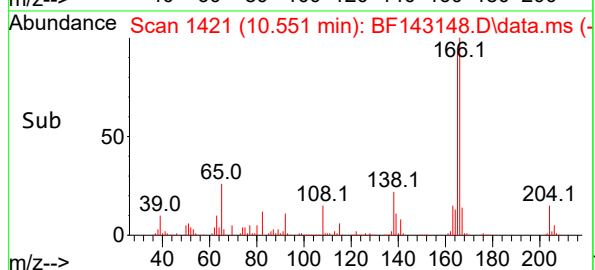
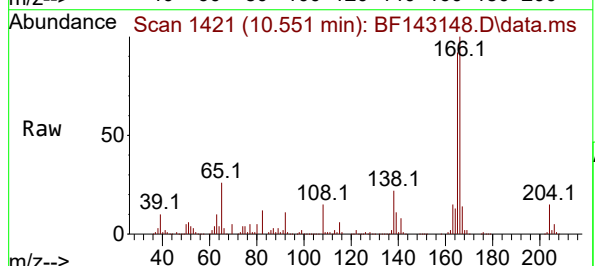
Manual Integrations
APPROVED

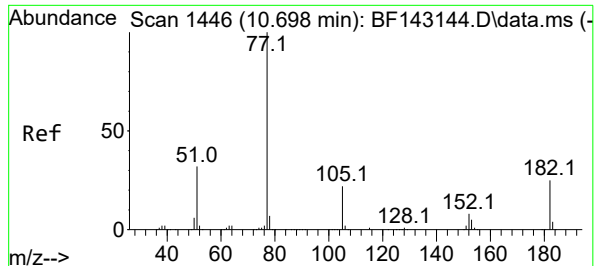
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#62
4-Nitroaniline
Concen: 41.953 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:138 Resp: 160193
Ion Ratio Lower Upper
138 100
92 50.7 29.3 69.3
108 69.5 48.3 88.3





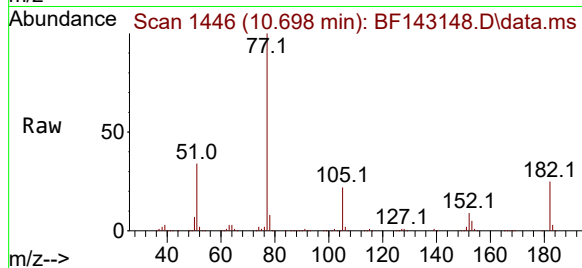
#63
Azobenzene
Concen: 40.414 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



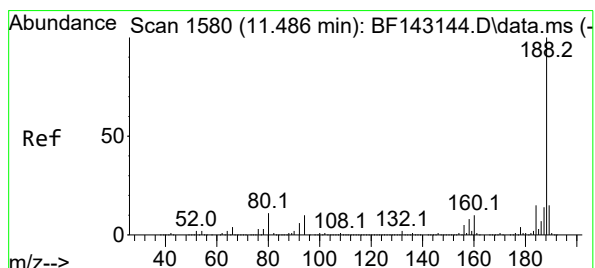
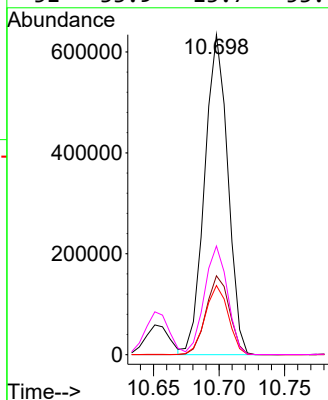
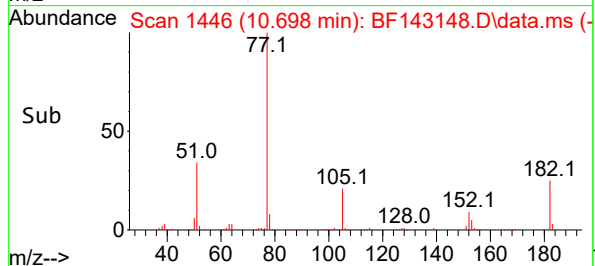
Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.6	44.6
105	21.6	1.4	41.4
51	33.9	13.7	53.7

Manual Integrations

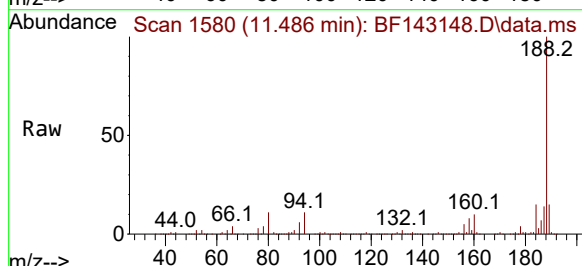
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

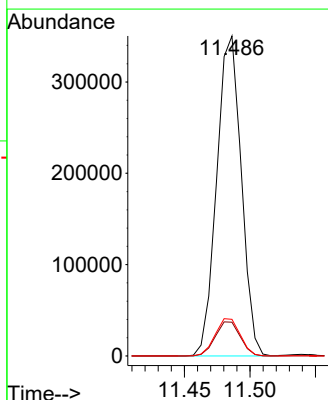
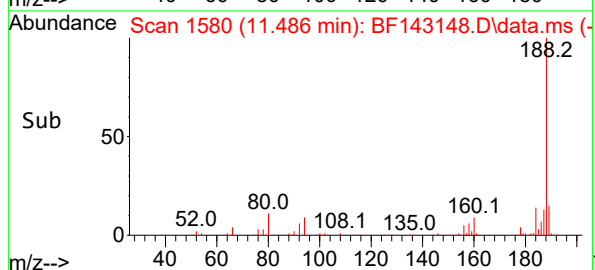
Supervised By :Jagrut Upadhyay 07/18/2025

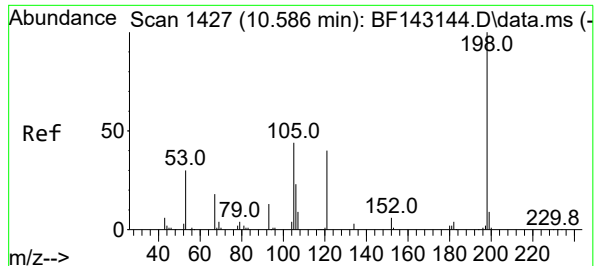


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.3	12.5
80	11.4	9.0	13.6





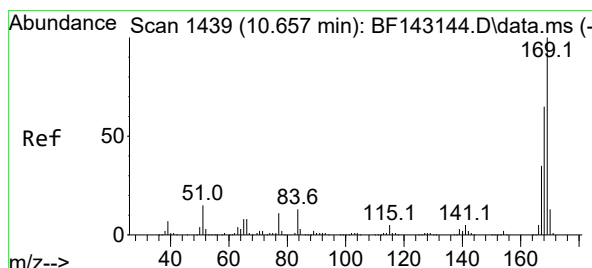
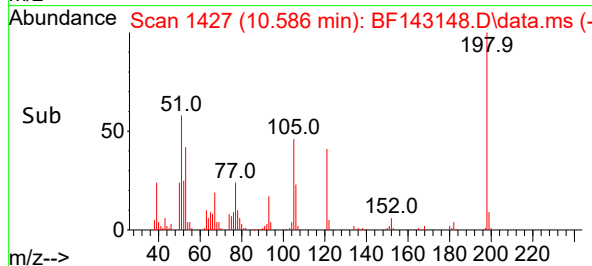
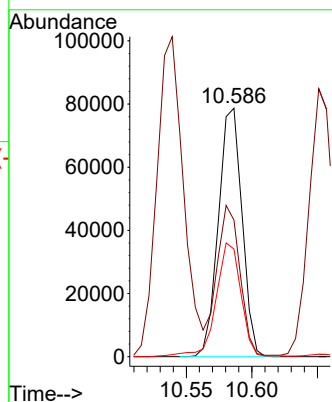
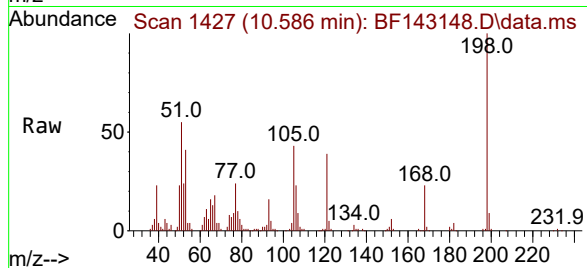
#65
4,6-Dinitro-2-methylphenol
Concen: 41.869 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Tgt Ion:198 Resp: 98462
Ion Ratio Lower Upper
198 100
51 55.0 37.2 77.2
105 43.3 24.8 64.8

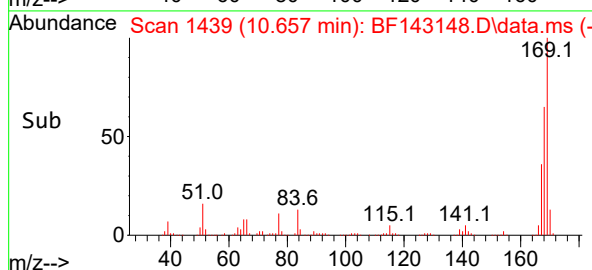
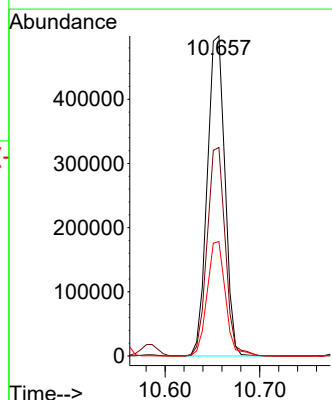
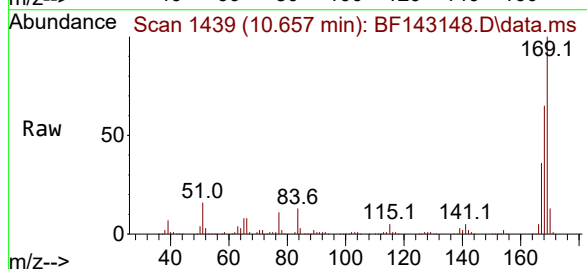
Manual Integrations
APPROVED

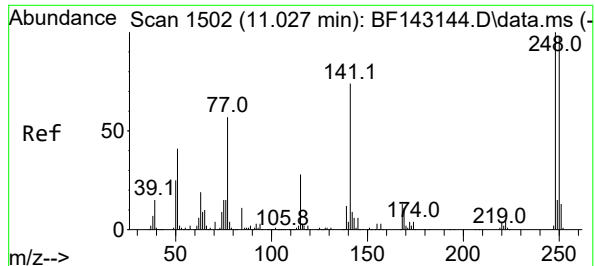
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#66
n-Nitrosodiphenylamine
Concen: 40.250 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

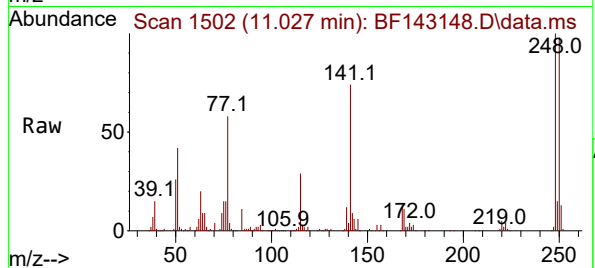
Tgt Ion:169 Resp: 647855
Ion Ratio Lower Upper
169 100
168 65.2 52.1 78.1
167 35.8 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 40.828 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

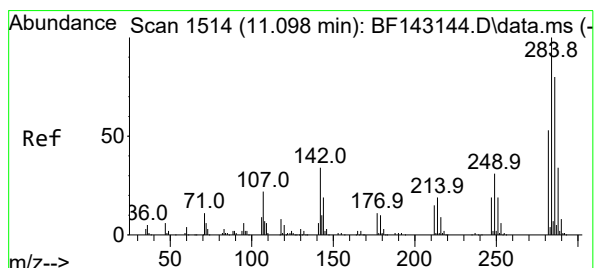
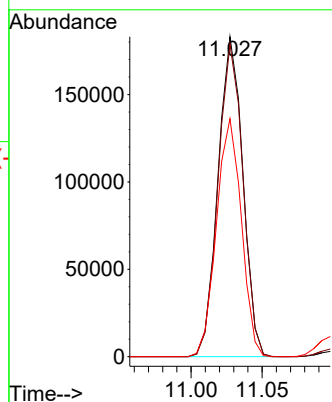
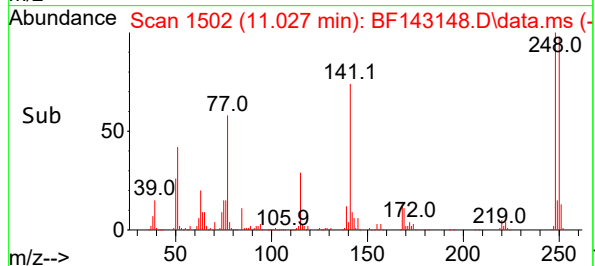
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:248 Resp: 222400
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 74.3 59.2 88.8

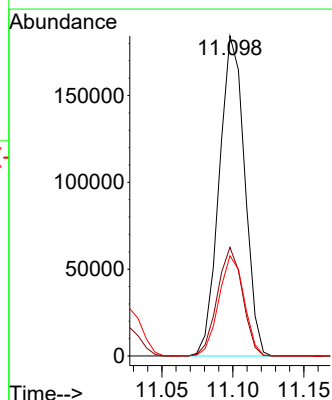
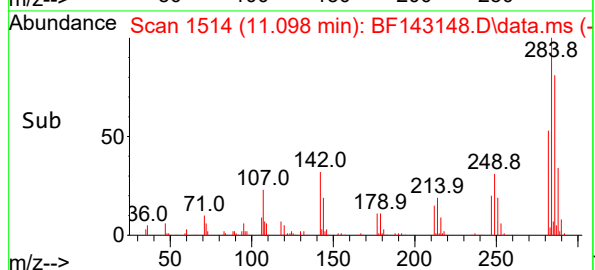
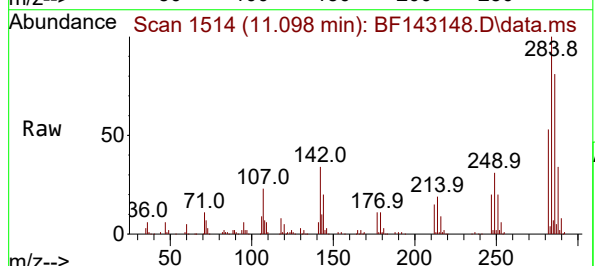
Manual Integrations
APPROVED

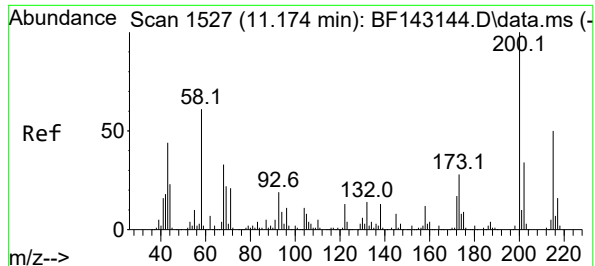
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#68
Hexachlorobenzene
Concen: 40.268 ng
RT: 11.098 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:284 Resp: 229272
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 31.3 25.0 37.6





#69

Atrazine

Concen: 42.615 ng

RT: 11.174 min Scan# 1527

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:200 Resp: 189104

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

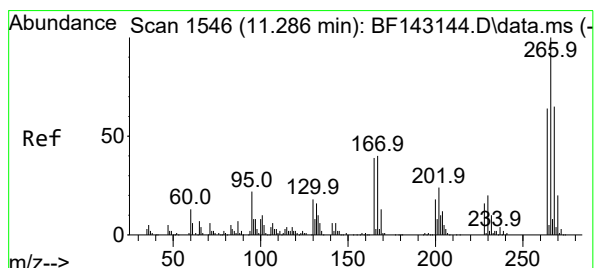
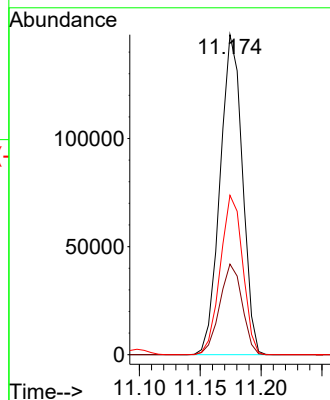
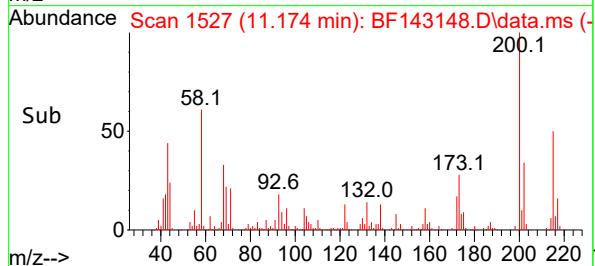
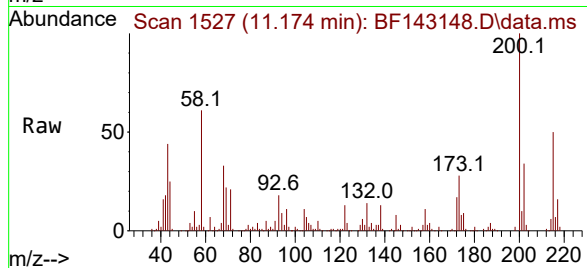
215 49.8 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#70

Pentachlorophenol

Concen: 42.292 ng

RT: 11.286 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

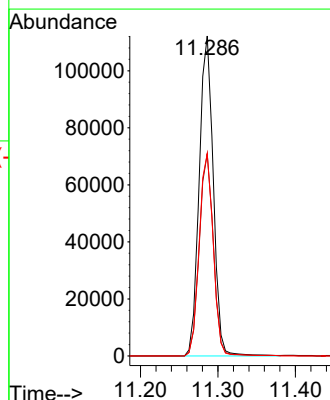
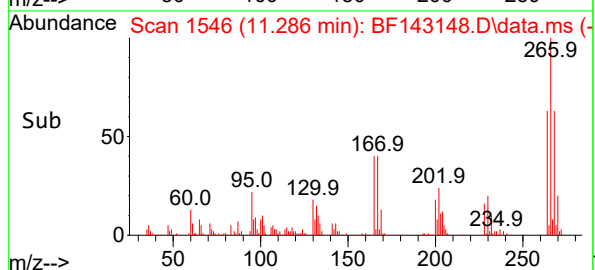
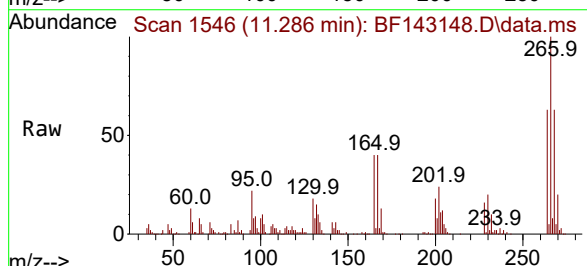
Tgt Ion:266 Resp: 141608

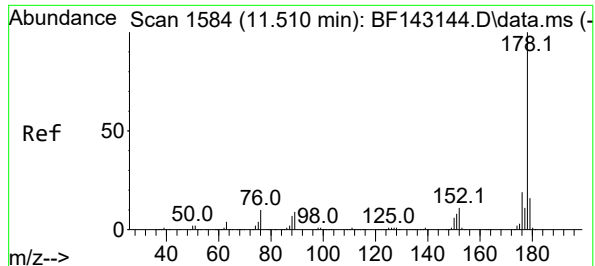
Ion Ratio Lower Upper

266 100

268 63.1 51.9 77.9

264 63.3 51.0 76.6





#71

Phenanthrene

Concen: 40.026 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:178 Resp: 971448

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

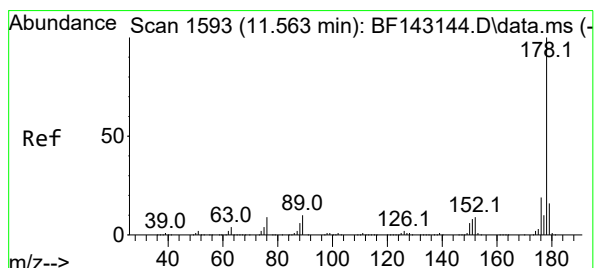
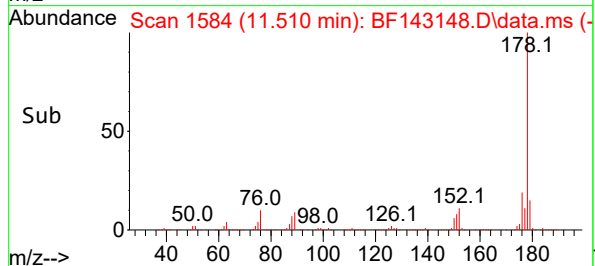
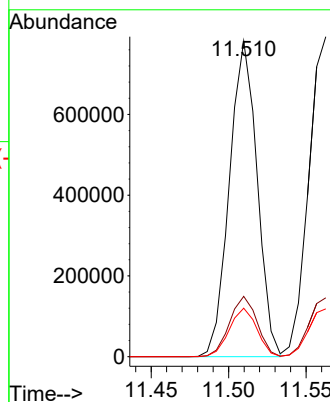
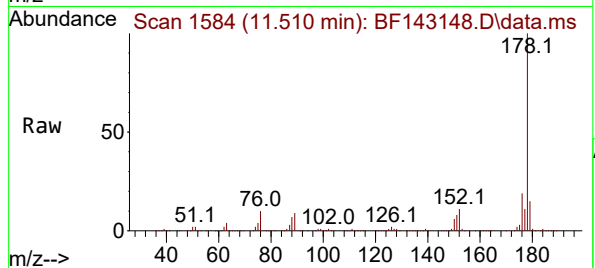
179 15.3 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#72

Anthracene

Concen: 40.557 ng

RT: 11.563 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

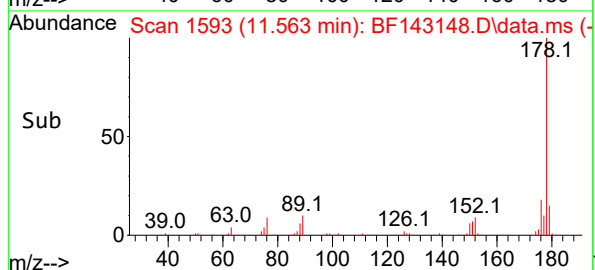
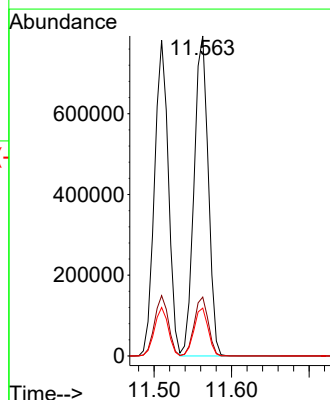
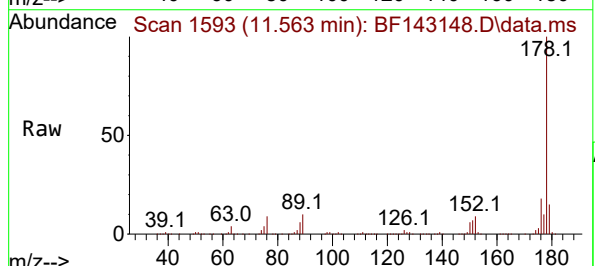
Tgt Ion:178 Resp: 1003925

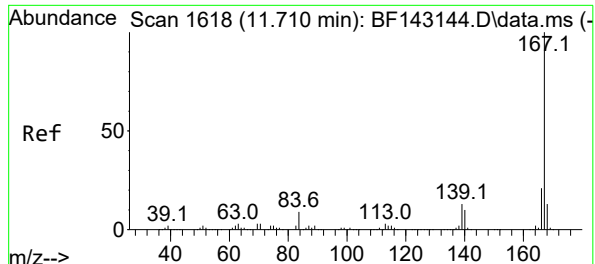
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

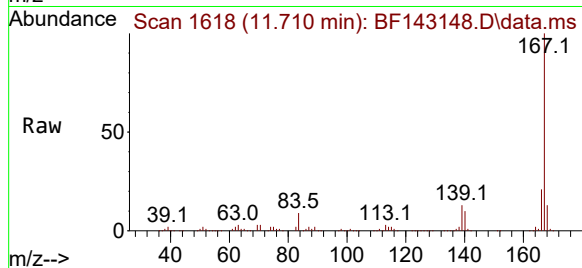
179 15.0 12.5 18.7





#73
Carbazole
Concen: 40.476 ng
RT: 11.710 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

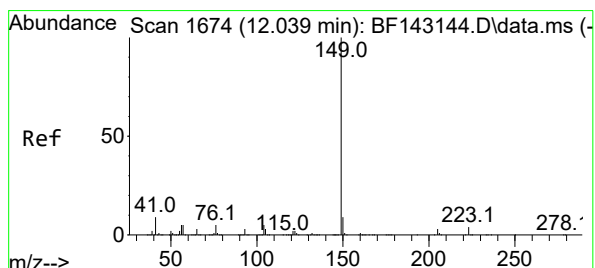
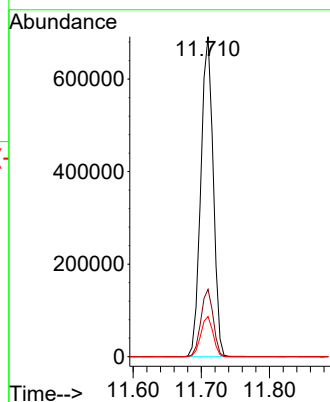
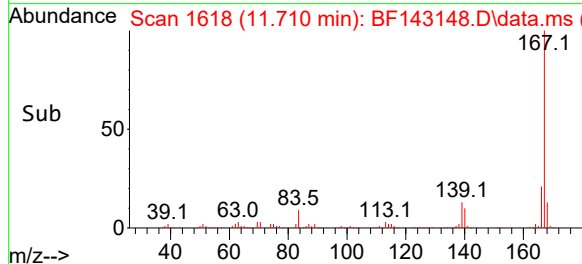
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



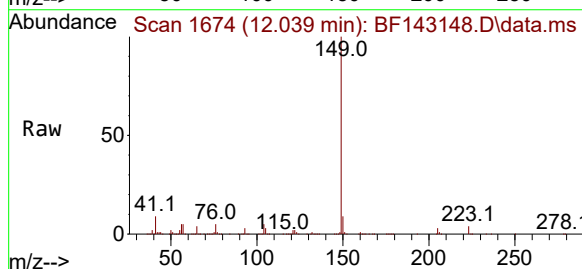
Tgt Ion:167 Resp: 87486
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.6
139 12.5 10.0 15.0

Manual Integrations
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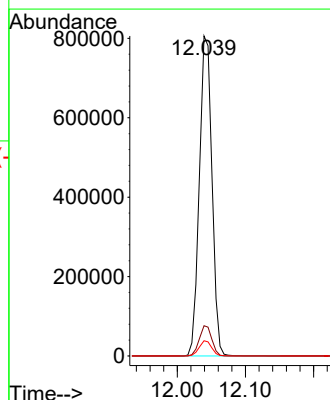
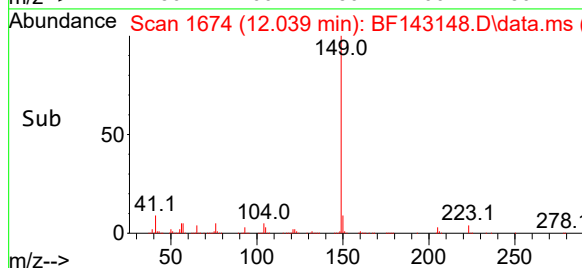
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

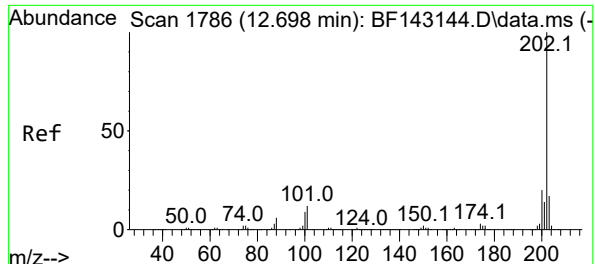


#74
Di-n-butylphthalate
Concen: 42.330 ng
RT: 12.039 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



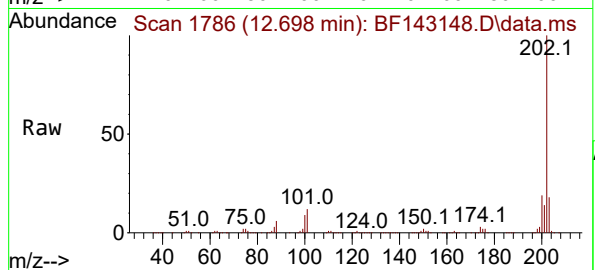
Tgt Ion:149 Resp: 1035244
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 40.836 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

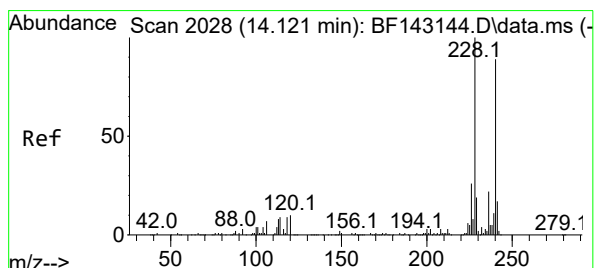
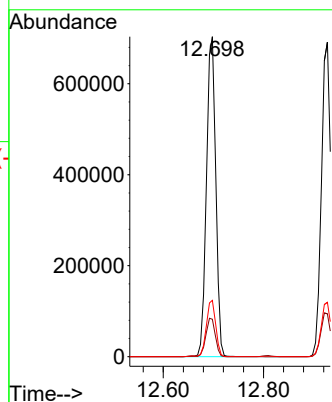
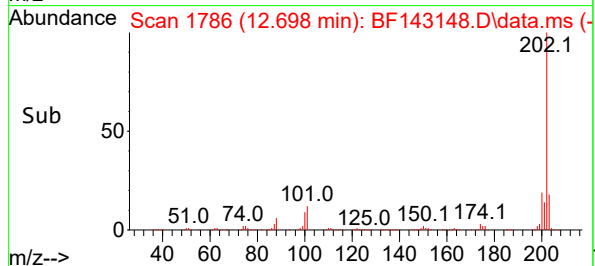
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:202 Resp: 90971
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.7
203 17.6 0.0 37.4

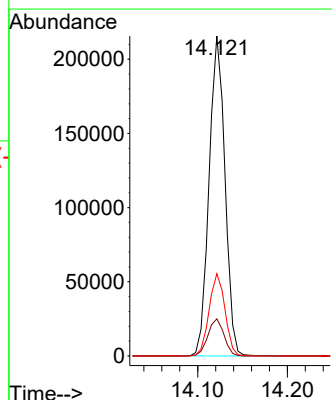
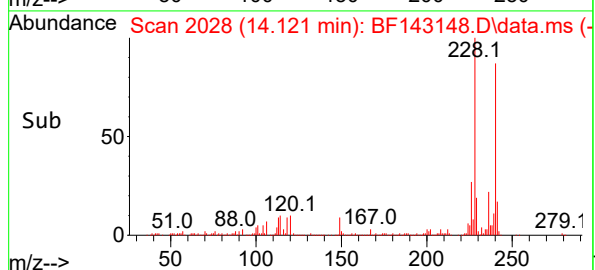
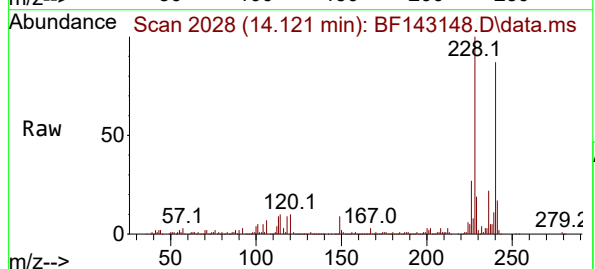
Manual Integrations
APPROVED

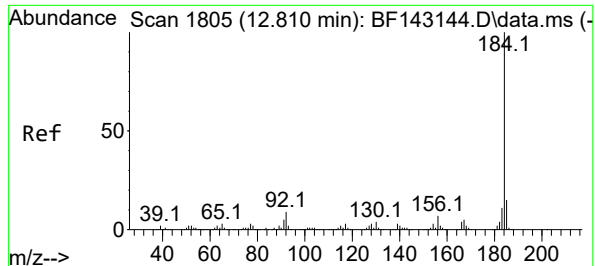
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

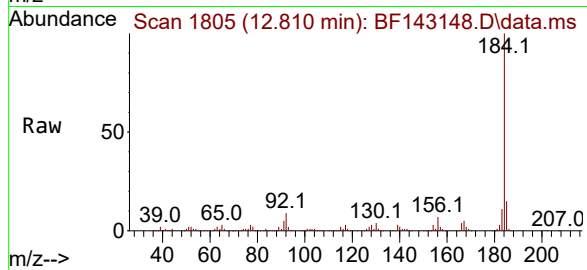
Tgt Ion:240 Resp: 265008
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.7 20.2 30.4





#77
Benzidine
Concen: 43.239 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

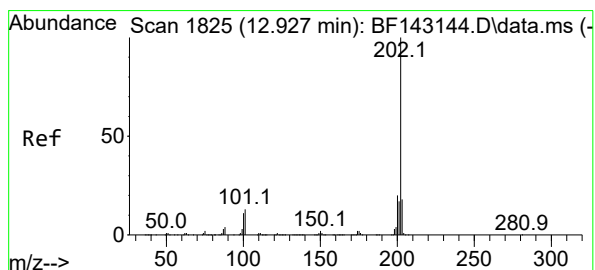
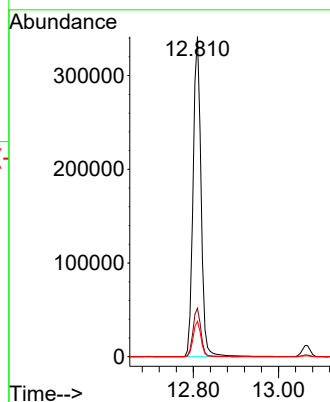
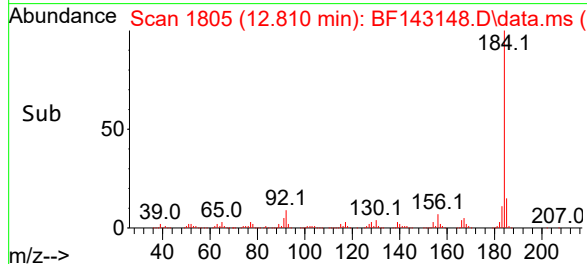
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:184 Resp: 441470
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.4
183 11.1 9.0 13.4

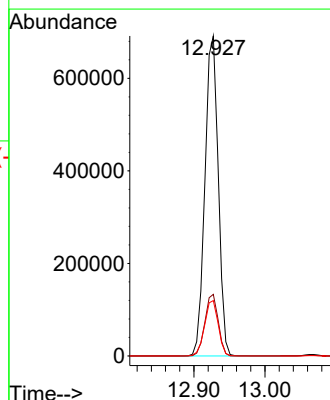
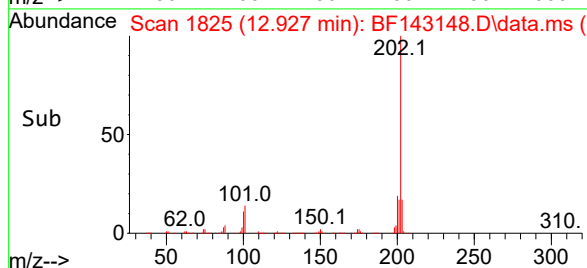
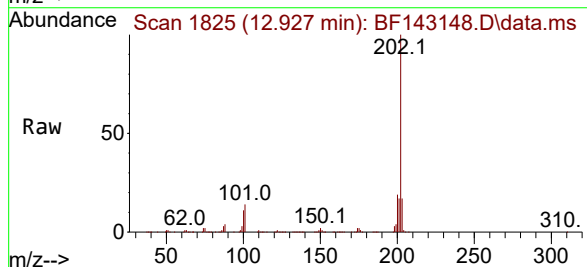
Manual Integrations
APPROVED

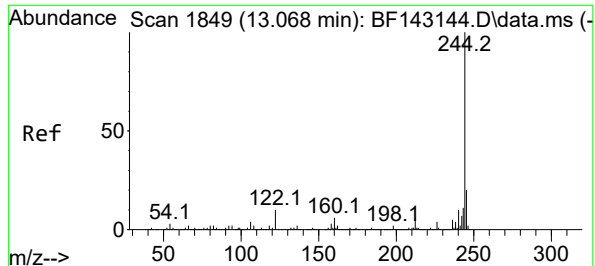
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#78
Pyrene
Concen: 39.916 ng
RT: 12.927 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

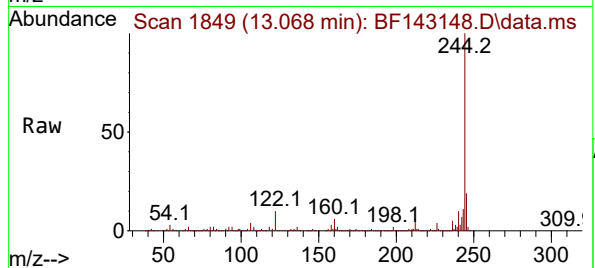
Tgt Ion:202 Resp: 902771
Ion Ratio Lower Upper
202 100
200 19.3 15.7 23.5
203 17.3 14.2 21.2





#79
Terphenyl-d14
Concen: 69.333 ng
RT: 13.068 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

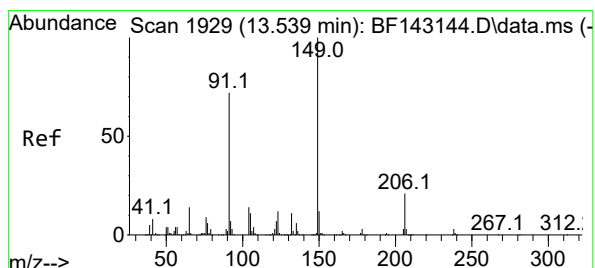
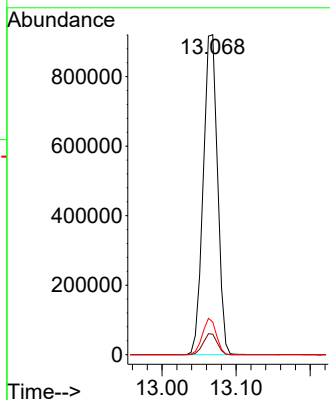
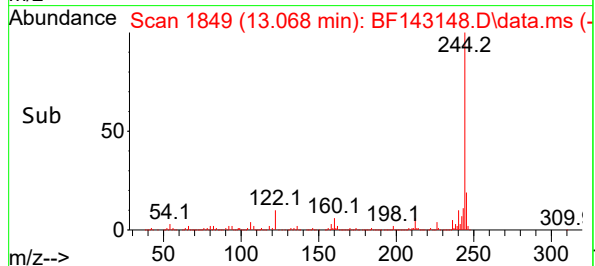
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:244 Resp: 123470
Ion Ratio Lower Upper
244 100
212 6.4 5.2 7.8
122 10.2 8.2 12.2

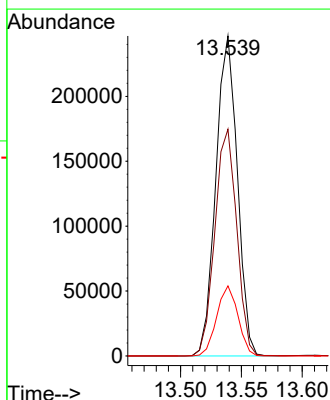
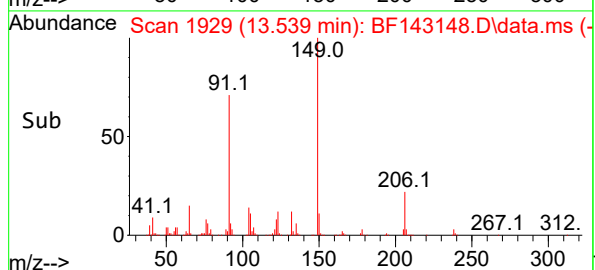
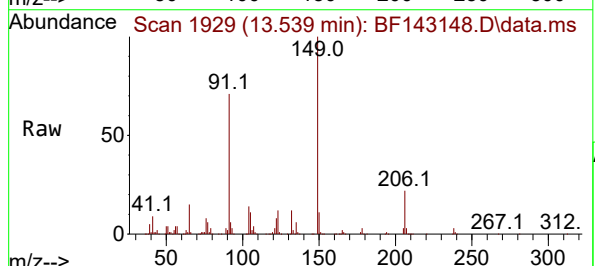
Manual Integrations
APPROVED

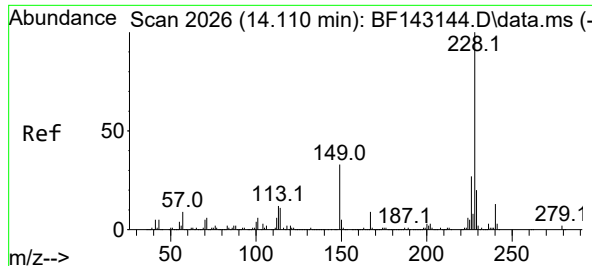
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#80
Butylbenzylphthalate
Concen: 43.827 ng
RT: 13.539 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:149 Resp: 303528
Ion Ratio Lower Upper
149 100
91 70.9 57.9 86.9
206 21.9 17.0 25.4





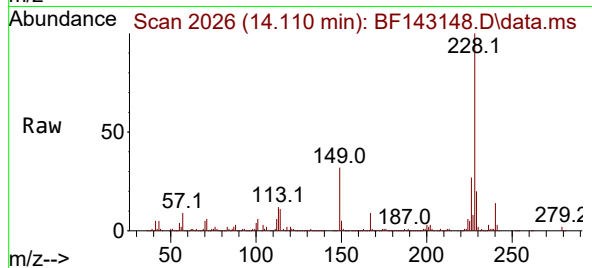
#81
Benzo(a)anthracene
Concen: 39.950 ng
RT: 14.110 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725



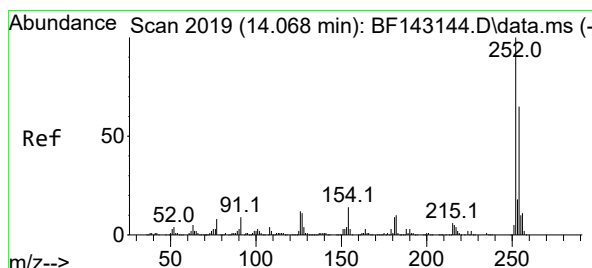
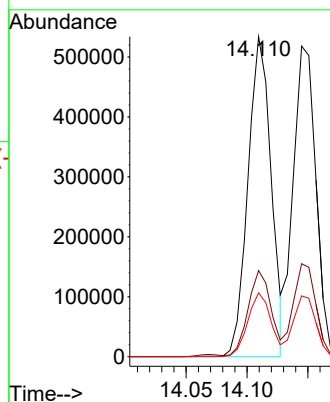
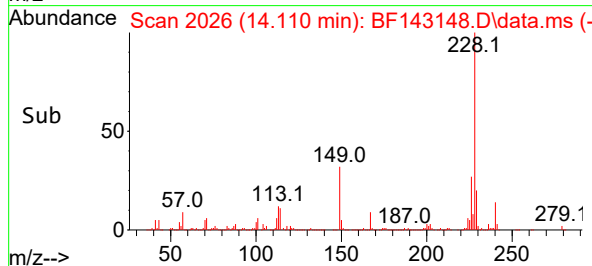
Tgt Ion:228 Resp: 708799
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.0 15.8 23.6

Manual Integrations

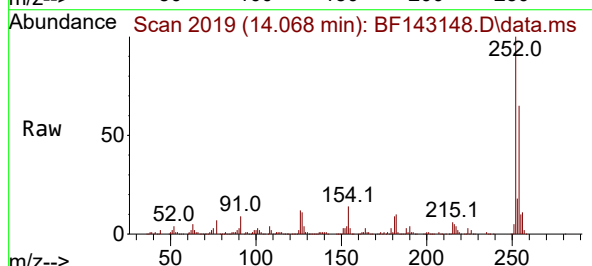
APPROVED

Reviewed By :Rahul Chavli 07/18/2025

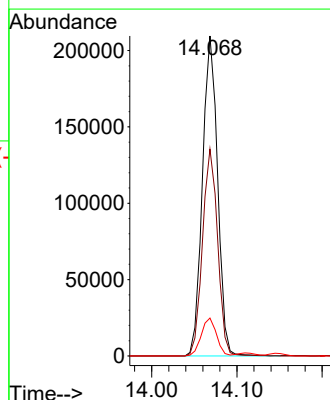
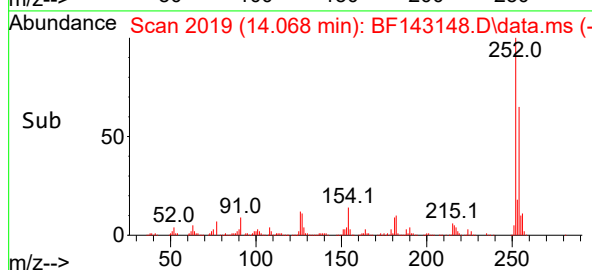
Supervised By :Jagrut Upadhyay 07/18/2025

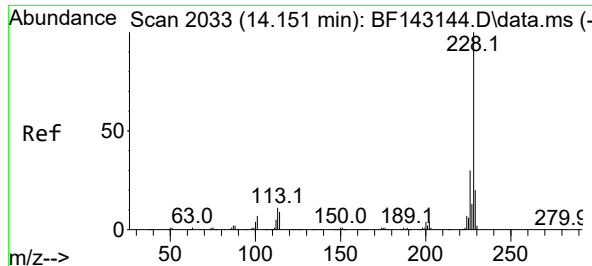


#82
3,3'-Dichlorobenzidine
Concen: 43.772 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:252 Resp: 258837
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.9 9.4 14.0





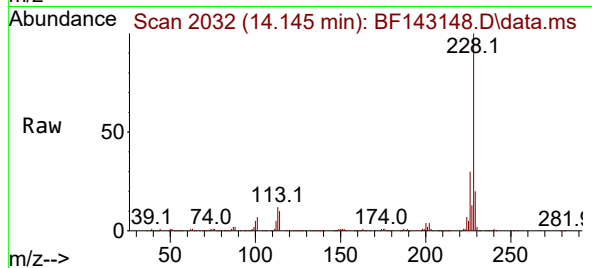
#83
Chrysene
Concen: 42.233 ng
RT: 14.145 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

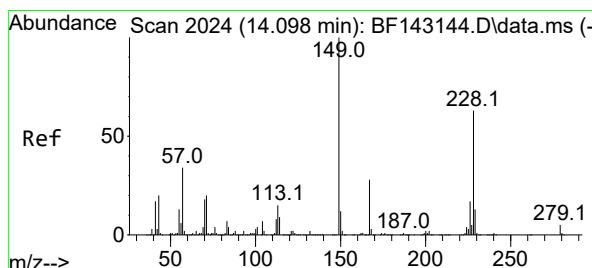
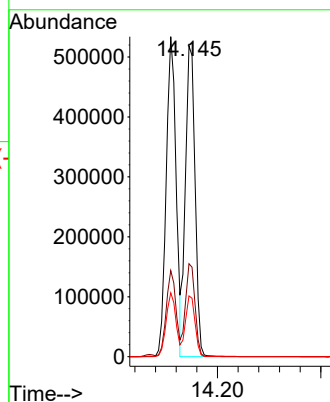
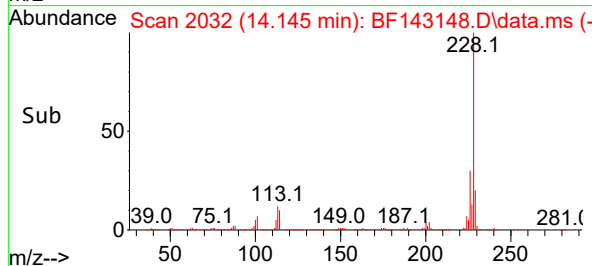


Tgt Ion:228 Resp: 67370
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.6 15.6 23.4

Manual Integrations

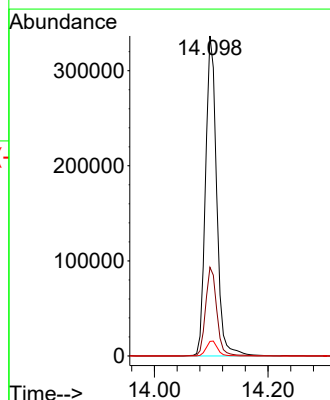
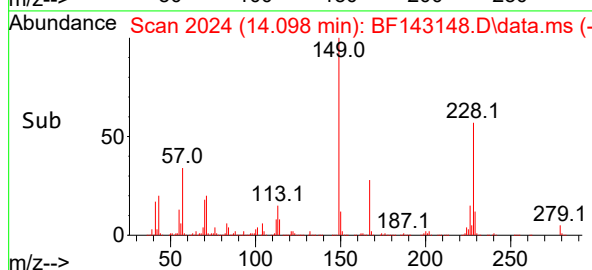
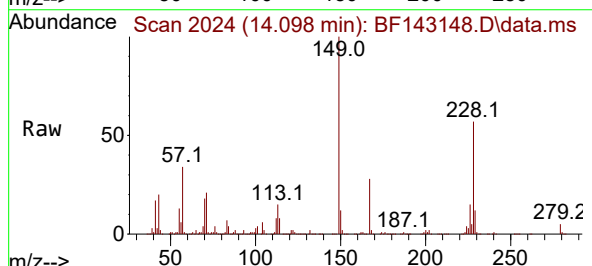
APPROVED

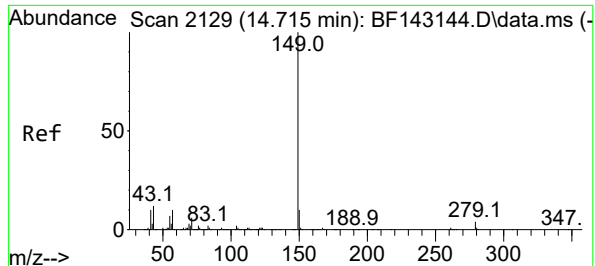
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.578 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

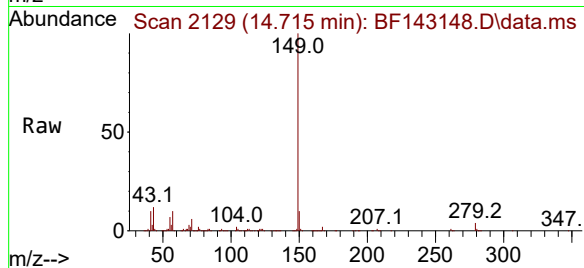
Tgt Ion:149 Resp: 456811
Ion Ratio Lower Upper
149 100
167 27.7 22.3 33.5
279 4.6 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.077 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

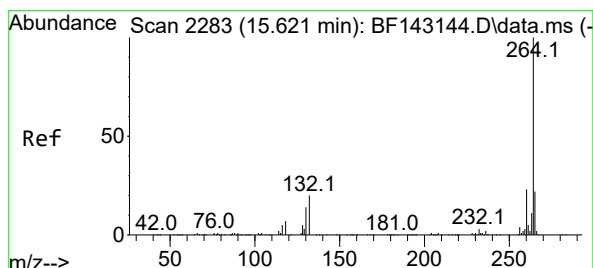
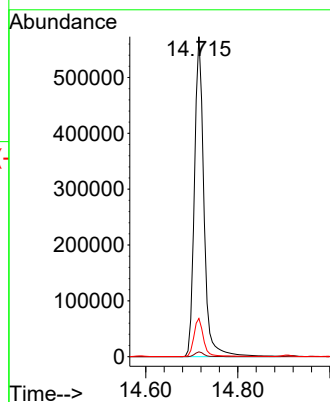
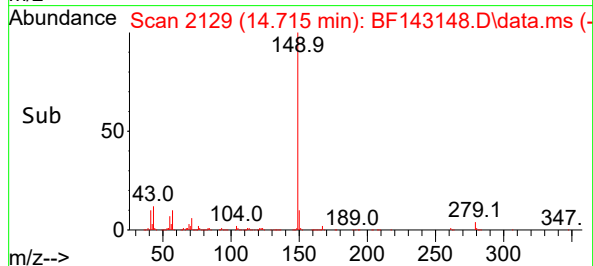
Instrument :
BNA_F
ClientSampleId :
ICVBF071725



Tgt Ion:149 Resp: 818512
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.2 9.7 14.5

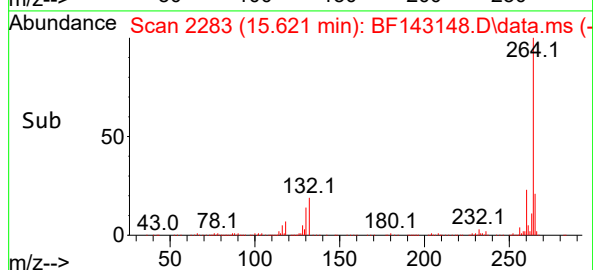
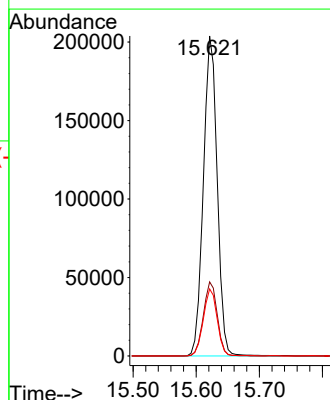
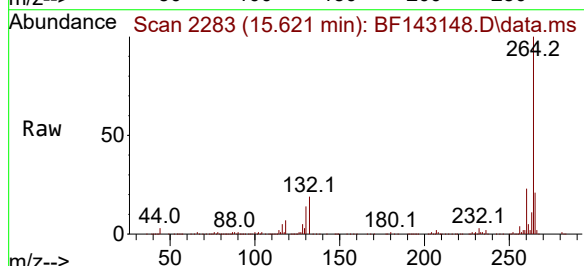
Manual Integrations
APPROVED

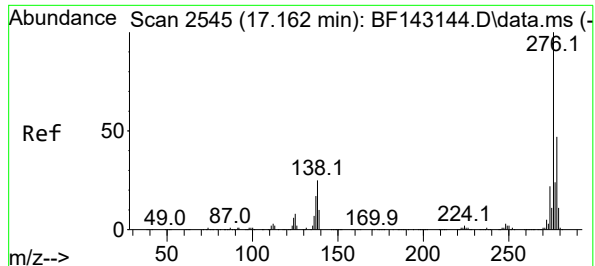
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:264 Resp: 310192
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 20.9 17.4 26.2





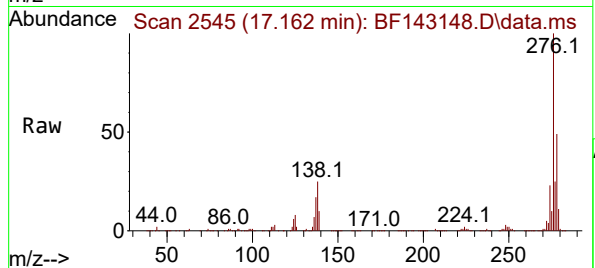
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.983 ng
RT: 17.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

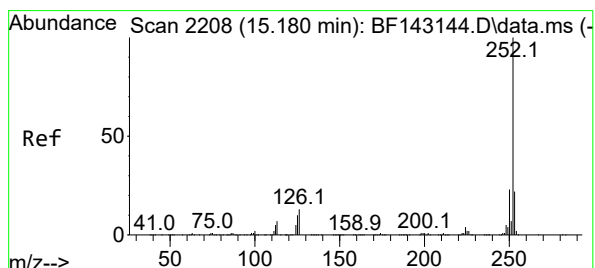
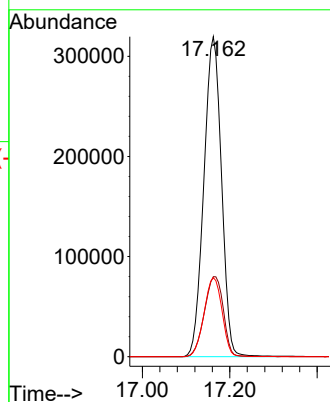
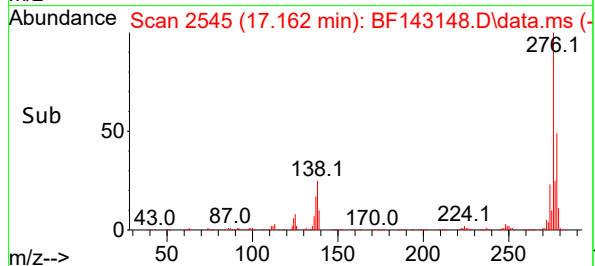


Tgt Ion:276 Resp: 896404
Ion Ratio Lower Upper
276 100
138 26.9 21.8 32.6
277 25.2 20.0 30.0

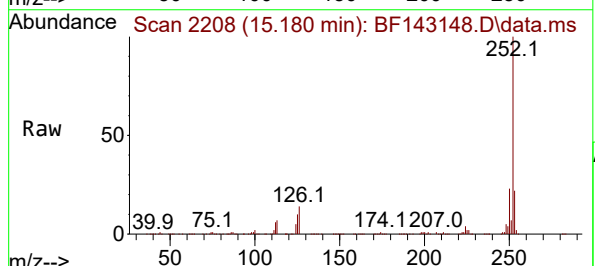
Manual Integrations

APPROVED

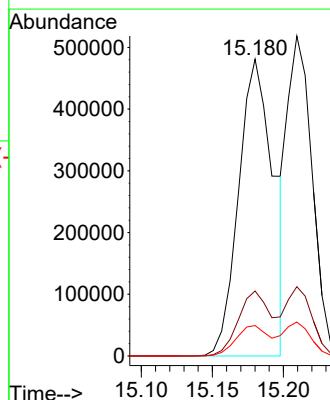
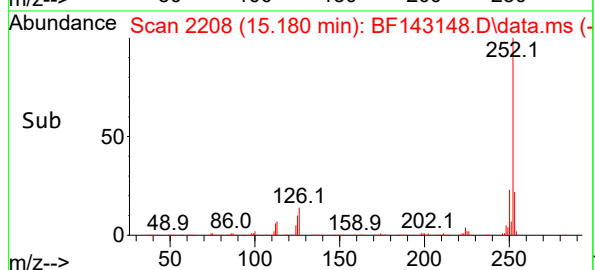
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

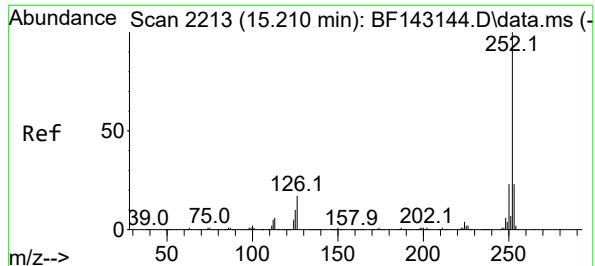


#88
Benzo(b)fluoranthene
Concen: 43.278 ng
RT: 15.180 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06



Tgt Ion:252 Resp: 820119
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 37.531 ng

RT: 15.209 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

Tgt Ion:252 Resp: 63464

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

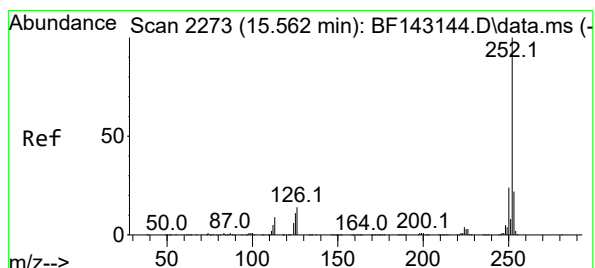
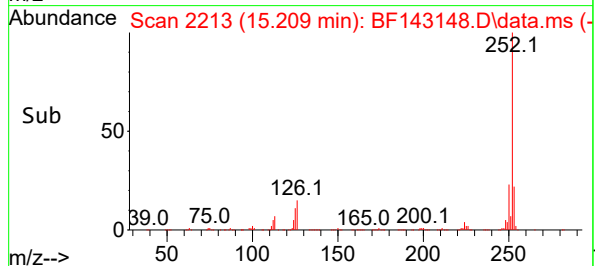
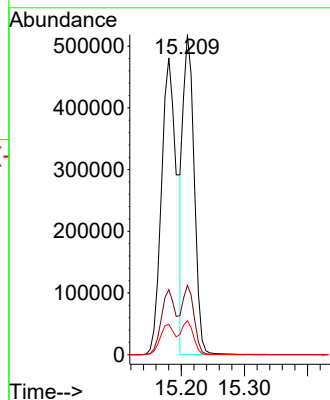
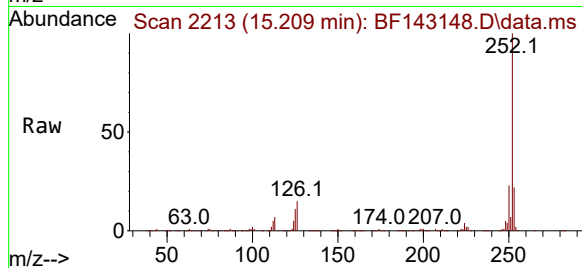
125 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/18/2025

Supervised By :Jagrut Upadhyay 07/18/2025



#90

Benzo(a)pyrene

Concen: 40.594 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF143148.D

Acq: 17 Jul 2025 15:06

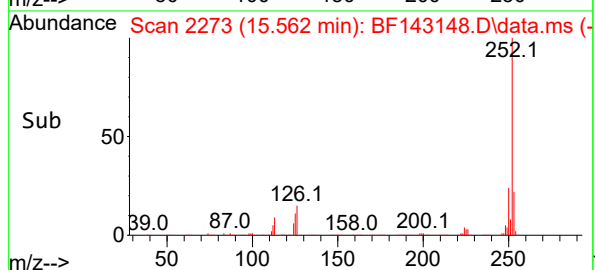
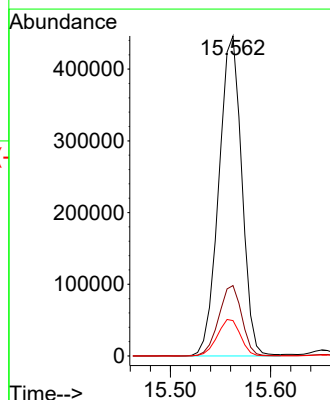
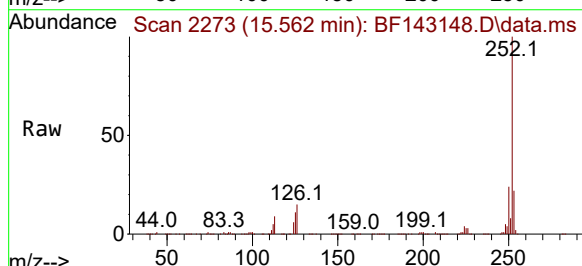
Tgt Ion:252 Resp: 708756

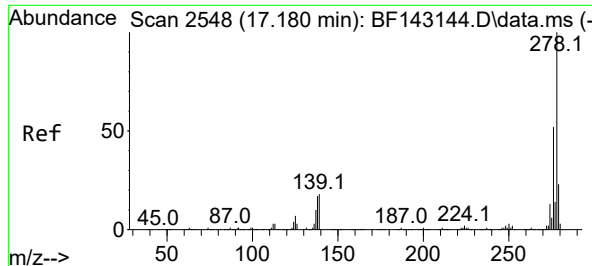
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.1 8.6 13.0





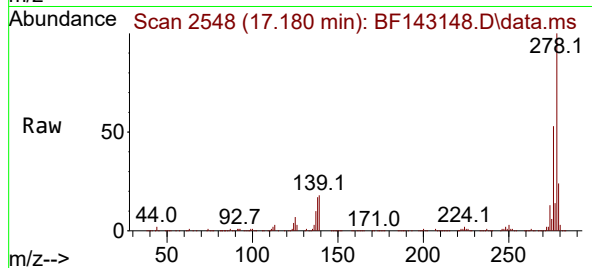
#91
Dibenzo(a,h)anthracene
Concen: 40.710 ng
RT: 17.180 min Scan# 2548
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071725

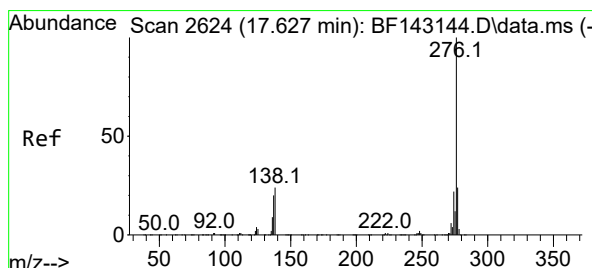
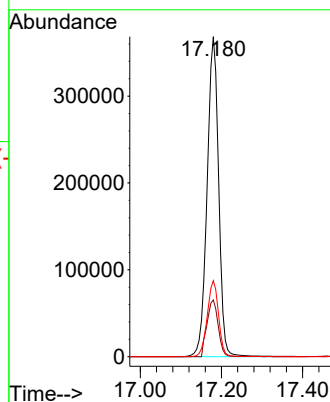
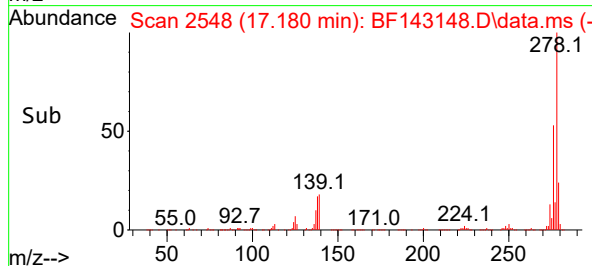


Tgt Ion:278 Resp: 724758
Ion Ratio Lower Upper
278 100
139 17.8 14.1 21.1
279 23.8 18.6 28.0

Manual Integrations

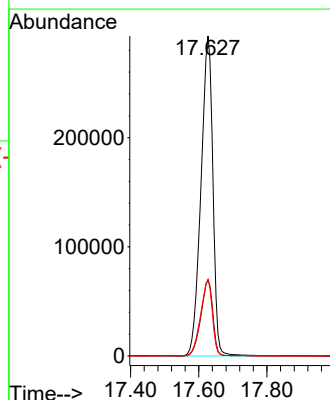
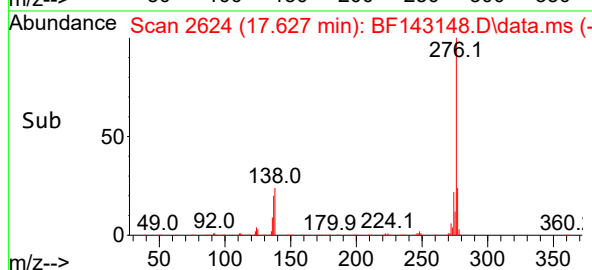
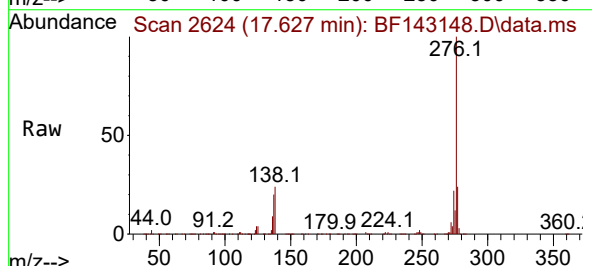
APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025



#92
Benzo(g,h,i)perylene
Concen: 41.394 ng
RT: 17.627 min Scan# 2624
Delta R.T. -0.000 min
Lab File: BF143148.D
Acq: 17 Jul 2025 15:06

Tgt Ion:276 Resp: 712864
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 23.9 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	86	0.00
2	1,4-Dioxane	0.598	0.576	3.7	83	-0.03
3	Pyridine	1.552	1.576	-1.5	89	-0.02
4	n-Nitrosodimethylamine	0.801	0.817	-2.0	87	-0.02
5 S	2-Fluorophenol	1.264	1.219	3.6	85	0.00
6	Aniline	2.217	2.277	-2.7	89	0.00
7 S	Phenol-d6	1.591	1.554	2.3	86	0.00
8	2-Chlorophenol	1.325	1.375	-3.8	90	0.00
9	Benzaldehyde	1.193	1.117	6.4	67	0.00
10 C	Phenol	1.733	1.769	-2.1	89	0.00
11	bis(2-Chloroethyl)ether	1.327	1.348	-1.6	89	0.00
12	1,3-Dichlorobenzene	1.439	1.454	-1.0	89	0.00
13 C	1,4-Dichlorobenzene	1.449	1.476	-1.9	90	0.00
14	1,2-Dichlorobenzene	1.378	1.430	-3.8	92	0.00
15	Benzyl Alcohol	1.215	1.274	-4.9	90	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.545	-3.4	91	0.00
17	2-Methylphenol	1.114	1.153	-3.5	91	0.00
18	Hexachloroethane	0.502	0.526	-4.8	92	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	1.029	-0.8	90	0.00
20	3+4-Methylphenols	1.351	1.432	-6.0	92	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22	Acetophenone	0.474	0.477	-0.6	91	0.00
23 S	Nitrobenzene-d5	0.401	0.362	9.7	79	0.00
24	Nitrobenzene	0.374	0.390	-4.3	91	0.00
25	Isophorone	0.708	0.718	-1.4	91	0.00
26 C	2-Nitrophenol	0.162	0.182	-12.3	93	0.00
27	2,4-Dimethylphenol	0.331	0.337	-1.8	91	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.424	0.2	90	0.00
29 C	2,4-Dichlorophenol	0.279	0.285	-2.2	90	0.00
30	1,2,4-Trichlorobenzene	0.302	0.306	-1.3	91	0.00
31	Naphthalene	0.985	0.989	-0.4	90	0.00
32	Benzoic acid	0.169	0.181	-7.1	88	0.00
33	4-Chloroaniline	0.402	0.409	-1.7	91	0.00
34 C	Hexachlorobutadiene	0.184	0.190	-3.3	92	0.00
35	Caprolactam	0.084	0.086	-2.4	87	0.00
36 C	4-Chloro-3-methylphenol	0.303	0.308	-1.7	89	0.00
37	2-Methylnaphthalene	0.599	0.604	-0.8	91	0.00
38	1-Methylnaphthalene	0.617	0.628	-1.8	91	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.591	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.403	-7.2	93	0.00
42 S	2,4,6-Tribromophenol	0.207	0.207	0.0	85	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.402	-0.5	91	0.00
44	2,4,5-Trichlorophenol	0.400	0.430	-7.5	92	0.00
45 S	2-Fluorobiphenyl	1.462	1.261	13.7	80	0.00
46	1,1'-Biphenyl	1.560	1.601	-2.6	93	0.00
47	2-Chloronaphthalene	1.155	1.160	-0.4	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071725

Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	0.362	0.396	-9.4	91	0.00
49	Acenaphthylene	1.935	1.936	-0.1	90	0.00
50	Dimethylphthalate	1.304	1.311	-0.5	89	0.00
51	2,6-Dinitrotoluene	0.265	0.291	-9.8	91	0.00
52 C	Acenaphthene	1.144	1.149	-0.4	91	0.00
53	3-Nitroaniline	0.310	0.333	-7.4	91	0.00
54 P	2,4-Dinitrophenol	0.098	0.113	-15.3	93	0.00
55	Dibenzofuran	1.698	1.697	0.1	90	0.00
56 P	4-Nitrophenol	0.232	0.245	-5.6	86	0.00
57	2,4-Dinitrotoluene	0.333	0.370	-11.1	90	0.00
58	Fluorene	1.274	1.249	2.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.346	-4.5	90	0.00
60	Diethylphthalate	1.289	1.312	-1.8	90	0.00
61	4-Chlorophenyl-phenylether	0.635	0.641	-0.9	91	0.00
62	4-Nitroaniline	0.266	0.279	-4.9	86	0.00
63	Azobenzene	1.343	1.357	-1.0	89	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.108	-14.9	93	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.709	-0.7	89	0.00
67	4-Bromophenyl-phenylether	0.238	0.243	-2.1	90	0.00
68	Hexachlorobenzene	0.249	0.251	-0.8	88	0.00
69	Atrazine	0.194	0.207	-6.7	89	0.00
70 C	Pentachlorophenol	0.147	0.155	-5.4	88	0.00
71	Phenanthrene	1.062	1.063	-0.1	88	0.00
72	Anthracene	1.083	1.098	-1.4	89	0.00
73	Carbazole	0.946	0.957	-1.2	87	0.00
74	Di-n-butylphthalate	1.070	1.132	-5.8	89	0.00
75 C	Fluoranthene	0.975	0.995	-2.1	88	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	89	0.00
77	Benzydine	0.771	0.833	-8.0	78	0.00
78	Pyrene	1.707	1.703	0.2	89	0.00
79 S	Terphenyl-d14	1.344	1.165	13.3	79	0.00
80	Butylbenzylphthalate	0.523	0.573	-9.6	94	0.00
81	Benzo(a)anthracene	1.339	1.337	0.1	93	0.00
82	3,3'-Dichlorobenzidine	0.446	0.488	-9.4	102	0.00
83	Chrysene	1.204	1.271	-5.6	94	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.862	-9.0	98	0.00
85 c	Di-n-octyl phthalate	1.434	1.544	-7.7	100	0.00
86 I	Perylene-d12	1.000	1.000	0.0	96	0.00
87	Indeno(1,2,3-cd)pyrene	1.410	1.445	-2.5	98	0.00
88	Benzo(b)fluoranthene	1.222	1.322	-8.2	110	0.00
89	Benzo(k)fluoranthene	1.090	1.023	6.1	87	0.00
90 C	Benzo(a)pyrene	1.126	1.142	-1.4	98	0.00
91	Dibenzo(a,h)anthracene	1.148	1.168	-1.7	98	0.00
92	Benzo(g,h,i)perylene	1.110	1.149	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
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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	86	0.00
2	1,4-Dioxane	40.000	38.496	3.8	83	-0.03
3	Pyridine	40.000	40.604	-1.5	89	-0.02
4	n-Nitrosodimethylamine	40.000	40.802	-2.0	87	-0.02
5 S	2-Fluorophenol	80.000	77.143	3.6	85	0.00
6	Aniline	40.000	41.078	-2.7	89	0.00
7 S	Phenol-d6	80.000	78.133	2.3	86	0.00
8	2-Chlorophenol	40.000	41.530	-3.8	90	0.00
9	Benzaldehyde	40.000	37.441	6.4	67	0.00
10 C	Phenol	40.000	40.827	-2.1	89	0.00
11	bis(2-Chloroethyl)ether	40.000	40.628	-1.6	89	0.00
12	1,3-Dichlorobenzene	40.000	40.400	-1.0	89	0.00
13 C	1,4-Dichlorobenzene	40.000	40.731	-1.8	90	0.00
14	1,2-Dichlorobenzene	40.000	41.506	-3.8	92	0.00
15	Benzyl Alcohol	40.000	41.958	-4.9	90	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.357	-3.4	91	0.00
17	2-Methylphenol	40.000	41.398	-3.5	91	0.00
18	Hexachloroethane	40.000	41.903	-4.8	92	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.342	-0.9	90	0.00
20	3+4-Methylphenols	40.000	42.387	-6.0	92	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22	Acetophenone	40.000	40.260	-0.6	91	0.00
23 S	Nitrobenzene-d5	80.000	72.247	9.7	79	0.00
24	Nitrobenzene	40.000	41.731	-4.3	91	0.00
25	Isophorone	40.000	40.567	-1.4	91	0.00
26 C	2-Nitrophenol	40.000	44.896	-12.2	93	0.00
27	2,4-Dimethylphenol	40.000	40.773	-1.9	91	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.939	0.2	90	0.00
29 C	2,4-Dichlorophenol	40.000	40.875	-2.2	90	0.00
30	1,2,4-Trichlorobenzene	40.000	40.551	-1.4	91	0.00
31	Naphthalene	40.000	40.143	-0.4	90	0.00
32	Benzoic acid	40.000	39.782	0.5	88	0.00
33	4-Chloroaniline	40.000	40.671	-1.7	91	0.00
34 C	Hexachlorobutadiene	40.000	41.284	-3.2	92	0.00
35	Caprolactam	40.000	40.959	-2.4	87	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.611	-1.5	89	0.00
37	2-Methylnaphthalene	40.000	40.279	-0.7	91	0.00
38	1-Methylnaphthalene	40.000	40.712	-1.8	91	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	87	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.944	-2.4	93	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.872	-7.2	93	0.00
42 S	2,4,6-Tribromophenol	80.000	79.969	0.0	85	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.253	-0.6	91	0.00
44	2,4,5-Trichlorophenol	40.000	42.989	-7.5	92	0.00
45 S	2-Fluorobiphenyl	80.000	68.992	13.8	80	0.00
46	1,1'-Biphenyl	40.000	41.053	-2.6	93	0.00
47	2-Chloronaphthalene	40.000	40.184	-0.5	91	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143148.D
 Acq On : 17 Jul 2025 15:06
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 17 16:24:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.723	-9.3	91	0.00
49	Acenaphthylene	40.000	40.013	-0.0	90	0.00
50	Dimethylphthalate	40.000	40.218	-0.5	89	0.00
51	2,6-Dinitrotoluene	40.000	43.820	-9.6	91	0.00
52 C	Acenaphthene	40.000	40.176	-0.4	91	0.00
53	3-Nitroaniline	40.000	42.985	-7.5	91	0.00
54 P	2,4-Dinitrophenol	40.000	40.998	-2.5	93	0.00
55	Dibenzofuran	40.000	39.981	0.0	90	0.00
56 P	4-Nitrophenol	40.000	42.344	-5.9	86	0.00
57	2,4-Dinitrotoluene	40.000	44.440	-11.1	90	0.00
58	Fluorene	40.000	39.219	2.0	89	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.743	-4.4	90	0.00
60	Diethylphthalate	40.000	40.729	-1.8	90	0.00
61	4-Chlorophenyl-phenylether	40.000	40.377	-0.9	91	0.00
62	4-Nitroaniline	40.000	41.953	-4.9	86	0.00
63	Azobenzene	40.000	40.414	-1.0	89	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	84	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.869	-4.7	93	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.250	-0.6	89	0.00
67	4-Bromophenyl-phenylether	40.000	40.828	-2.1	90	0.00
68	Hexachlorobenzene	40.000	40.268	-0.7	88	0.00
69	Atrazine	40.000	42.615	-6.5	89	0.00
70 C	Pentachlorophenol	40.000	42.292	-5.7	88	0.00
71	Phenanthrene	40.000	40.026	-0.1	88	0.00
72	Anthracene	40.000	40.557	-1.4	89	0.00
73	Carbazole	40.000	40.476	-1.2	87	0.00
74	Di-n-butylphthalate	40.000	42.330	-5.8	89	0.00
75 C	Fluoranthene	40.000	40.836	-2.1	88	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	89	0.00
77	Benzydine	40.000	43.239	-8.1	78	0.00
78	Pyrene	40.000	39.916	0.2	89	0.00
79 S	Terphenyl-d14	80.000	69.333	13.3	79	0.00
80	Butylbenzylphthalate	40.000	43.827	-9.6	94	0.00
81	Benzo(a)anthracene	40.000	39.950	0.1	93	0.00
82	3,3'-Dichlorobenzidine	40.000	43.772	-9.4	102	0.00
83	Chrysene	40.000	42.233	-5.6	94	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.578	-8.9	98	0.00
85 c	Di-n-octyl phthalate	40.000	43.077	-7.7	100	0.00
86 I	Perylene-d12	20.000	20.000	0.0	96	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.983	-2.5	98	0.00
88	Benzo(b)fluoranthene	40.000	43.278	-8.2	110	0.00
89	Benzo(k)fluoranthene	40.000	37.531	6.2	87	0.00
90 C	Benzo(a)pyrene	40.000	40.594	-1.5	98	0.00
91	Dibenzo(a,h)anthracene	40.000	40.710	-1.8	98	0.00
92	Benzo(g,h,i)perylene	40.000	41.394	-3.5	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143148.D
Acq On : 17 Jul 2025 15:06
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071725

Quant Time: Jul 17 16:24:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2664Instrument ID: BNA_MCalibration Date(s): 07/08/2025 07/08/2025Calibration Time(s): 12:39 17:22

LAB FILE ID:		RRF2.5 = BM050377.D			RRF005 = BM050378.D		RRF010 = BM050379.D	
		RRF020 = BM050380.D			RRF040 = BM050381.D		RRF050 = BM050382.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.126	1.079	1.149	1.152	1.258	1.162	4.9
Benzaldehyde			0.944	0.985	0.897	0.837	0.871	13.0
Phenol-d6		1.367	1.327	1.441	1.466	1.607	1.465	6.7
bis(2-Chloroethyl)ether		1.202	1.134	1.223	1.196	1.324	1.223	4.9
2,2-oxybis(1-Chloropropane)		1.835	1.741	1.818	1.752	1.907	1.802	3.4
Acetophenone		0.493	0.479	0.501	0.491	0.534	0.500	3.7
n-Nitroso-di-n-propylamine	0.790	0.805	0.808	0.888	0.911	1.005	0.887	9.0
Nitrobenzene-d5		0.362	0.355	0.390	0.392	0.429	0.392	6.8
Hexachloroethane		0.518	0.501	0.532	0.520	0.574	0.535	4.7
Nitrobenzene		0.333	0.329	0.353	0.345	0.377	0.350	4.7
Isophorone		0.571	0.574	0.634	0.640	0.702	0.636	7.7
bis(2-Chloroethoxy)methane		0.407	0.395	0.422	0.417	0.454	0.422	4.6
Naphthalene		1.033	0.975	1.024	0.988	1.071	1.016	3.3
4-Chloroaniline		0.398	0.397	0.427	0.429	0.465	0.429	6.0
Hexachlorobutadiene		0.222	0.209	0.222	0.221	0.244	0.228	5.4
Caprolactam			0.064	0.081	0.087	0.096	0.085	13.9
2-Methylnaphthalene		0.611	0.595	0.638	0.635	0.693	0.641	5.2
Hexachlorocyclopentadiene			0.320	0.361	0.396	0.450	0.407	14.1
2-Fluorobiphenyl		1.572	1.538	1.611	1.592	1.753	1.620	4.7
1,1-Biphenyl		1.464	1.419	1.479	1.441	1.586	1.484	3.8
2-Chloronaphthalene		1.164	1.126	1.187	1.150	1.267	1.183	3.9
2-Nitroaniline		0.197	0.211	0.253	0.278	0.312	0.264	17.2
Dimethylphthalate		1.323	1.285	1.368	1.351	1.506	1.377	5.3
Acenaphthylene		1.645	1.658	1.795	1.775	1.956	1.788	6.2
2,6-Dinitrotoluene		0.196	0.224	0.263	0.273	0.308	0.264	15.4
3-Nitroaniline		0.204	0.231	0.278	0.294	0.330	0.281	16.8
Acenaphthene		1.086	1.050	1.126	1.111	1.231	1.137	5.5
Dibenzofuran		1.747	1.674	1.756	1.709	1.880	1.751	3.8
2,4-Dinitrotoluene		0.234	0.277	0.340	0.371	0.422	0.350	20.3
Diethylphthalate		1.217	1.210	1.319	1.309	1.454	1.315	6.5
4-Chlorophenyl-phenylether		0.687	0.673	0.733	0.747	0.839	0.754	8.3
Fluorene		1.348	1.328	1.428	1.419	1.582	1.443	6.3
4-Nitroaniline		0.192	0.228	0.284	0.311	0.350	0.288	20.1
n-Nitrosodiphenylamine		0.572	0.577	0.620	0.623	0.678	0.626	6.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: GENV01Lab Code: ACESDG No.: Q2664Instrument ID: BNA_MCalibration Date(s): 07/08/2025 07/08/2025Calibration Time(s): 12:39 17:22

LAB FILE ID:		RRF2.5 = BM050377.D			RRF005 = BM050378.D		RRF010 = BM050379.D	
		RRF020 = BM050380.D			RRF040 = BM050381.D		RRF050 = BM050382.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,4,6-Tribromophenol		0.182	0.195	0.230	0.248	0.285	0.243	17.4
4-Bromophenyl-phenylether		0.196	0.194	0.211	0.218	0.242	0.220	9.6
Hexachlorobenzene		0.239	0.233	0.253	0.256	0.283	0.260	7.8
Atrazine		0.166	0.175	0.199	0.211	0.232	0.206	13.0
Phenanthrene		1.119	1.070	1.119	1.101	1.206	1.132	3.9
Anthracene		1.028	1.017	1.109	1.117	1.233	1.127	7.4
Carbazole		0.939	0.944	1.009	1.010	1.108	1.019	6.2
Di-n-butylphthalate		0.954	0.961	1.091	1.140	1.252	1.116	10.8
Fluoranthene		1.088	1.079	1.182	1.233	1.366	1.230	9.7
Pyrene		1.198	1.177	1.260	1.260	1.388	1.281	6.3
Terphenyl-d14		1.095	1.110	1.225	1.258	1.298	1.137	12.4
Butylbenzylphthalate		0.317	0.334	0.401	0.441	0.492	0.422	17.4
3,3-Dichlorobenzidine			0.351	0.406	0.429	0.498	0.439	12.7
Benzo (a) anthracene		1.204	1.202	1.282	1.282	1.428	1.303	6.6
Chrysene		1.162	1.153	1.200	1.209	1.327	1.229	5.4
Bis(2-ethylhexyl)phthalate		0.499	0.546	0.658	0.705	0.780	0.670	16.3
Di-n-octyl phthalate			0.742	0.931	1.058	1.193	1.050	17.4
Benzo (b) fluoranthene		1.090	1.075	1.177	1.230	1.368	1.230	9.8
Benzo (k) fluoranthene		1.105	1.138	1.247	1.263	1.444	1.276	9.9
Benzo (a) pyrene		0.962	0.985	1.099	1.156	1.314	1.152	12.4
Indeno (1,2,3-cd) pyrene		1.208	1.238	1.374	1.415	1.603	1.422	11.2
Dibenzo (a,h) anthracene		1.022	1.035	1.159	1.193	1.352	1.198	11.2
Benzo (g,h,i) perylene		0.992	1.001	1.097	1.121	1.264	1.132	9.7
1,2,4,5-Tetrachlorobenzene		0.590	0.569	0.611	0.622	0.700	0.636	7.9
1,4-Dioxane		0.504	0.466	0.482	0.460	0.501	0.478	4.0

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-BM070925.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Tue Jul 08 18:32:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BM050377.D 5 =BM050378.D 10 =BM050379.D 20 =BM050380.D 40 =BM050381.D 50 =BM050382.D 60 =BM050383.D 80 =BM050384.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.504	0.466	0.482	0.460	0.501	0.474	0.457	0.478		3.99
3)	Pyridine	1.249	1.197	1.256	1.228	1.336	1.279	1.236	1.254		3.52
4)	n-Nitrosodimet...		0.562	0.595	0.572	0.620	0.595	0.565	0.585		3.88
5) S	2-Fluorophenol	1.126	1.079	1.149	1.152	1.258	1.202	1.168	1.162		4.89
6)	Aniline	1.784	1.702	1.844	1.878	2.042	1.987	1.921	1.880		6.20
7) S	Phenol-d6	1.367	1.327	1.441	1.466	1.607	1.547	1.498	1.465		6.67
8)	2-Chlorophenol	1.135	1.105	1.219	1.217	1.341	1.301	1.258	1.225		6.89
9)	Benzaldehyde		0.944	0.985	0.897	0.837	0.694		0.871		13.03
10) C	Phenol	1.460	1.412	1.516	1.508	1.666	1.598	1.535	1.528		5.51
11)	bis(2-Chloroet...	1.202	1.134	1.223	1.196	1.324	1.268	1.218	1.223		4.88
12)	1,3-Dichlorobe...	1.504	1.425	1.496	1.448	1.580	1.511	1.465	1.490		3.40
13) C	1,4-Dichlorobe...	1.553	1.459	1.536	1.465	1.610	1.538	1.487	1.521		3.57
14)	1,2-Dichlorobe...	1.481	1.395	1.454	1.410	1.541	1.485	1.428	1.456		3.48
15)	Benzyl Alcohol		0.907	0.995	1.022	1.125	1.090	1.052	1.032		7.45
16)	2,2'-oxybis(1-...	1.835	1.741	1.818	1.752	1.907	1.821	1.741	1.802		3.41
17)	2-Methylphenol	0.922	0.898	0.980	0.990	1.089	1.048	1.008	0.991		6.71
18)	Hexachloroethane	0.518	0.501	0.532	0.520	0.574	0.556	0.543	0.535		4.66
19) P	n-Nitroso-di-n...	0.790	0.805	0.808	0.888	0.911	1.005	0.968	0.924	0.887	9.01
20)	3+4-Methylphenols		1.170	1.296	1.325	1.458	1.393	1.338	1.330		7.29
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.493	0.479	0.501	0.491	0.534	0.513	0.489	0.500		3.69
23) S	Nitrobenzene-d5	0.362	0.355	0.390	0.392	0.429	0.415	0.400	0.392		6.77
24)	Nitrobenzene	0.333	0.329	0.353	0.345	0.377	0.362	0.349	0.350		4.73
25)	Isophorone	0.571	0.574	0.634	0.640	0.702	0.679	0.652	0.636		7.73
26) C	2-Nitrophenol	0.107	0.112	0.132	0.147	0.167	0.167	0.167	0.143		18.26
27)	2,4-Dimethylph...	0.295	0.275	0.301	0.299	0.329	0.317	0.308	0.303		5.63
28)	bis(2-Chloroet...	0.407	0.395	0.422	0.417	0.454	0.436	0.420	0.422		4.61
29) C	2,4-Dichloroph...	0.277	0.279	0.311	0.312	0.344	0.334	0.325	0.312		8.26
30)	1,2,4-Trichlor...	0.370	0.349	0.369	0.362	0.397	0.385	0.378	0.373		4.21
31)	Naphthalene	1.033	0.975	1.024	0.988	1.071	1.029	0.992	1.016		3.26
32)	Benzoic acid		0.100	0.139	0.164	0.195	0.194	0.199	0.165		23.89
33)	4-Chloroaniline	0.398	0.397	0.427	0.429	0.465	0.453	0.437	0.429		6.00
34) C	Hexachlorobuta...	0.222	0.209	0.222	0.221	0.244	0.239	0.235	0.228		5.37
35)	Caprolactam		0.064	0.081	0.087	0.096	0.093	0.090	0.085		13.87
36) C	4-Chloro-3-met...	0.258	0.256	0.288	0.295	0.326	0.313	0.302	0.291		9.10
37)	2-Methylnaphth...	0.611	0.595	0.638	0.635	0.693	0.671	0.647	0.641		5.19
38)	1-Methylnaphth...	0.651	0.629	0.674	0.673	0.736	0.707	0.681	0.679		5.17

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
 Method File : 8270-BM070925.M

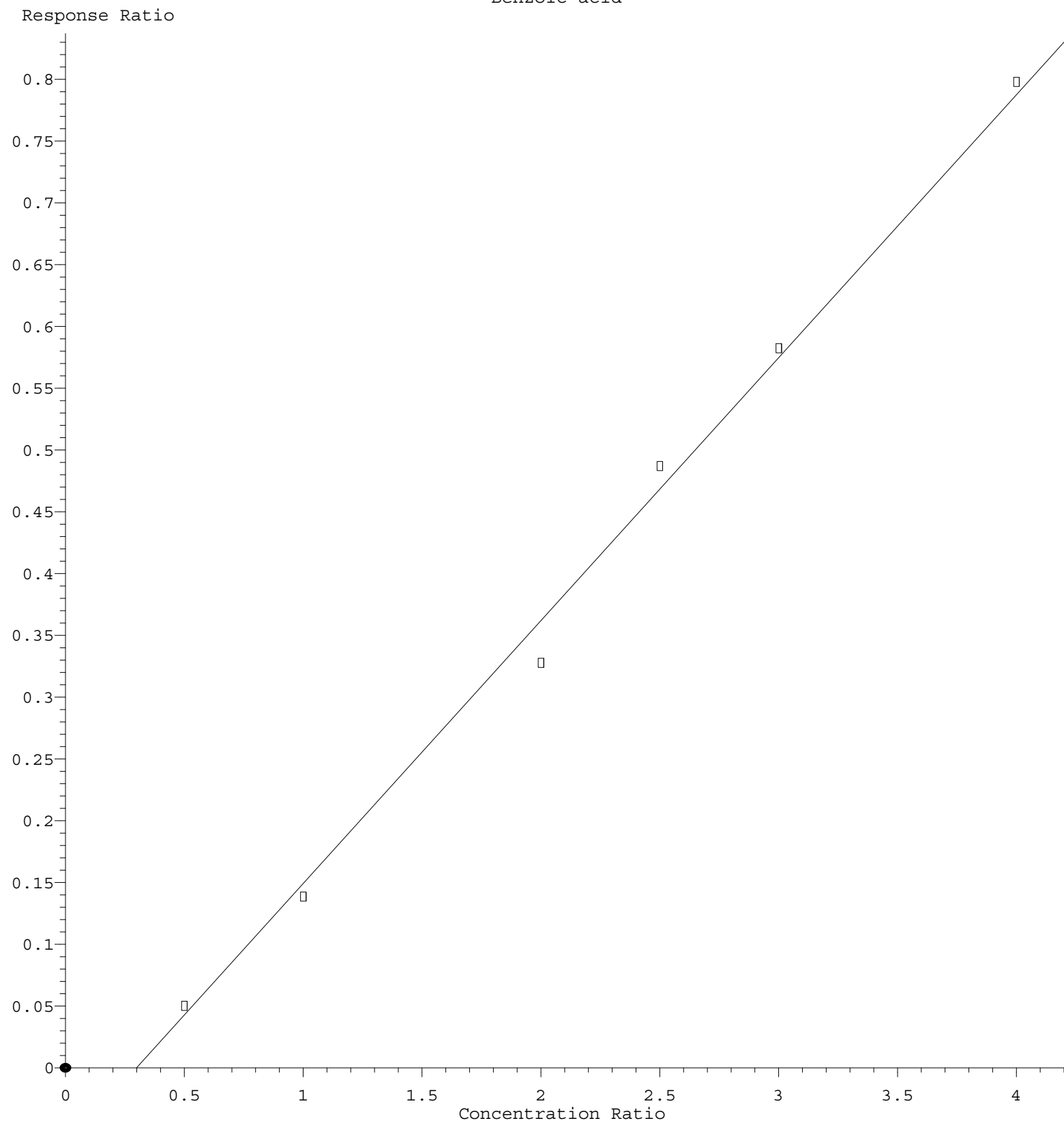
39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.590	0.569	0.611	0.622	0.700	0.683	0.677	0.636	7.93
41) P	Hexachlorocycl...	0.320	0.361	0.396	0.450	0.454	0.459	0.407		14.08
42) S	2,4,6-Tribromo...	0.182	0.195	0.230	0.248	0.285	0.280	0.280	0.243	17.40
43) C	2,4,6-Trichlor...	0.330	0.335	0.377	0.394	0.443	0.434	0.427	0.391	11.81
44)	2,4,5-Trichlor...	0.359	0.376	0.415	0.430	0.484	0.470	0.460	0.428	11.13
45) S	2-Fluorobiphenyl	1.572	1.538	1.611	1.592	1.753	1.697	1.575	1.620	4.74
46)	1,1'-Biphenyl	1.464	1.419	1.479	1.441	1.586	1.527	1.471	1.484	3.79
47)	2-Chloronaphth...	1.164	1.126	1.187	1.150	1.267	1.217	1.171	1.183	3.93
48)	2-Nitroaniline	0.197	0.211	0.253	0.278	0.312	0.302	0.295	0.264	17.17
49)	Acenaphthylene	1.645	1.658	1.795	1.775	1.956	1.875	1.811	1.788	6.21
50)	Dimethylphthalate	1.323	1.285	1.368	1.351	1.506	1.432	1.373	1.377	5.29
51)	2,6-Dinitrotol...	0.196	0.224	0.263	0.273	0.308	0.297	0.289	0.264	15.41
52) C	Acenaphthene	1.086	1.050	1.126	1.111	1.231	1.196	1.158	1.137	5.51
53)	3-Nitroaniline	0.204	0.231	0.278	0.294	0.330	0.319	0.311	0.281	16.81
54) P	2,4-Dinitrophenol	0.074	0.097	0.117	0.140	0.147	0.150	0.121		25.40
55)	Dibenzofuran	1.747	1.674	1.756	1.709	1.880	1.784	1.711	1.751	3.84
56) P	4-Nitrophenol	0.182	0.225	0.245	0.276	0.265	0.258	0.242		14.15
57)	2,4-Dinitrotol...	0.234	0.277	0.340	0.371	0.422	0.407	0.401	0.350	20.31
58)	Fluorene	1.348	1.328	1.428	1.419	1.582	1.522	1.470	1.443	6.29
59)	2,3,4,6-Tetrac...	0.299	0.306	0.355	0.365	0.405	0.397	0.392	0.360	11.92
60)	Diethylphthalate	1.217	1.210	1.319	1.309	1.454	1.379	1.320	1.315	6.51
61)	4-Chlorophenyl...	0.687	0.673	0.733	0.747	0.839	0.811	0.790	0.754	8.28
62)	4-Nitroaniline	0.192	0.228	0.284	0.311	0.350	0.331	0.320	0.288	20.10
63)	Azobenzene	1.085	1.116	1.234	1.208	1.335	1.272	1.204	1.208	7.15
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.057	0.077	0.094	0.109	0.113	0.117	0.095		24.90
66) c	n-Nitrosodiphe...	0.572	0.577	0.620	0.623	0.678	0.658	0.654	0.626	6.49
67)	4-Bromophenyl-...	0.196	0.194	0.211	0.218	0.242	0.240	0.241	0.220	9.61
68)	Hexachlorobenzene	0.239	0.233	0.253	0.256	0.283	0.279	0.278	0.260	7.78
69)	Atrazine	0.166	0.175	0.199	0.211	0.232	0.228	0.227	0.206	12.95
70) C	Pentachlorophenol	0.122	0.145	0.161	0.181	0.180	0.183	0.162		15.23
71)	Phenanthrene	1.119	1.070	1.119	1.101	1.206	1.163	1.143	1.132	3.91
72)	Anthracene	1.028	1.017	1.109	1.117	1.233	1.204	1.179	1.127	7.44
73)	Carbazole	0.939	0.944	1.009	1.010	1.108	1.073	1.052	1.019	6.23
74)	Di-n-butylphth...	0.954	0.961	1.091	1.140	1.252	1.216	1.196	1.116	10.76
75) C	Fluoranthene	1.088	1.079	1.182	1.233	1.366	1.339	1.327	1.230	9.67
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.370	0.521	0.553	0.601	0.552	0.464	0.510		16.08
78)	Pyrene	1.198	1.177	1.260	1.260	1.388	1.366	1.316	1.281	6.26
79) S	Terphenyl-d14	1.095	1.110	1.225	1.258	1.298	1.094	0.878	1.137	12.43
80)	Butylbenzylpht...	0.317	0.334	0.401	0.441	0.492	0.491	0.479	0.422	17.39
81)	Benzo(a)anthra...	1.204	1.202	1.282	1.282	1.428	1.379	1.345	1.303	6.57
82)	3,3'-Dichlorob...	0.351	0.406	0.429	0.498	0.487	0.465	0.439		12.66
83)	Chrysene	1.162	1.153	1.200	1.209	1.327	1.303	1.249	1.229	5.45
84)	Bis(2-ethylhex...	0.499	0.546	0.658	0.705	0.780	0.763	0.742	0.670	16.33
85) c	Di-n-octyl pht...	0.742	0.931	1.058	1.193	1.194	1.183	1.050		17.44

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

86) I	Perylene-d12	-----ISTD-----									
87)	Indeno(1,2,3-c...	1.208	1.238	1.374	1.415	1.603	1.564	1.551	1.422	11.17	
88)	Benzo(b)fluora...	1.090	1.075	1.177	1.230	1.368	1.344	1.327	1.230	9.83	
89)	Benzo(k)fluora...	1.105	1.138	1.247	1.263	1.444	1.387	1.350	1.276	9.86	
90) C	Benzo(a)pyrene	0.962	0.985	1.099	1.156	1.314	1.281	1.264	1.152	12.41	
91)	Dibenzo(a,h)an...	1.022	1.035	1.159	1.193	1.352	1.320	1.301	1.198	11.23	
92)	Benzo(g,h,i)pe...	0.992	1.001	1.097	1.121	1.263	1.232	1.216	1.132	9.73	

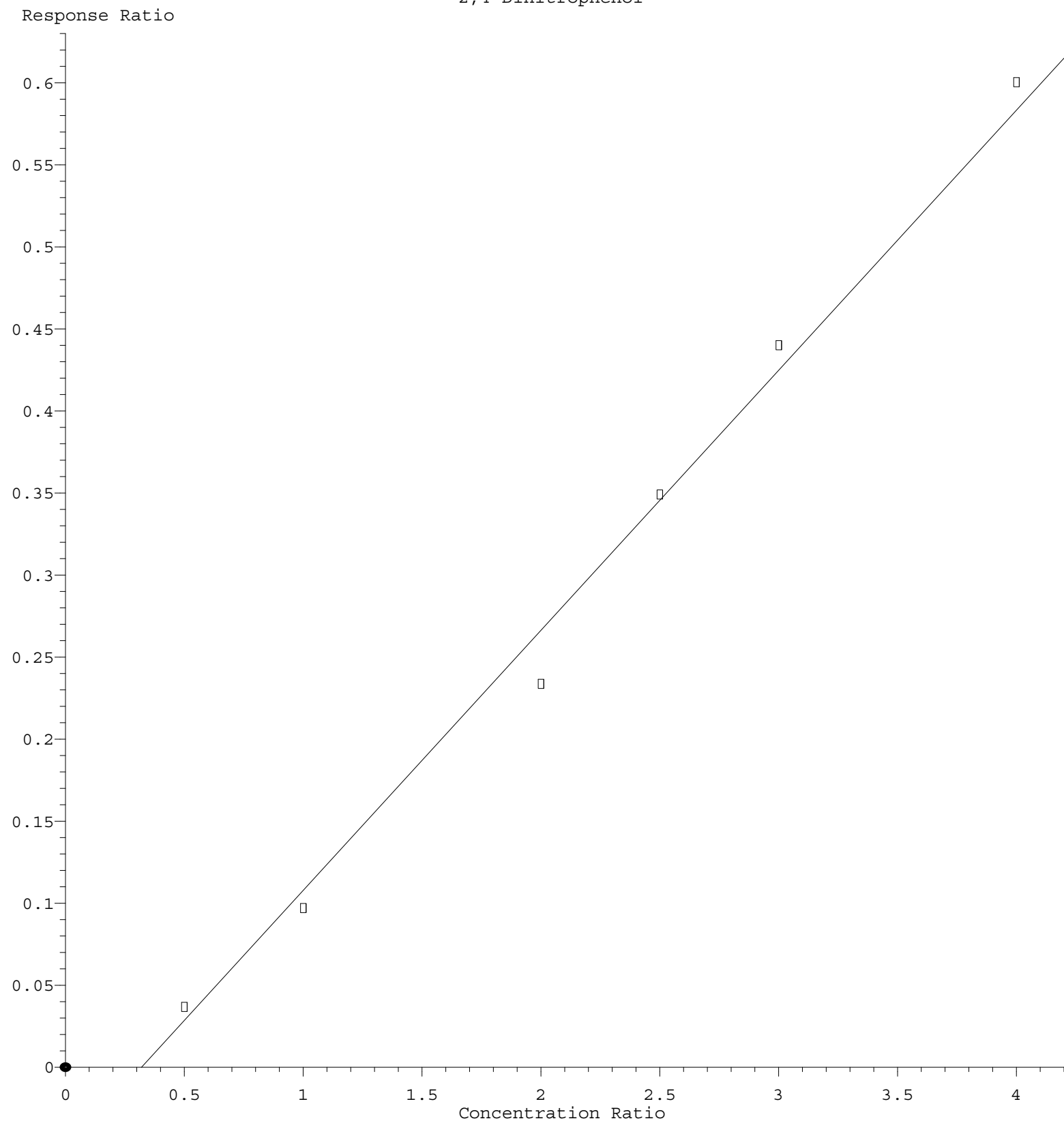
(#) = Out of Range

Benzoic acid



Response = $2.127 \times 10^{-1} \times \text{Amt} - 6.353 \times 10^{-2}$
 Coef of Det (r^2) = 0.995611 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
 Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

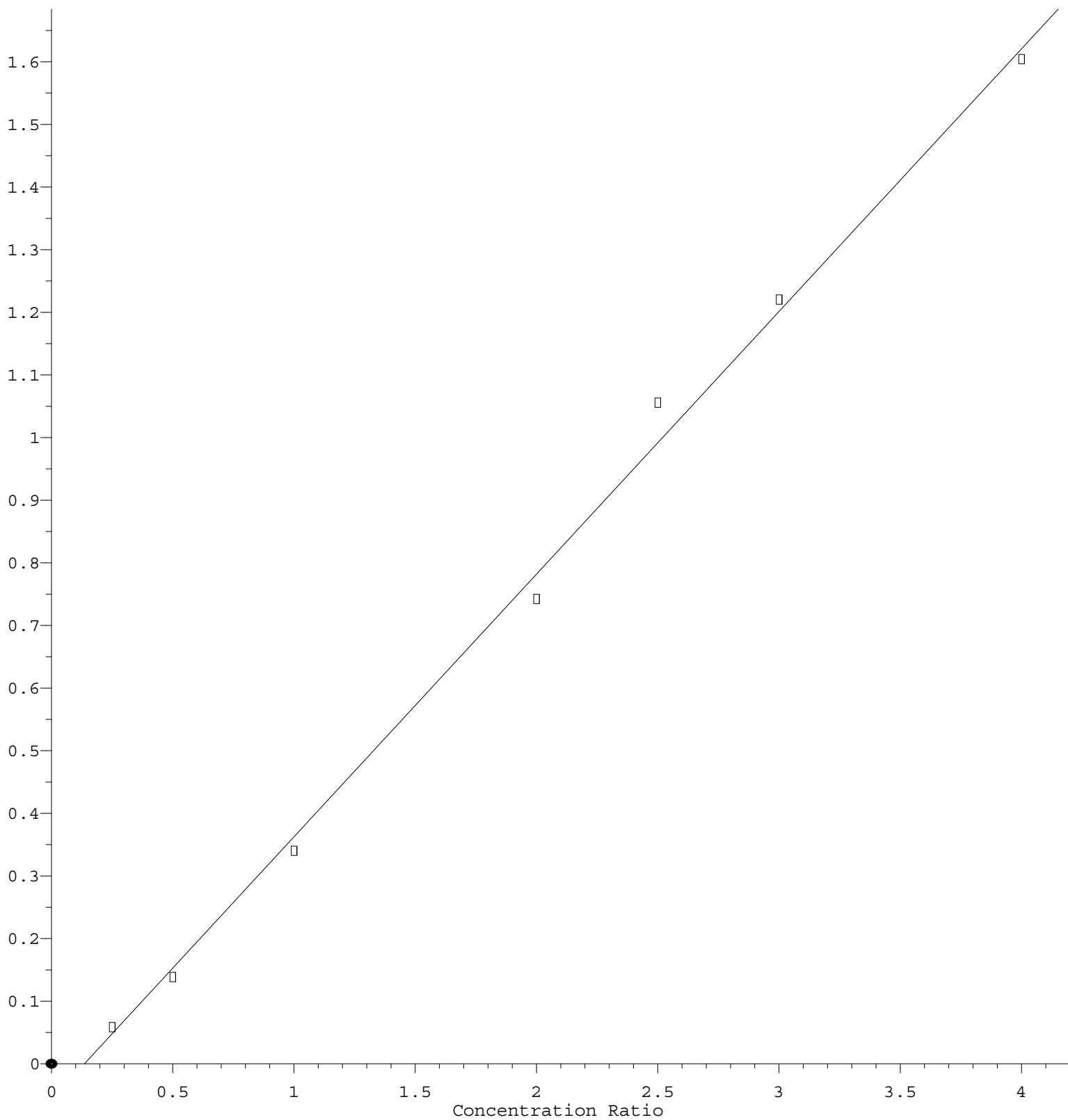
2,4-Dinitrophenol



$\text{Response} = 1.586\text{e-}001 * \text{Amt} - 5.080\text{e-}002$
 Coef of Det (r^2) = 0.992540 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
 Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

2,4-Dinitrotoluene

Response Ratio



$$\text{Response} = 4.196\text{e-}001 * \text{Amt} - 5.715\text{e-}002$$

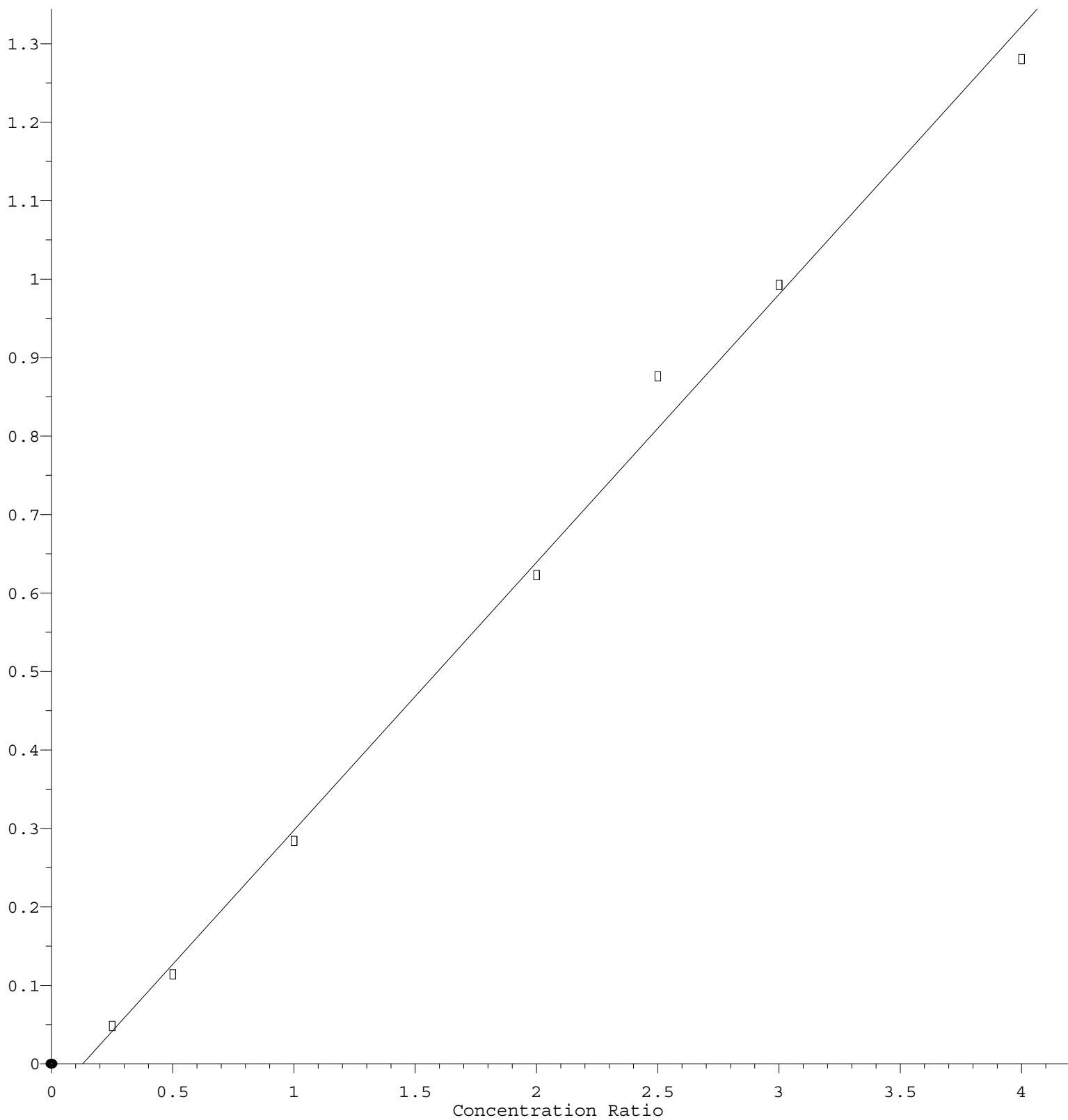
Coef of Det (r^2) = 0.996987 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M

Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

4-Nitroaniline

Response Ratio



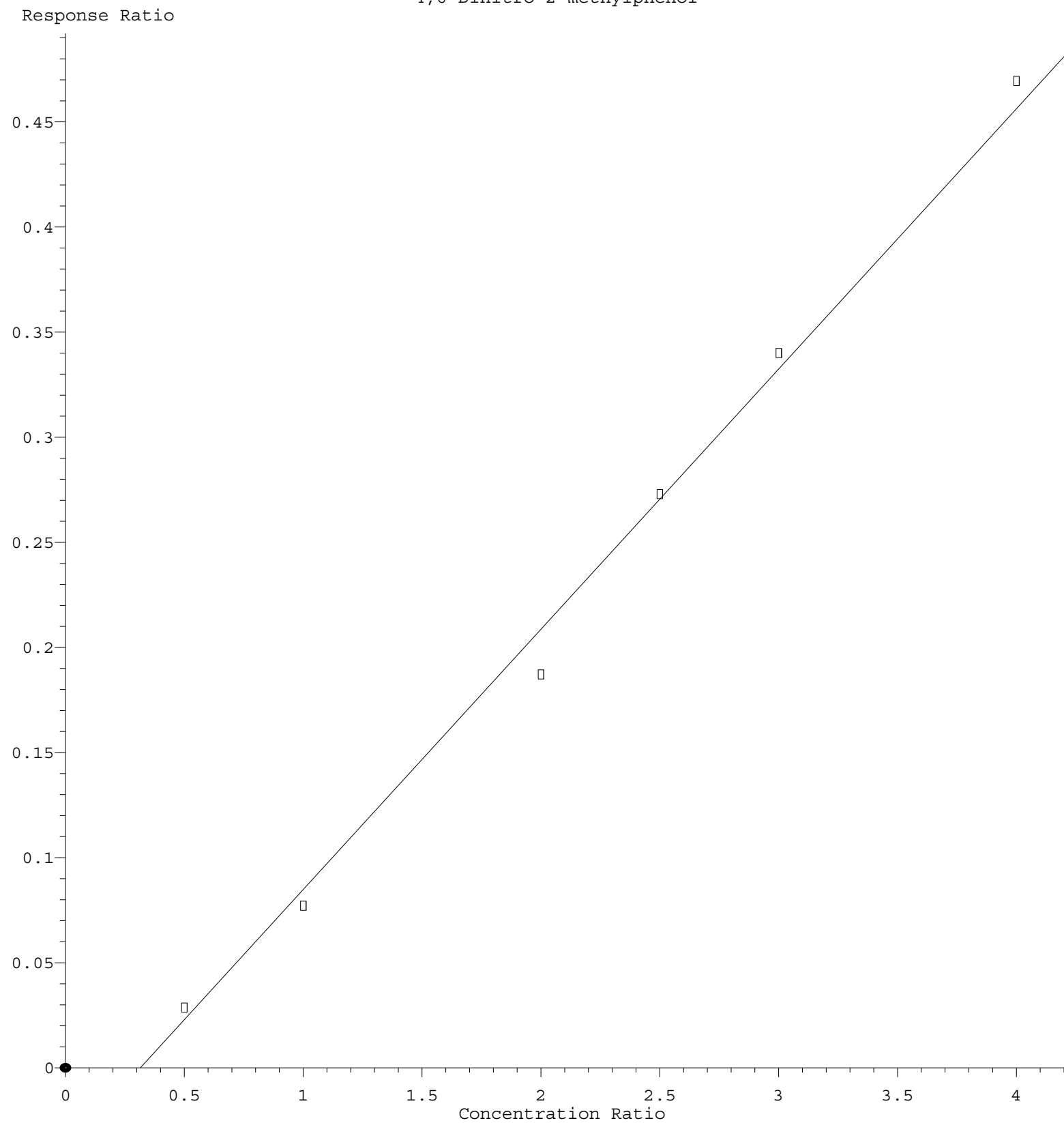
$$\text{Response} = 3.416\text{e-}001 * \text{Amt} - 4.419\text{e-}002$$

Coef of Det (r^2) = 0.996508 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M

Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

4,6-Dinitro-2-methylphenol



Response = 1.238e-001 * Amt - 3.901e-002
 Coef of Det (r^2) = 0.994498 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
 Calibration Table Last Updated: Tue Jul 08 18:32:25 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050377.D
 Acq On : 08 Jul 2025 12:39
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

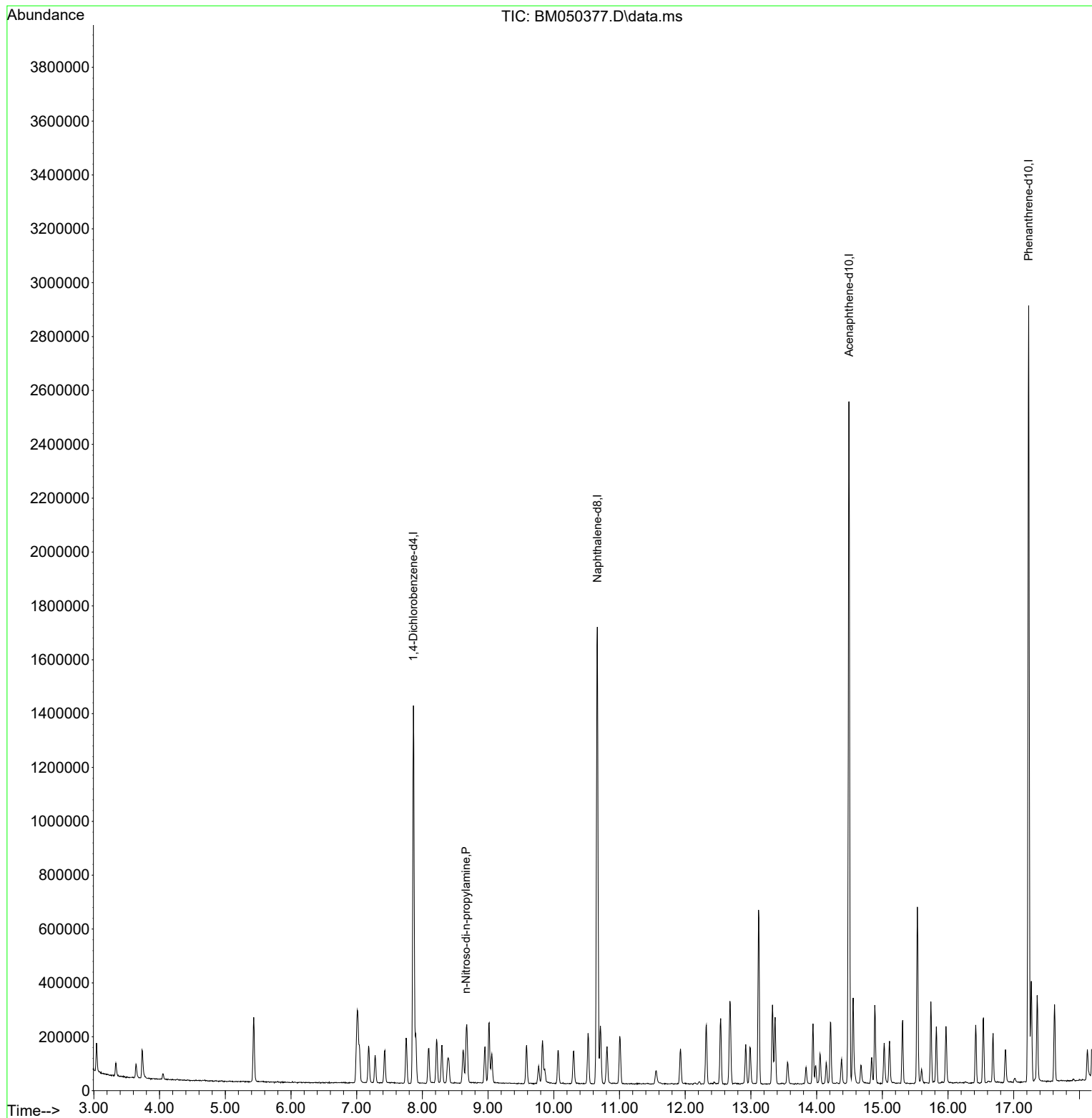
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	378493	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1426576	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874661	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1666049	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1594000	20.000	ng	0.00
86) Perylene-d12	24.491	264	1645810	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...	8.663	70	37375	2.226	ng	Qvalue 100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

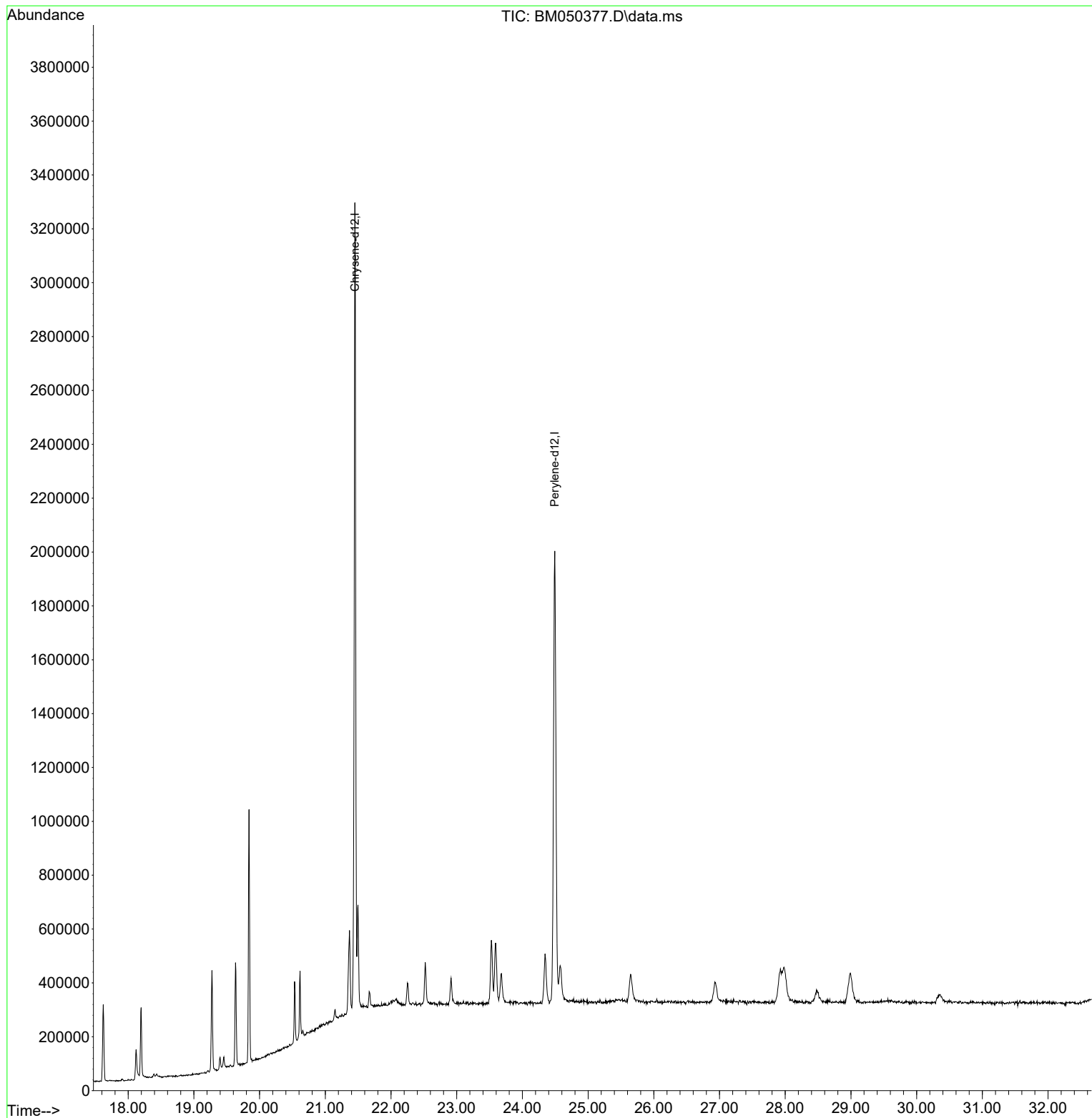
Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

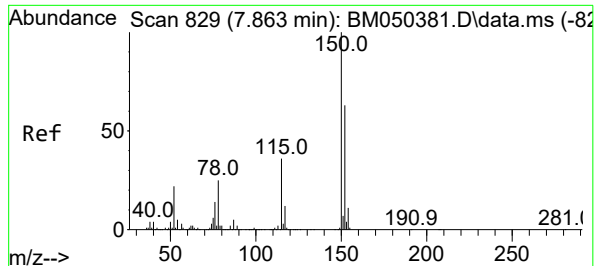


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

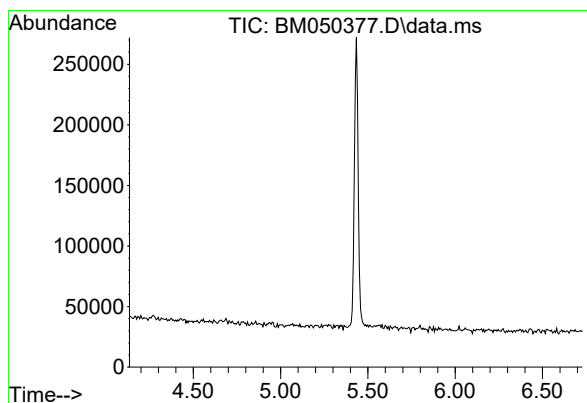
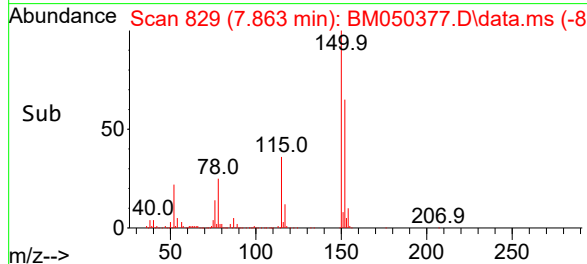
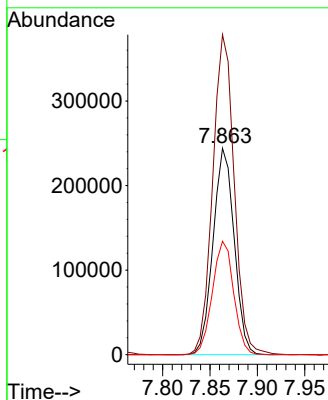
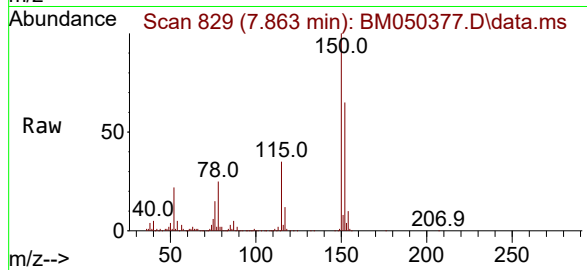




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

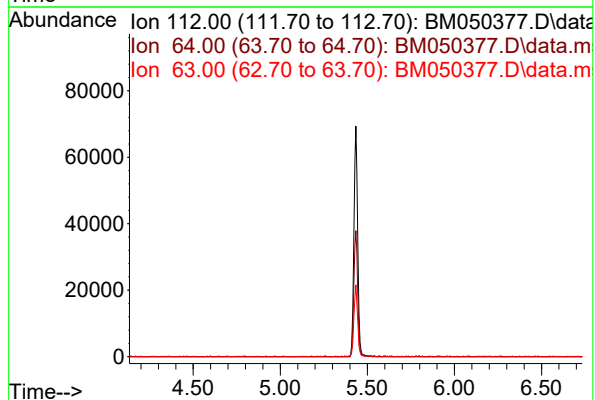
Tgt Ion:152 Resp: 378493
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 55.0 45.8 68.8

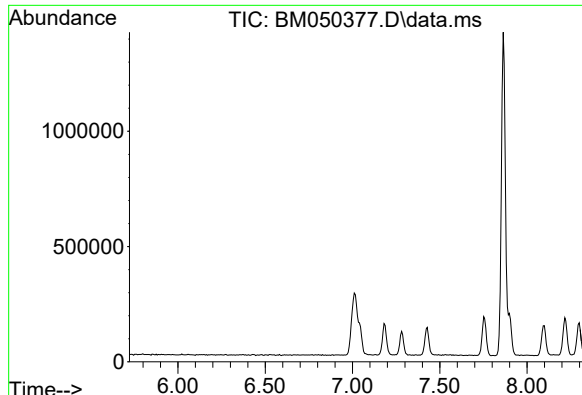


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 112
Sig Exp Ratio
112 100
64 56.9
63 30.3





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.02 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

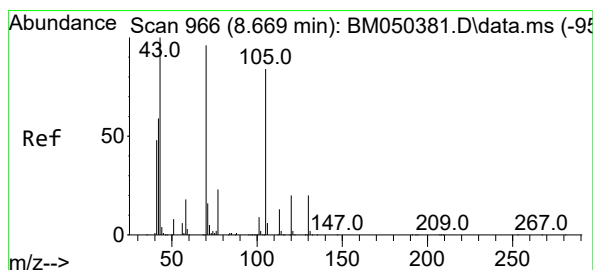
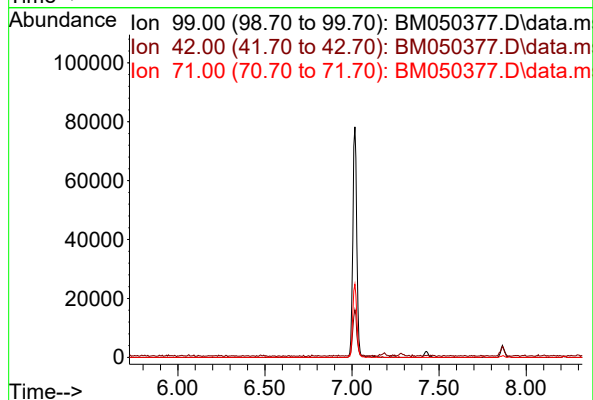
Tgt Ion: 99

Sig Exp Ratio

99 100

42 18.8

71 32.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.226 ng

RT: 8.663 min Scan# 965

Delta R.T. -0.006 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

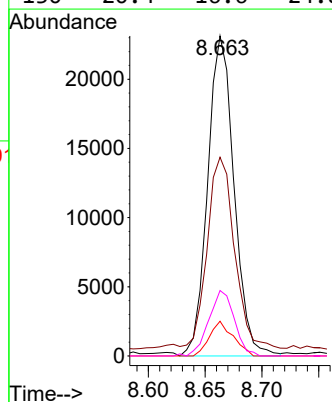
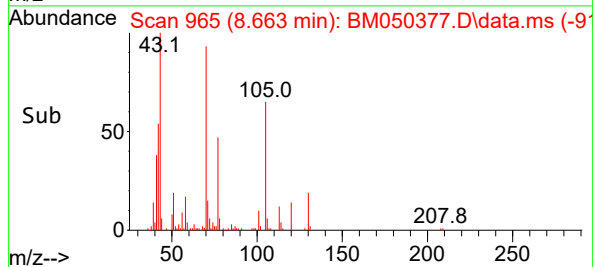
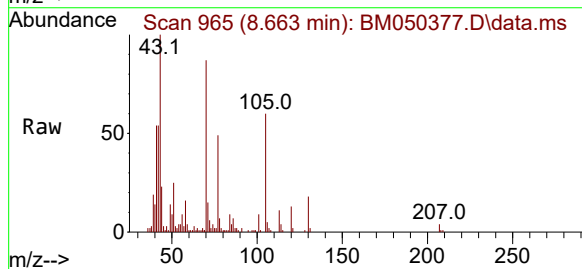
Ion Ratio Lower Upper

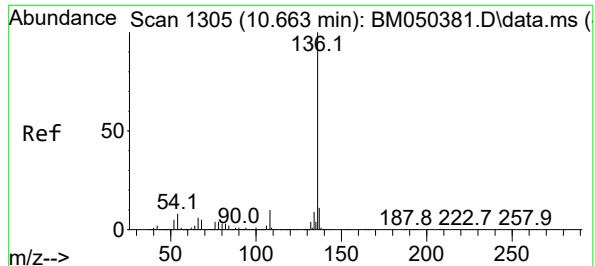
70 100

42 62.1 49.7 74.5

101 10.8 7.7 11.5

130 20.4 16.6 24.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 1426576

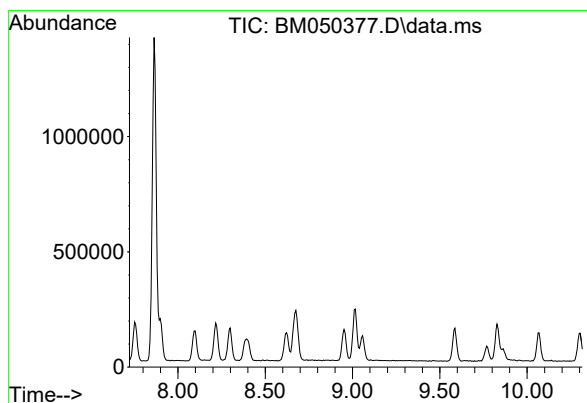
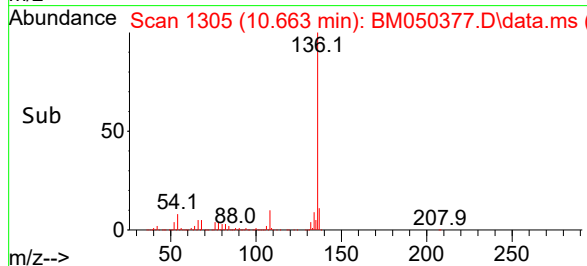
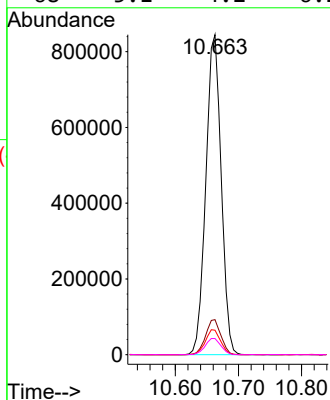
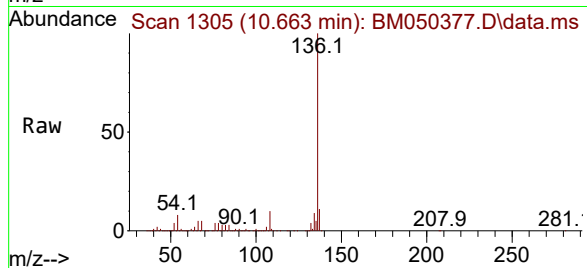
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.3 9.5

68 5.1 4.2 6.2



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 9.02 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

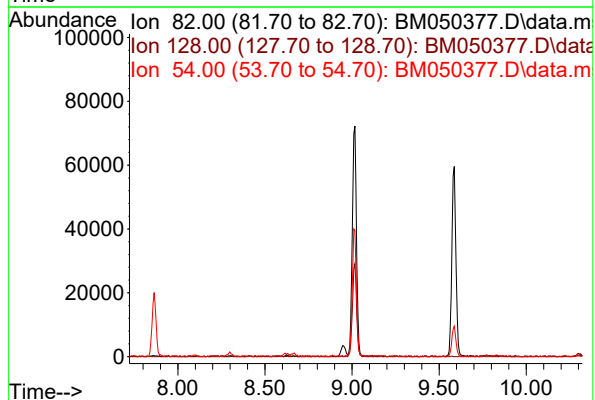
Tgt Ion: 82

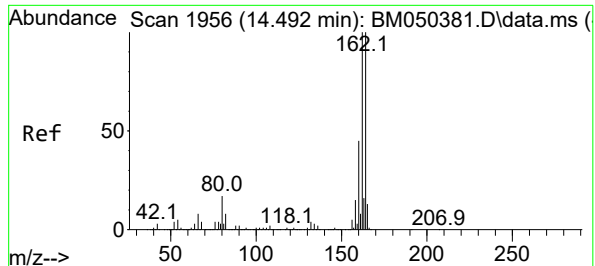
Sig Exp Ratio

82 100

128 44.0

54 51.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050377.D

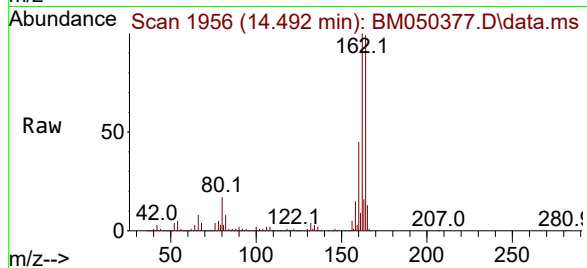
Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



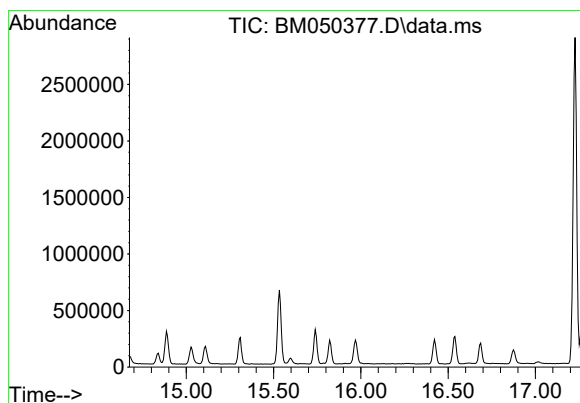
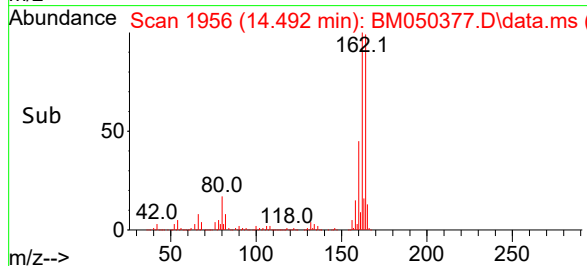
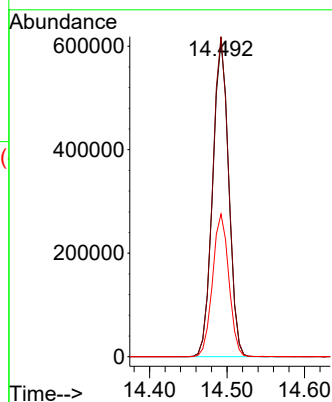
Tgt Ion:164 Resp: 874661

Ion Ratio Lower Upper

164 100

162 101.5 79.9 119.9

160 45.2 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.97 min

Lab File: BM050377.D

Acq: 08 Jul 2025 12:39

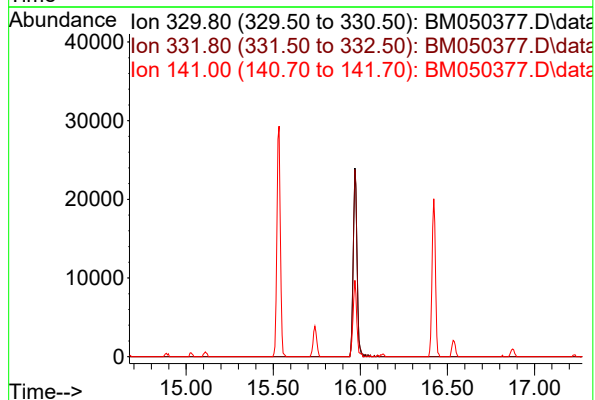
Tgt Ion: 330

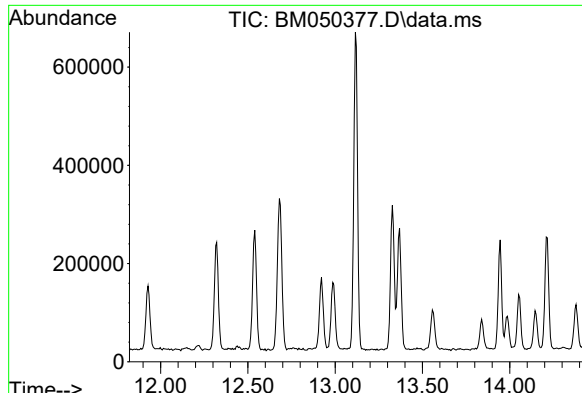
Sig Exp Ratio

330 100

332 96.1

141 34.2

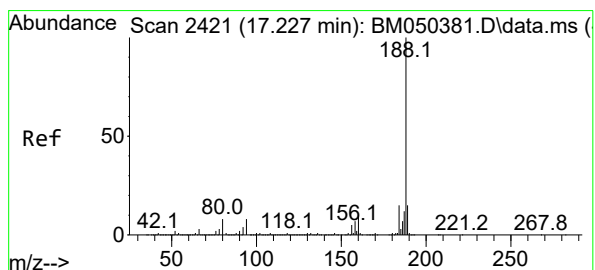
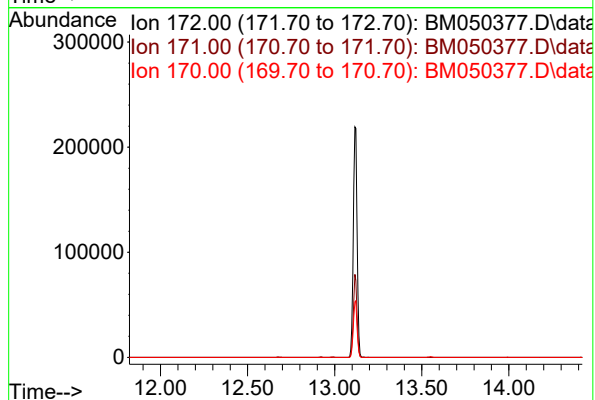




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

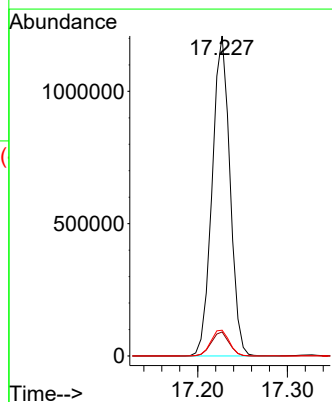
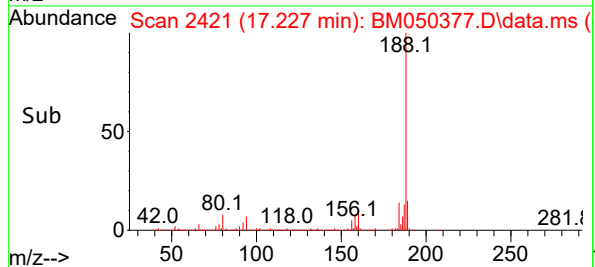
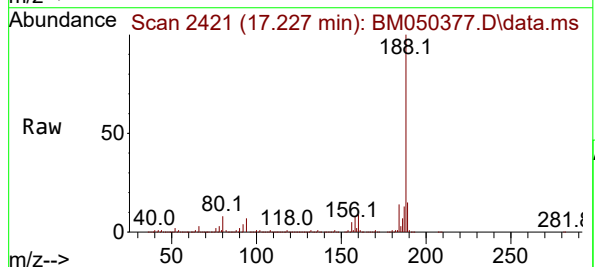
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

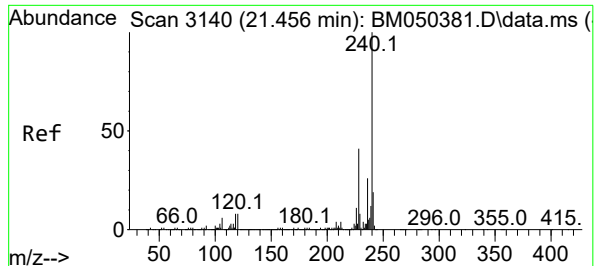
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.6
170 23.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 188 Resp: 1666049
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.0 6.5 9.7

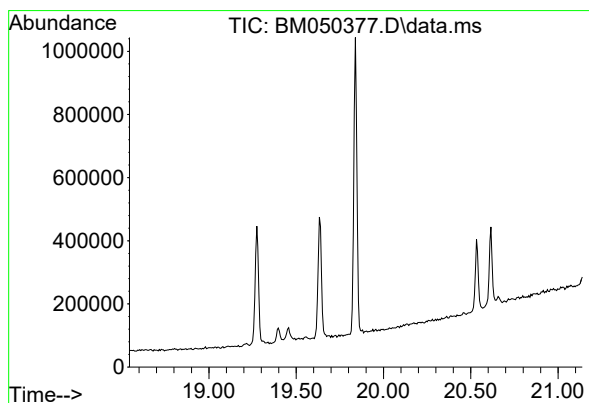
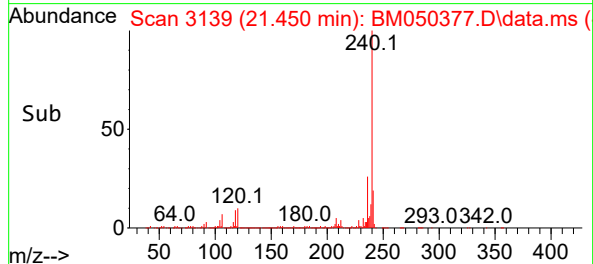
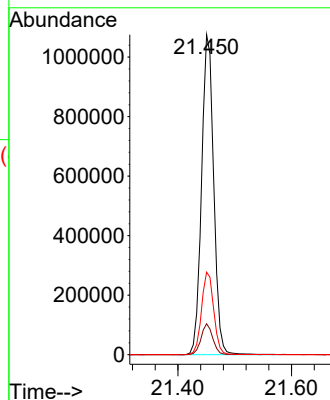
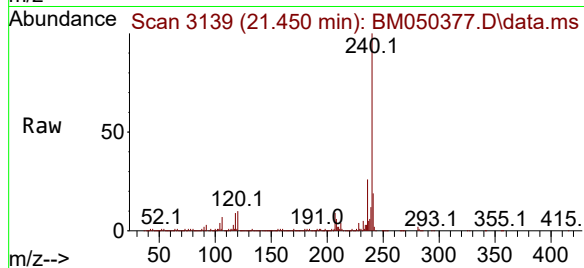




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

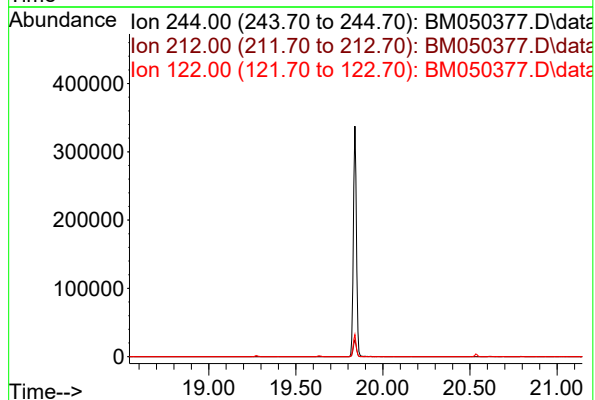
Tgt Ion:240 Resp: 1594000
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.8 20.7 31.1

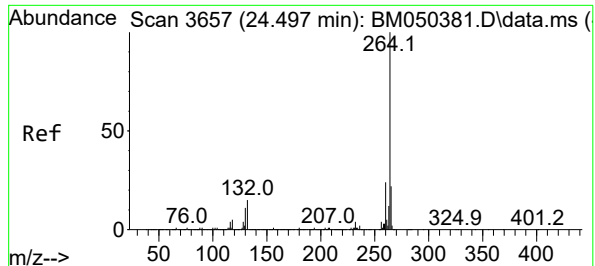


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.1
122 7.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.491 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM050377.D

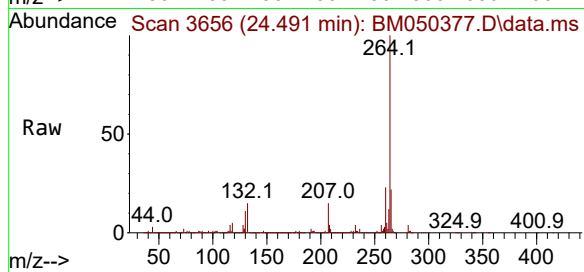
Acq: 08 Jul 2025 12:39

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5



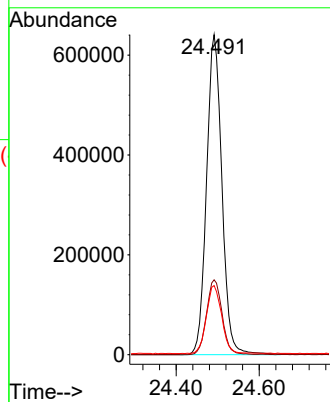
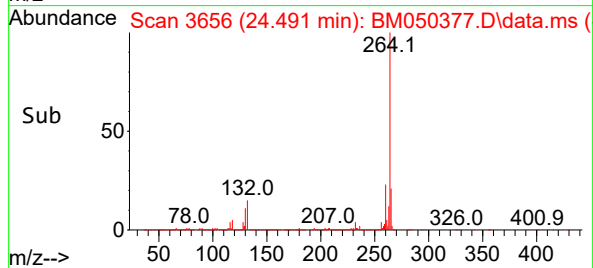
Tgt Ion:264 Resp: 1645810

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050378.D
 Acq On : 08 Jul 2025 13:19
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 08 18:19:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	332042	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1221582	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	768894	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1453955	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1431554	20.000	ng	0.00
86) Perylene-d12	24.491	264	1410719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	186878	9.688	ng	0.00
7) Phenol-d6	7.016	99	226950	9.333	ng	0.00
23) Nitrobenzene-d5	9.016	82	221107	9.234	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	69925	7.485	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	604282	9.705	ng	0.00
79) Terphenyl-d14	19.839	244	783562	9.630	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	41862	5.278	ng	99
3) Pyridine	3.734	79	103718	4.981	ng	94
6) Aniline	7.187	93	148080	4.745	ng	99
8) 2-Chlorophenol	7.428	128	94226	4.632	ng	98
10) Phenol	7.045	94	121196	4.778	ng	100
11) bis(2-Chloroethyl)ether	7.281	93	99772	4.912	ng	97
12) 1,3-Dichlorobenzene	7.757	146	124875	5.049	ng	99
13) 1,4-Dichlorobenzene	7.898	146	128887	5.103	ng	98
14) 1,2-Dichlorobenzene	8.216	146	122972	5.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	152357	5.092	ng	99
17) 2-Methylphenol	8.298	107	76571	4.655	ng	97
18) Hexachloroethane	8.951	117	42990	4.840	ng	97
19) n-Nitroso-di-n-propyla...	8.663	70	66842	4.537	ng	96
22) Acetophenone	8.681	105	150473	4.927	ng	# 98
24) Nitrobenzene	9.057	77	101661	4.758	ng	97
25) Isophorone	9.586	82	174388	4.488	ng	99
26) 2-Nitrophenol	9.769	139	32805	3.767	ng	91
27) 2,4-Dimethylphenol	9.828	122	90013	4.858	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	124150	4.822	ng	97
29) 2,4-Dichlorophenol	10.304	162	84485	4.438	ng	97
30) 1,2,4-Trichlorobenzene	10.522	180	112916	4.958	ng	98
31) Naphthalene	10.710	128	315550	5.086	ng	99
33) 4-Chloroaniline	10.810	127	121575	4.635	ng	98
34) Hexachlorobutadiene	11.010	225	67689	4.870	ng	98
36) 4-Chloro-3-methylphenol	11.927	107	78716	4.428	ng	99
37) 2-Methylnaphthalene	12.322	142	186482	4.760	ng	98
38) 1-Methylnaphthalene	12.539	142	198866	4.796	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	113496	4.642	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	63524	4.221	ng	100
44) 2,4,5-Trichlorophenol	12.992	196	68958	4.195	ng	98
46) 1,1'-Biphenyl	13.327	154	281496	4.934	ng	99
47) 2-Chloronaphthalene	13.369	162	223672	4.918	ng	99
48) 2-Nitroaniline	13.563	65	37953	3.738	ng	97
49) Acenaphthylene	14.216	152	316292	4.601	ng	98
50) Dimethylphthalate	13.945	163	254362	4.805	ng	99
51) 2,6-Dinitrotoluene	14.057	165	37711	3.710	ng	88

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050378.D
 Acq On : 08 Jul 2025 13:19
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jul 08 18:19:46 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

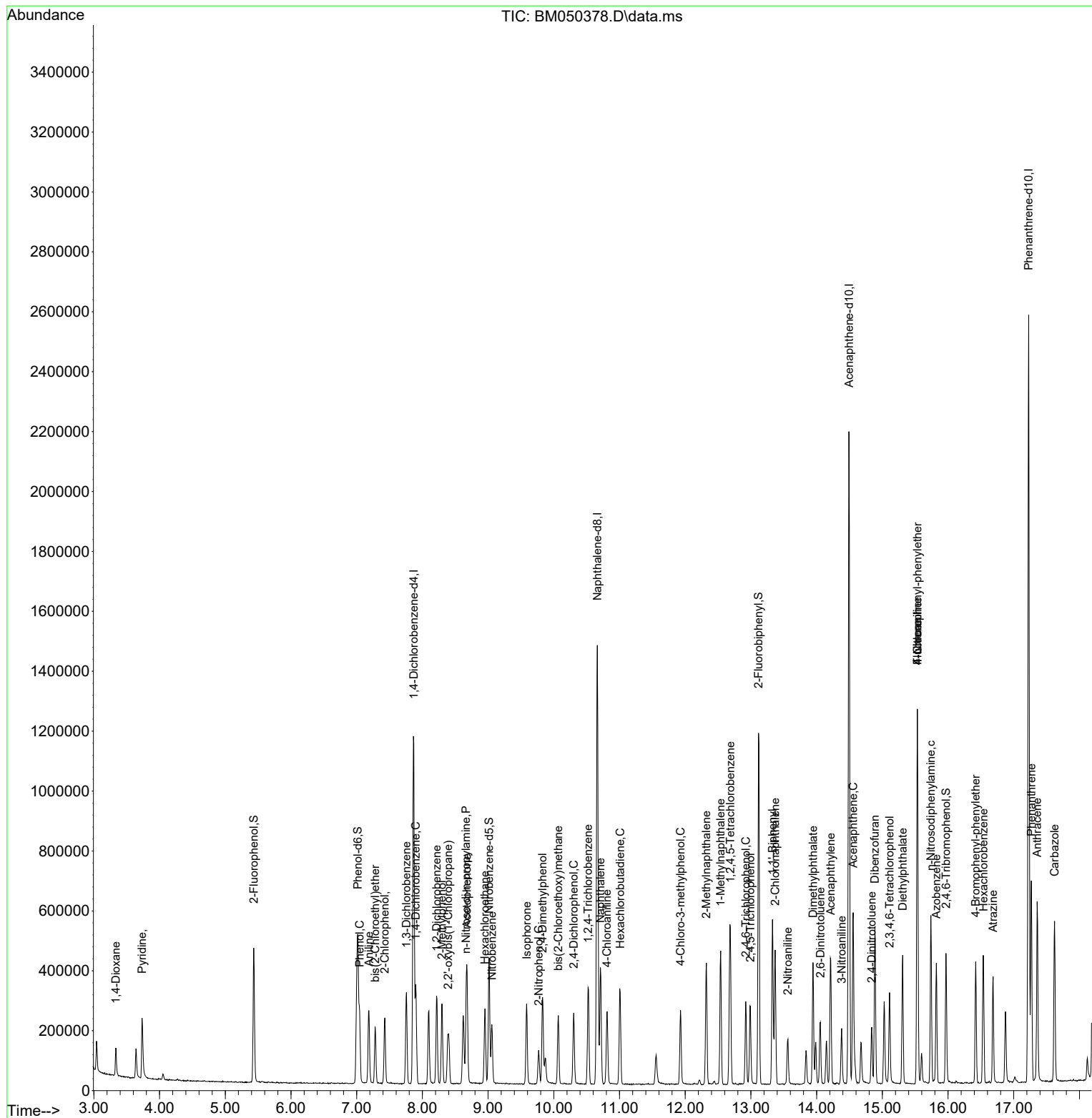
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.557	154	208840	4.779	ng	97
53) 3-Nitroaniline	14.380	138	39220	3.628	ng #	85
55) Dibenzofuran	14.886	168	335867	4.988	ng	99
57) 2,4-Dinitrotoluene	14.839	165	44983	5.513	ng #	87
58) Fluorene	15.533	166	259083	4.671	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	57532	4.158	ng	95
60) Diethylphthalate	15.310	149	233863	4.625	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	132153	4.557	ng	94
62) 4-Nitroaniline	15.533	138	36922	5.398	ng	80
63) Azobenzene	15.821	77	208493	4.490	ng	96
66) n-Nitrosodiphenylamine	15.739	169	207747	4.566	ng	98
67) 4-Bromophenyl-phenylether	16.421	248	71279	4.450	ng	92
68) Hexachlorobenzene	16.539	284	86781	4.587	ng	99
69) Atrazine	16.686	200	60444	4.046	ng	97
71) Phenanthrene	17.268	178	406647	4.943	ng	99
72) Anthracene	17.357	178	373674	4.563	ng	99
73) Carbazole	17.621	167	341196	4.605	ng	99
74) Di-n-butylphthalate	18.198	149	346654	4.274	ng	99
75) Fluoranthene	19.274	202	395390	4.421	ng	98
78) Pyrene	19.633	202	428758	4.676	ng	100
80) Butylbenzylphthalate	20.533	149	113580	3.757	ng	94
81) Benzo(a)anthracene	21.433	228	430980	4.620	ng	100
83) Chrysene	21.497	228	415885	4.727	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	178701	3.724	ng	98
87) Indeno(1,2,3-cd)pyrene	27.921	276	426152	4.249	ng	95
88) Benzo(b)fluoranthene	23.527	252	384470	4.431	ng	98
89) Benzo(k)fluoranthene	23.591	252	389878	4.330	ng #	97
90) Benzo(a)pyrene	24.344	252	339308	4.177	ng	97
91) Dibenzo(a,h)anthracene	27.991	278	360576	4.269	ng	98
92) Benzo(g,h,i)perylene	28.985	276	349804	4.382	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050378.D
 Acq On : 08 Jul 2025 13:19
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

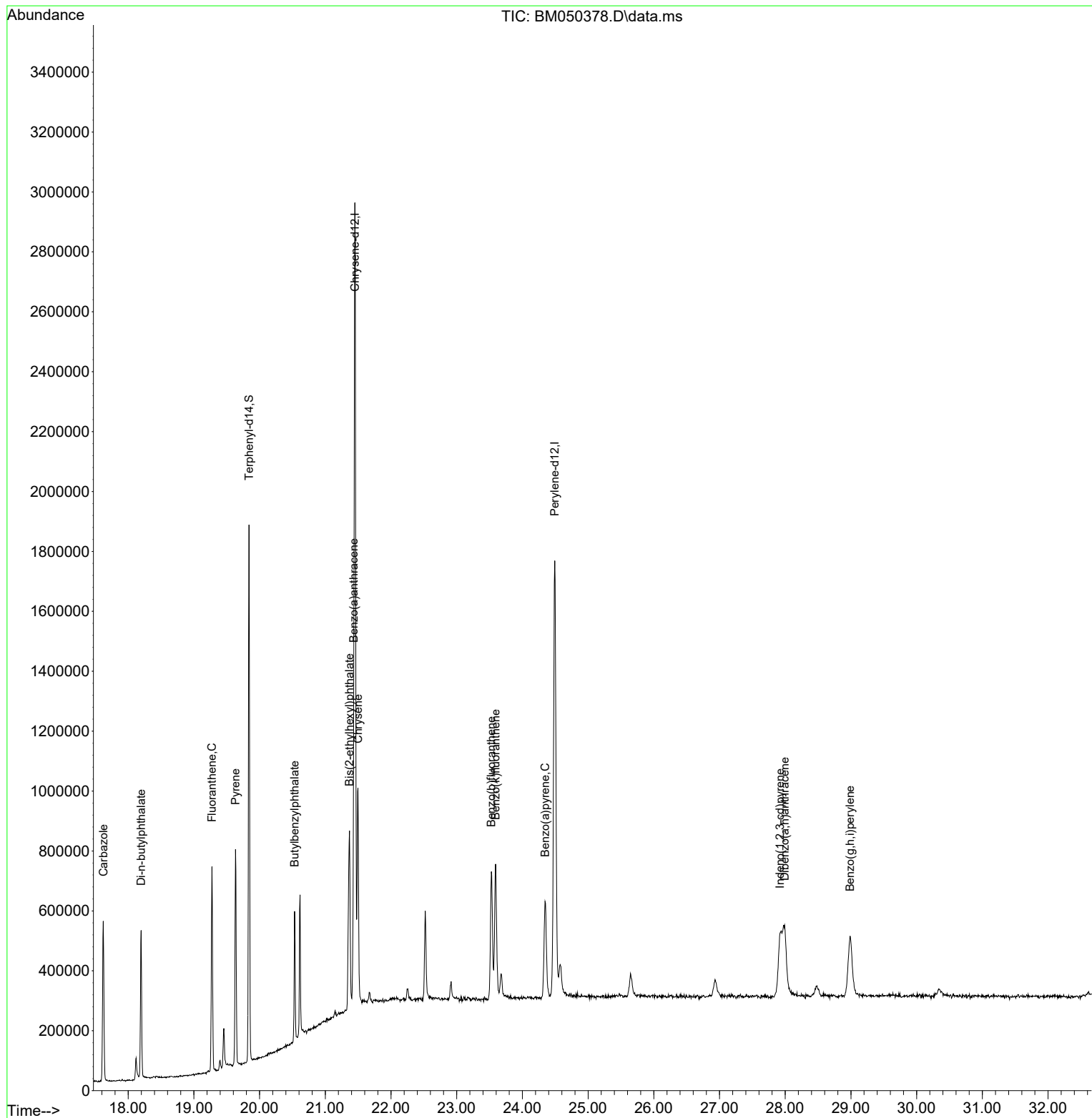
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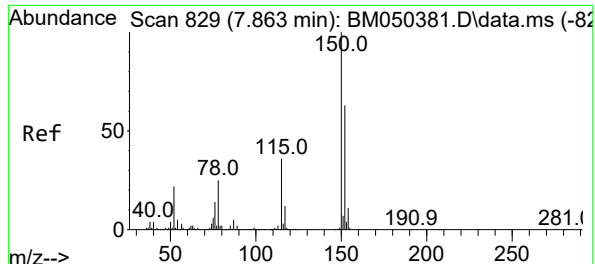


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Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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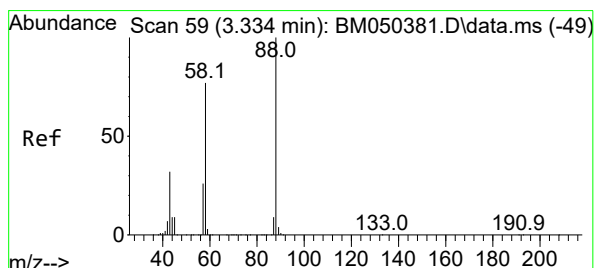
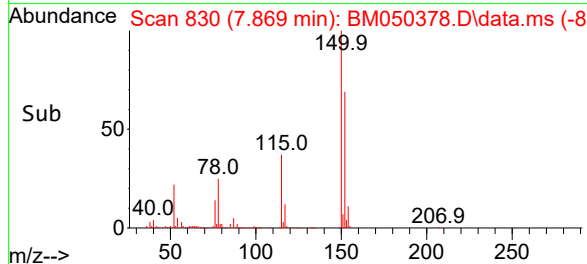
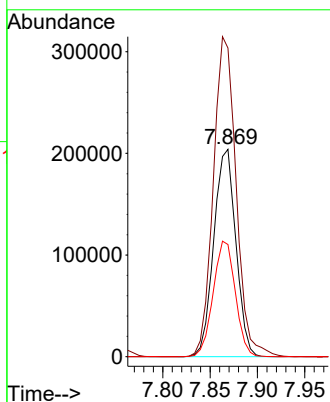
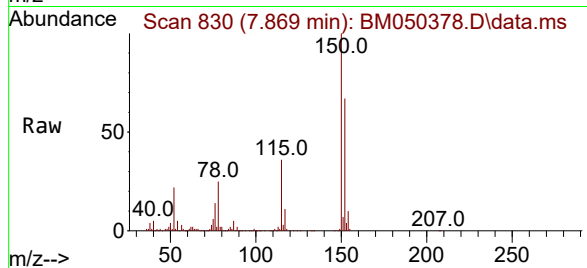




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

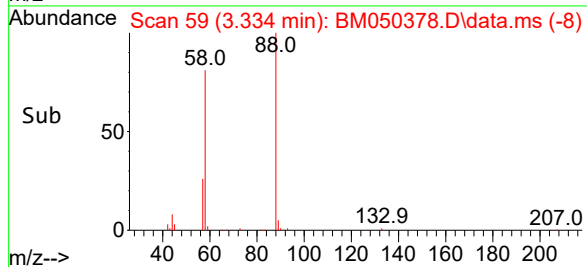
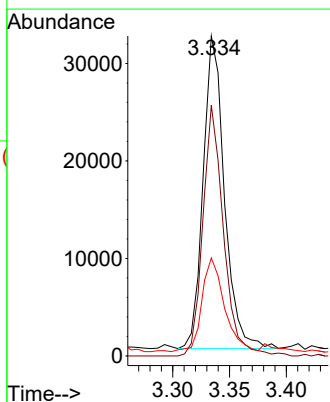
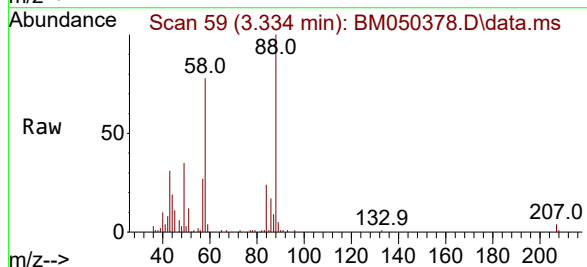
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

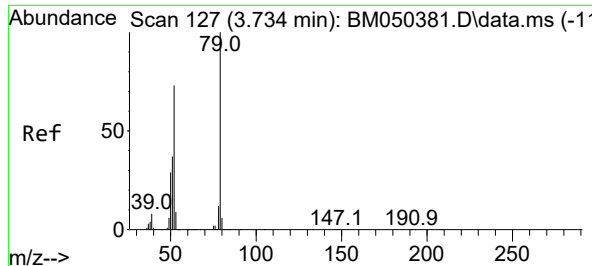
Tgt Ion:152 Resp: 332042
Ion Ratio Lower Upper
152 100
150 148.8 126.2 189.4
115 54.1 45.8 68.8



#2
1,4-Dioxane
Concen: 5.278 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 88 Resp: 41862
Ion Ratio Lower Upper
88 100
58 77.6 61.0 91.6
43 31.5 24.6 37.0

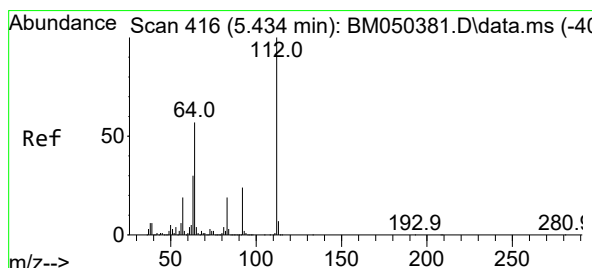
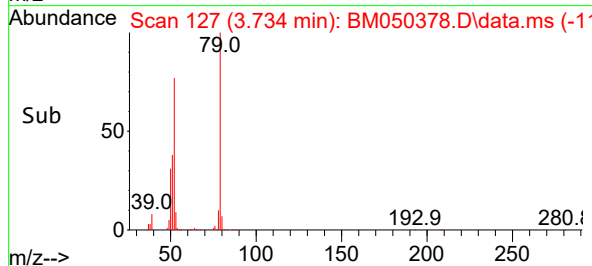
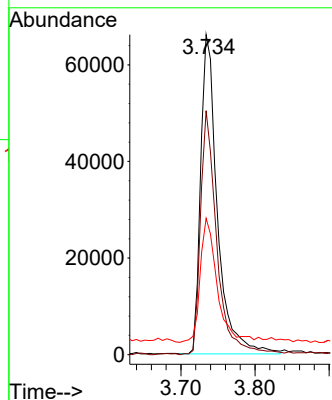
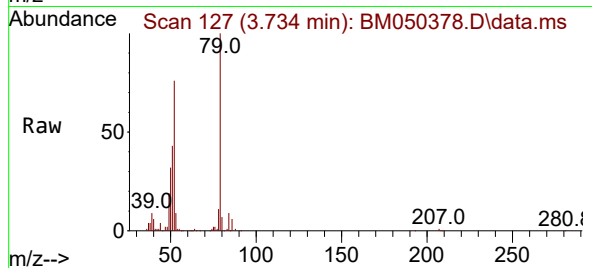




#3
Pyridine
Concen: 4.981 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

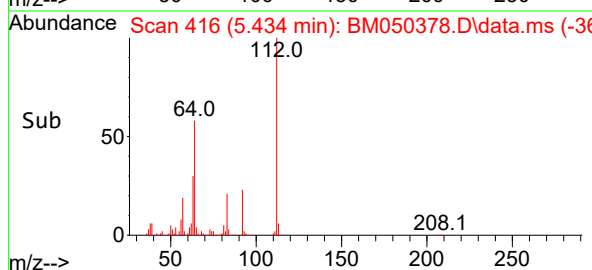
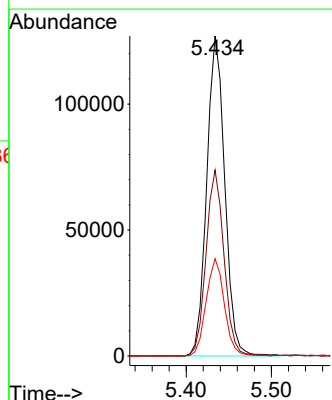
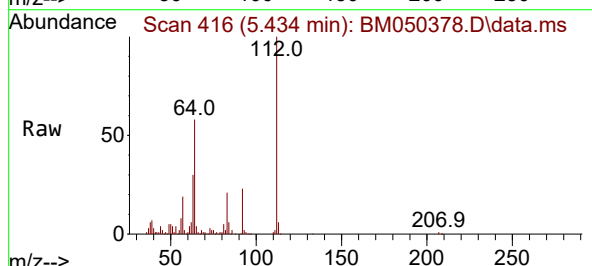
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

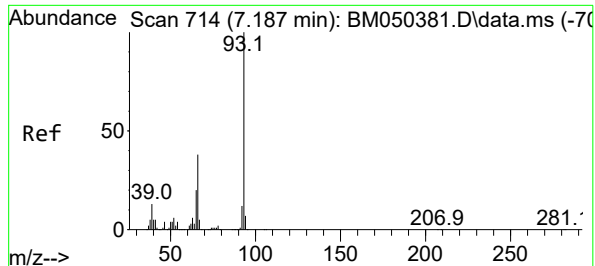
Tgt Ion: 79 Resp: 103718
Ion Ratio Lower Upper
79 100
52 76.3 58.3 87.5
51 42.6 29.6 44.4



#5
2-Fluorophenol
Concen: 9.688 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 112 Resp: 186878
Ion Ratio Lower Upper
112 100
64 58.1 45.5 68.3
63 30.4 24.2 36.4





#6

Aniline

Concen: 4.745 ng

RT: 7.187 min Scan# 714

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

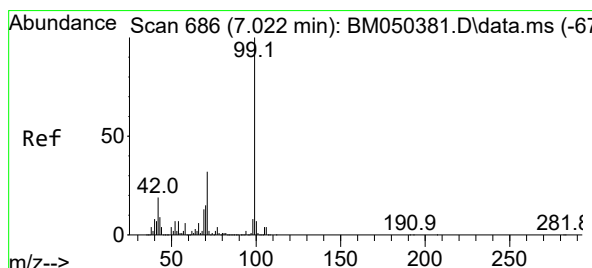
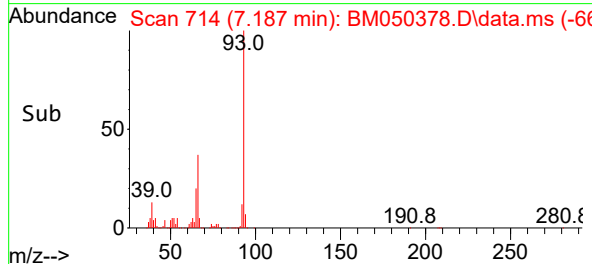
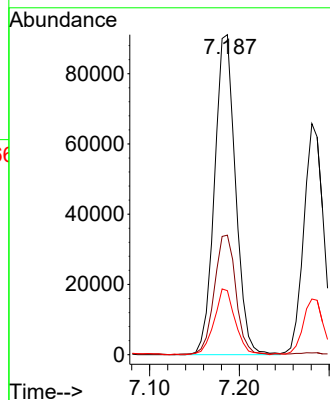
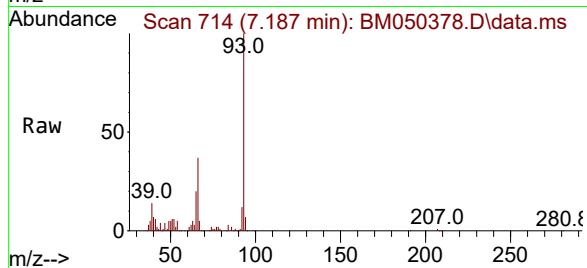
Tgt Ion: 93 Resp: 148080

Ion Ratio Lower Upper

93 100

66 37.4 30.5 45.7

65 20.0 15.9 23.9



#7

Phenol-d6

Concen: 9.333 ng

RT: 7.016 min Scan# 685

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

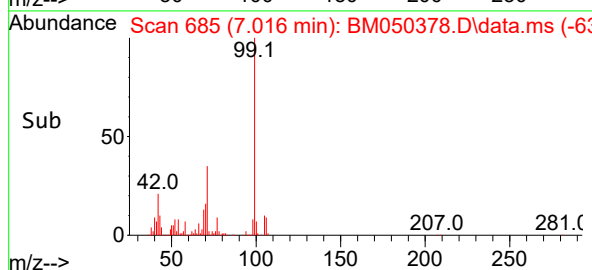
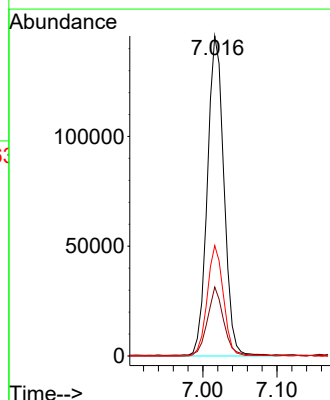
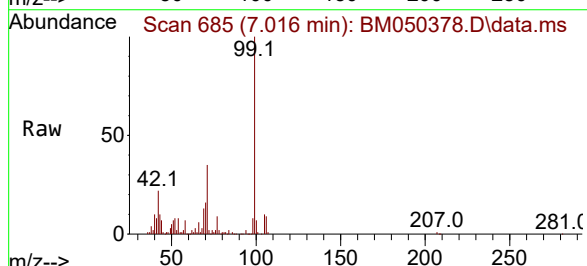
Tgt Ion: 99 Resp: 226950

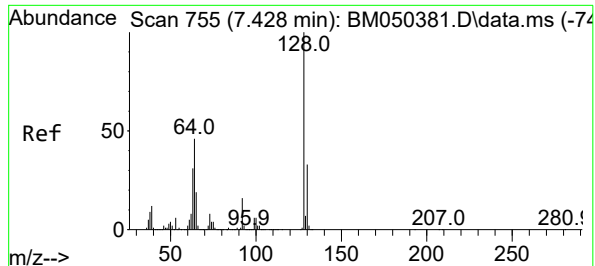
Ion Ratio Lower Upper

99 100

42 21.6 15.0 22.6

71 34.5 25.9 38.9

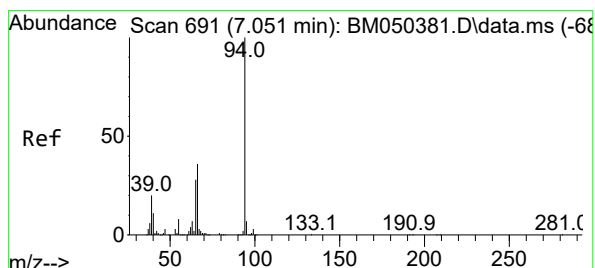
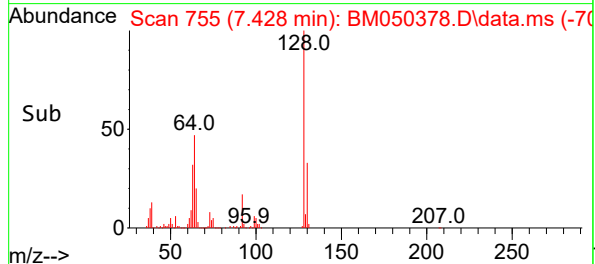
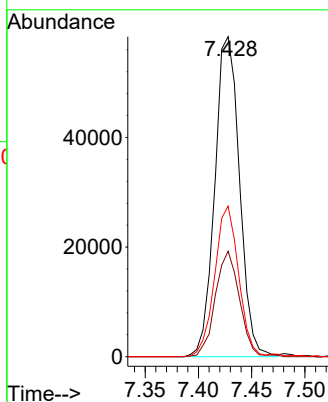
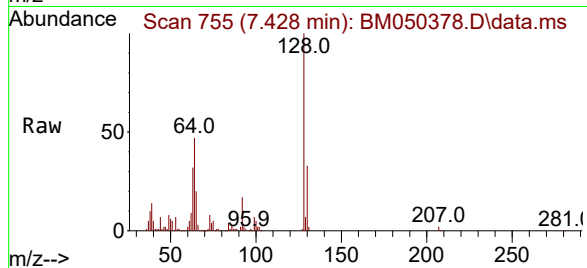




#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

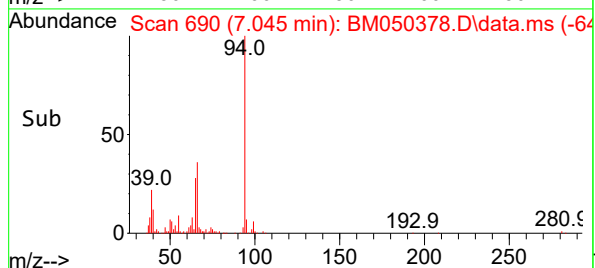
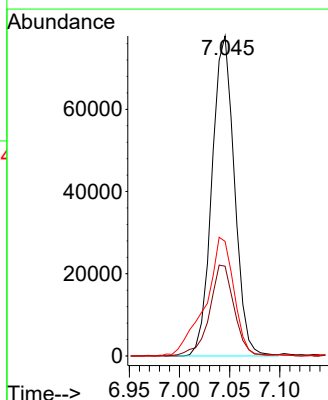
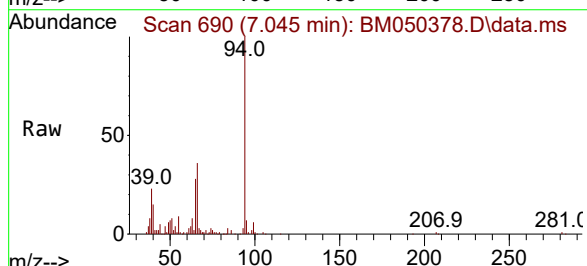
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

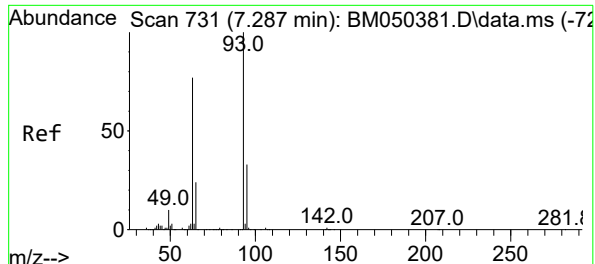
Tgt Ion:128 Resp: 94226
Ion Ratio Lower Upper
128 100
130 33.0 13.3 53.3
64 47.1 25.6 65.6



#10
Phenol
Concen: 4.778 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 94 Resp: 121196
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 35.8 15.8 55.8

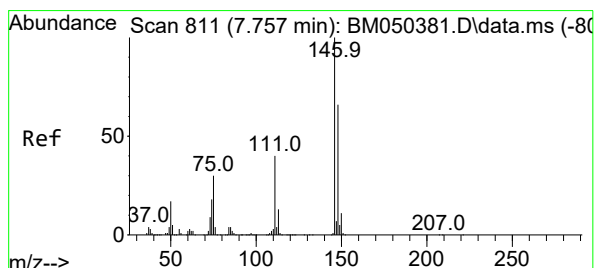
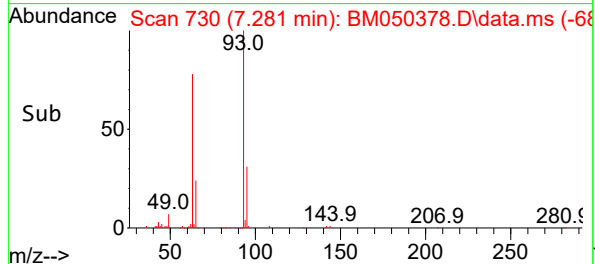
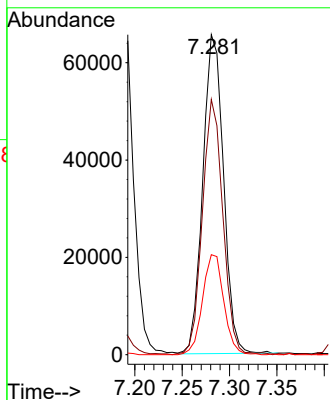
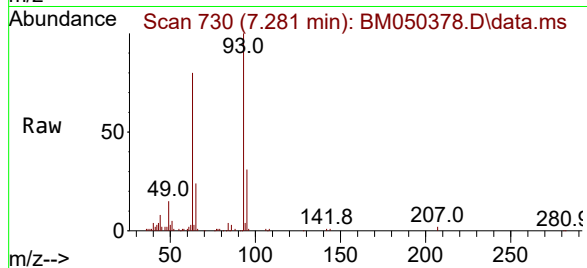




#11
bis(2-Chloroethyl)ether
Concen: 4.912 ng
RT: 7.281 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

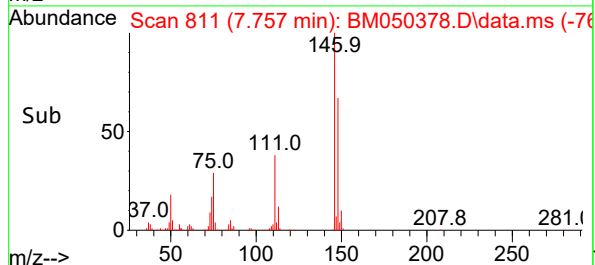
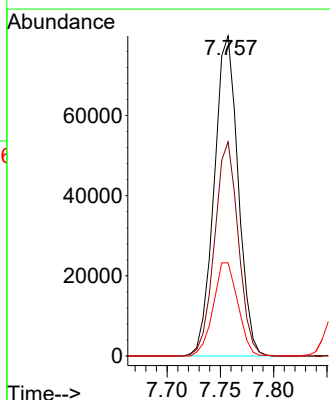
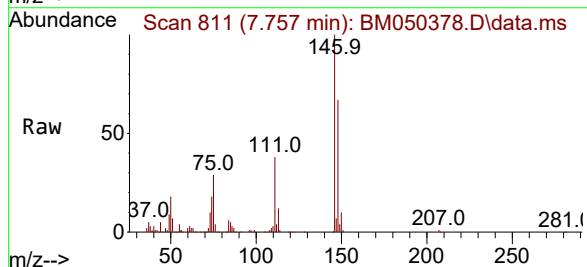
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ClientSampleId :
SSTDICC005

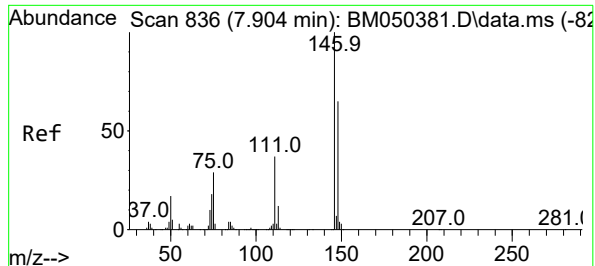
Tgt Ion: 93 Resp: 99772
Ion Ratio Lower Upper
93 100
63 79.7 56.9 96.9
95 31.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 5.049 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 124875
Ion Ratio Lower Upper
146 100
148 66.9 53.2 79.8
75 29.1 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 5.103 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

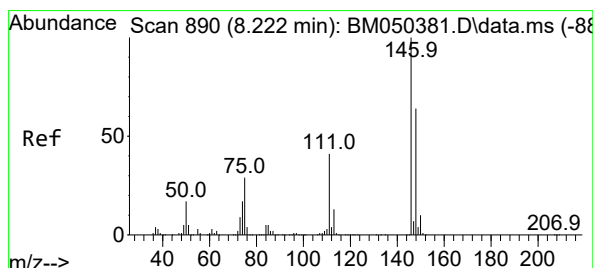
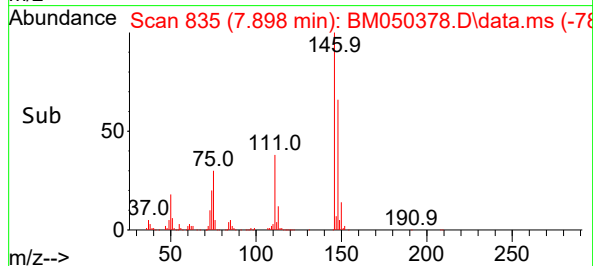
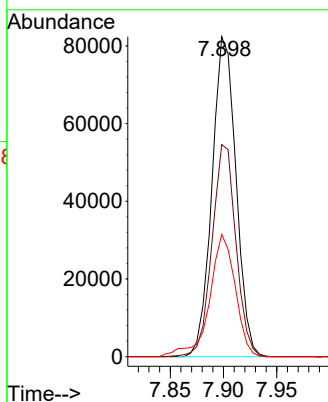
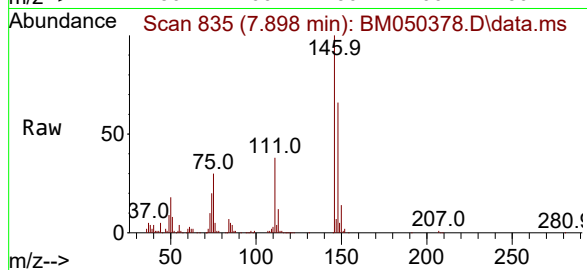
Tgt Ion:146 Resp: 128887

Ion Ratio Lower Upper

146 100

148 66.3 51.9 77.9

111 38.2 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 5.086 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

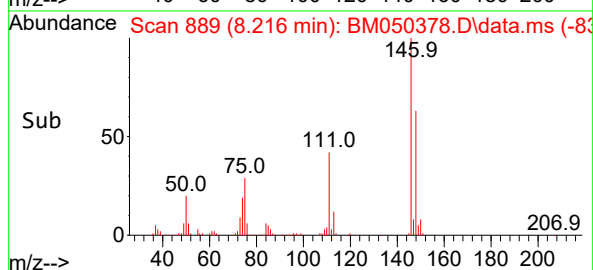
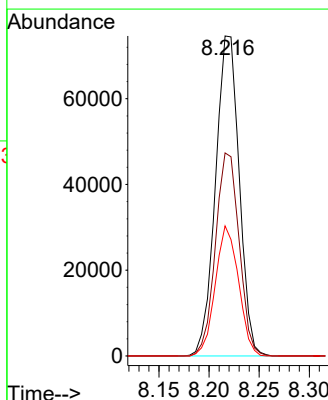
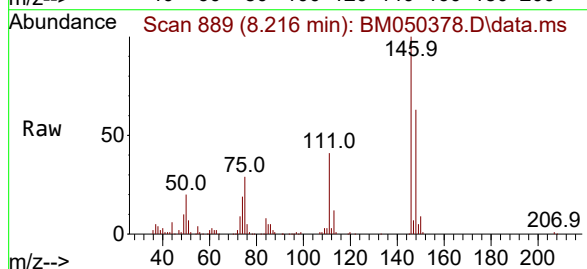
Tgt Ion:146 Resp: 122972

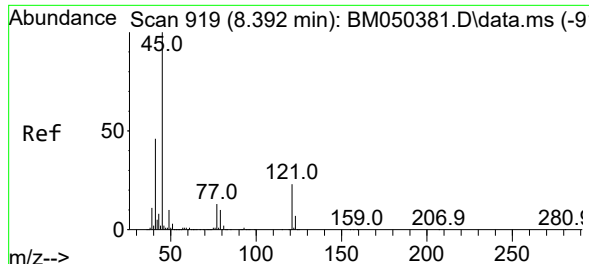
Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 40.7 32.6 49.0

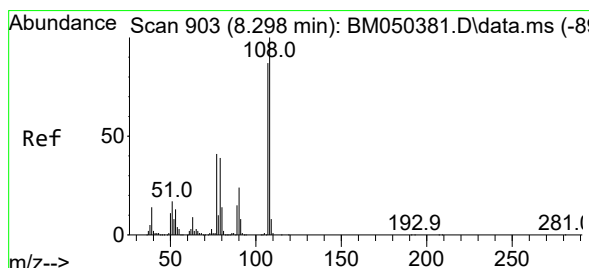
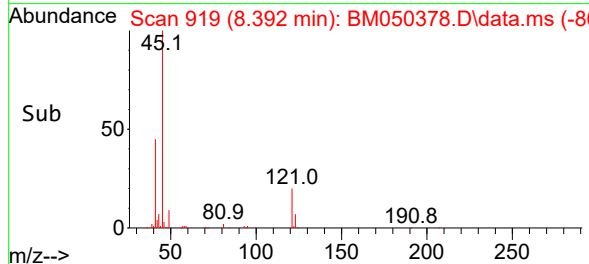
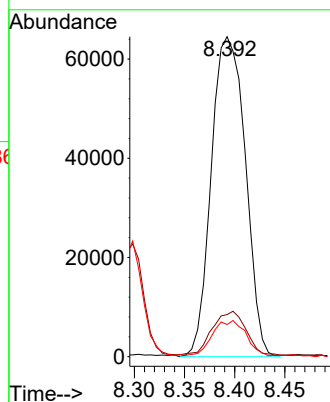
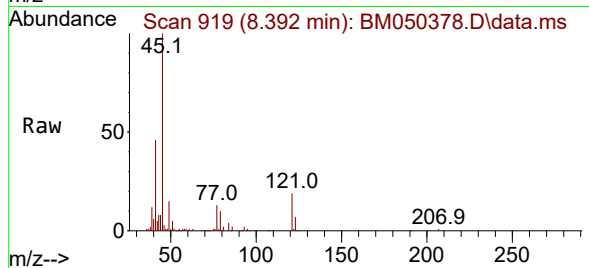




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.092 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

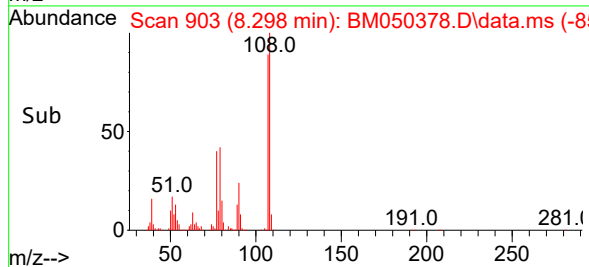
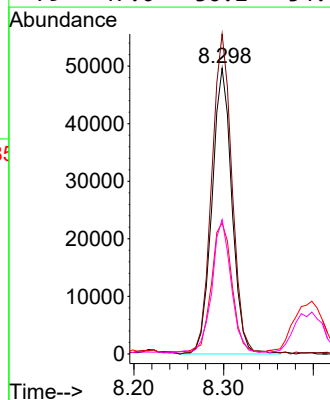
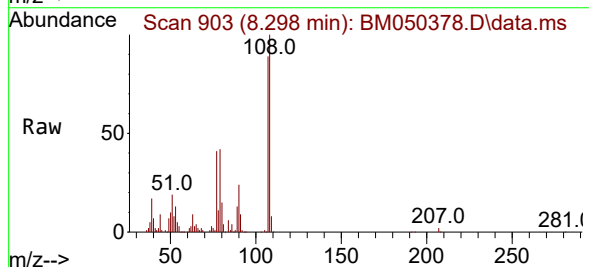
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

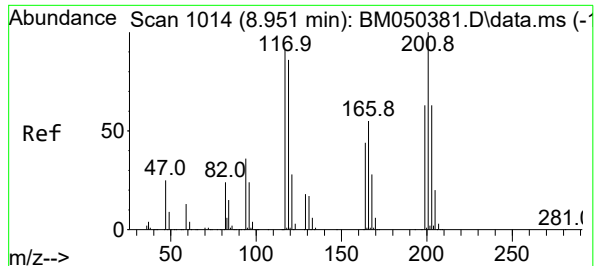
Tgt Ion:	45	Resp:	152357
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	33.5
79	10.1	0.0	30.3



#17
2-Methylphenol
Concen: 4.655 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:	107	Resp:	76571
Ion Ratio	Lower	Upper	
107	100		
108	112.0	92.1	138.1
77	45.8	38.2	57.4
79	47.0	36.2	54.4

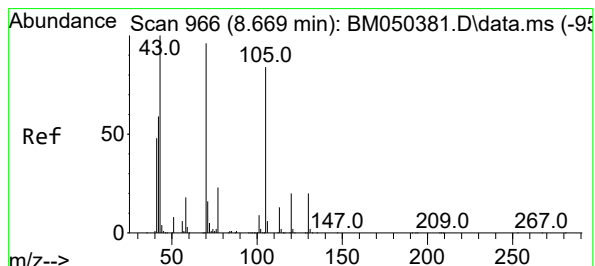
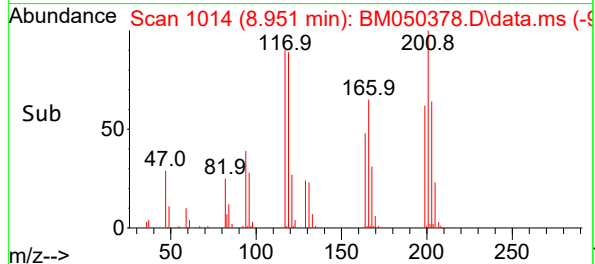
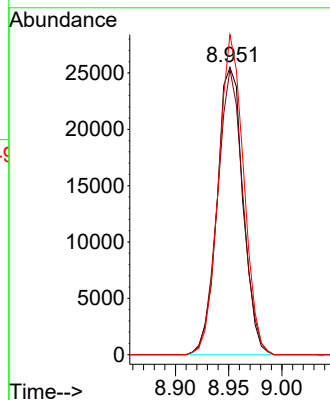
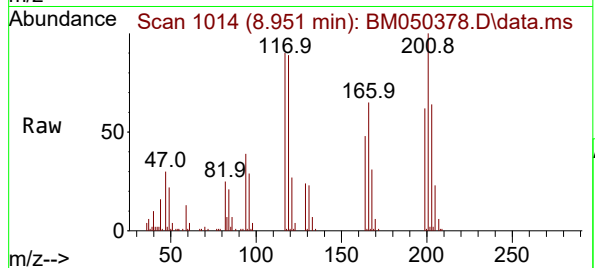




#18
Hexachloroethane
Concen: 4.840 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

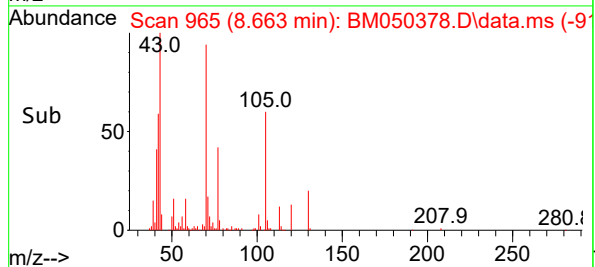
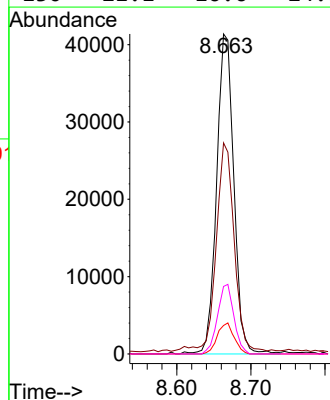
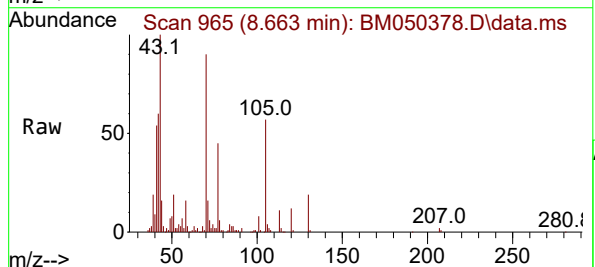
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

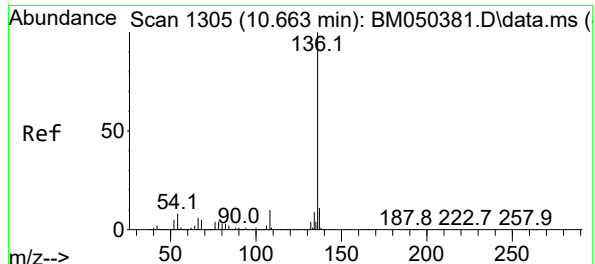
Tgt Ion:117 Resp: 42990
Ion Ratio Lower Upper
117 100
119 99.2 75.6 113.4
201 111.4 87.9 131.9



#19
n-Nitroso-di-n-propylamine
Concen: 4.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 70 Resp: 66842
Ion Ratio Lower Upper
70 100
42 66.0 49.7 74.5
101 8.9 7.7 11.5
130 21.1 16.6 24.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 1221582

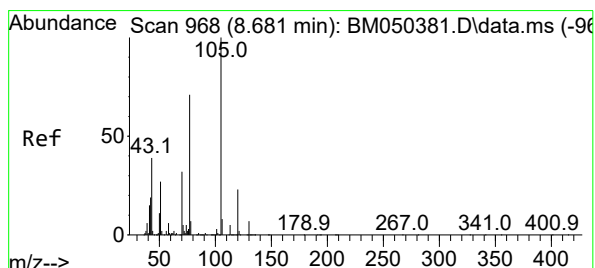
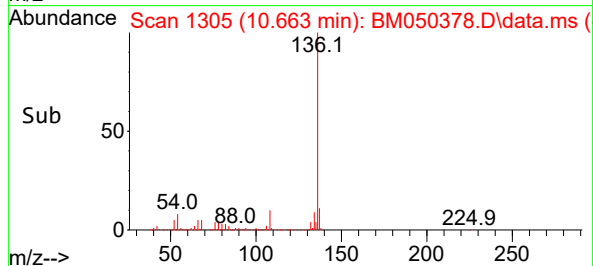
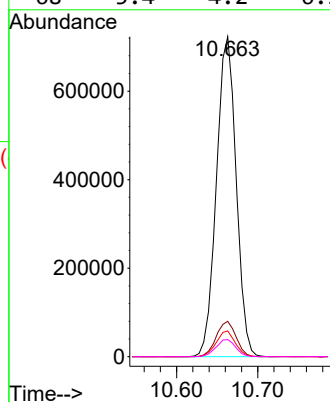
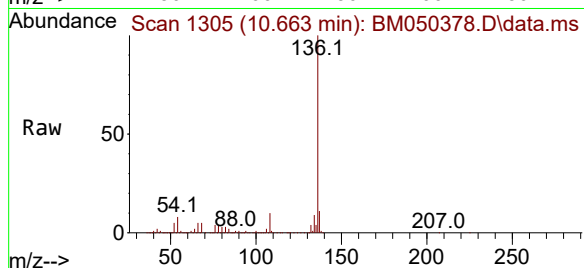
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.0 6.3 9.5

68 5.4 4.2 6.2



#22

Acetophenone

Concen: 4.927 ng

RT: 8.681 min Scan# 968

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion:105 Resp: 150473

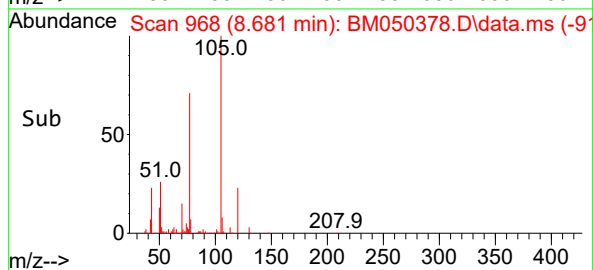
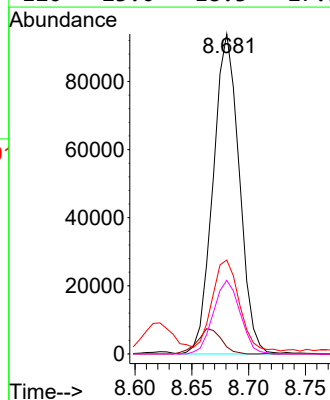
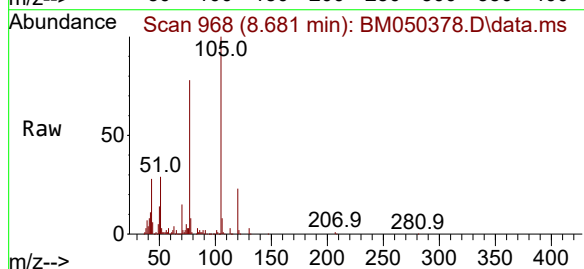
Ion Ratio Lower Upper

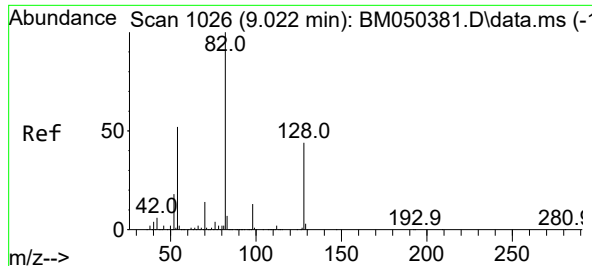
105 100

71 2.2 4.4 6.6

51 29.3 23.0 34.6

120 23.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 9.234 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

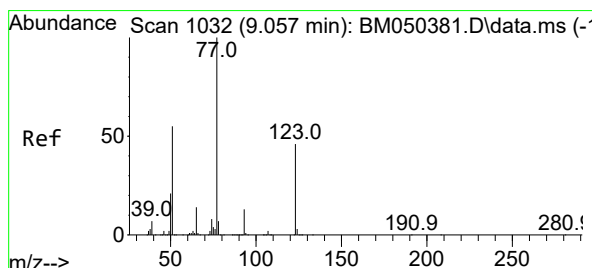
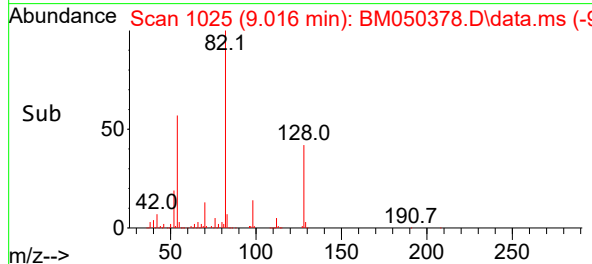
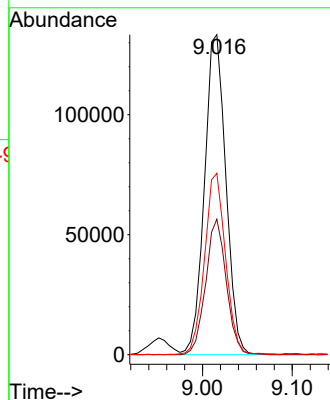
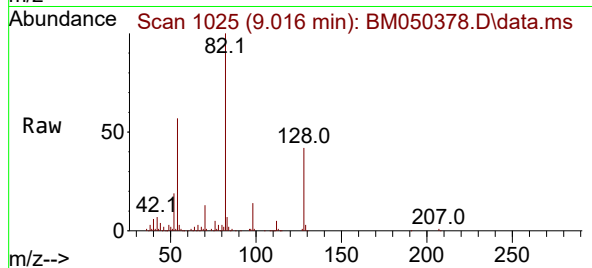
Tgt Ion: 82 Resp: 221107

Ion Ratio Lower Upper

82 100

128 42.3 35.2 52.8

54 56.7 41.5 62.3



#24

Nitrobenzene

Concen: 4.758 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

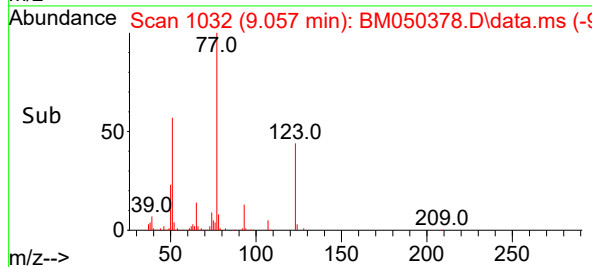
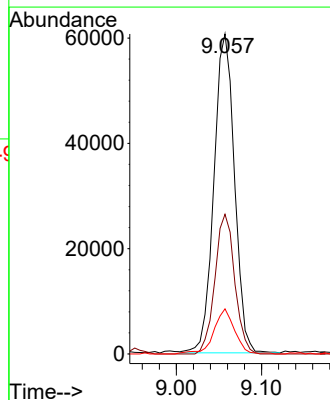
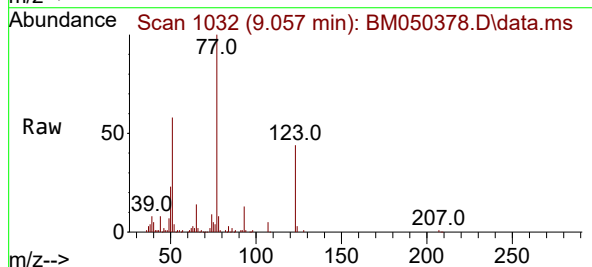
Tgt Ion: 77 Resp: 101661

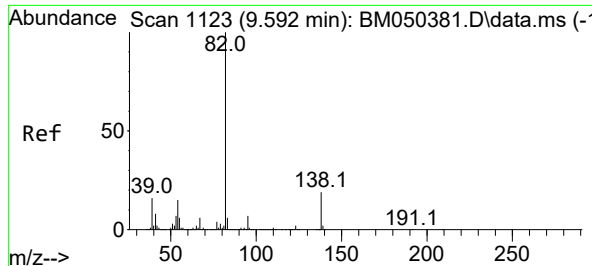
Ion Ratio Lower Upper

77 100

123 43.7 37.0 55.6

65 14.1 11.0 16.4

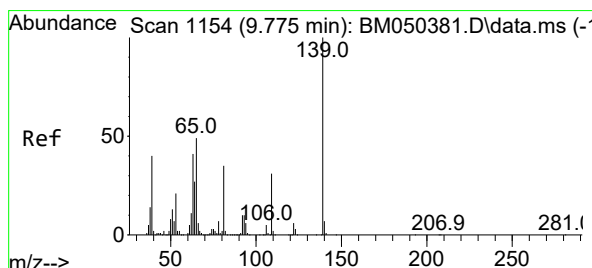
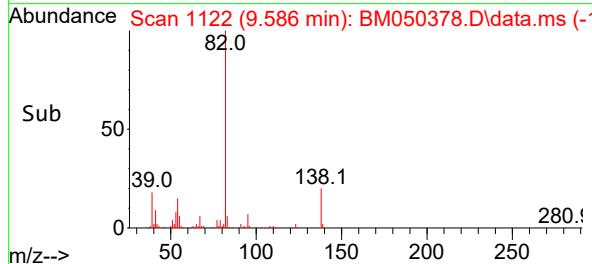
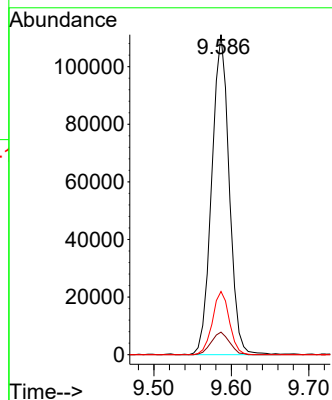
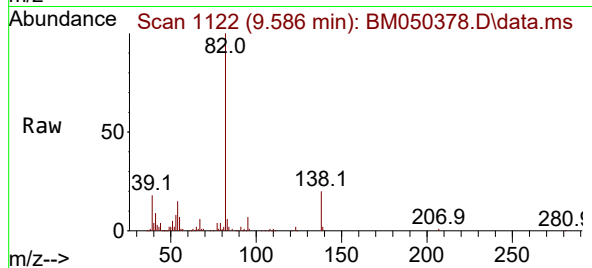




#25
Isophorone
Concen: 4.488 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

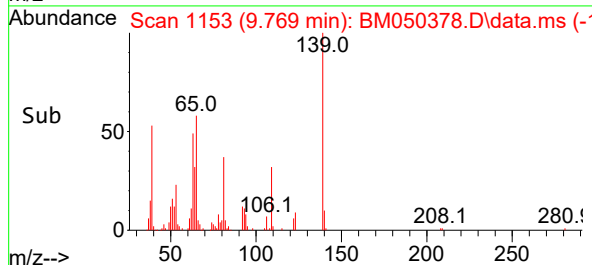
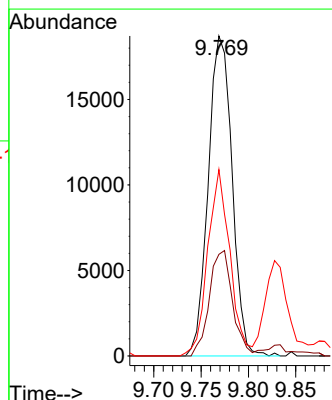
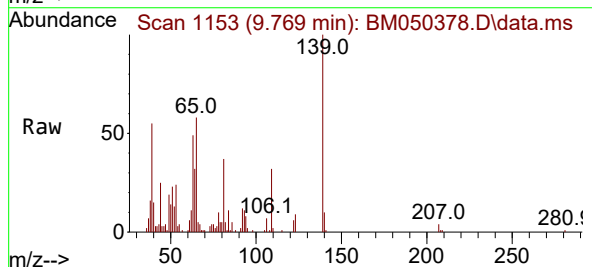
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

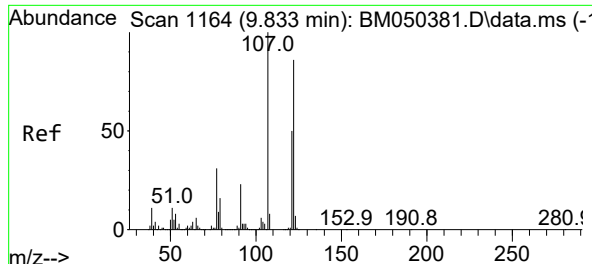
Tgt Ion: 82 Resp: 174388
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 3.767 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 139 Resp: 32805
Ion Ratio Lower Upper
139 100
109 31.8 24.6 36.8
65 58.3 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 4.858 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

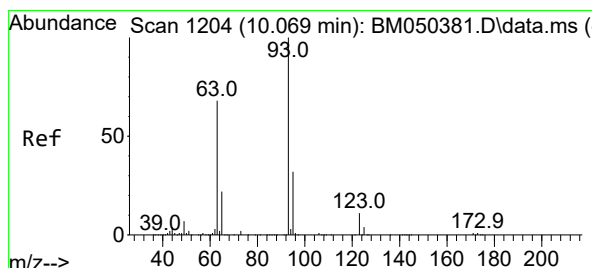
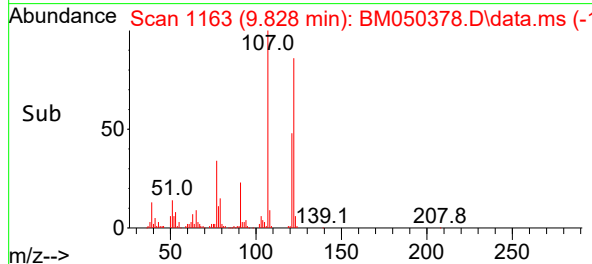
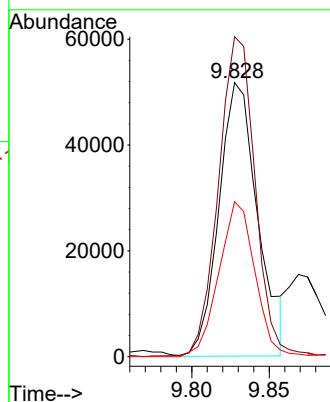
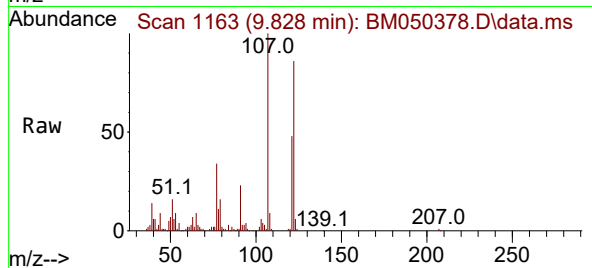
Tgt Ion:122 Resp: 90013

Ion Ratio Lower Upper

122 100

107 116.8 93.0 139.6

121 56.5 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.822 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

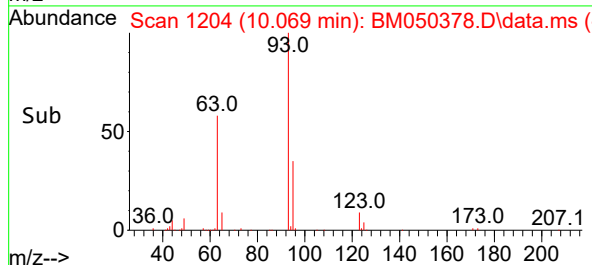
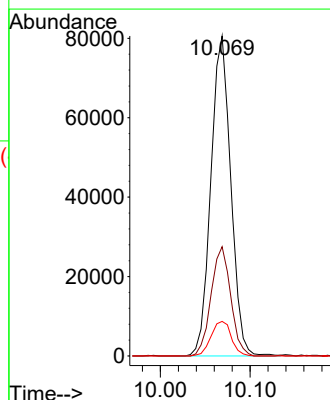
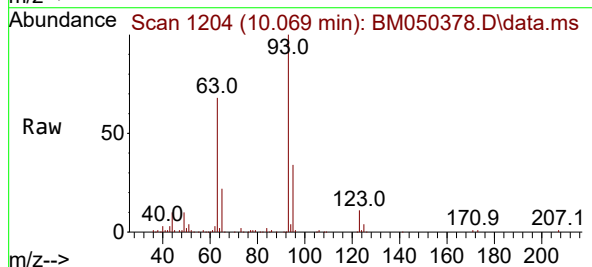
Tgt Ion: 93 Resp: 124150

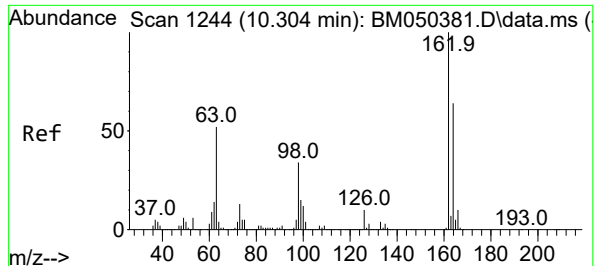
Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.6

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.438 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

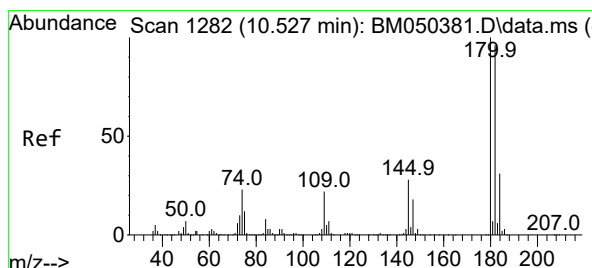
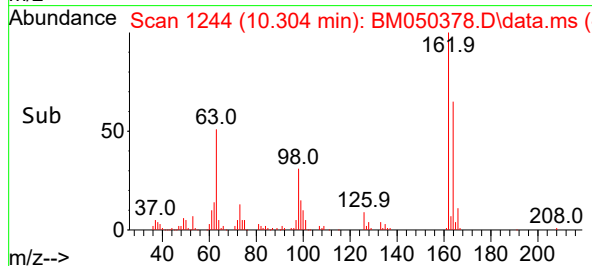
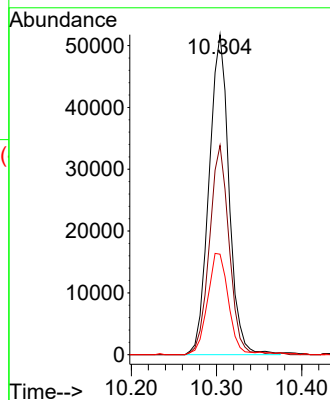
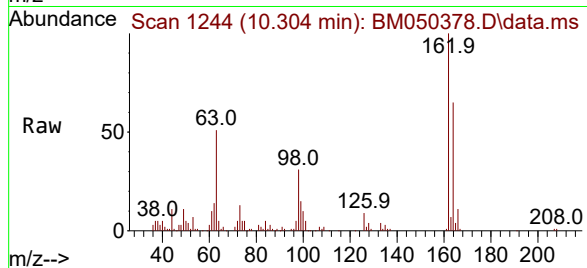
Tgt Ion:162 Resp: 84485

Ion Ratio Lower Upper

162 100

164 65.4 43.7 83.7

98 31.4 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 4.958 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

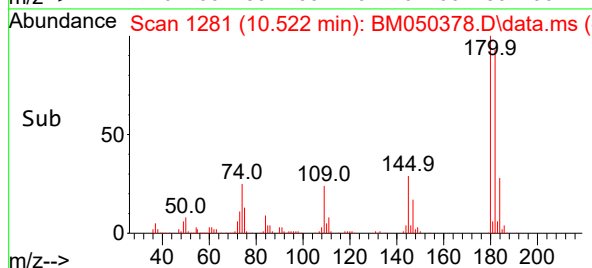
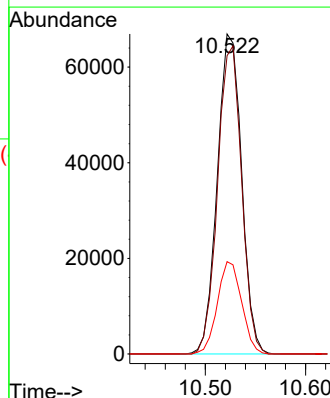
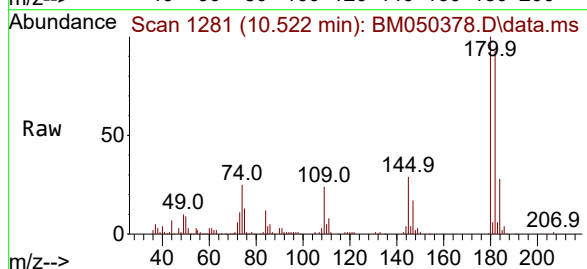
Tgt Ion:180 Resp: 112916

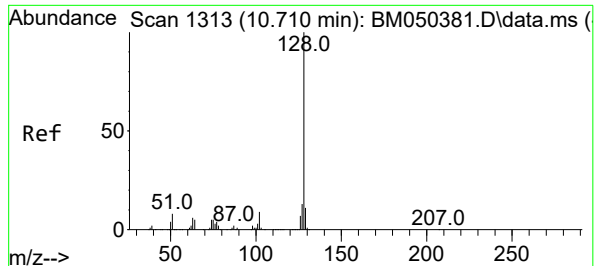
Ion Ratio Lower Upper

180 100

182 93.2 76.8 115.2

145 28.8 22.6 33.8

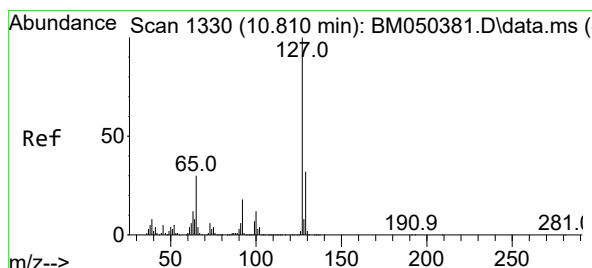
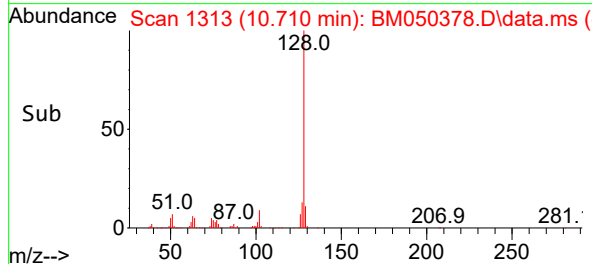
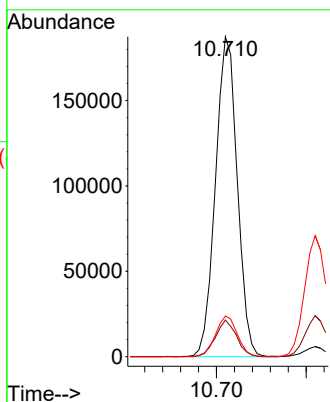
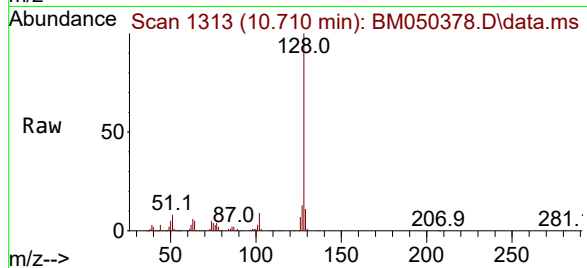




#31
Naphthalene
Concen: 5.086 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

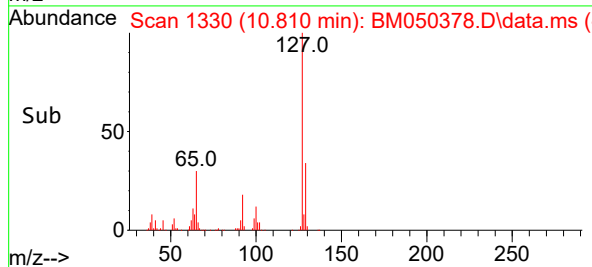
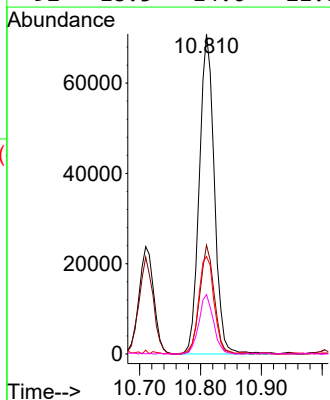
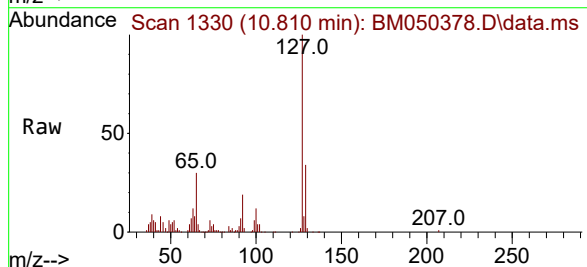
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

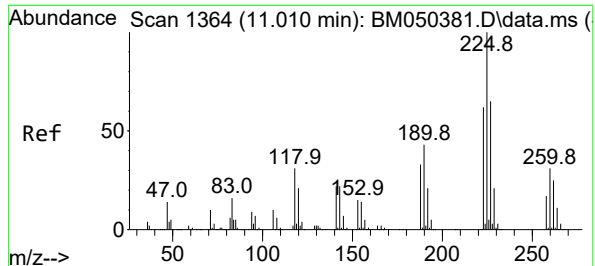
Tgt Ion:128 Resp: 315550
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.7 10.4 15.6



#33
4-Chloroaniline
Concen: 4.635 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:127 Resp: 121575
Ion Ratio Lower Upper
127 100
129 34.0 25.5 38.3
65 30.4 23.9 35.9
92 18.5 14.6 21.8

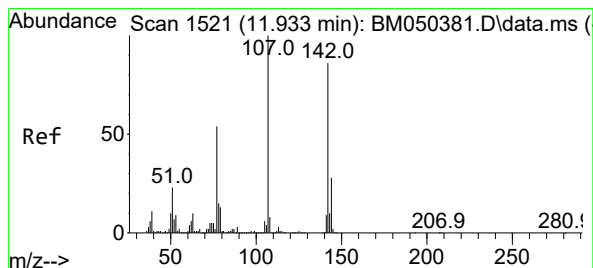
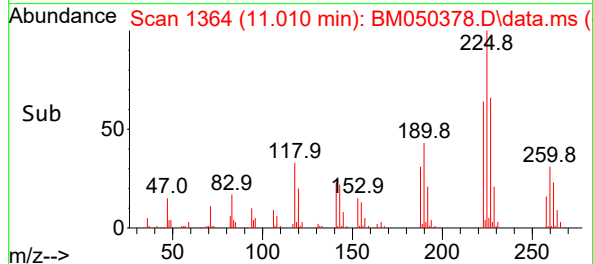
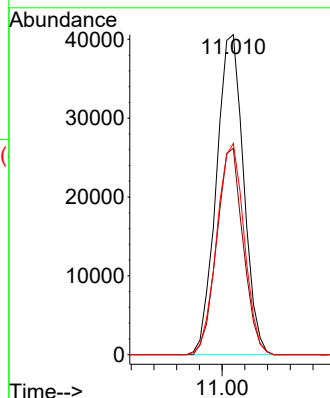
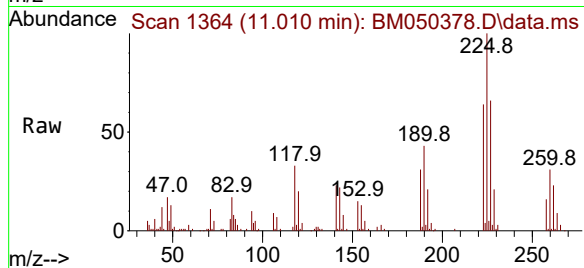




#34
Hexachlorobutadiene
Concen: 4.870 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

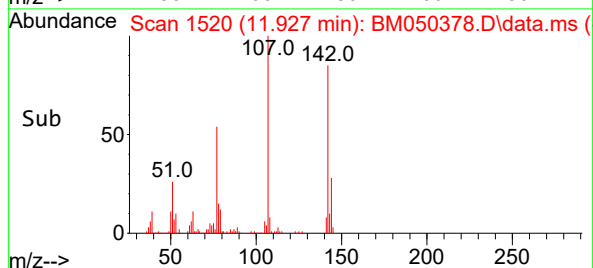
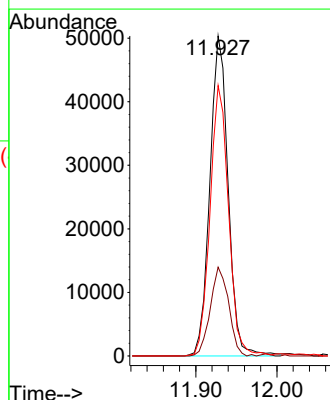
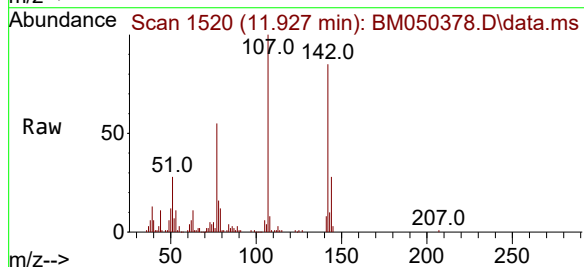
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

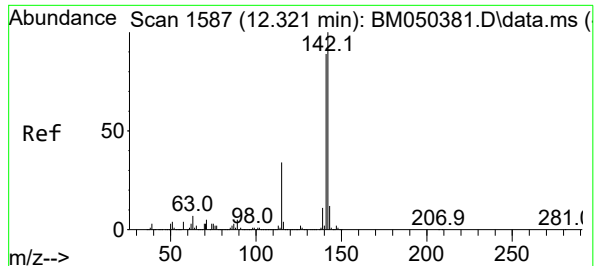
Tgt Ion:225 Resp: 67689
Ion Ratio Lower Upper
225 100
223 64.5 49.7 74.5
227 66.0 52.1 78.1



#36
4-Chloro-3-methylphenol
Concen: 4.428 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 78716
Ion Ratio Lower Upper
107 100
144 27.7 22.2 33.4
142 84.5 68.7 103.1

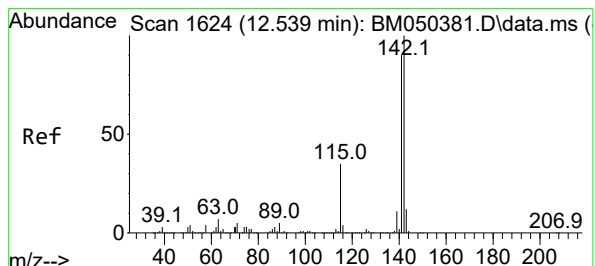
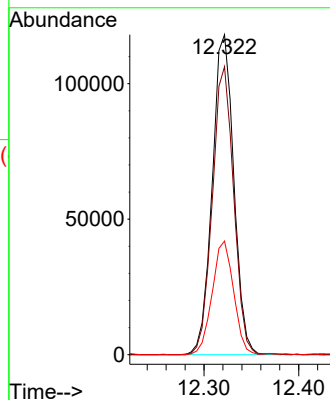
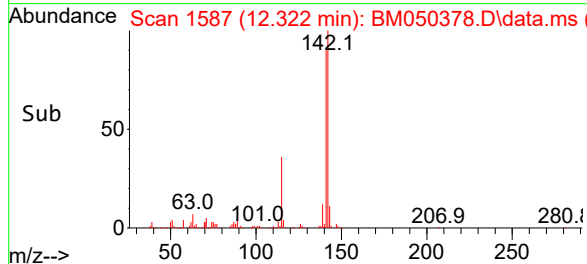
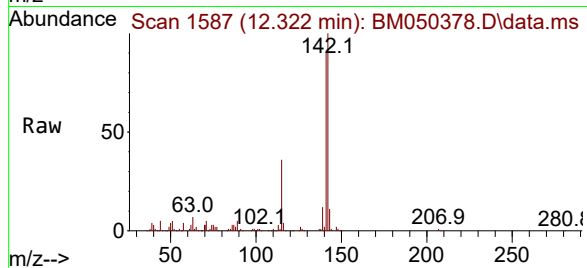




#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

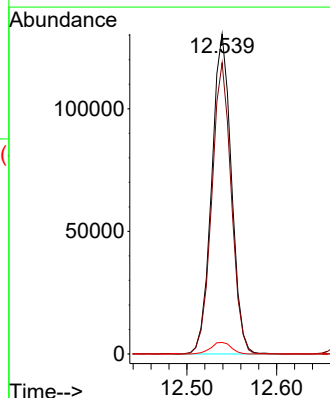
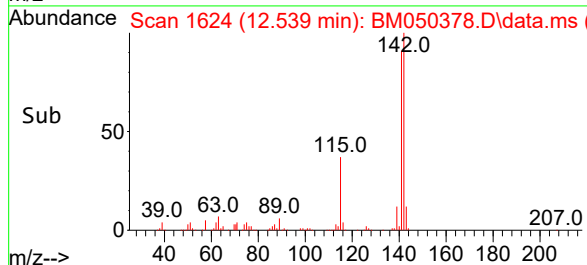
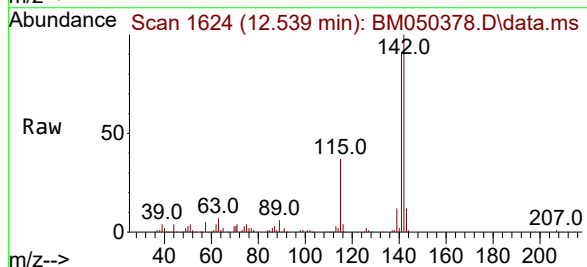
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

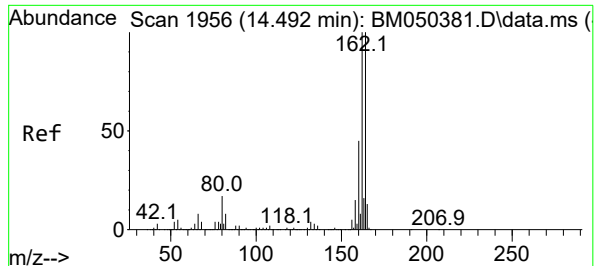
Tgt Ion:142 Resp: 186482
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 35.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 4.796 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:142 Resp: 198866
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

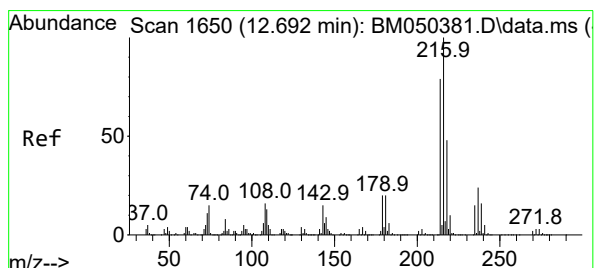
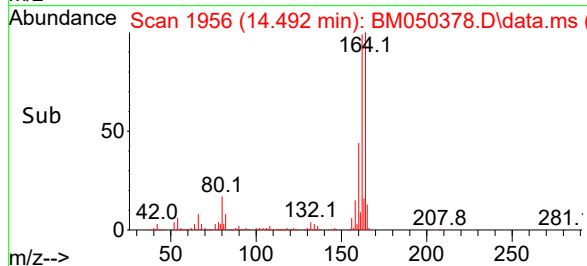
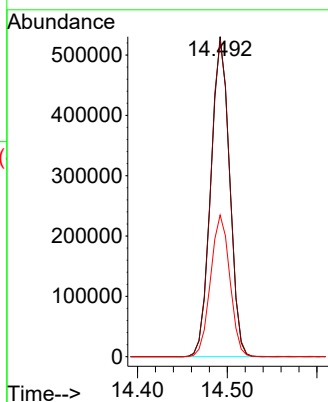
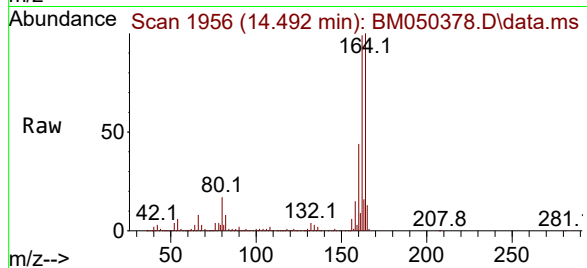
Tgt Ion:164 Resp: 768894

Ion	Ratio	Lower	Upper

164	100		

162	98.7	79.9	119.9

160	44.3	36.2	54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.642 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion:216 Resp: 113496

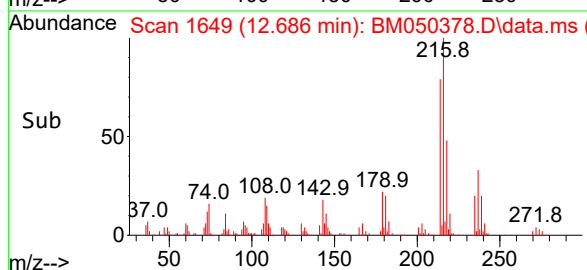
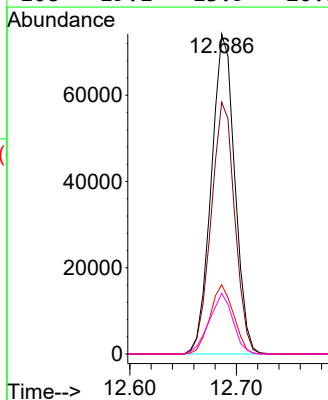
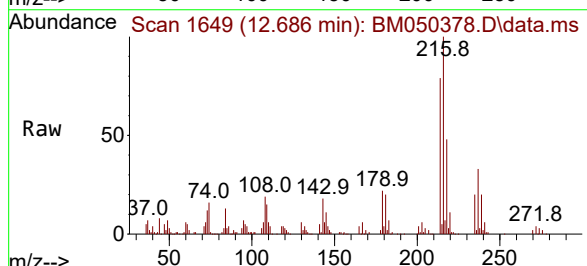
Ion	Ratio	Lower	Upper

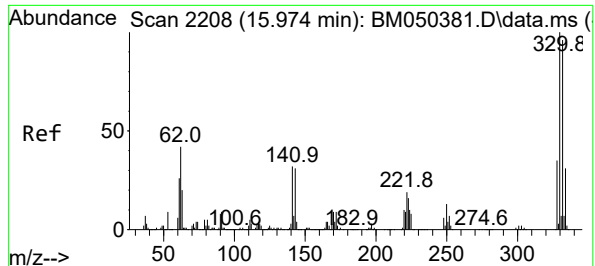
216	100		

214	79.3	63.3	94.9

179	21.7	16.4	24.6

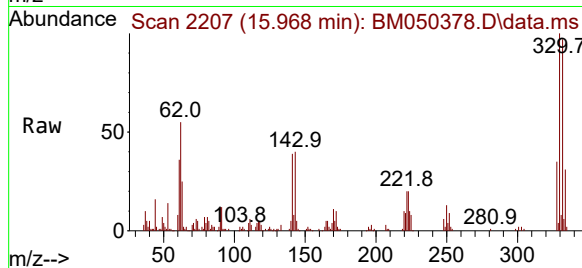
108	19.1	13.9	20.9



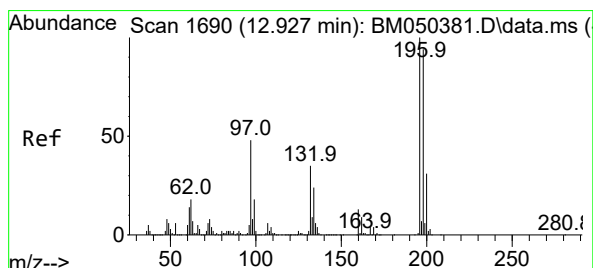
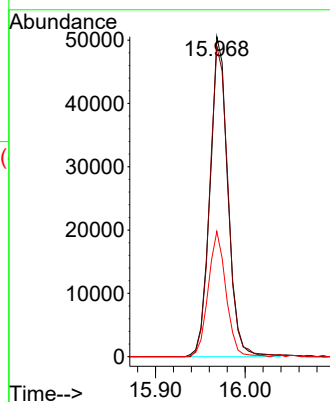
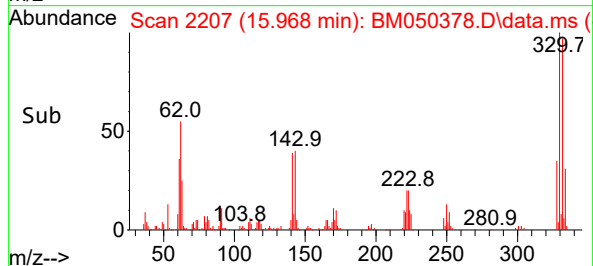


#42
2,4,6-Tribromophenol
Concen: 7.485 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

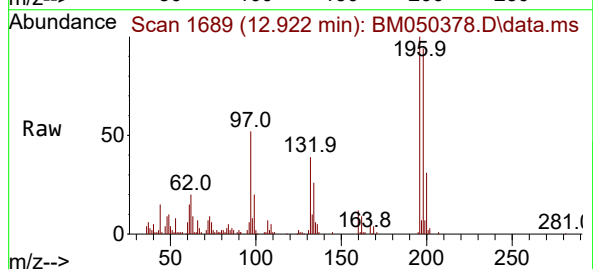
Instrument :
BNA_M
ClientSampleId :
SSTDICC005



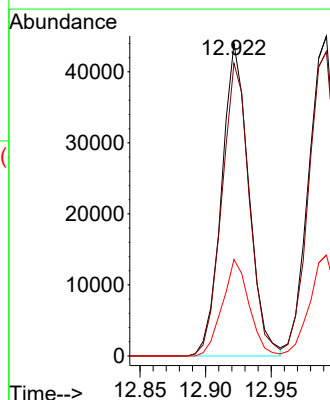
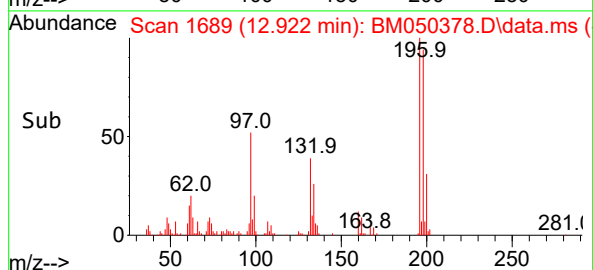
Tgt Ion:330 Resp: 69925
Ion Ratio Lower Upper
330 100
332 99.4 76.9 115.3
141 38.9 27.4 41.0

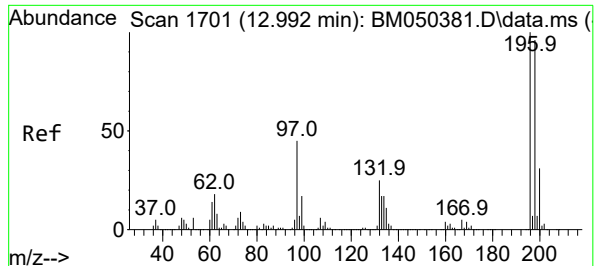


#43
2,4,6-Trichlorophenol
Concen: 4.221 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19



Tgt Ion:196 Resp: 63524
Ion Ratio Lower Upper
196 100
198 93.6 75.1 112.7
200 30.8 24.6 37.0

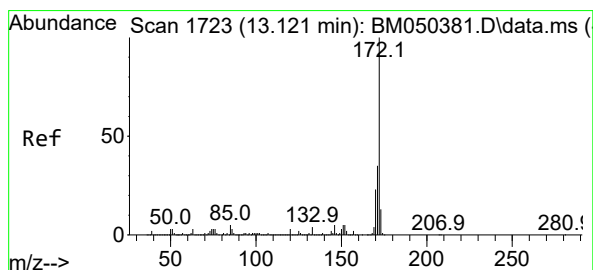
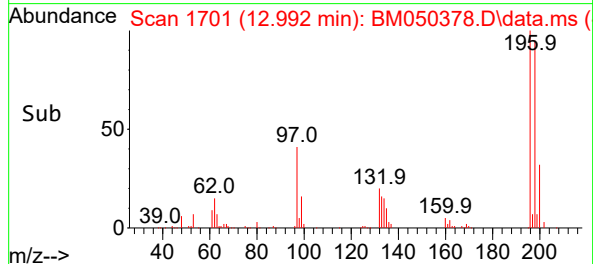
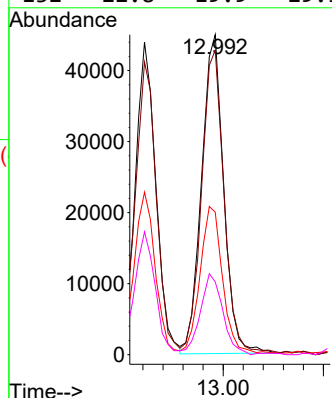
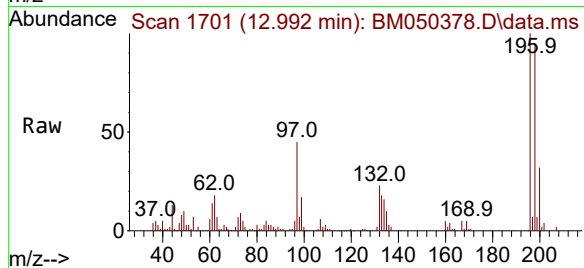




#44
2,4,5-Trichlorophenol
Concen: 4.195 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

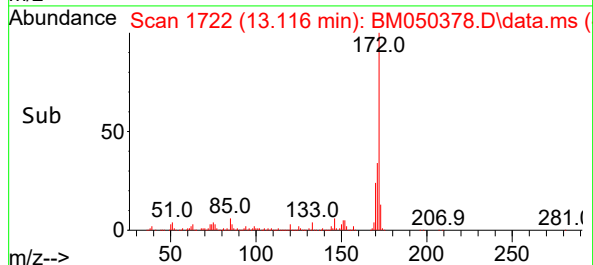
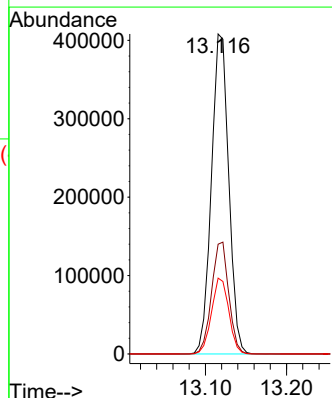
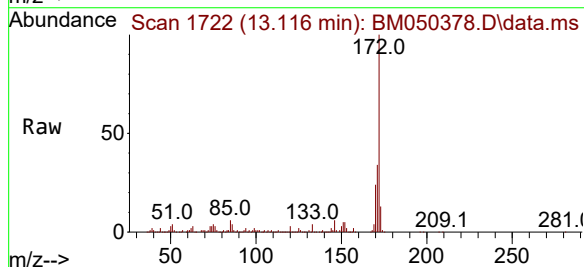
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

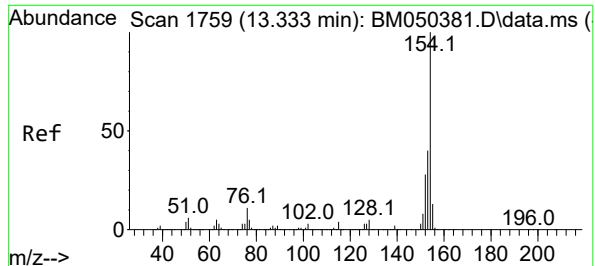
Tgt Ion:196	Resp:	68958
Ion Ratio	Lower	Upper
196	100	
198	95.2	77.2 115.8
97	44.6	36.2 54.4
132	22.8	19.9 29.9



#45
2-Fluorobiphenyl
Concen: 9.705 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:172	Resp:	604282
Ion Ratio	Lower	Upper
172	100	
171	34.3	27.7 41.5
170	23.7	18.8 28.2





#46

1,1'-Biphenyl

Concen: 4.934 ng

RT: 13.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

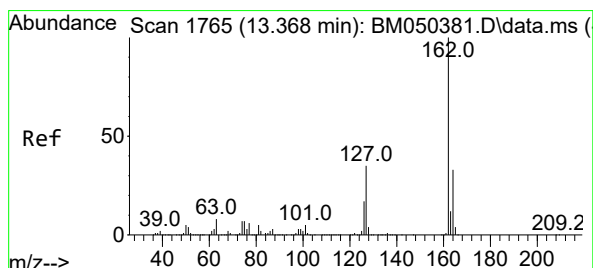
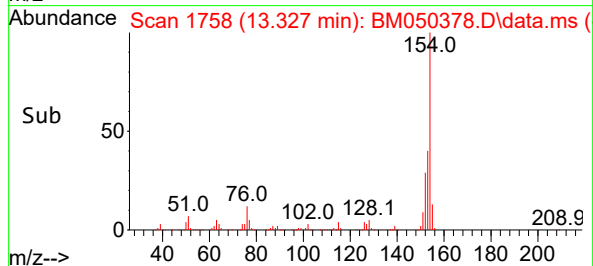
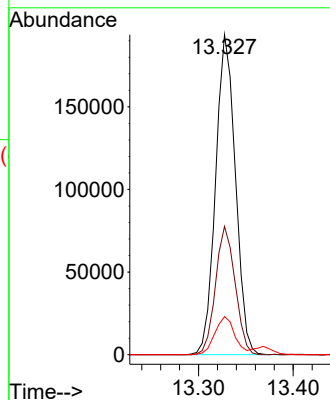
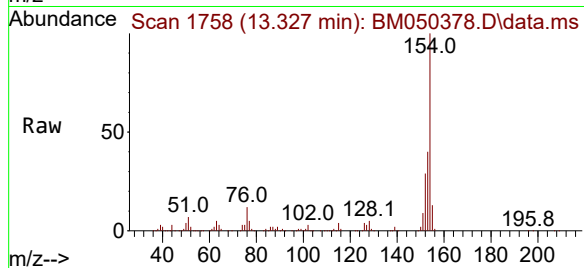
Tgt Ion:154 Resp: 281496

Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 11.9 0.0 30.9



#47

2-Chloronaphthalene

Concen: 4.918 ng

RT: 13.369 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

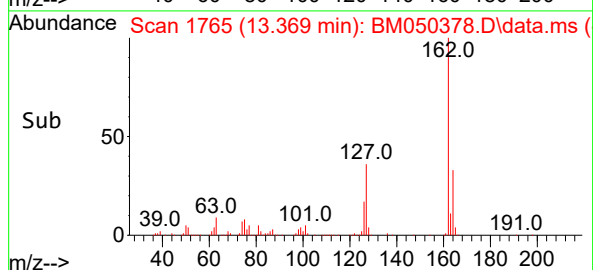
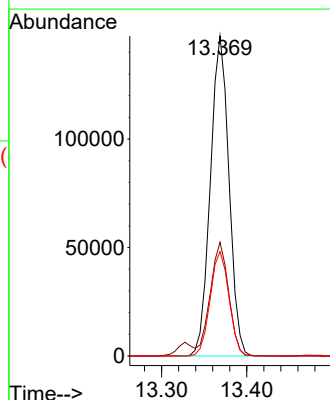
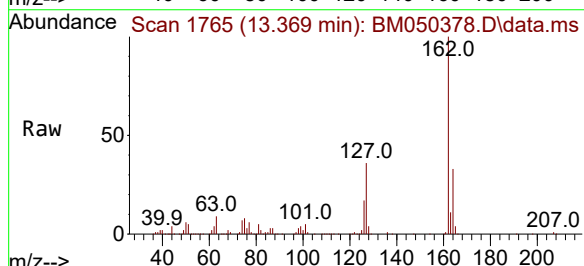
Tgt Ion:162 Resp: 223672

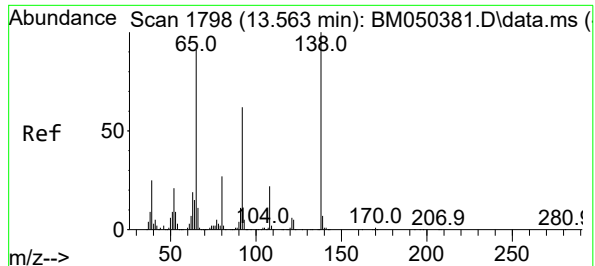
Ion Ratio Lower Upper

162 100

127 35.5 28.3 42.5

164 32.6 26.6 40.0

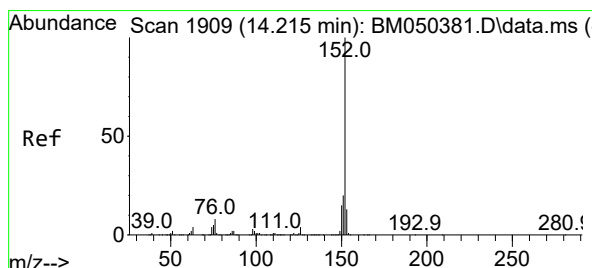
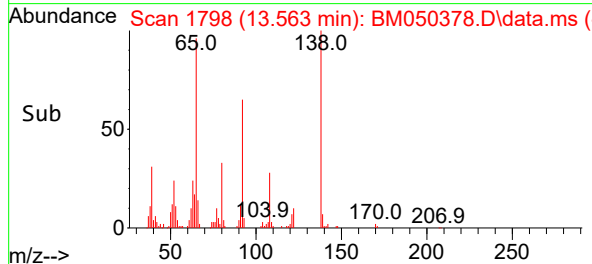
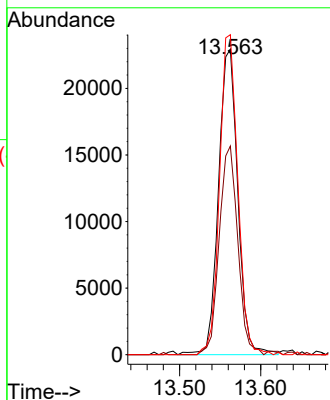
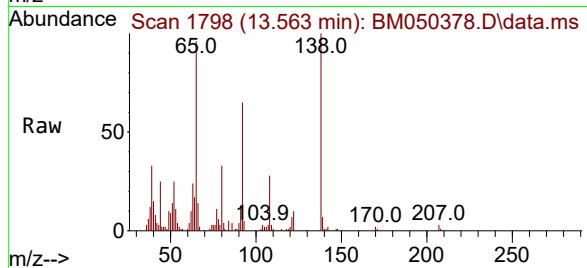




#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

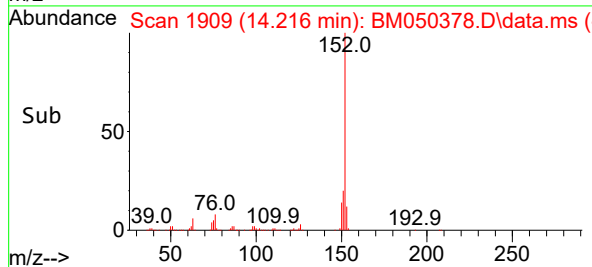
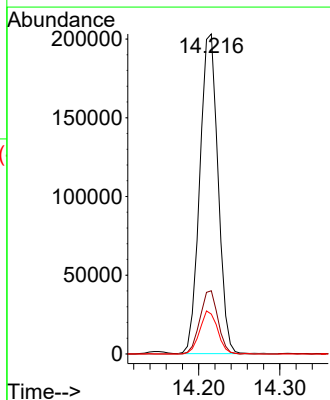
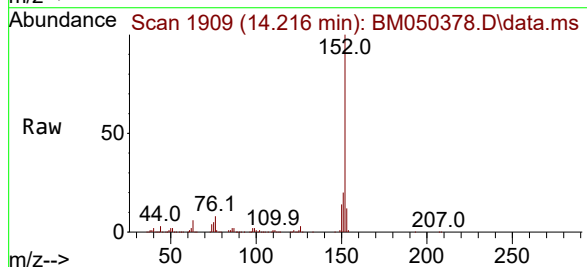
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

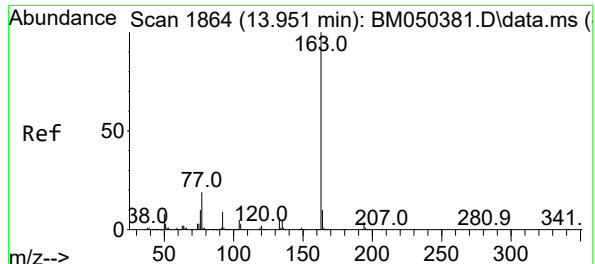
Tgt Ion: 65 Resp: 37953
Ion Ratio Lower Upper
65 100
92 68.3 54.3 81.5
138 104.7 87.8 131.6



#49
Acenaphthylene
Concen: 4.601 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 152 Resp: 316292
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.4 10.6 15.8

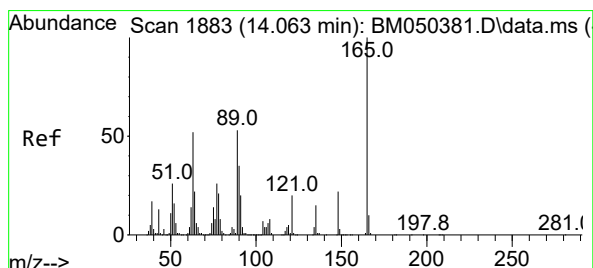
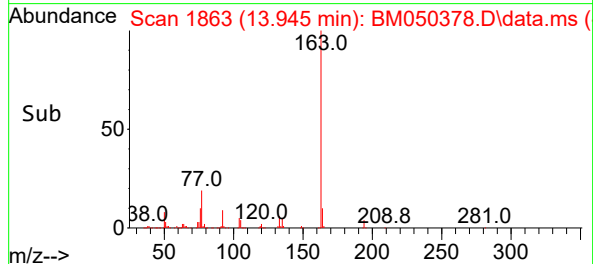
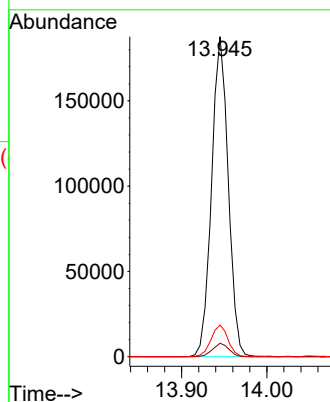
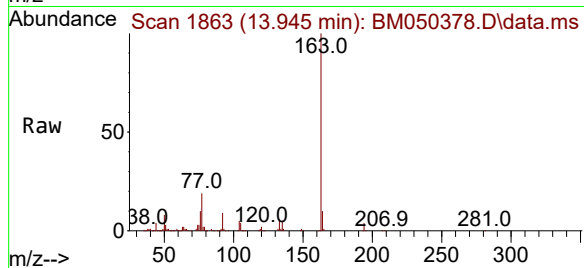




#50
Dimethylphthalate
Concen: 4.805 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

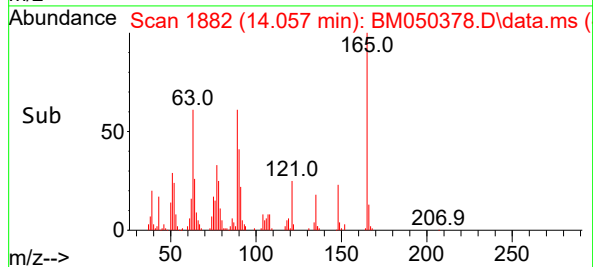
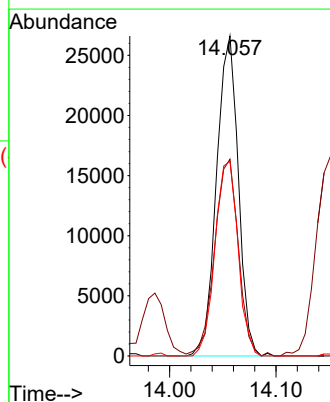
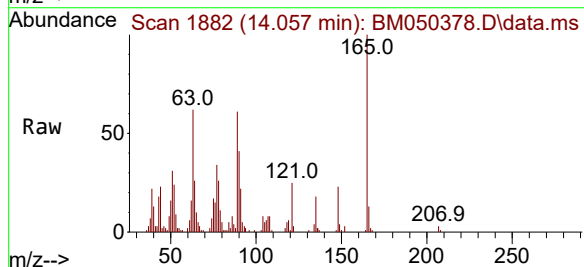
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

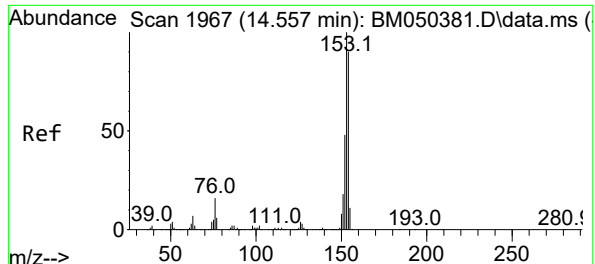
Tgt Ion:163 Resp: 254362
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.710 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 37711
Ion Ratio Lower Upper
165 100
63 61.5 42.4 63.6
89 60.8 42.2 63.2

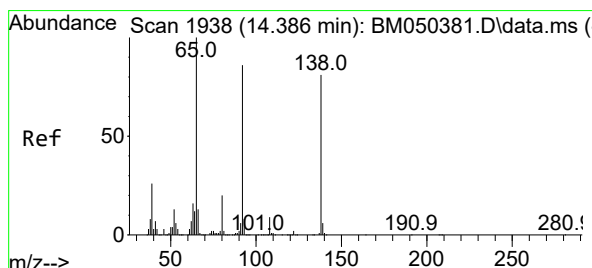
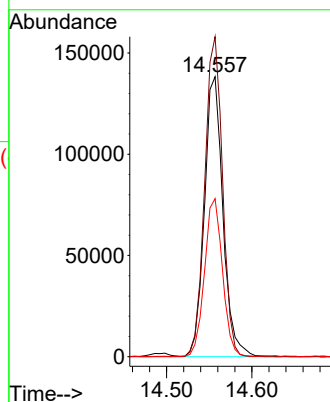
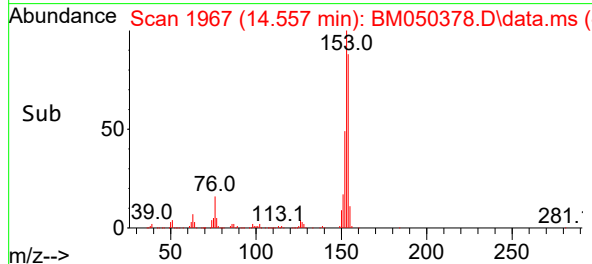
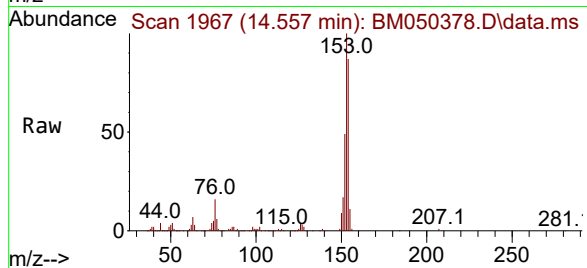




#52
Acenaphthene
Concen: 4.779 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

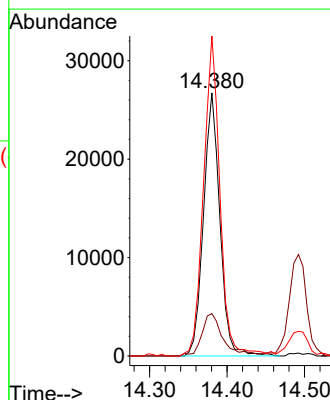
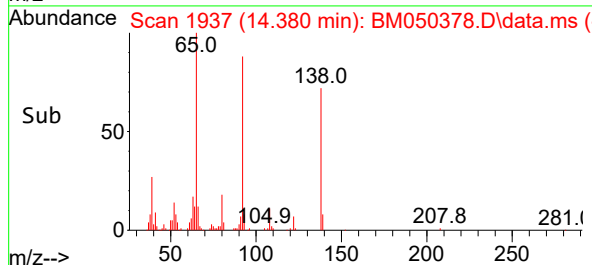
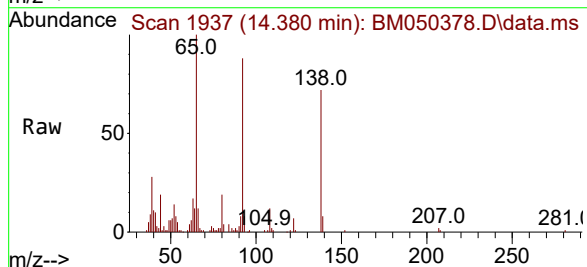
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

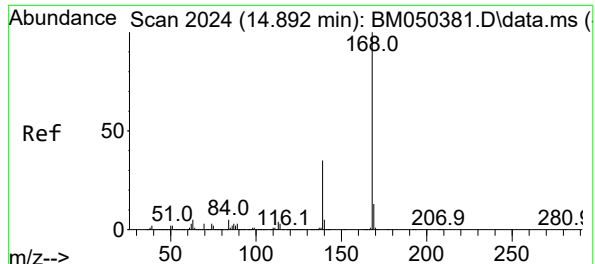
Tgt Ion:154 Resp: 208840
Ion Ratio Lower Upper
154 100
153 114.3 89.2 133.8
152 56.4 42.6 64.0



#53
3-Nitroaniline
Concen: 3.628 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:138 Resp: 39220
Ion Ratio Lower Upper
138 100
108 16.1 8.8 13.2#
92 121.7 85.0 127.6





#55

Dibenzenofuran

Concen: 4.988 ng

RT: 14.886 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

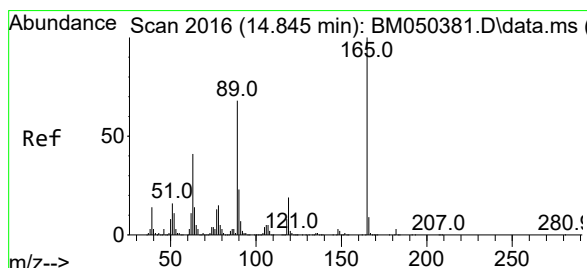
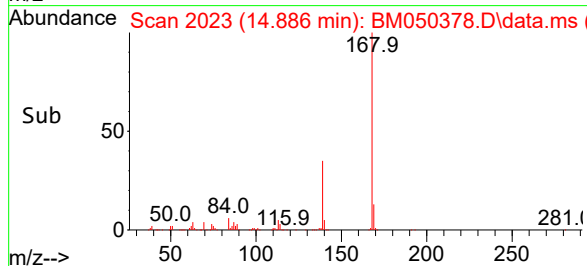
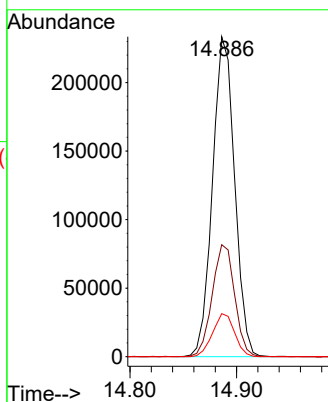
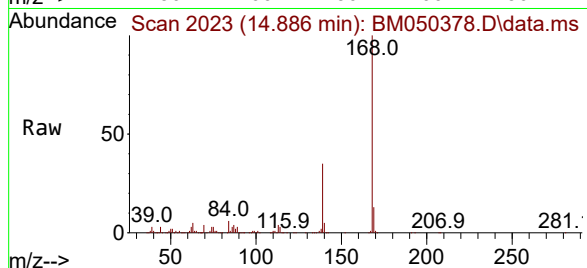
Tgt Ion:168 Resp: 335867

Ion Ratio Lower Upper

168 100

139 35.0 27.7 41.5

169 13.4 10.7 16.1



#57

2,4-Dinitrotoluene

Concen: 5.513 ng

RT: 14.839 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 44983

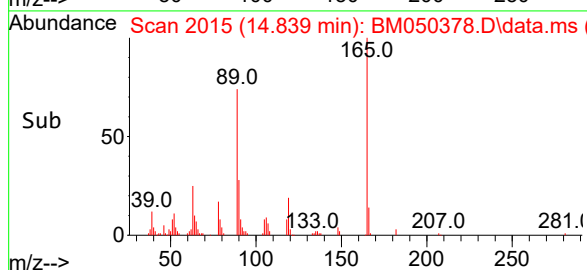
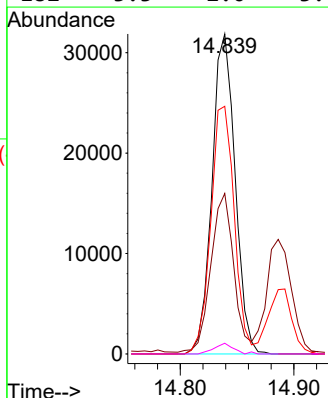
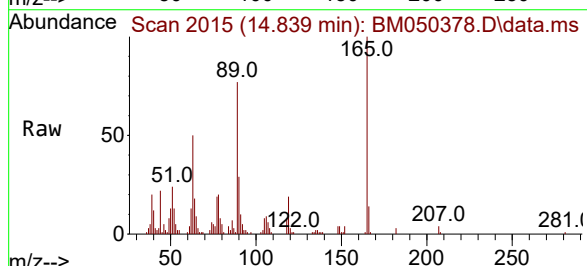
Ion Ratio Lower Upper

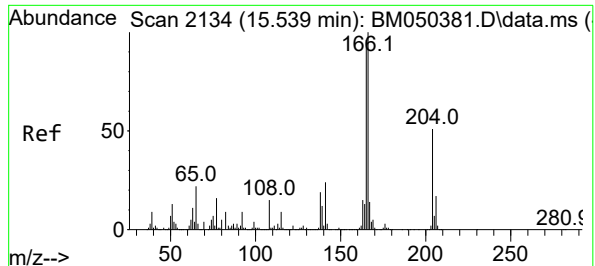
165 100

63 50.1 32.5 48.7#

89 77.4 54.0 81.0

182 3.3 2.0 3.0#

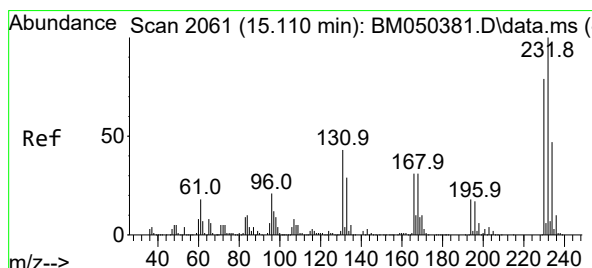
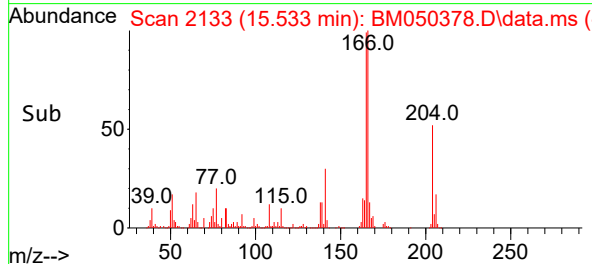
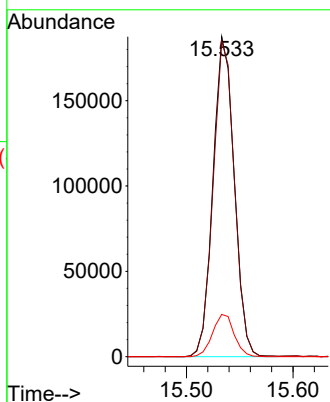
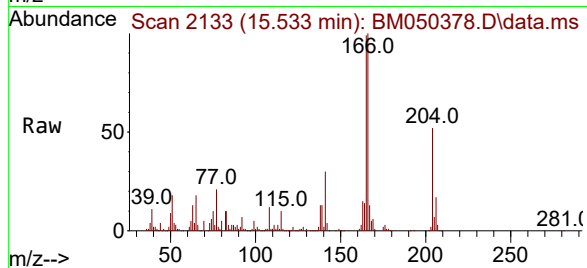




#58
Fluorene
Concen: 4.671 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

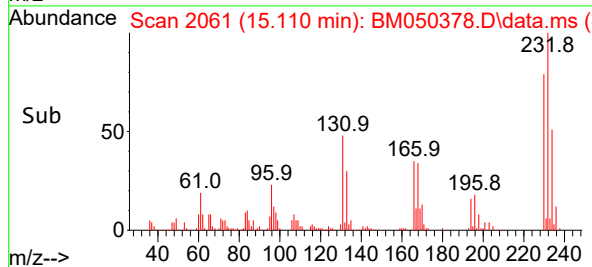
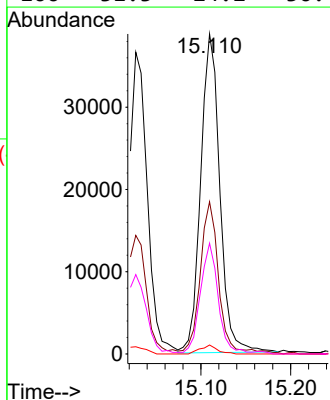
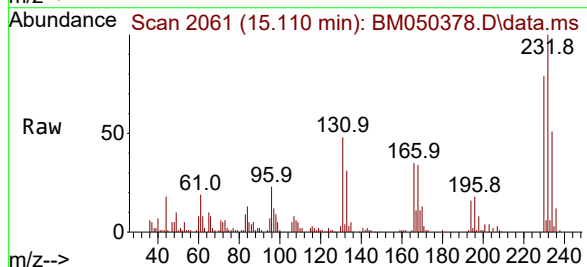
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

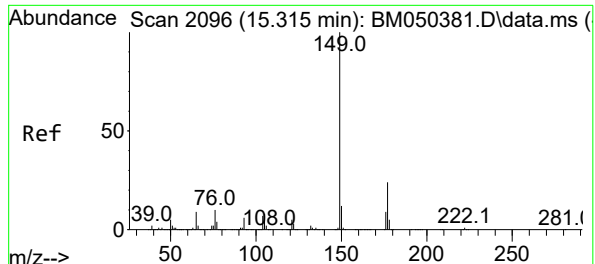
Tgt Ion:166 Resp: 259083
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.2 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.158 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:232 Resp: 57532
Ion Ratio Lower Upper
232 100
131 46.5 33.4 50.0
130 2.5 1.8 2.6
166 31.3 24.2 36.4

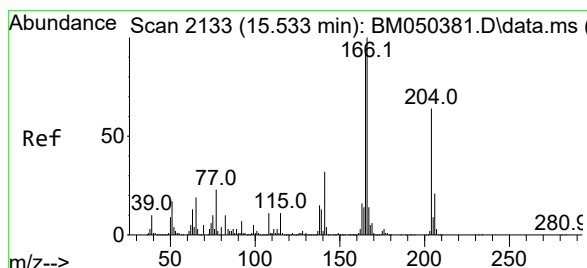
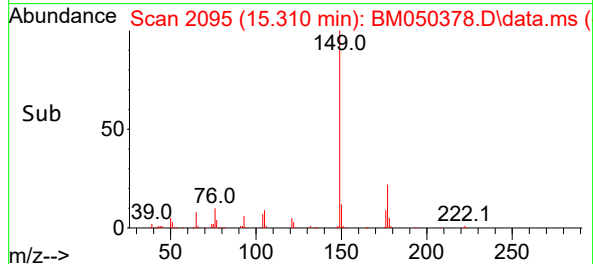
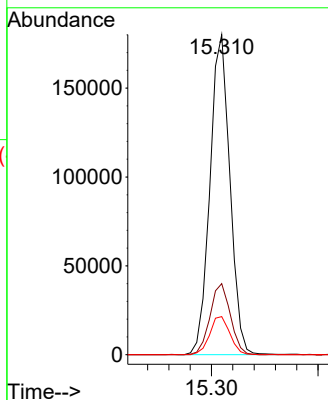
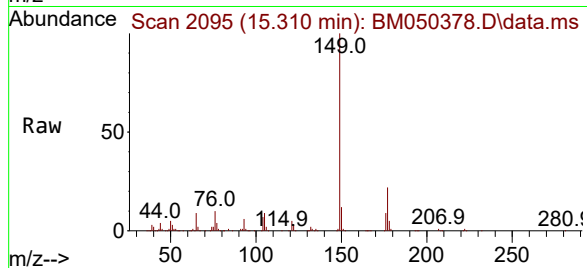




#60
Diethylphthalate
Concen: 4.625 ng
RT: 15.310 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

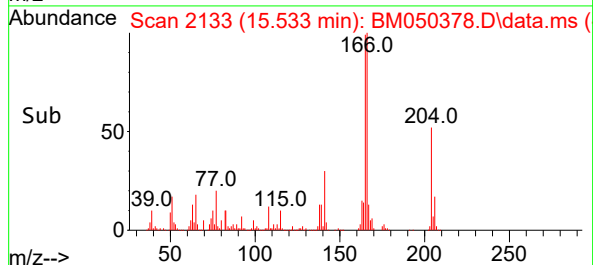
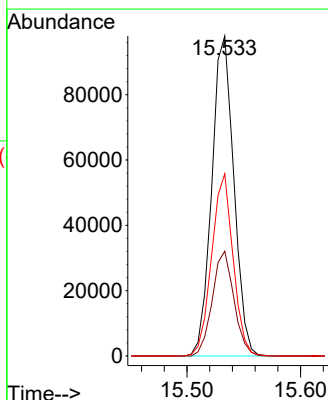
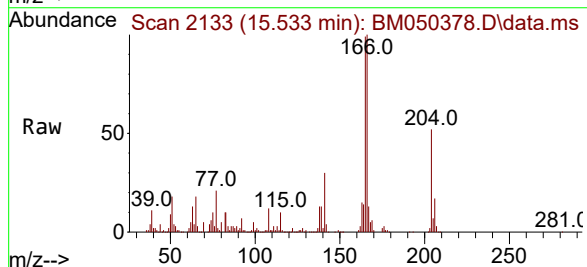
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

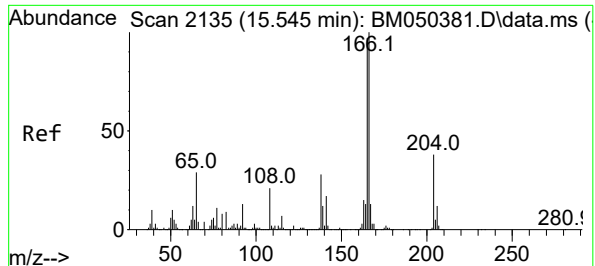
Tgt Ion:149 Resp: 233863
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 11.9 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 4.557 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:204 Resp: 132153
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 57.0 39.9 59.9





#62

4-Nitroaniline

Concen: 5.398 ng

RT: 15.533 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

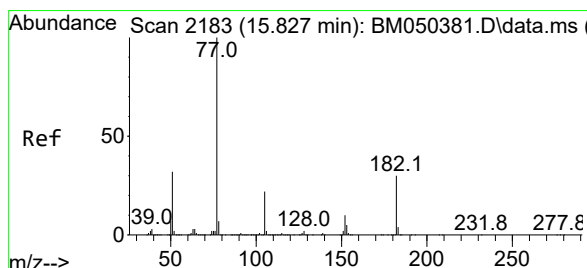
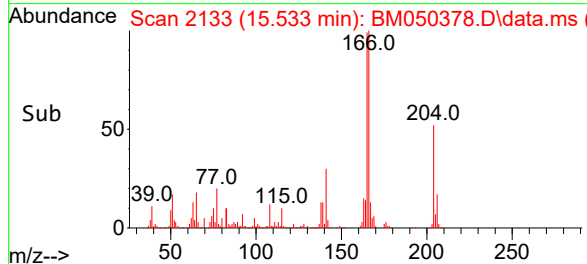
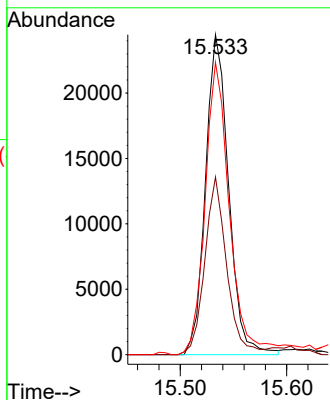
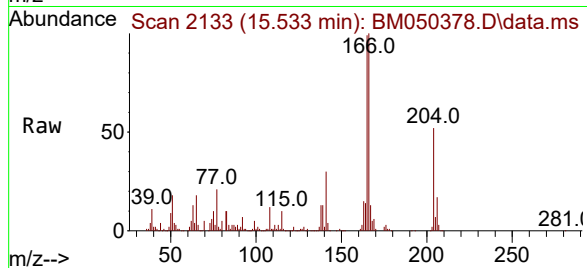
Tgt Ion:138 Resp: 36922

Ion Ratio Lower Upper

138 100

92 55.5 24.5 64.5

108 91.3 52.5 92.5



#63

Azobenzene

Concen: 4.490 ng

RT: 15.821 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 208493

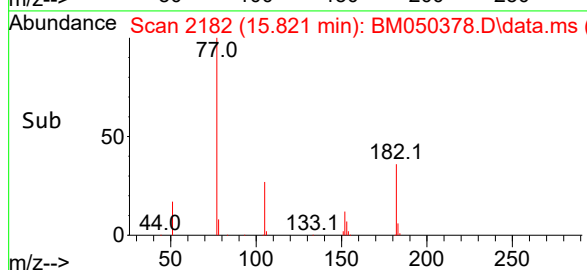
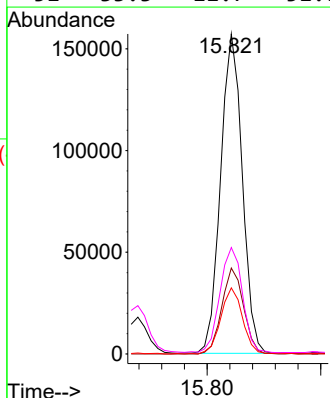
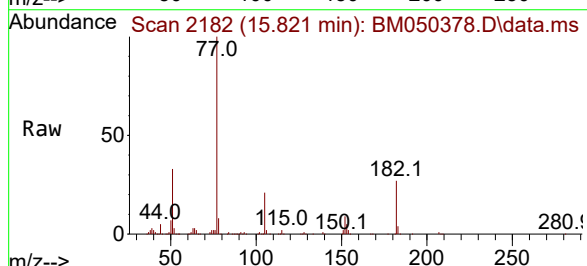
Ion Ratio Lower Upper

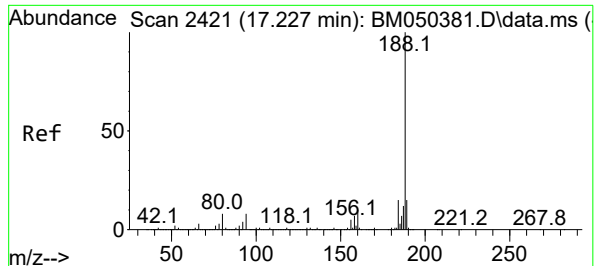
77 100

182 26.8 10.0 50.0

105 20.6 2.0 42.0

51 33.3 11.7 51.7

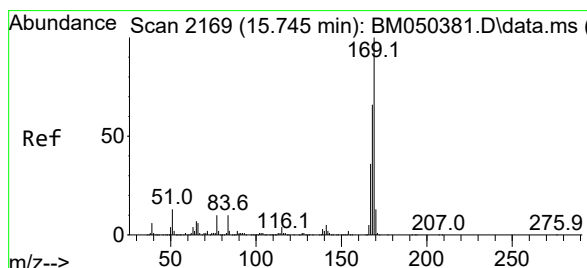
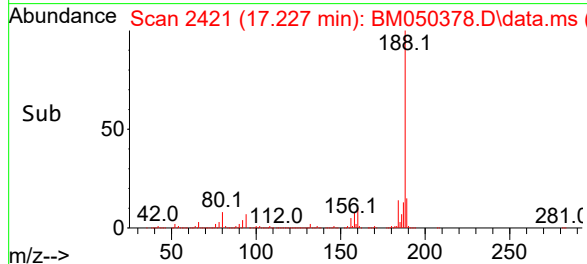
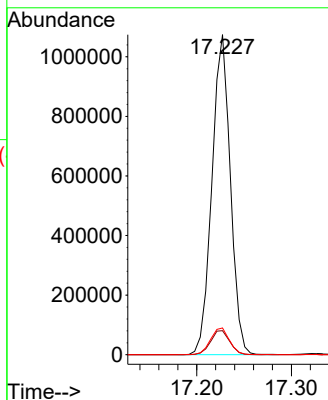
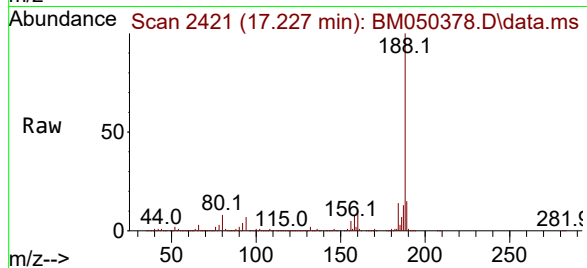




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

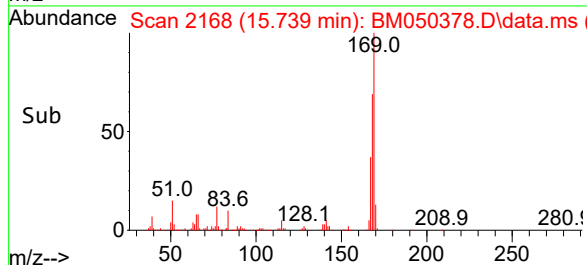
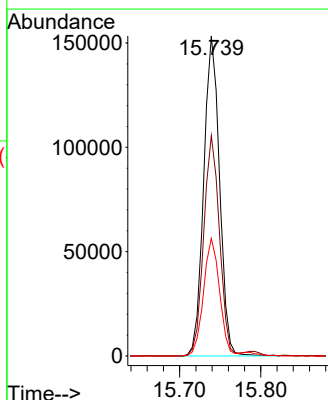
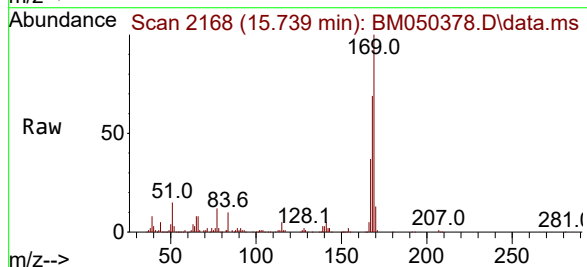
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

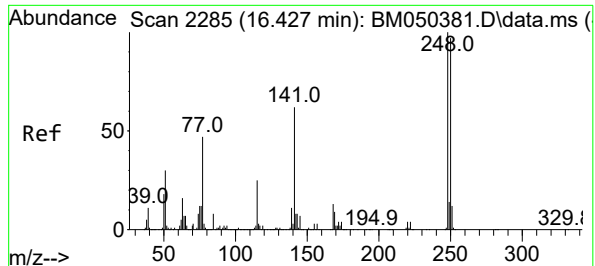
Tgt Ion:188 Resp: 1453955
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.3 6.5 9.7



#66
n-Nitrosodiphenylamine
Concen: 4.566 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:169 Resp: 207747
Ion Ratio Lower Upper
169 100
168 68.9 53.2 79.8
167 36.8 28.7 43.1

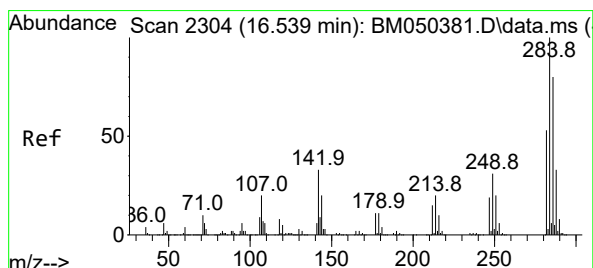
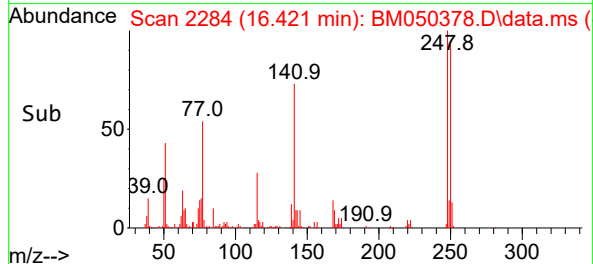
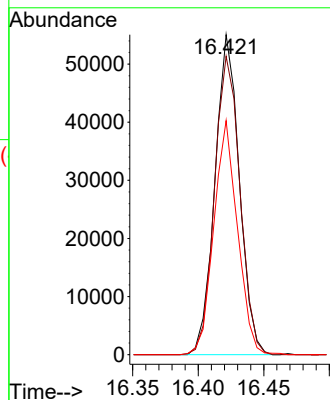
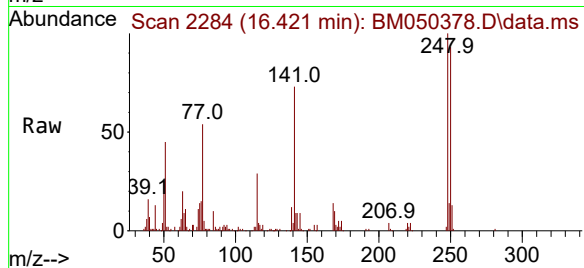




#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

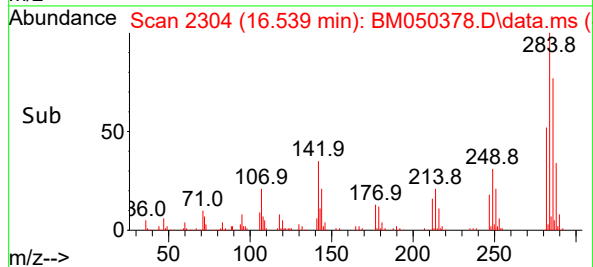
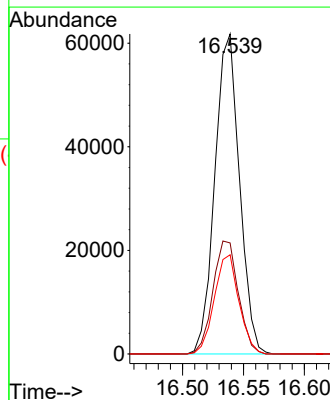
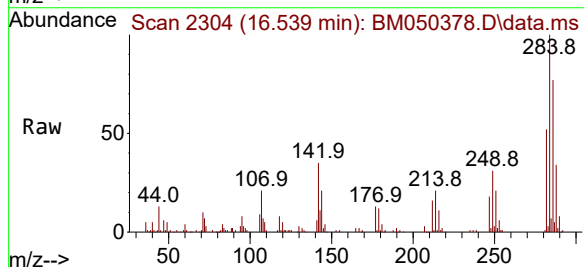
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

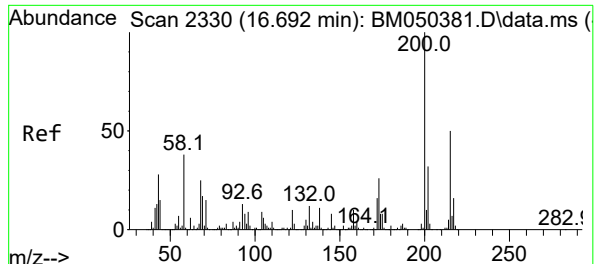
Tgt Ion	248	250	141
Resp:	71279		
Ion Ratio	100	93.3	73.2
Lower		77.9	49.7
Upper		116.9	74.5



#68
Hexachlorobenzene
Concen: 4.587 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion	284	142	249
Resp:	86781		
Ion Ratio	100	34.7	31.0
Lower		26.8	24.5
Upper		40.2	36.7





#69

Atrazine

Concen: 4.046 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

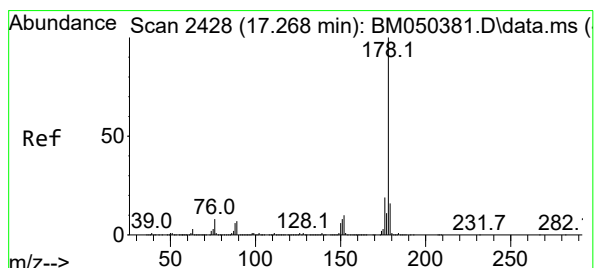
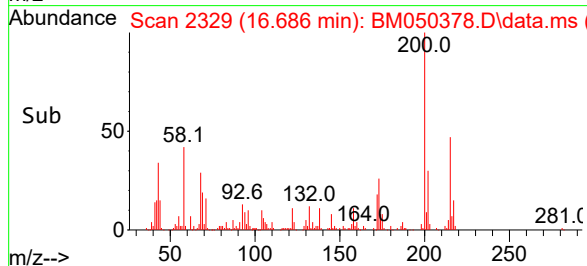
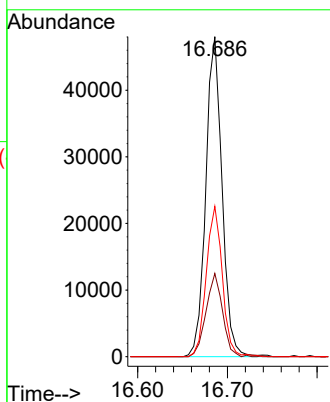
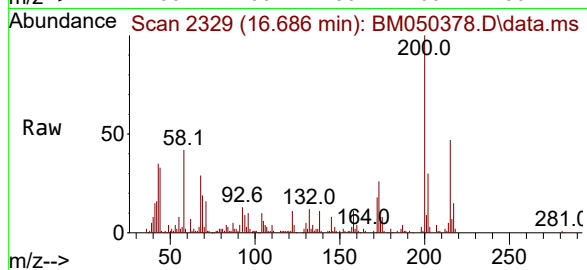
Tgt Ion:200 Resp: 60444

Ion Ratio Lower Upper

200 100

173 26.0 5.6 45.6

215 47.0 29.6 69.6



#71

Phenanthrene

Concen: 4.943 ng

RT: 17.268 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

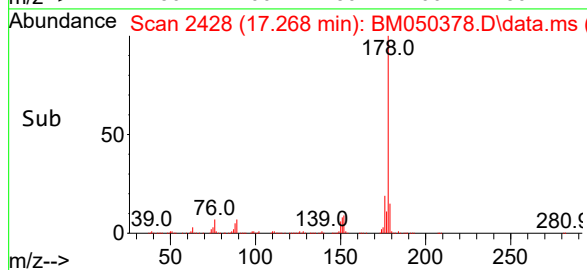
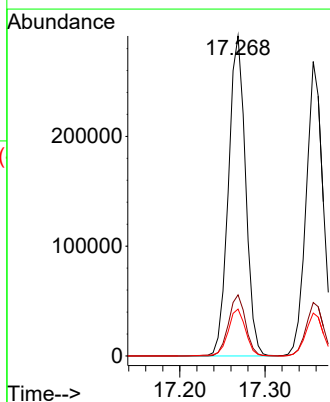
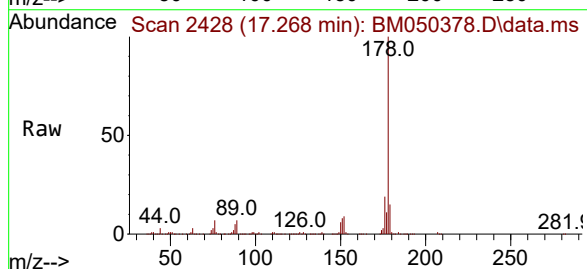
Tgt Ion:178 Resp: 406647

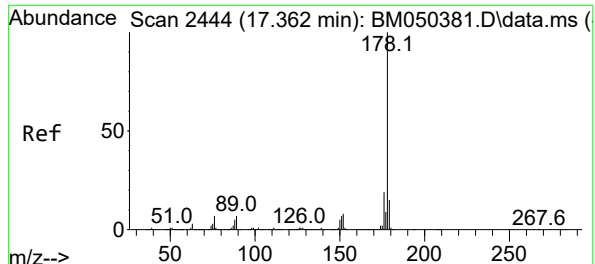
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 14.7 12.5 18.7

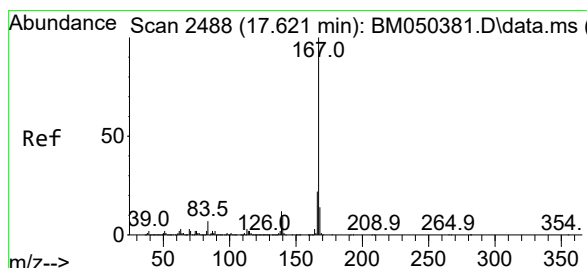
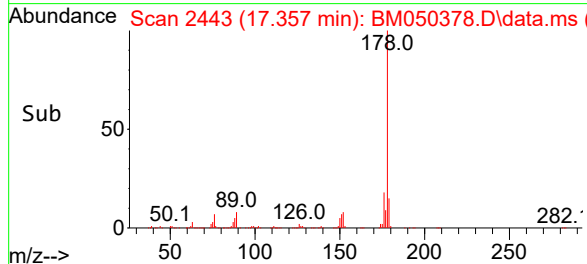
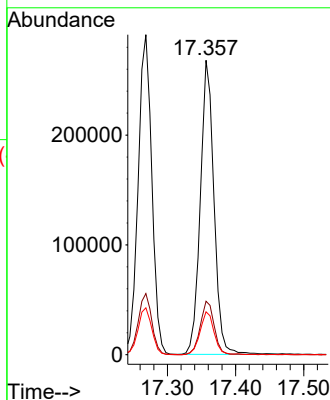
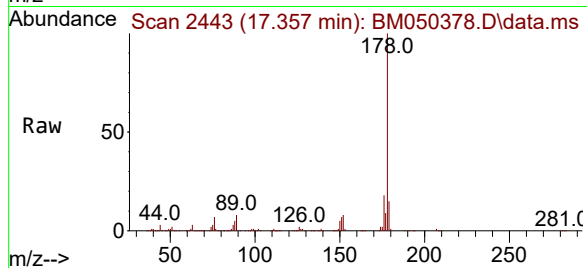




#72
Anthracene
Concen: 4.563 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

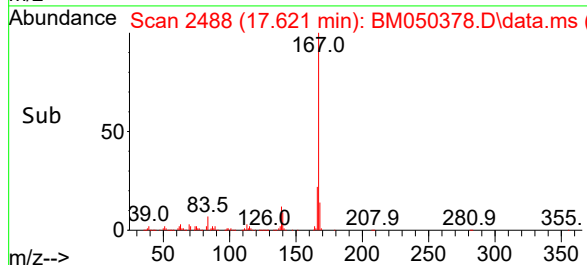
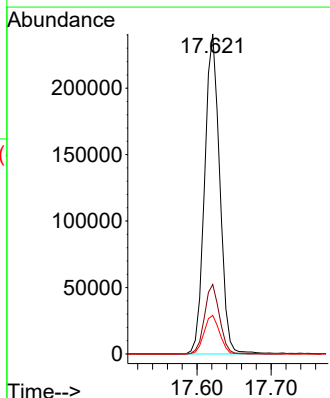
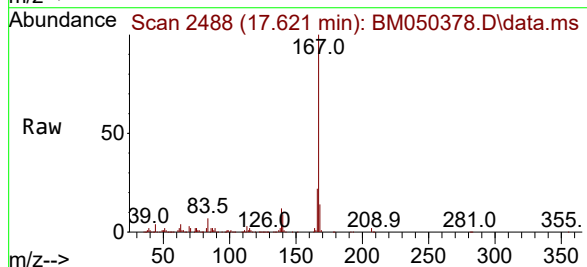
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

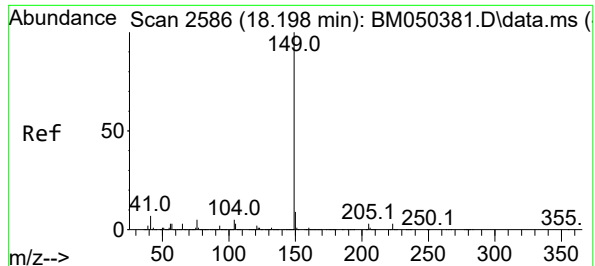
Tgt Ion:178 Resp: 373674
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.6 12.2 18.4



#73
Carbazole
Concen: 4.605 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:167 Resp: 341196
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.1 9.9 14.9

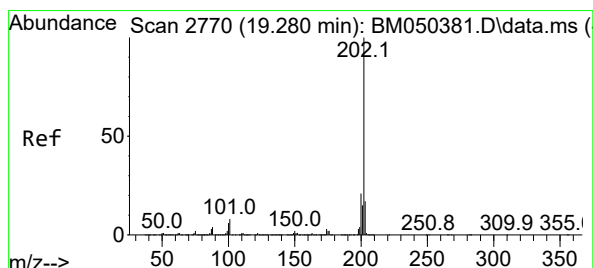
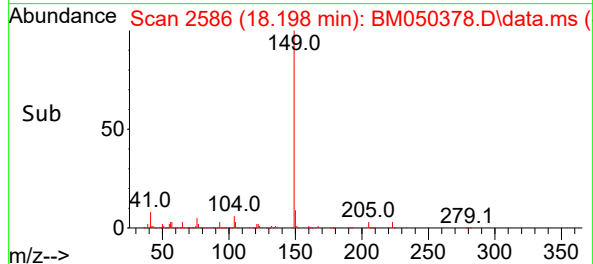
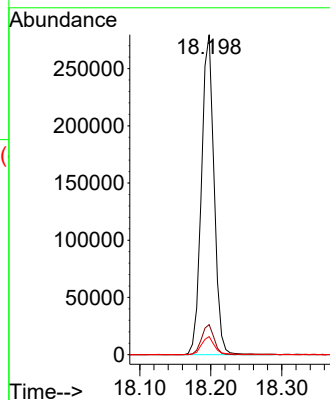
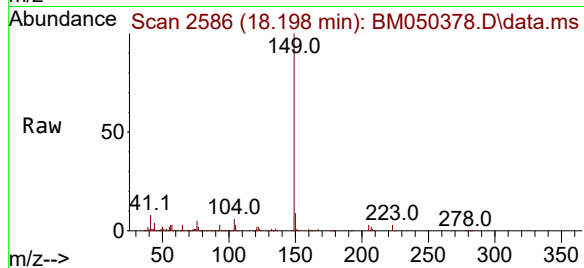




#74
Di-n-butylphthalate
Concen: 4.274 ng
RT: 18.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

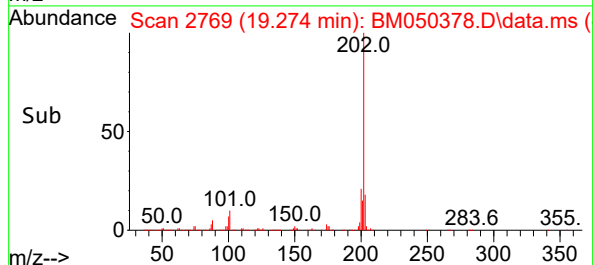
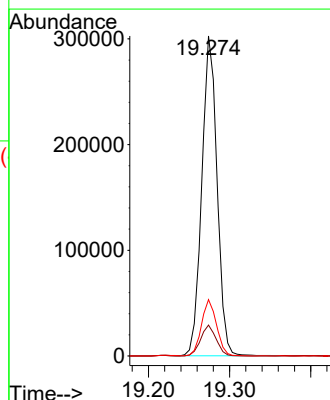
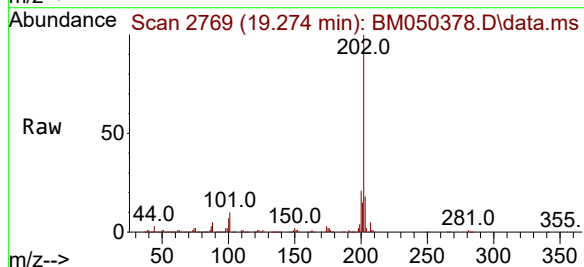
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

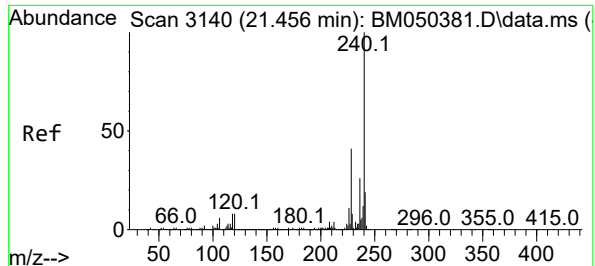
Tgt Ion:149 Resp: 346654
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.7 3.9 5.9



#75
Fluoranthene
Concen: 4.421 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 395390
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.3
203 17.6 0.0 37.2

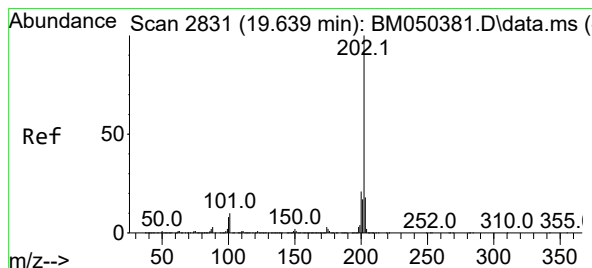
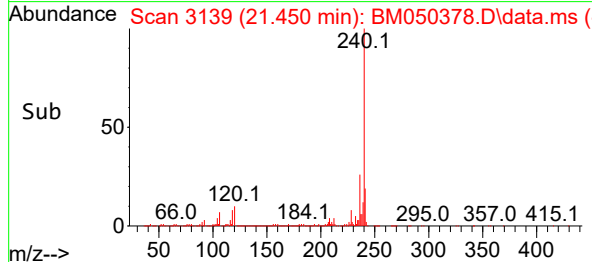
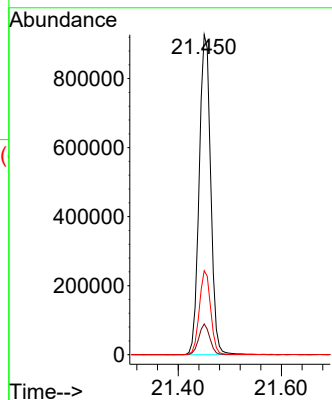
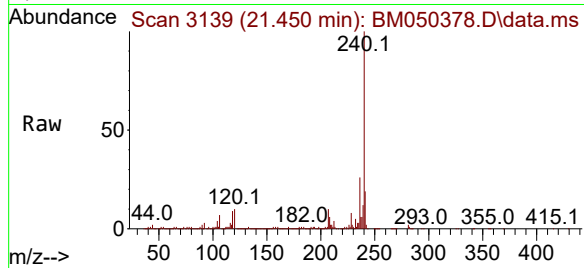




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

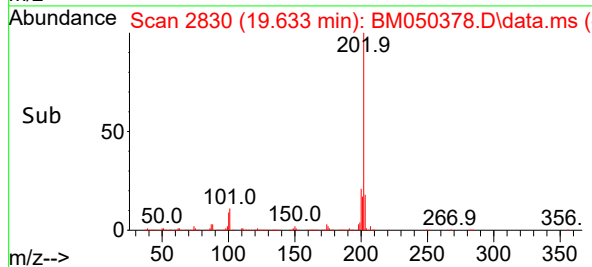
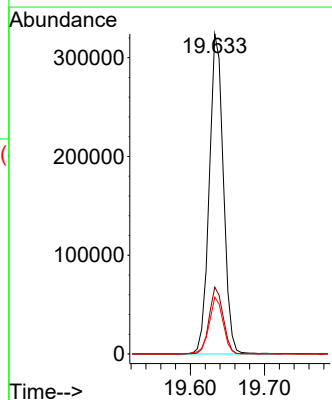
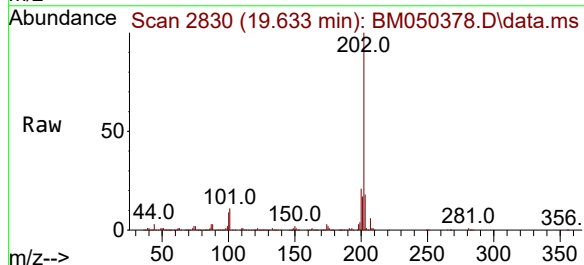
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

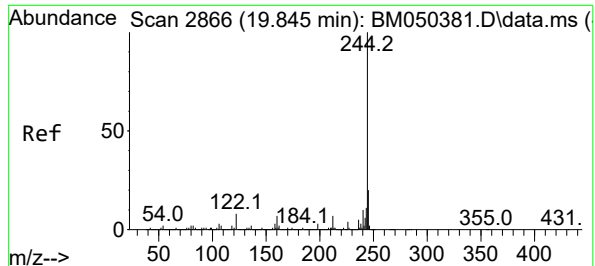
Tgt Ion:240 Resp: 1431554
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 26.3 20.7 31.1



#78
Pyrene
Concen: 4.676 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 428758
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.7 14.1 21.1

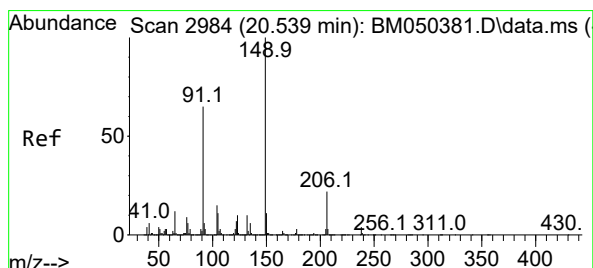
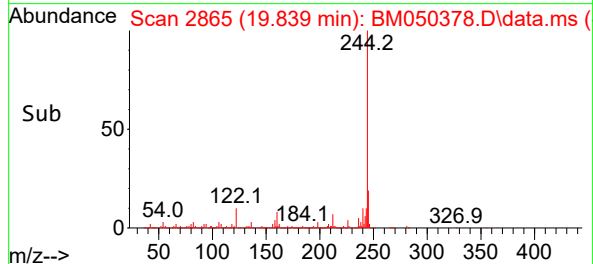
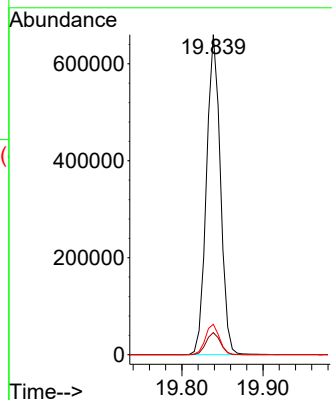
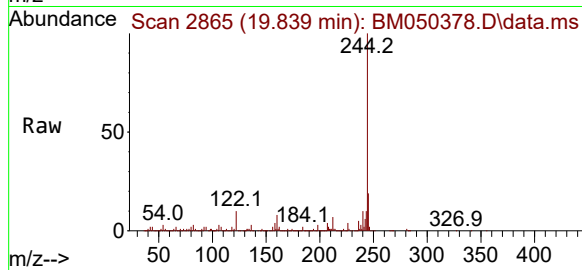




#79
Terphenyl-d14
Concen: 9.630 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

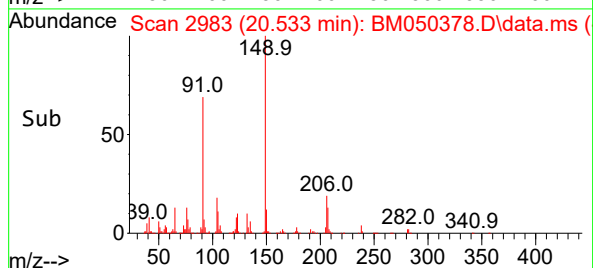
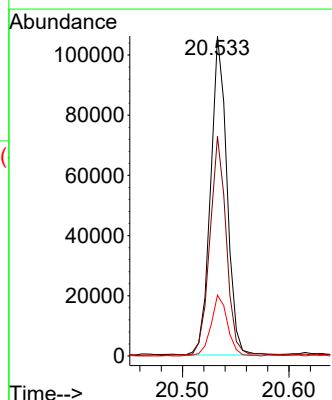
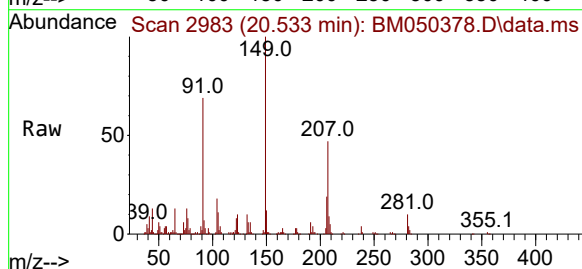
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

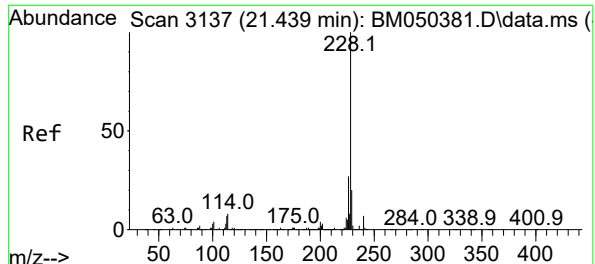
Tgt Ion:244 Resp: 783562
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.5 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 3.757 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:149 Resp: 113580
Ion Ratio Lower Upper
149 100
91 68.6 51.6 77.4
206 19.0 17.8 26.8

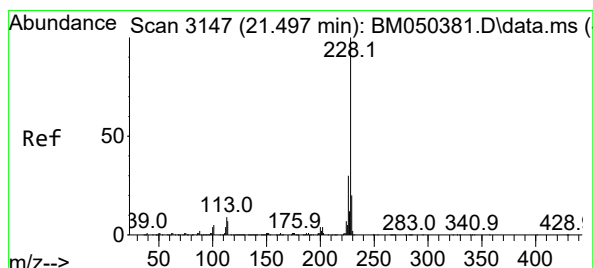
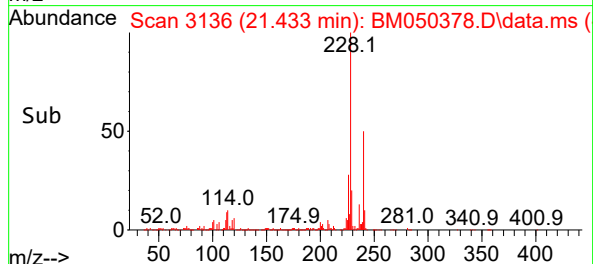
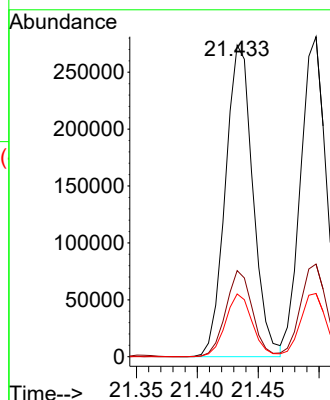
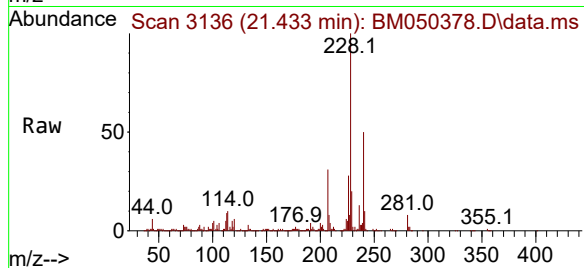




#81
Benzo(a)anthracene
Concen: 4.620 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

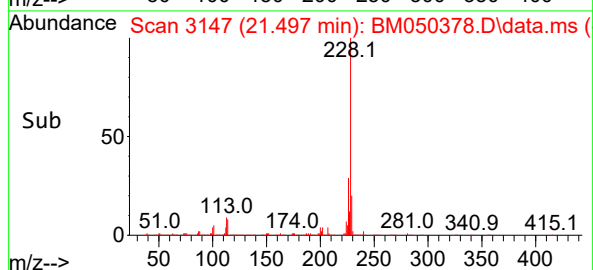
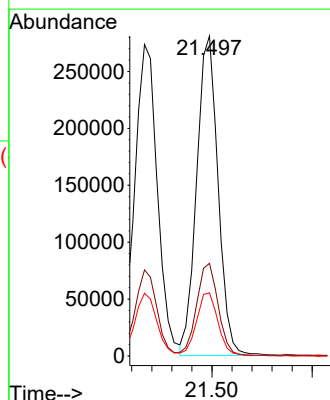
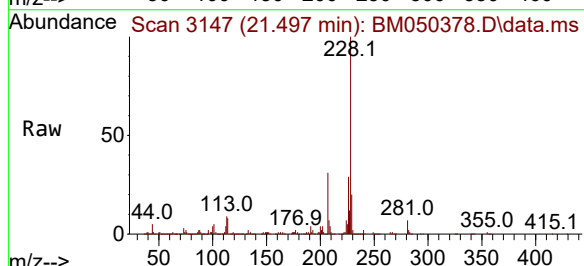
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

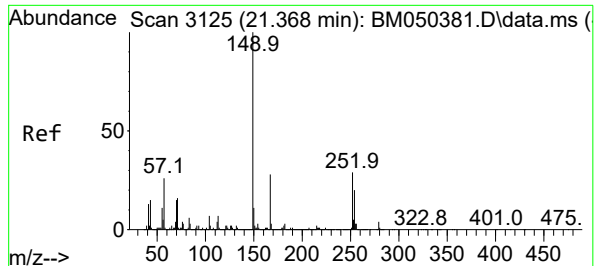
Tgt Ion:228 Resp: 430980
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.1 16.0 24.0



#83
Chrysene
Concen: 4.727 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:228 Resp: 415885
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.4
229 19.8 15.8 23.6

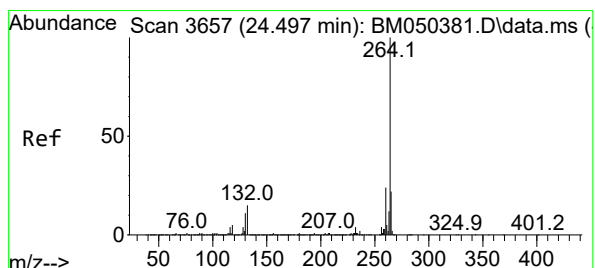
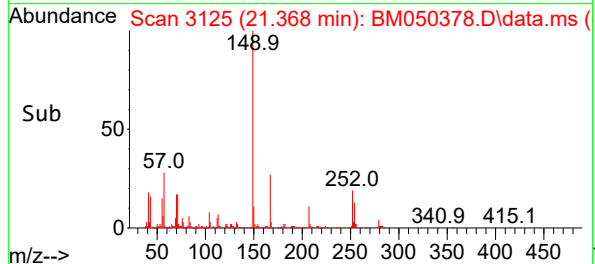
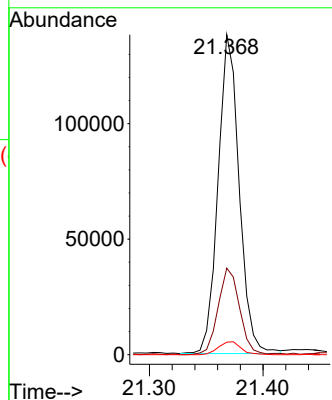
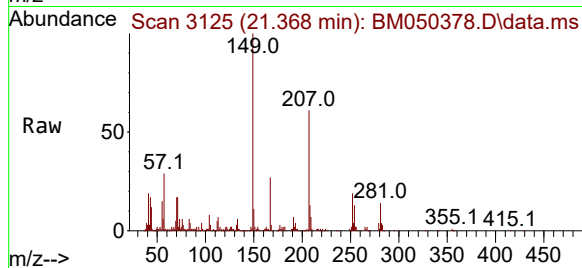




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.724 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

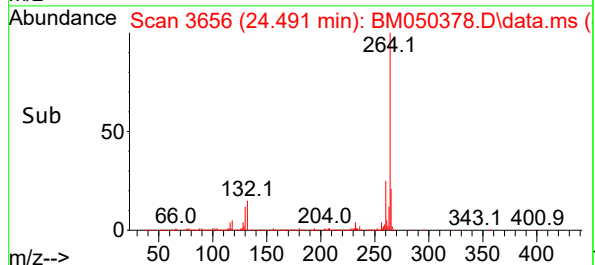
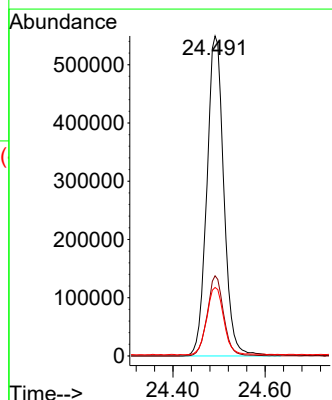
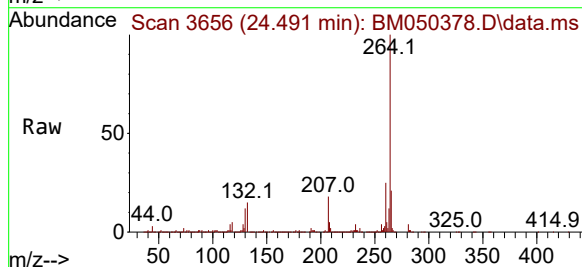
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

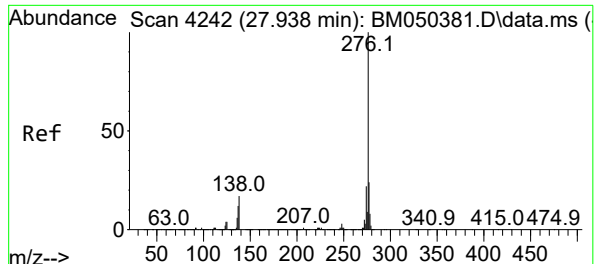
Tgt Ion:149 Resp: 178701
Ion Ratio Lower Upper
149 100
167 27.1 22.7 34.1
279 3.9 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:264 Resp: 1410719
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.4 17.8 26.6

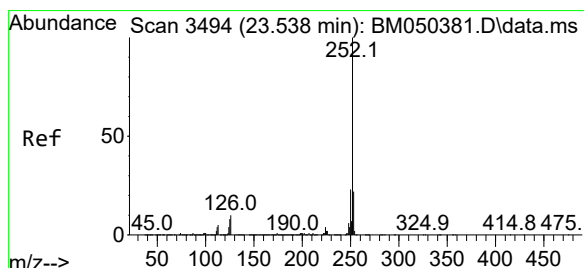
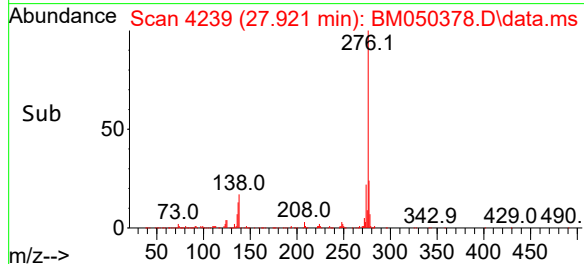
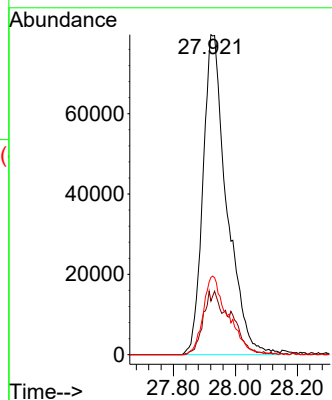
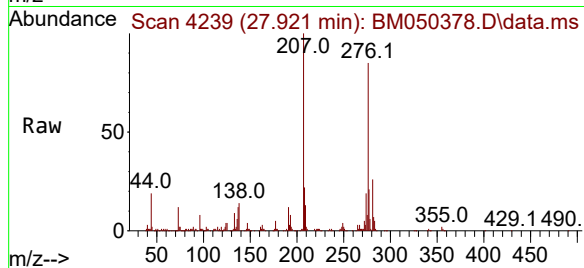




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.249 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

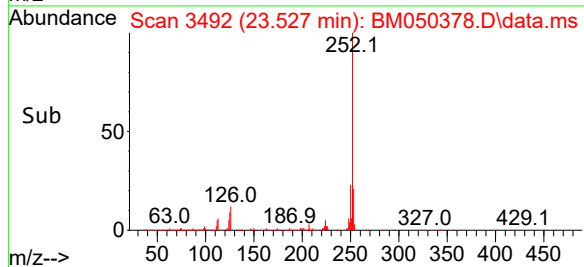
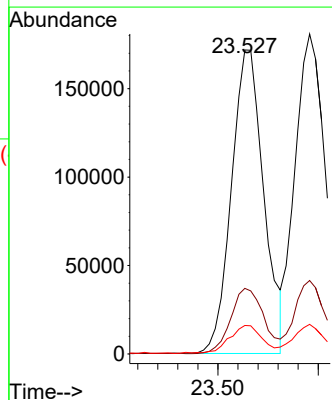
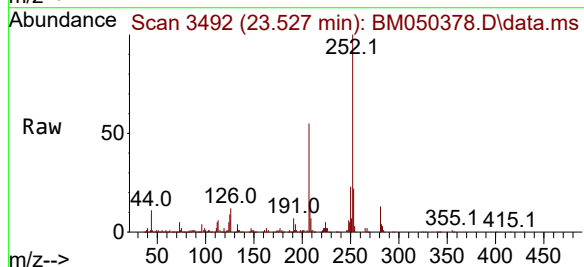
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

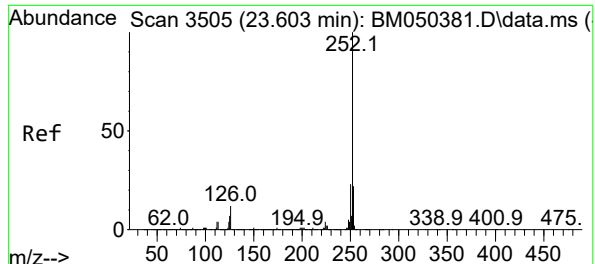
Tgt Ion:276 Resp: 426152
Ion Ratio Lower Upper
276 100
138 17.1 17.0 25.6
277 25.5 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 4.431 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 384470
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.4 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 4.330 ng

RT: 23.591 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

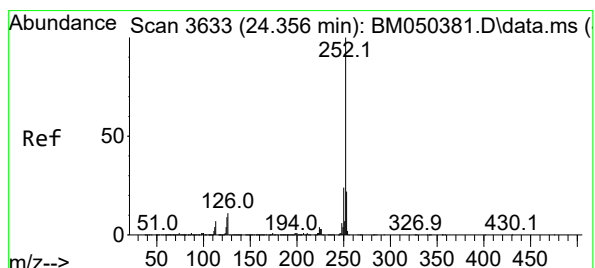
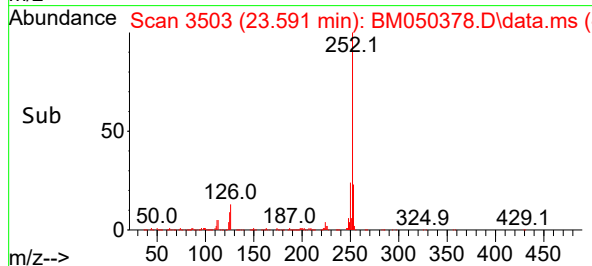
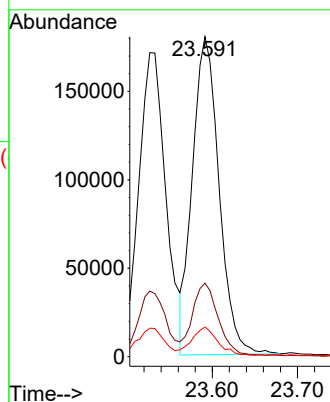
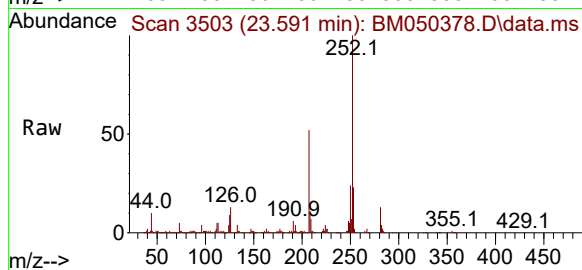
Tgt Ion:252 Resp: 389878

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 9.3 6.2 9.2#



#90

Benzo(a)pyrene

Concen: 4.177 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

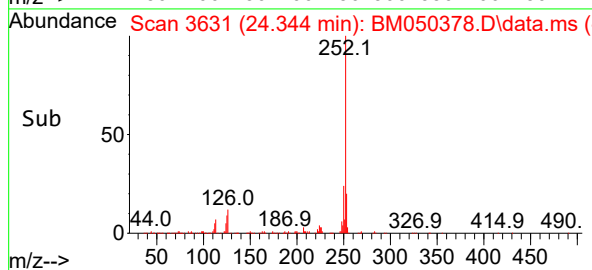
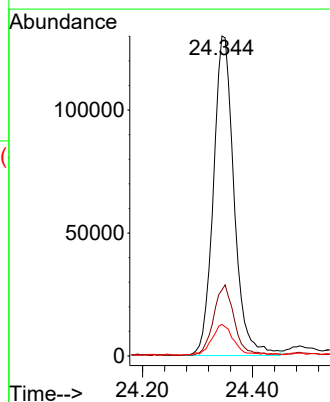
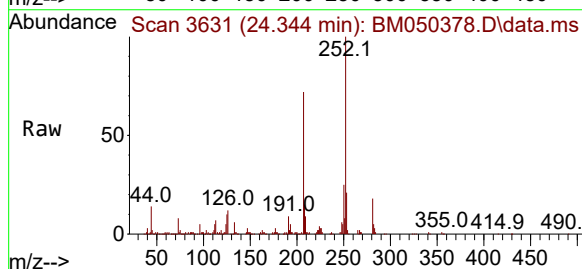
Tgt Ion:252 Resp: 339308

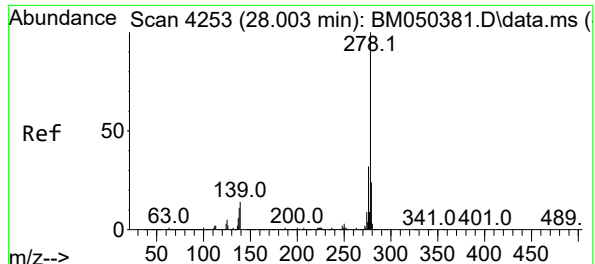
Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 9.9 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 4.269 ng

RT: 27.991 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

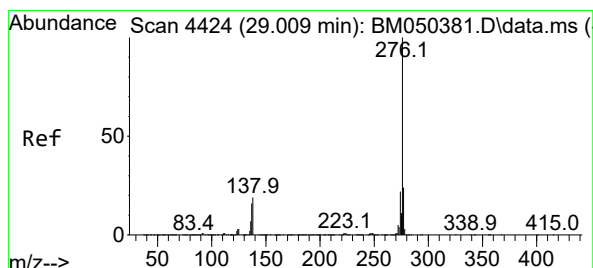
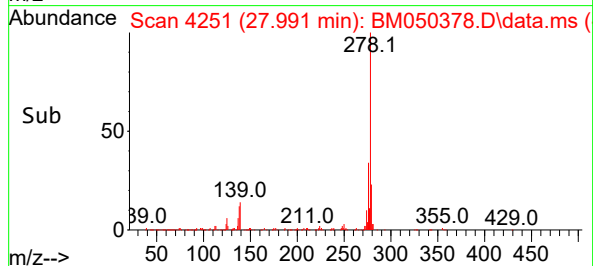
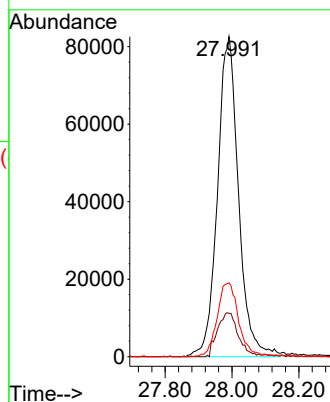
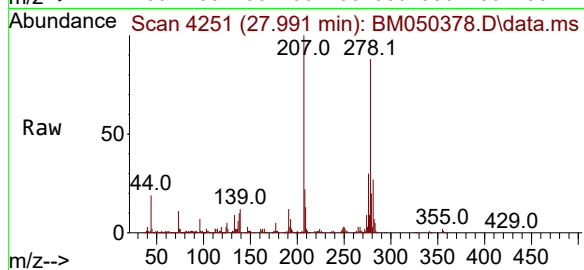
Tgt Ion:278 Resp: 360576

Ion Ratio Lower Upper

278 100

139 13.5 10.8 16.2

279 23.1 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 4.382 ng

RT: 28.985 min Scan# 4420

Delta R.T. -0.023 min

Lab File: BM050378.D

Acq: 08 Jul 2025 13:19

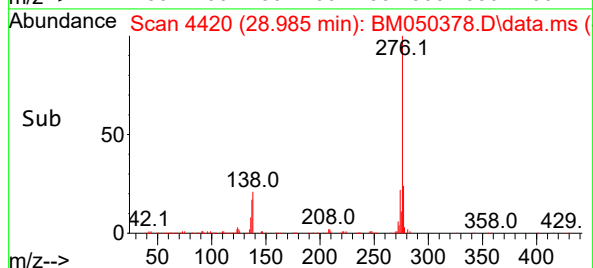
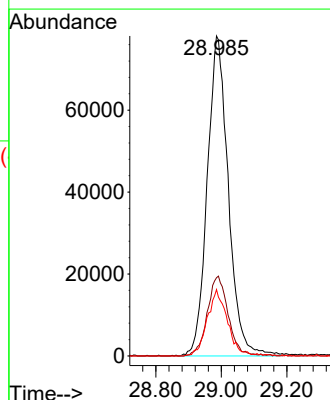
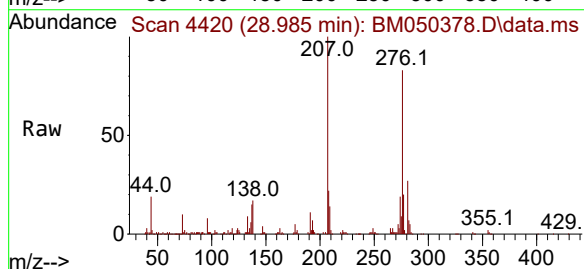
Tgt Ion:276 Resp: 349804

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 20.8 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050379.D
 Acq On : 08 Jul 2025 14:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:20:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	361961	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1342132	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	846249	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1580349	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1564213	20.000	ng	0.00
86) Perylene-d12	24.491	264	1552476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	390415	18.566	ng	0.00
7) Phenol-d6	7.016	99	480384	18.122	ng	0.00
23) Nitrobenzene-d5	9.016	82	476926	18.129	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	165401	16.086	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	1301714	18.996	ng	0.00
79) Terphenyl-d14	19.839	244	1735885	19.526	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	84322	9.752	ng	97
3) Pyridine	3.734	79	216596	9.541	ng	96
4) n-Nitrosodimethylamine	3.640	42	101622	9.602	ng	# 92
6) Aniline	7.187	93	308012	9.054	ng	99
8) 2-Chlorophenol	7.428	128	200037	9.022	ng	99
9) Benzaldehyde	6.998	77	170875m	10.835	ng	
10) Phenol	7.045	94	255531	9.242	ng	99
11) bis(2-Chloroethyl)ether	7.281	93	205153	9.265	ng	95
12) 1,3-Dichlorobenzene	7.757	146	257848	9.564	ng	99
13) 1,4-Dichlorobenzene	7.898	146	264062	9.592	ng	99
14) 1,2-Dichlorobenzene	8.222	146	252415	9.577	ng	96
15) Benzyl Alcohol	8.098	79	164181	8.790	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.392	45	315036	9.659	ng	100
17) 2-Methylphenol	8.298	107	162594	9.067	ng	96
18) Hexachloroethane	8.951	117	90719	9.370	ng	95
19) n-Nitroso-di-n-propyla...	8.669	70	146225	9.106	ng	98
20) 3+4-Methylphenols	8.622	107	211795	8.798	ng	99
22) Acetophenone	8.681	105	321333	9.576	ng	# 98
24) Nitrobenzene	9.057	77	220849	9.408	ng	98
25) Isophorone	9.586	82	385498	9.031	ng	98
26) 2-Nitrophenol	9.769	139	74836	7.822	ng	92
27) 2,4-Dimethylphenol	9.828	122	184710	9.073	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	264798	9.361	ng	99
29) 2,4-Dichlorophenol	10.304	162	187427	8.961	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	234305	9.364	ng	97
31) Naphthalene	10.710	128	653977	9.593	ng	99
32) Benzoic acid	9.886	122	67388	10.696	ng	97
33) 4-Chloroaniline	10.810	127	266307	9.240	ng	99
34) Hexachlorobutadiene	11.004	225	140567	9.205	ng	94
35) Caprolactam	11.557	113	42675	7.474	ng	94
36) 4-Chloro-3-methylphenol	11.927	107	171511	8.781	ng	97
37) 2-Methylnaphthalene	12.322	142	399569	9.283	ng	99
38) 1-Methylnaphthalene	12.539	142	422148	9.267	ng	98
40) 1,2,4,5-Tetrachloroben...	12.686	216	240904	8.952	ng	99
41) Hexachlorocyclopentadiene	12.680	237	135571	7.881	ng	100
43) 2,4,6-Trichlorophenol	12.922	196	141791	8.560	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050379.D
 Acq On : 08 Jul 2025 14:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:20:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	159049	8.792	ng	97
46) 1,1'-Biphenyl	13.327	154	600373	9.562	ng	99
47) 2-Chloronaphthalene	13.369	162	476534	9.519	ng	99
48) 2-Nitroaniline	13.563	65	89190	7.982	ng	96
49) Acenaphthylene	14.216	152	701534	9.273	ng	99
50) Dimethylphthalate	13.945	163	543665	9.331	ng	99
51) 2,6-Dinitrotoluene	14.057	165	94728	8.468	ng	94
52) Acenaphthene	14.557	154	444228	9.236	ng	95
53) 3-Nitroaniline	14.380	138	97828	8.223	ng	# 93
54) 2,4-Dinitrophenol	14.586	184	31123	11.045	ng	99
55) Dibenzofuran	14.892	168	708153	9.555	ng	98
56) 4-Nitrophenol	14.680	139	76886	7.515	ng	98
57) 2,4-Dinitrotoluene	14.839	165	117194	9.325	ng	92
58) Fluorene	15.539	166	562098	9.208	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	129591	8.509	ng	97
60) Diethylphthalate	15.310	149	512043	9.200	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	284655	8.918	ng	96
62) 4-Nitroaniline	15.539	138	96460	9.259	ng	90
63) Azobenzene	15.821	77	472164	9.239	ng	95
65) 4,6-Dinitro-2-methylph...	15.598	198	45307	10.934	ng	97
66) n-Nitrosodiphenylamine	15.739	169	455683	9.215	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	153426	8.812	ng	94
68) Hexachlorobenzene	16.539	284	184262	8.960	ng	97
69) Atrazine	16.686	200	137949	8.495	ng	98
70) Pentachlorophenol	16.874	266	96207	7.515	ng	99
71) Phenanthrene	17.268	178	845393	9.454	ng	99
72) Anthracene	17.357	178	803377	9.025	ng	99
73) Carbazole	17.621	167	746026	9.263	ng	100
74) Di-n-butylphthalate	18.198	149	759019	8.610	ng	99
75) Fluoranthene	19.274	202	852385	8.768	ng	98
77) Benzidine	19.456	184	289481	7.256	ng	99
78) Pyrene	19.633	202	920751	9.191	ng	99
80) Butylbenzylphthalate	20.533	149	261606	7.920	ng	95
81) Benzo(a)anthracene	21.433	228	940127	9.224	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	274551	7.988	ng	100
83) Chrysene	21.497	228	902126	9.384	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	426642	8.136	ng	98
85) Di-n-octyl phthalate	22.521	149	580634	7.070	ng	98
87) Indeno(1,2,3-cd)pyrene	27.921	276	960927	8.706	ng	# 94
88) Benzo(b)fluoranthene	23.533	252	834603	8.740	ng	99
89) Benzo(k)fluoranthene	23.591	252	883703	8.919	ng	99
90) Benzo(a)pyrene	24.344	252	764280	8.550	ng	99
91) Dibenzo(a,h)anthracene	27.985	278	803056	8.639	ng	98
92) Benzo(g,h,i)perylene	28.997	276	776700	8.841	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050379.D
 Acq On : 08 Jul 2025 14:00
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

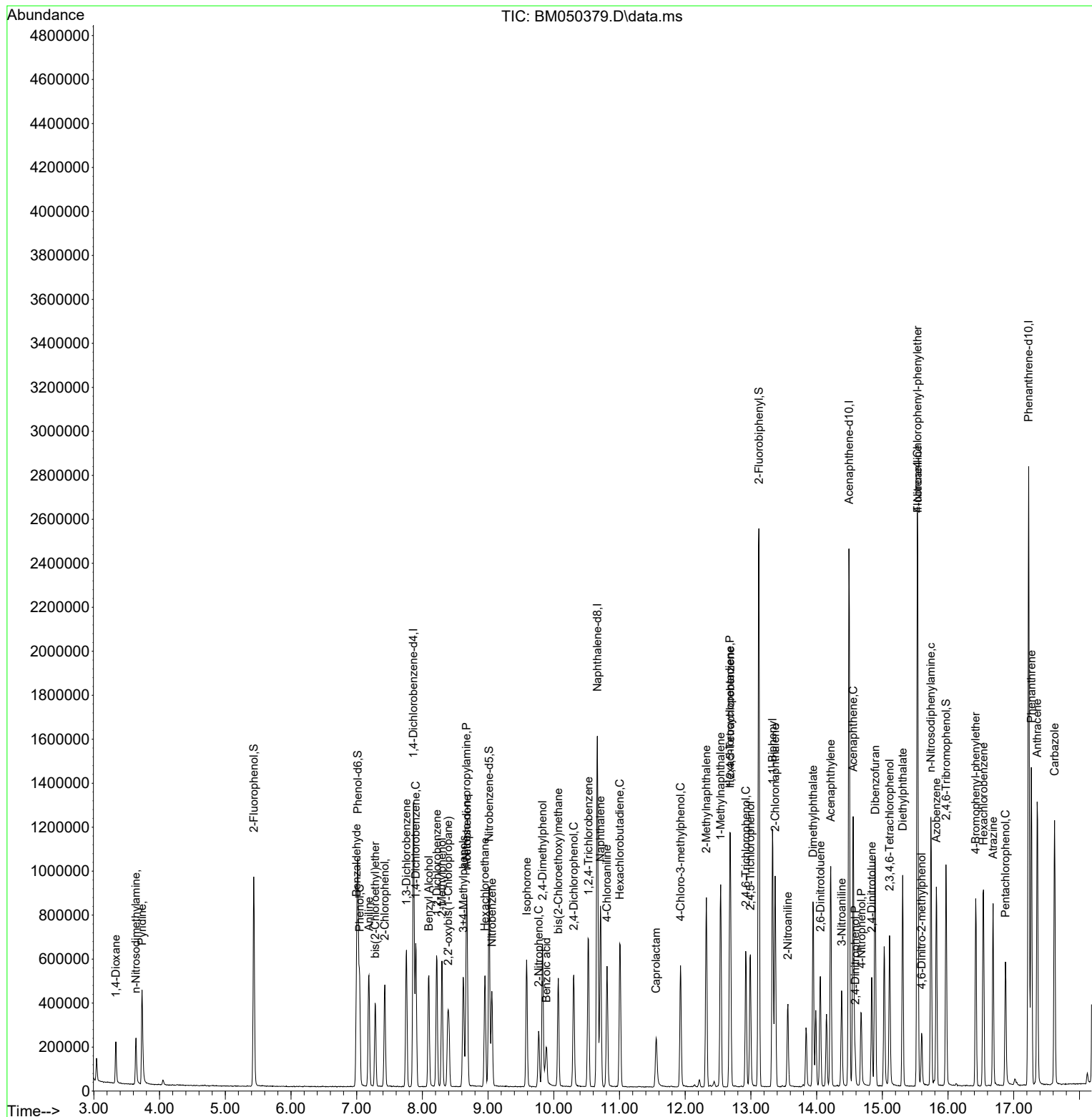
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

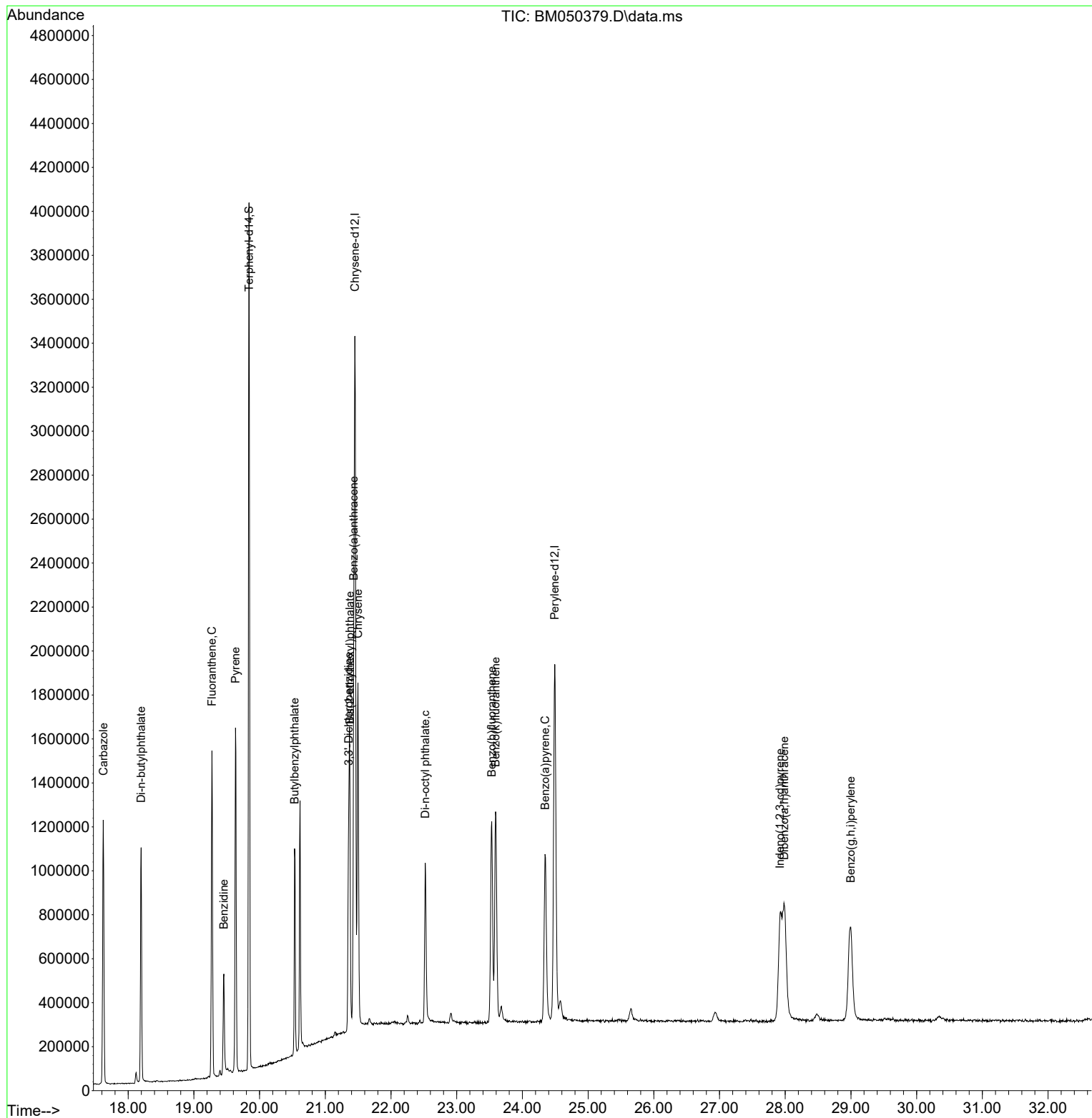
Quant Time: Jul 08 18:20:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

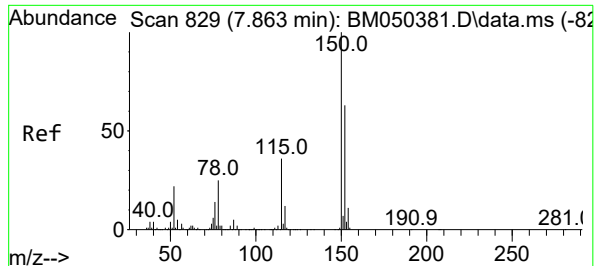


Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations

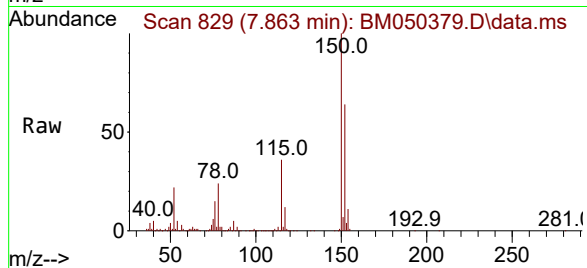
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

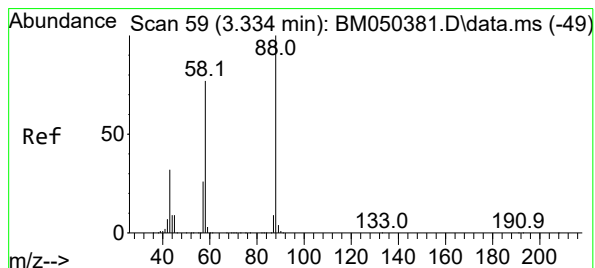
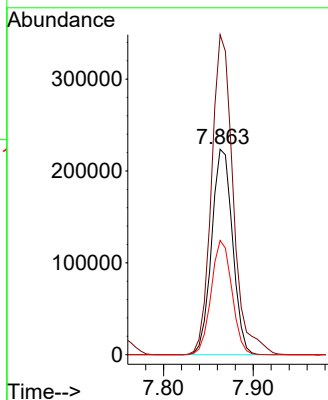
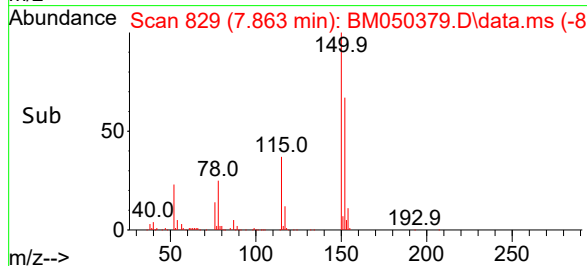
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 36196
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 55.6 45.8 68.8

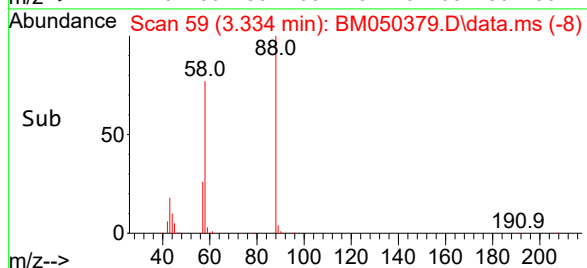
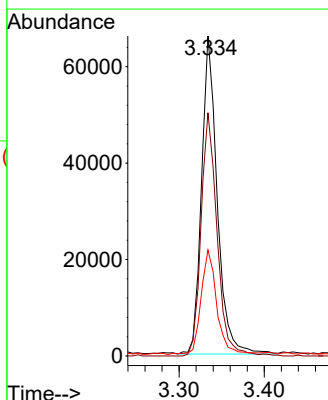
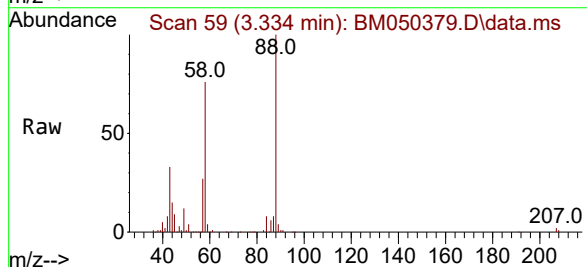
Manual Integrations
APPROVED

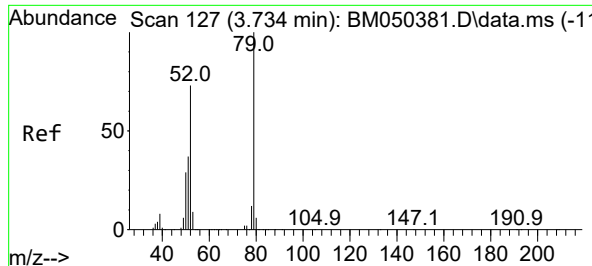
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#2
1,4-Dioxane
Concen: 9.752 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

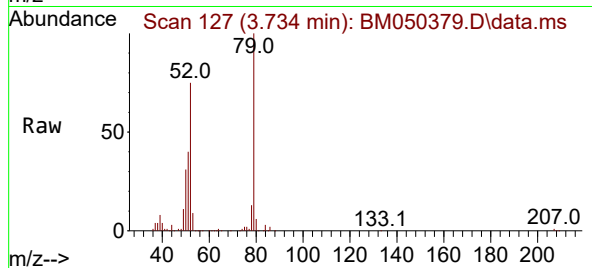
Tgt Ion: 88 Resp: 84322
Ion Ratio Lower Upper
88 100
58 78.0 61.0 91.6
43 33.0 24.6 37.0





#3
Pyridine
Concen: 9.541 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

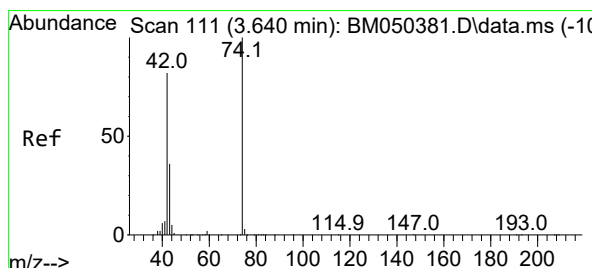
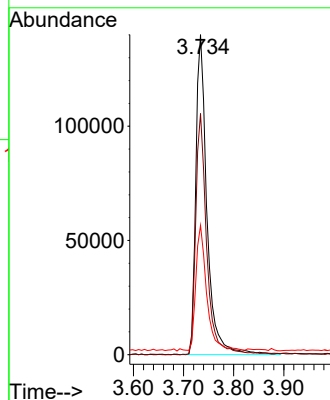
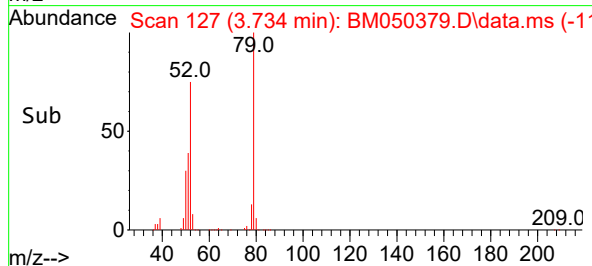
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 79 Resp: 216590
Ion Ratio Lower Upper
79 100
52 75.4 58.3 87.5
51 40.4 29.6 44.4

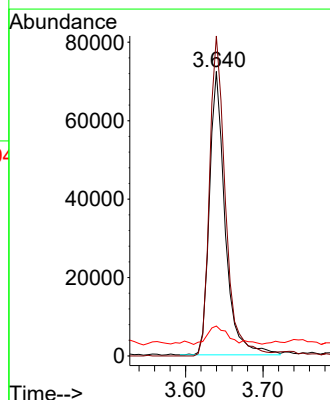
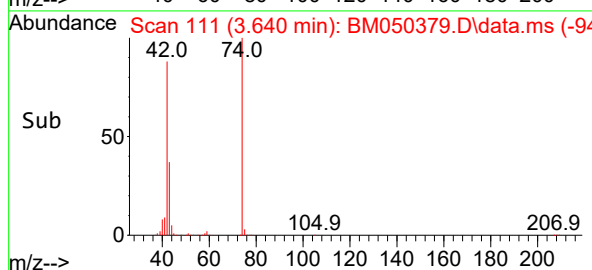
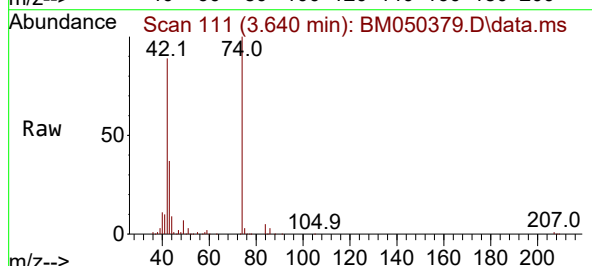
Manual Integrations
APPROVED

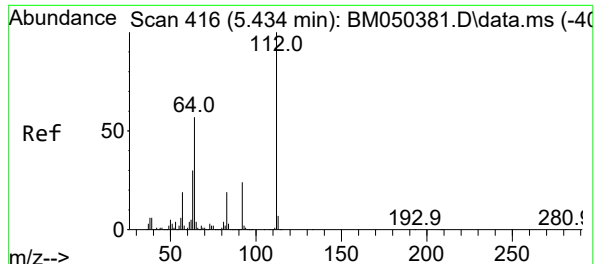
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#4
n-Nitrosodimethylamine
Concen: 9.602 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 42 Resp: 101622
Ion Ratio Lower Upper
42 100
74 112.5 97.5 146.3
44 10.5 5.7 8.5





#5

2-Fluorophenol

Concen: 18.566 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050379.D

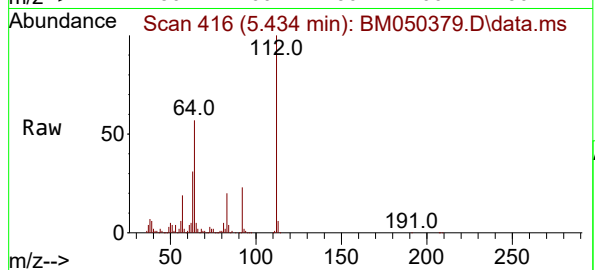
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



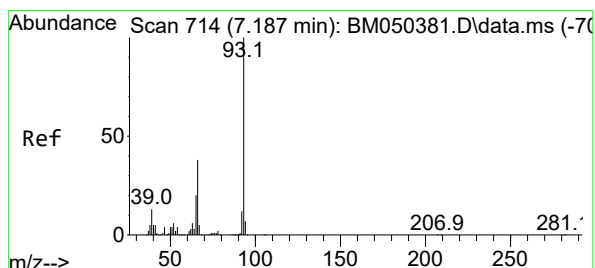
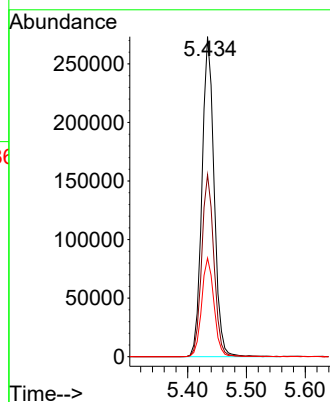
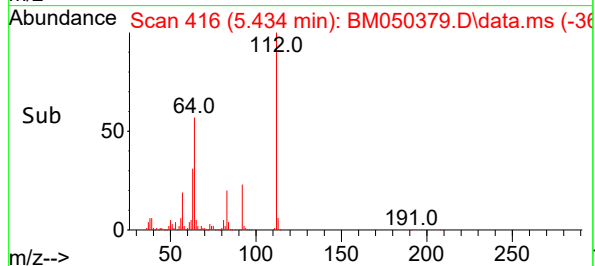
Tgt Ion:	112	Resp:	39041
Ion Ratio	Lower	Upper	
112	100		
64	56.9	45.5	68.3
63	30.8	24.2	36.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#6

Aniline

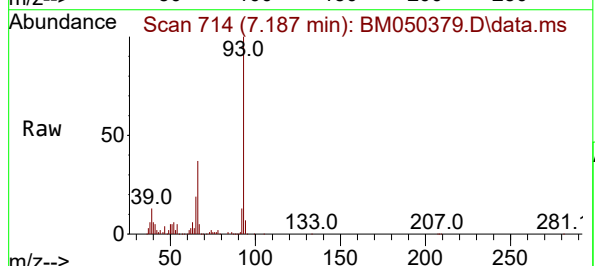
Concen: 9.054 ng

RT: 7.187 min Scan# 714

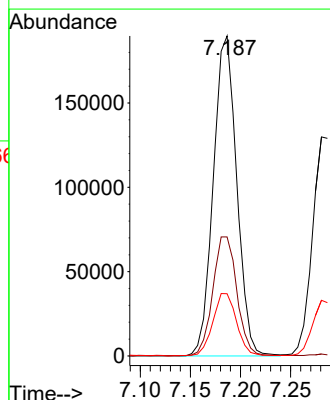
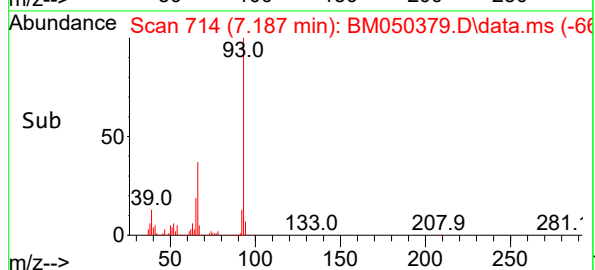
Delta R.T. 0.000 min

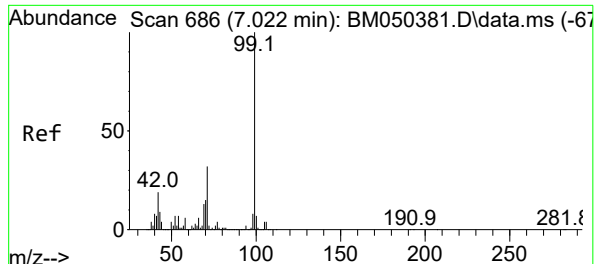
Lab File: BM050379.D

Acq: 08 Jul 2025 14:00



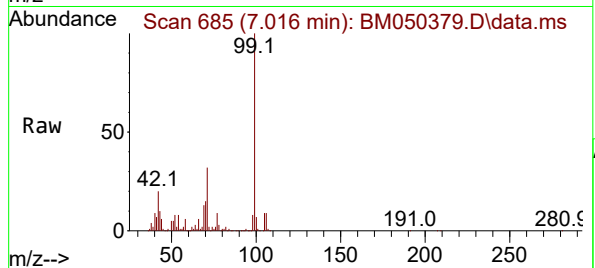
Tgt Ion:	93	Resp:	308012
Ion Ratio	Lower	Upper	
93	100		
66	37.2	30.5	45.7
65	19.5	15.9	23.9





#7
Phenol-d6
Concen: 18.122 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

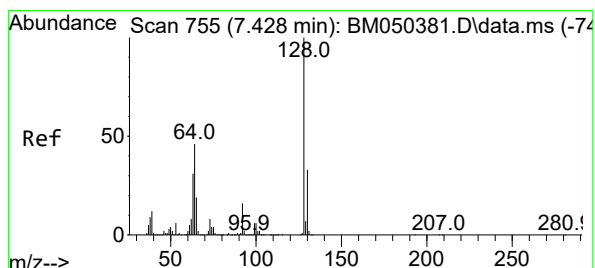
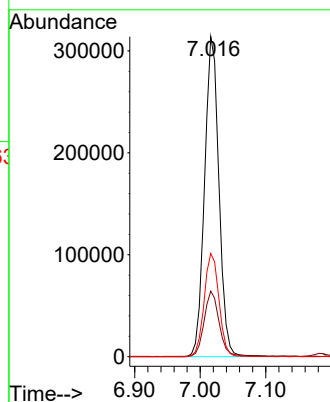
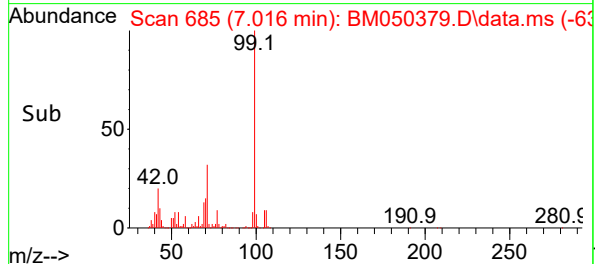
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 99 Resp: 480384
Ion Ratio Lower Upper
99 100
42 20.5 15.0 22.6
71 32.2 25.9 38.9

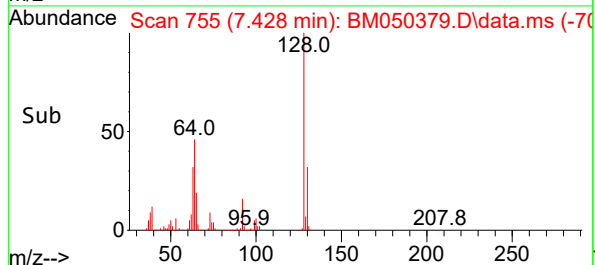
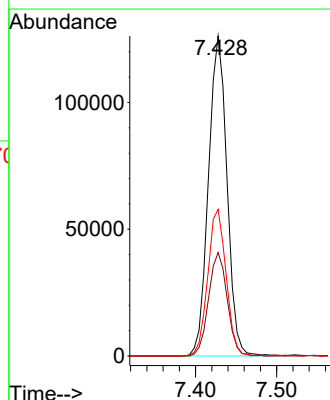
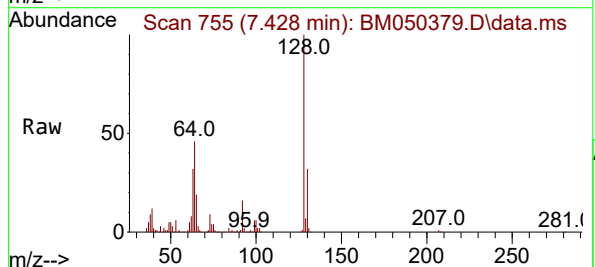
Manual Integrations
APPROVED

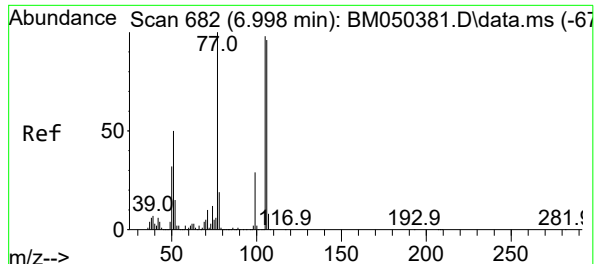
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#8
2-Chlorophenol
Concen: 9.022 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:128 Resp: 200037
Ion Ratio Lower Upper
128 100
130 32.3 13.3 53.3
64 45.8 25.6 65.6





#9

Benzaldehyde

Concen: 10.835 ng m

RT: 6.998 min Scan# 682

Delta R.T. 0.000 min

Lab File: BM050379.D

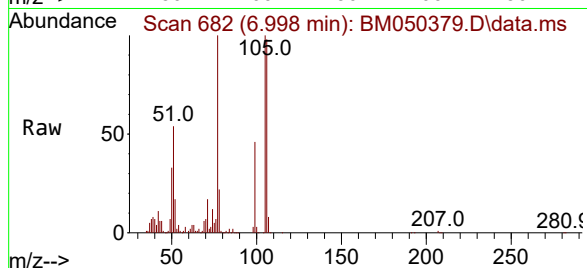
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion: 77 Resp: 170879

Ion Ratio Lower Upper

77 100

105 99.7 78.4 118.4

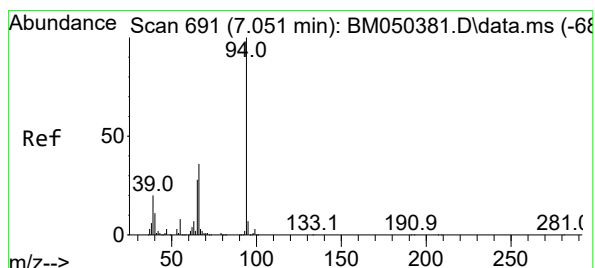
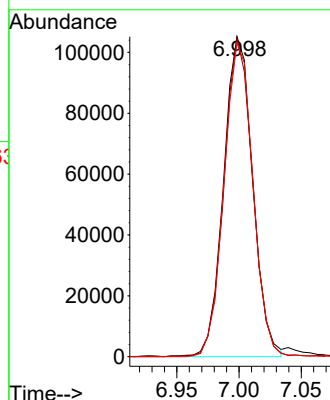
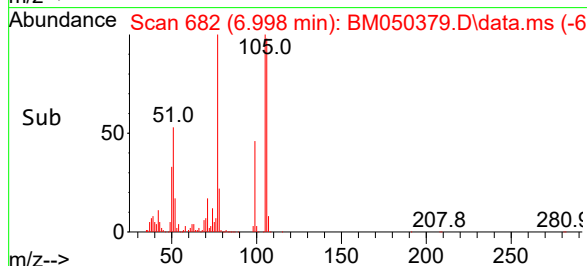
106 98.0 76.3 116.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#10

Phenol

Concen: 9.242 ng

RT: 7.045 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

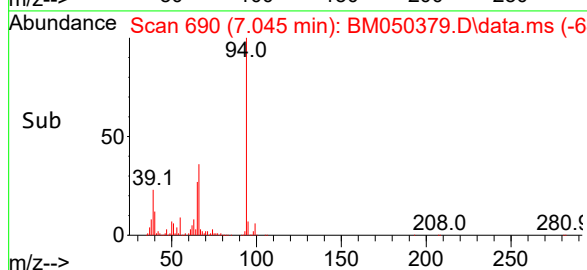
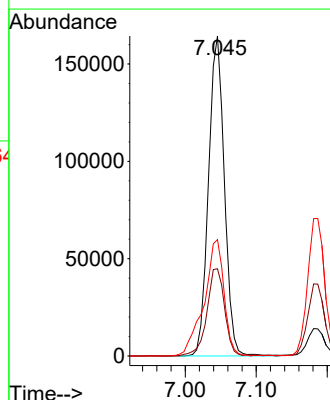
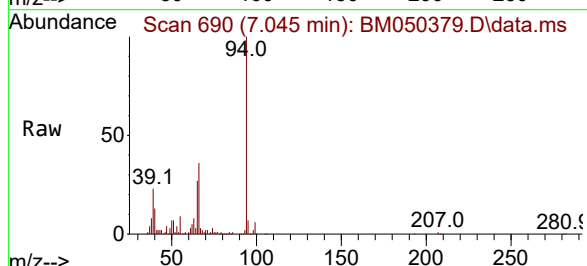
Tgt Ion: 94 Resp: 255531

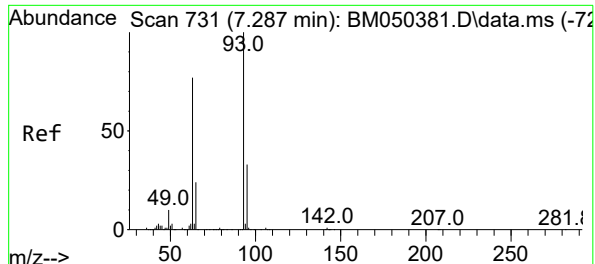
Ion Ratio Lower Upper

94 100

65 27.3 8.1 48.1

66 36.4 15.8 55.8





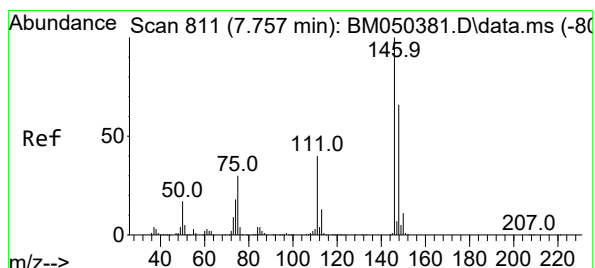
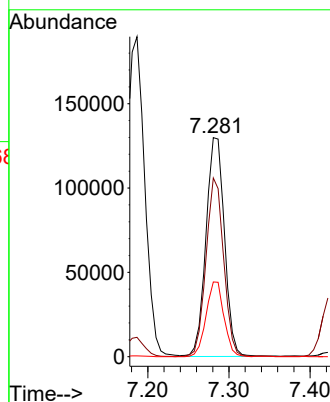
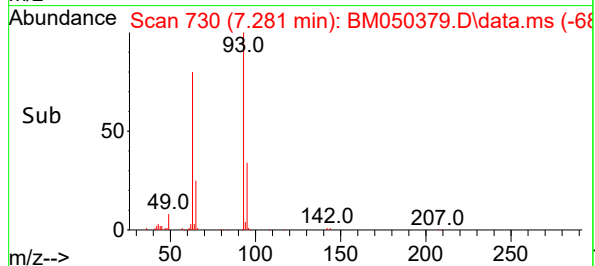
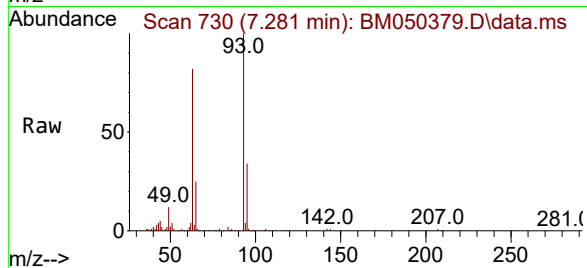
#11
bis(2-Chloroethyl)ether
Concen: 9.265 ng
RT: 7.281 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 20515
Ion Ratio Lower Upper
93 100
63 81.6 56.9 96.9
95 34.1 12.6 52.6

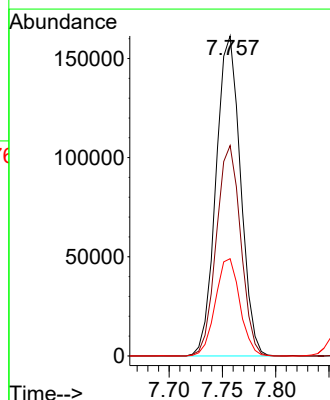
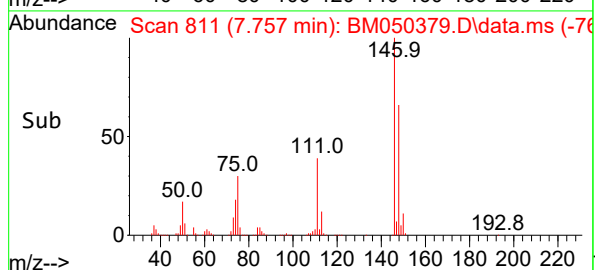
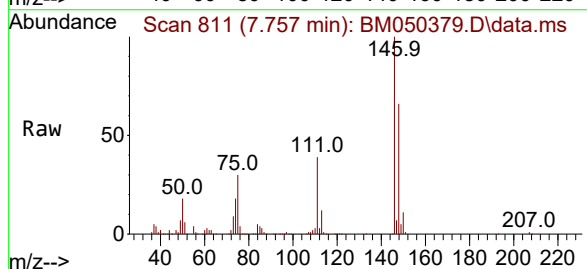
Manual Integrations
APPROVED

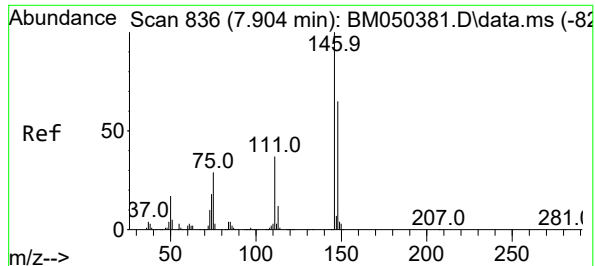
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 257848
Ion Ratio Lower Upper
146 100
148 65.7 53.2 79.8
75 30.4 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 9.592 ng

RT: 7.898 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 264062

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

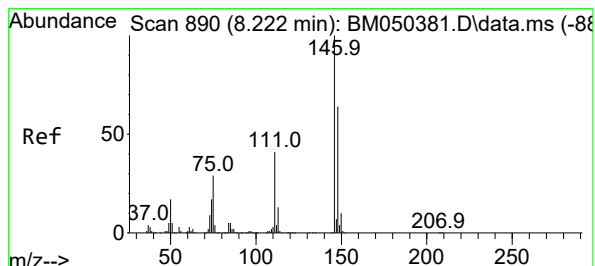
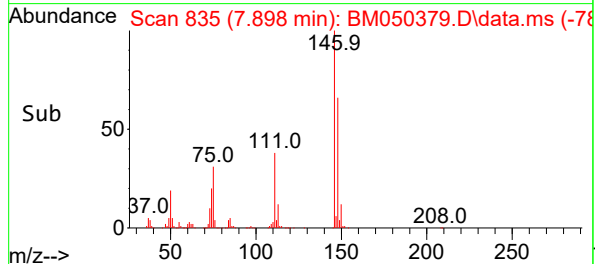
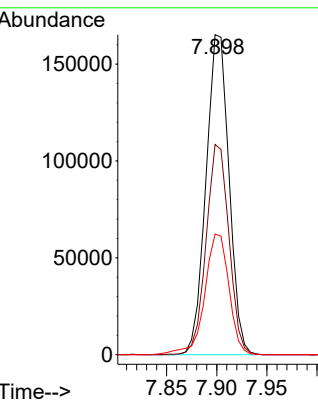
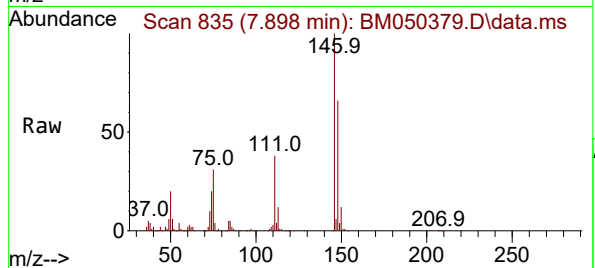
111 37.7 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#14

1,2-Dichlorobenzene

Concen: 9.577 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

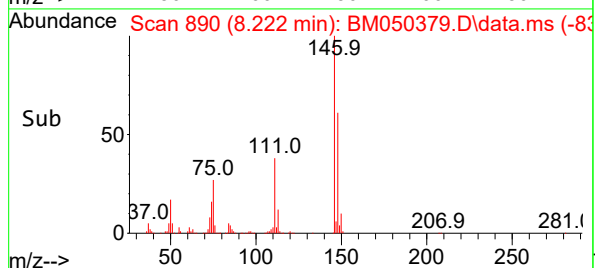
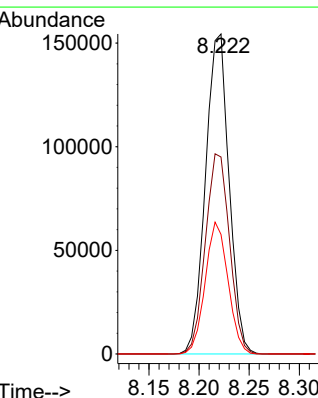
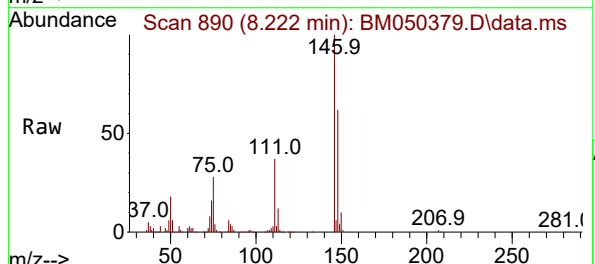
Tgt Ion:146 Resp: 252415

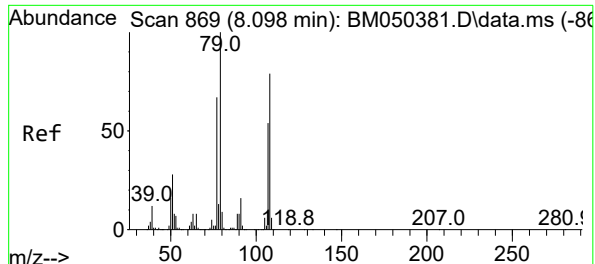
Ion Ratio Lower Upper

146 100

148 61.5 51.5 77.3

111 37.4 32.6 49.0





#15

Benzyl Alcohol

Concen: 8.790 ng

RT: 8.098 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 16418

Ion Ratio Lower Upper

79 100

108 82.4 63.0 94.4

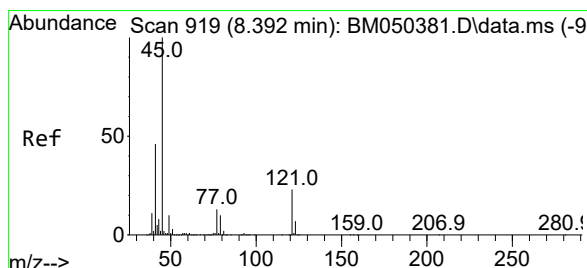
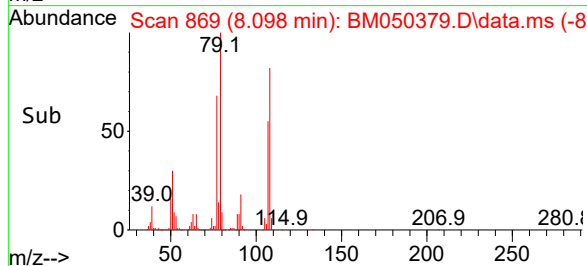
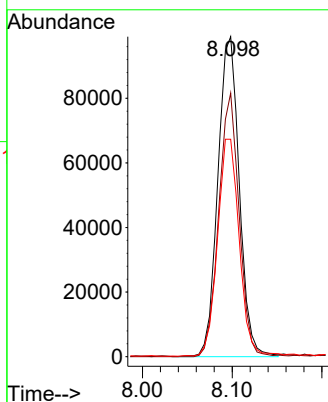
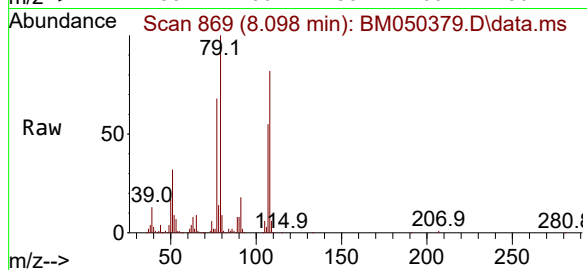
77 67.9 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.659 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

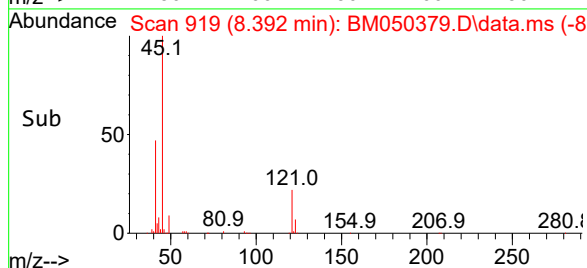
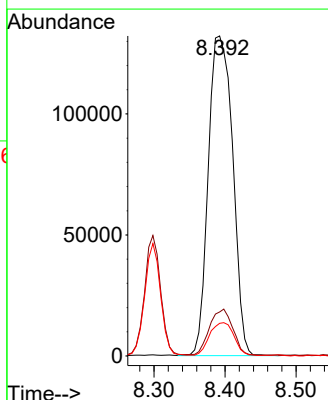
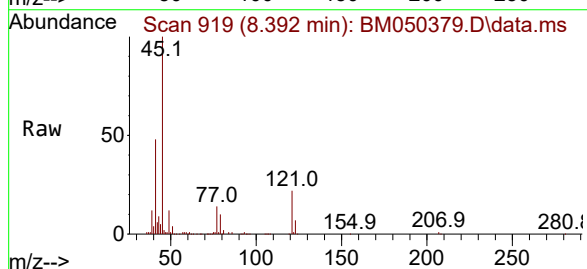
Tgt Ion: 45 Resp: 315036

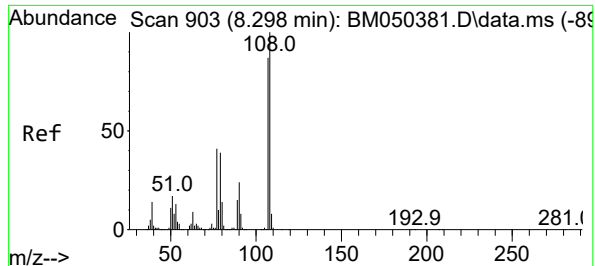
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

79 10.2 0.0 30.3





#17

2-Methylphenol

Concen: 9.067 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050379.D

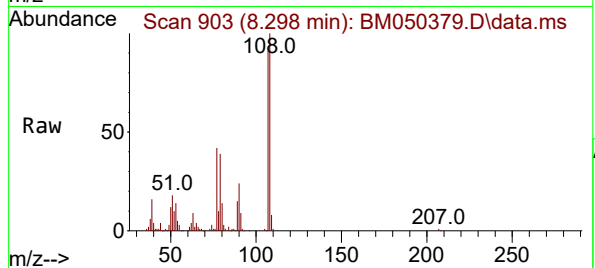
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



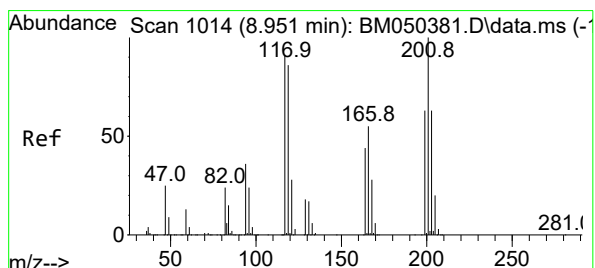
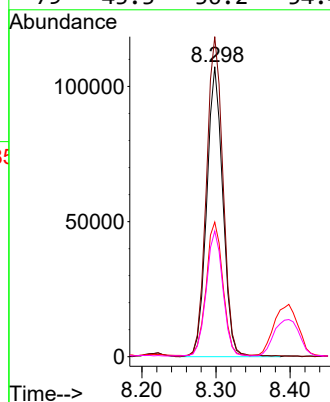
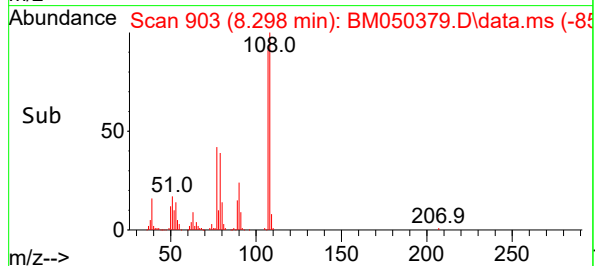
Tgt Ion:	107	Resp:	162594
Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.1	138.1
77	46.4	38.2	57.4
79	43.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#18

Hexachloroethane

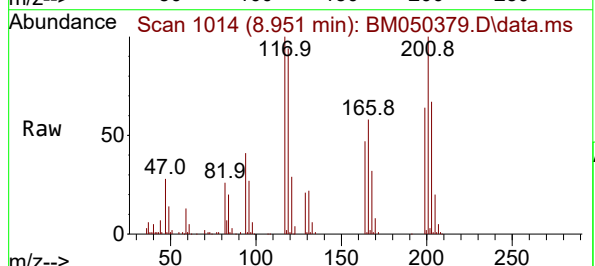
Concen: 9.370 ng

RT: 8.951 min Scan# 1014

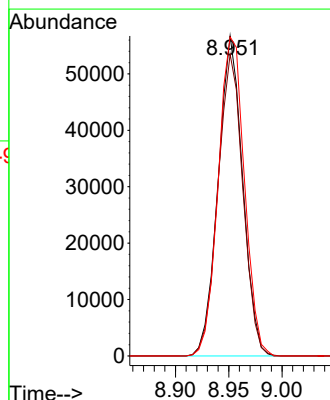
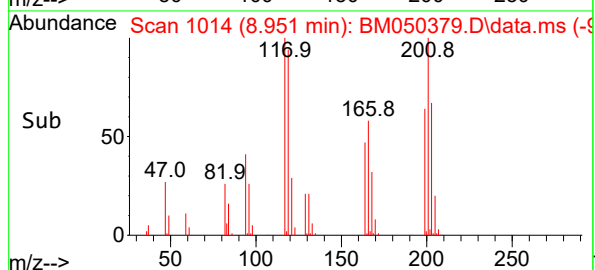
Delta R.T. 0.000 min

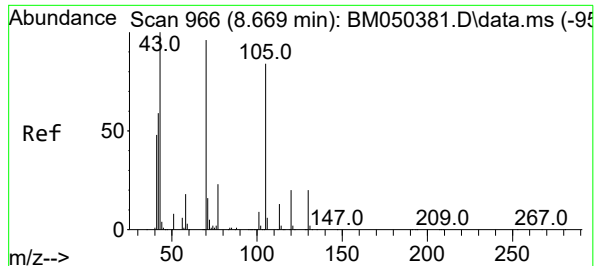
Lab File: BM050379.D

Acq: 08 Jul 2025 14:00



Tgt Ion:	117	Resp:	90719
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.6	113.4
201	99.7	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 9.106 ng

RT: 8.669 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM050379.D

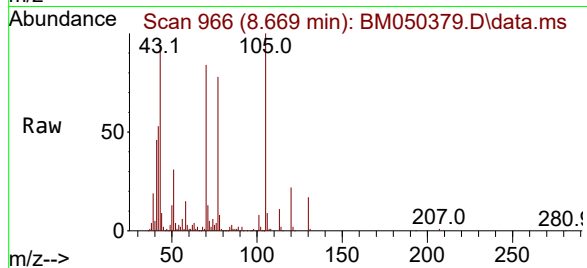
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 146225

Ion Ratio Lower Upper

70 100

42 63.7 49.7 74.5

101 10.0 7.7 11.5

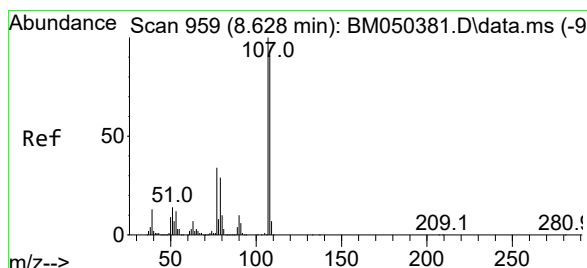
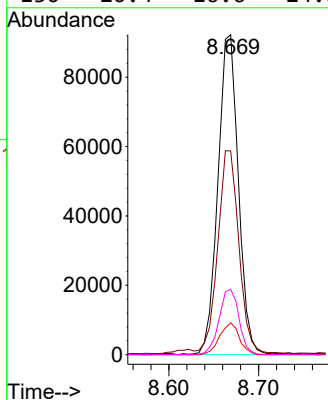
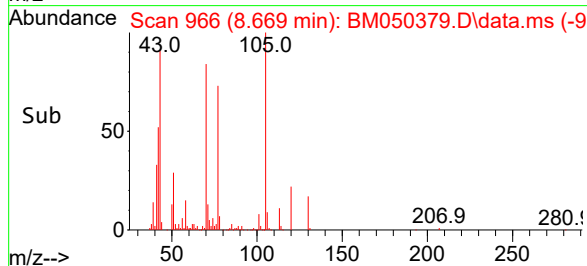
130 20.4 16.6 24.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#20

3+4-Methylphenols

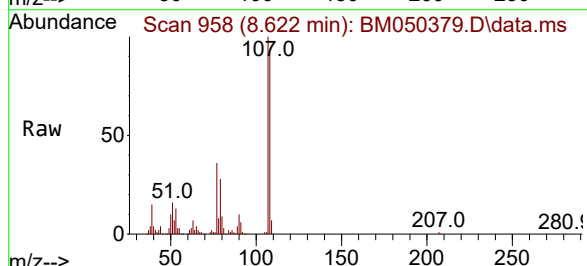
Concen: 8.798 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00



Tgt Ion:107 Resp: 211795

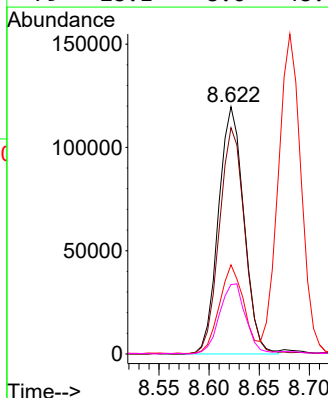
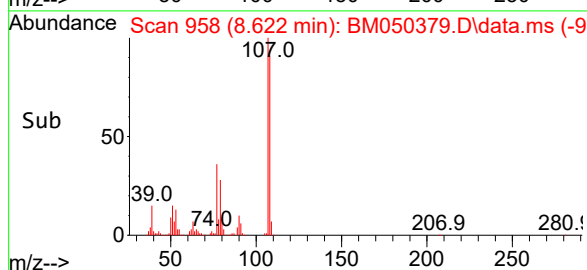
Ion Ratio Lower Upper

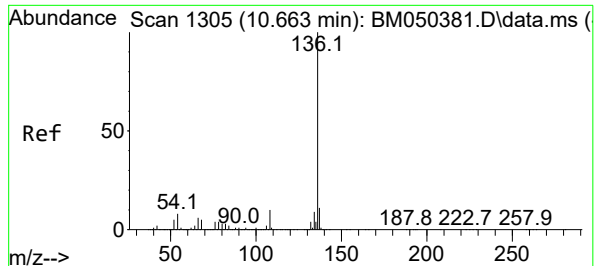
107 100

108 91.5 71.5 111.5

77 36.1 13.7 53.7

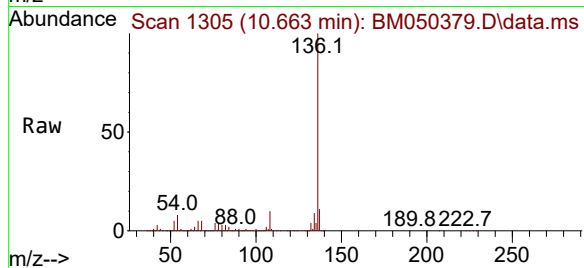
79 28.1 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

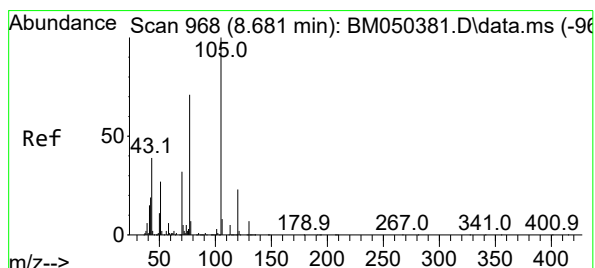
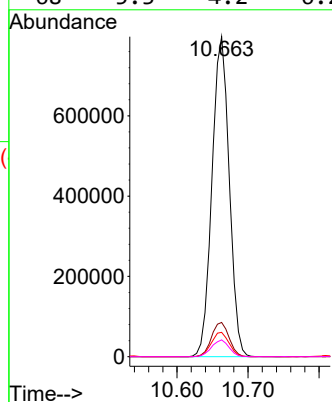
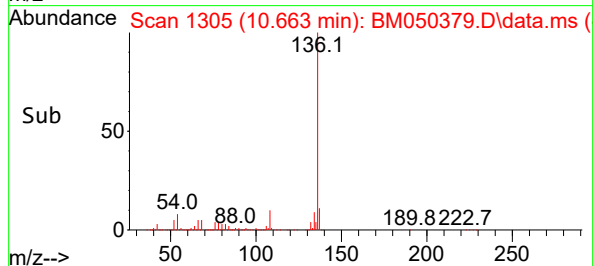
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 134213
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 5.3 4.2 6.2

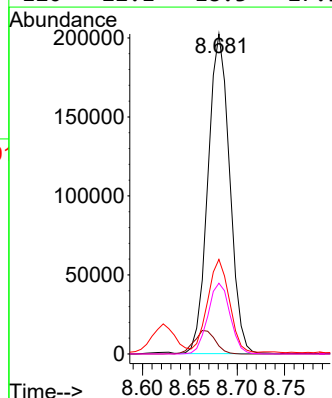
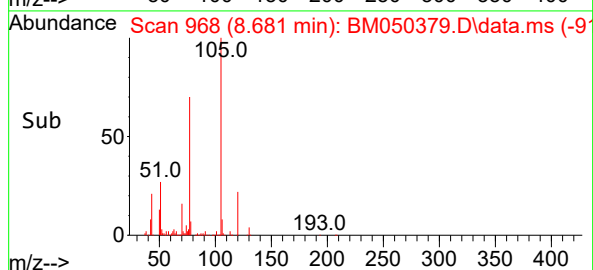
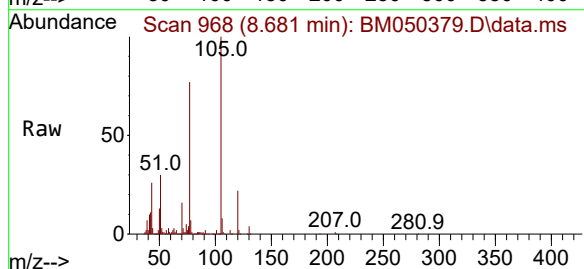
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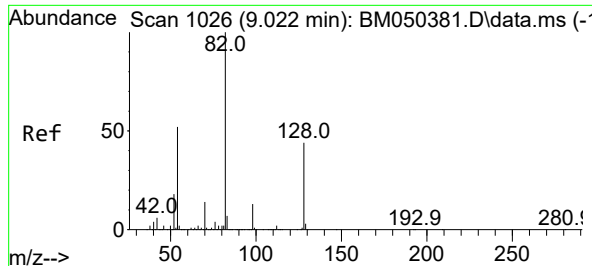
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#22
Acetophenone
Concen: 9.576 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:105 Resp: 321333
Ion Ratio Lower Upper
105 100
71 2.5 4.4 6.6#
51 29.6 23.0 34.6
120 22.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 18.129 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 476920

Ion Ratio Lower Upper

82 100

128 42.6 35.2 52.8

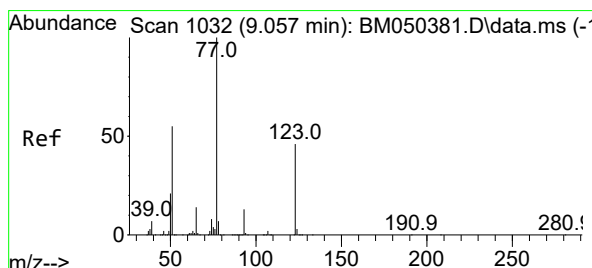
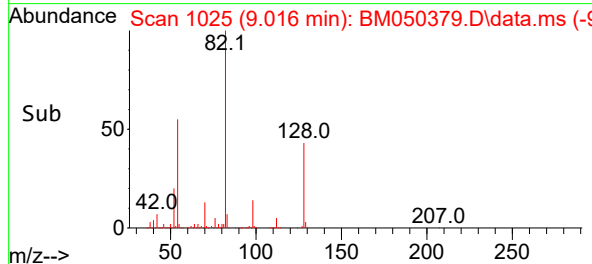
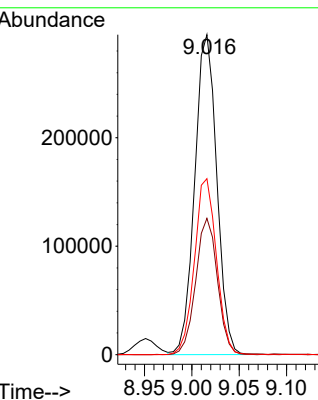
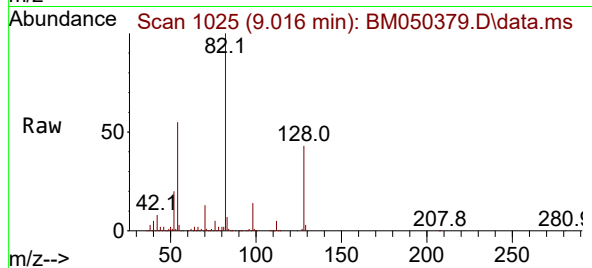
54 55.0 41.5 62.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#24

Nitrobenzene

Concen: 9.408 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

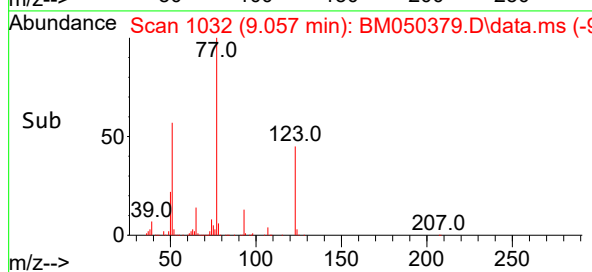
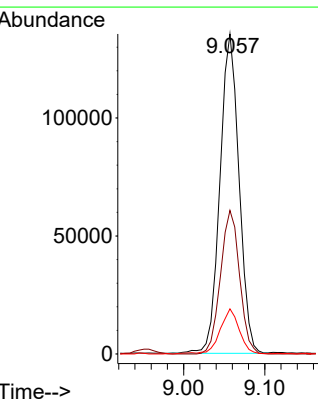
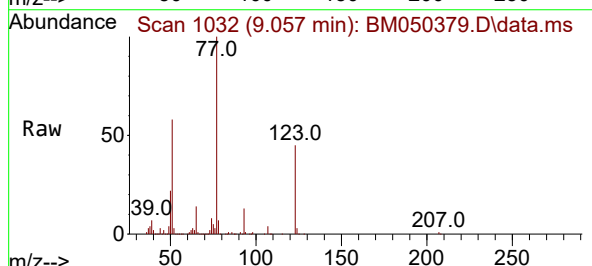
Tgt Ion: 77 Resp: 220849

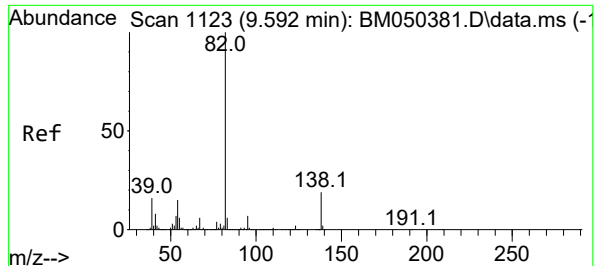
Ion Ratio Lower Upper

77 100

123 44.8 37.0 55.6

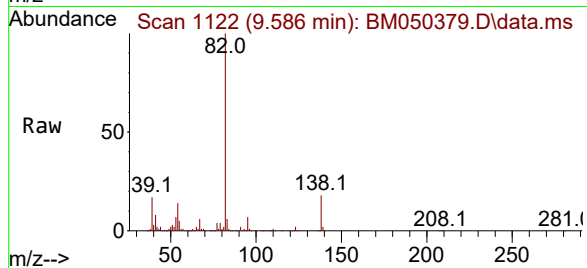
65 14.1 11.0 16.4





#25
Isophorone
Concen: 9.031 ng
RT: 9.586 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

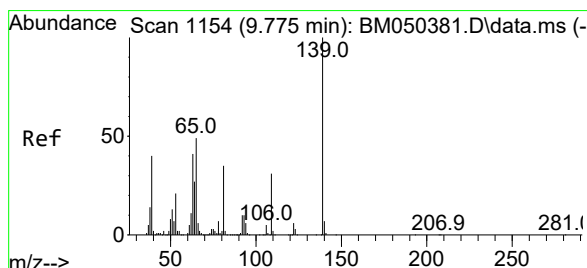
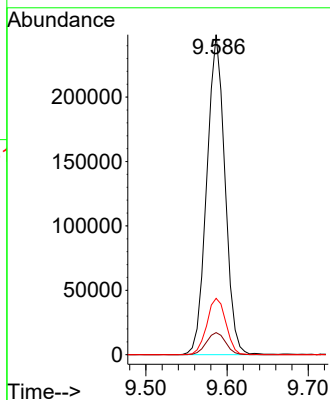
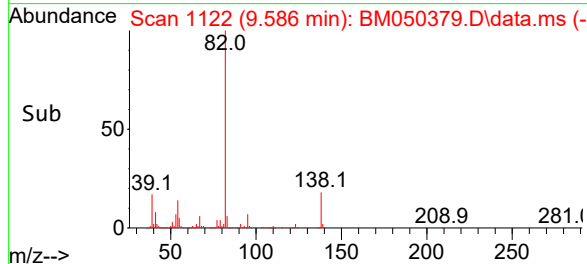
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 385498
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.6 15.3 22.9

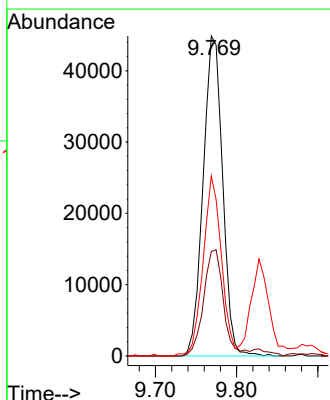
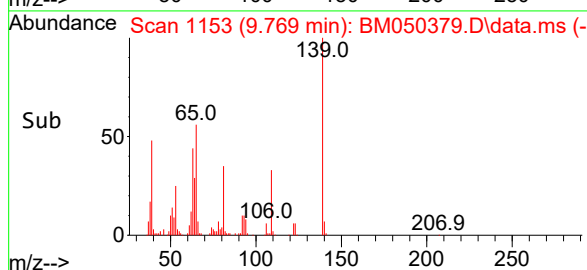
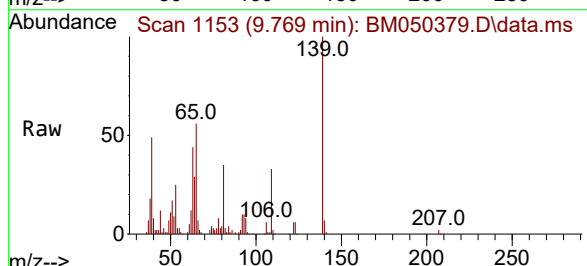
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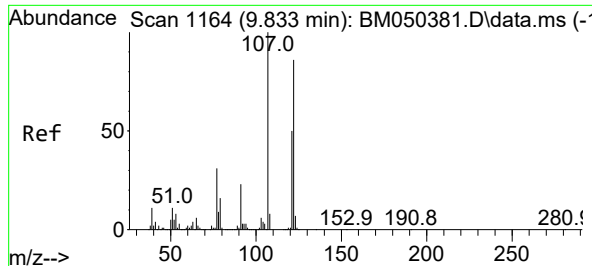
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#26
2-Nitrophenol
Concen: 7.822 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

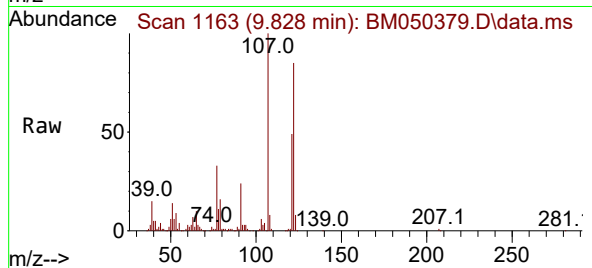
Tgt Ion:139 Resp: 74836
Ion Ratio Lower Upper
139 100
109 32.6 24.6 36.8
65 56.3 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 9.073 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

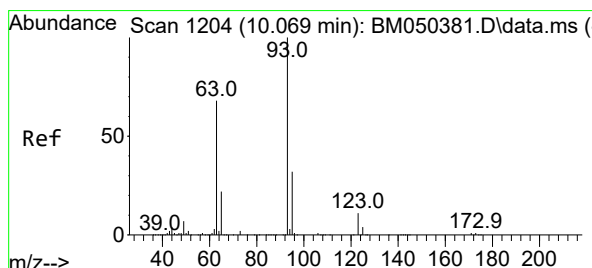
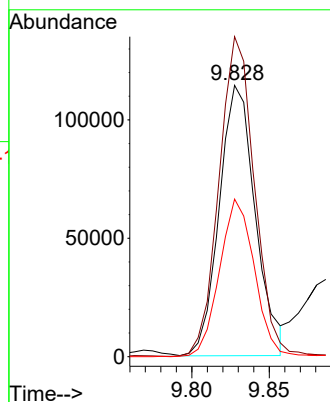
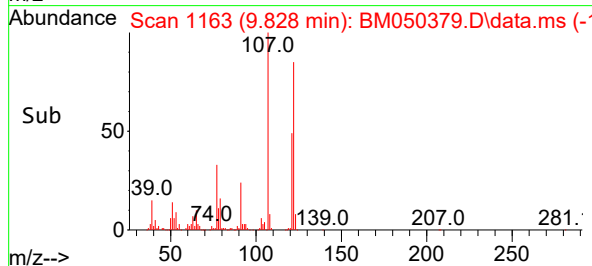
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:122 Resp: 184710
Ion Ratio Lower Upper
122 100
107 117.9 93.0 139.6
121 58.1 46.1 69.1

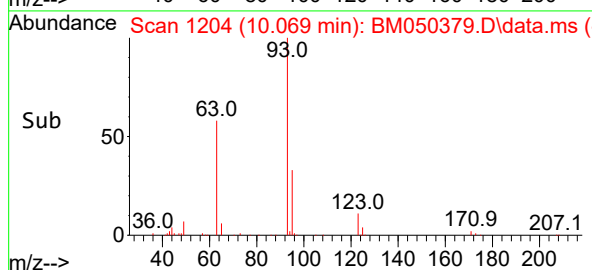
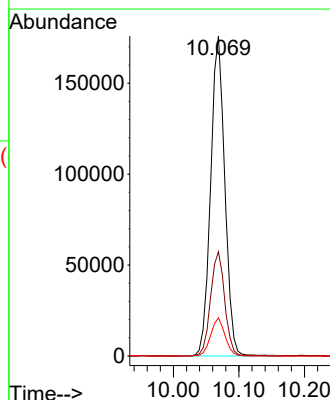
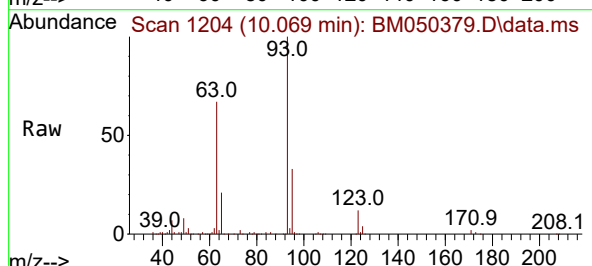
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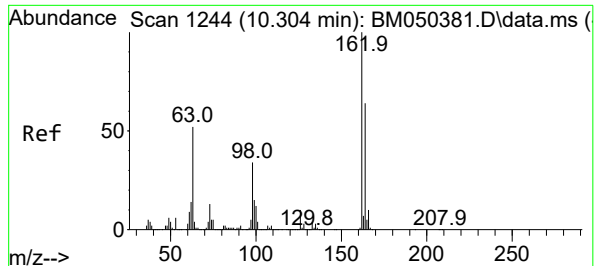
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 9.361 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

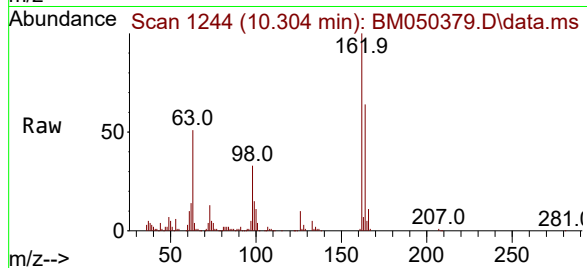
Tgt Ion: 93 Resp: 264798
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.6
123 11.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 8.961 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

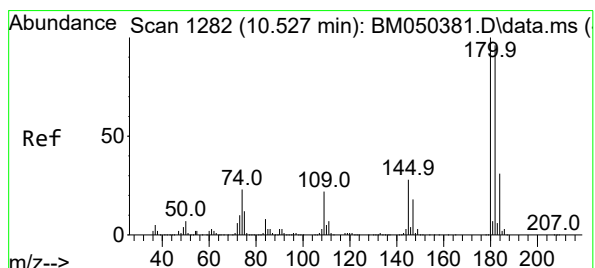
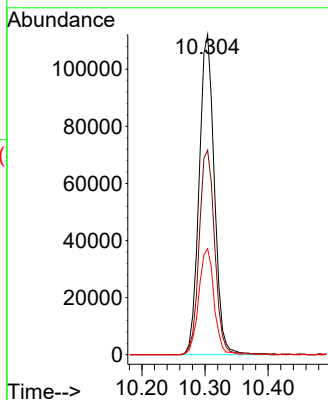
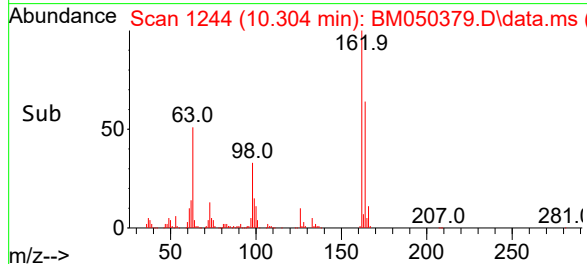
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



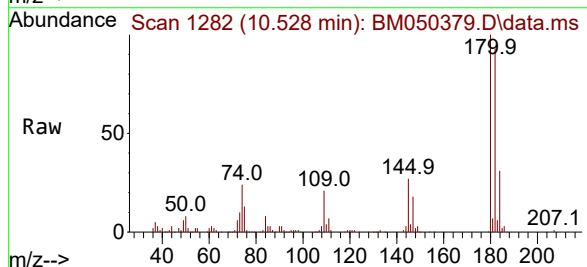
Tgt Ion:162 Resp: 18742
Ion Ratio Lower Upper
162 100
164 63.9 43.7 83.7
98 33.1 13.7 53.7

Manual Integrations
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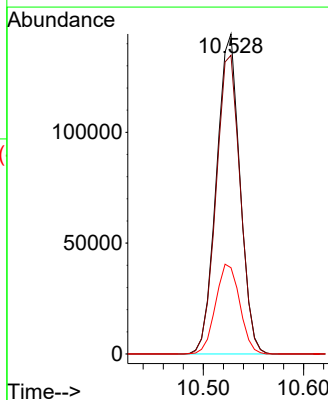
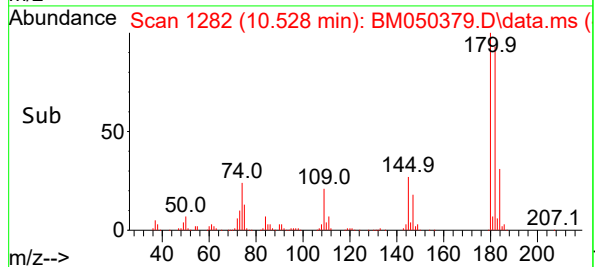
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

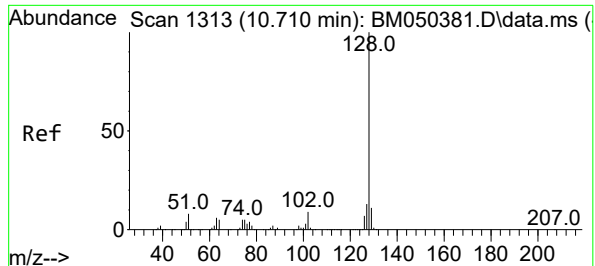


#30
1,2,4-Trichlorobenzene
Concen: 9.364 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



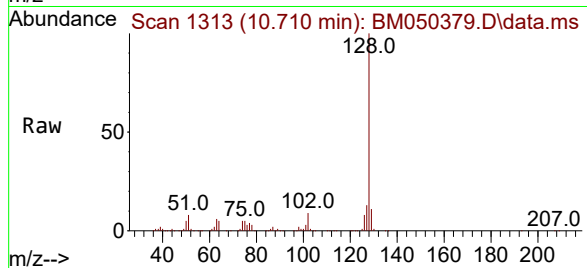
Tgt Ion:180 Resp: 234305
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 27.0 22.6 33.8





#31
Naphthalene
Concen: 9.593 ng
RT: 10.710 min Scan# 11173
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

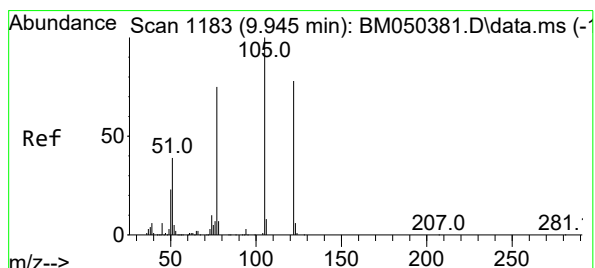
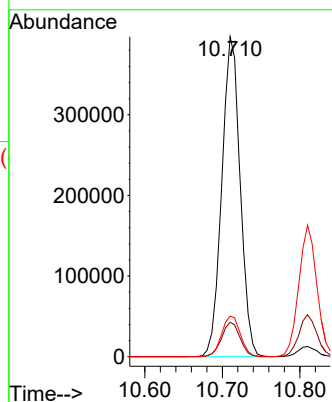
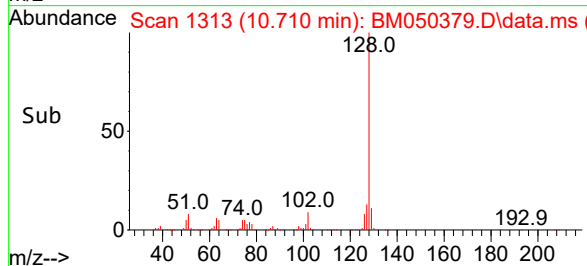
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:128 Resp: 65397
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6

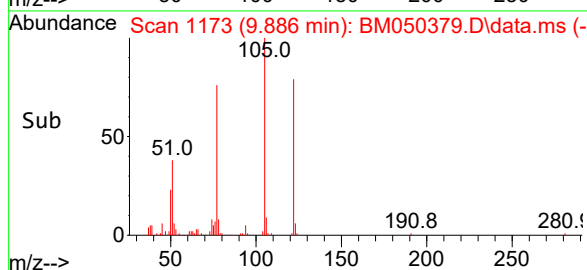
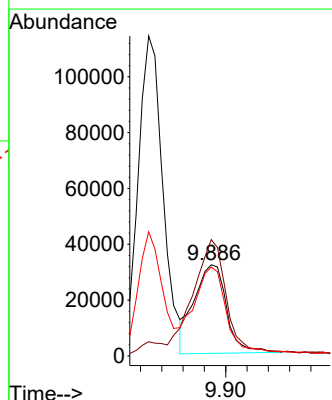
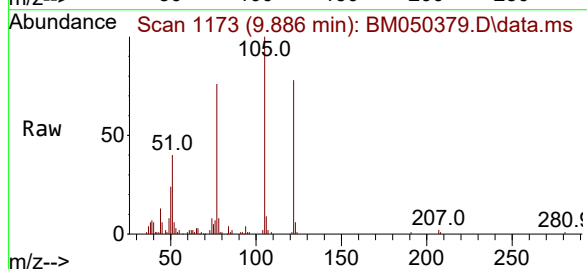
Manual Integrations
APPROVED

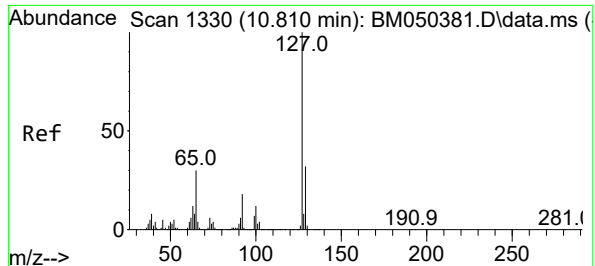
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#32
Benzoic acid
Concen: 10.696 ng
RT: 9.886 min Scan# 1173
Delta R.T. -0.059 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

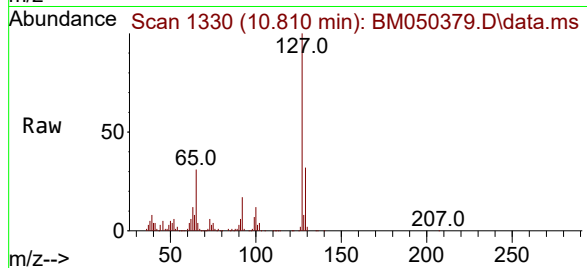
Tgt Ion:122 Resp: 67388
Ion Ratio Lower Upper
122 100
105 127.5 104.0 144.0
77 97.5 73.8 113.8





#33
4-Chloroaniline
Concen: 9.240 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

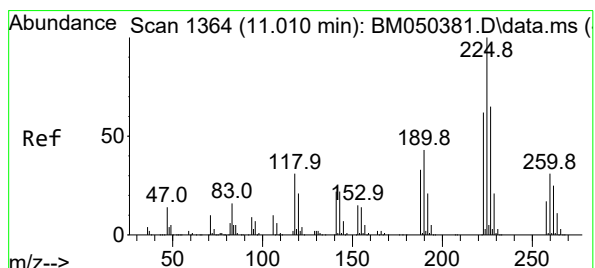
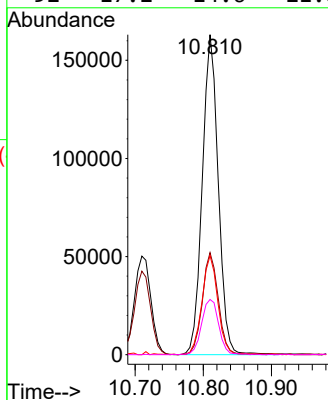
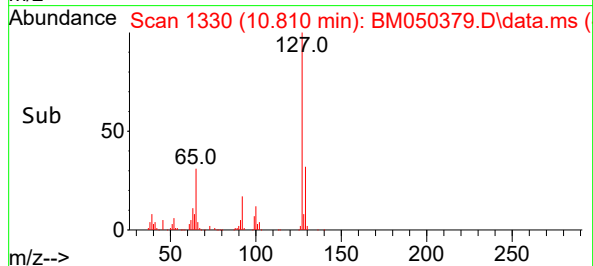
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



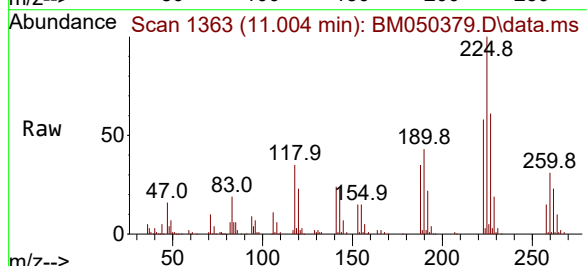
Tgt Ion:127 Resp: 266307
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 31.0 23.9 35.9
92 17.2 14.6 21.8

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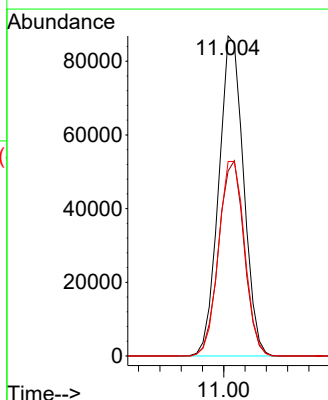
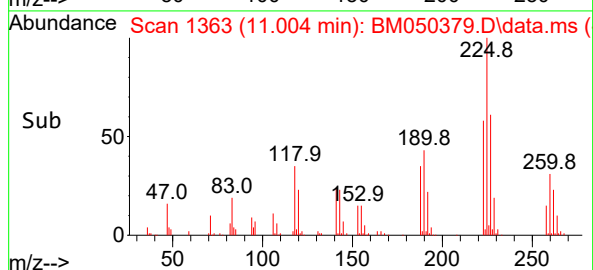
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

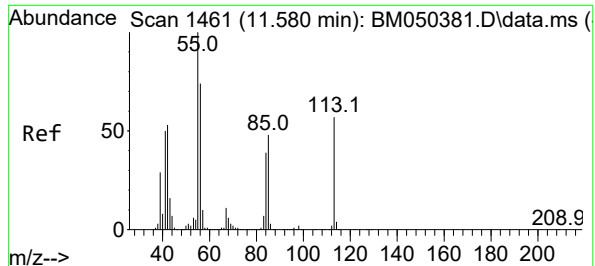


#34
Hexachlorobutadiene
Concen: 9.205 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



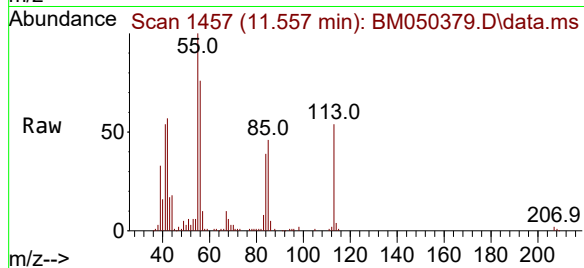
Tgt Ion:225 Resp: 140567
Ion Ratio Lower Upper
225 100
223 57.8 49.7 74.5
227 60.8 52.1 78.1





#35
Caprolactam
Concen: 7.474 ng
RT: 11.557 min Scan# 1461
Delta R.T. -0.023 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

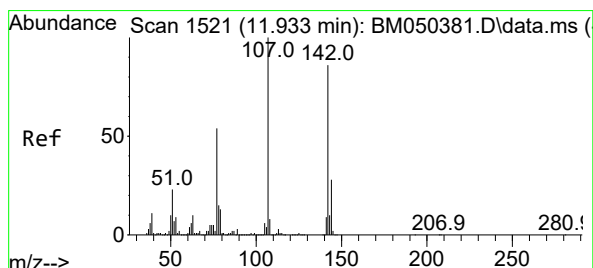
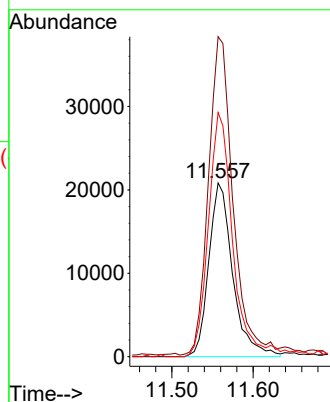
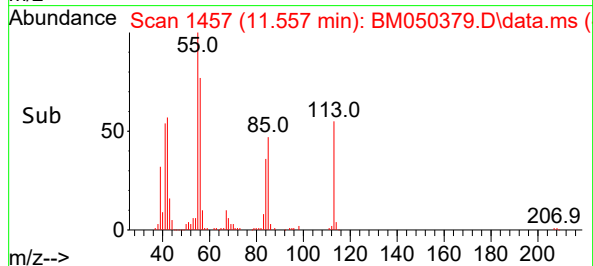
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 42675
Ion Ratio Lower Upper
113 100
55 184.1 157.2 197.2
56 140.5 111.7 151.7

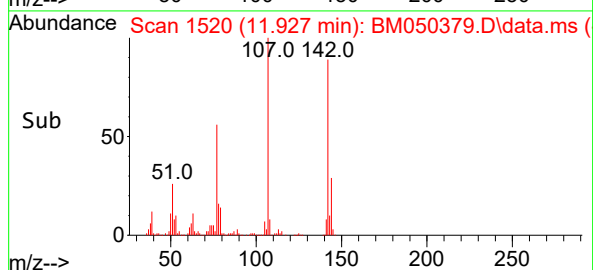
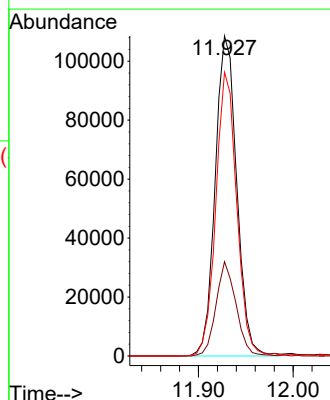
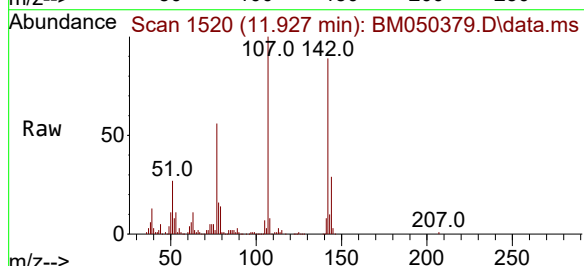
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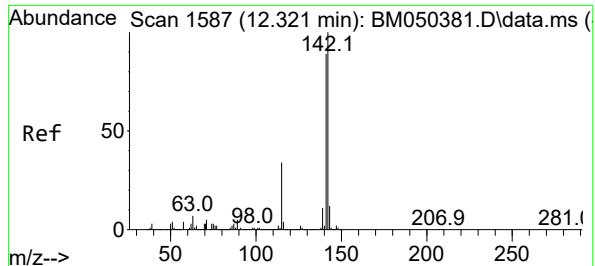
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#36
4-Chloro-3-methylphenol
Concen: 8.781 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

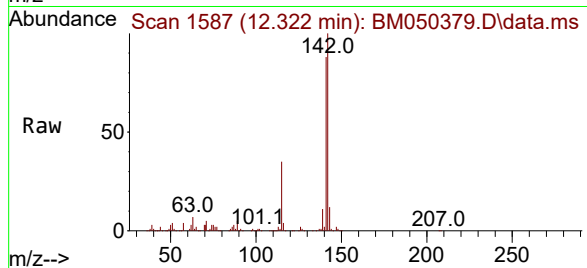
Tgt Ion:107 Resp: 171511
Ion Ratio Lower Upper
107 100
144 29.5 22.2 33.4
142 88.7 68.7 103.1





#37
2-Methylnaphthalene
Concen: 9.283 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

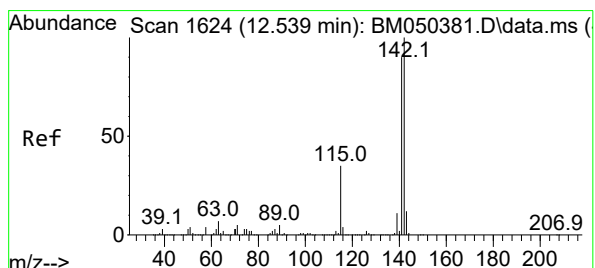
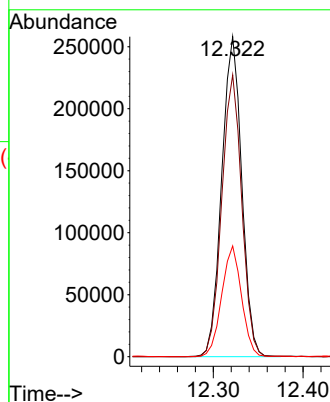
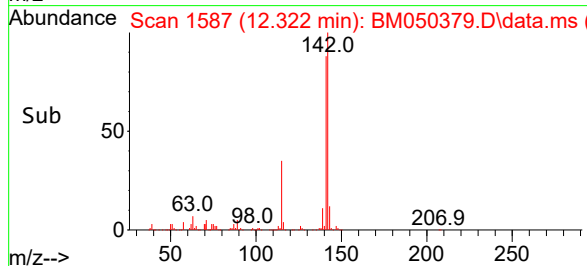
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



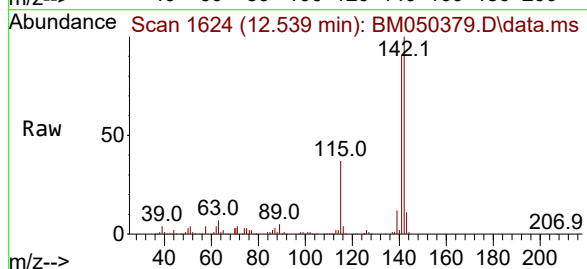
Tgt Ion:142 Resp: 399569
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 34.6 27.0 40.4

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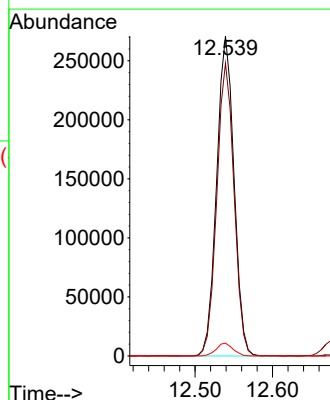
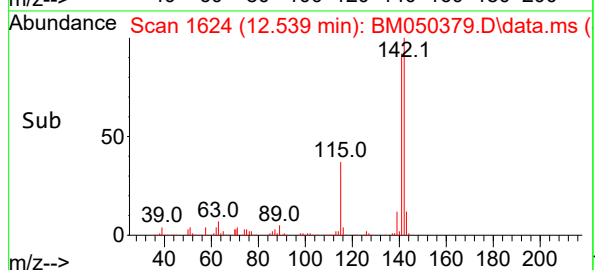
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

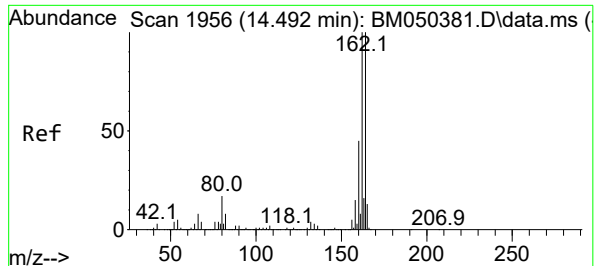


#38
1-Methylnaphthalene
Concen: 9.267 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



Tgt Ion:142 Resp: 422148
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050379.D

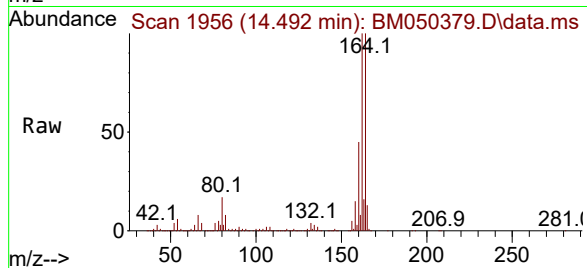
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 846249

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

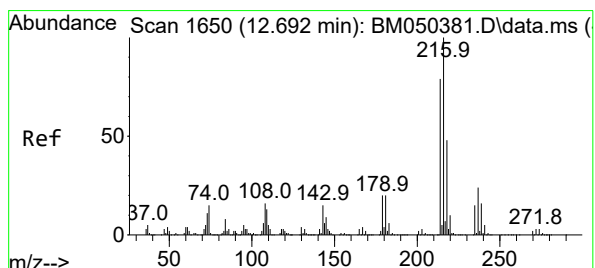
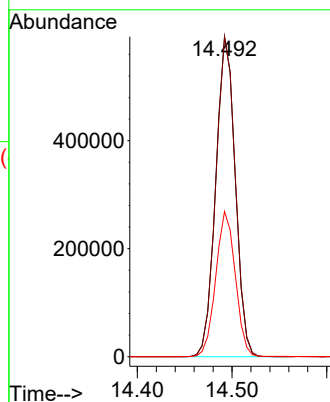
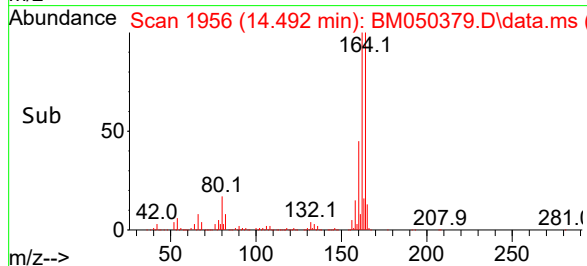
160 45.4 36.2 54.4

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#40

1,2,4,5-Tetrachlorobenzene

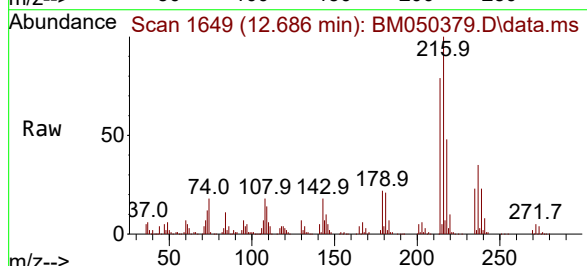
Concen: 8.952 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00



Tgt Ion:216 Resp: 240904

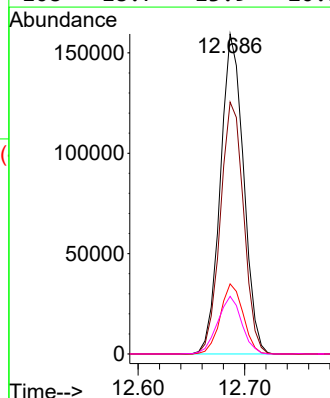
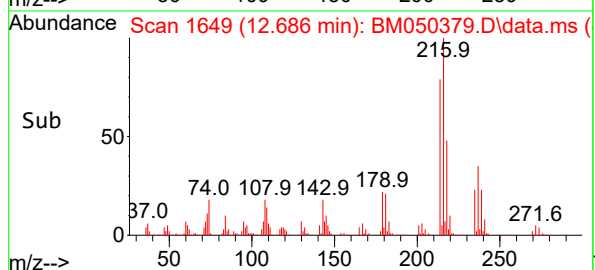
Ion Ratio Lower Upper

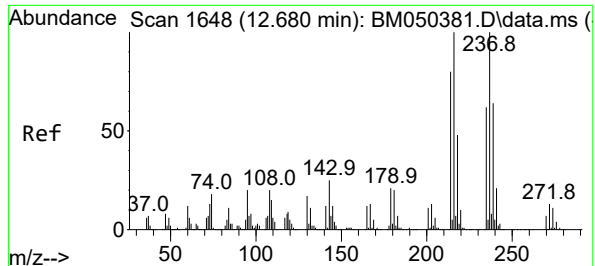
216 100

214 78.9 63.3 94.9

179 21.5 16.4 24.6

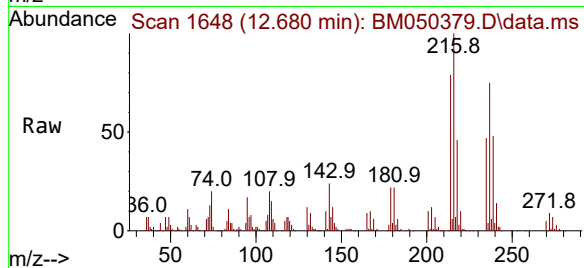
108 18.7 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 7.881 ng
RT: 12.680 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

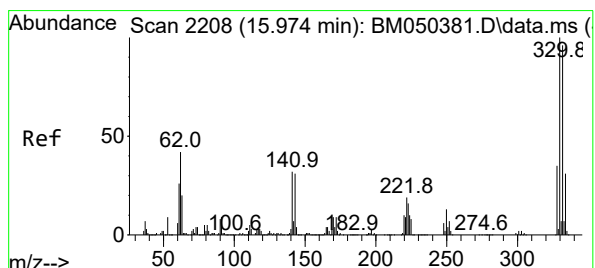
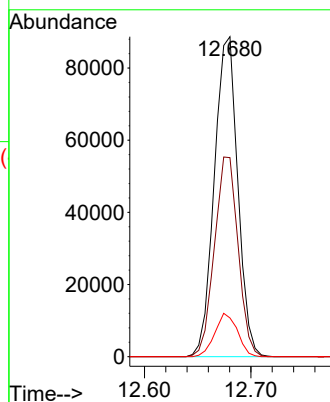
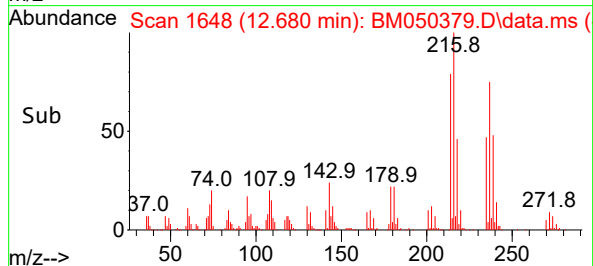
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



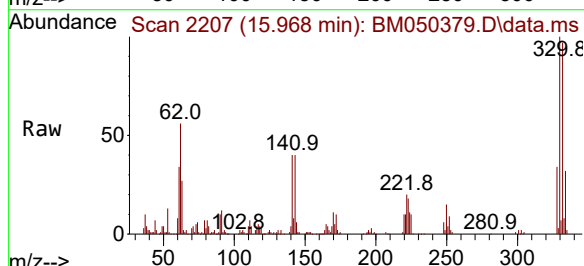
Tgt Ion:237 Resp: 13557
Ion Ratio Lower Upper
237 100
235 62.2 42.3 82.3
272 12.1 0.0 33.0

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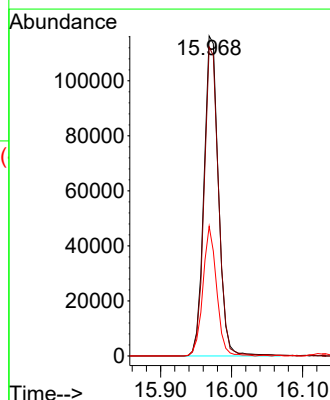
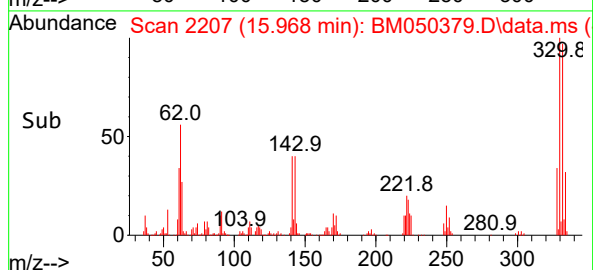
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

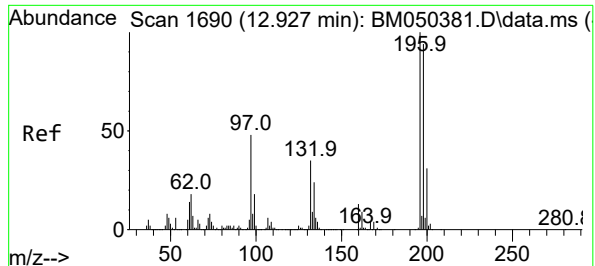


#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



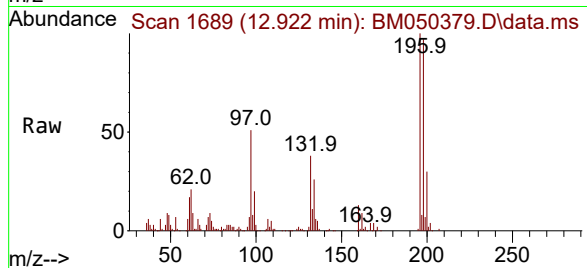
Tgt Ion:330 Resp: 165401
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 38.3 27.4 41.0





#43
2,4,6-Trichlorophenol
Concen: 8.560 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

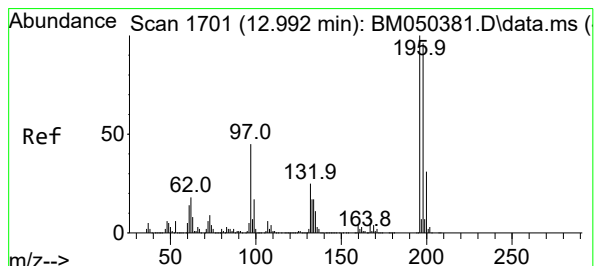
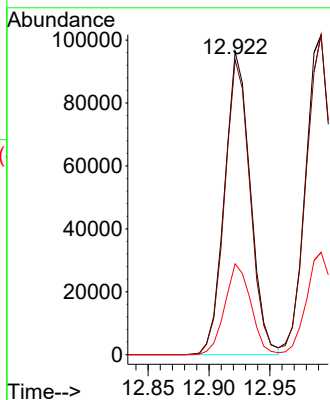
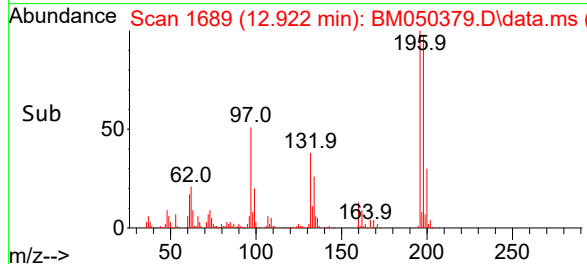
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:196 Resp: 14179
Ion Ratio Lower Upper
196 100
198 97.3 75.1 112.7
200 30.0 24.6 37.0

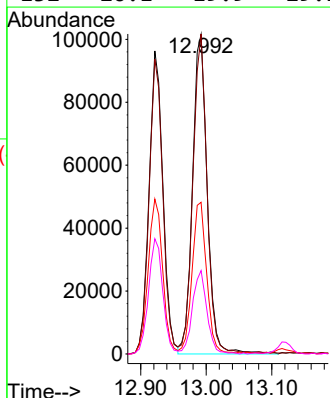
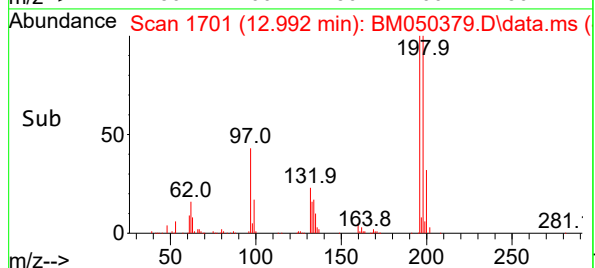
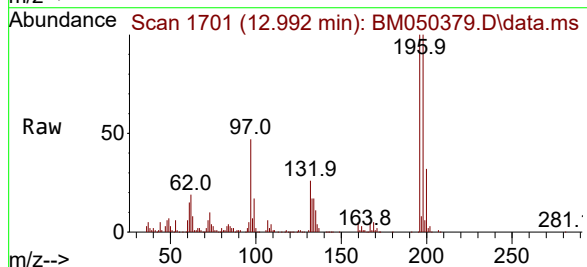
Manual Integrations
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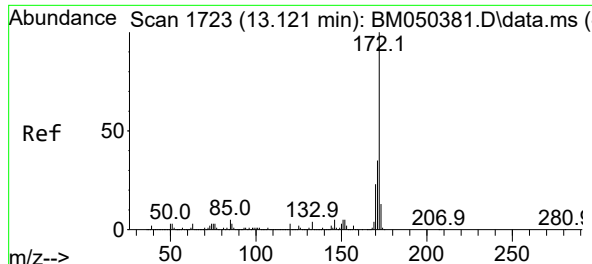
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#44
2,4,5-Trichlorophenol
Concen: 8.792 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

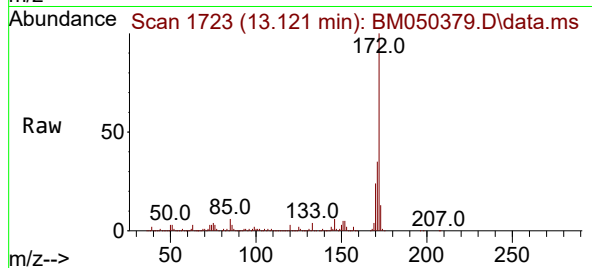
Tgt Ion:196 Resp: 159049
Ion Ratio Lower Upper
196 100
198 100.1 77.2 115.8
97 47.5 36.2 54.4
132 26.1 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 18.996 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

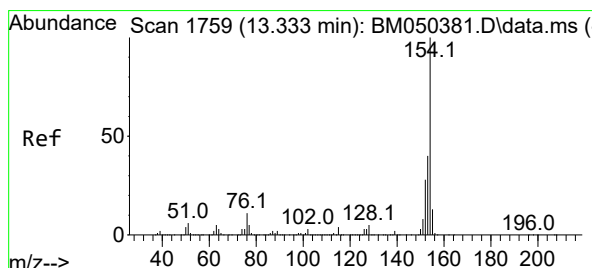
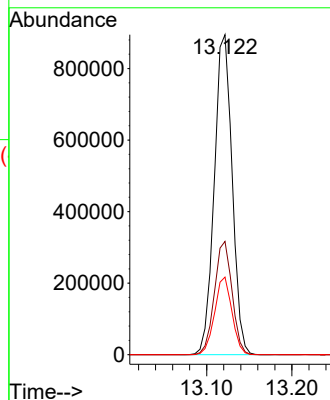
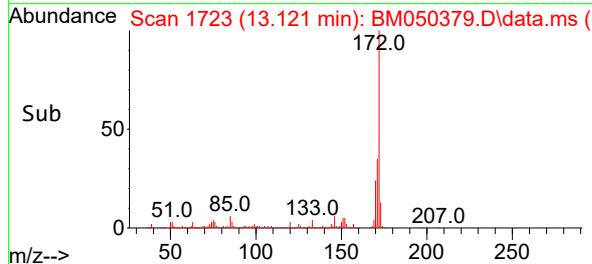
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



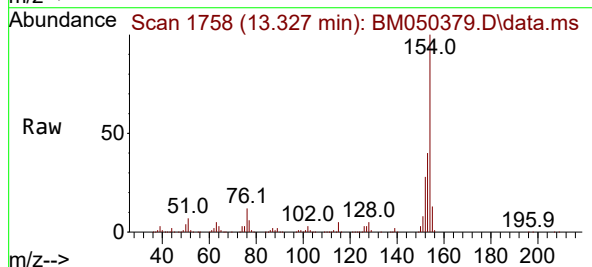
Tgt Ion:172 Resp: 1301714
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 24.3 18.8 28.2

Manual Integrations
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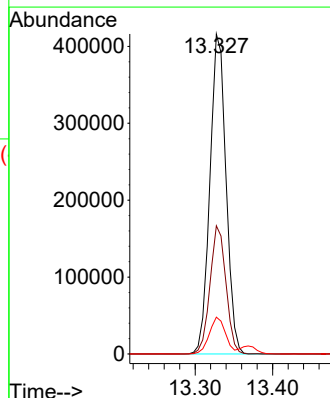
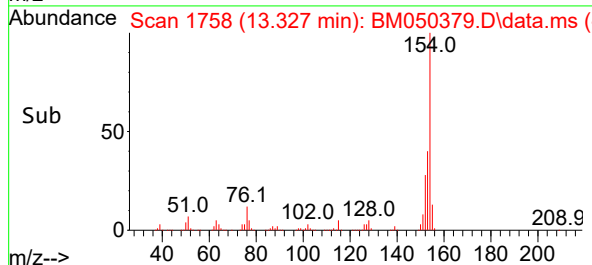
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

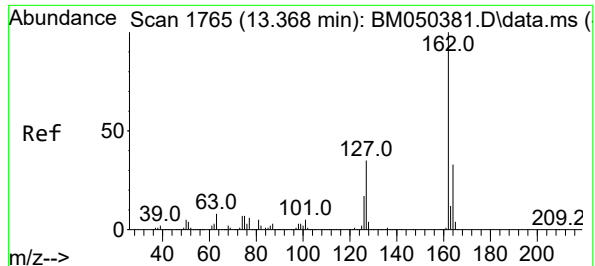


#46
1,1'-Biphenyl
Concen: 9.562 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



Tgt Ion:154 Resp: 600373
Ion Ratio Lower Upper
154 100
153 40.0 19.7 59.7
76 11.5 0.0 30.9





#47

2-Chloronaphthalene

Concen: 9.519 ng

RT: 13.369 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM050379.D

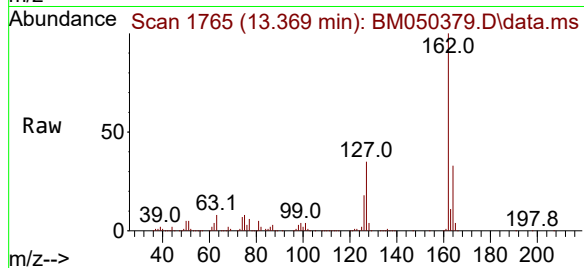
Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010



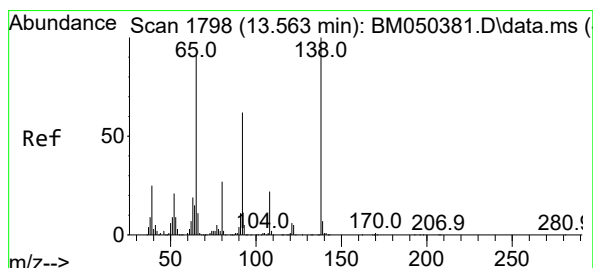
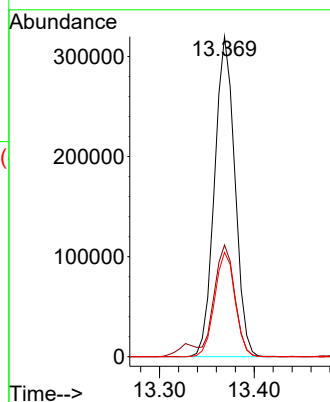
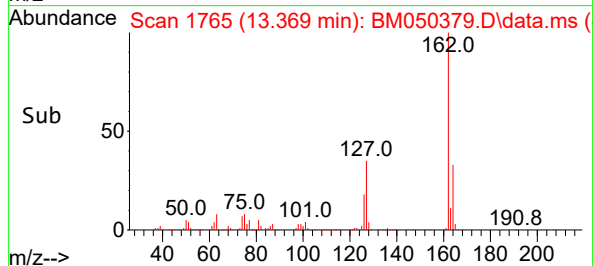
Tgt Ion:	162	Resp:	476534
Ion	Ratio	Lower	Upper
162	100		
127	34.9	28.3	42.5
164	32.6	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#48

2-Nitroaniline

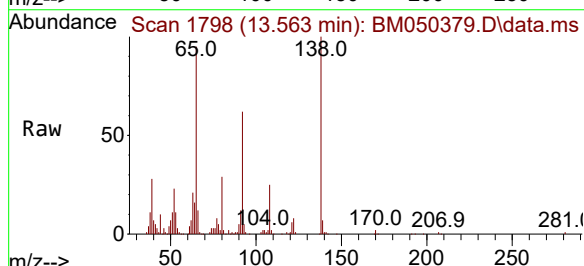
Concen: 7.982 ng

RT: 13.563 min Scan# 1798

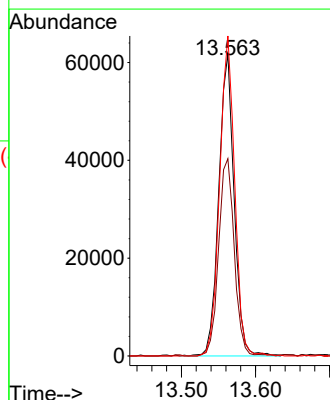
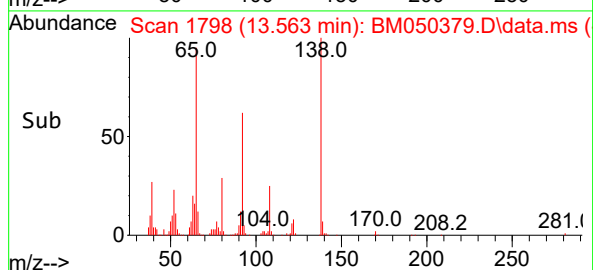
Delta R.T. 0.000 min

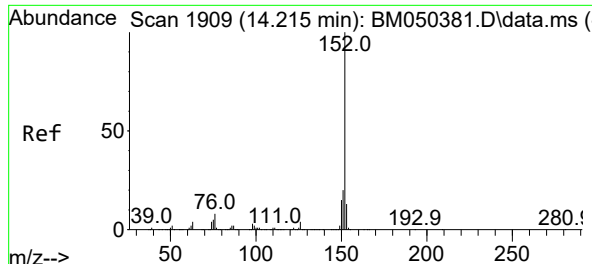
Lab File: BM050379.D

Acq: 08 Jul 2025 14:00



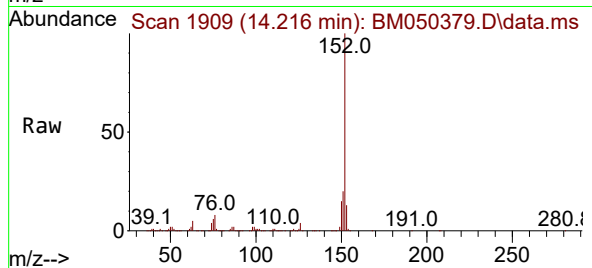
Tgt Ion:	65	Resp:	89190
Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.3	81.5
138	105.8	87.8	131.6





#49
Acenaphthylene
Concen: 9.273 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

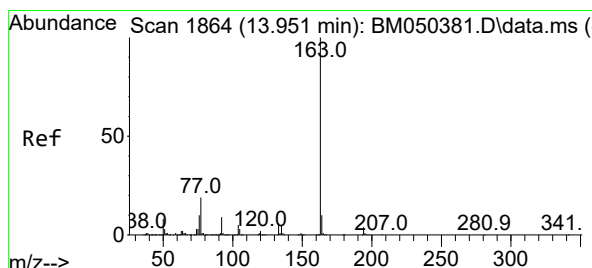
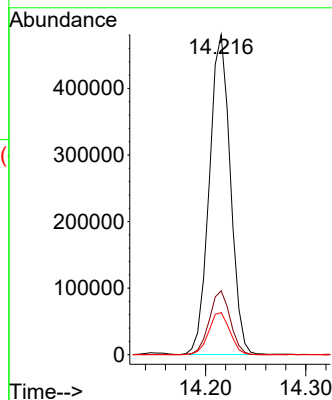
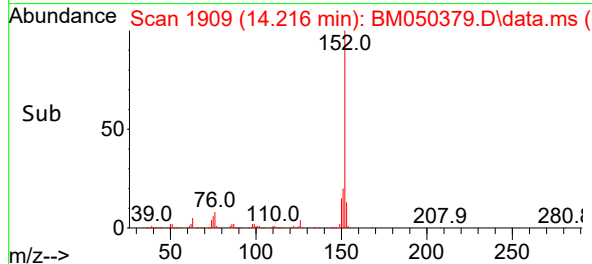
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:152 Resp: 701534
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.2 10.6 15.8

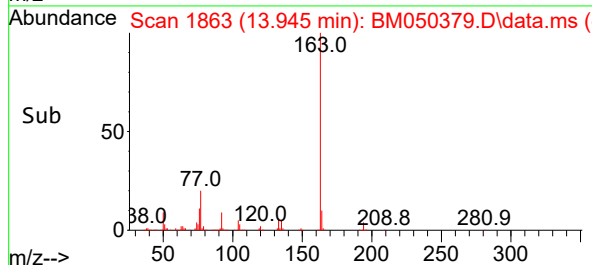
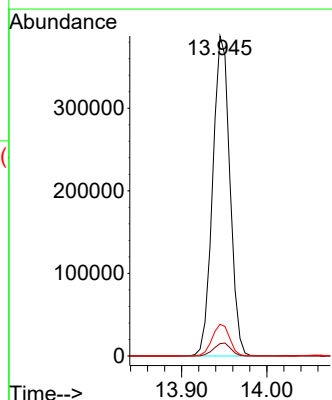
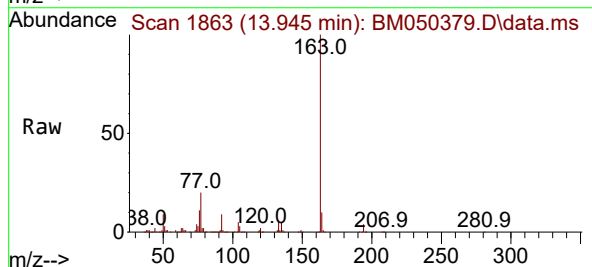
Manual Integrations
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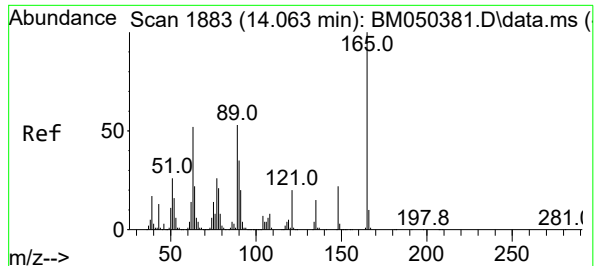
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#50
Dimethylphthalate
Concen: 9.331 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:163 Resp: 543665
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.9 8.2 12.2





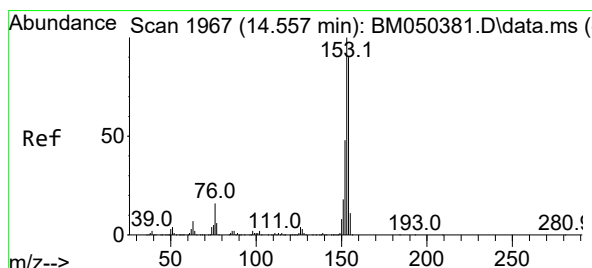
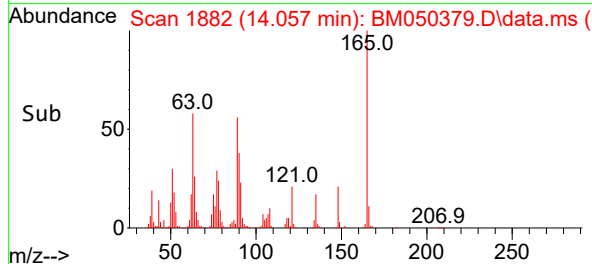
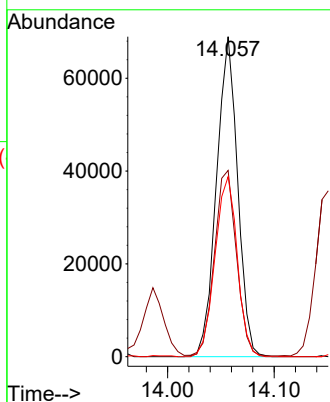
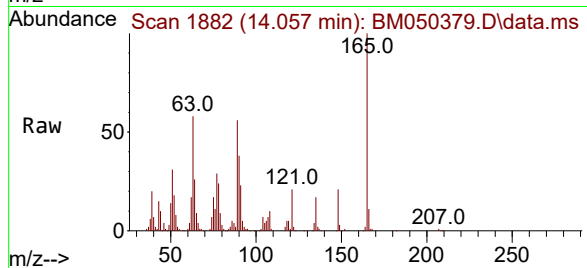
#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 14.057 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 94728
Ion Ratio Lower Upper
165 100
63 58.2 42.4 63.6
89 56.2 42.2 63.2

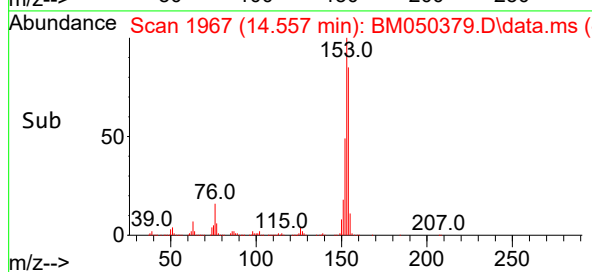
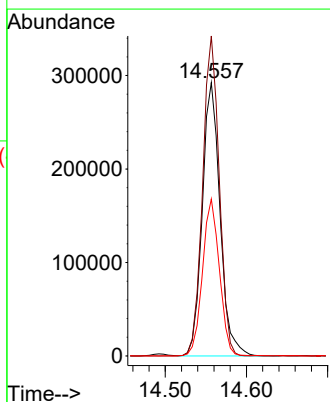
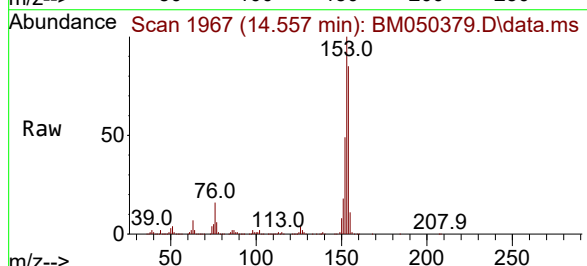
Manual Integrations
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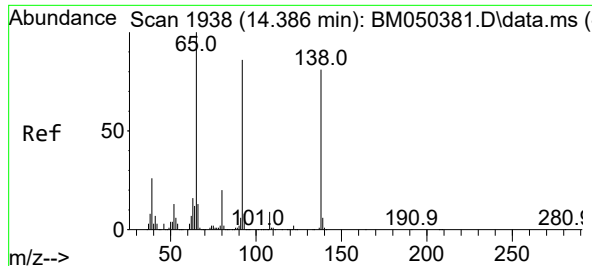
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#52
Acenaphthene
Concen: 9.236 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

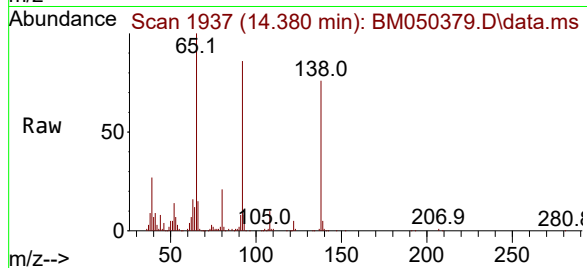
Tgt Ion:154 Resp: 444228
Ion Ratio Lower Upper
154 100
153 117.1 89.2 133.8
152 57.5 42.6 64.0





#53
3-Nitroaniline
Concen: 8.223 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

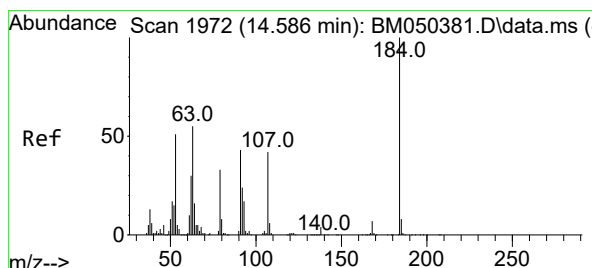
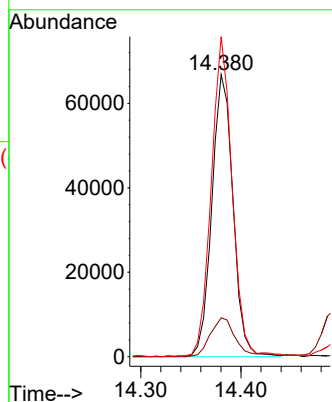
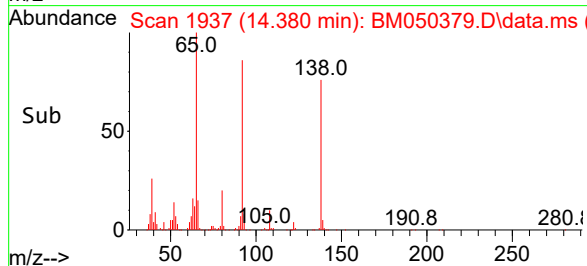
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



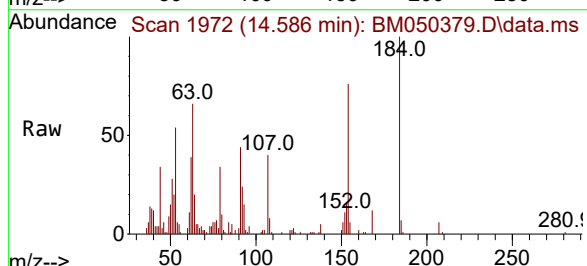
Tgt Ion:138 Resp: 97828
Ion Ratio Lower Upper
138 100
108 13.8 8.8 13.2
92 113.5 85.0 127.6

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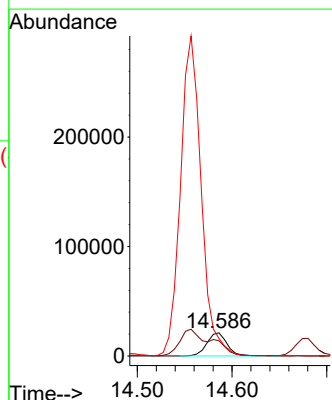
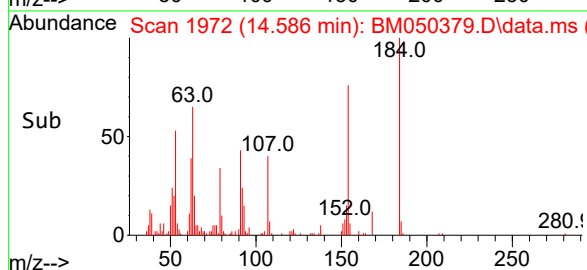
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

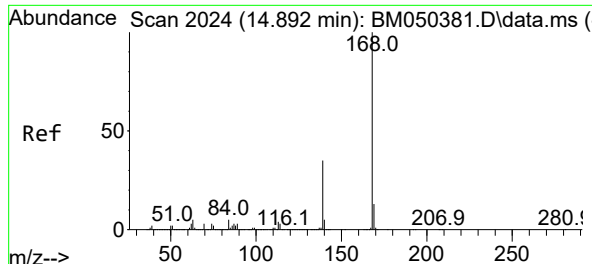


#54
2,4-Dinitrophenol
Concen: 11.045 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



Tgt Ion:184 Resp: 31123
Ion Ratio Lower Upper
184 100
63 65.7 53.4 80.0
154 76.0 61.6 92.4





#55

Dibenzenofuran

Concen: 9.555 ng

RT: 14.892 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 70815

Ion Ratio Lower Upper

168 100

139 35.6 27.7 41.5

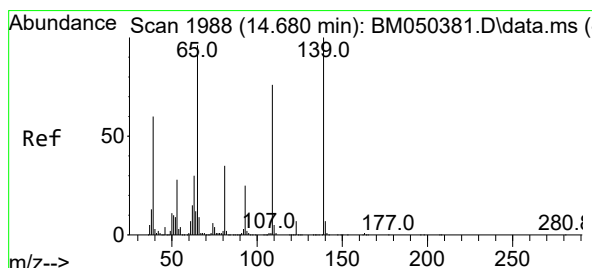
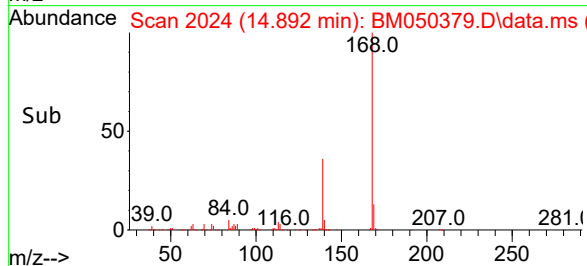
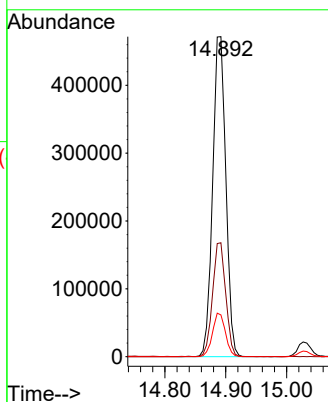
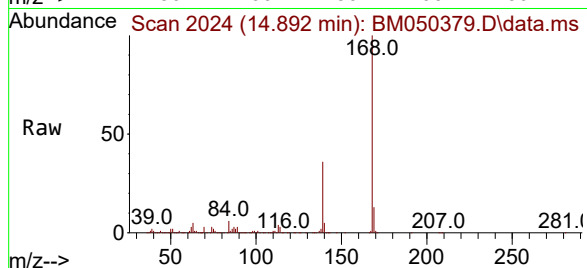
169 13.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#56

4-Nitrophenol

Concen: 7.515 ng

RT: 14.680 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

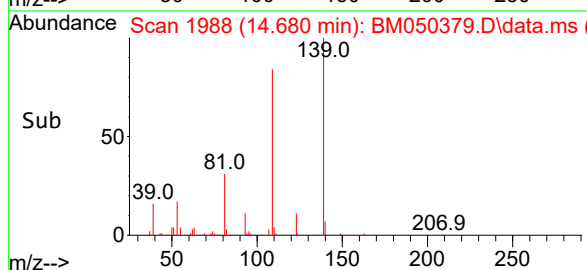
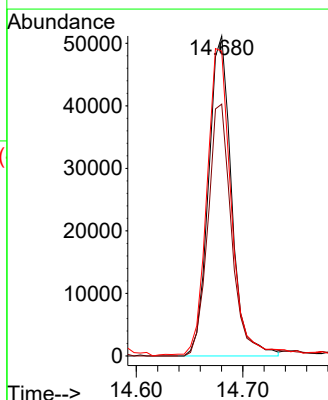
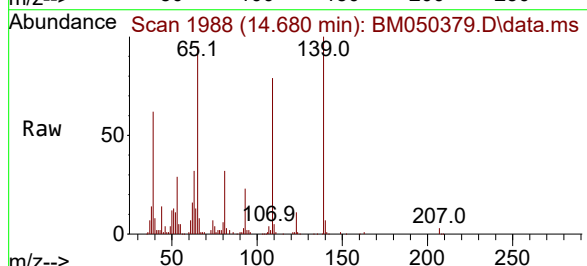
Tgt Ion:139 Resp: 76886

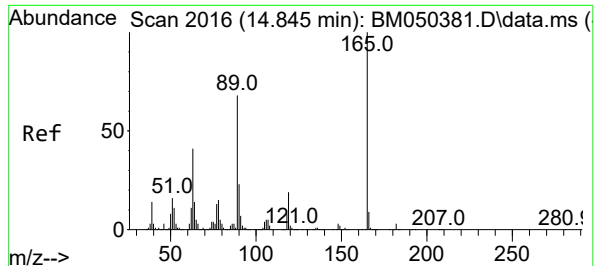
Ion Ratio Lower Upper

139 100

109 78.7 56.5 96.5

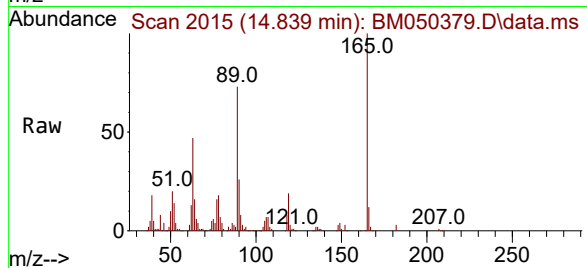
65 95.3 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 9.325 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

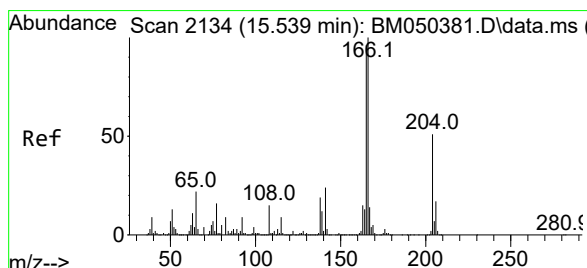
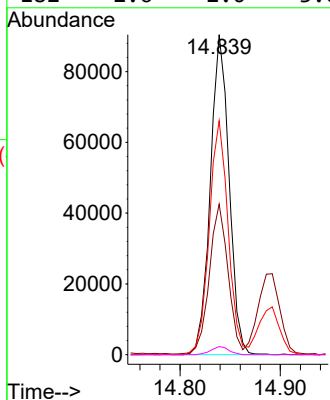
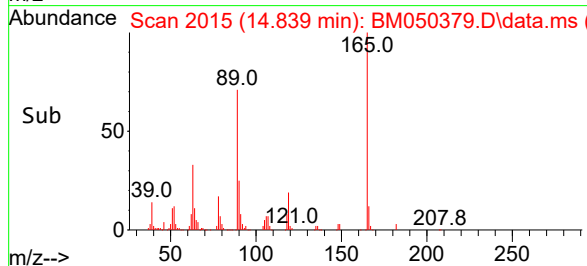
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 117194
Ion Ratio Lower Upper
165 100
63 47.1 32.5 48.7
89 73.1 54.0 81.0
182 2.6 2.0 3.0

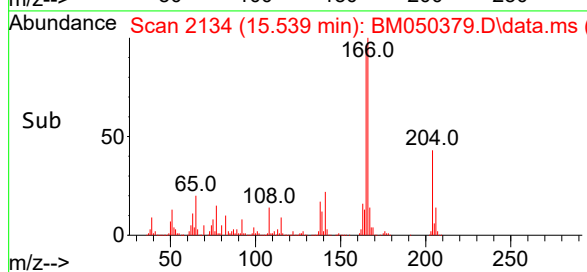
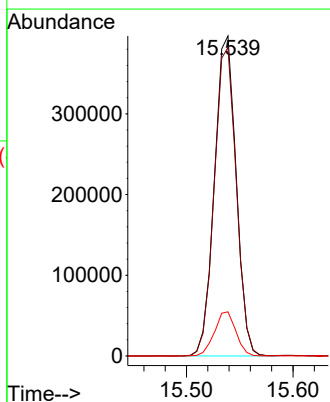
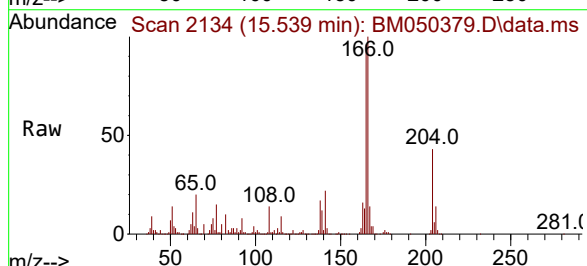
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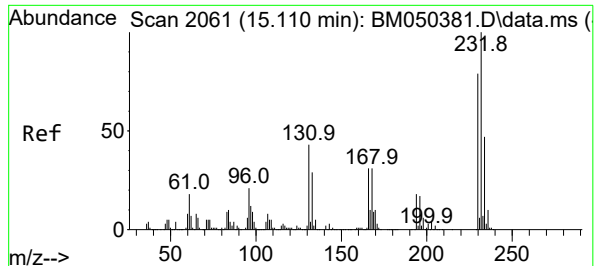
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#58
Fluorene
Concen: 9.208 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

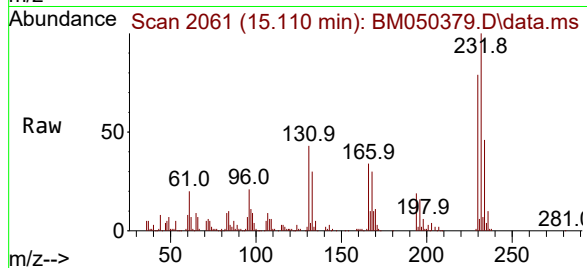
Tgt Ion:166 Resp: 562098
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.509 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

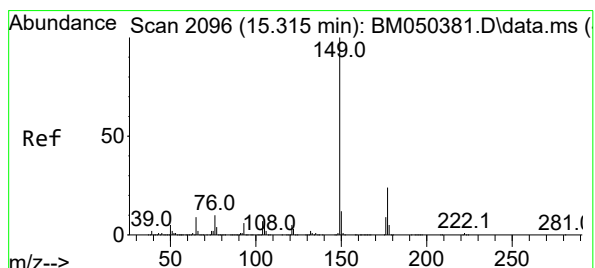
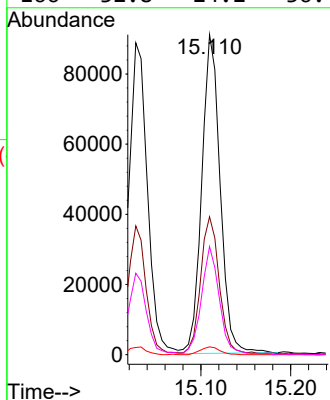
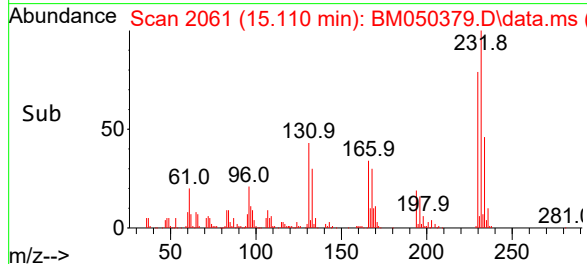
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



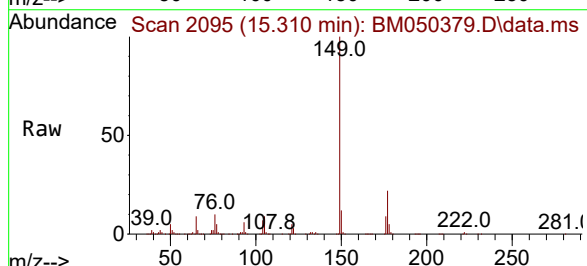
Tgt Ion:232 Resp: 12959
Ion Ratio Lower Upper
232 100
131 43.3 33.4 50.0
130 2.6 1.8 2.6
166 32.8 24.2 36.4

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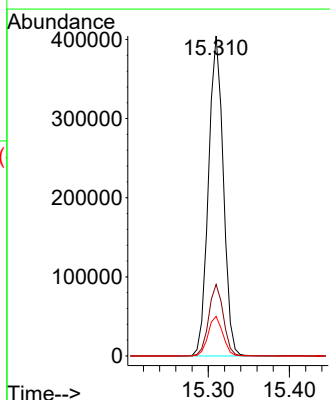
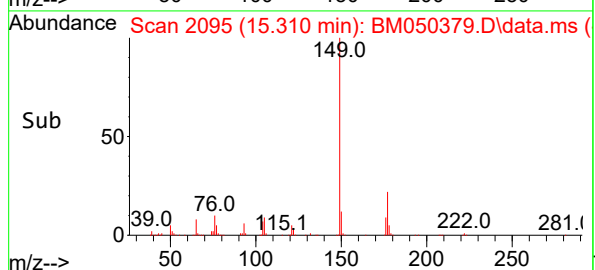
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

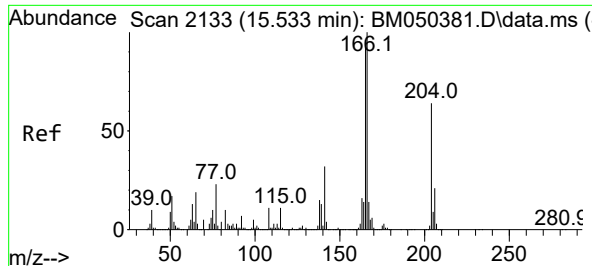


#60
Diethylphthalate
Concen: 9.200 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



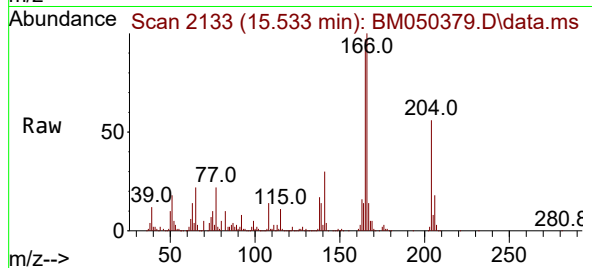
Tgt Ion:149 Resp: 512043
Ion Ratio Lower Upper
149 100
177 22.3 18.8 28.2
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 8.918 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

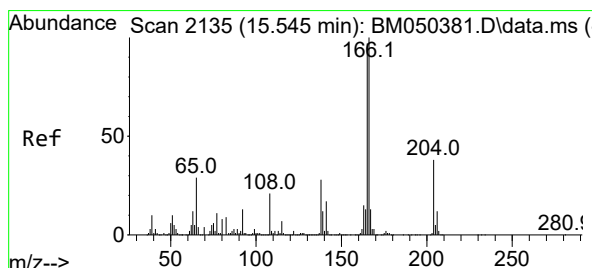
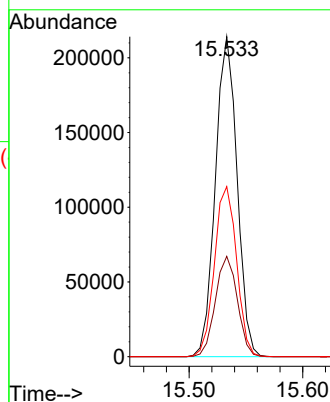
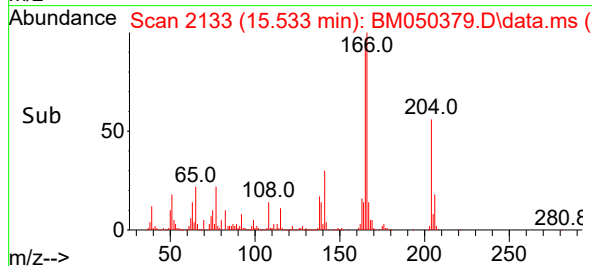
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 28465
Ion Ratio Lower Upper
204 100
206 31.3 26.6 39.8
141 53.1 39.9 59.9

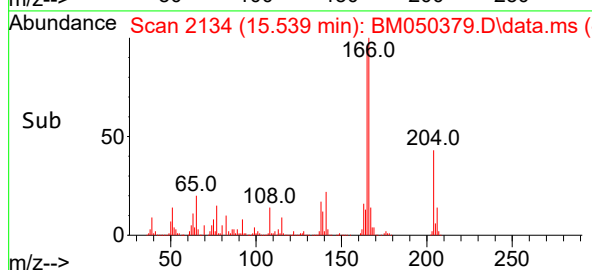
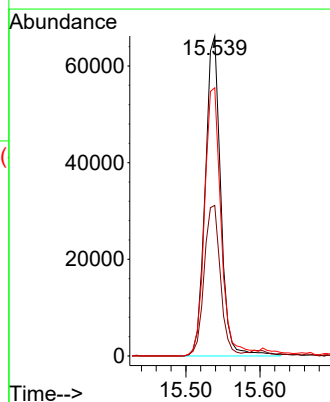
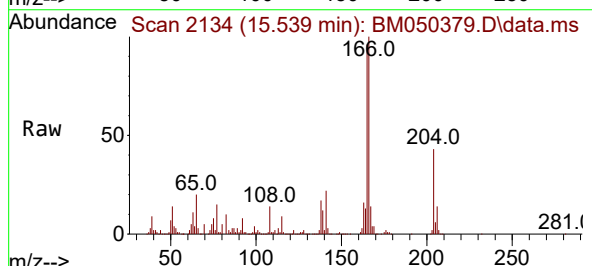
Manual Integrations
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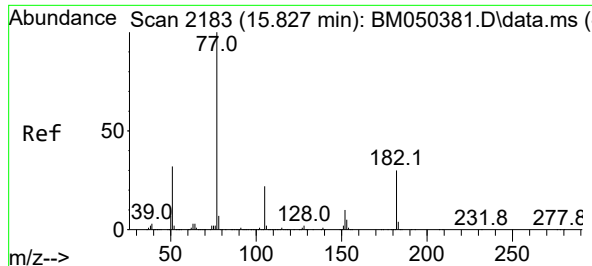
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#62
4-Nitroaniline
Concen: 9.259 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

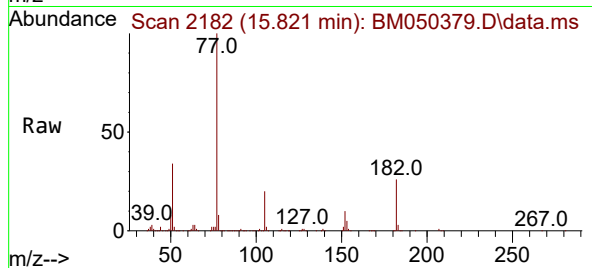
Tgt Ion:138 Resp: 96460
Ion Ratio Lower Upper
138 100
92 47.1 24.5 64.5
108 83.8 52.5 92.5





#63
Azobenzene
Concen: 9.239 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

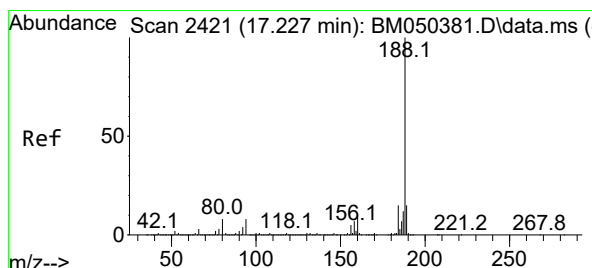
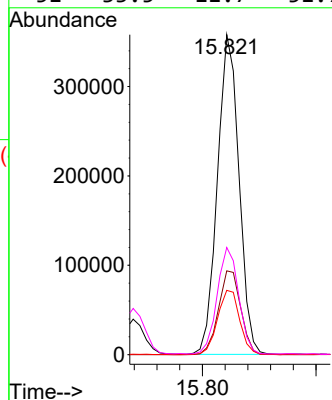
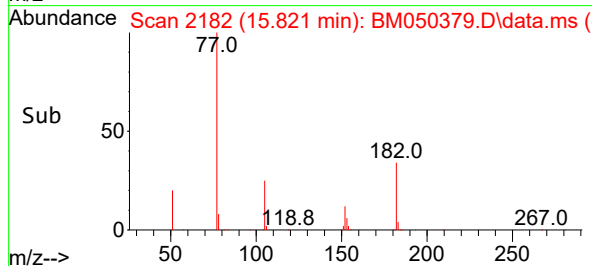
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 472164
Ion Ratio Lower Upper
77 100
182 26.2 10.0 50.0
105 20.1 2.0 42.0
51 33.5 11.7 51.7

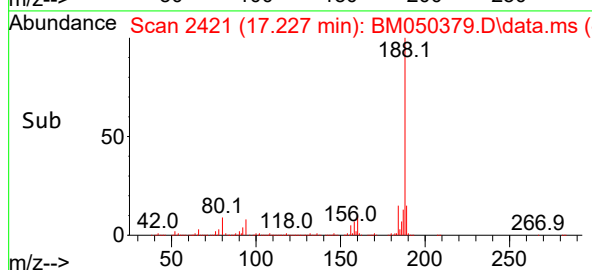
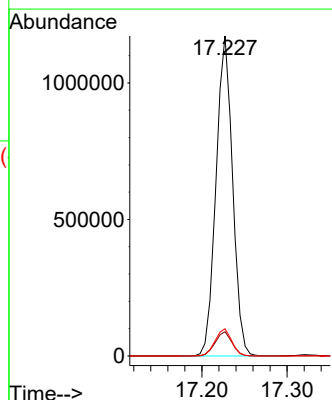
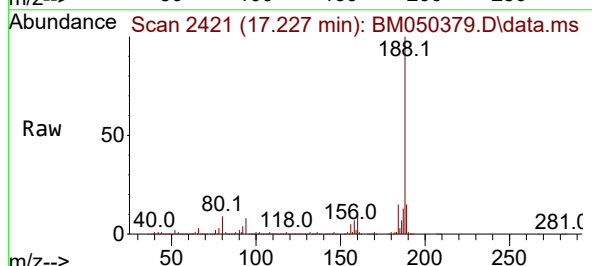
Manual Integrations
APPROVED

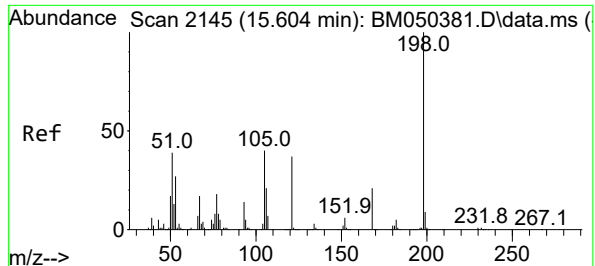
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:188 Resp: 1580349
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.5 6.5 9.7





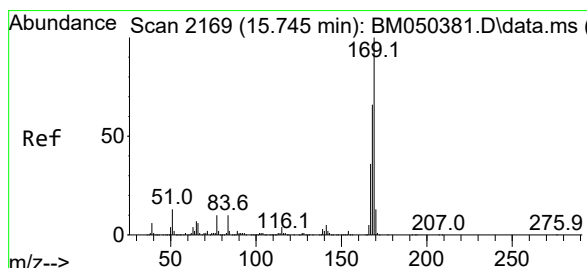
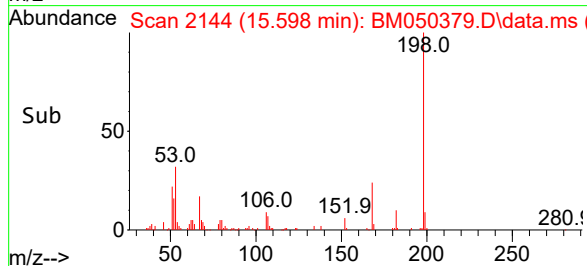
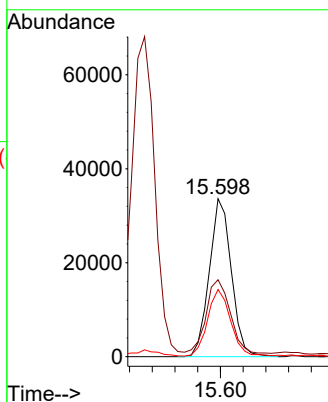
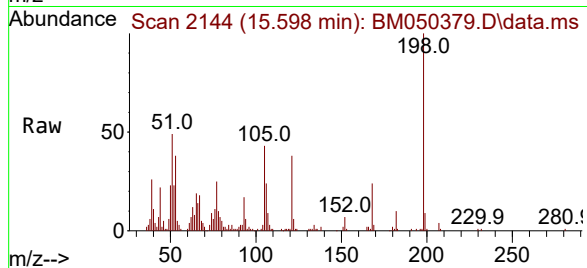
#65
4,6-Dinitro-2-methylphenol
Concen: 10.934 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 4530
Ion Ratio Lower Upper
198 100
51 48.7 26.6 66.6
105 42.6 20.9 60.9

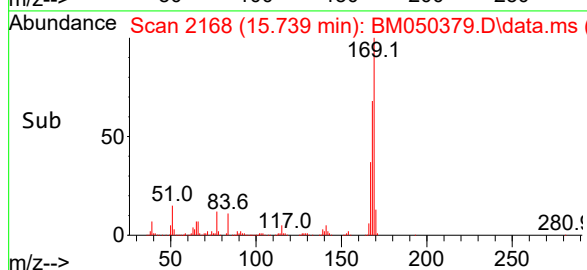
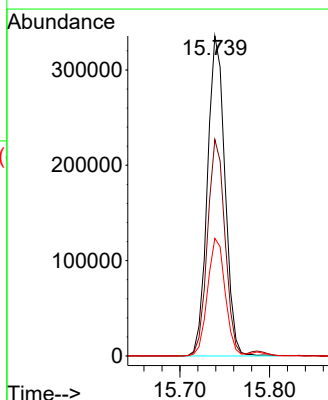
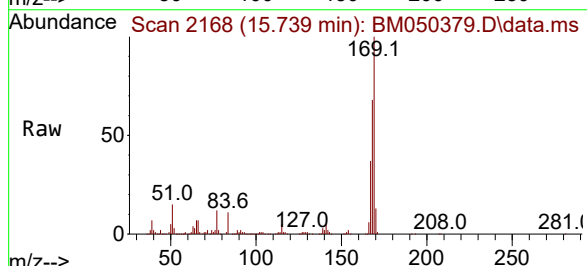
Manual Integrations
APPROVED

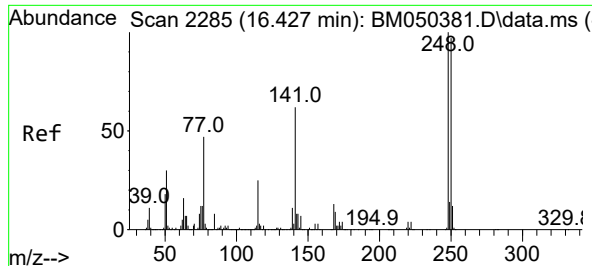
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#66
n-Nitrosodiphenylamine
Concen: 9.215 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:169 Resp: 455683
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 36.7 28.7 43.1





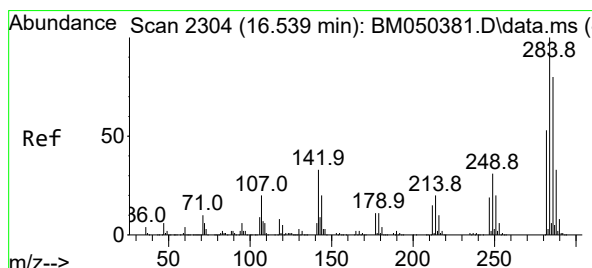
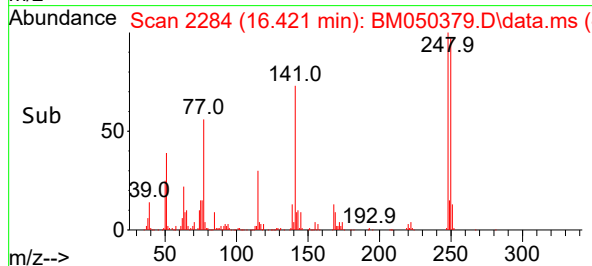
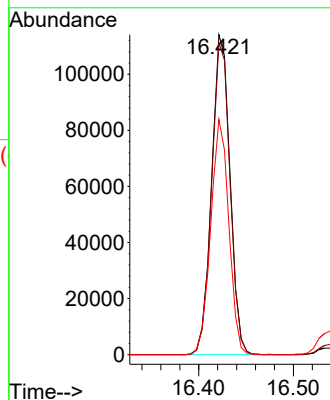
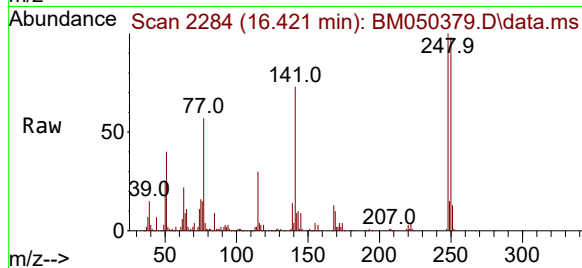
#67
4-Bromophenyl-phenylether
Concen: 8.812 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 153420
Ion Ratio Lower Upper
248 100
250 97.5 77.9 116.9
141 73.5 49.7 74.5

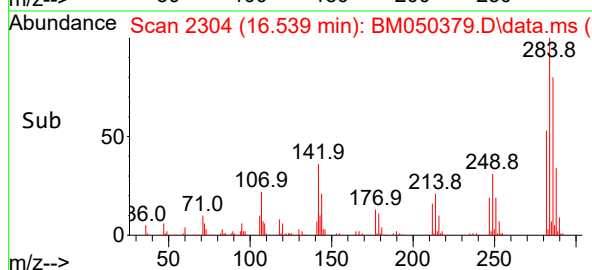
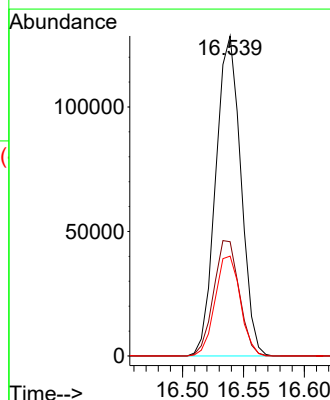
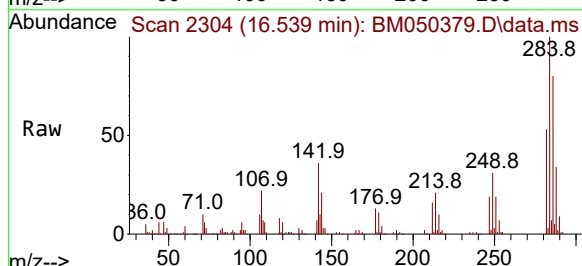
Manual Integrations
APPROVED

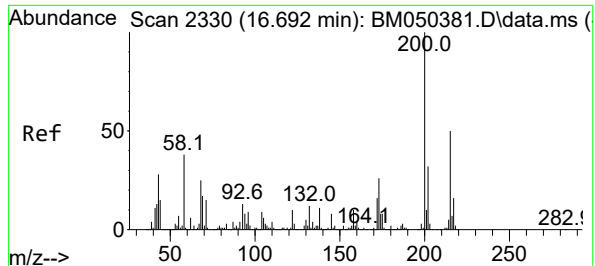
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#68
Hexachlorobenzene
Concen: 8.960 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

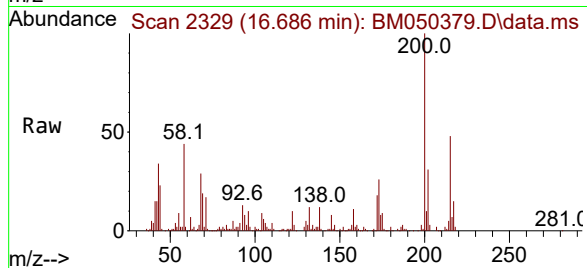
Tgt Ion:284 Resp: 184262
Ion Ratio Lower Upper
284 100
142 35.7 26.8 40.2
249 31.2 24.5 36.7





#69
Atrazine
Concen: 8.495 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

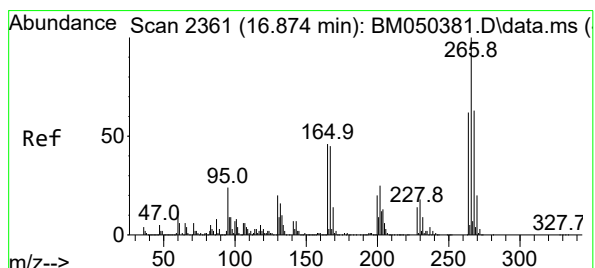
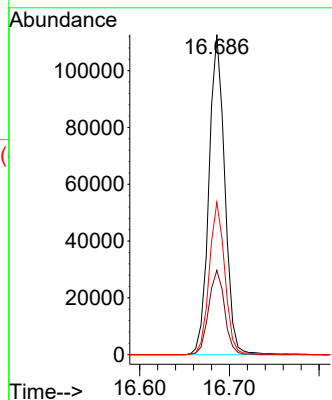
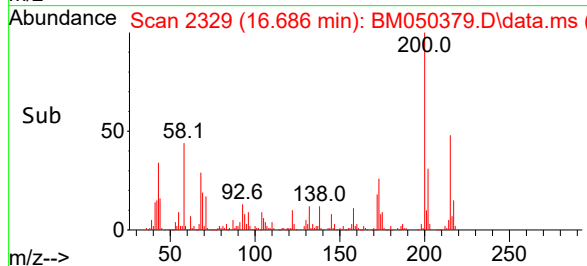
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 137949
Ion Ratio Lower Upper
200 100
173 26.3 5.6 45.6
215 47.7 29.6 69.6

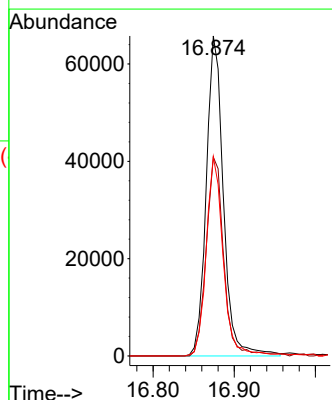
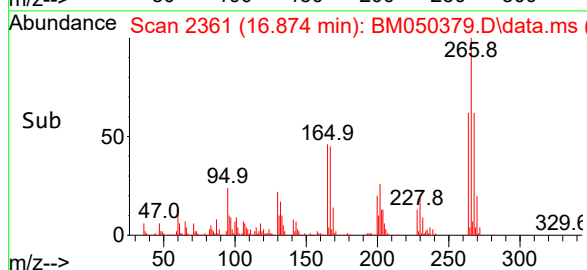
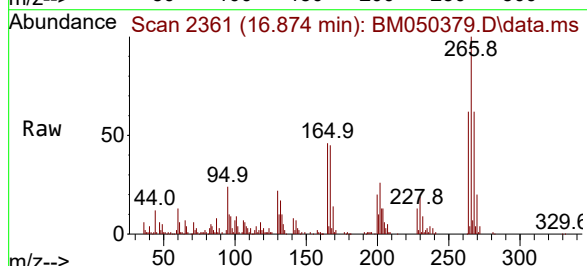
Manual Integrations
APPROVED

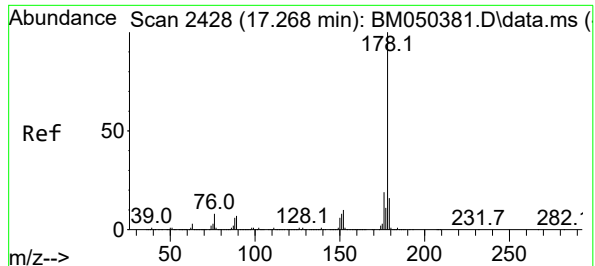
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#70
Pentachlorophenol
Concen: 7.515 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:266 Resp: 96207
Ion Ratio Lower Upper
266 100
268 62.2 50.5 75.7
264 62.3 49.9 74.9





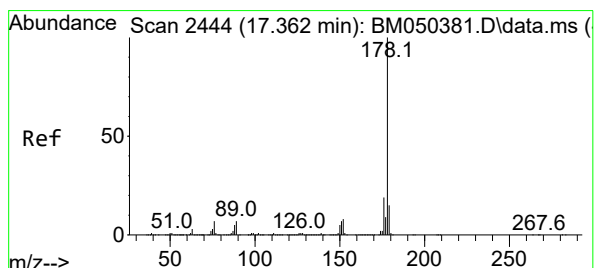
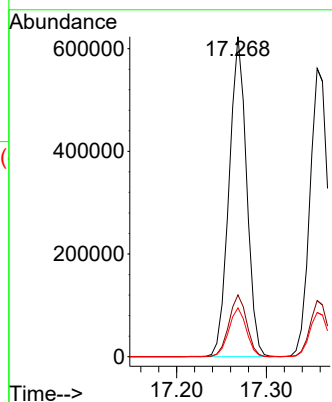
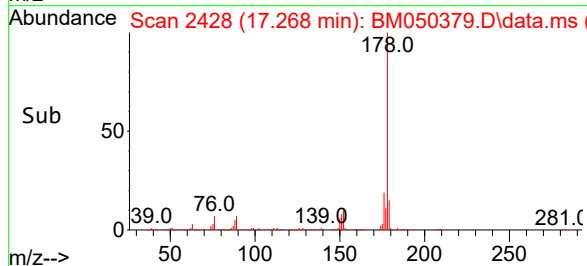
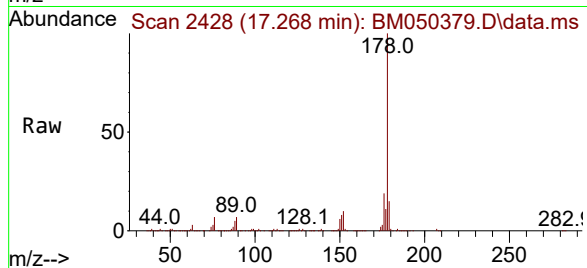
#71
Phenanthrene
Concen: 9.454 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 84539
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.5 18.7

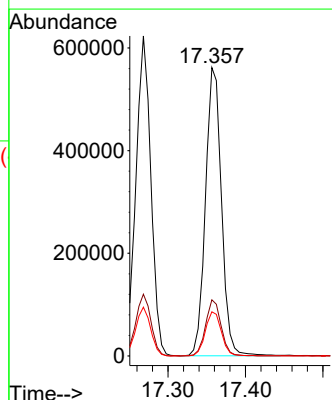
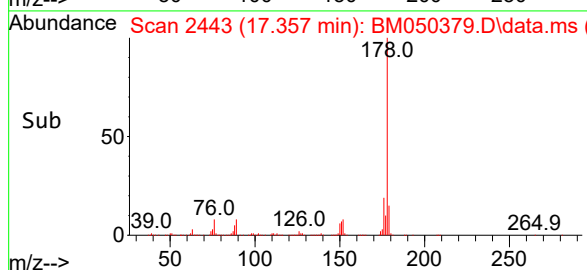
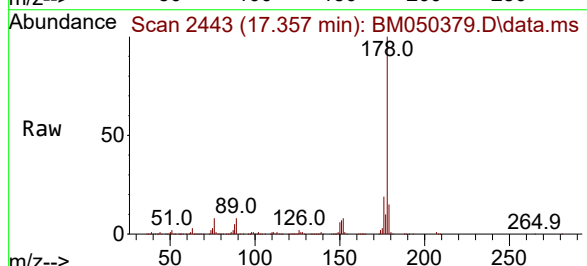
Manual Integrations
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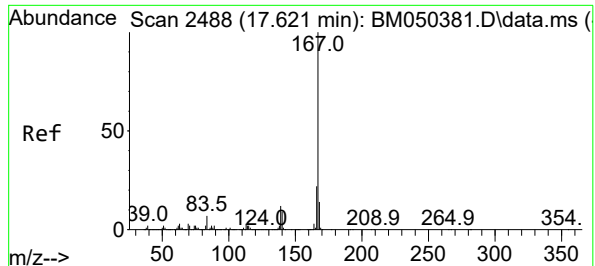
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#72
Anthracene
Concen: 9.025 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

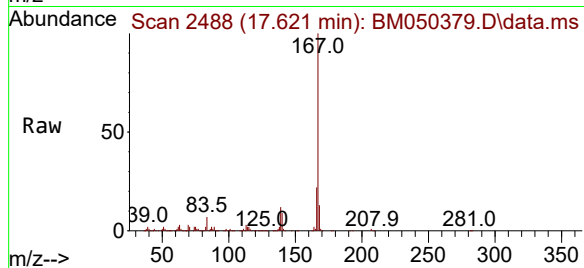
Tgt Ion:178 Resp: 803377
Ion Ratio Lower Upper
178 100
176 19.5 14.9 22.3
179 15.3 12.2 18.4





#73
Carbazole
Concen: 9.263 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

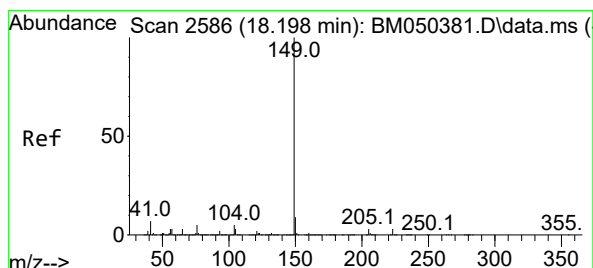
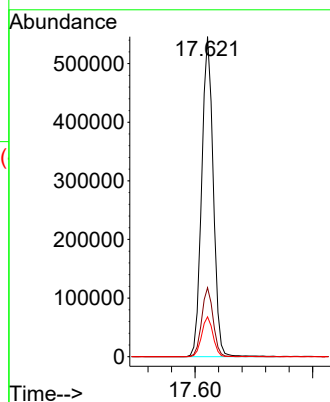
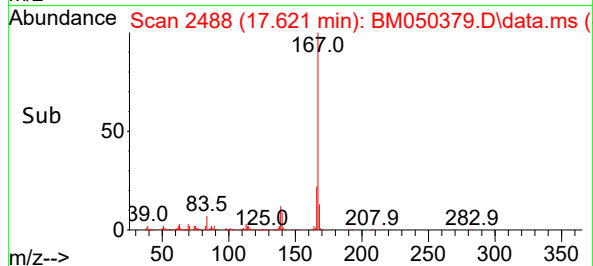
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 746020
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.5 9.9 14.9

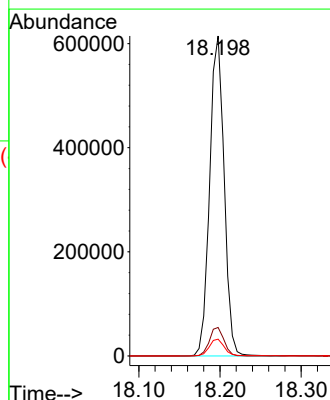
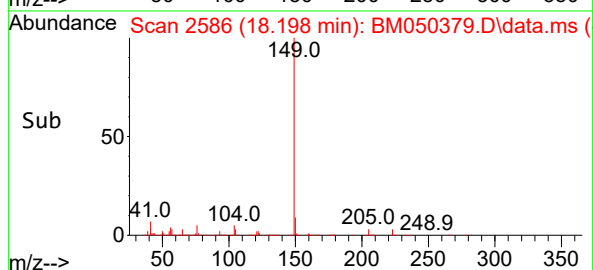
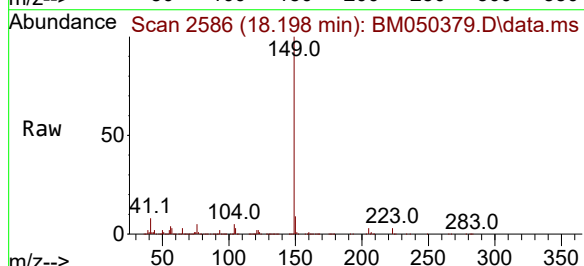
Manual Integrations
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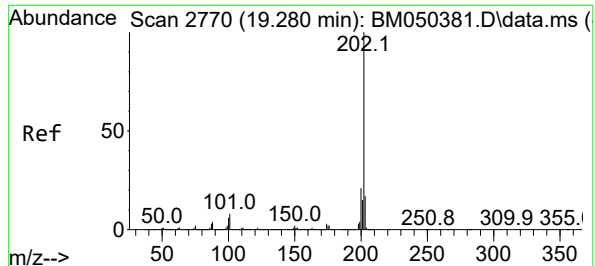
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#74
Di-n-butylphthalate
Concen: 8.610 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

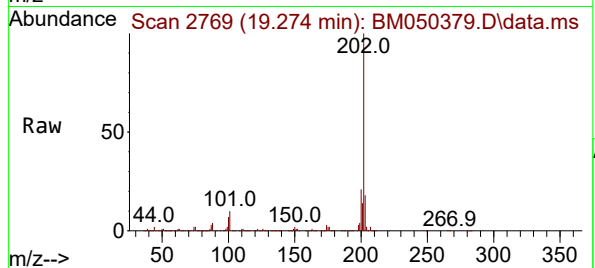
Tgt Ion:149 Resp: 759019
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 5.2 3.9 5.9





#75
Fluoranthene
Concen: 8.768 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

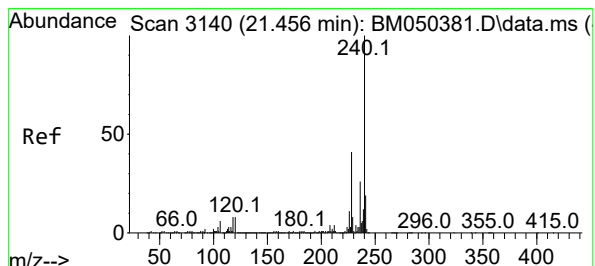
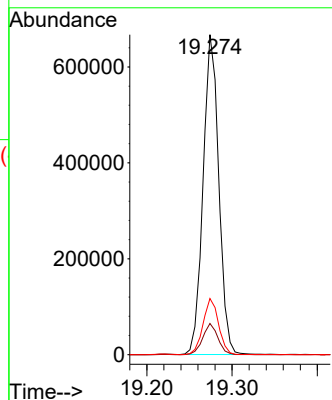
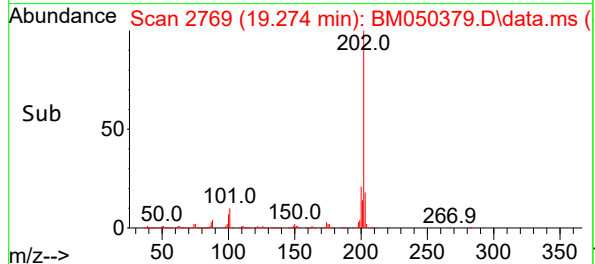
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 852385
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.3
203 17.5 0.0 37.2

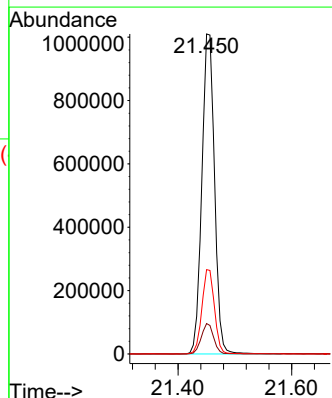
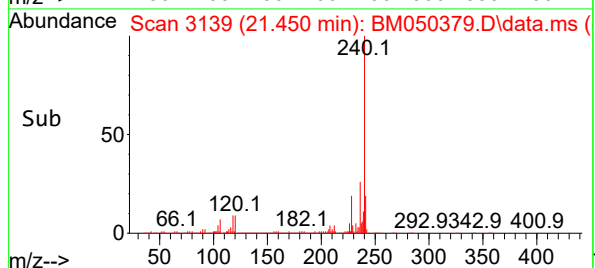
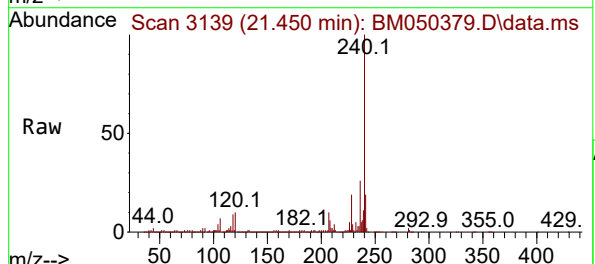
Manual Integrations
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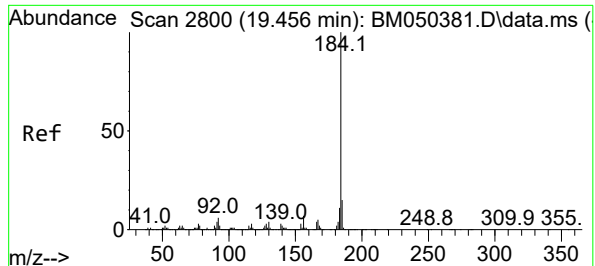
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

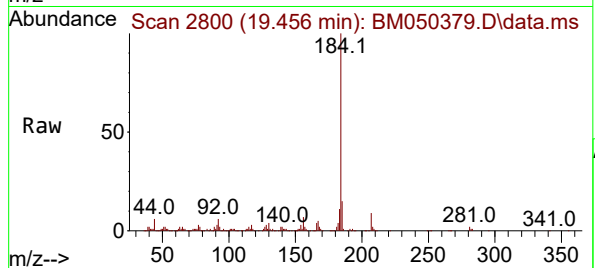
Tgt Ion:240 Resp: 1564213
Ion Ratio Lower Upper
240 100
120 9.5 6.7 10.1
236 26.4 20.7 31.1





#77
Benzidine
Concen: 7.256 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

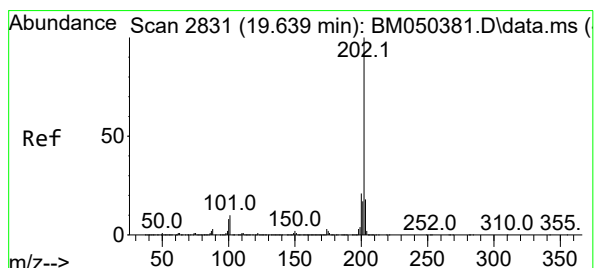
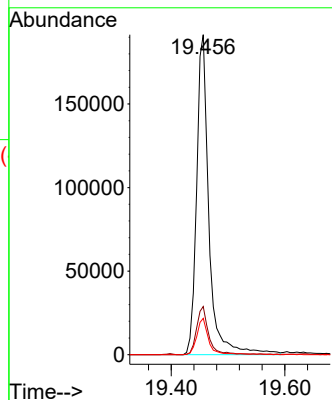
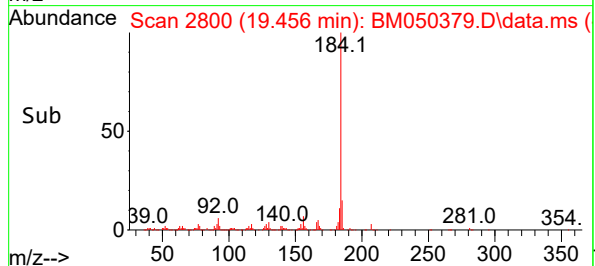
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 28948
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.3 9.0 13.6

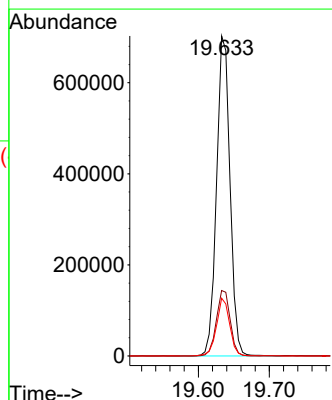
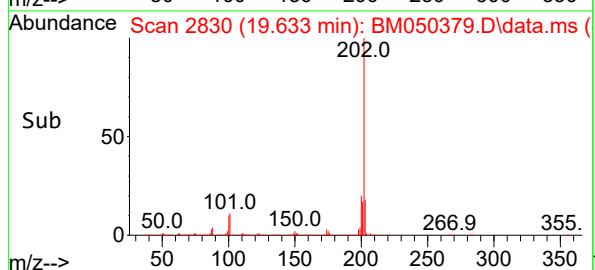
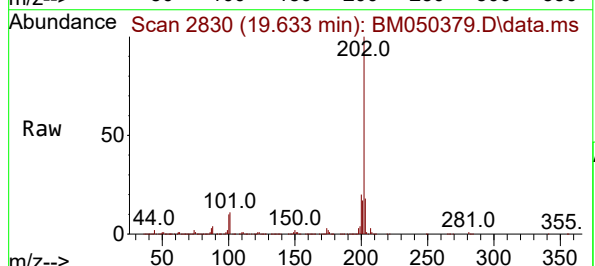
Manual Integrations
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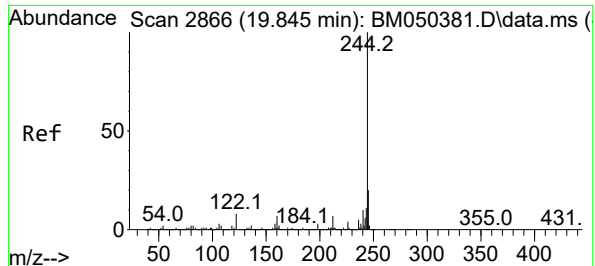
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#78
Pyrene
Concen: 9.191 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

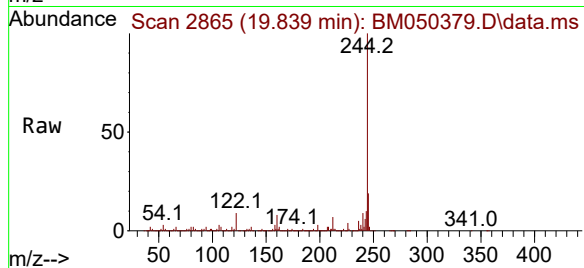
Tgt Ion:202 Resp: 920751
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 18.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 19.526 ng
 RT: 19.839 min Scan# 2865
 Delta R.T. -0.006 min
 Lab File: BM050379.D
 Acq: 08 Jul 2025 14:00

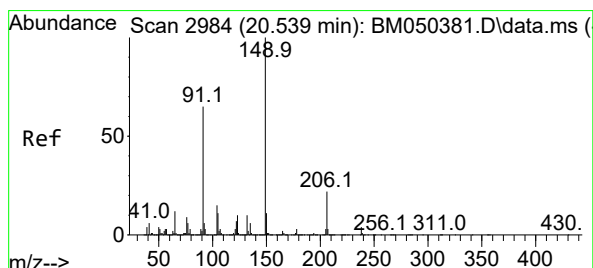
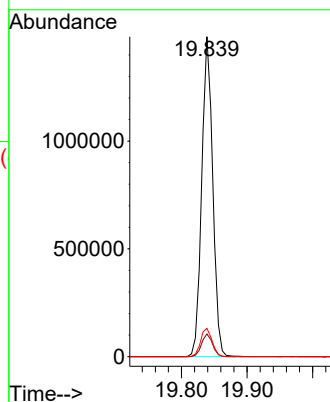
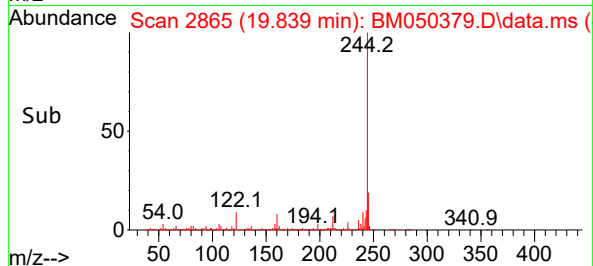
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010



Tgt Ion:244 Resp: 173588
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.8 6.2 9.2

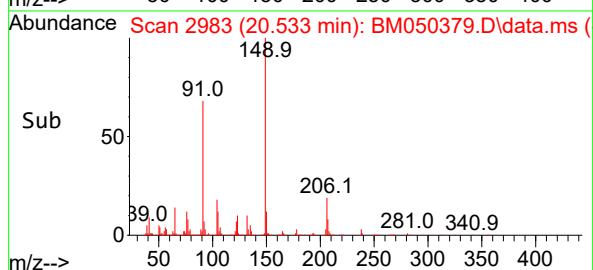
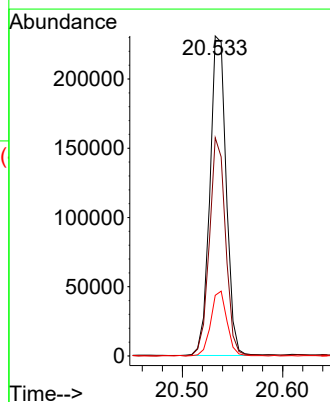
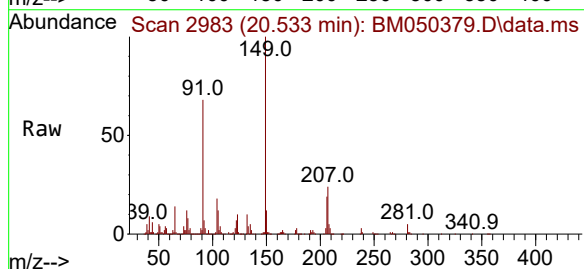
Manual Integrations
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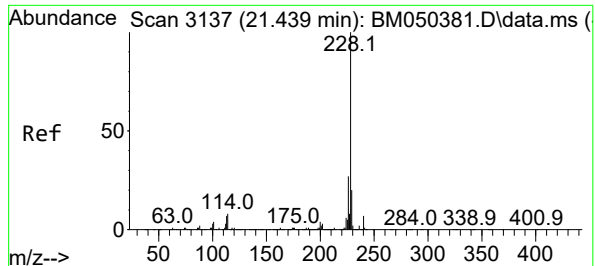
Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025



#80
 Butylbenzylphthalate
 Concen: 7.920 ng
 RT: 20.533 min Scan# 2983
 Delta R.T. -0.006 min
 Lab File: BM050379.D
 Acq: 08 Jul 2025 14:00

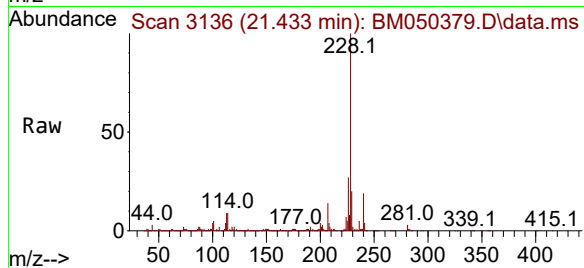
Tgt Ion:149 Resp: 261606
 Ion Ratio Lower Upper
 149 100
 91 68.2 51.6 77.4
 206 19.0 17.8 26.8





#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 21.433 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

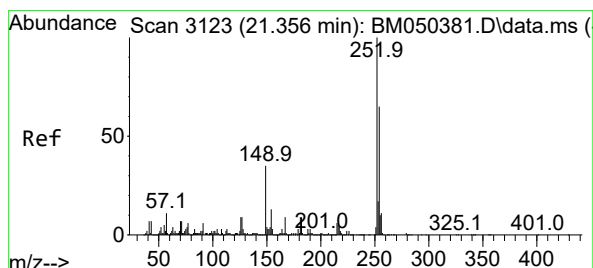
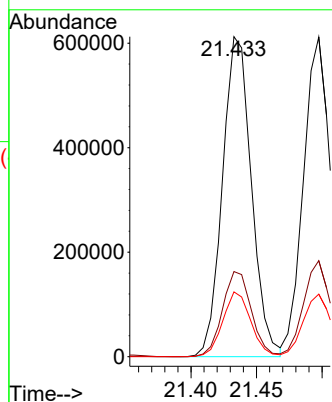
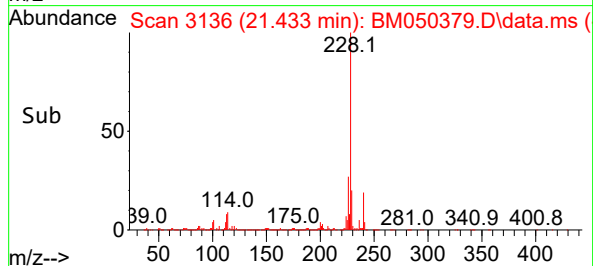
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 940127
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 20.3 16.0 24.0

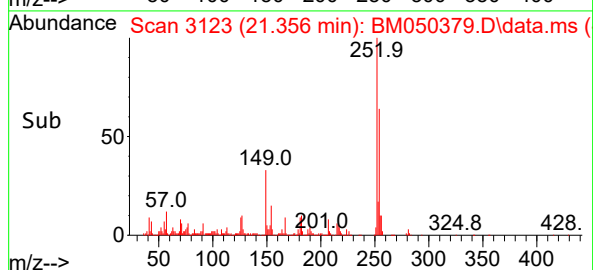
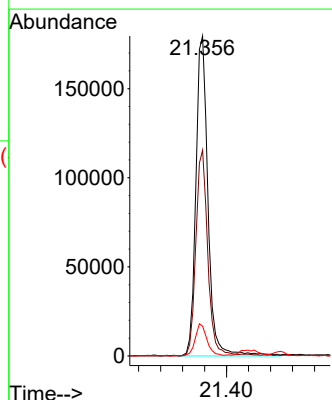
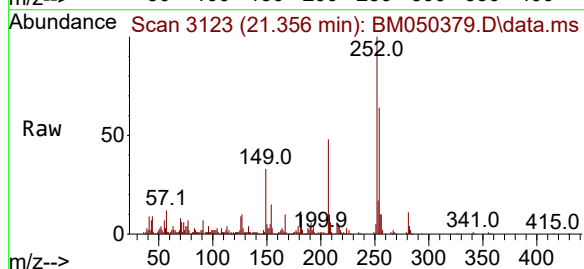
Manual Integrations
APPROVED

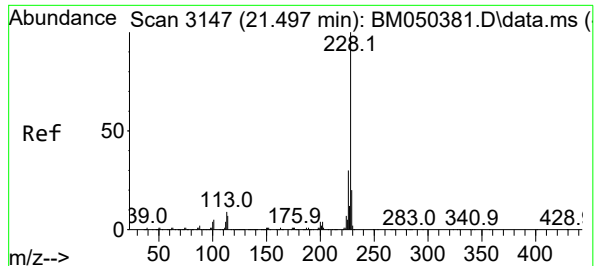
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 7.988 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

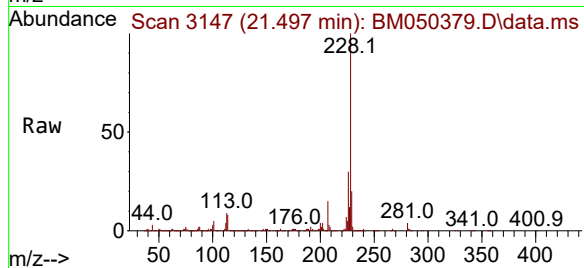
Tgt Ion:252 Resp: 274551
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 9.3 7.3 10.9





#83
Chrysene
Concen: 9.384 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

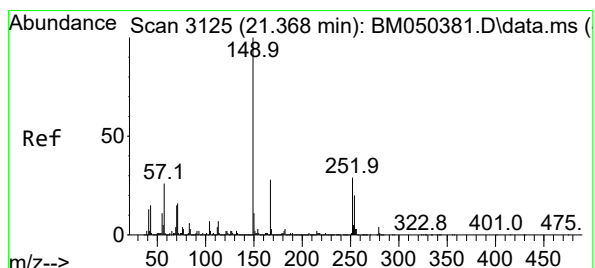
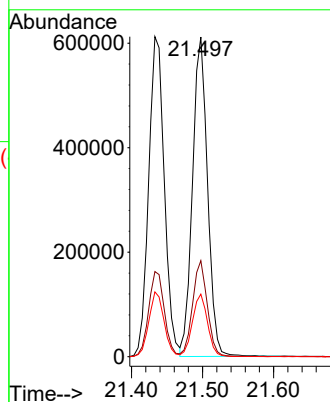
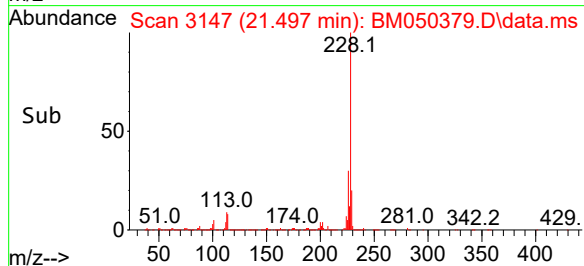
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 902120
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 19.6 15.8 23.6

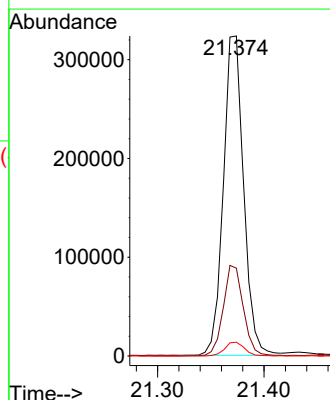
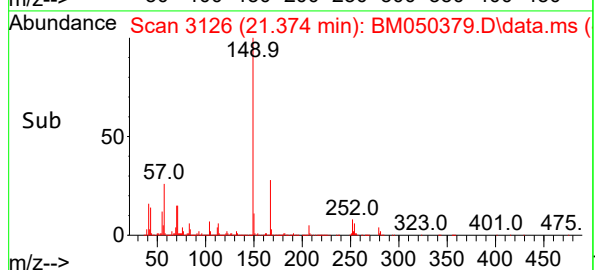
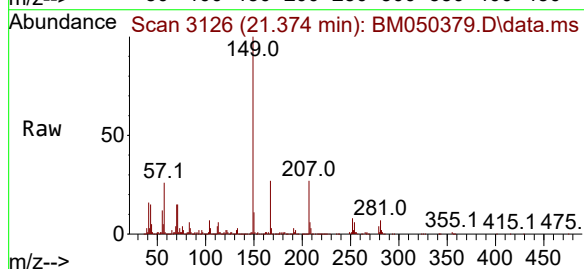
Manual Integrations
APPROVED

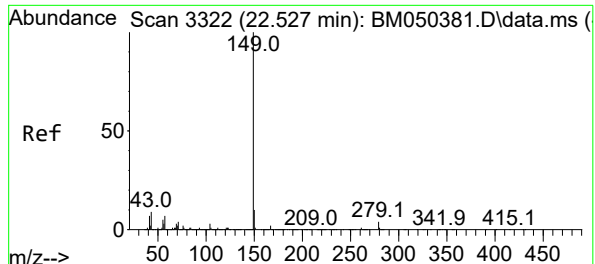
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.136 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

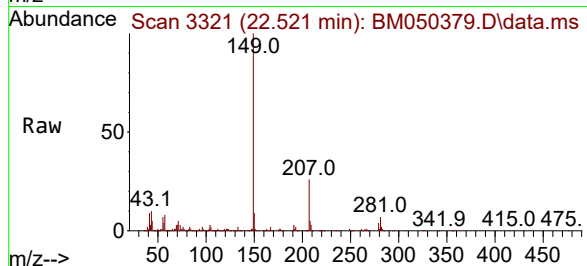
Tgt Ion:149 Resp: 426642
Ion Ratio Lower Upper
149 100
167 27.5 22.7 34.1
279 4.3 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 7.070 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

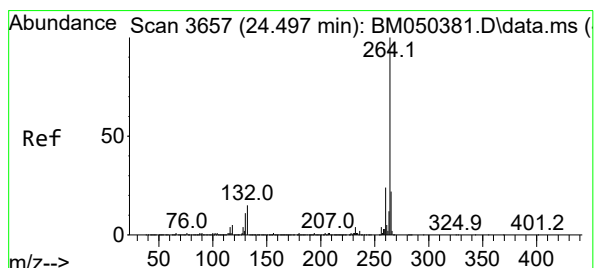
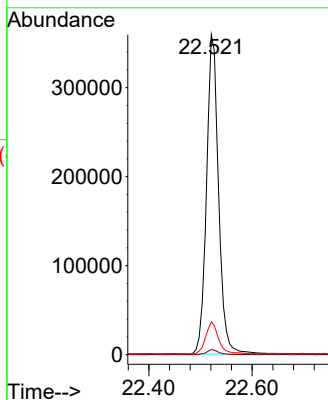
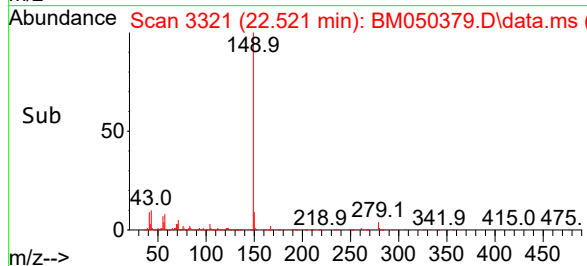
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 580634
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 7.7 11.5

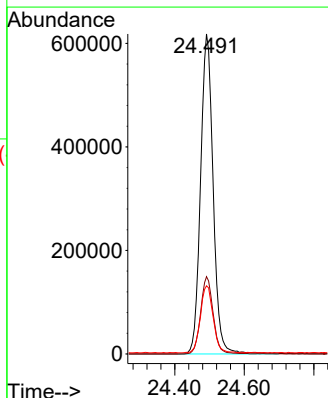
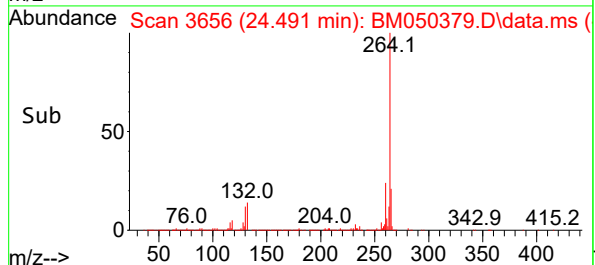
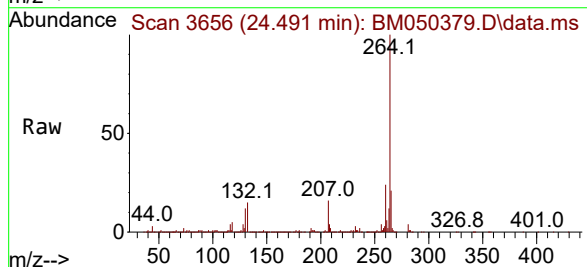
Manual Integrations
APPROVED

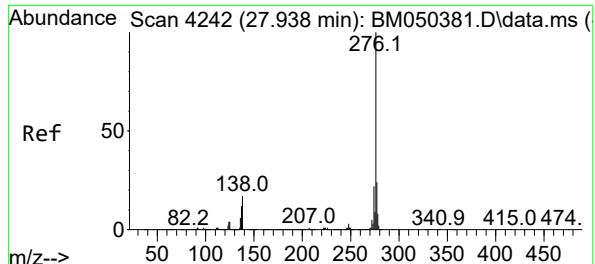
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

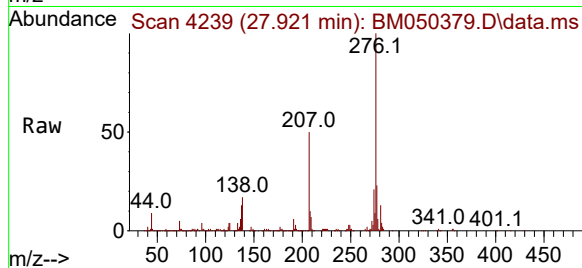
Tgt Ion:264 Resp: 1552476
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng
RT: 27.921 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

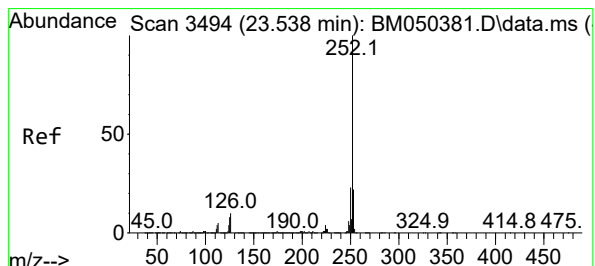
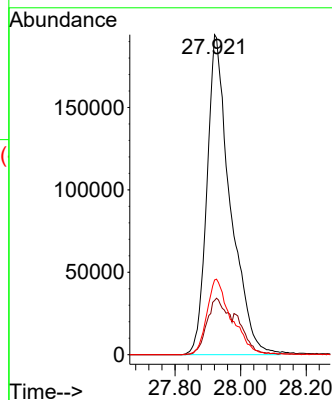
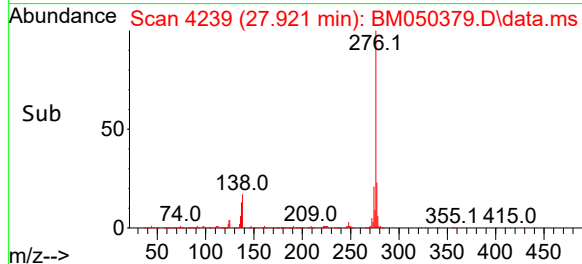
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 96092
Ion Ratio Lower Upper
276 100
138 15.8 17.0 25.6
277 24.8 20.0 30.0

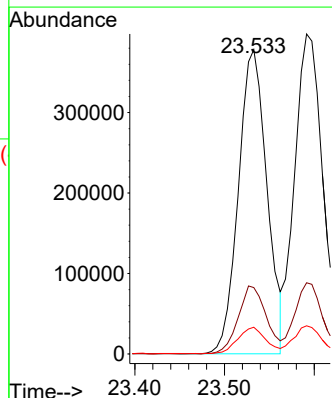
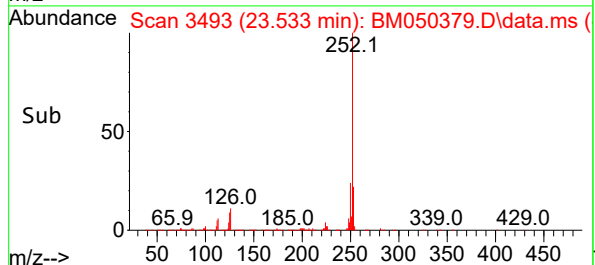
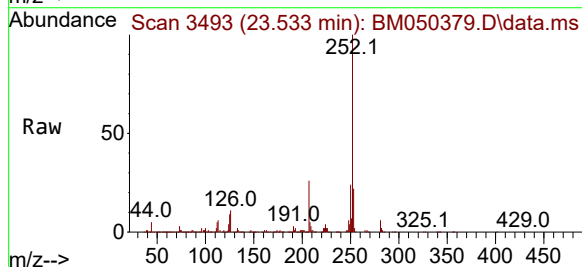
Manual Integrations
APPROVED

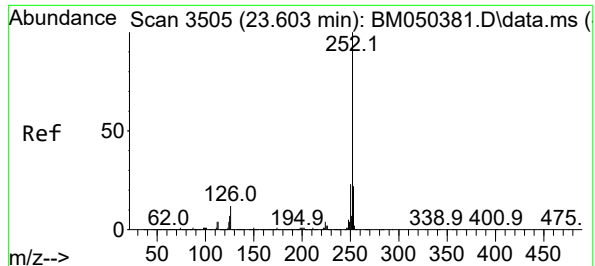
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#88
Benzo(b)fluoranthene
Concen: 8.740 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 834603
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.8 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 8.919 ng

RT: 23.591 min Scan# 3505

Delta R.T. -0.012 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 88370

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

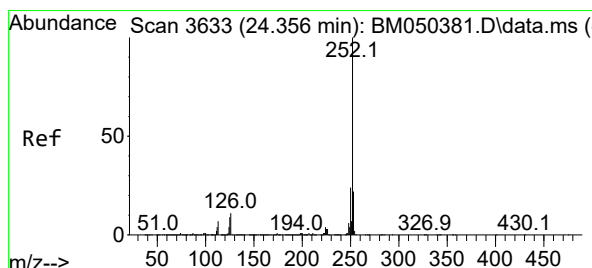
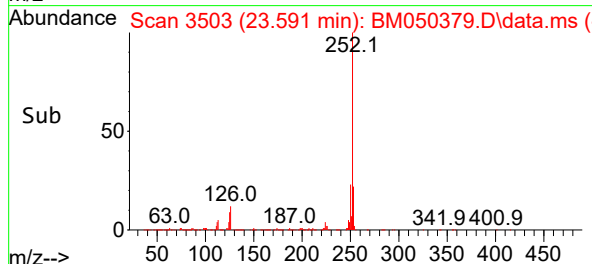
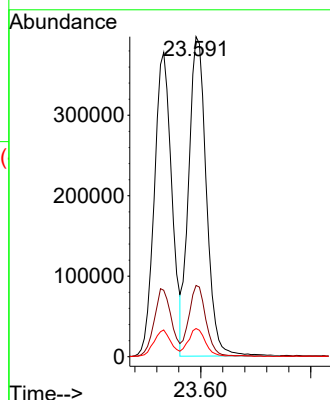
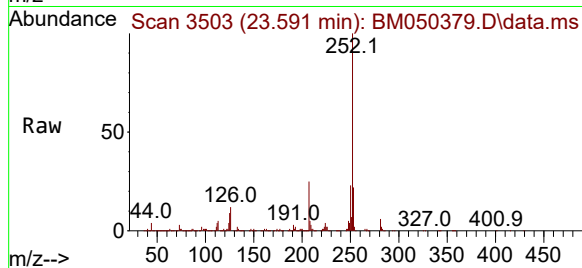
125 8.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#90

Benzo(a)pyrene

Concen: 8.550 ng

RT: 24.344 min Scan# 3631

Delta R.T. -0.012 min

Lab File: BM050379.D

Acq: 08 Jul 2025 14:00

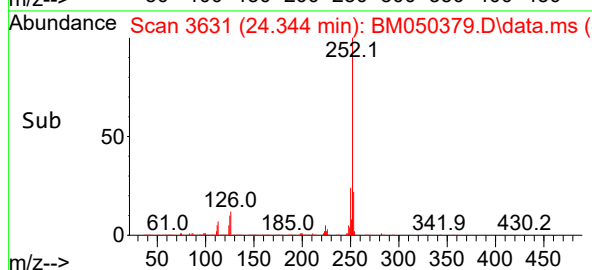
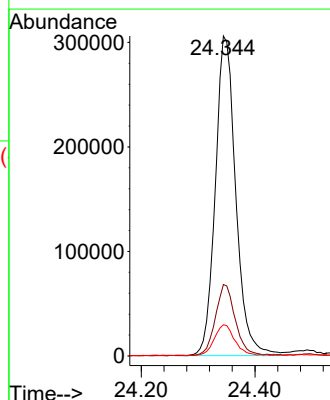
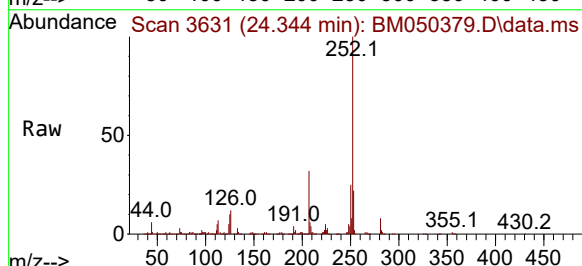
Tgt Ion:252 Resp: 764280

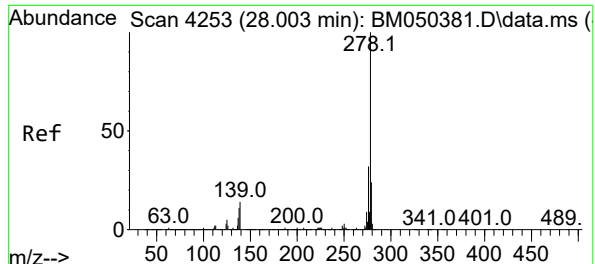
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

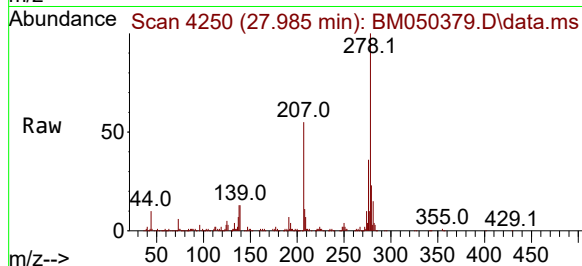
125 9.7 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 27.985 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

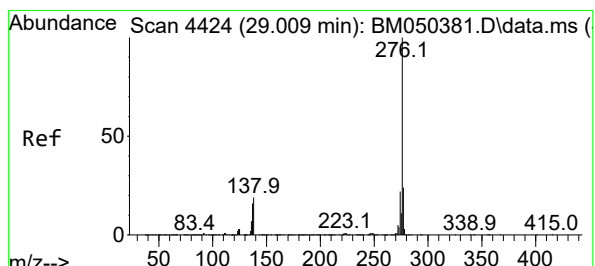
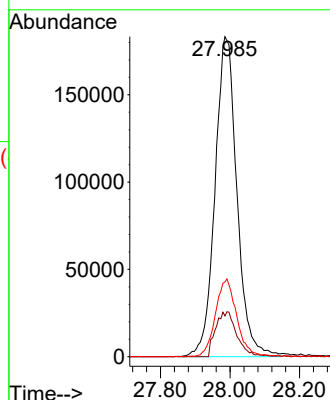
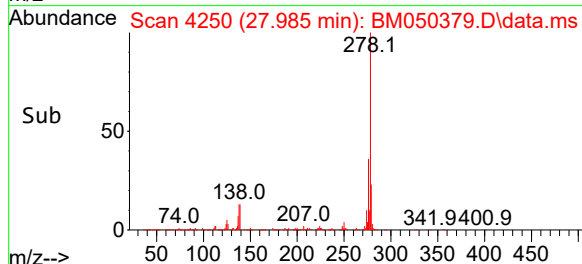
Instrument :
BNA_M
ClientSampleId :
SSTDICC010



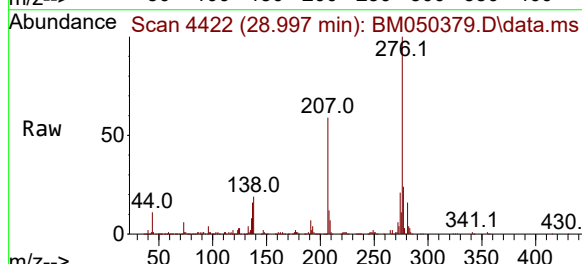
Tgt Ion:278 Resp: 803050
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.4 19.4 29.0

Manual Integrations
APPROVED

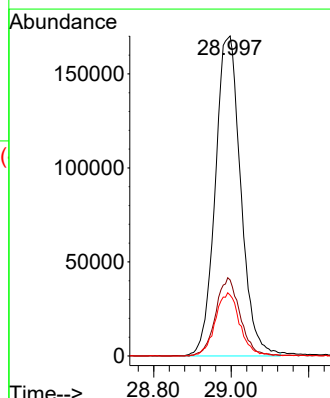
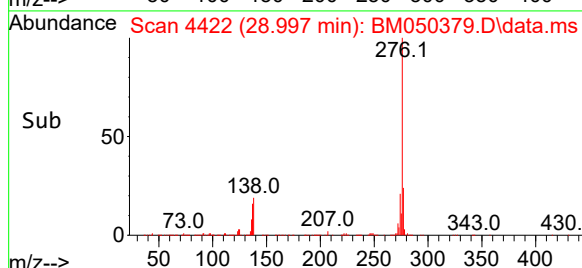
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#92
Benzo(g,h,i)perylene
Concen: 8.841 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00



Tgt Ion:276 Resp: 776700
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 19.0 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050380.D
 Acq On : 08 Jul 2025 14:40
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:21:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	361505	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1364913	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	879171	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1676151	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1698030	20.000	ng	0.00
86) Perylene-d12	24.492	264	1655344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	830817	39.560	ng	0.00
7) Phenol-d6	7.016	99	1041640	39.345	ng	0.00
23) Nitrobenzene-d5	9.016	82	1065139	39.813	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	404270	37.846	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2831991	39.780	ng	0.00
79) Terphenyl-d14	19.839	244	4159871	43.104	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	174356	20.190	ng	99
3) Pyridine	3.734	79	453940	20.022	ng	99
4) n-Nitrosodimethylamine	3.640	42	215262	20.366	ng	# 95
6) Aniline	7.187	93	666785	19.625	ng	100
8) 2-Chlorophenol	7.428	128	440657	19.898	ng	97
9) Benzaldehyde	6.999	77	355966m	22.600	ng	
10) Phenol	7.046	94	548000	19.845	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	442290	20.000	ng	100
12) 1,3-Dichlorobenzene	7.757	146	540913	20.088	ng	98
13) 1,4-Dichlorobenzene	7.899	146	555418	20.200	ng	99
14) 1,2-Dichlorobenzene	8.216	146	525580	19.966	ng	99
15) Benzyl Alcohol	8.099	79	359867	19.292	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	657213	20.176	ng	100
17) 2-Methylphenol	8.299	107	354110	19.772	ng	100
18) Hexachloroethane	8.951	117	192269	19.883	ng	97
19) n-Nitroso-di-n-propyla...	8.669	70	320932	20.010	ng	98
20) 3+4-Methylphenols	8.622	107	468665	19.493	ng	99
22) Acetophenone	8.681	105	684104	20.046	ng	# 99
24) Nitrobenzene	9.057	77	481755	20.179	ng	100
25) Isophorone	9.587	82	865912	19.946	ng	99
26) 2-Nitrophenol	9.775	139	180315	18.532	ng	99
27) 2,4-Dimethylphenol	9.828	122	410521	19.828	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	575979	20.023	ng	100
29) 2,4-Dichlorophenol	10.304	162	424771	19.970	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	503042	19.769	ng	98
31) Naphthalene	10.710	128	1397680	20.160	ng	99
32) Benzoic acid	9.910	122	189237	19.011	ng	100
33) 4-Chloroaniline	10.810	127	582272	19.867	ng	99
34) Hexachlorobutadiene	11.010	225	303657	19.552	ng	99
35) Caprolactam	11.569	113	110042	18.951	ng	95
36) 4-Chloro-3-methylphenol	11.928	107	393366	19.804	ng	99
37) 2-Methylnaphthalene	12.322	142	871365	19.906	ng	98
38) 1-Methylnaphthalene	12.539	142	920592	19.872	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	536934	19.205	ng	99
41) Hexachlorocyclopentadiene	12.675	237	317506	17.766	ng	99
43) 2,4,6-Trichlorophenol	12.922	196	331504	19.263	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050380.D
 Acq On : 08 Jul 2025 14:40
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:21:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	364770	19.408	ng	99
46) 1,1'-Biphenyl	13.328	154	1300397	19.936	ng	99
47) 2-Chloronaphthalene	13.369	162	1043593	20.066	ng	99
48) 2-Nitroaniline	13.563	65	222094	19.132	ng	98
49) Acenaphthylene	14.216	152	1578057	20.078	ng	99
50) Dimethylphthalate	13.945	163	1202901	19.873	ng	100
51) 2,6-Dinitrotoluene	14.057	165	231144	19.889	ng	99
52) Acenaphthene	14.557	154	990178	19.816	ng	99
53) 3-Nitroaniline	14.380	138	244460	19.779	ng	96
54) 2,4-Dinitrophenol	14.586	184	85284	18.641	ng	96
55) Dibenzofuran	14.886	168	1543545	20.048	ng	99
56) 4-Nitrophenol	14.680	139	198160	18.644	ng	99
57) 2,4-Dinitrotoluene	14.839	165	299004	18.935	ng	95
58) Fluorene	15.539	166	1255879	19.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	312205	19.733	ng	99
60) Diethylphthalate	15.310	149	1159537	20.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	644238	19.428	ng	99
62) 4-Nitroaniline	15.539	138	249635	19.209	ng	93
63) Azobenzene	15.822	77	1085005	20.436	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	129223	18.758	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039509	19.819	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	353272	19.130	ng	96
68) Hexachlorobenzene	16.539	284	424108	19.444	ng	99
69) Atrazine	16.686	200	333655	19.373	ng	97
70) Pentachlorophenol	16.874	266	243316	17.920	ng	98
71) Phenanthrene	17.269	178	1876408	19.784	ng	100
72) Anthracene	17.357	178	1859273	19.694	ng	99
73) Carbazole	17.621	167	1691521	19.801	ng	100
74) Di-n-butylphthalate	18.198	149	1829412	19.566	ng	100
75) Fluoranthene	19.274	202	1980887	19.212	ng	98
77) Benzidine	19.451	184	884477	20.422	ng	99
78) Pyrene	19.639	202	2140070	19.679	ng	99
80) Butylbenzylphthalate	20.533	149	681649	19.009	ng	95
81) Benzo(a)anthracene	21.433	228	2176940	19.676	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	689176	18.471	ng	100
83) Chrysene	21.498	228	2037978	19.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1117874	19.638	ng	100
85) Di-n-octyl phthalate	22.521	149	1580618	17.729	ng	99
87) Indeno(1,2,3-cd)pyrene	27.927	276	2274737	19.328	ng	99
88) Benzo(b)fluoranthene	23.533	252	1948651	19.138	ng	99
89) Benzo(k)fluoranthene	23.592	252	2064811	19.544	ng	99
90) Benzo(a)pyrene	24.350	252	1819117	19.085	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	1918673	19.357	ng	100
92) Benzo(g,h,i)perylene	28.997	276	1815952	19.385	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

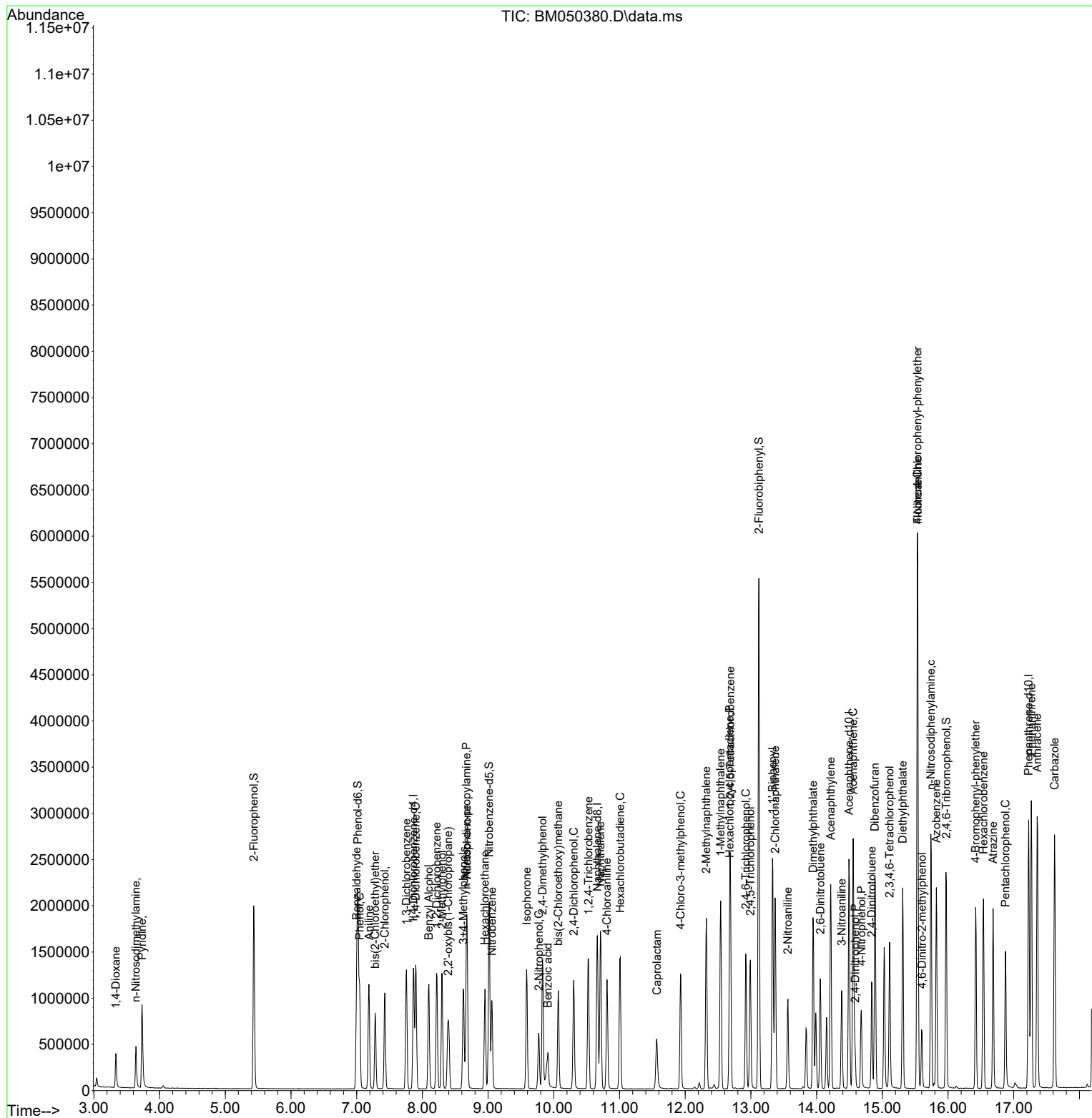
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



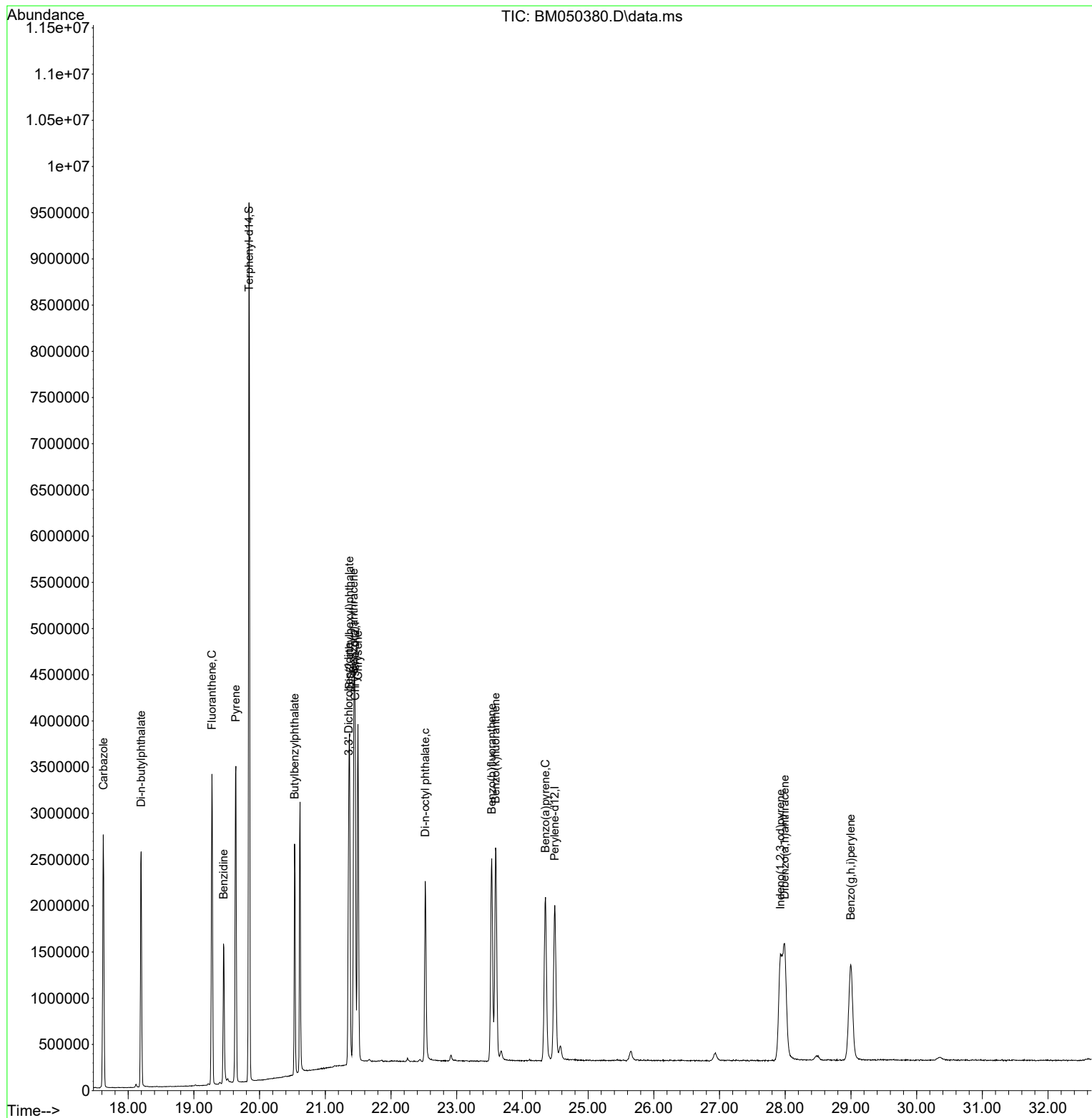
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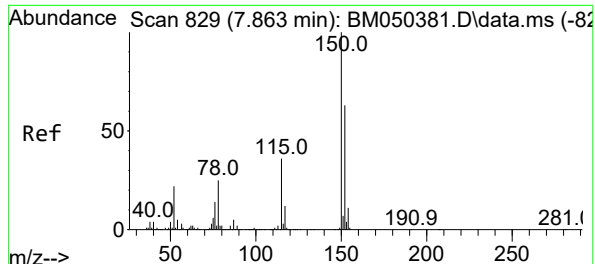
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

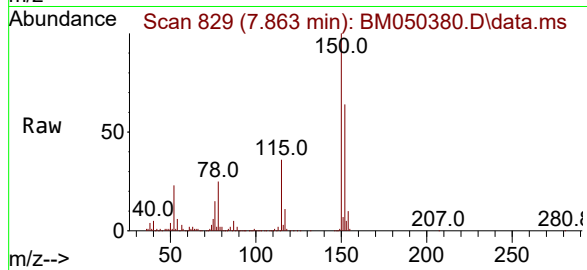
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

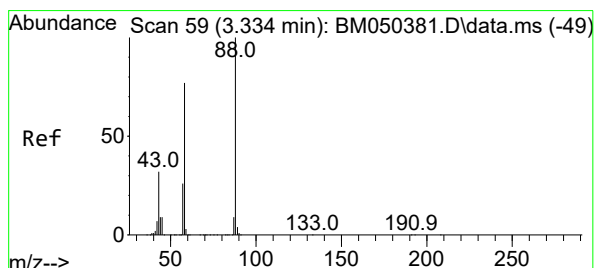
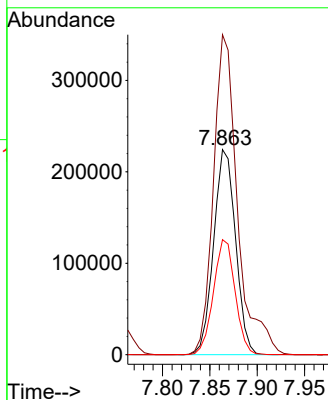
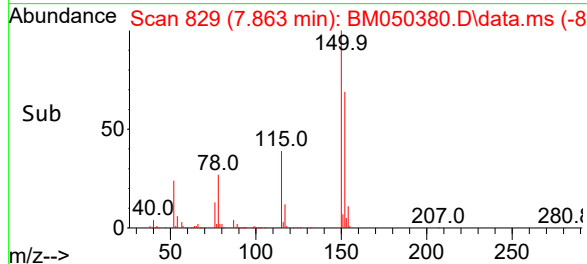
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 36150
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 56.1 45.8 68.8

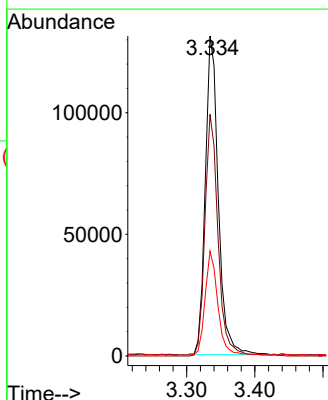
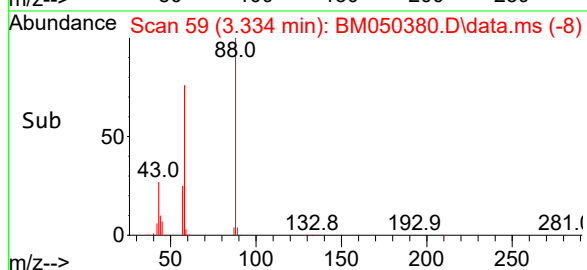
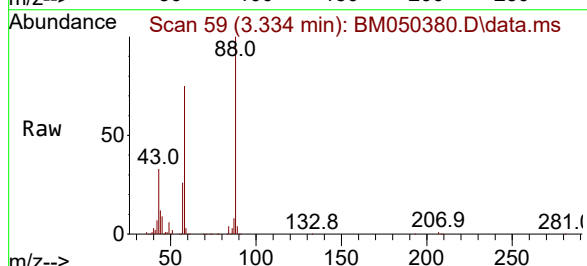
Manual Integrations
APPROVED

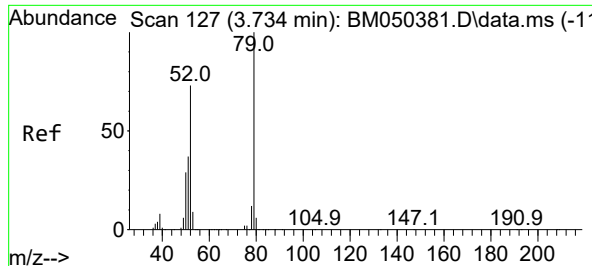
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#2
1,4-Dioxane
Concen: 20.190 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

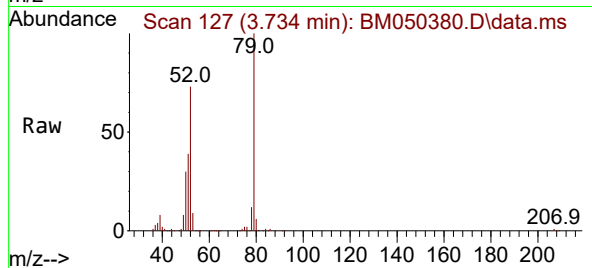
Tgt Ion: 88 Resp: 174356
Ion Ratio Lower Upper
88 100
58 76.7 61.0 91.6
43 31.7 24.6 37.0





#3
Pyridine
Concen: 20.022 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

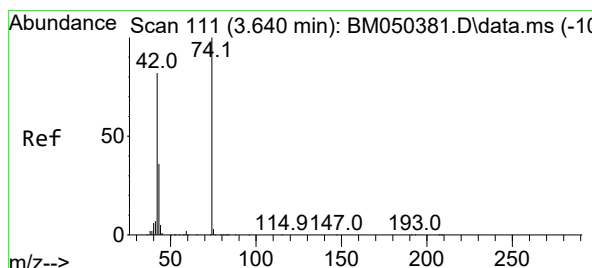
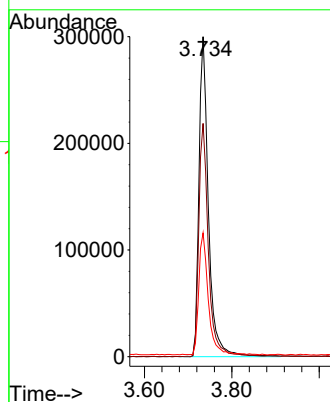
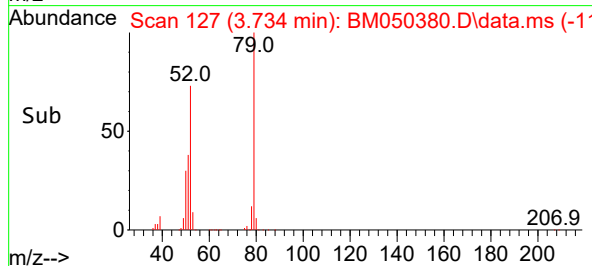
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 453940
Ion Ratio Lower Upper
79 100
52 72.9 58.3 87.5
51 38.7 29.6 44.4

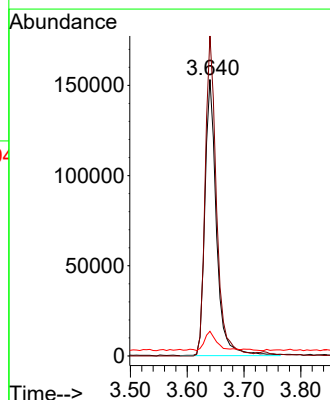
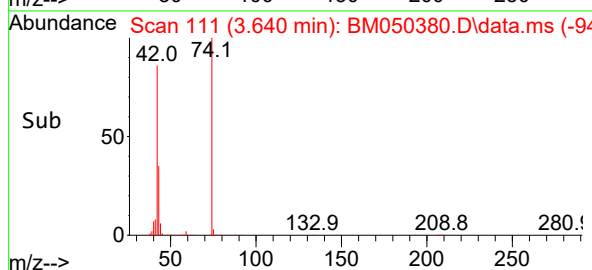
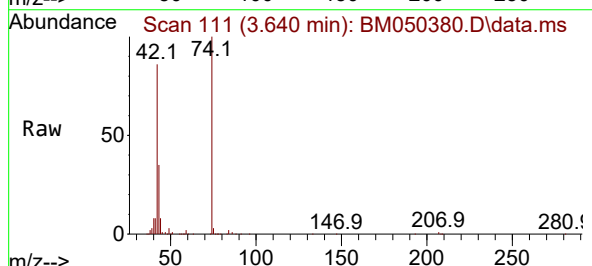
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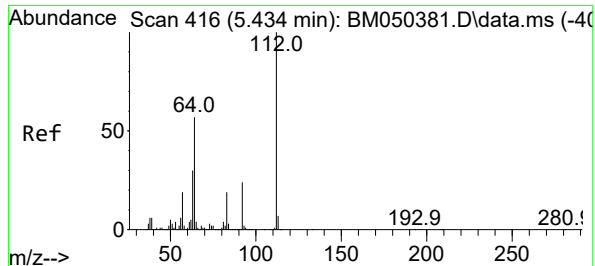
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#4
n-Nitrosodimethylamine
Concen: 20.366 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 42 Resp: 215262
Ion Ratio Lower Upper
42 100
74 115.7 97.5 146.3
44 8.9 5.7 8.5#





#5

2-Fluorophenol

Concen: 39.560 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:112 Resp: 83081

Ion Ratio Lower Upper

112 100

64 57.5 45.5 68.3

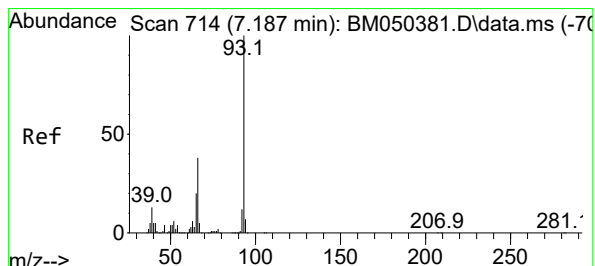
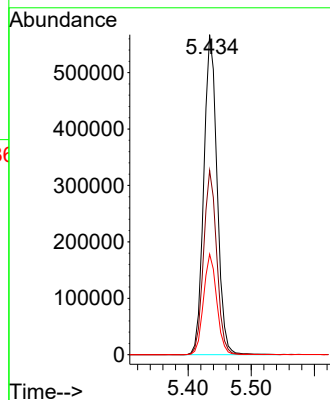
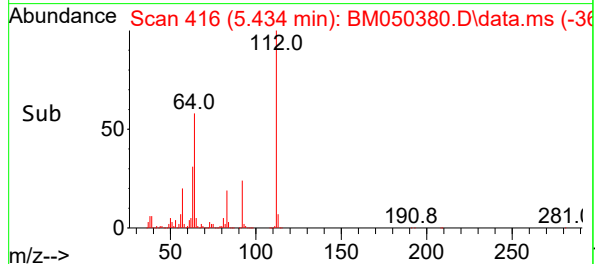
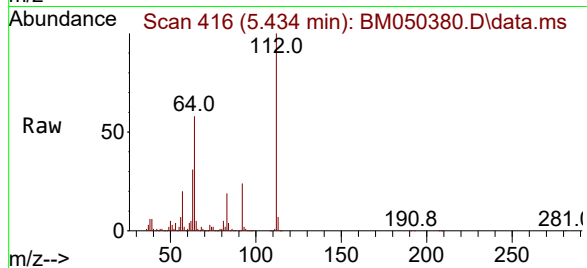
63 31.4 24.2 36.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#6

Aniline

Concen: 19.625 ng

RT: 7.187 min Scan# 714

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

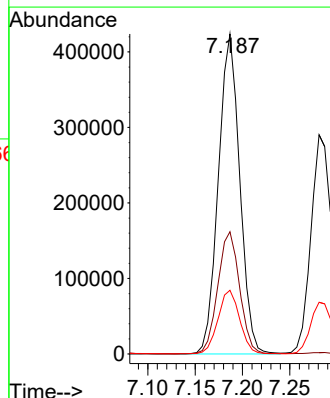
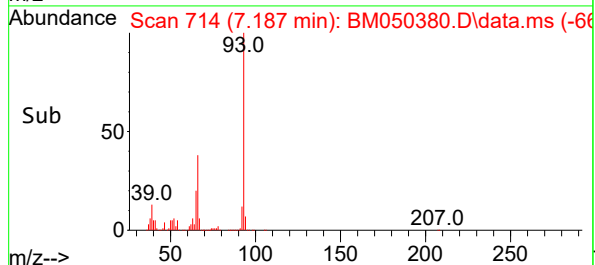
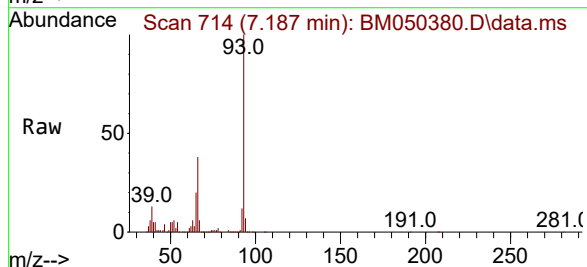
Tgt Ion: 93 Resp: 666785

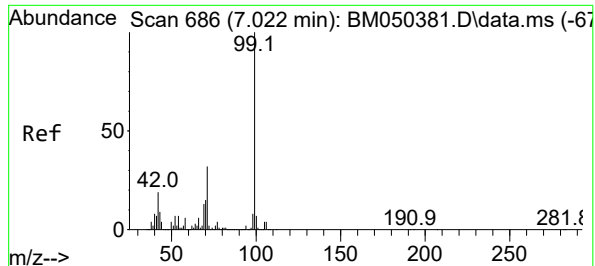
Ion Ratio Lower Upper

93 100

66 38.2 30.5 45.7

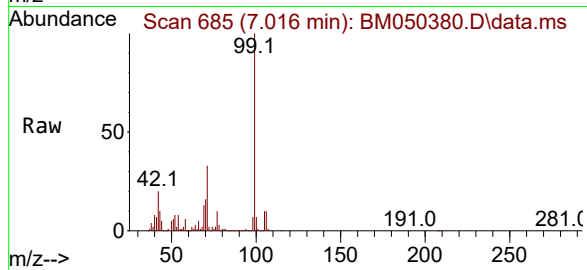
65 19.9 15.9 23.9





#7
Phenol-d6
Concen: 39.345 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

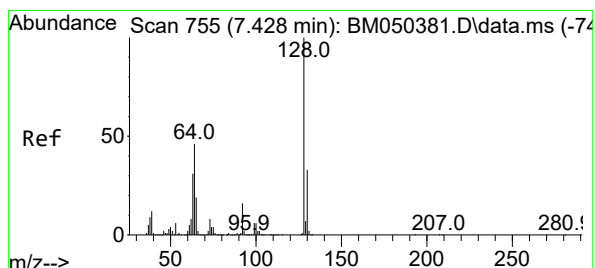
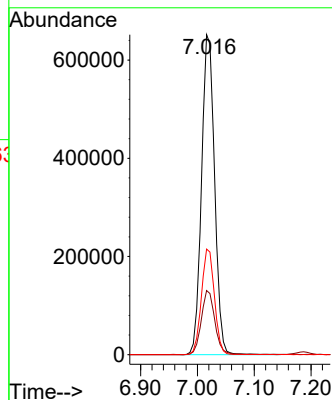
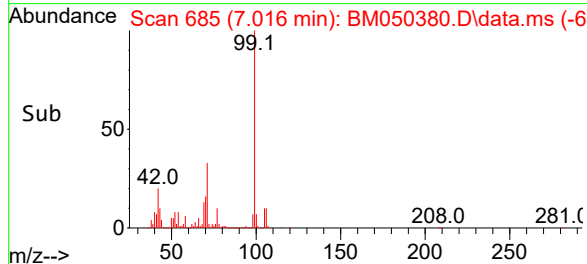
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 99 Resp: 1041640
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.6
71 33.0 25.9 38.9

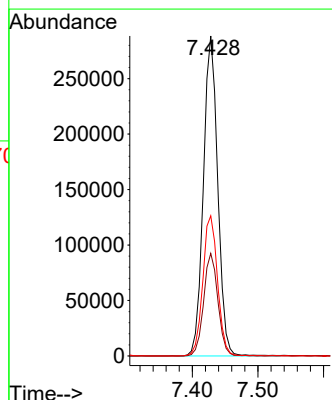
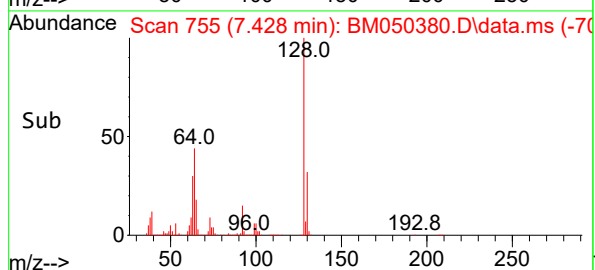
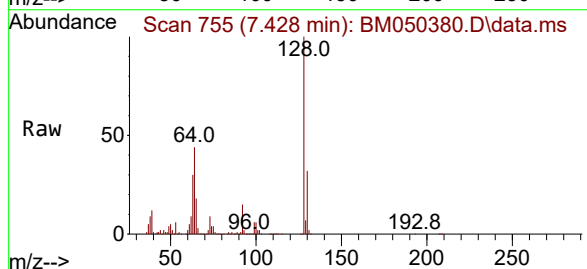
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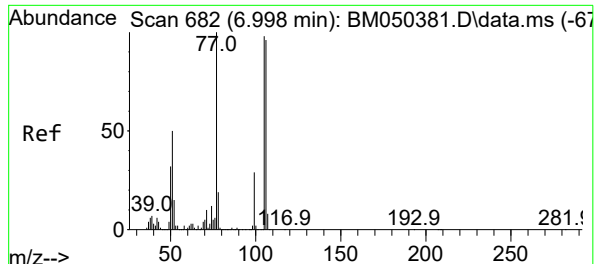
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#8
2-Chlorophenol
Concen: 19.898 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

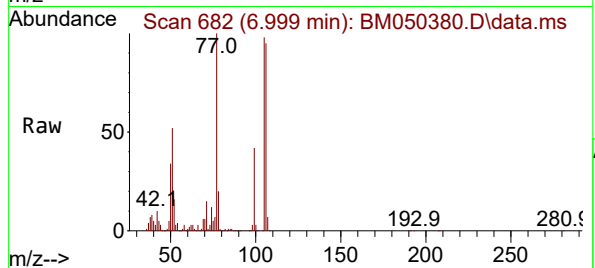
Tgt Ion:128 Resp: 440657
Ion Ratio Lower Upper
128 100
130 32.0 13.3 53.3
64 43.8 25.6 65.6





#9
Benzaldehyde
Concen: 22.600 ng m
RT: 6.999 min Scan# 682
Delta R.T. 0.001 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

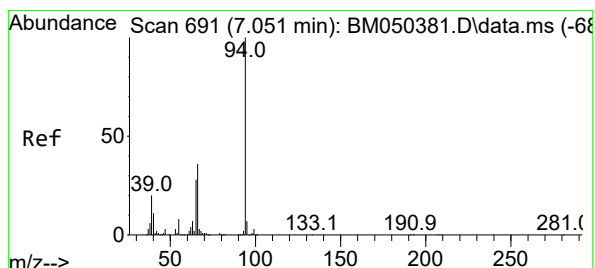
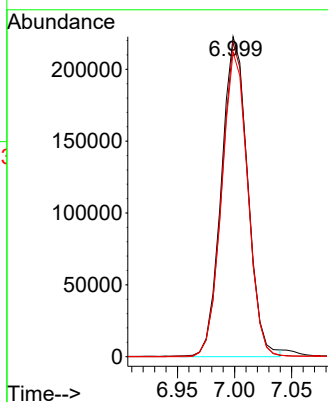
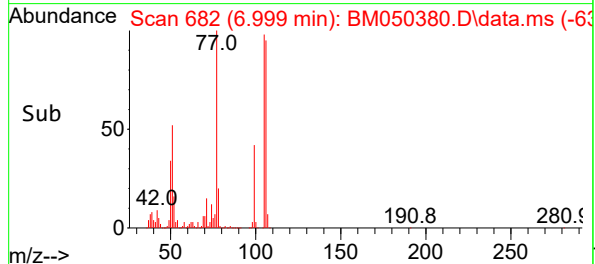
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 355960
Ion Ratio Lower Upper
77 100
105 98.1 78.4 118.4
106 95.2 76.3 116.3

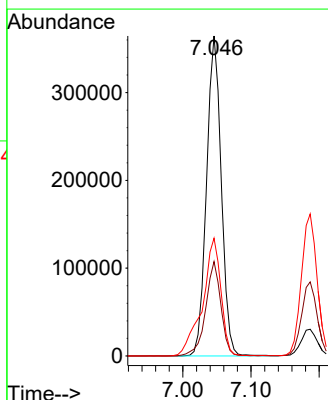
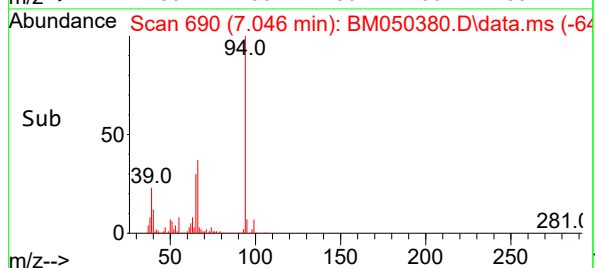
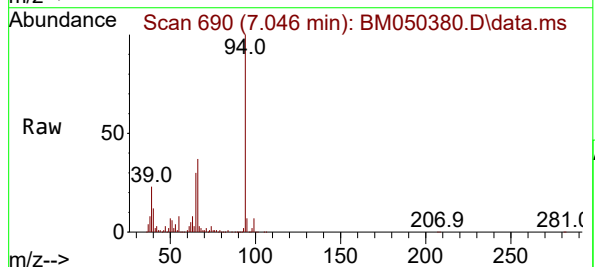
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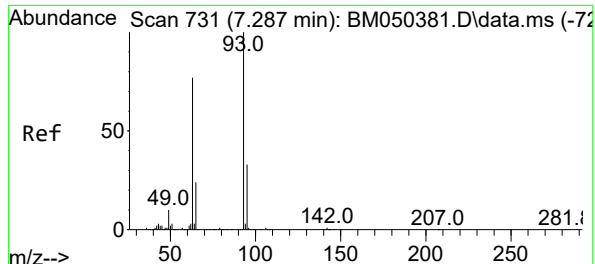
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#10
Phenol
Concen: 19.845 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 94 Resp: 548000
Ion Ratio Lower Upper
94 100
65 29.5 8.1 48.1
66 36.8 15.8 55.8





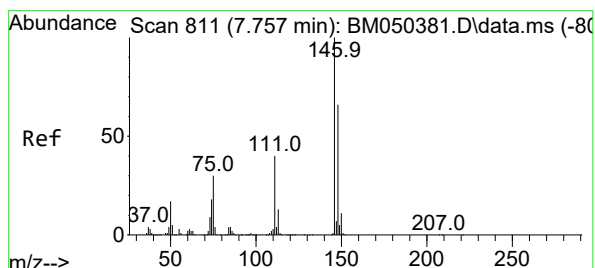
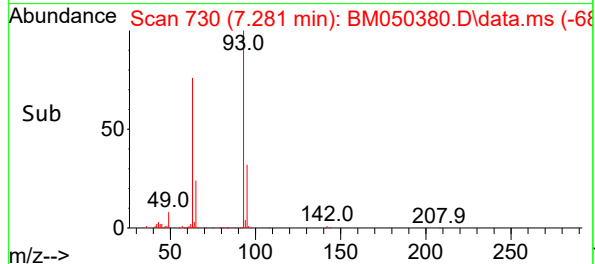
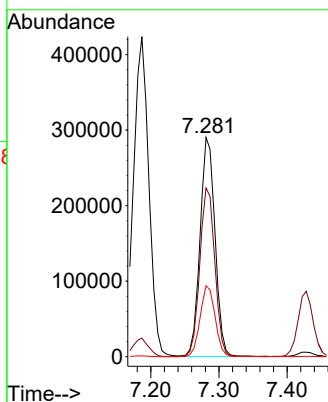
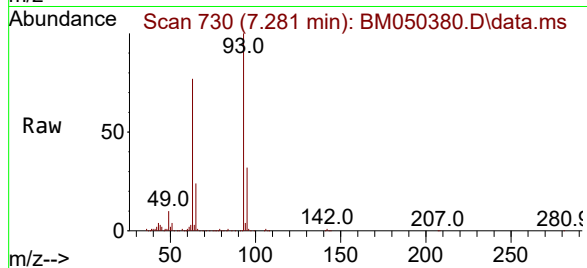
#11
bis(2-Chloroethyl)ether
Concen: 20.000 ng
RT: 7.281 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 442290
Ion Ratio Lower Upper
93 100
63 77.0 56.9 96.9
95 32.3 12.6 52.6

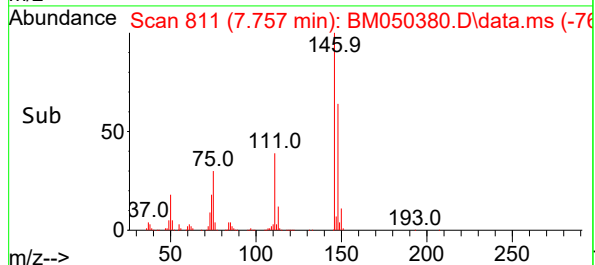
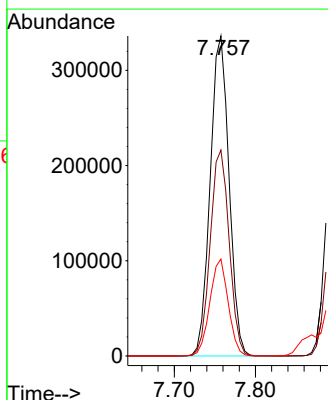
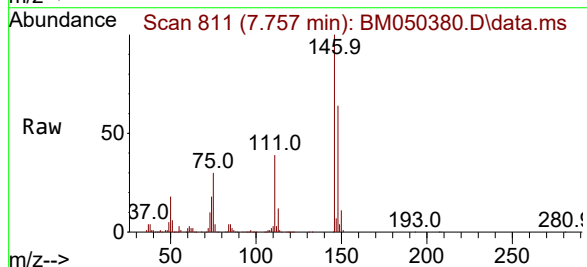
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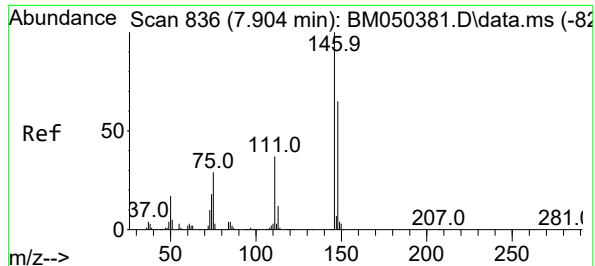
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#12
1,3-Dichlorobenzene
Concen: 20.088 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 540913
Ion Ratio Lower Upper
146 100
148 64.3 53.2 79.8
75 30.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 20.200 ng

RT: 7.899 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 555418

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

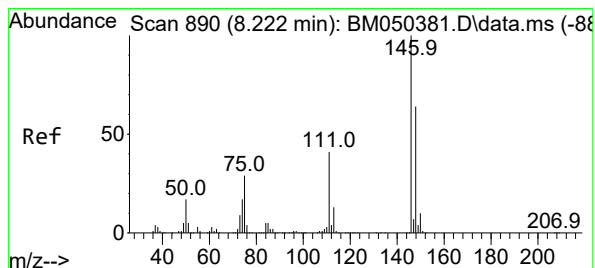
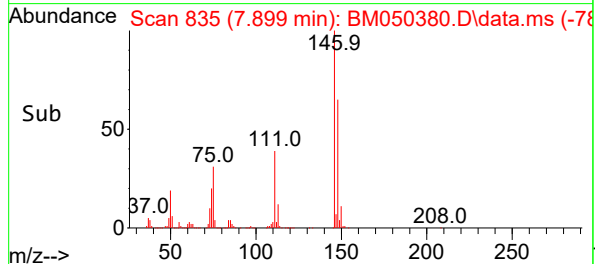
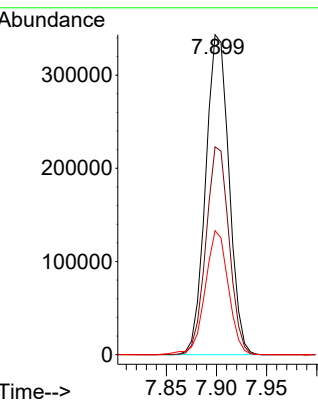
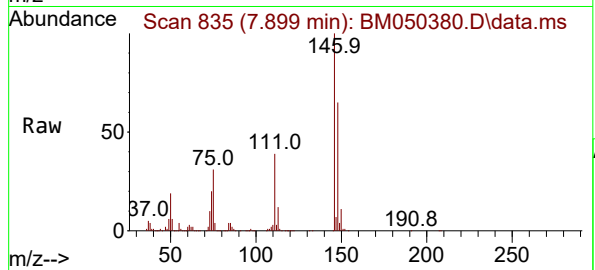
111 38.8 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#14

1,2-Dichlorobenzene

Concen: 19.966 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

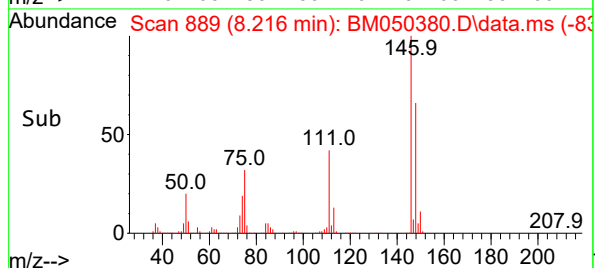
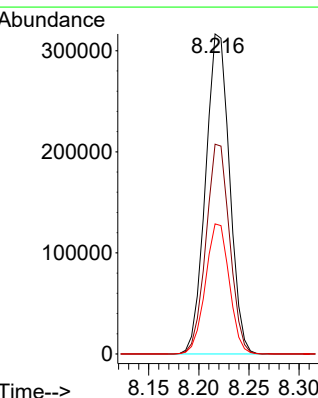
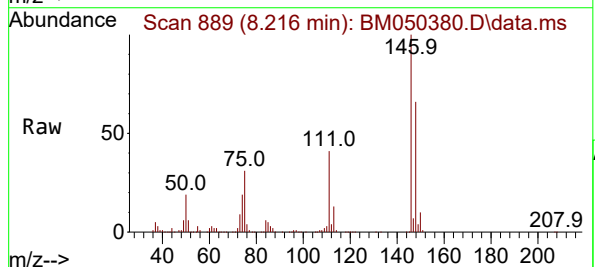
Tgt Ion:146 Resp: 525580

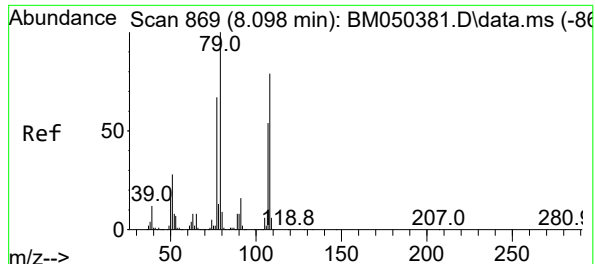
Ion Ratio Lower Upper

146 100

148 65.5 51.5 77.3

111 40.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 19.292 ng

RT: 8.099 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM050380.D

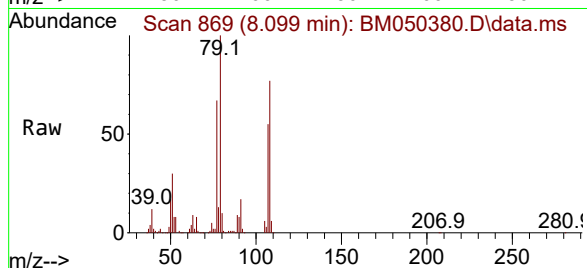
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 35986

Ion Ratio Lower Upper

79 100

108 77.3 63.0 94.4

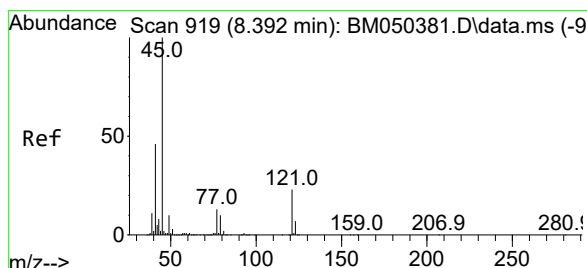
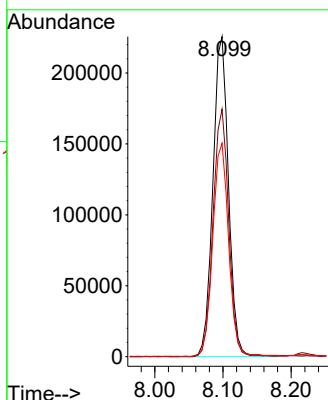
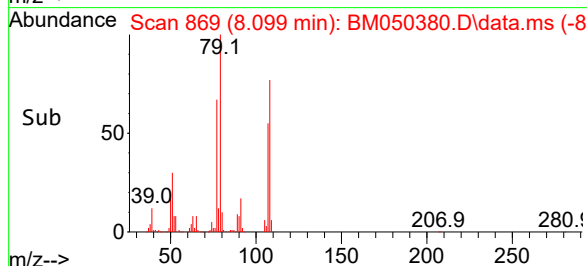
77 66.7 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.176 ng

RT: 8.393 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

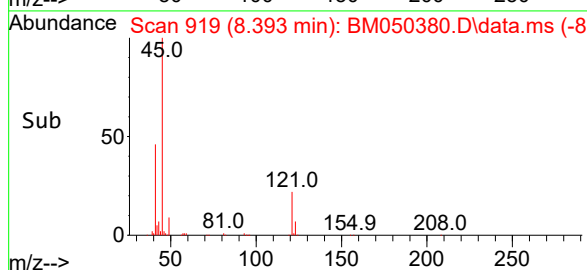
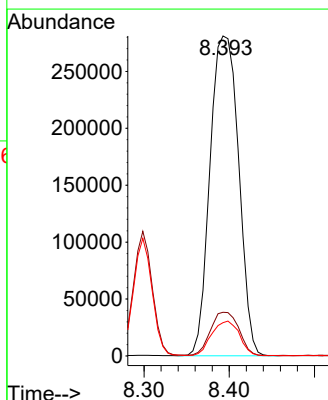
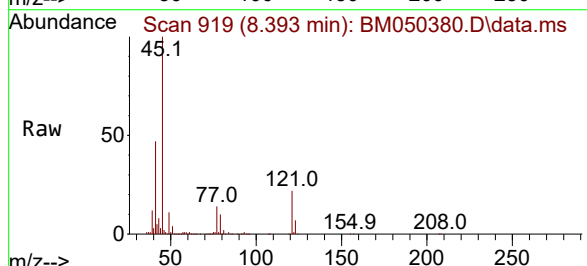
Tgt Ion: 45 Resp: 657213

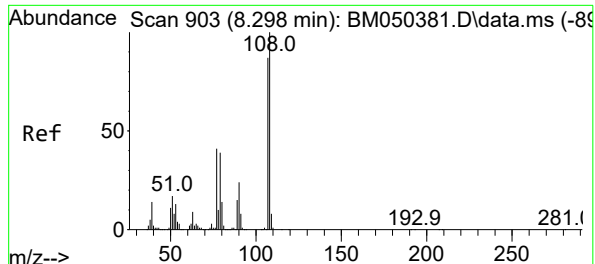
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

79 10.4 0.0 30.3





#17

2-Methylphenol

Concen: 19.772 ng

RT: 8.299 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050380.D

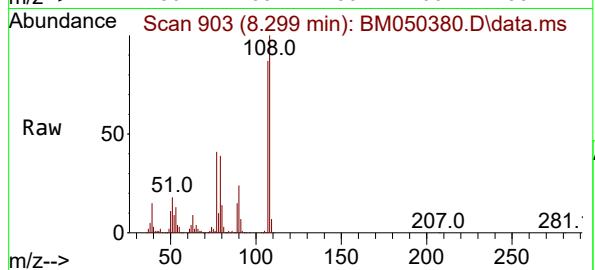
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:107 Resp: 354110

Ion Ratio Lower Upper

107 100

108 115.2 92.1 138.1

77 47.3 38.2 57.4

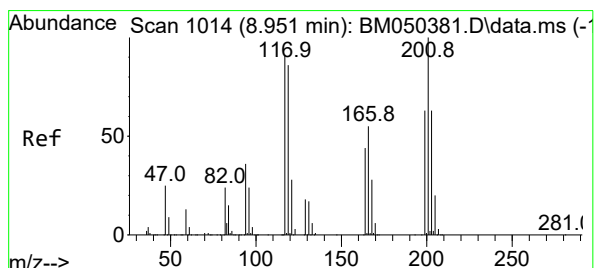
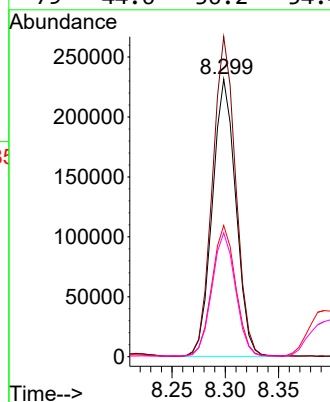
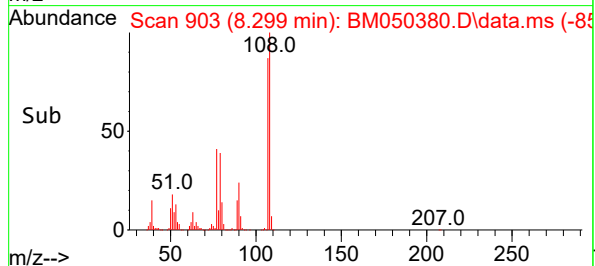
79 44.6 36.2 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#18

Hexachloroethane

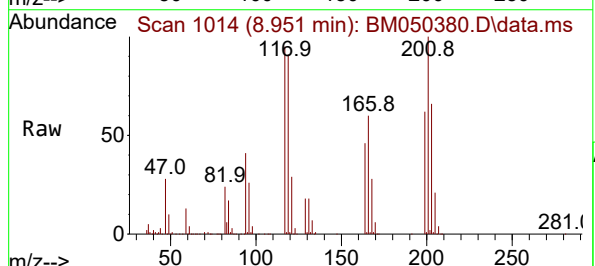
Concen: 19.883 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40



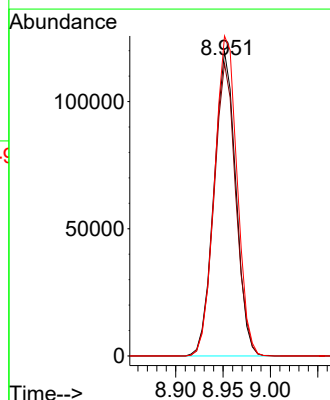
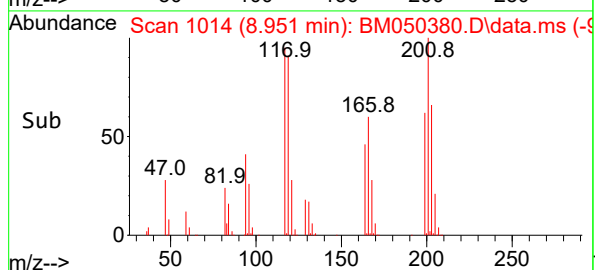
Tgt Ion:117 Resp: 192269

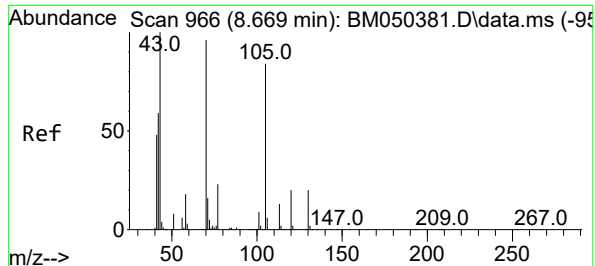
Ion Ratio Lower Upper

117 100

119 96.1 75.6 113.4

201 105.2 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 20.010 ng

RT: 8.669 min Scan# 966

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 32093

Ion Ratio Lower Upper

70 100

42 64.0 49.7 74.5

101 9.2 7.7 11.5

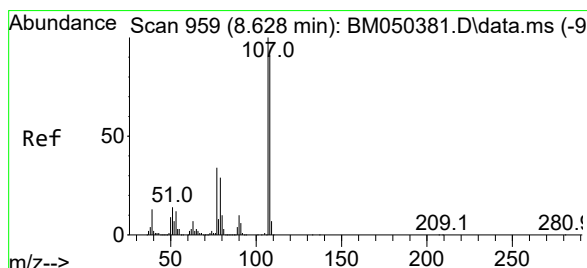
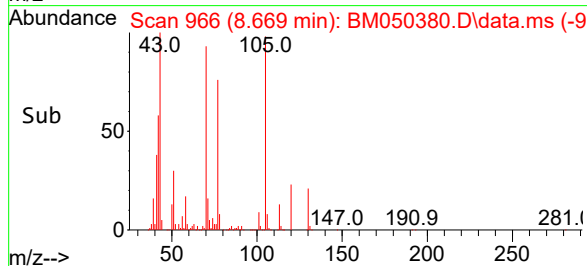
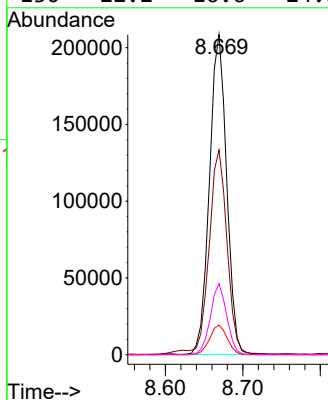
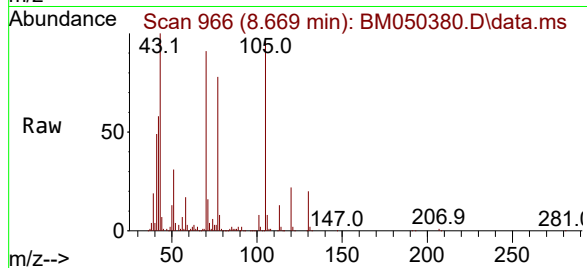
130 22.2 16.6 24.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#20

3+4-Methylphenols

Concen: 19.493 ng

RT: 8.622 min Scan# 958

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 468665

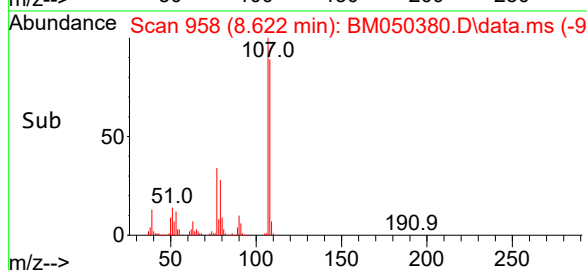
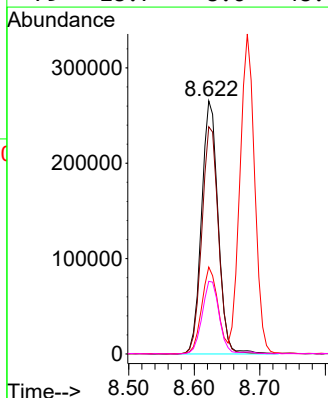
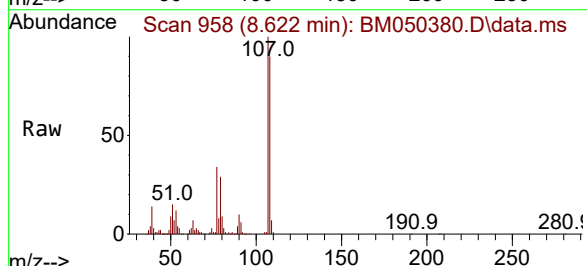
Ion Ratio Lower Upper

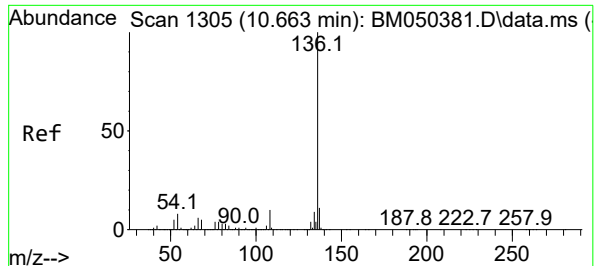
107 100

108 89.7 71.5 111.5

77 34.3 13.7 53.7

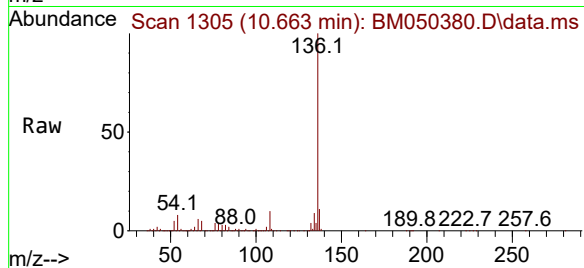
79 28.7 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

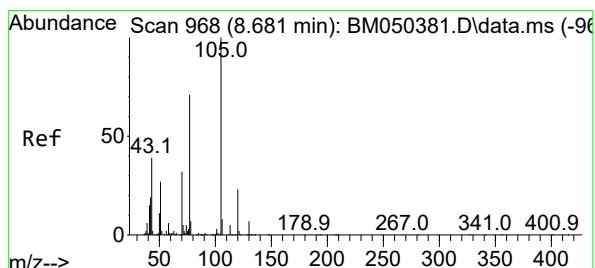
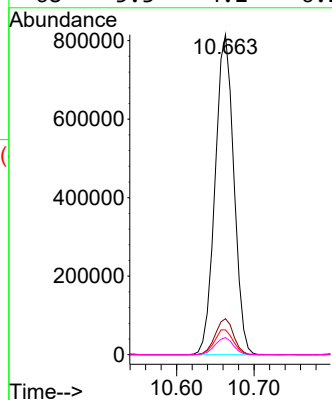
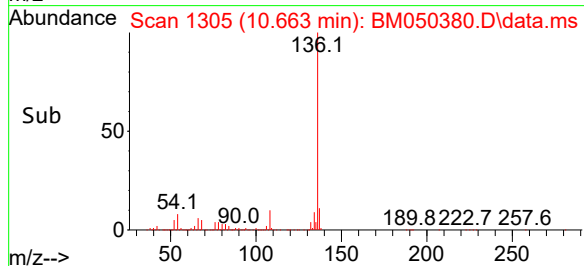
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 136491
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 6.3 9.5
68 5.3 4.2 6.2

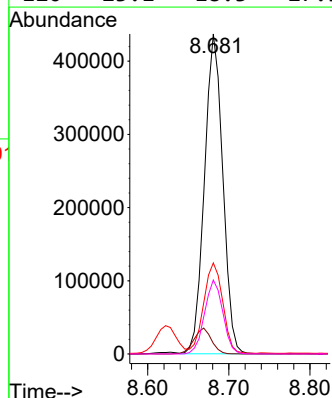
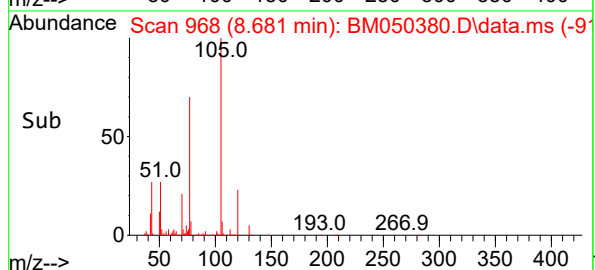
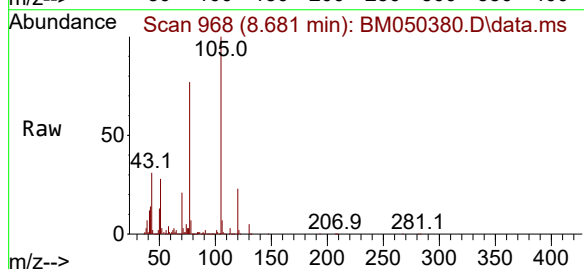
Manual Integrations
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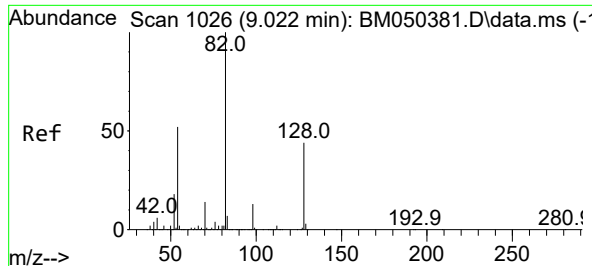
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#22
Acetophenone
Concen: 20.046 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:105 Resp: 684104
Ion Ratio Lower Upper
105 100
71 3.3 4.4 6.6#
51 28.4 23.0 34.6
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 39.813 ng

RT: 9.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BM050380.D

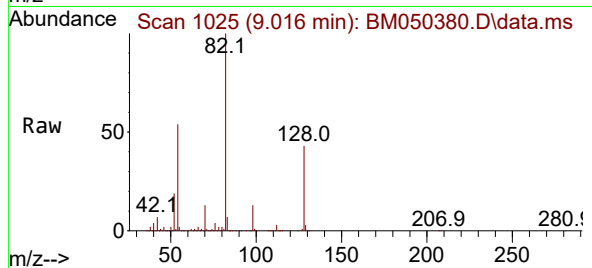
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion: 82 Resp: 1065139

Ion Ratio Lower Upper

82 100

128 42.7 35.2 52.8

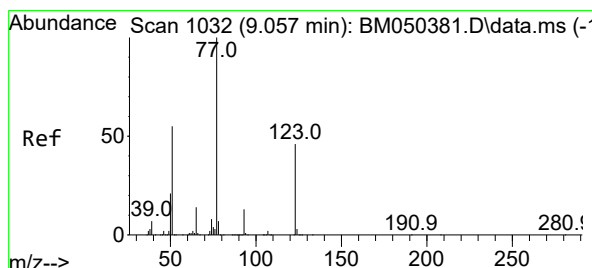
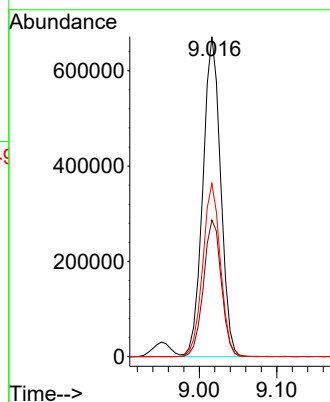
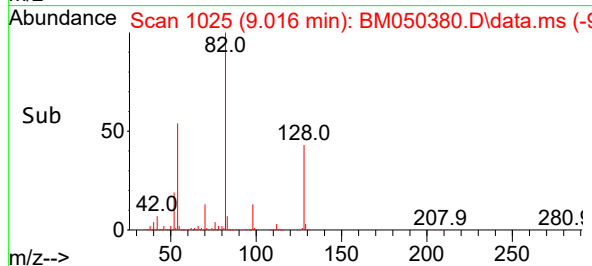
54 54.1 41.5 62.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#24

Nitrobenzene

Concen: 20.179 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

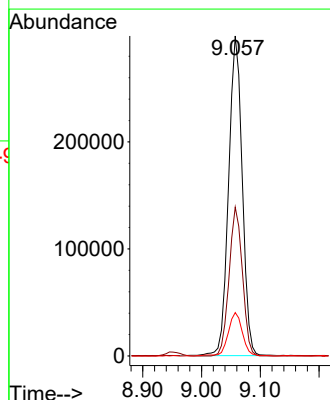
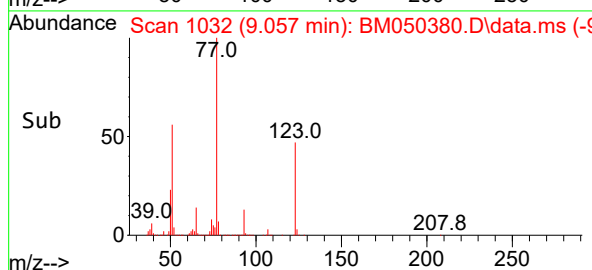
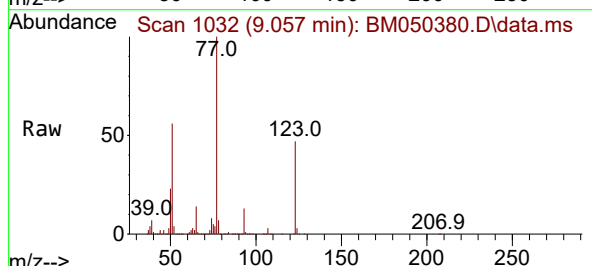
Tgt Ion: 77 Resp: 481755

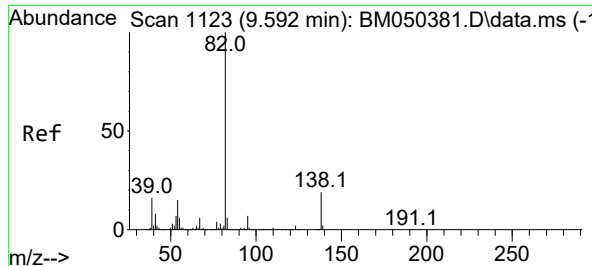
Ion Ratio Lower Upper

77 100

123 46.5 37.0 55.6

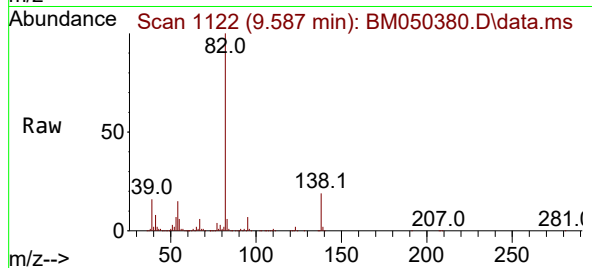
65 13.5 11.0 16.4





#25
Isophorone
Concen: 19.946 ng
RT: 9.587 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

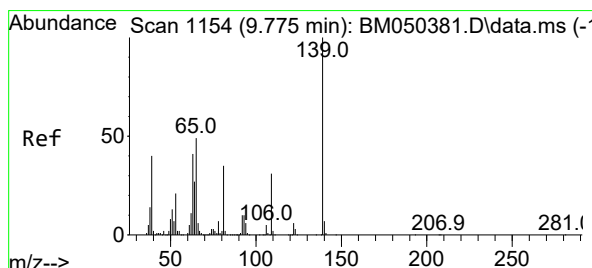
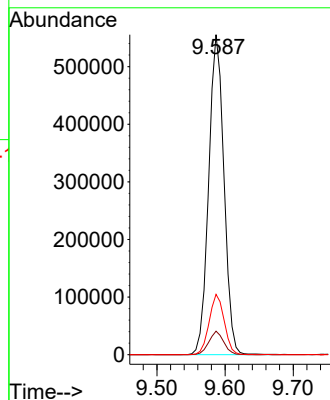
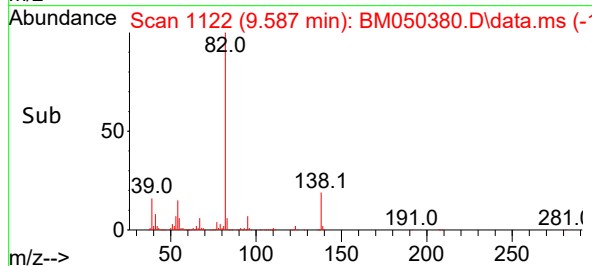
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



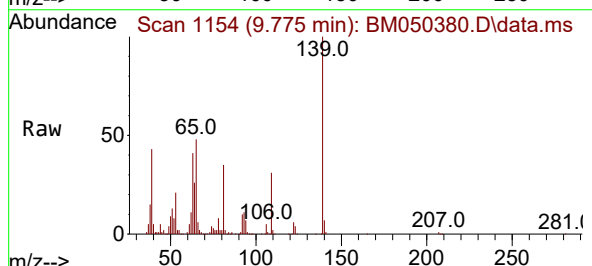
Tgt Ion: 82 Resp: 865912
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.8 15.3 22.9

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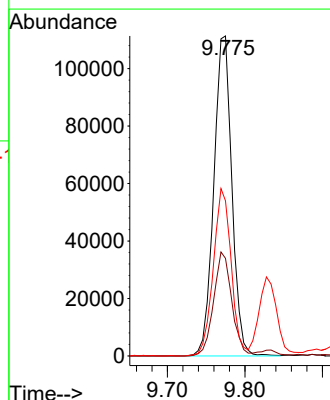
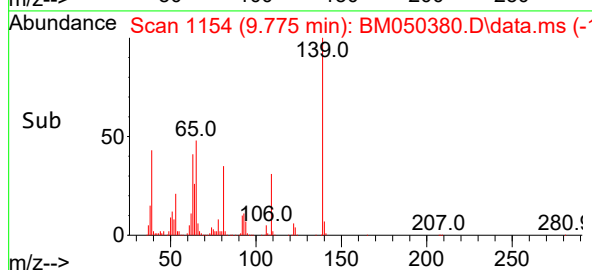
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

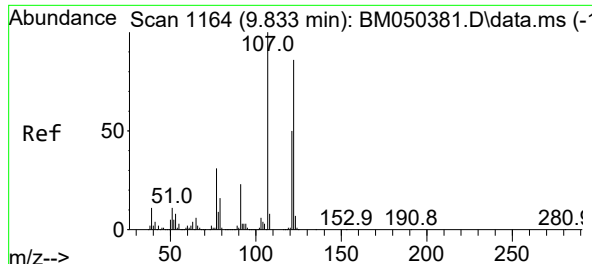


#26
2-Nitrophenol
Concen: 18.532 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



Tgt Ion:139 Resp: 180315
Ion Ratio Lower Upper
139 100
109 30.5 24.6 36.8
65 48.5 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 19.828 ng

RT: 9.828 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BM050380.D

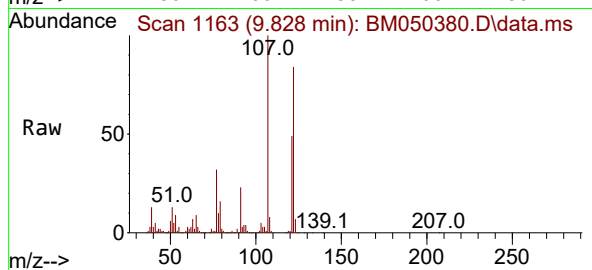
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:122 Resp: 41052

Ion Ratio Lower Upper

122 100

107 119.0 93.0 139.6

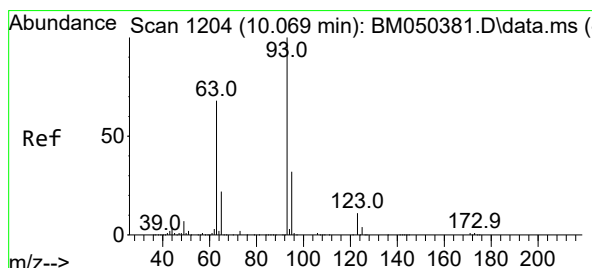
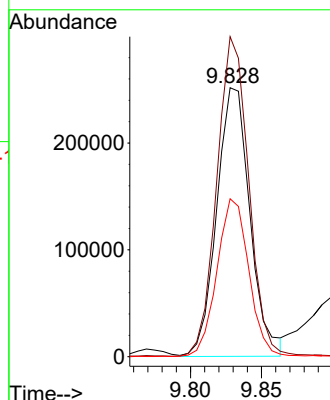
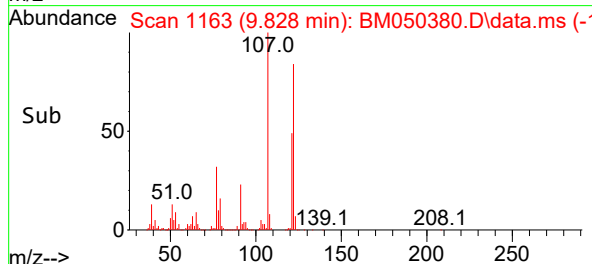
121 58.7 46.1 69.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#28

bis(2-Chloroethoxy)methane

Concen: 20.023 ng

RT: 10.069 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

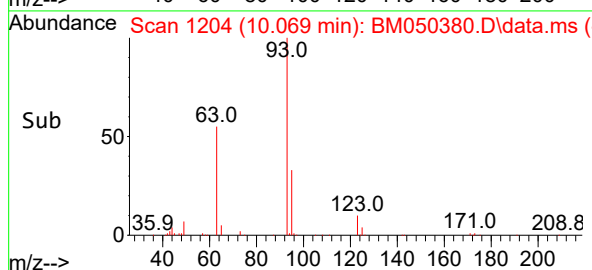
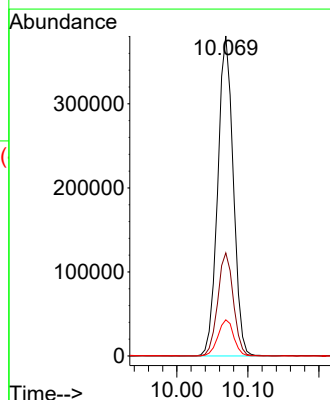
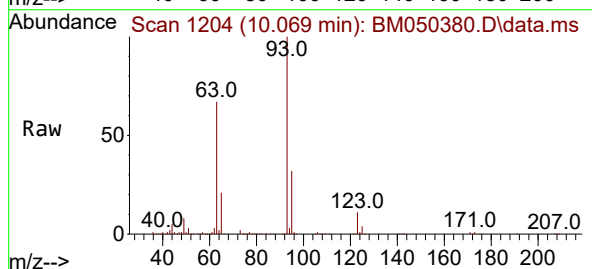
Tgt Ion: 93 Resp: 575979

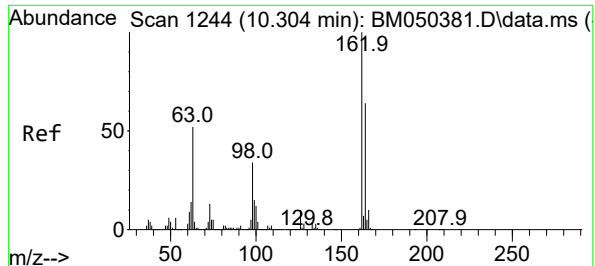
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

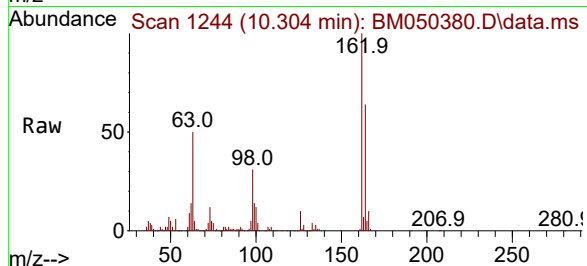
123 11.3 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 19.970 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

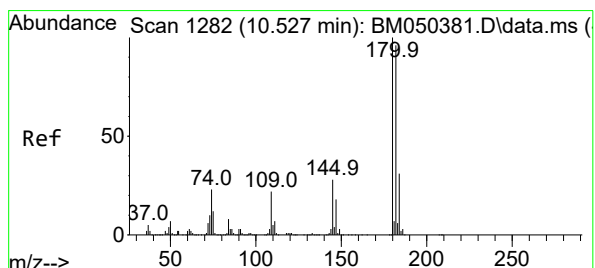
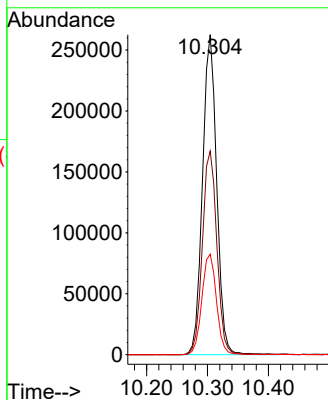
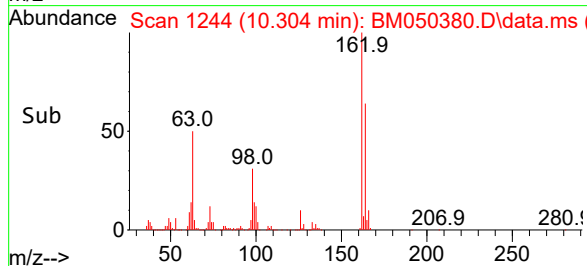
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 42477
Ion Ratio Lower Upper
162 100
164 63.7 43.7 83.7
98 31.4 13.7 53.7

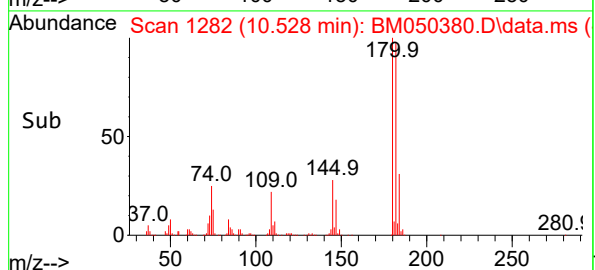
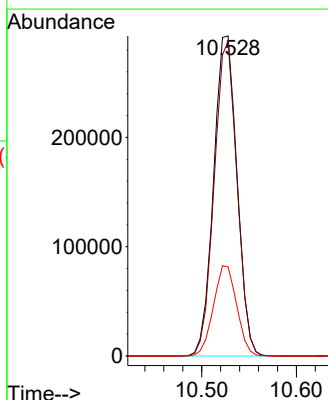
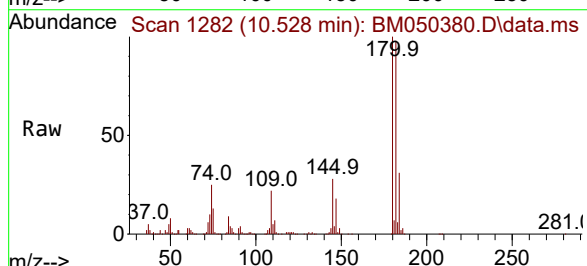
Manual Integrations
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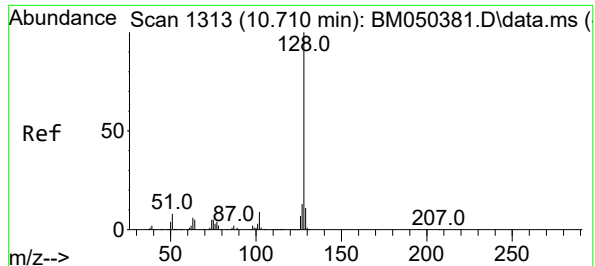
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 19.769 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

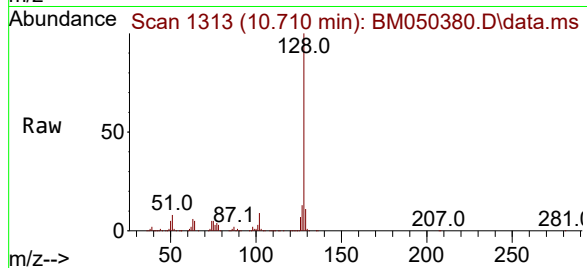
Tgt Ion:180 Resp: 503042
Ion Ratio Lower Upper
180 100
182 98.3 76.8 115.2
145 27.9 22.6 33.8





#31
Naphthalene
Concen: 20.160 ng
RT: 10.710 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

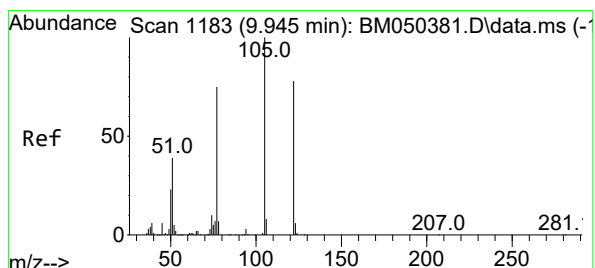
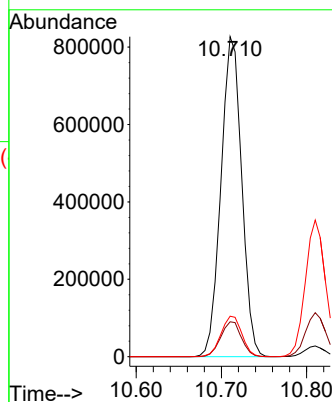
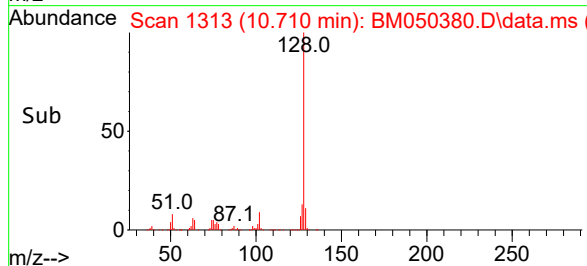
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 1397680
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.4 15.6

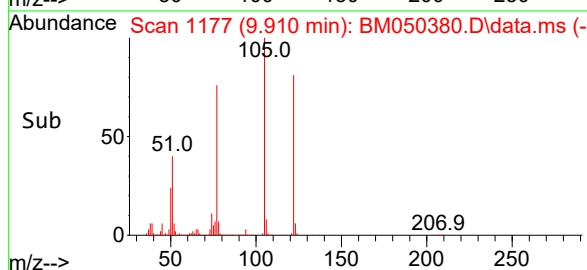
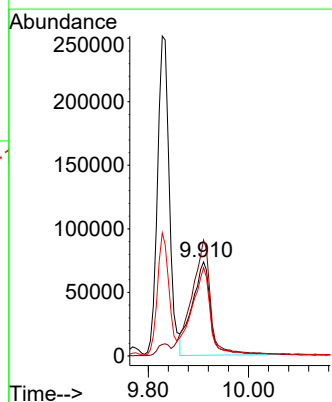
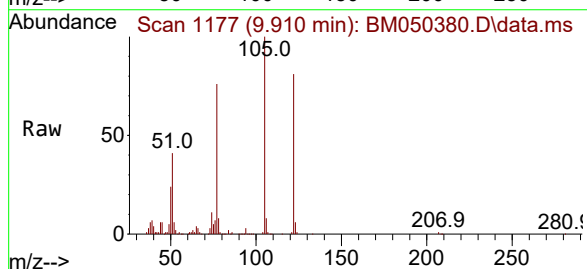
Manual Integrations
APPROVED

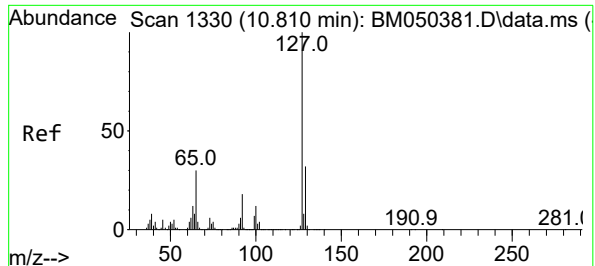
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#32
Benzoic acid
Concen: 19.011 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

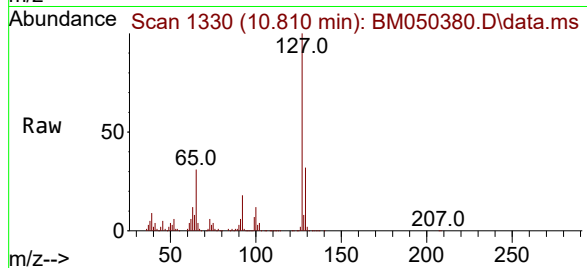
Tgt Ion:122 Resp: 189237
Ion Ratio Lower Upper
122 100
105 123.3 104.0 144.0
77 93.9 73.8 113.8





#33
4-Chloroaniline
Concen: 19.867 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

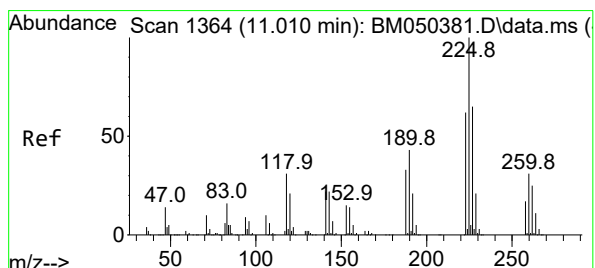
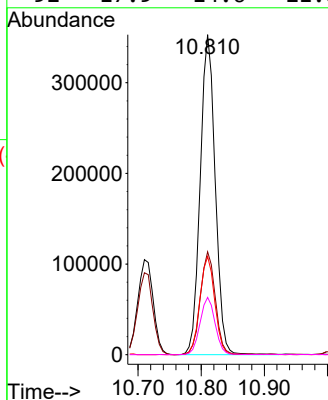
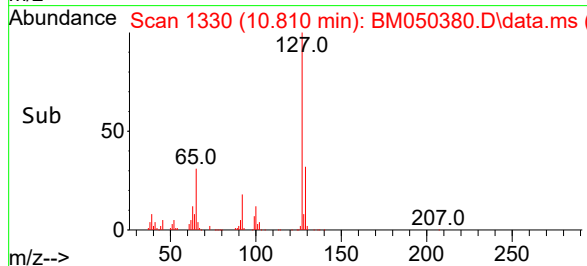
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



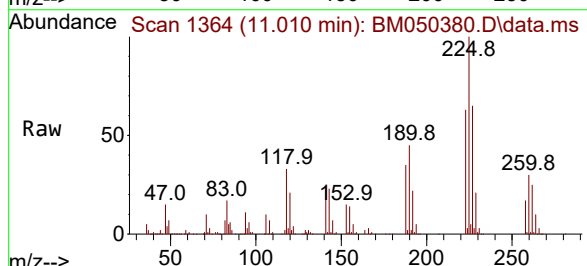
Tgt Ion:127 Resp: 582272
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 30.7 23.9 35.9
92 17.9 14.6 21.8

Manual Integrations
APPROVED

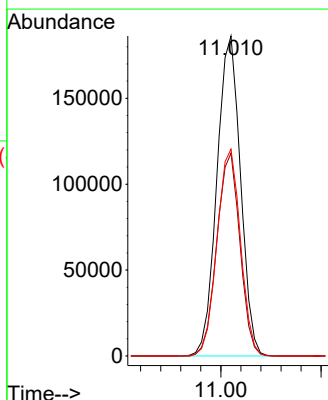
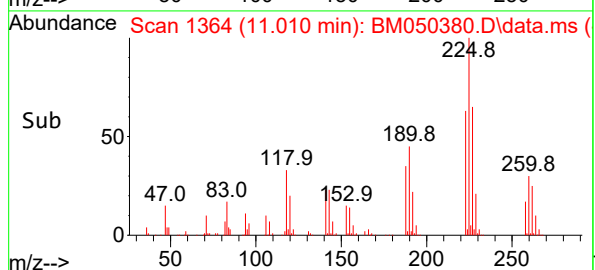
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

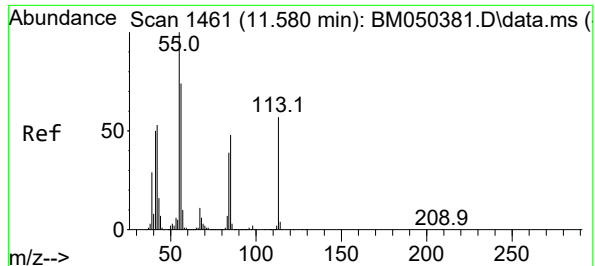


#34
Hexachlorobutadiene
Concen: 19.552 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



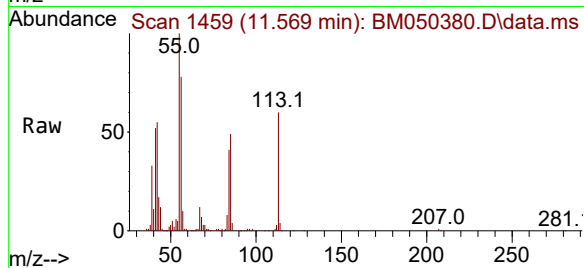
Tgt Ion:225 Resp: 303657
Ion Ratio Lower Upper
225 100
223 63.4 49.7 74.5
227 64.7 52.1 78.1





#35
Caprolactam
Concen: 18.951 ng
RT: 11.569 min Scan# 1461
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

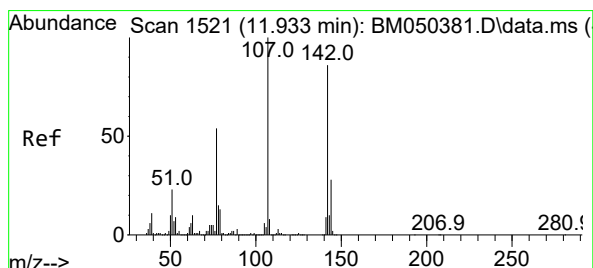
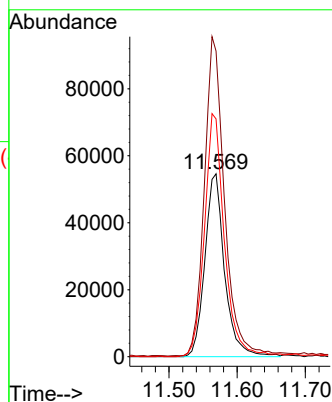
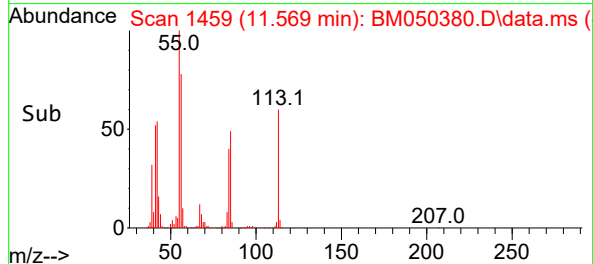
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 11004
Ion Ratio Lower Upper
113 100
55 167.1 157.2 197.2
56 130.0 111.7 151.7

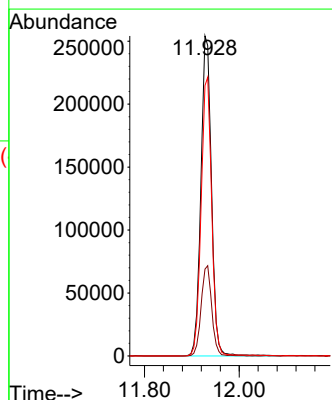
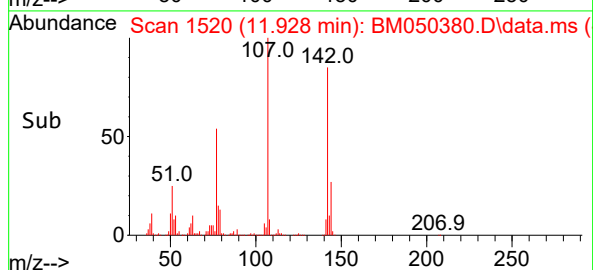
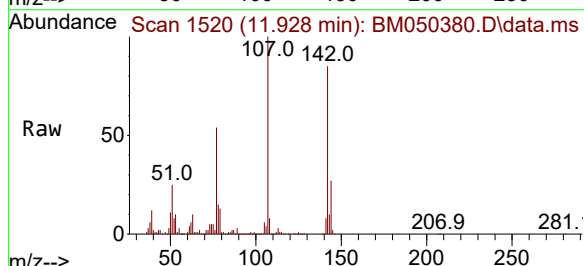
Manual Integrations
APPROVED

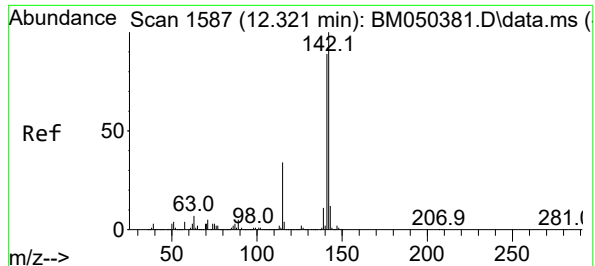
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#36
4-Chloro-3-methylphenol
Concen: 19.804 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

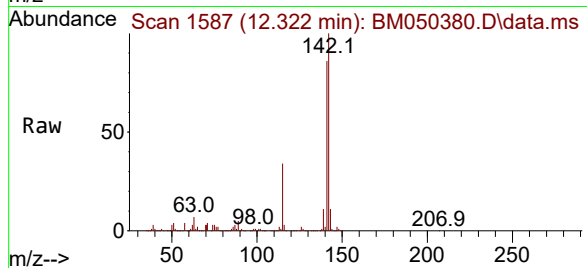
Tgt Ion:107 Resp: 393366
Ion Ratio Lower Upper
107 100
144 27.2 22.2 33.4
142 84.5 68.7 103.1





#37
2-Methylnaphthalene
Concen: 19.906 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

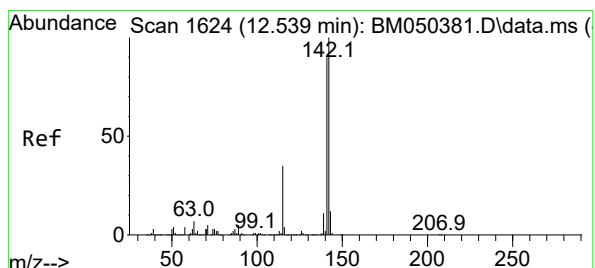
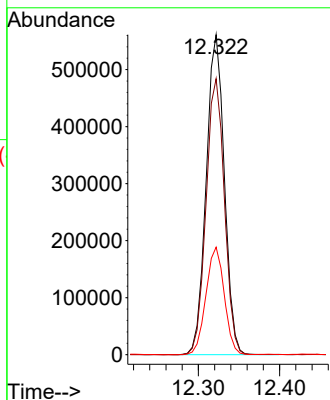
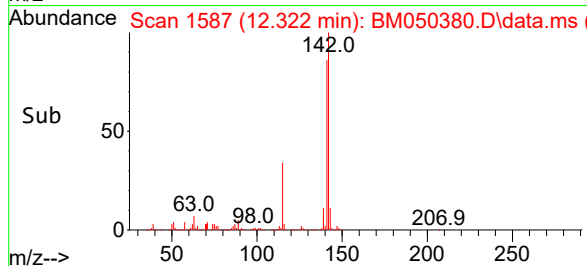
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 87136
Ion Ratio Lower Upper
142 100
141 86.3 70.8 106.2
115 33.6 27.0 40.4

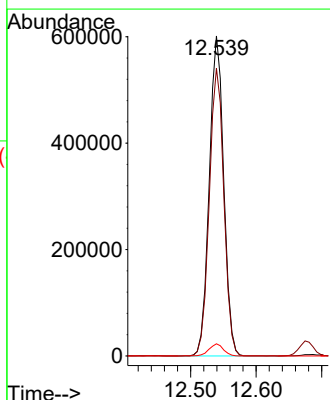
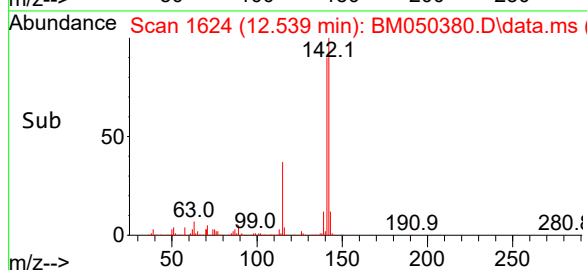
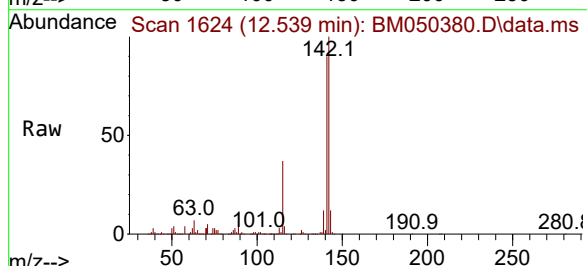
Manual Integrations
APPROVED

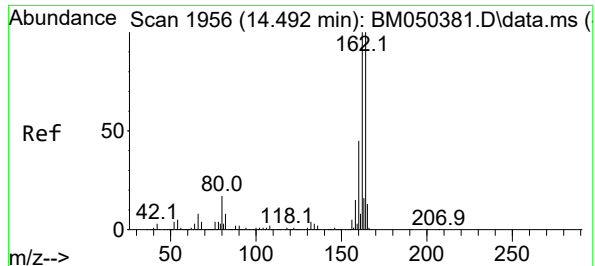
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#38
1-Methylnaphthalene
Concen: 19.872 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:142 Resp: 920592
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050380.D

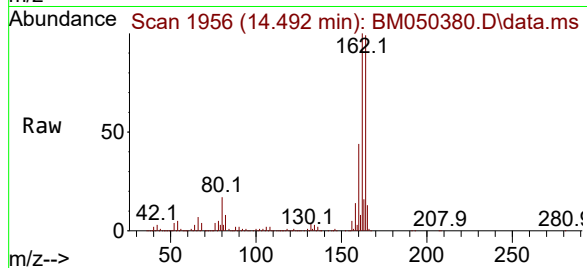
Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 87917

Ion Ratio Lower Upper

164 100

162 101.2 79.9 119.9

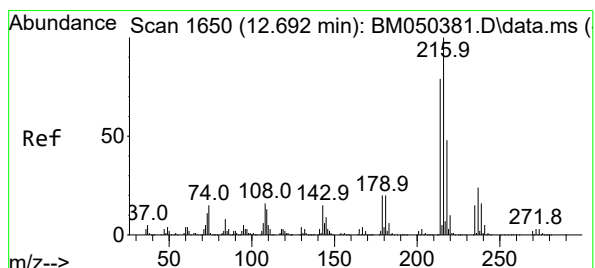
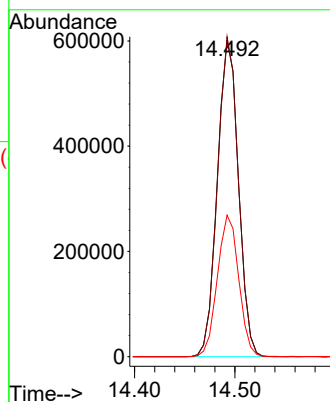
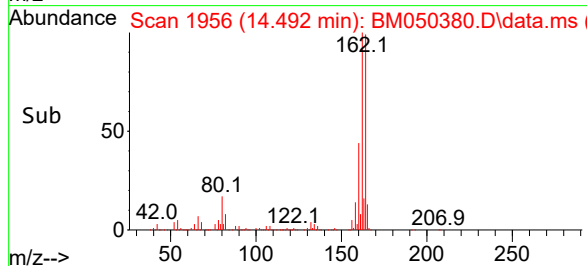
160 44.7 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.205 ng

RT: 12.686 min Scan# 1649

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Tgt Ion:216 Resp: 536934

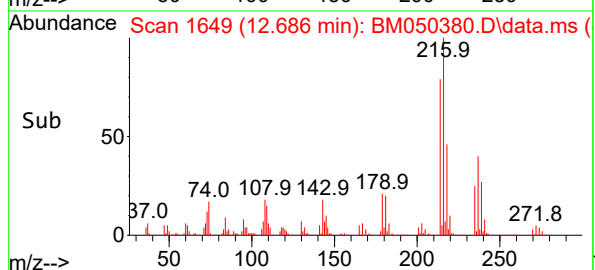
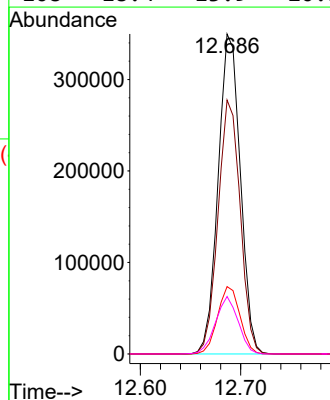
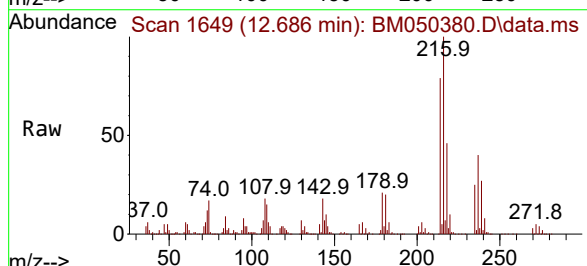
Ion Ratio Lower Upper

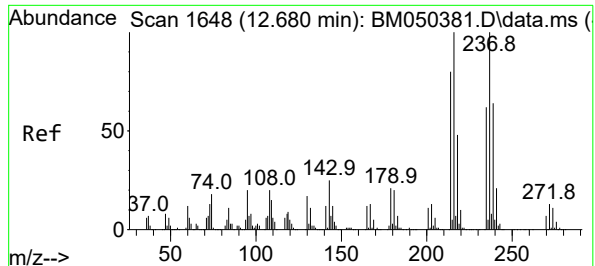
216 100

214 79.1 63.3 94.9

179 21.3 16.4 24.6

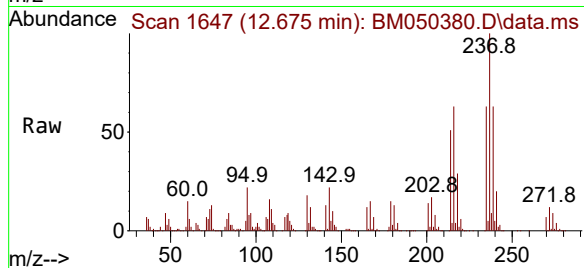
108 18.4 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 17.766 ng
RT: 12.675 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

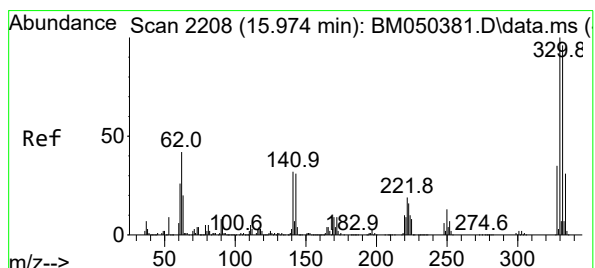
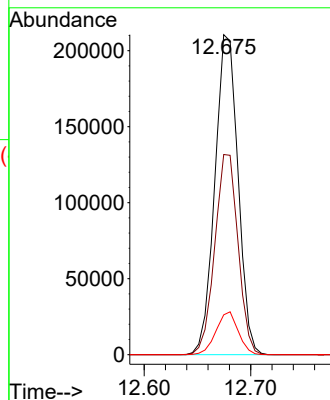
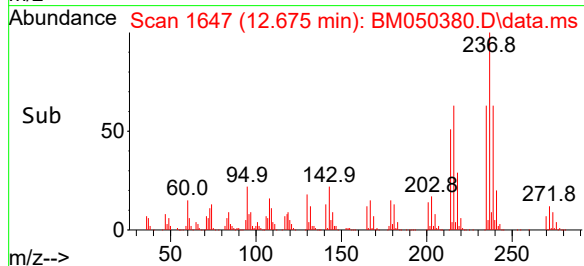
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



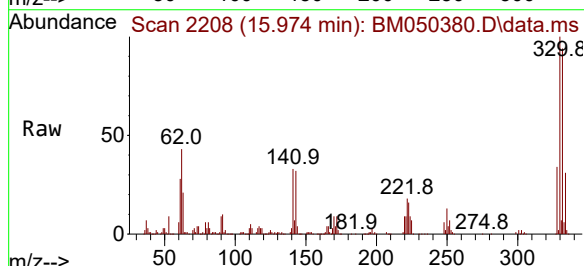
Tgt Ion:237 Resp: 317500
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 12.5 0.0 33.0

Manual Integrations
APPROVED

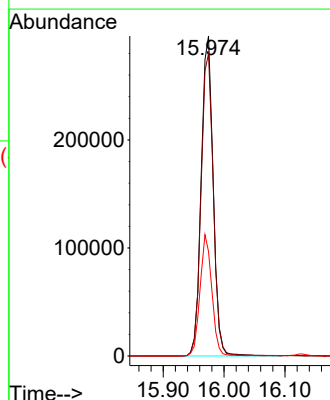
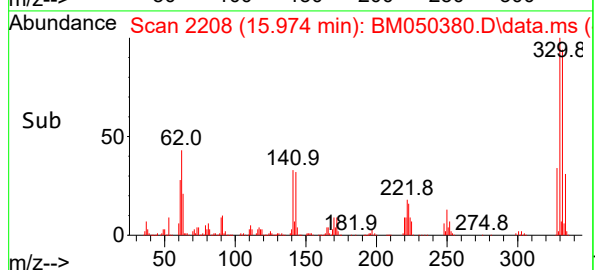
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

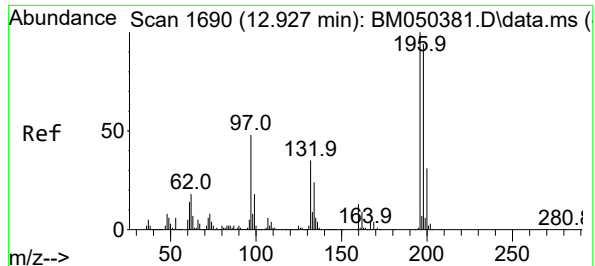


#42
2,4,6-Tribromophenol
Concen: 37.846 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



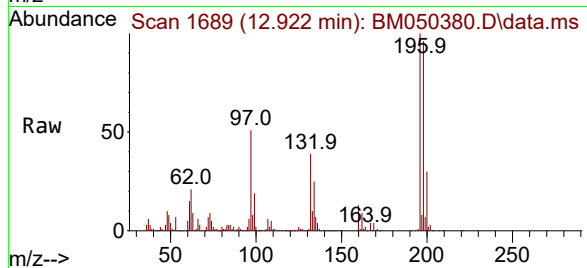
Tgt Ion:330 Resp: 404270
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 37.3 27.4 41.0





#43
2,4,6-Trichlorophenol
Concen: 19.263 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

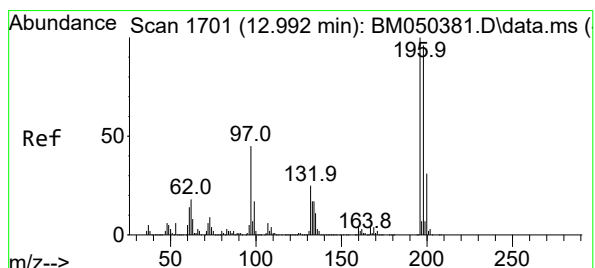
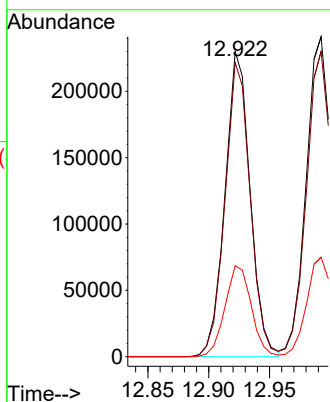
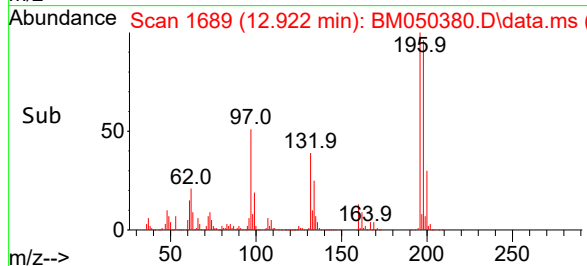
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 331504
Ion Ratio Lower Upper
196 100
198 96.4 75.1 112.7
200 29.8 24.6 37.0

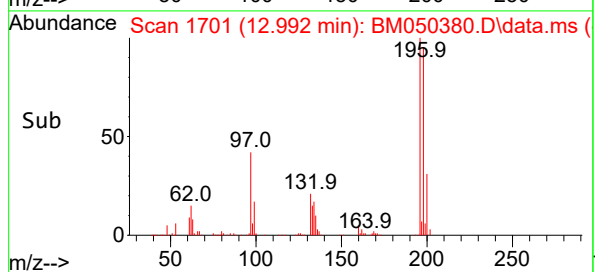
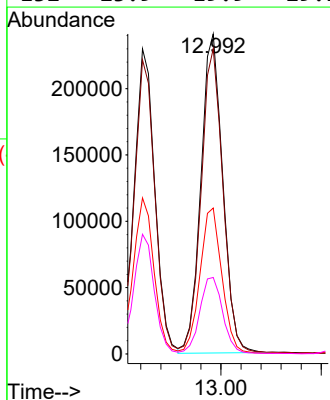
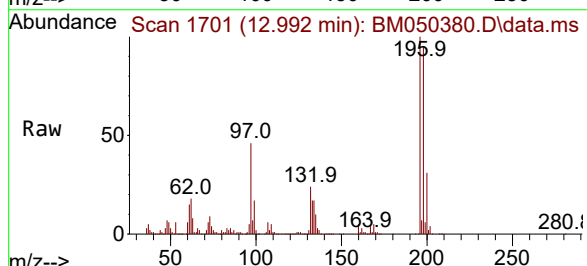
Manual Integrations
APPROVED

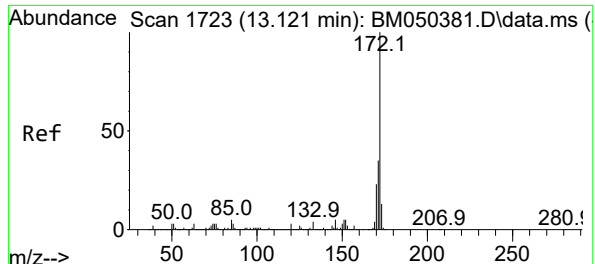
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#44
2,4,5-Trichlorophenol
Concen: 19.408 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

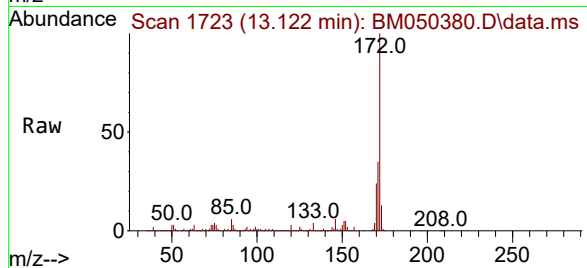
Tgt Ion:196 Resp: 364770
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 45.6 36.2 54.4
132 23.9 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 39.780 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

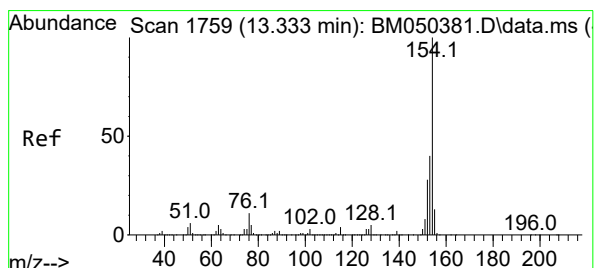
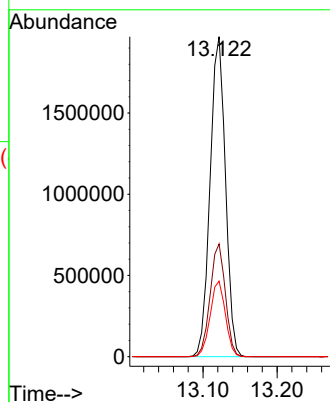
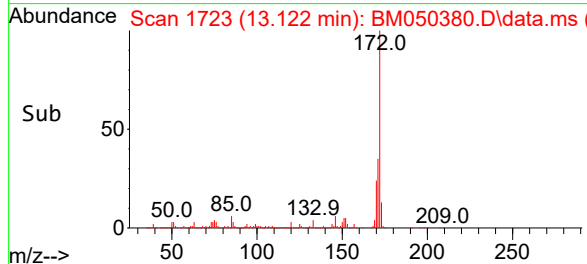
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



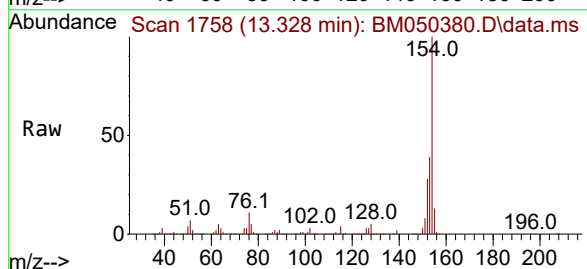
Tgt Ion:172 Resp: 283199
Ion Ratio Lower Upper
172 100
171 35.2 27.7 41.5
170 23.6 18.8 28.2

Manual Integrations
APPROVED

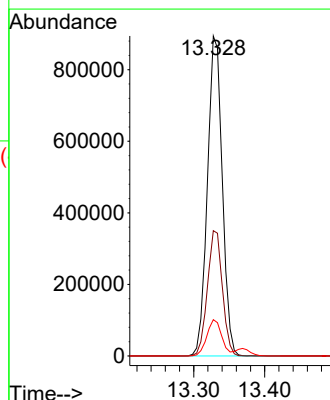
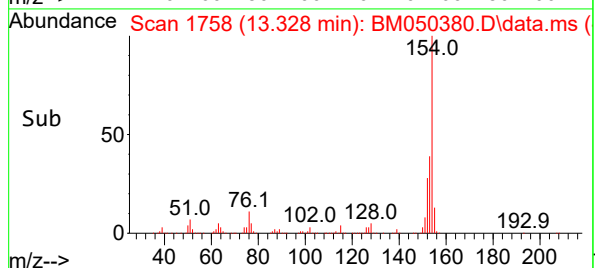
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

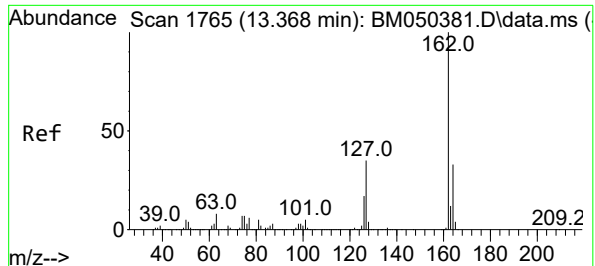


#46
1,1'-Biphenyl
Concen: 19.936 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



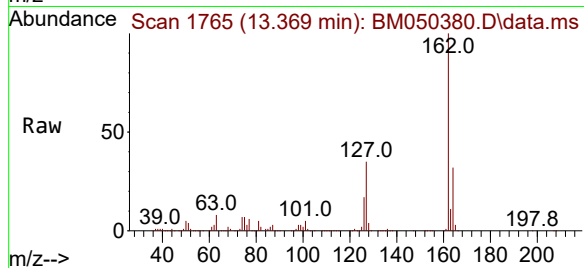
Tgt Ion:154 Resp: 1300397
Ion Ratio Lower Upper
154 100
153 39.2 19.7 59.7
76 11.4 0.0 30.9





#47
2-Chloronaphthalene
Concen: 20.066 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

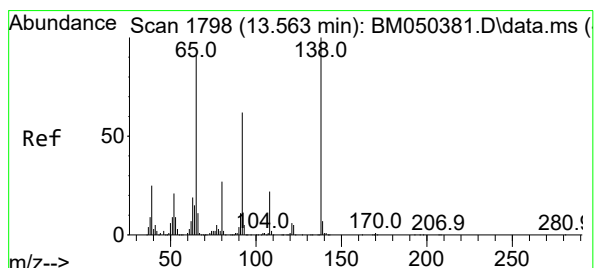
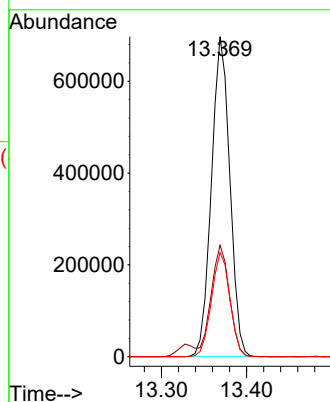
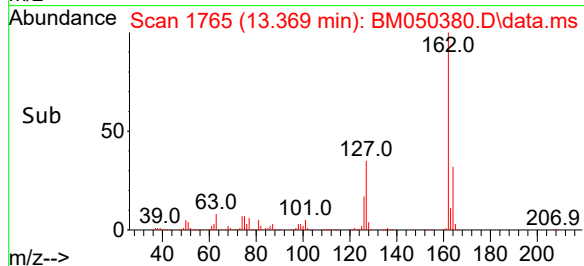
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 104359
Ion Ratio Lower Upper
162 100
127 34.8 28.3 42.5
164 32.5 26.6 40.0

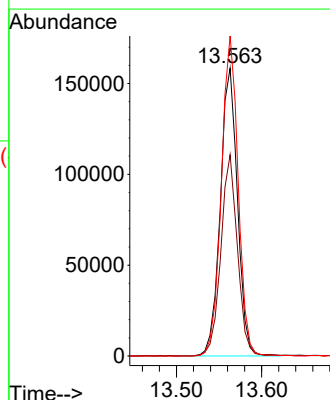
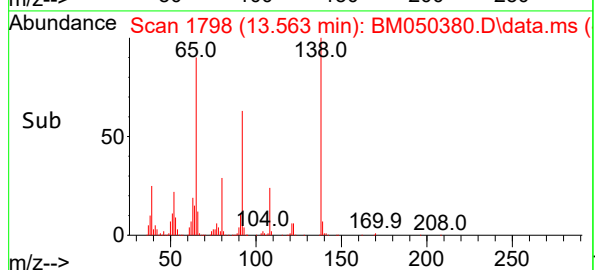
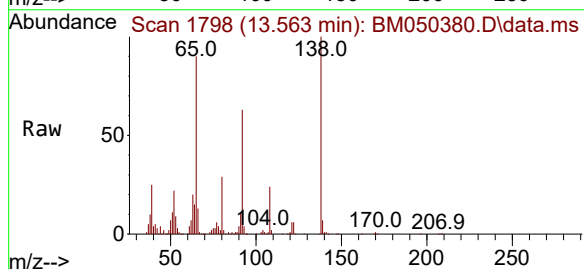
Manual Integrations
APPROVED

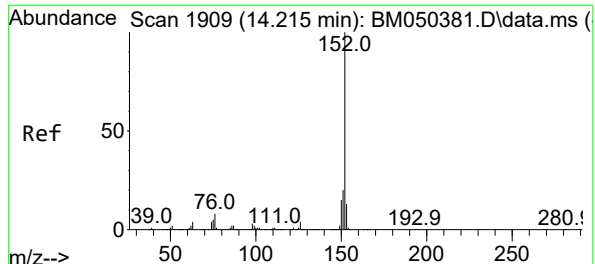
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#48
2-Nitroaniline
Concen: 19.132 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

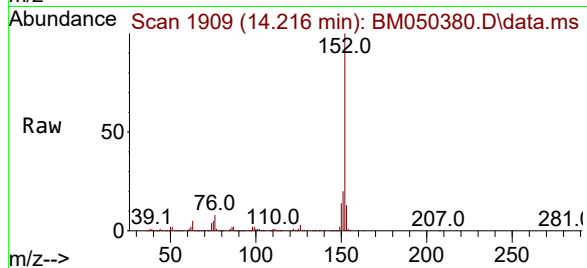
Tgt Ion: 65 Resp: 222094
Ion Ratio Lower Upper
65 100
92 69.9 54.3 81.5
138 111.1 87.8 131.6





#49
Acenaphthylene
Concen: 20.078 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

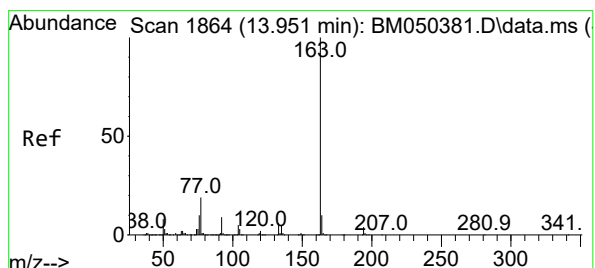
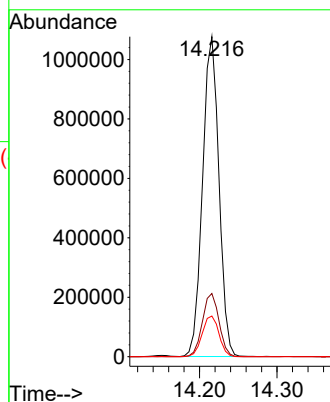
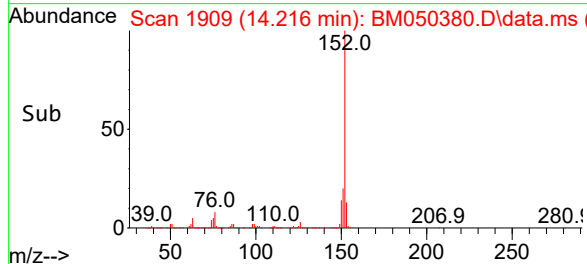
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 157805
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 12.7 10.6 15.8

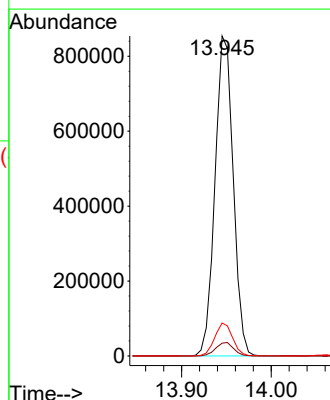
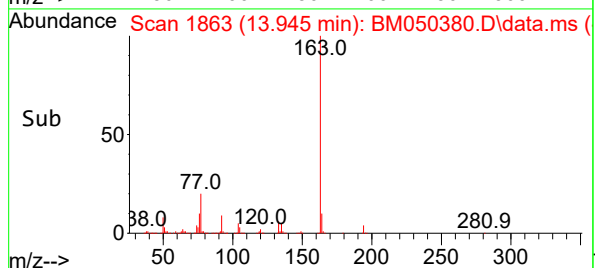
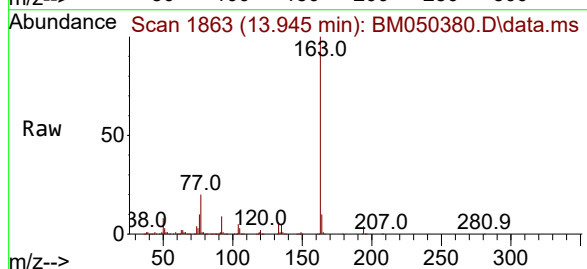
Manual Integrations
APPROVED

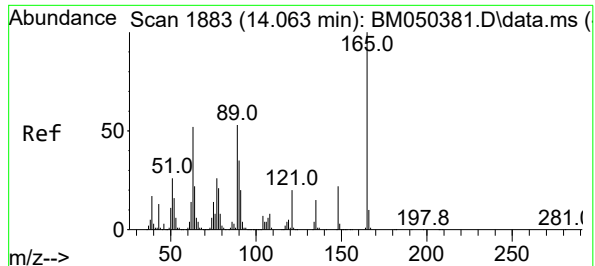
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#50
Dimethylphthalate
Concen: 19.873 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

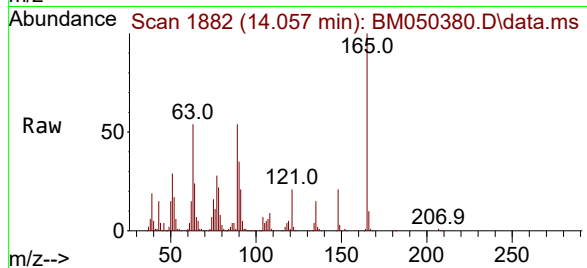
Tgt Ion:163 Resp: 1202901
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.889 ng
RT: 14.057 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

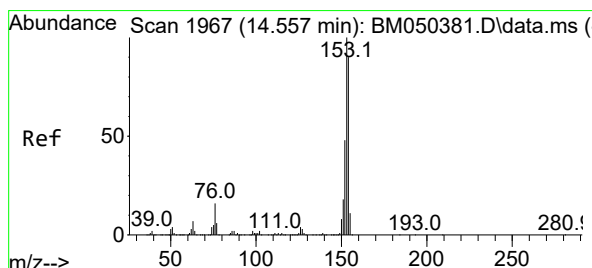
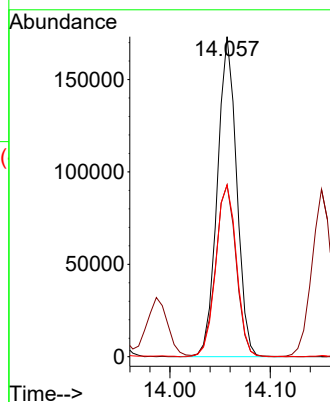
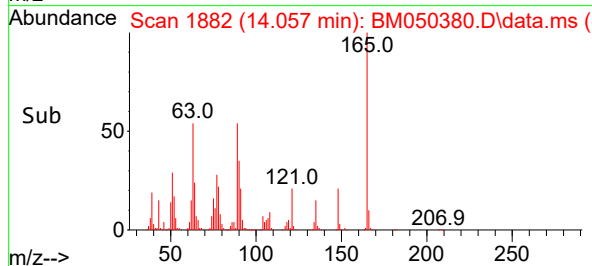
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 231144
Ion Ratio Lower Upper
165 100
63 53.6 42.4 63.6
89 53.7 42.2 63.2

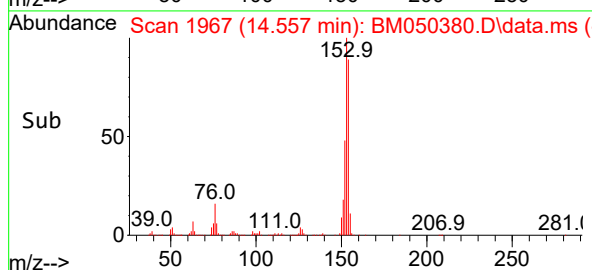
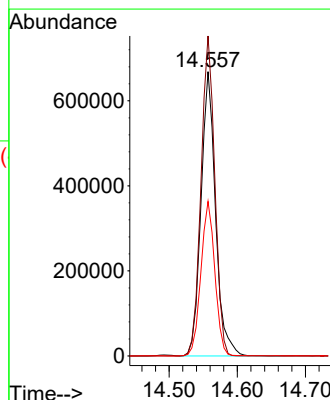
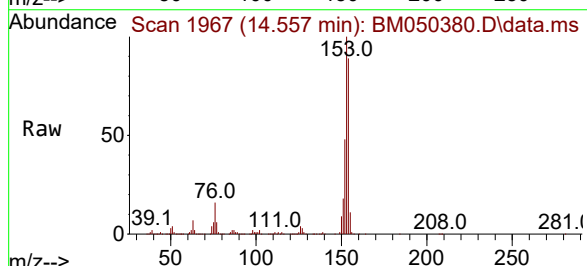
Manual Integrations
APPROVED

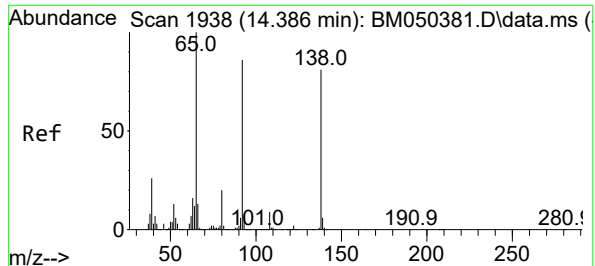
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#52
Acenaphthene
Concen: 19.816 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

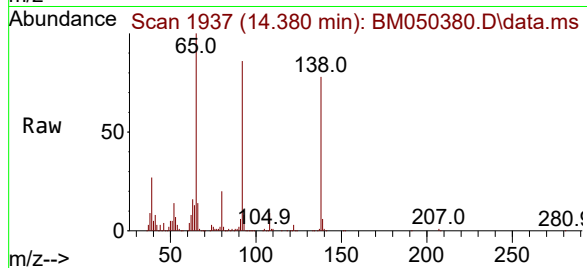
Tgt Ion:154 Resp: 990178
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 54.3 42.6 64.0





#53
3-Nitroaniline
Concen: 19.779 ng
RT: 14.380 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

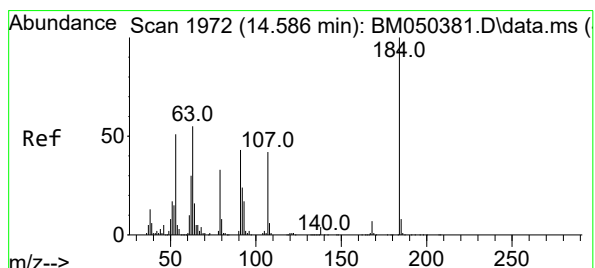
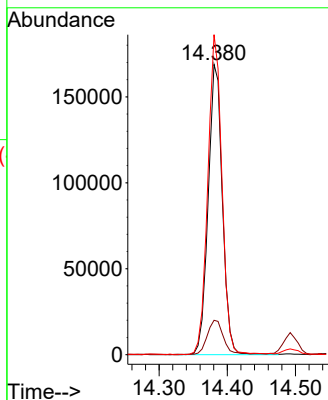
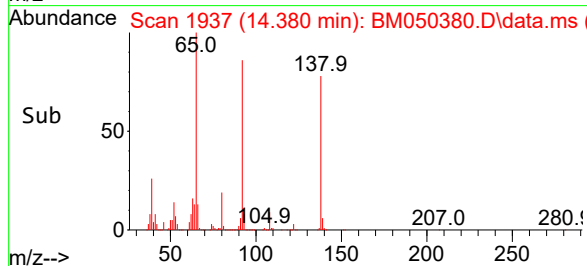
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 244460
Ion Ratio Lower Upper
138 100
108 11.8 8.8 13.2
92 110.3 85.0 127.6

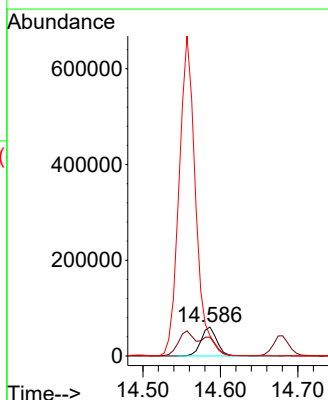
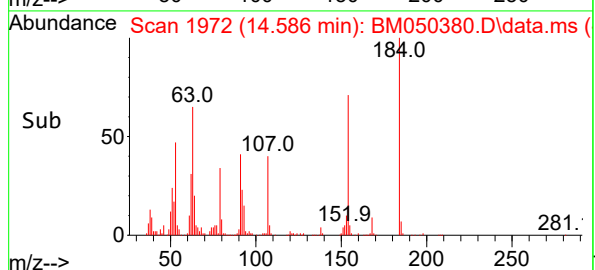
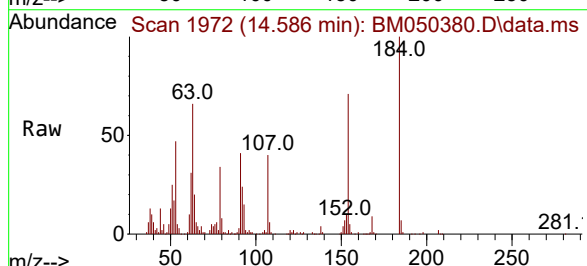
Manual Integrations
APPROVED

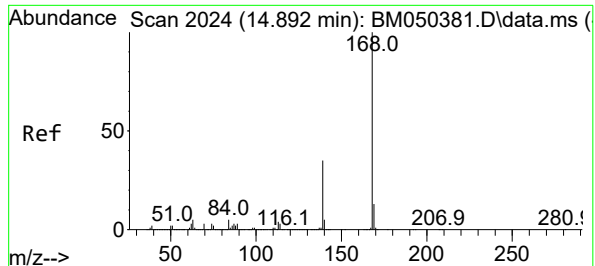
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

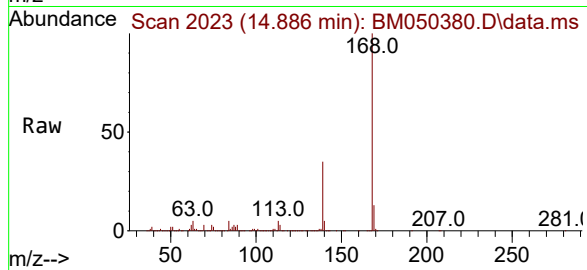
Tgt Ion:184 Resp: 85284
Ion Ratio Lower Upper
184 100
63 65.5 53.4 80.0
154 71.0 61.6 92.4





#55
Dibenzenofuran
Concen: 20.048 ng
RT: 14.886 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

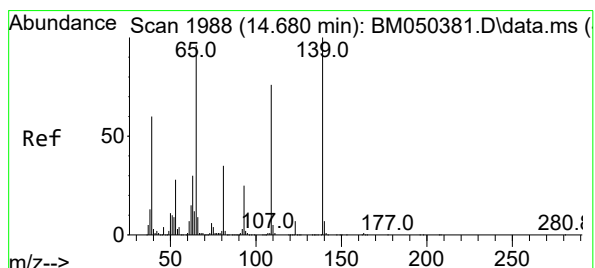
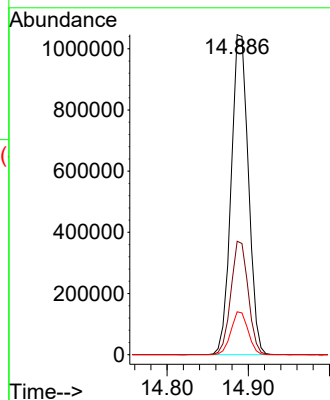
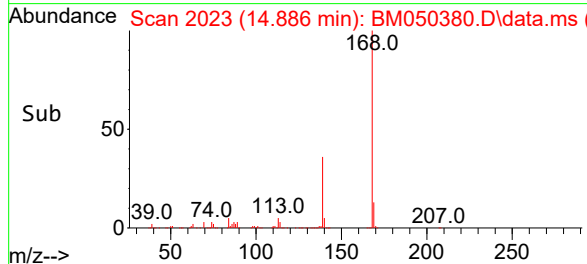
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 154354
Ion Ratio Lower Upper
168 100
139 35.5 27.7 41.5
169 13.4 10.7 16.1

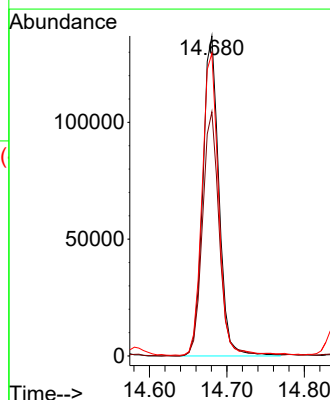
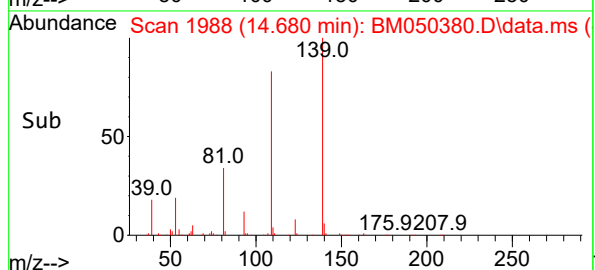
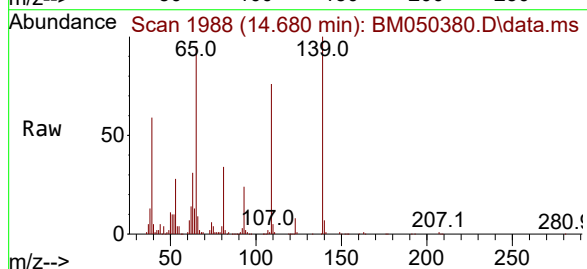
Manual Integrations
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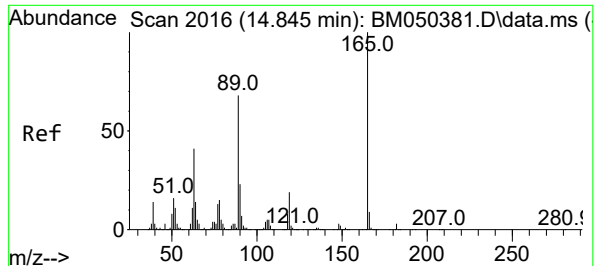
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#56
4-Nitrophenol
Concen: 18.644 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

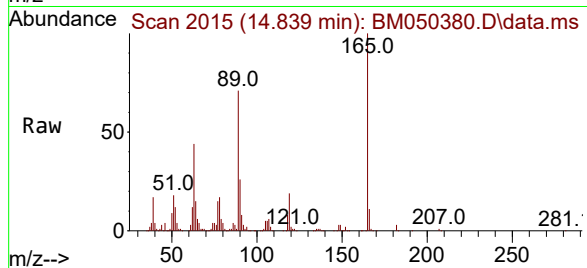
Tgt Ion:139 Resp: 198160
Ion Ratio Lower Upper
139 100
109 76.3 56.5 96.5
65 94.6 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 18.935 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

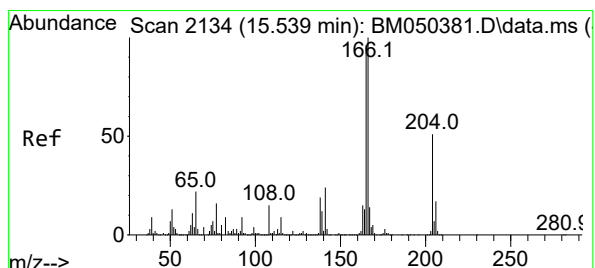
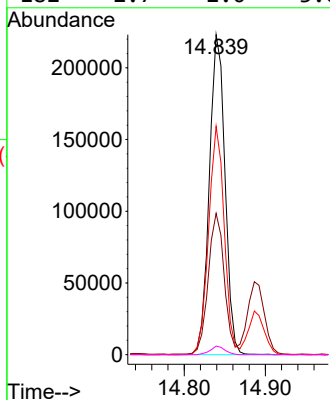
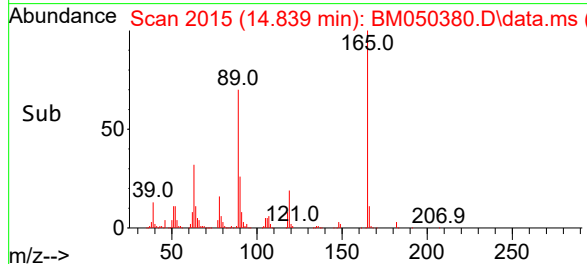
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 299004
Ion Ratio Lower Upper
165 100
63 44.1 32.5 48.7
89 71.4 54.0 81.0
182 2.7 2.0 3.0

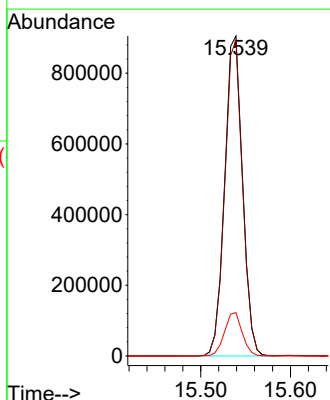
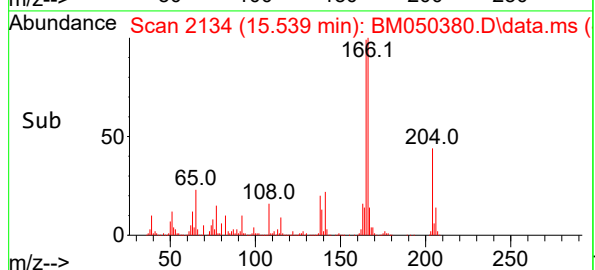
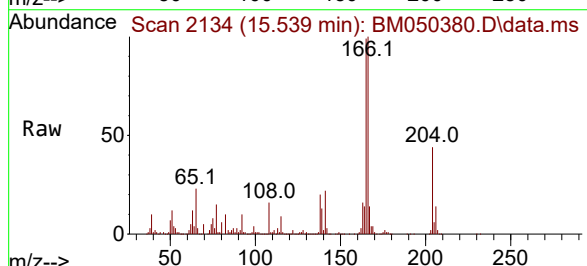
Manual Integrations
APPROVED

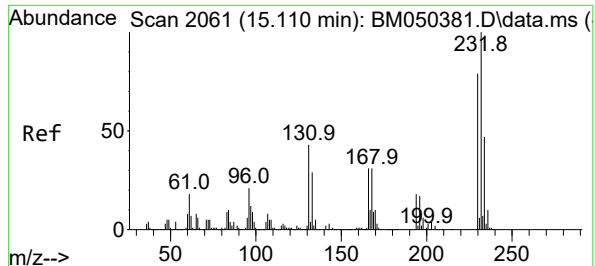
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#58
Fluorene
Concen: 19.803 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

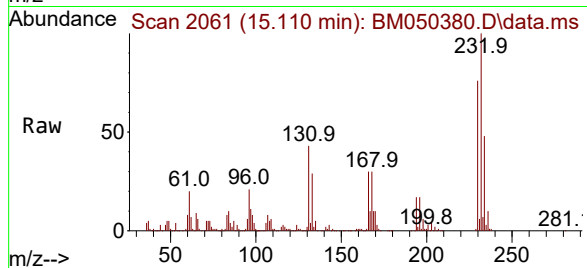
Tgt Ion:166 Resp: 1255879
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.733 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

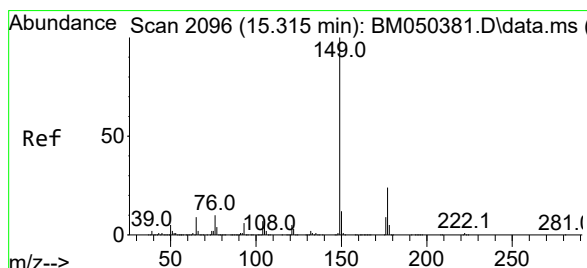
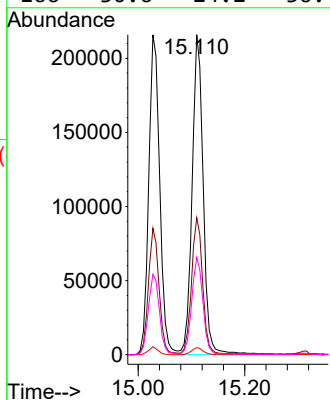
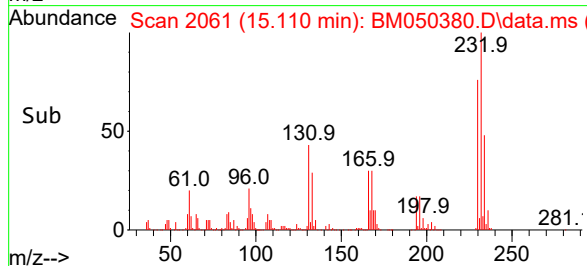
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



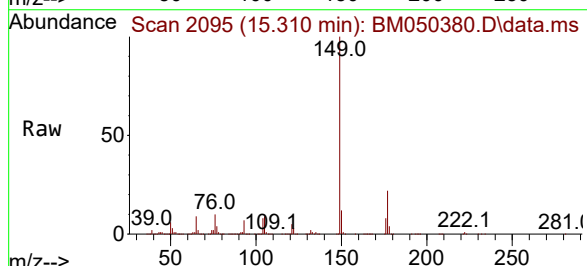
Tgt Ion:232 Resp: 31220
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.3 1.8 2.6
166 30.6 24.2 36.4

Manual Integrations
APPROVED

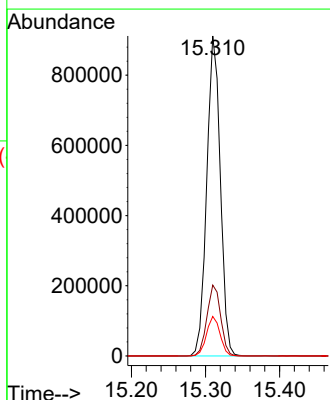
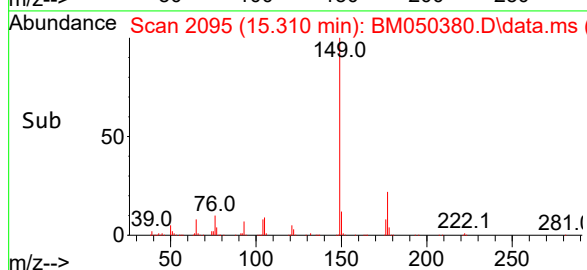
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

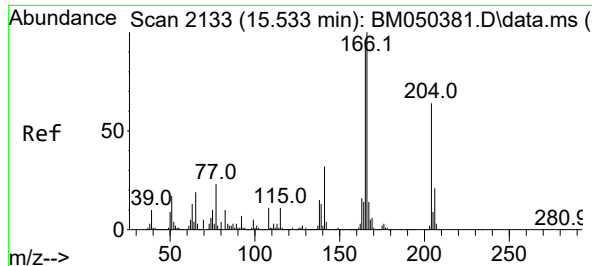


#60
Diethylphthalate
Concen: 20.055 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



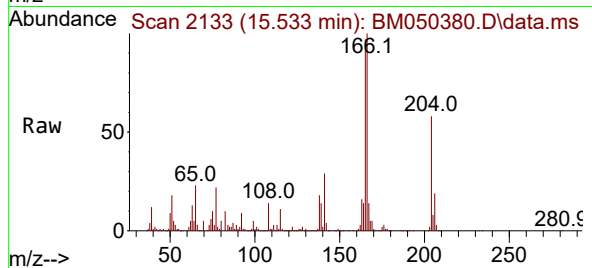
Tgt Ion:149 Resp: 1159537
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 19.428 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

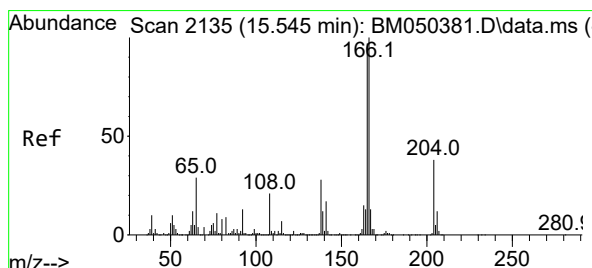
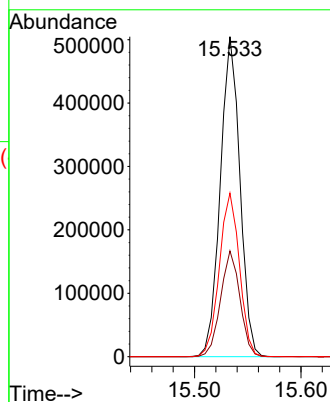
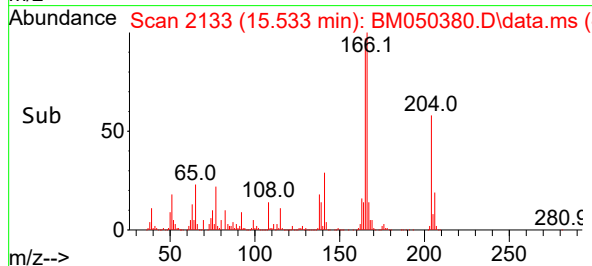
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



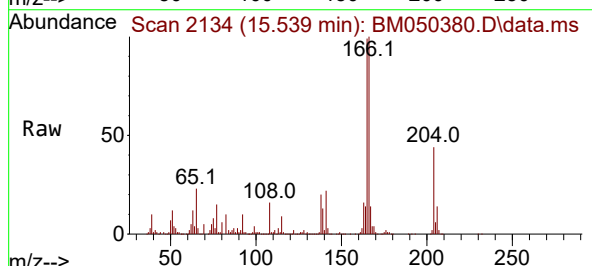
Tgt Ion:204 Resp: 644238
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 51.1 39.9 59.9

Manual Integrations
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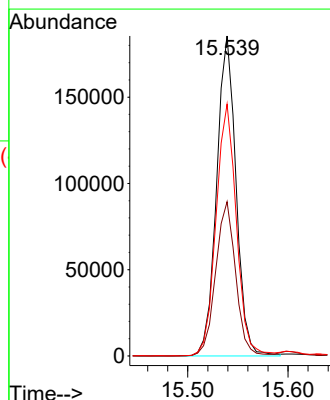
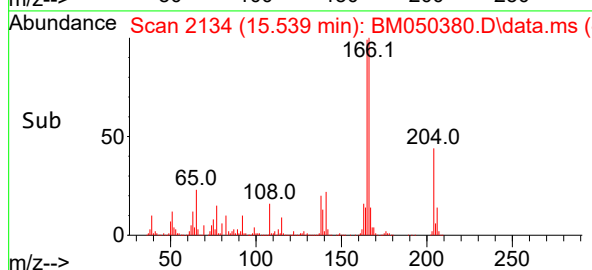
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

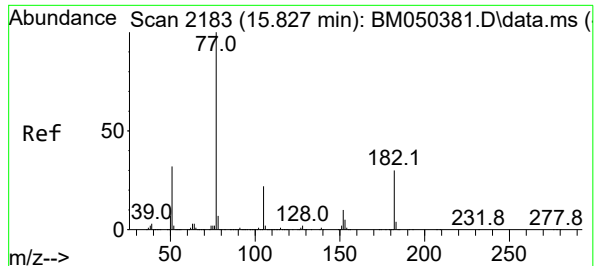


#62
4-Nitroaniline
Concen: 19.209 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



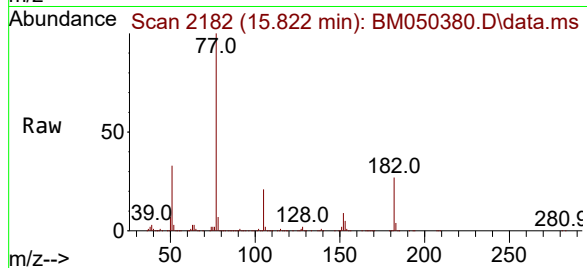
Tgt Ion:138 Resp: 249635
Ion Ratio Lower Upper
138 100
92 48.2 24.5 64.5
108 78.7 52.5 92.5





#63
Azobenzene
Concen: 20.436 ng
RT: 15.822 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

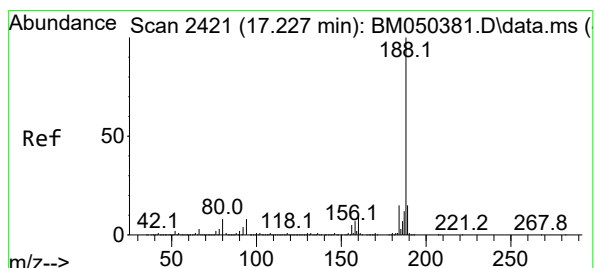
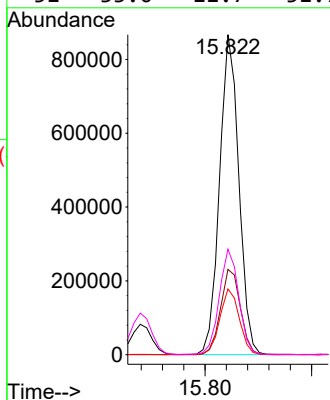
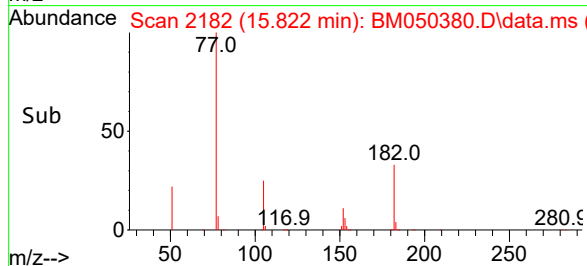
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 108500
Ion Ratio Lower Upper
77 100
182 26.7 10.0 50.0
105 20.6 2.0 42.0
51 33.0 11.7 51.7

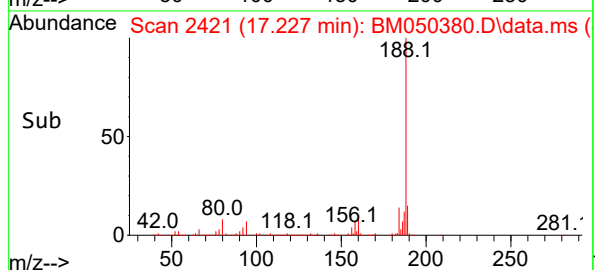
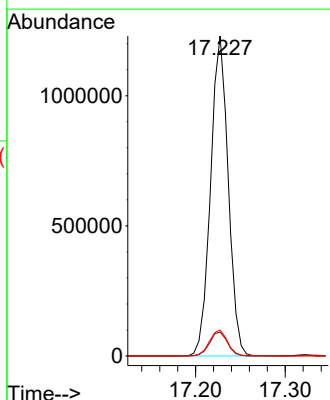
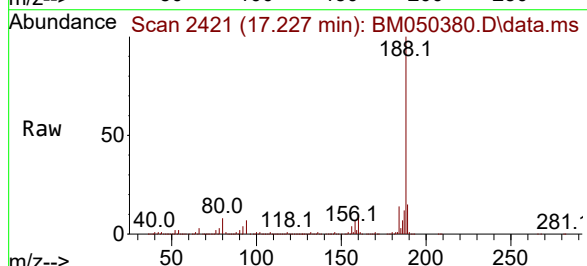
Manual Integrations
APPROVED

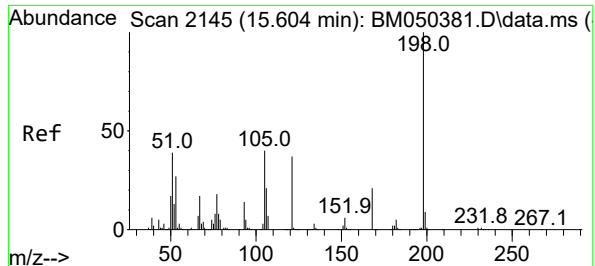
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

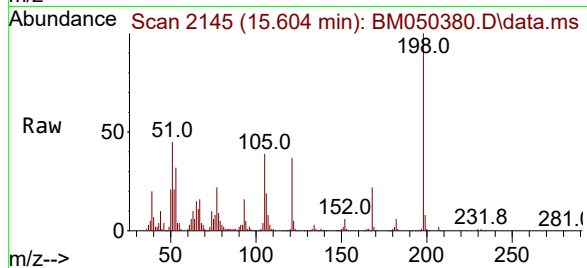
Tgt Ion:188 Resp: 1676151
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.1 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 18.758 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

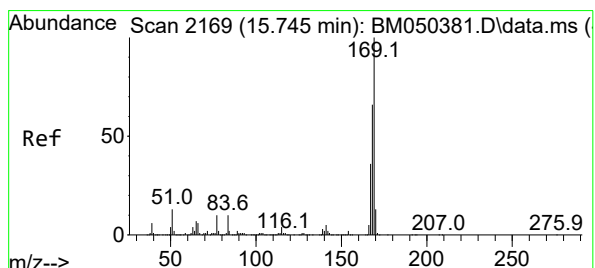
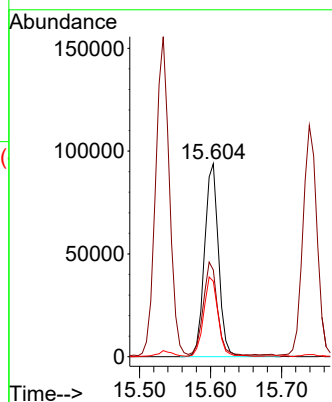
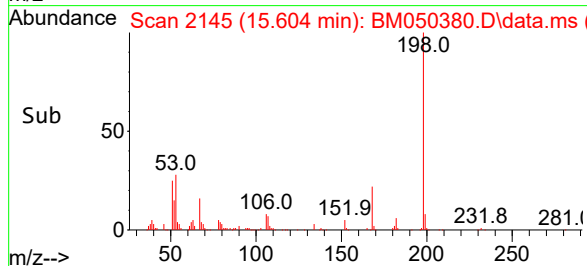
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



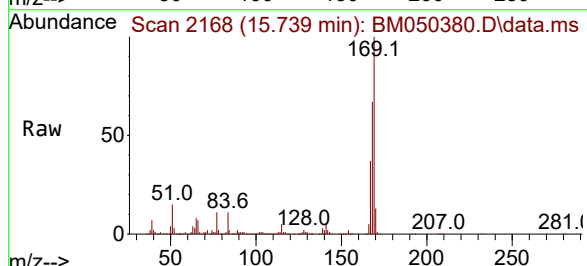
Tgt Ion:198 Resp: 129223
Ion Ratio Lower Upper
198 100
51 44.9 26.6 66.6
105 39.1 20.9 60.9

Manual Integrations
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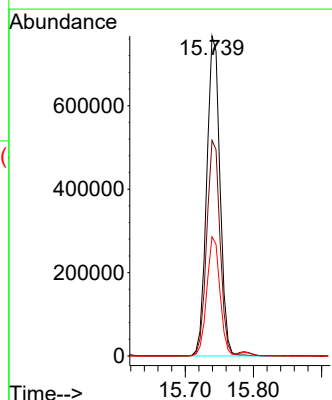
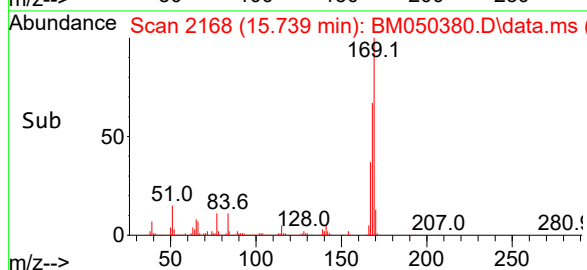
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

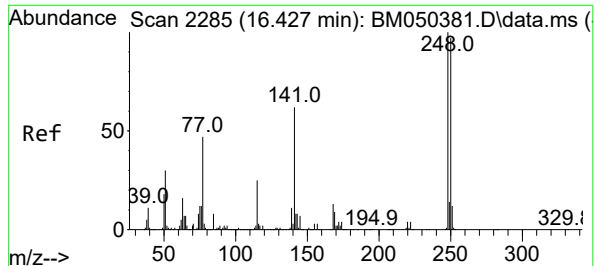


#66
n-Nitrosodiphenylamine
Concen: 19.819 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



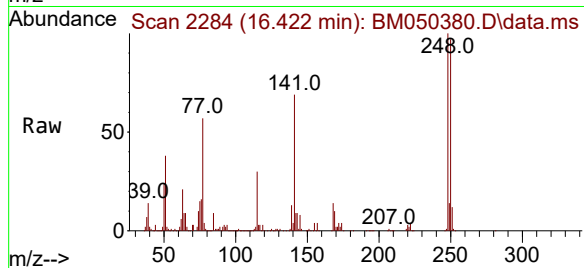
Tgt Ion:169 Resp: 1039509
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 37.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 19.130 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

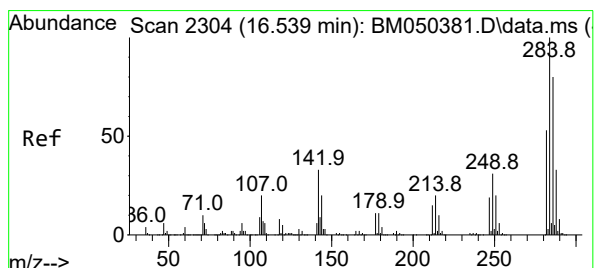
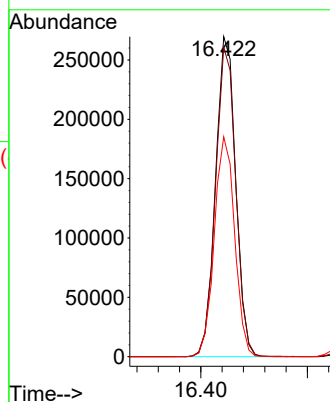
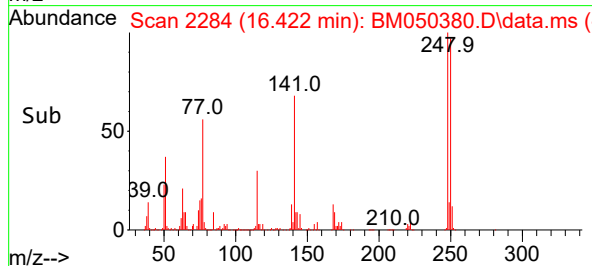
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



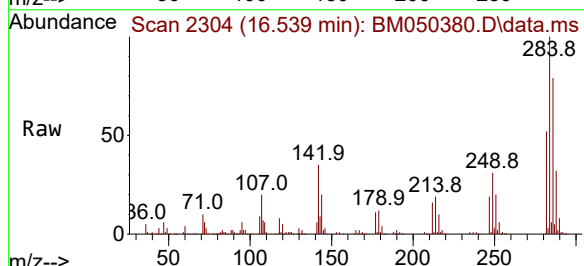
Tgt Ion:248 Resp: 35327
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 68.7 49.7 74.5

Manual Integrations
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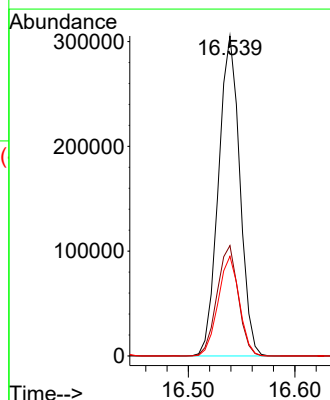
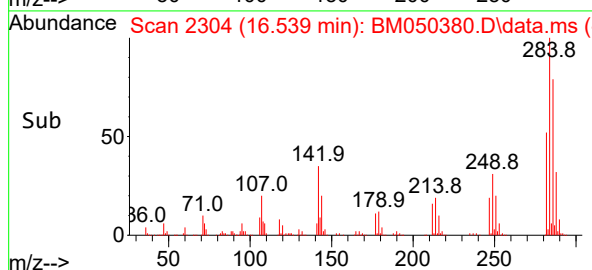
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

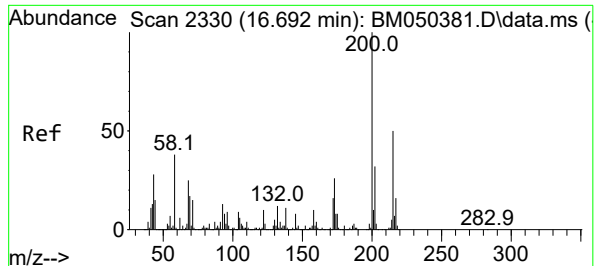


#68
Hexachlorobenzene
Concen: 19.444 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



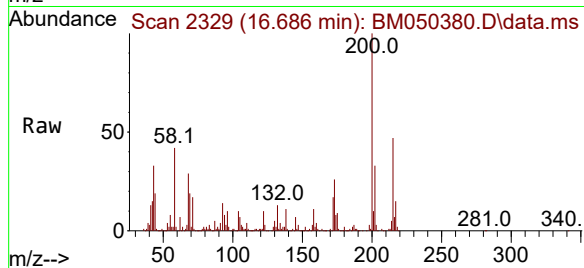
Tgt Ion:284 Resp: 424108
Ion Ratio Lower Upper
284 100
142 34.5 26.8 40.2
249 31.2 24.5 36.7





#69
Atrazine
Concen: 19.373 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

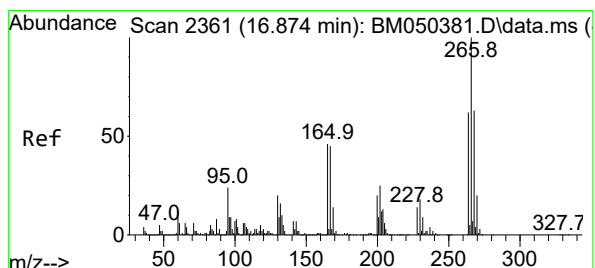
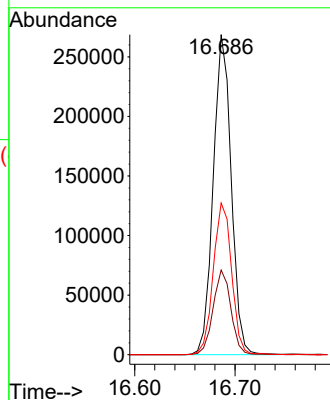
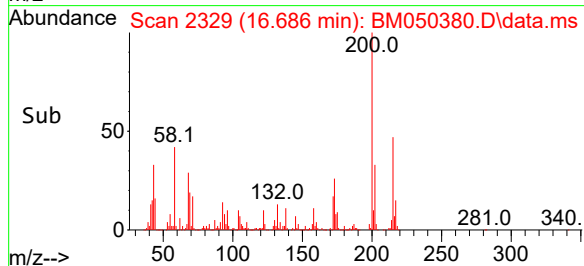
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 33365
Ion Ratio Lower Upper
200 100
173 26.4 5.6 45.6
215 47.4 29.6 69.6

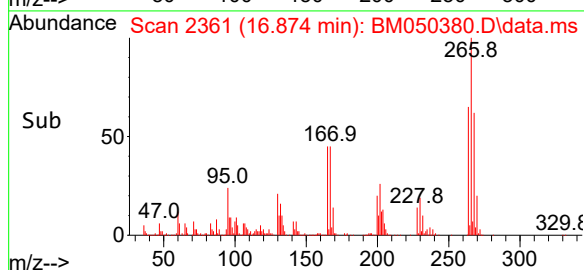
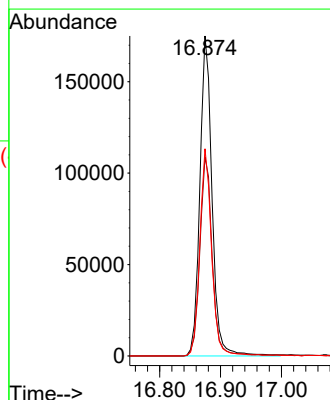
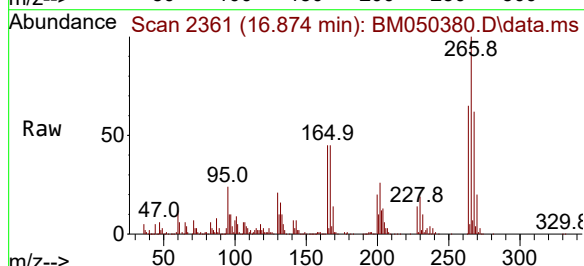
Manual Integrations
APPROVED

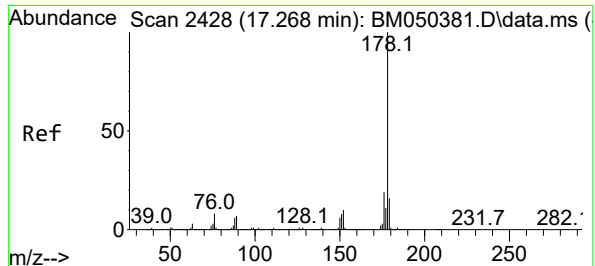
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#70
Pentachlorophenol
Concen: 17.920 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:266 Resp: 243316
Ion Ratio Lower Upper
266 100
268 62.1 50.5 75.7
264 64.8 49.9 74.9





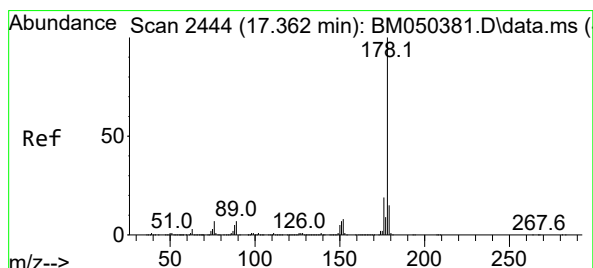
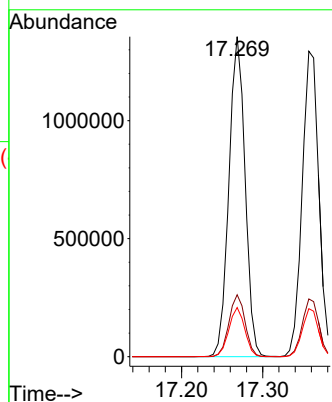
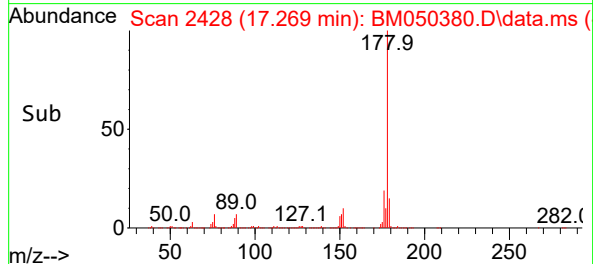
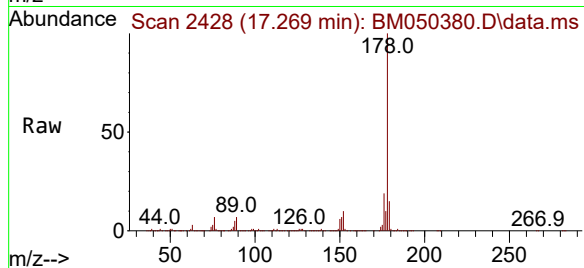
#71
Phenanthrene
Concen: 19.784 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1876408
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.5 18.7

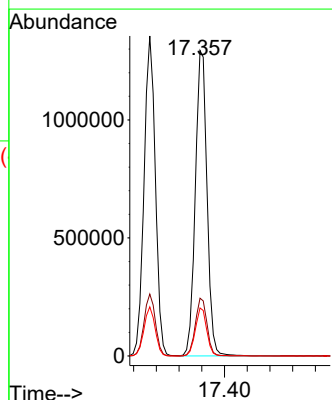
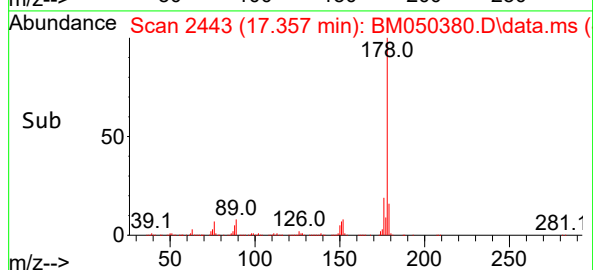
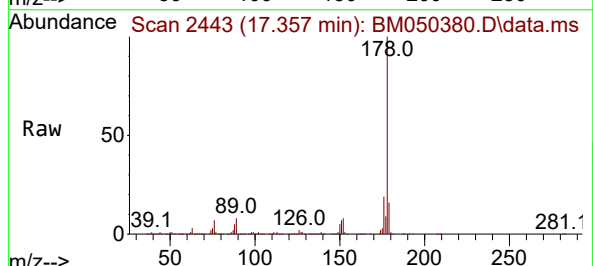
Manual Integrations
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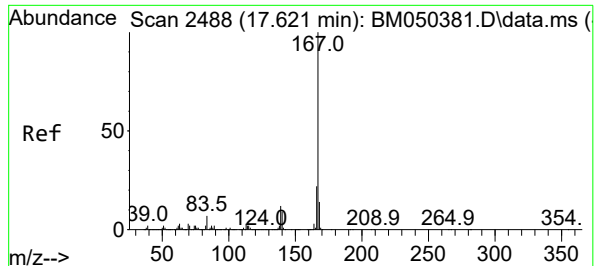
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#72
Anthracene
Concen: 19.694 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

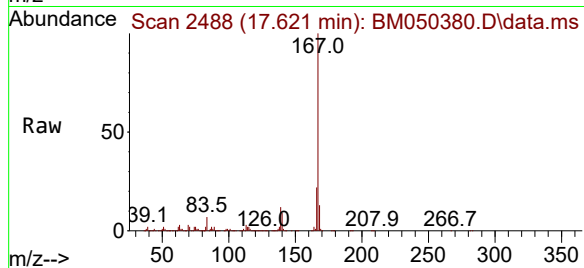
Tgt Ion:178 Resp: 1859273
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.7 12.2 18.4





#73
Carbazole
Concen: 19.801 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

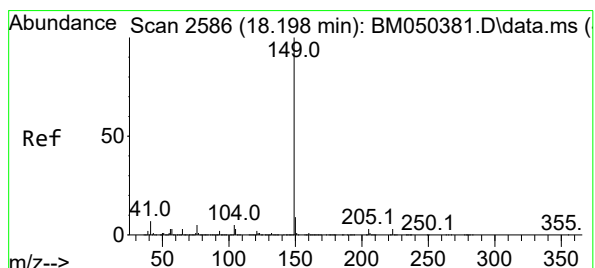
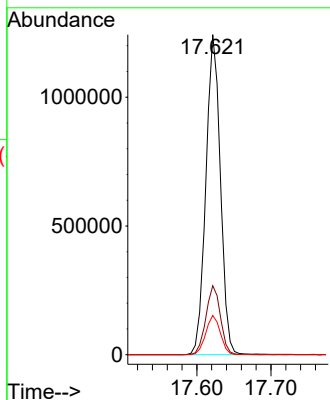
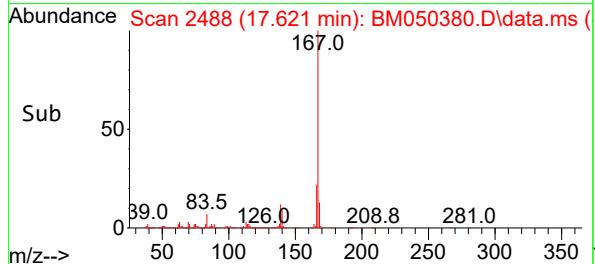
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 169152
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.2 9.9 14.9

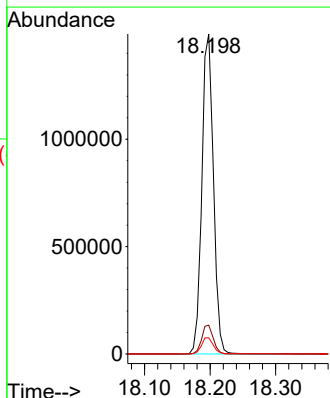
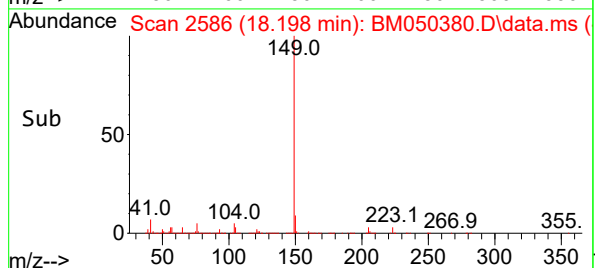
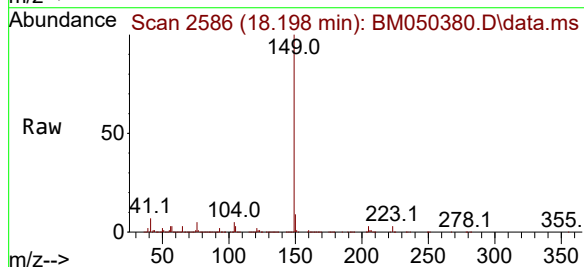
Manual Integrations
APPROVED

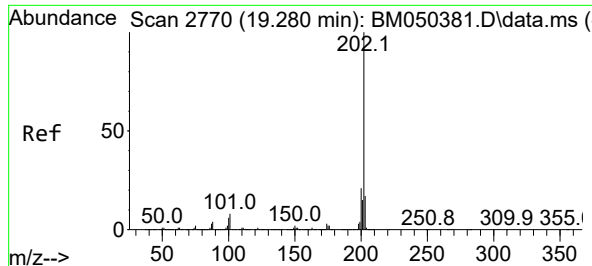
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#74
Di-n-butylphthalate
Concen: 19.566 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

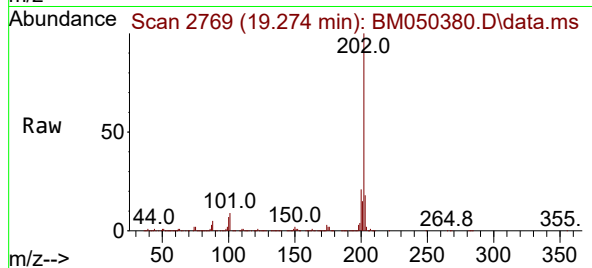
Tgt Ion:149 Resp: 1829412
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 19.212 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

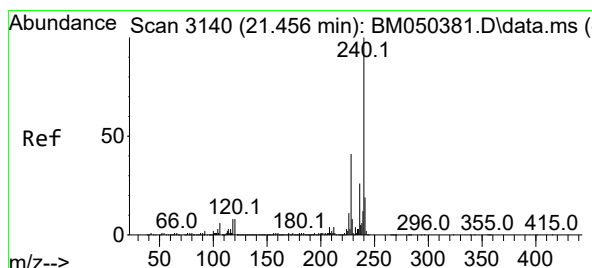
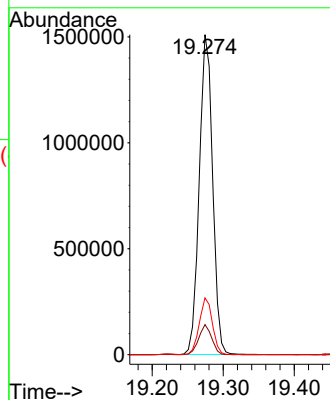
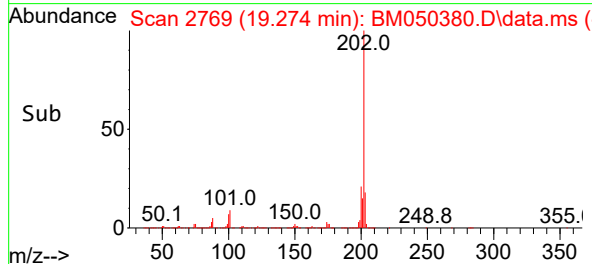
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 198088
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.3
203 17.8 0.0 37.2

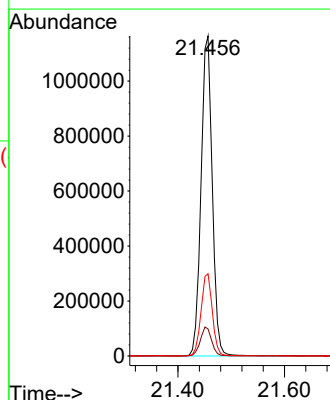
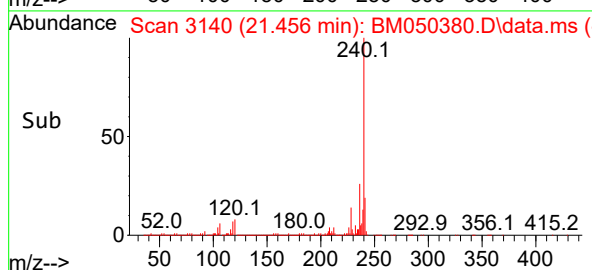
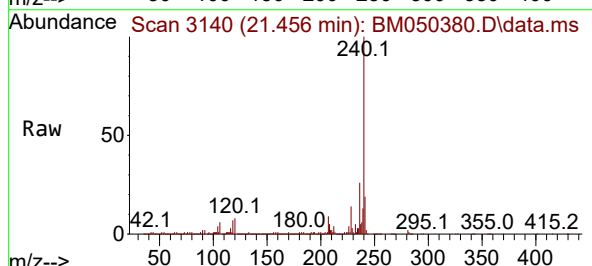
Manual Integrations
APPROVED

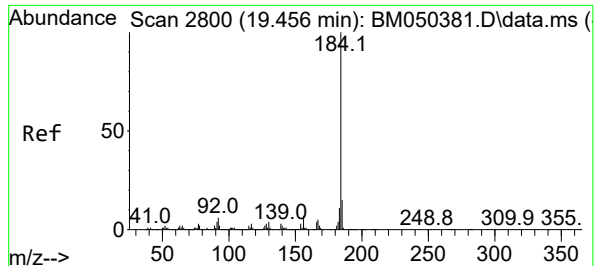
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:240 Resp: 1698030
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 25.7 20.7 31.1





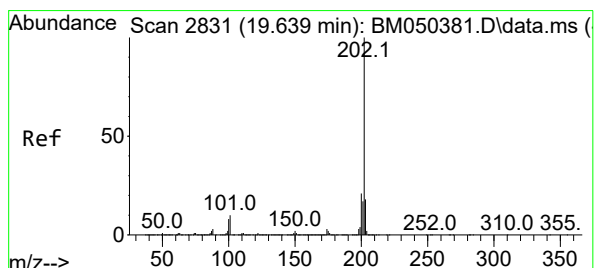
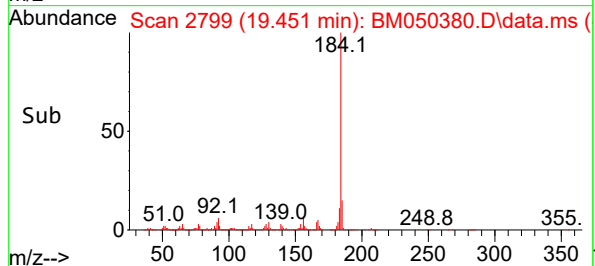
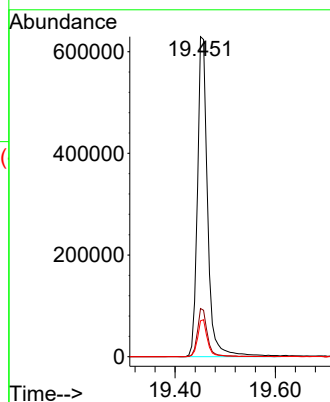
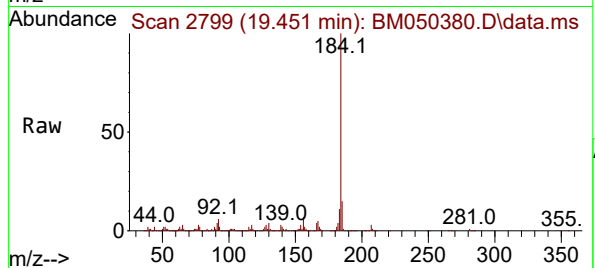
#77
Benzidine
Concen: 20.422 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 88447
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.2 9.0 13.6

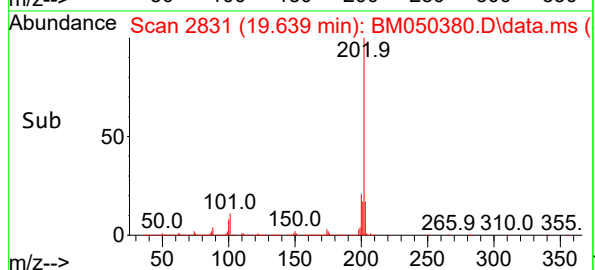
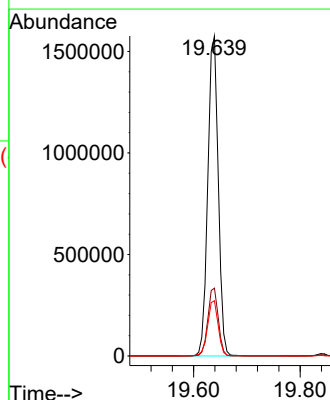
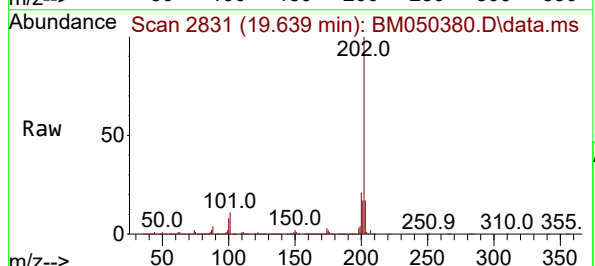
Manual Integrations
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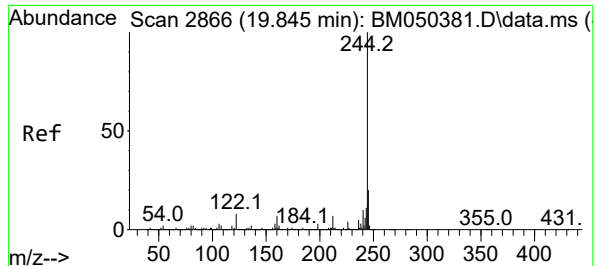
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#78
Pyrene
Concen: 19.679 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

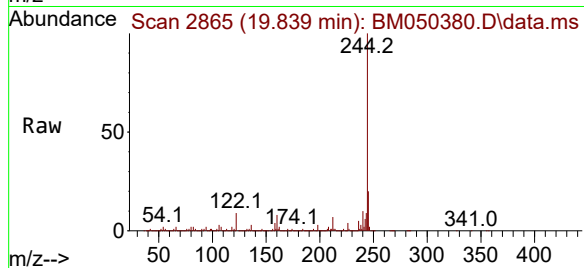
Tgt Ion:202 Resp: 2140070
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.2 14.1 21.1





#79
Terphenyl-d14
Concen: 43.104 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

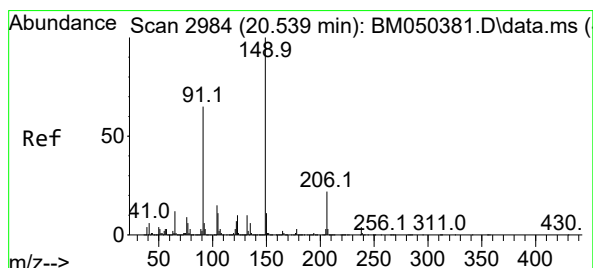
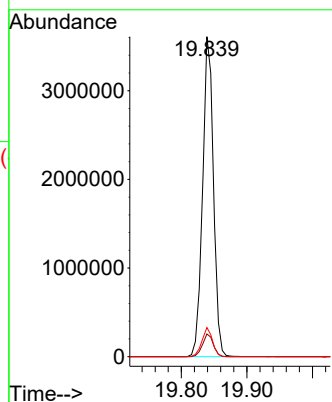
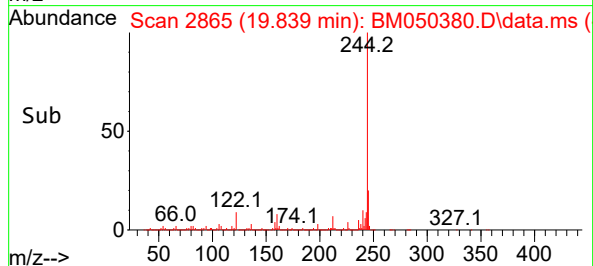
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 415987
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.1 6.2 9.2

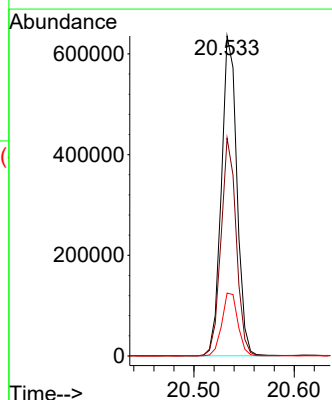
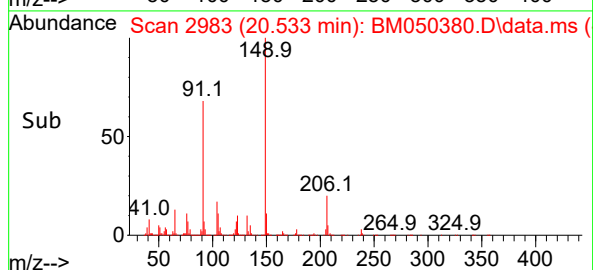
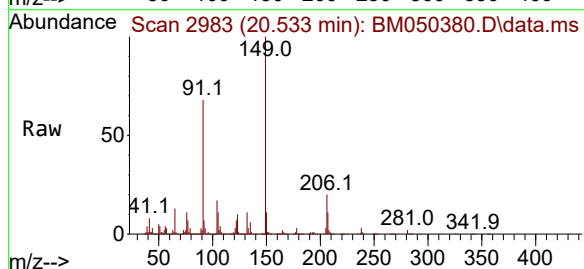
Manual Integrations
APPROVED

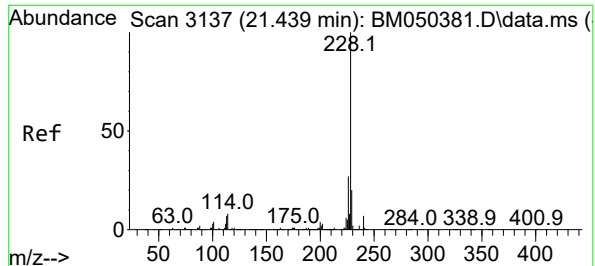
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#80
Butylbenzylphthalate
Concen: 19.009 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

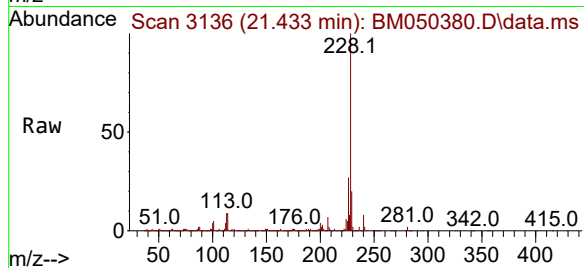
Tgt Ion:149 Resp: 681649
Ion Ratio Lower Upper
149 100
91 68.1 51.6 77.4
206 19.7 17.8 26.8





#81
Benzo(a)anthracene
Concen: 19.676 ng
RT: 21.433 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

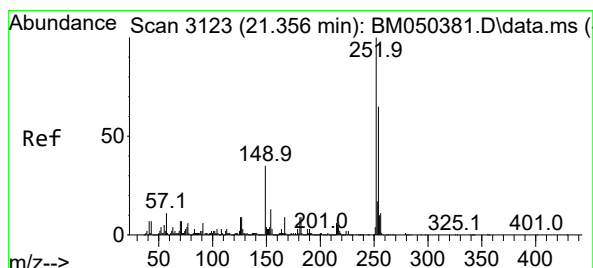
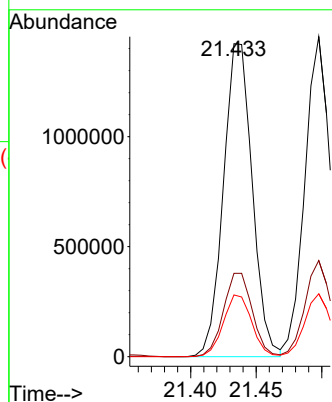
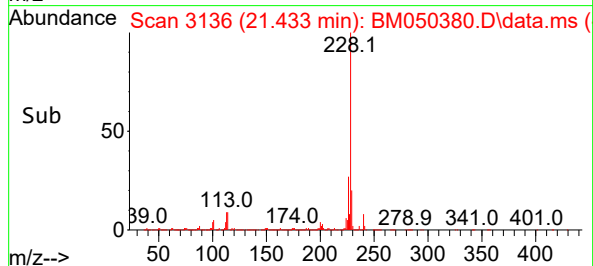
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 2176940
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 19.7 16.0 24.0

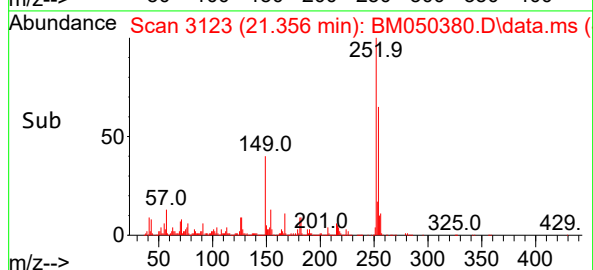
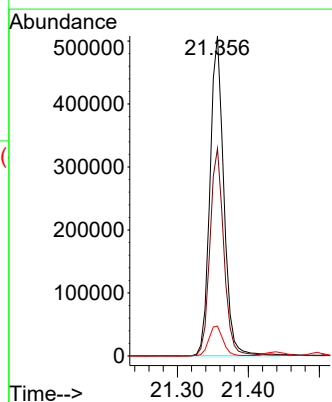
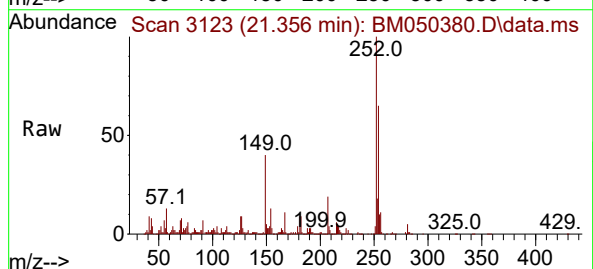
Manual Integrations
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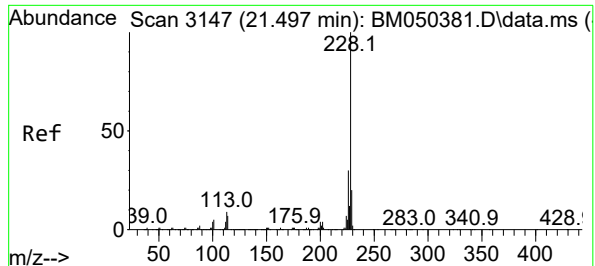
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 18.471 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

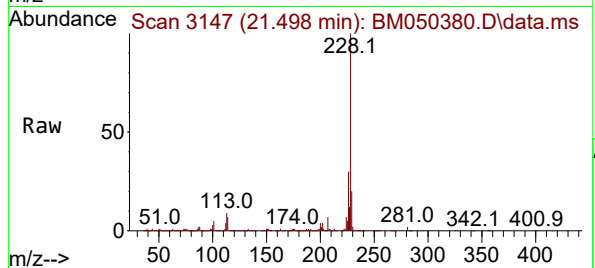
Tgt Ion:252 Resp: 689176
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.3 7.3 10.9





#83
Chrysene
Concen: 19.529 ng
RT: 21.498 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

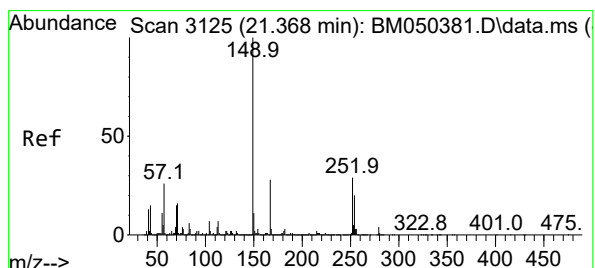
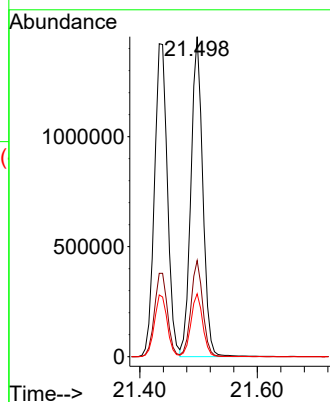
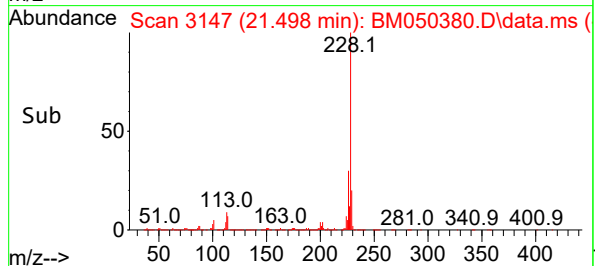
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 2037978
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.4
229 19.6 15.8 23.6

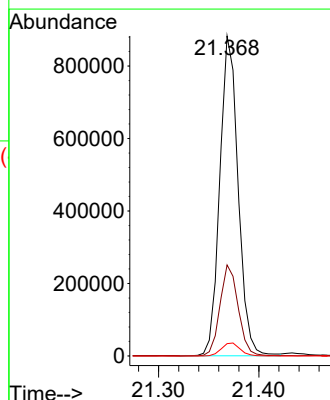
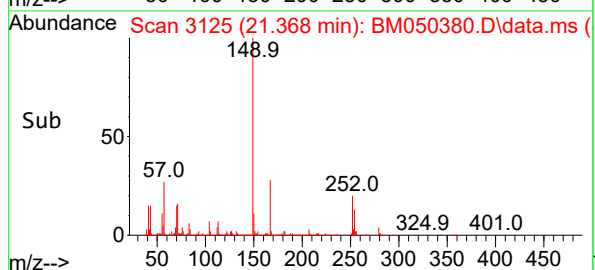
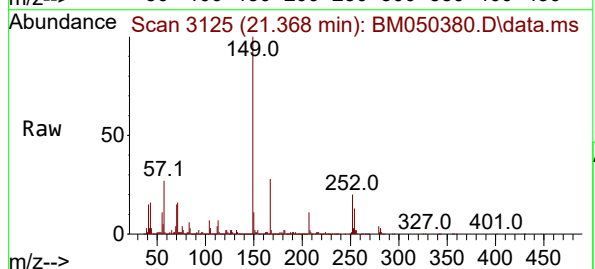
Manual Integrations
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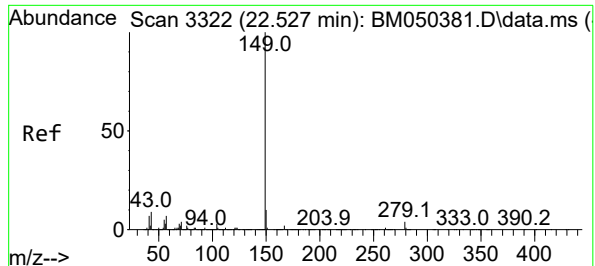
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.638 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

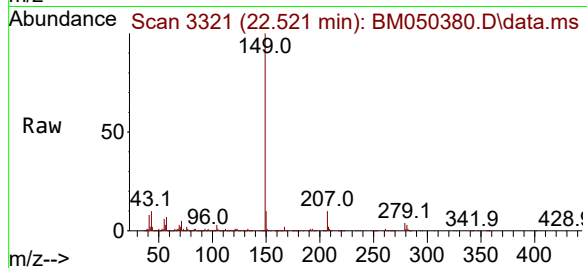
Tgt Ion:149 Resp: 1117874
Ion Ratio Lower Upper
149 100
167 28.5 22.7 34.1
279 3.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 17.729 ng
RT: 22.521 min Scan# 3322
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

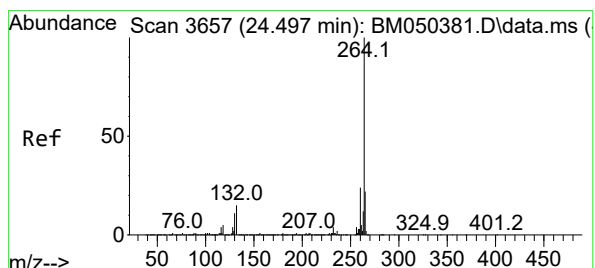
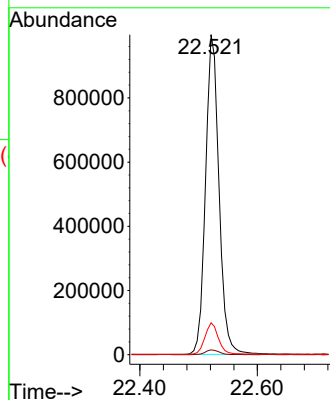
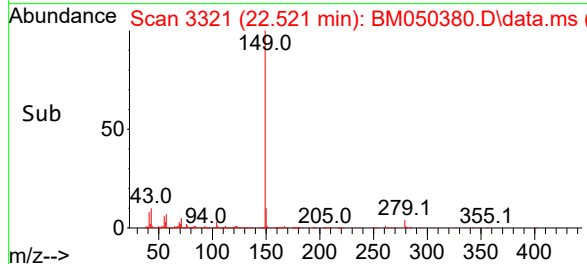
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



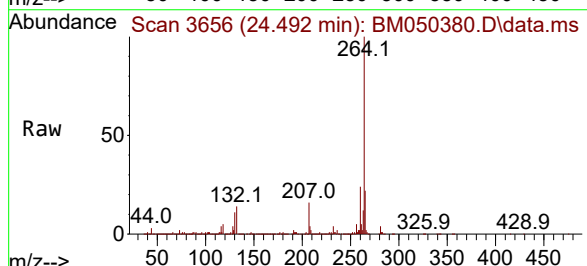
Tgt Ion:149 Resp: 1580618
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 7.7 11.5

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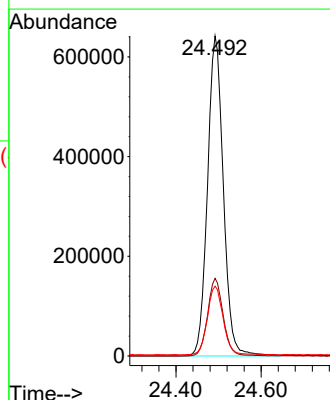
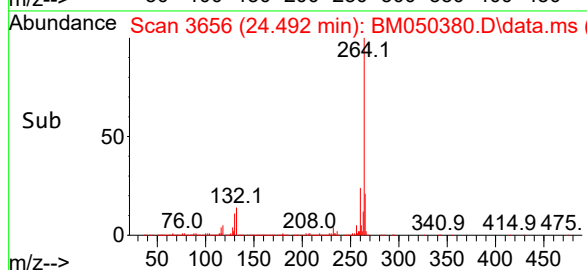
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

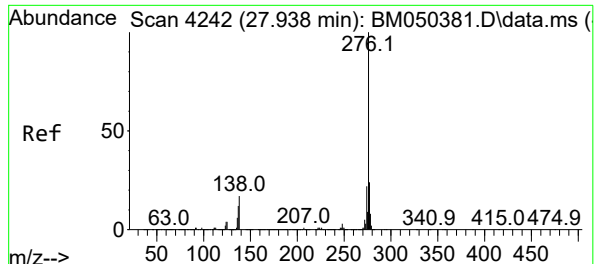


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.492 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40



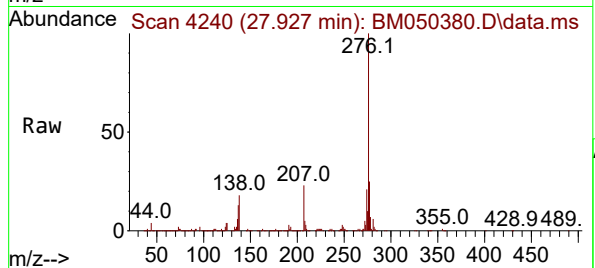
Tgt Ion:264 Resp: 1655344
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 19.328 ng
RT: 27.927 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

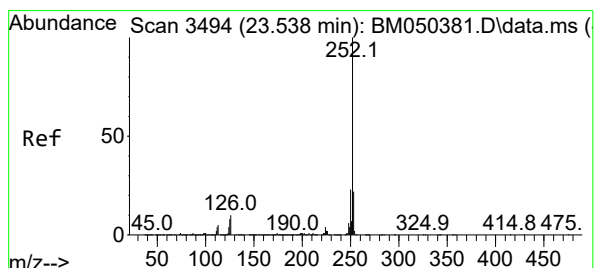
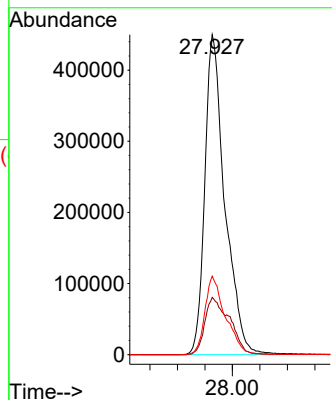
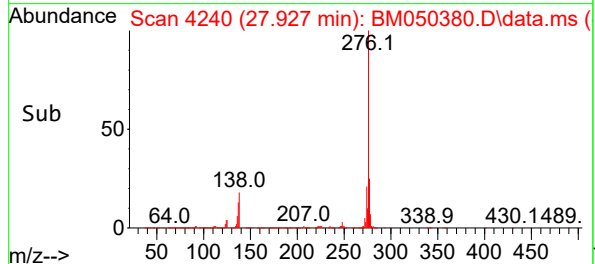
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:276 Resp: 227473
Ion Ratio Lower Upper
276 100
138 22.0 17.0 25.6
277 25.1 20.0 30.0

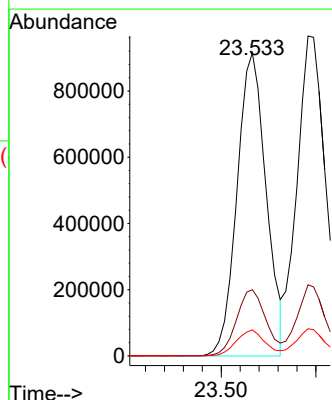
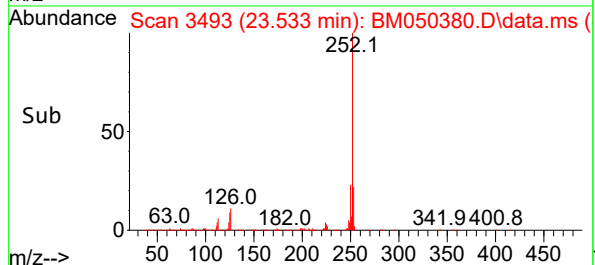
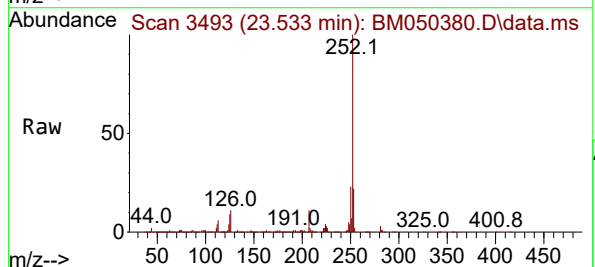
Manual Integrations
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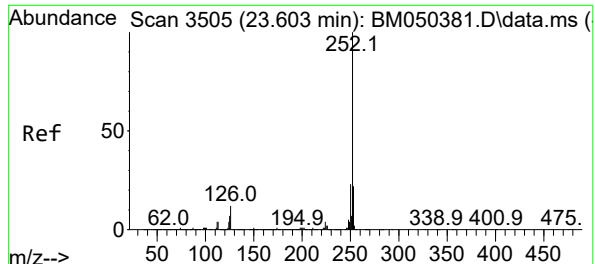
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#88
Benzo(b)fluoranthene
Concen: 19.138 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1948651
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 8.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 19.544 ng

RT: 23.592 min Scan# 3505

Delta R.T. -0.011 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 206481

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

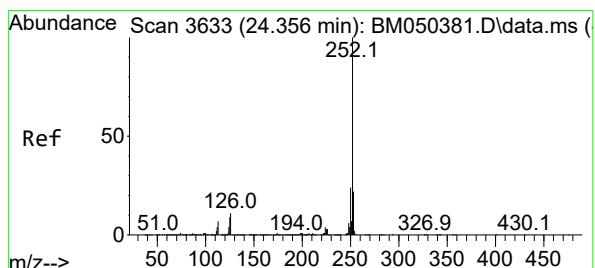
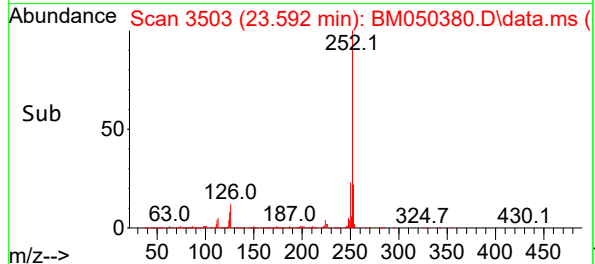
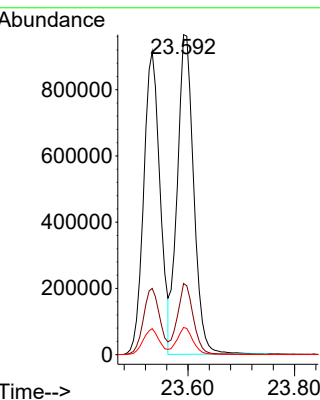
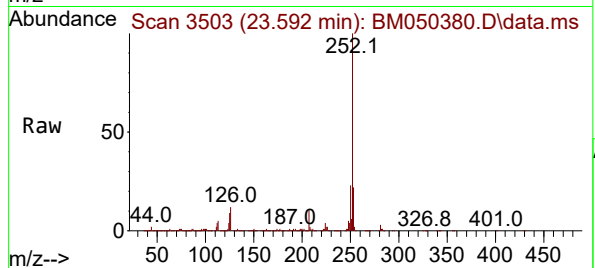
125 8.5 6.2 9.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#90

Benzo(a)pyrene

Concen: 19.085 ng

RT: 24.350 min Scan# 3632

Delta R.T. -0.006 min

Lab File: BM050380.D

Acq: 08 Jul 2025 14:40

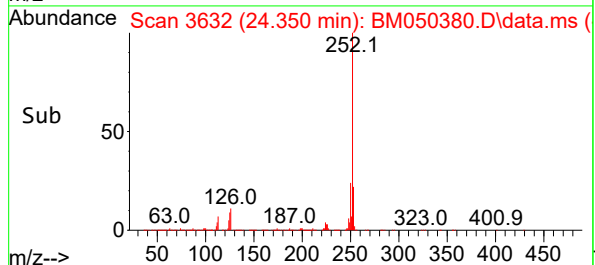
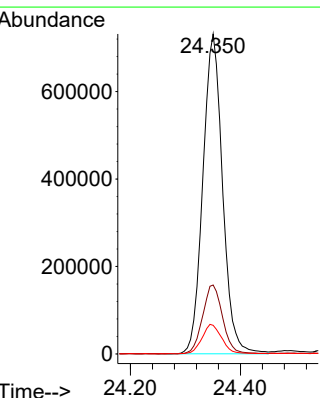
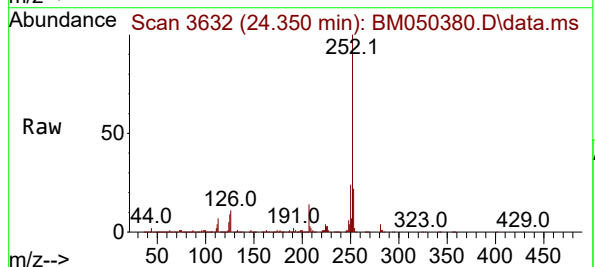
Tgt Ion:252 Resp: 1819117

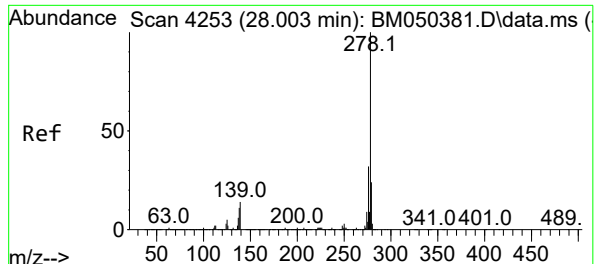
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

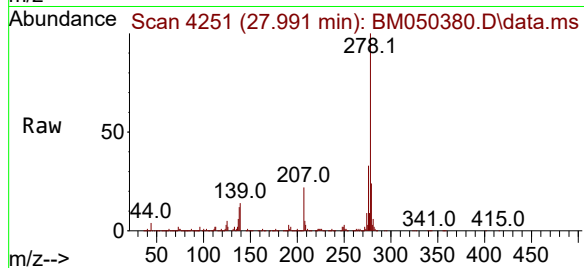
125 8.9 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 19.357 ng
RT: 27.991 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

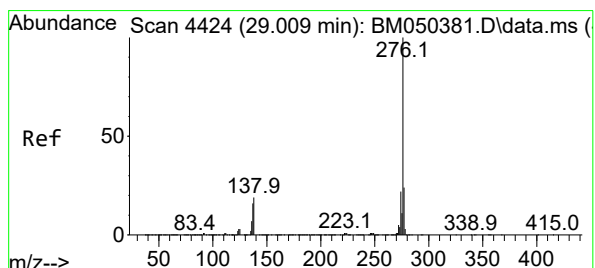
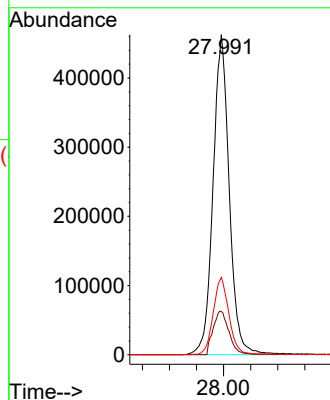
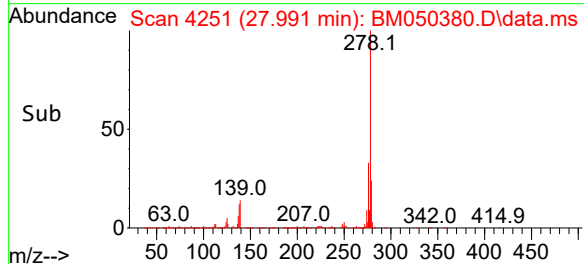
Instrument :
BNA_M
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 191867
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 24.2 19.4 29.0

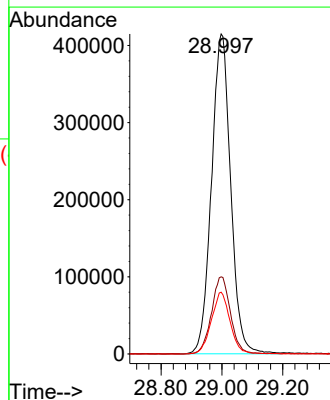
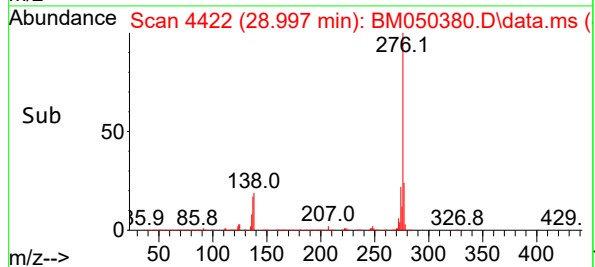
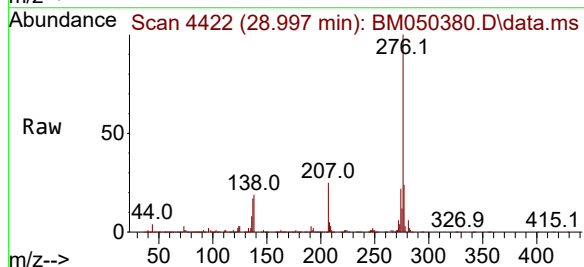
Manual Integrations
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Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#92
Benzo(g,h,i)perylene
Concen: 19.385 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:276 Resp: 1815952
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 19.3 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050381.D
 Acq On : 08 Jul 2025 15:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:22:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	390087	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1498318	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	967077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1834050	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1904004	20.000	ng	0.00
86) Perylene-d12	24.497	264	1842285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1797254	79.307	ng	0.00
7) Phenol-d6	7.022	99	2287075	80.057	ng	0.00
23) Nitrobenzene-d5	9.022	82	2350204	80.025	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	961125	81.797	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6157884	78.635	ng	0.00
79) Terphenyl-d14	19.845	244	9584372	88.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	358574	38.479	ng	100
3) Pyridine	3.734	79	957840	39.152	ng	100
4) n-Nitrosodimethylamine	3.640	42	446254	39.127	ng	100
6) Aniline	7.187	93	1465425	39.971	ng	100
8) 2-Chlorophenol	7.428	128	949275	39.725	ng	100
9) Benzaldehyde	6.998	77	699931m	41.183	ng	
10) Phenol	7.051	94	1176548	39.486	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	933093	39.103	ng	100
12) 1,3-Dichlorobenzene	7.757	146	1129597	38.876	ng	100
13) 1,4-Dichlorobenzene	7.904	146	1143020	38.525	ng	100
14) 1,2-Dichlorobenzene	8.222	146	1100335	38.737	ng	100
15) Benzyl Alcohol	8.098	79	797306	39.610	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1367157	38.896	ng	100
17) 2-Methylphenol	8.298	107	772662	39.981	ng	100
18) Hexachloroethane	8.951	117	406049	38.914	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	710692	41.065	ng	100
20) 3+4-Methylphenols	8.628	107	1033775	39.847	ng	100
22) Acetophenone	8.681	105	1471867	39.290	ng	100
24) Nitrobenzene	9.057	77	1034216	39.463	ng	100
25) Isophorone	9.592	82	1916609	40.218	ng	100
26) 2-Nitrophenol	9.775	139	440758	41.266	ng	100
27) 2,4-Dimethylphenol	9.833	122	895117	39.384	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1249755	39.577	ng	100
29) 2,4-Dichlorophenol	10.304	162	934922	40.040	ng	100
30) 1,2,4-Trichlorobenzene	10.527	180	1085193	38.850	ng	100
31) Naphthalene	10.710	128	2960809	38.905	ng	100
32) Benzoic acid	9.945	122	491059	36.793	ng	100
33) 4-Chloroaniline	10.810	127	1285226	39.947	ng	100
34) Hexachlorobutadiene	11.010	225	662229	38.844	ng	100
35) Caprolactam	11.580	113	260010	40.791	ng	100
36) 4-Chloro-3-methylphenol	11.933	107	883903	40.538	ng	100
37) 2-Methylnaphthalene	12.321	142	1901706	39.576	ng	100
38) 1-Methylnaphthalene	12.539	142	2017118	39.665	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1203524	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	765708	38.951	ng	100
43) 2,4,6-Trichlorophenol	12.927	196	761982	40.252	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050381.D
 Acq On : 08 Jul 2025 15:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:22:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	831142	40.202	ng	100
46) 1,1'-Biphenyl	13.333	154	2786215	38.832	ng	100
47) 2-Chloronaphthalene	13.368	162	2224727	38.889	ng	100
48) 2-Nitroaniline	13.563	65	538415	42.165	ng	100
49) Acenaphthylene	14.215	152	3433586	39.714	ng	100
50) Dimethylphthalate	13.951	163	2613190	39.248	ng	100
51) 2,6-Dinitrotoluene	14.063	165	528767	41.362	ng	100
52) Acenaphthene	14.557	154	2148079	39.080	ng	100
53) 3-Nitroaniline	14.386	138	568716	41.832	ng	100
54) 2,4-Dinitrophenol	14.586	184	225952	35.873	ng	100
55) Dibenzofuran	14.892	168	3305040	39.024	ng	100
56) 4-Nitrophenol	14.680	139	473550	40.504	ng	100
57) 2,4-Dinitrotoluene	14.845	165	717807	38.104	ng	100
58) Fluorene	15.539	166	2744882	39.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	705044	40.512	ng	100
60) Diethylphthalate	15.315	149	2532007	39.811	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1443937	39.586	ng	100
62) 4-Nitroaniline	15.545	138	602257	39.043	ng	100
63) Azobenzene	15.827	77	2337291	40.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	343246	36.538	ng	100
66) n-Nitrosodiphenylamine	15.745	169	2284645	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	798257	39.504	ng	100
68) Hexachlorobenzene	16.539	284	940659	39.414	ng	100
69) Atrazine	16.692	200	775270	41.139	ng	100
70) Pentachlorophenol	16.874	266	590077	39.717	ng	100
71) Phenanthrene	17.268	178	4039451	38.923	ng	100
72) Anthracene	17.362	178	4095570	39.646	ng	100
73) Carbazole	17.621	167	3704436	39.632	ng	100
74) Di-n-butylphthalate	18.198	149	4183360	40.890	ng	100
75) Fluoranthene	19.280	202	4522403	40.085	ng	100
77) Benzidine	19.456	184	2104809	43.341	ng	100
78) Pyrene	19.639	202	4798678	39.352	ng	100
80) Butylbenzylphthalate	20.539	149	1677924	41.731	ng	100
81) Benzo(a)anthracene	21.439	228	4880944	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1633134	39.036	ng	100
83) Chrysene	21.497	228	4604684	39.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2685699	42.076	ng	100
85) Di-n-octyl phthalate	22.527	149	4028194	40.294	ng	100
87) Indeno(1,2,3-cd)pyrene	27.938	276	5214934	39.813	ng	100
88) Benzo(b)fluoranthene	23.538	252	4531635	39.990	ng	100
89) Benzo(k)fluoranthene	23.603	252	4654634	39.586	ng	100
90) Benzo(a)pyrene	24.356	252	4259750	40.157	ng	100
91) Dibenzo(a,h)anthracene	28.003	278	4396741	39.857	ng	100
92) Benzo(g,h,i)perylene	29.009	276	4131353	39.626	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050381.D
 Acq On : 08 Jul 2025 15:20
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Quant Time: Jul 08 18:22:12 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

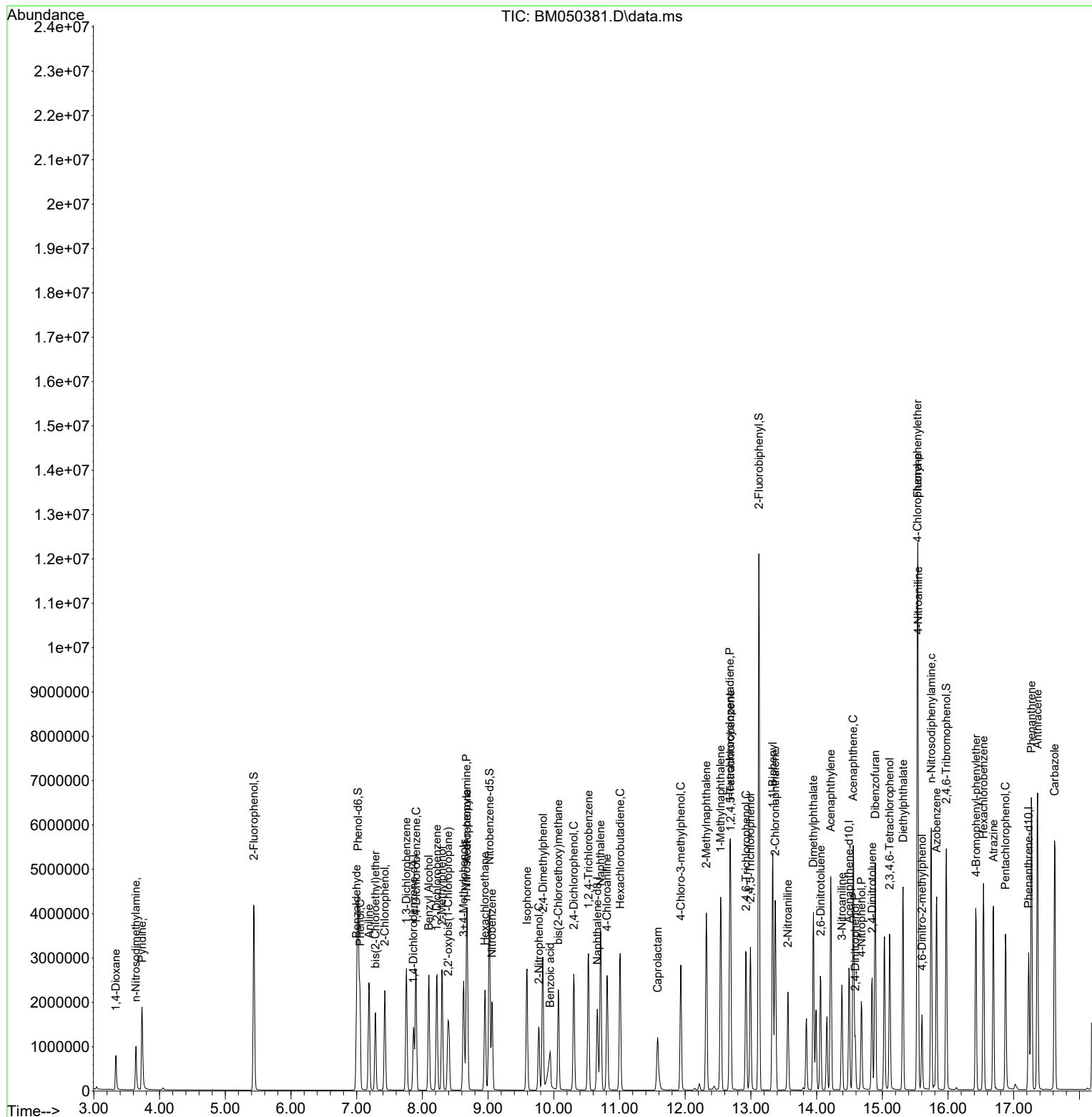
Response via : Initial Calibration

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



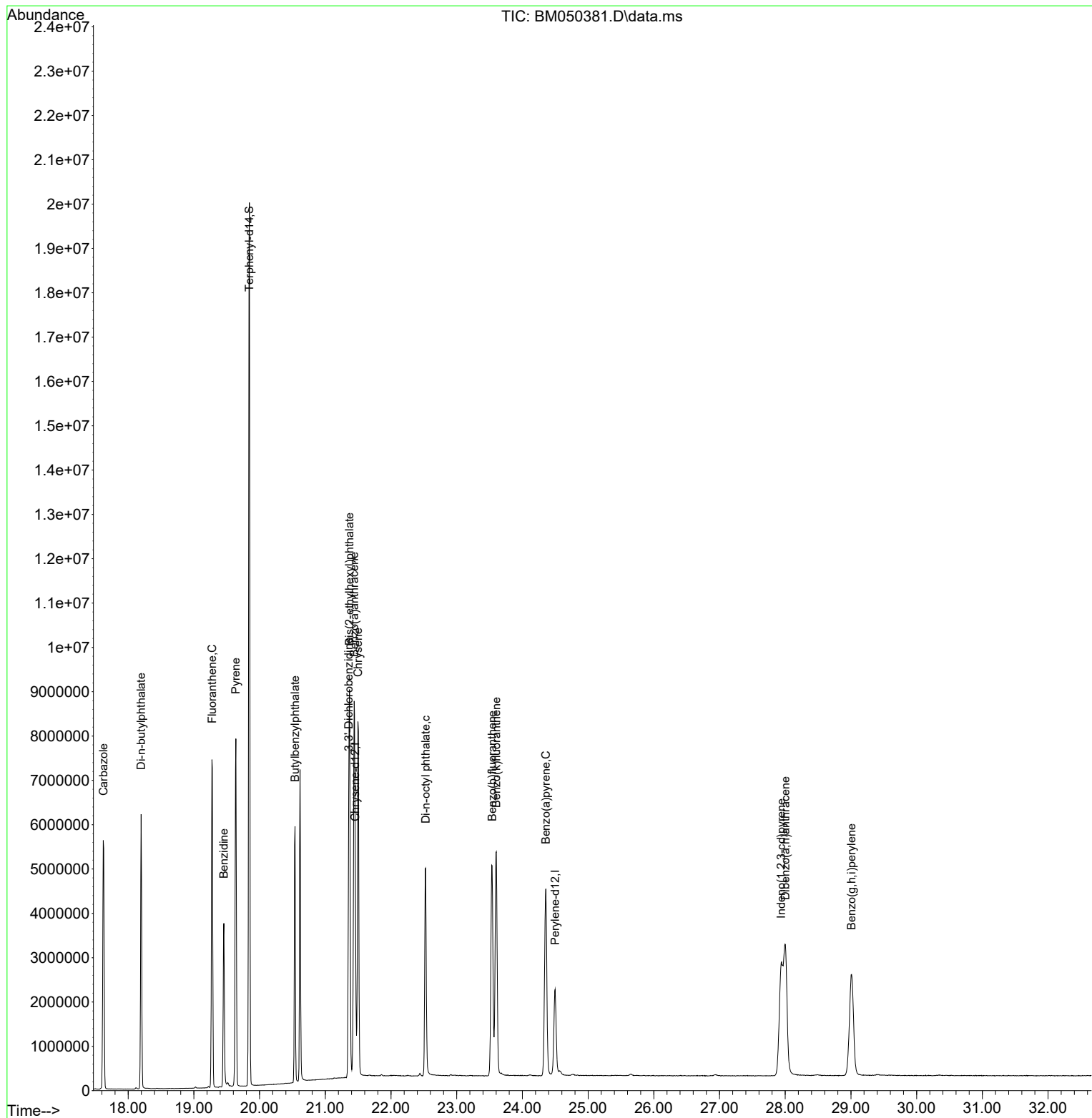
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Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

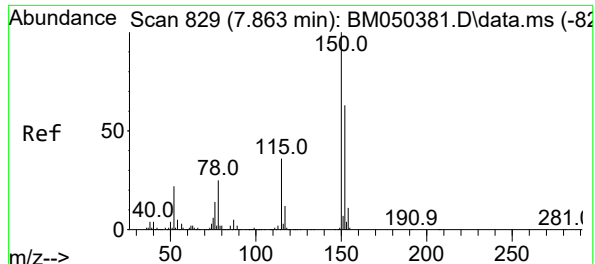
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

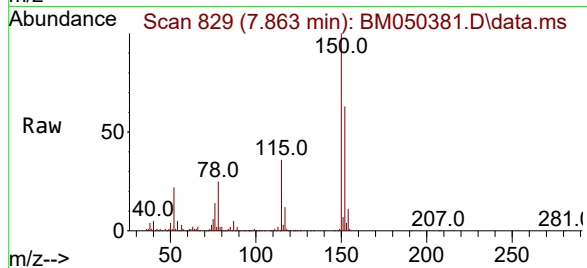
Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

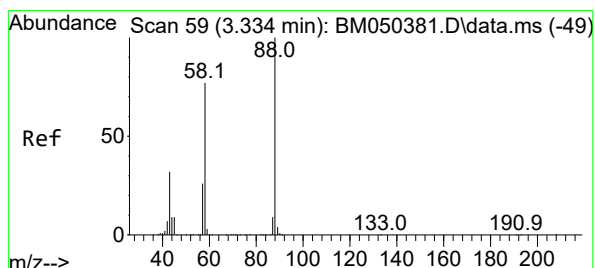
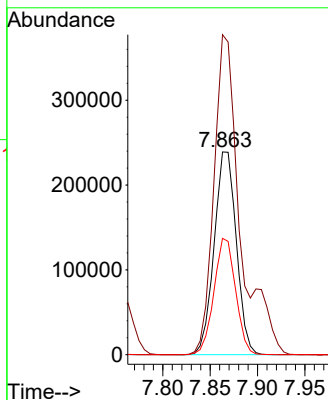
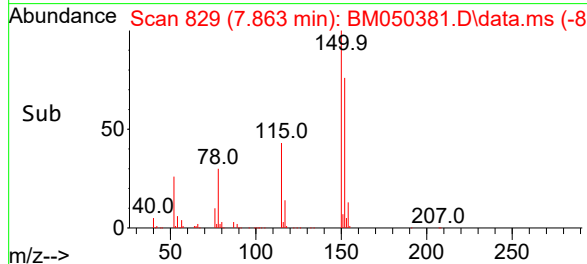
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 390085
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.4
115 57.3 45.8 68.8

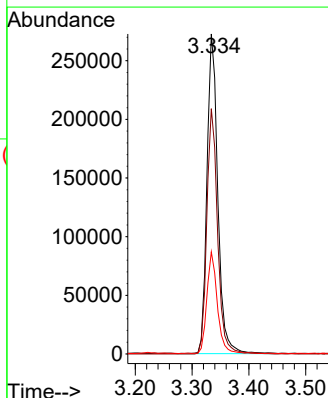
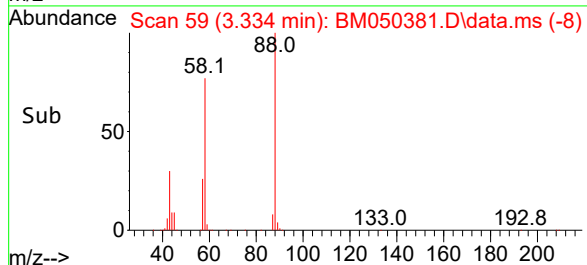
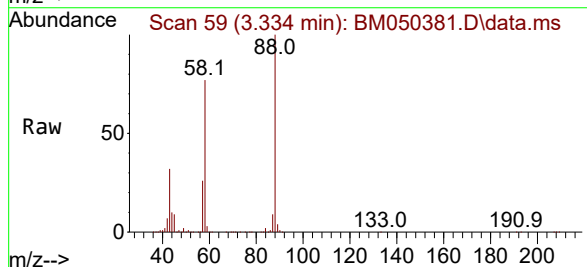
Manual Integrations
APPROVED

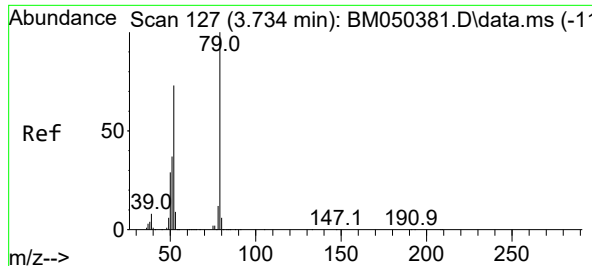
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#2
1,4-Dioxane
Concen: 38.479 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

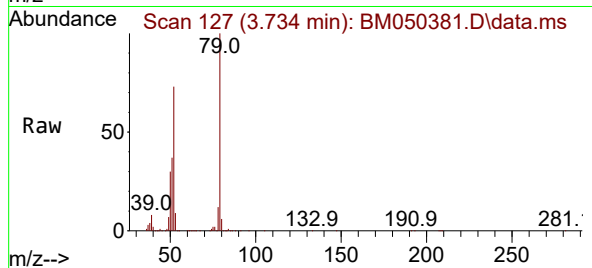
Tgt Ion: 88 Resp: 358574
Ion Ratio Lower Upper
88 100
58 76.3 61.0 91.6
43 30.8 24.6 37.0





#3
Pyridine
Concen: 39.152 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

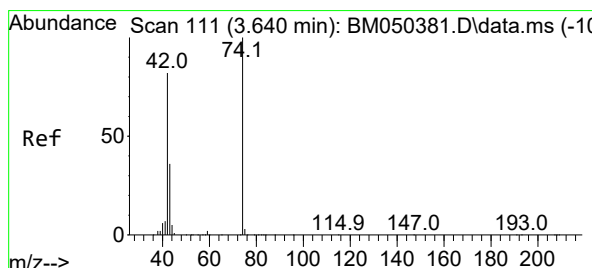
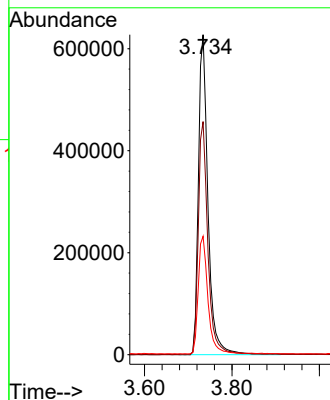
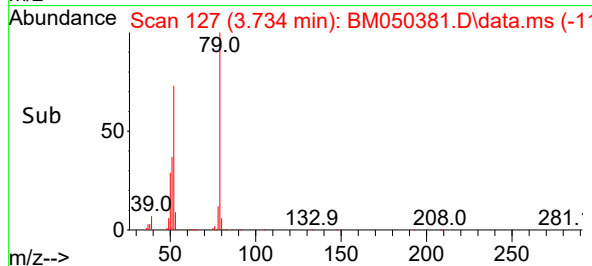
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 957840
Ion Ratio Lower Upper
79 100
52 72.9 58.3 87.5
51 37.0 29.6 44.4

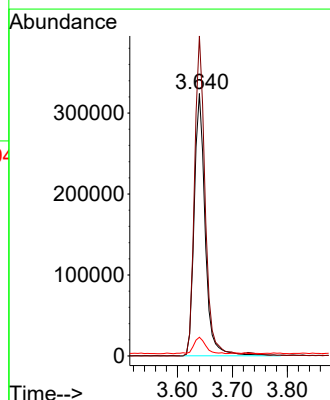
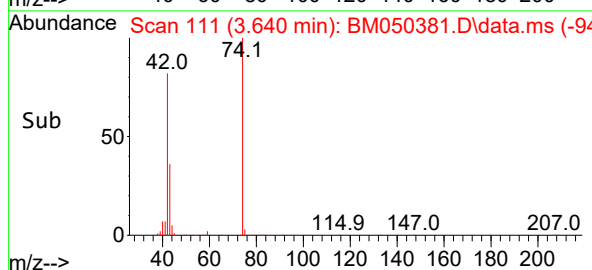
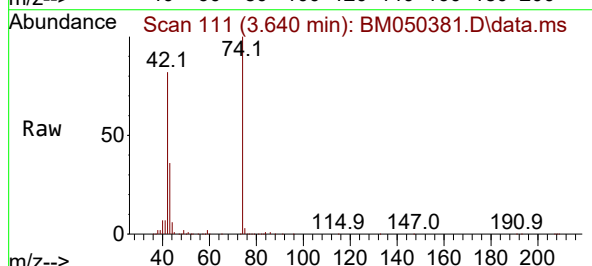
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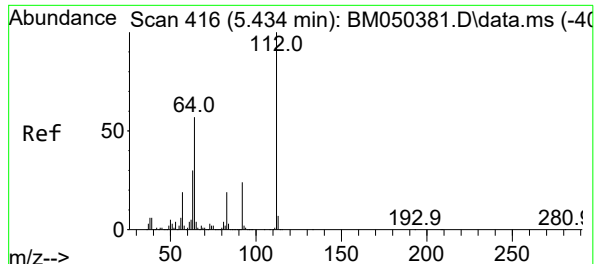
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#4
n-Nitrosodimethylamine
Concen: 39.127 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

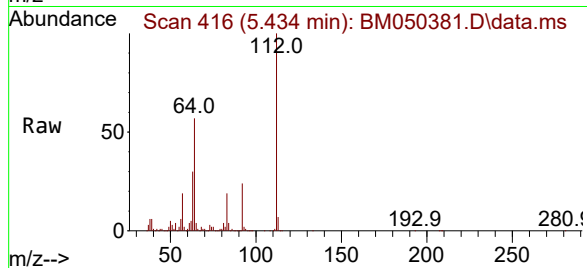
Tgt Ion: 42 Resp: 446254
Ion Ratio Lower Upper
42 100
74 121.9 97.5 146.3
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 79.307 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

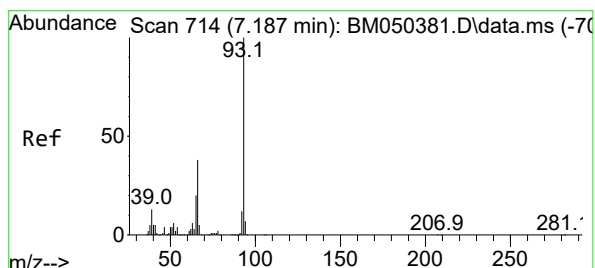
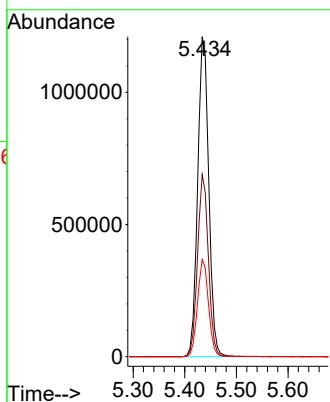
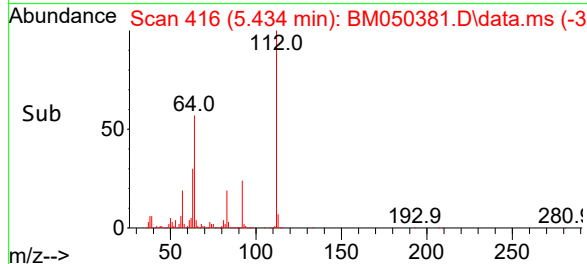
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:112 Resp: 1797254
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 30.3 24.2 36.4

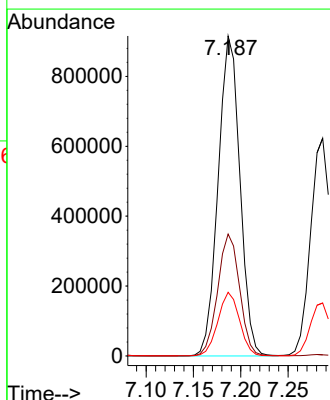
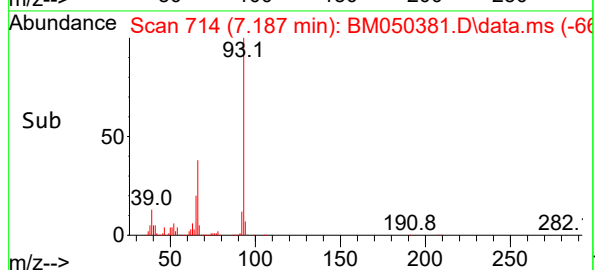
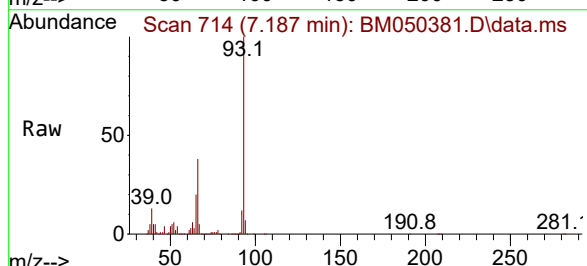
Manual Integrations
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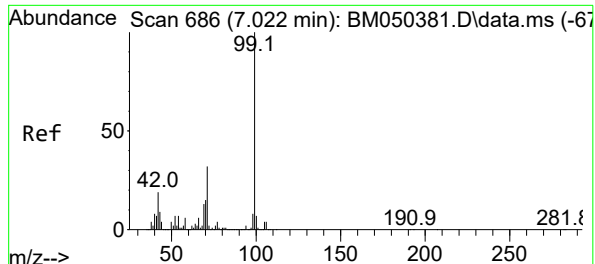
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#6
Aniline
Concen: 39.971 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

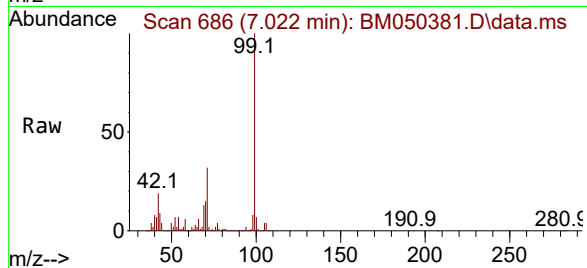
Tgt Ion: 93 Resp: 1465425
Ion Ratio Lower Upper
93 100
66 38.1 30.5 45.7
65 19.9 15.9 23.9





#7
Phenol-d6
Concen: 80.057 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

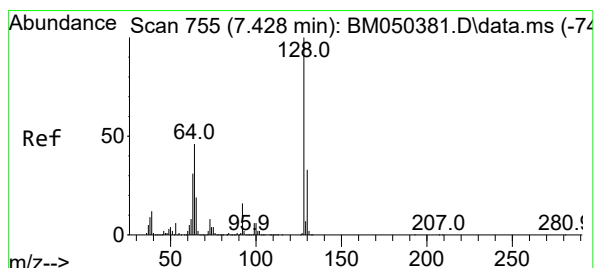
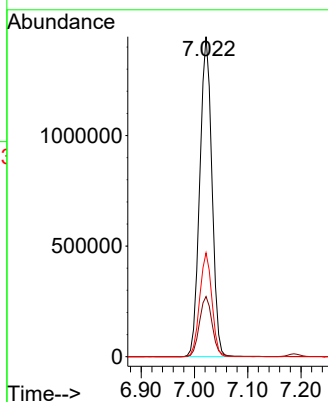
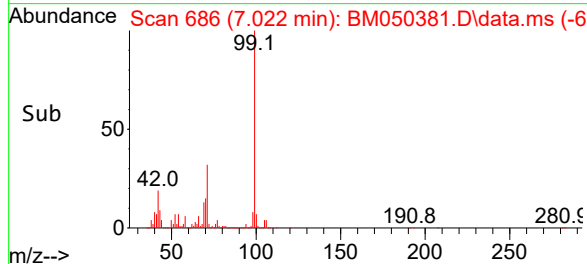
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



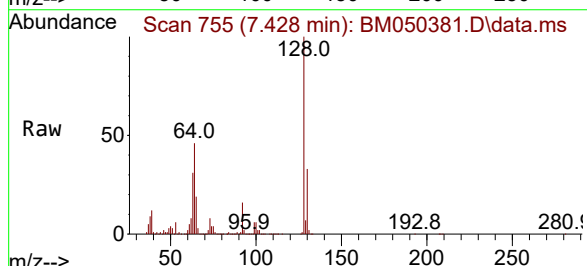
Tgt Ion: 99 Resp: 2287075
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.6
71 32.4 25.9 38.9

Manual Integrations
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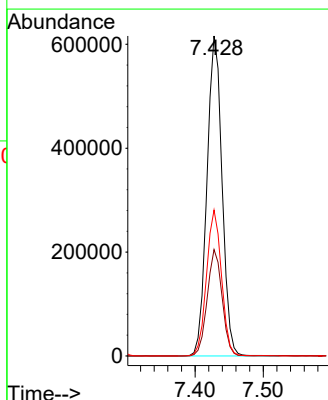
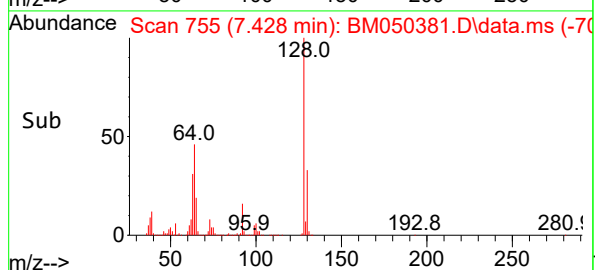
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

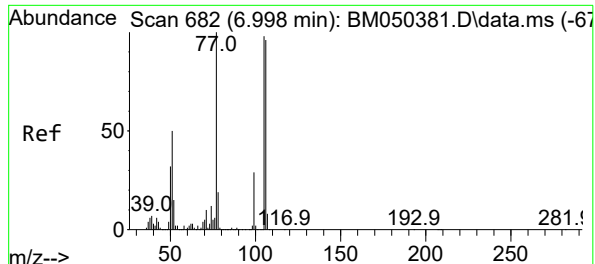


#8
2-Chlorophenol
Concen: 39.725 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20



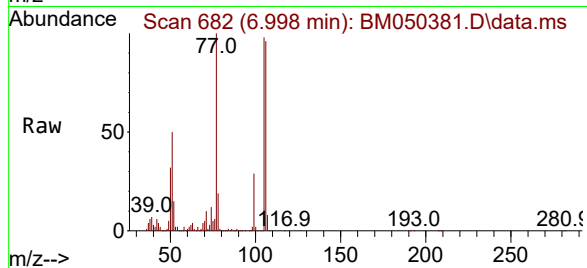
Tgt Ion:128 Resp: 949275
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 45.6 25.6 65.6





#9
Benzaldehyde
Concen: 41.183 ng m
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

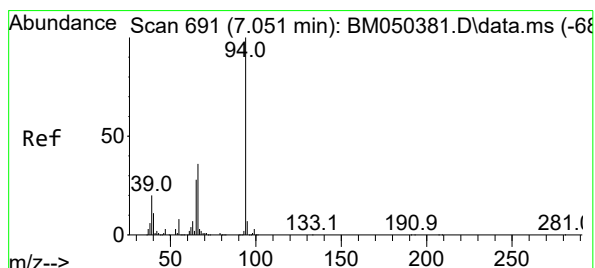
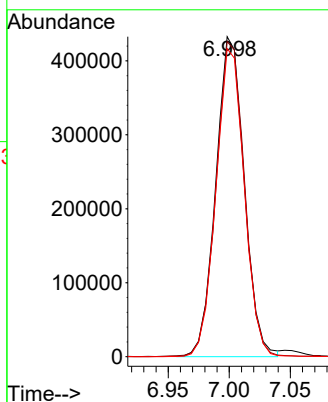
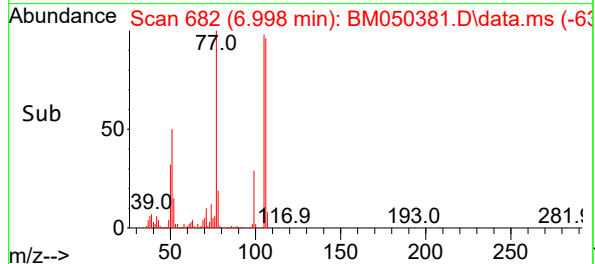
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 699933
Ion Ratio Lower Upper
77 100
105 98.4 78.4 118.4
106 96.3 76.3 116.3

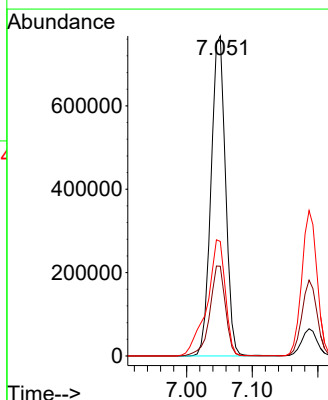
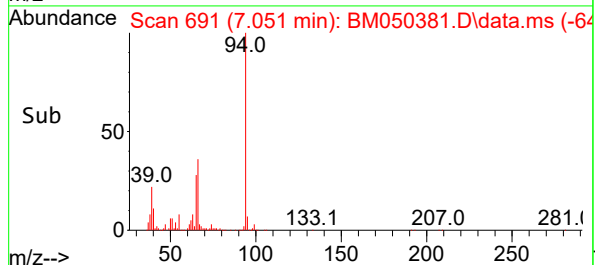
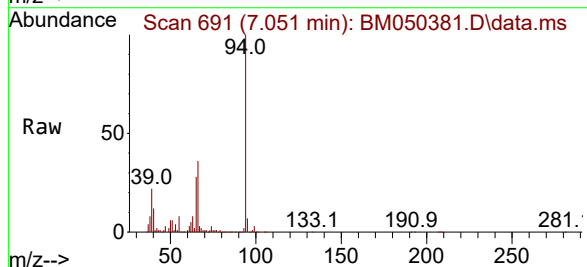
Manual Integrations
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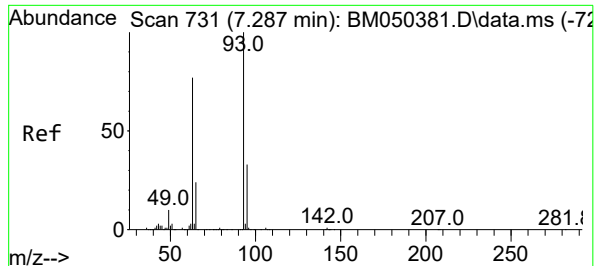
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#10
Phenol
Concen: 39.486 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 94 Resp: 1176548
Ion Ratio Lower Upper
94 100
65 28.1 8.1 48.1
66 35.8 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 39.103 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 933093

Ion Ratio Lower Upper

93 100

63 76.9 56.9 96.9

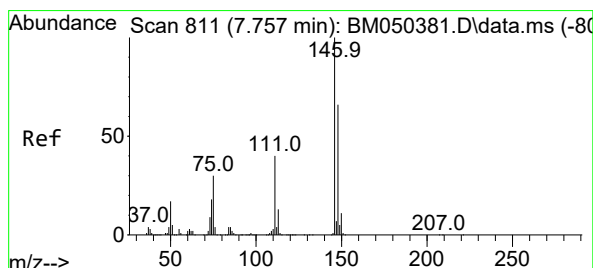
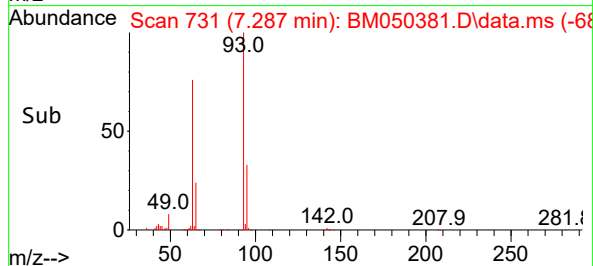
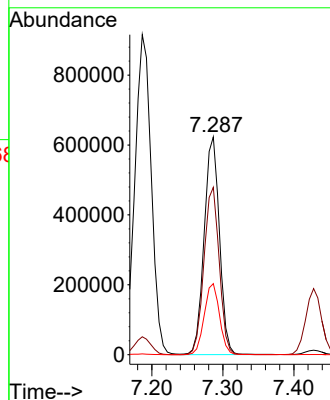
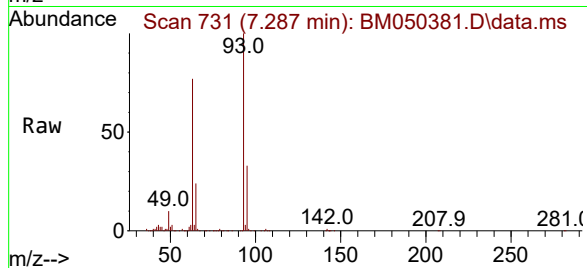
95 32.6 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#12

1,3-Dichlorobenzene

Concen: 38.876 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

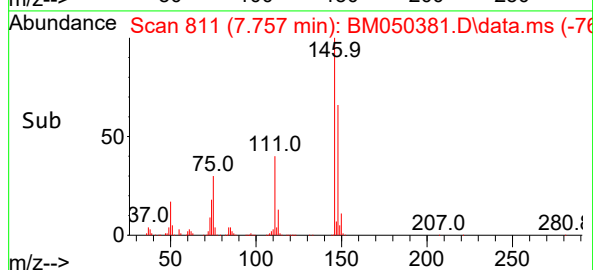
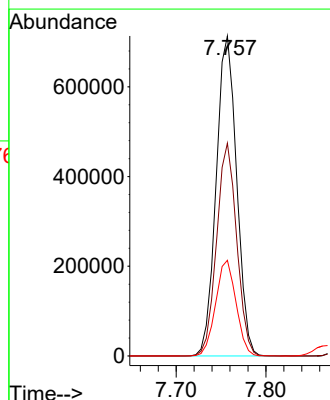
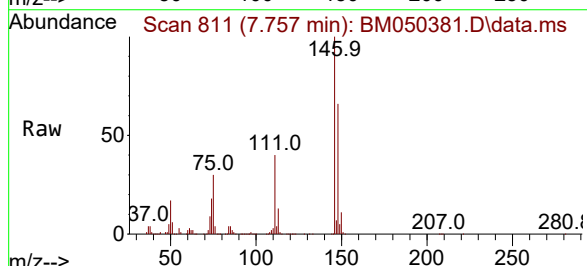
Tgt Ion:146 Resp: 1129597

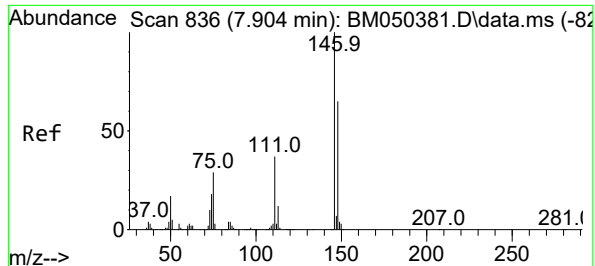
Ion Ratio Lower Upper

146 100

148 66.5 53.2 79.8

75 29.9 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 38.525 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 1143020

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

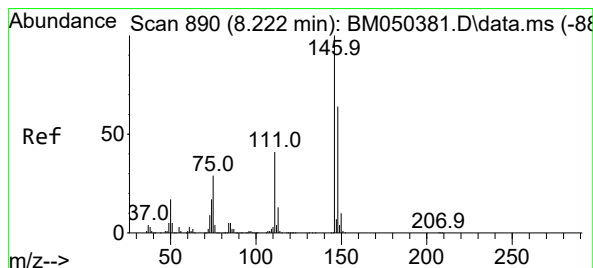
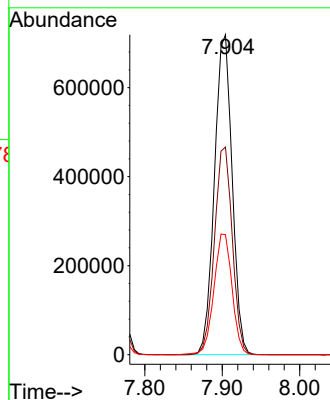
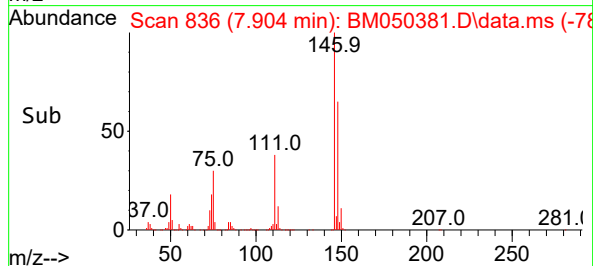
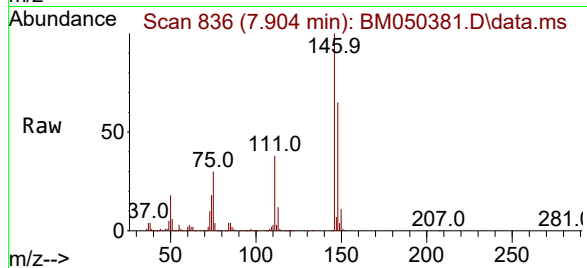
111 37.5 30.0 45.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#14

1,2-Dichlorobenzene

Concen: 38.737 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

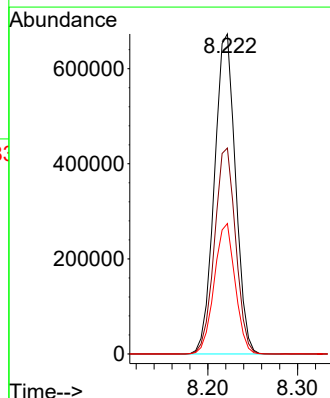
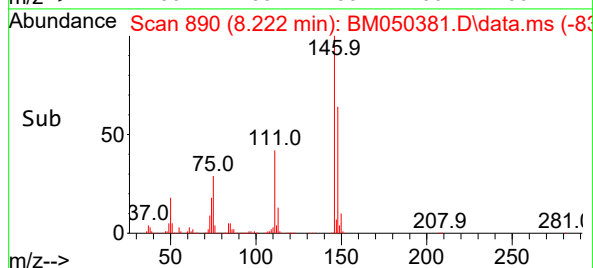
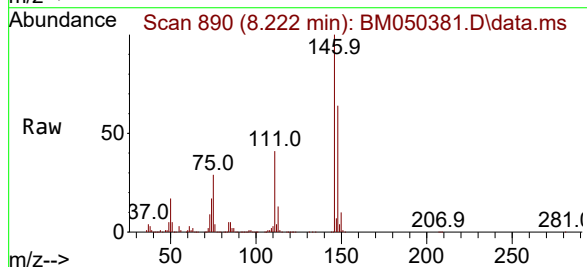
Tgt Ion:146 Resp: 1100335

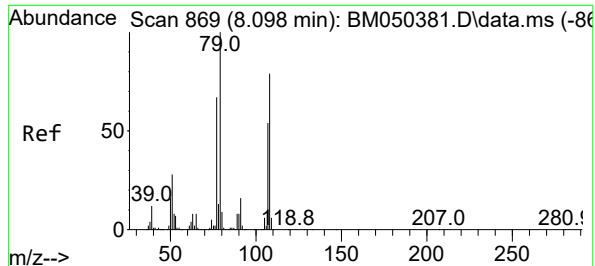
Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

111 40.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 39.610 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 797300

Ion Ratio Lower Upper

79 100

108 78.7 63.0 94.4

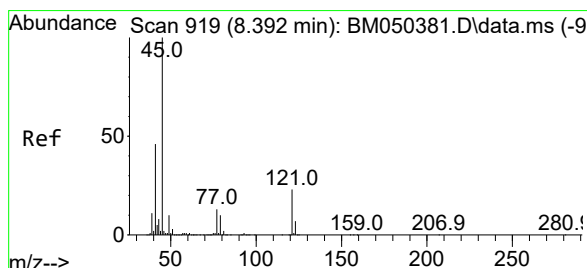
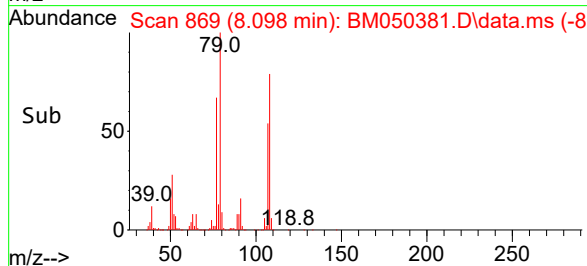
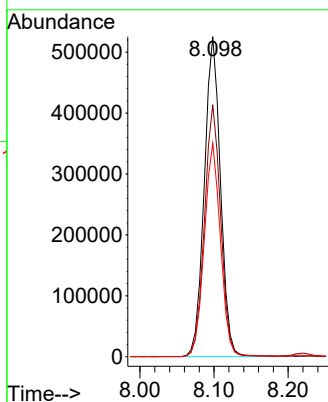
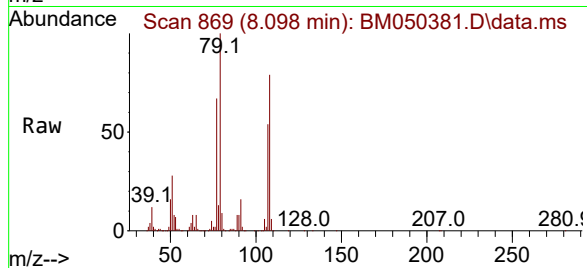
77 66.7 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.896 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

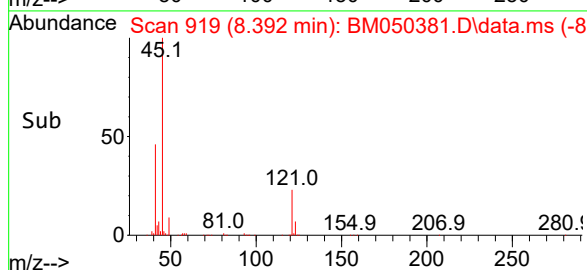
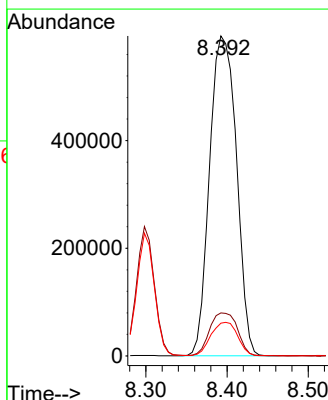
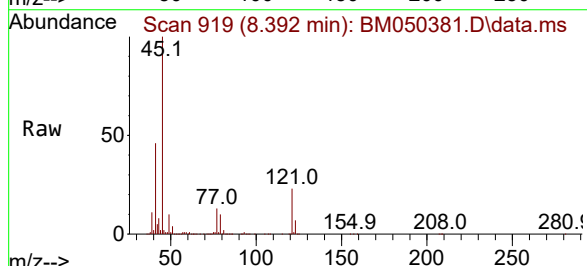
Tgt Ion: 45 Resp: 1367157

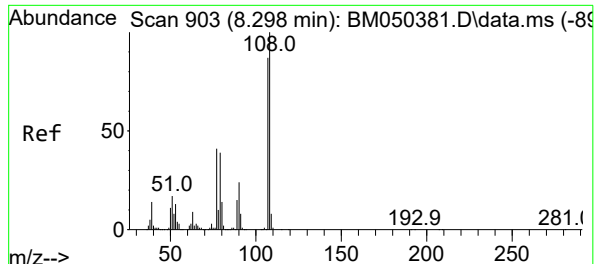
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.5

79 10.3 0.0 30.3





#17

2-Methylphenol

Concen: 39.981 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 772662

Ion Ratio Lower Upper

107 100

108 115.1 92.1 138.1

77 47.8 38.2 57.4

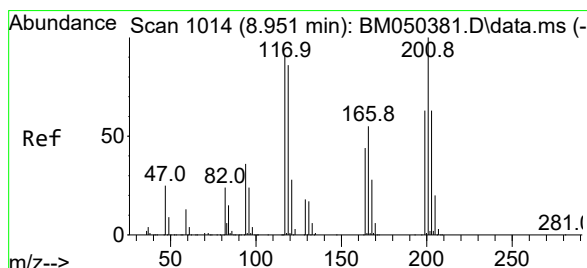
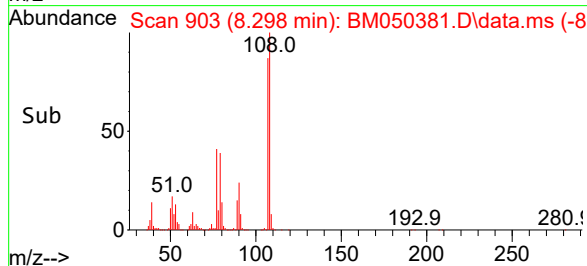
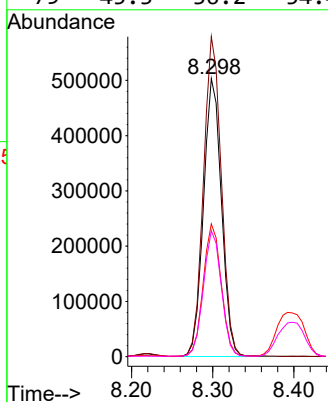
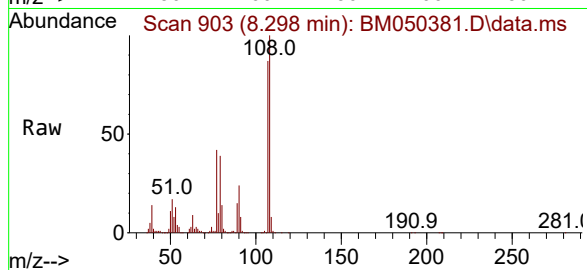
79 45.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#18

Hexachloroethane

Concen: 38.914 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

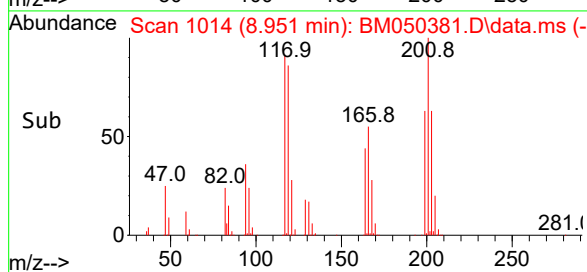
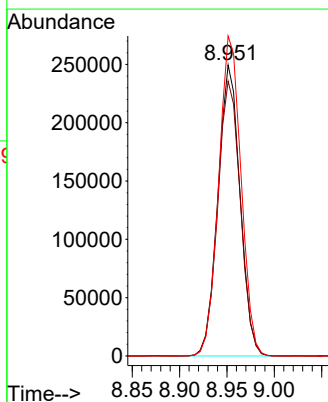
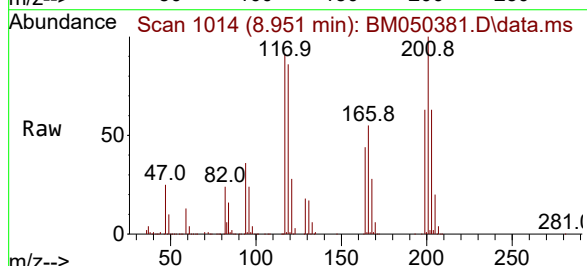
Tgt Ion:117 Resp: 406049

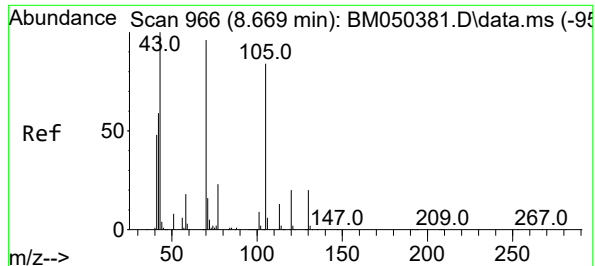
Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

201 109.9 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 41.065 ng

RT: 8.669 min Scan# 966

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 710692

Ion Ratio Lower Upper

70 100

42 62.1 49.7 74.5

101 9.6 7.7 11.5

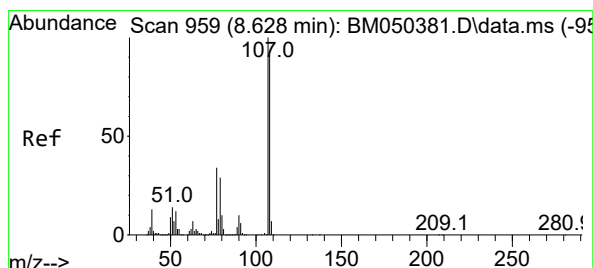
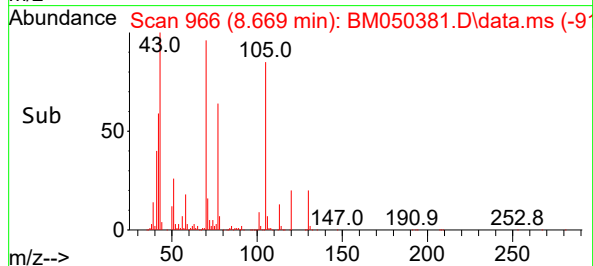
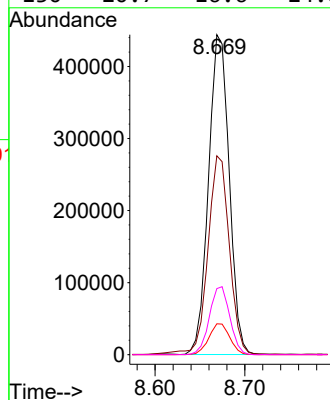
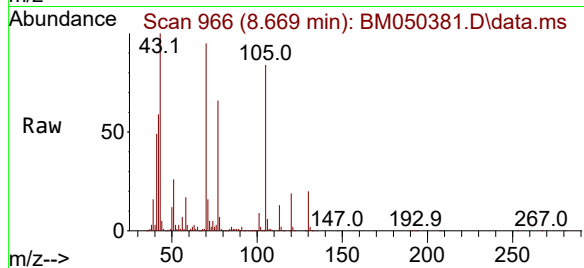
130 20.7 16.6 24.8

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#20

3+4-Methylphenols

Concen: 39.847 ng

RT: 8.628 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 1033775

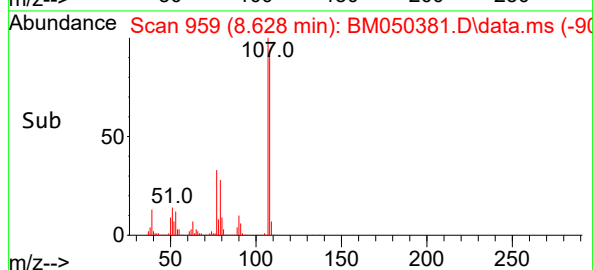
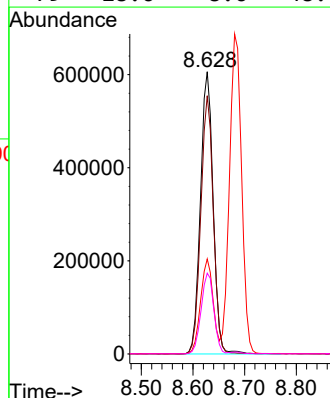
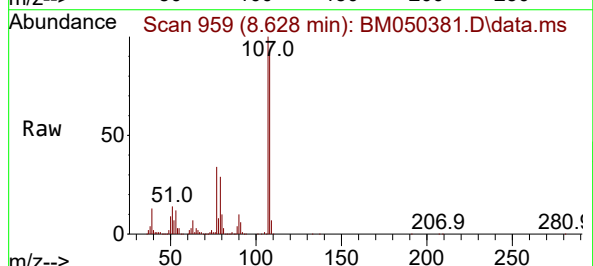
Ion Ratio Lower Upper

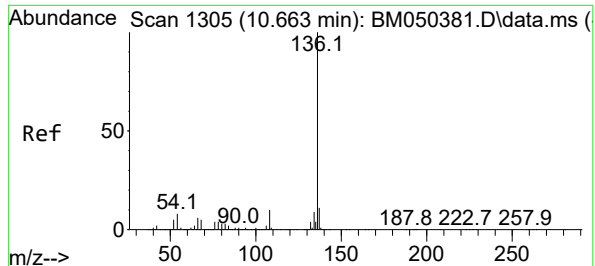
107 100

108 91.5 71.5 111.5

77 33.7 13.7 53.7

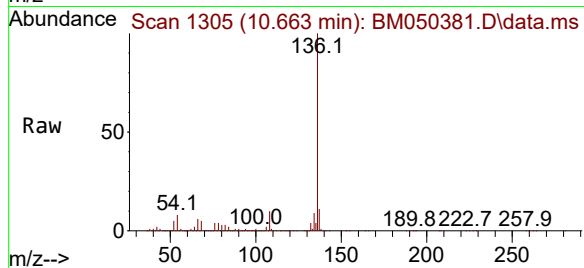
79 28.6 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

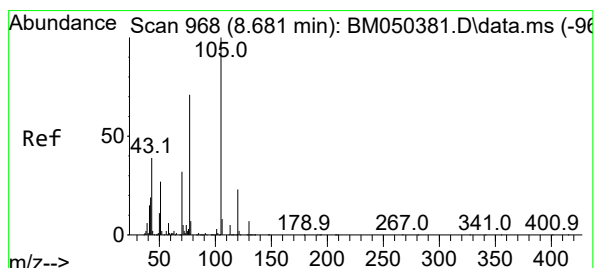
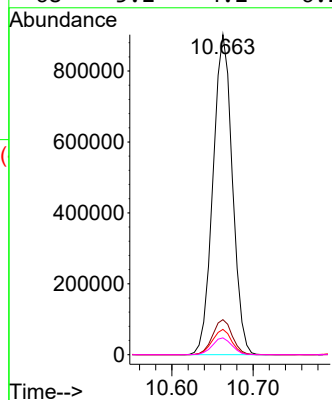
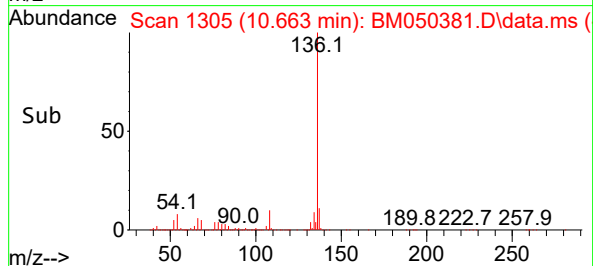
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 1498318
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 6.3 9.5
68 5.2 4.2 6.2

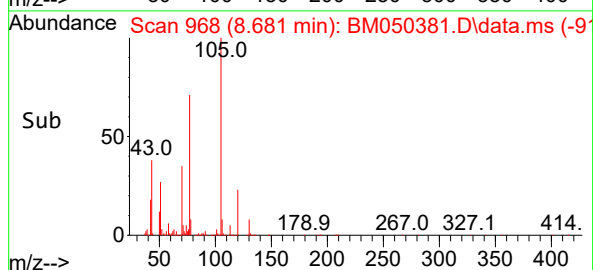
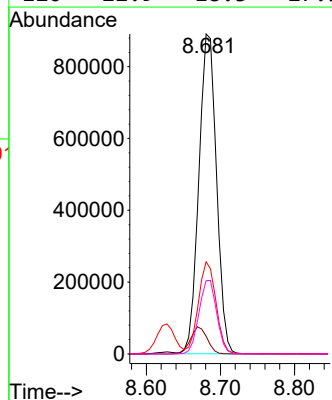
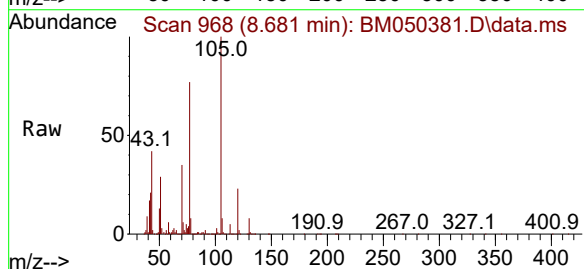
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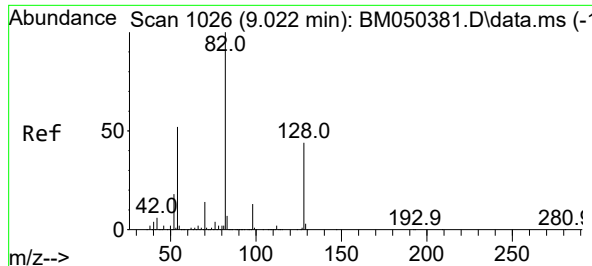
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#22
Acetophenone
Concen: 39.290 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:105 Resp: 1471867
Ion Ratio Lower Upper
105 100
71 5.5 4.4 6.6
51 28.8 23.0 34.6
120 22.9 18.3 27.5





#23

Nitrobenzene-d5

Concen: 80.025 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2350204

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

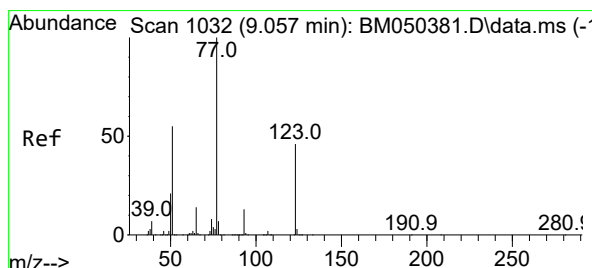
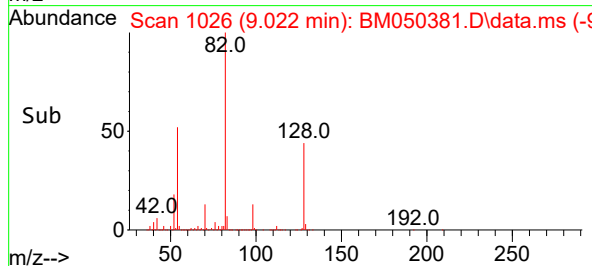
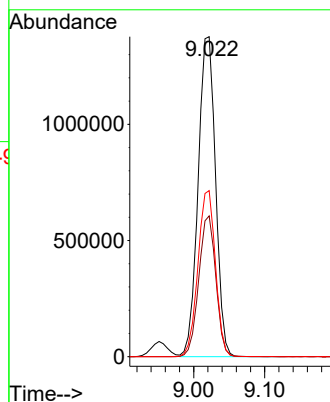
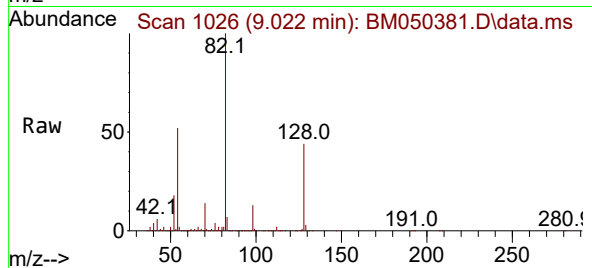
54 51.9 41.5 62.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#24

Nitrobenzene

Concen: 39.463 ng

RT: 9.057 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

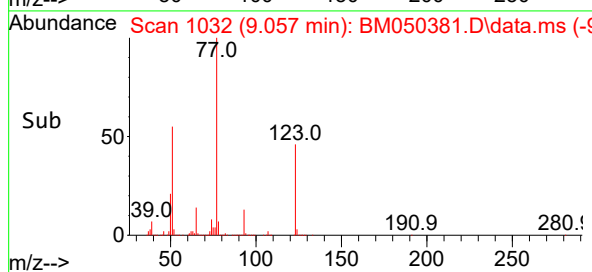
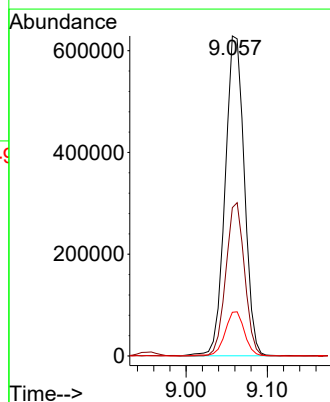
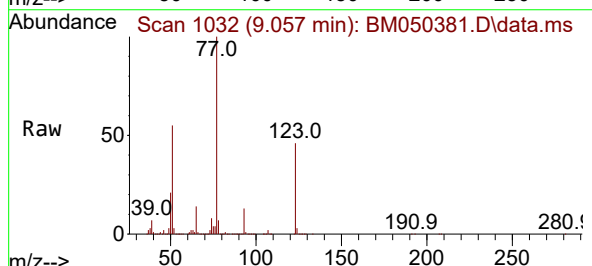
Tgt Ion: 77 Resp: 1034216

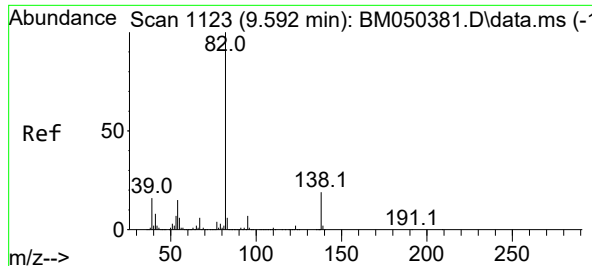
Ion Ratio Lower Upper

77 100

123 46.3 37.0 55.6

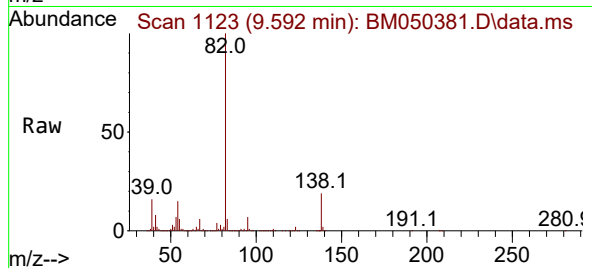
65 13.7 11.0 16.4





#25
Isophorone
Concen: 40.218 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

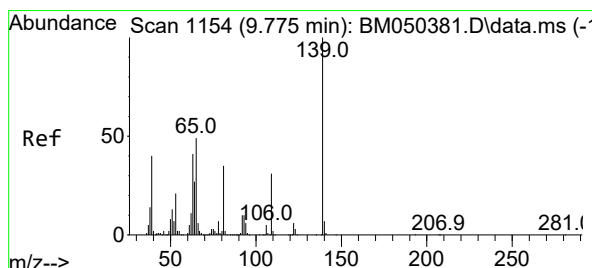
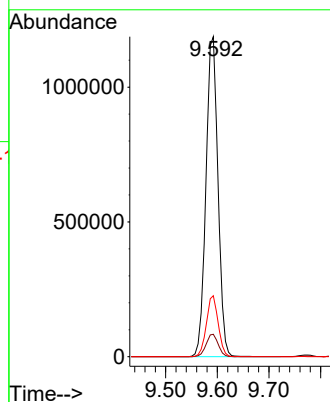
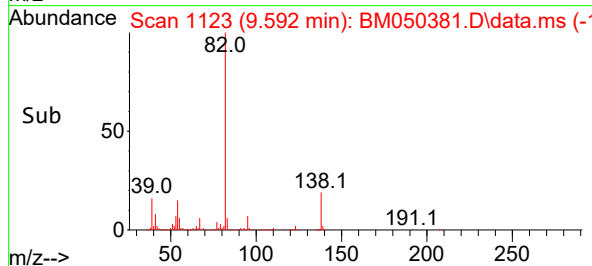
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 1916609
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.1 15.3 22.9

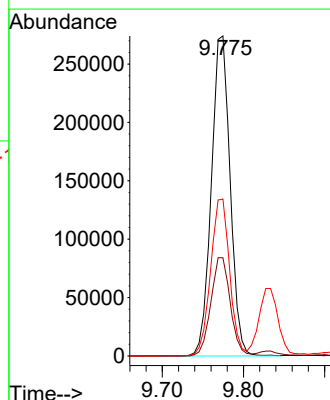
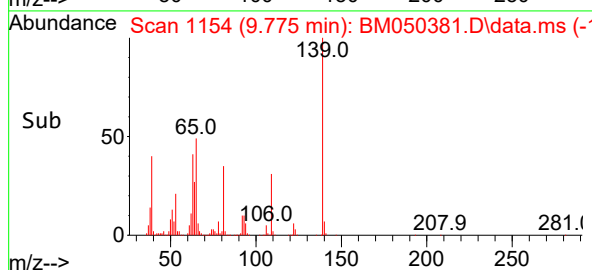
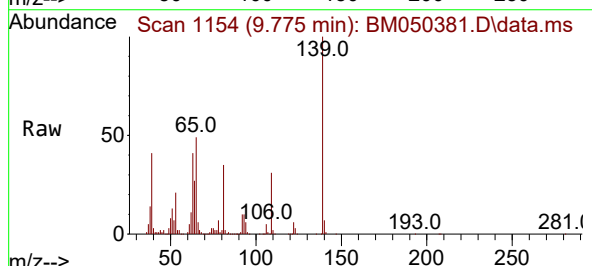
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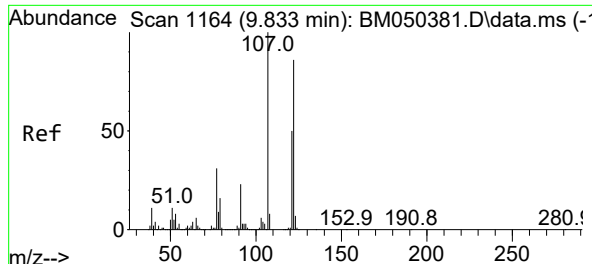
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

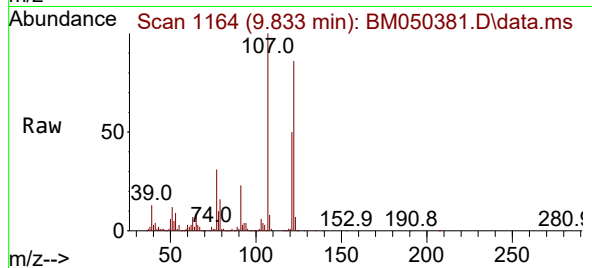
Tgt Ion:139 Resp: 440758
Ion Ratio Lower Upper
139 100
109 30.7 24.6 36.8
65 49.0 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 9.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

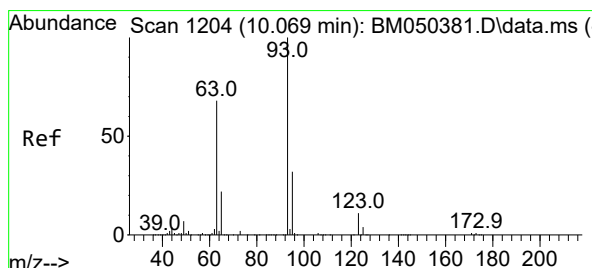
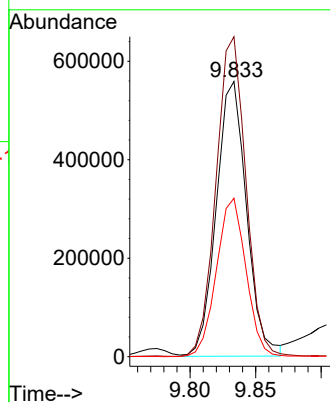
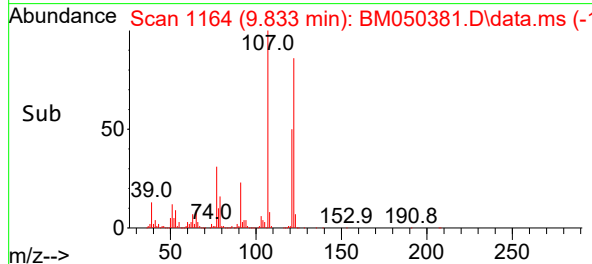
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:122 Resp: 89511
Ion Ratio Lower Upper
122 100
107 116.3 93.0 139.6
121 57.6 46.1 69.1

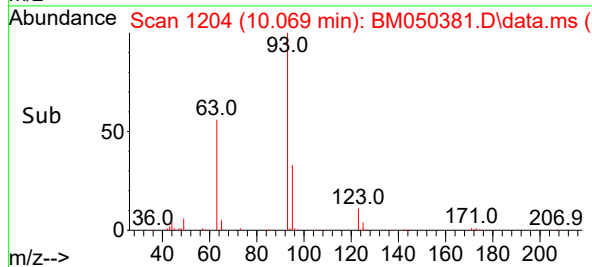
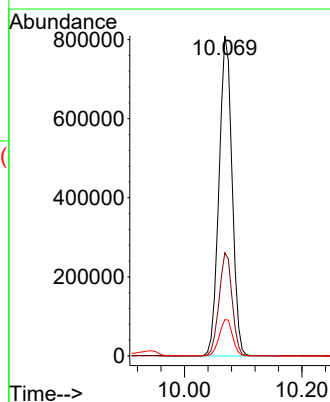
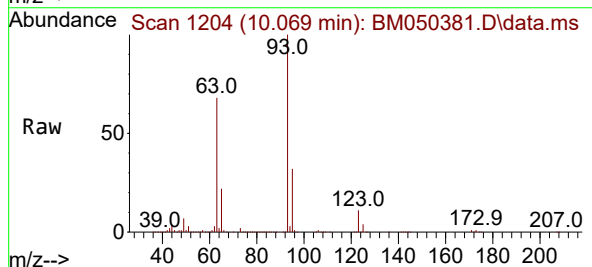
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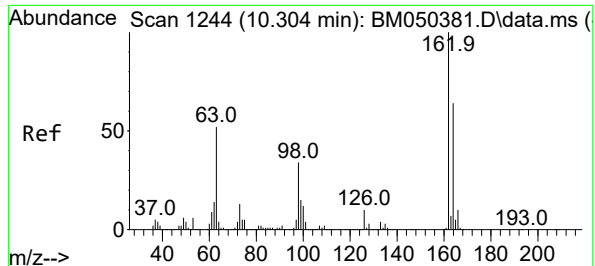
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 39.577 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1249755
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.040 ng

RT: 10.304 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 93492

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

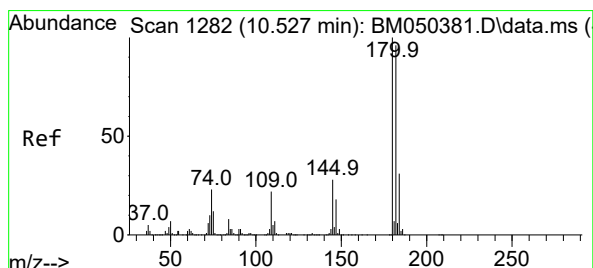
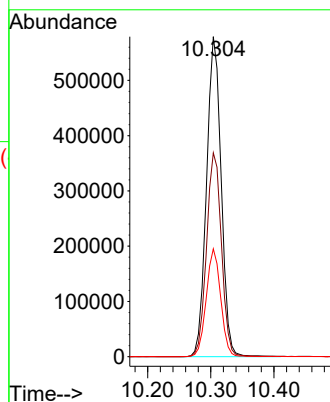
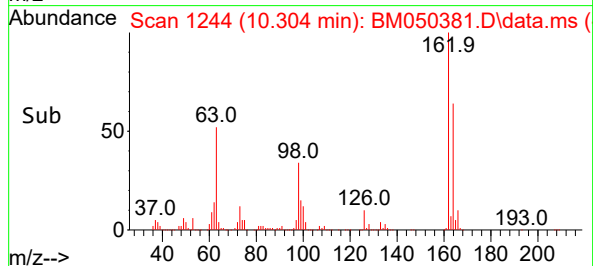
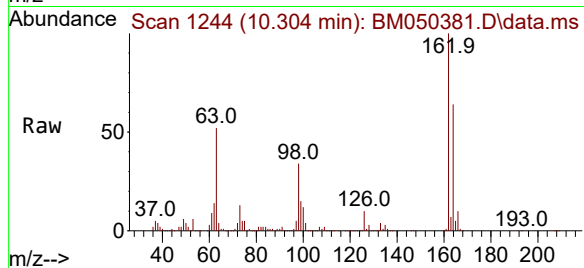
98 33.7 13.7 53.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#30

1,2,4-Trichlorobenzene

Concen: 38.850 ng

RT: 10.527 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

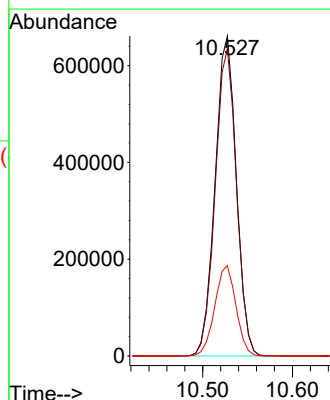
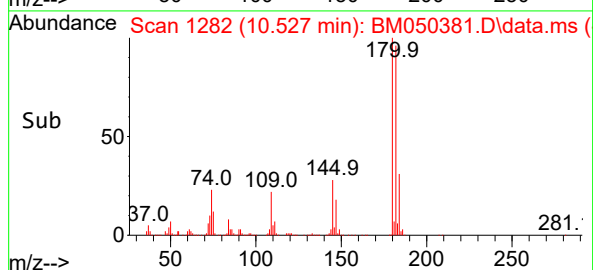
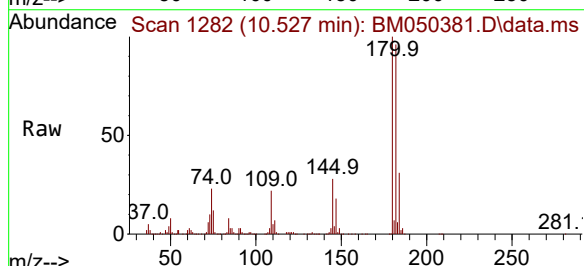
Tgt Ion:180 Resp: 1085193

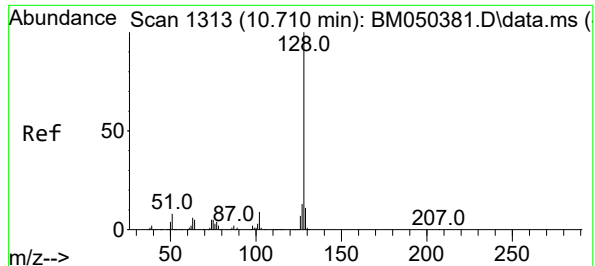
Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

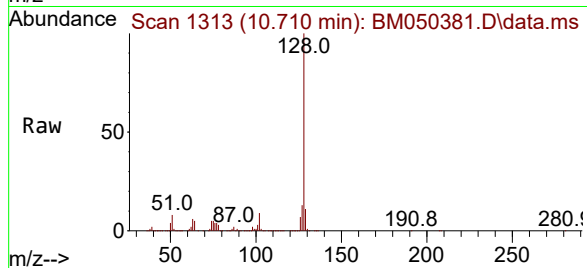
145 28.2 22.6 33.8





#31
Naphthalene
Concen: 38.905 ng
RT: 10.710 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

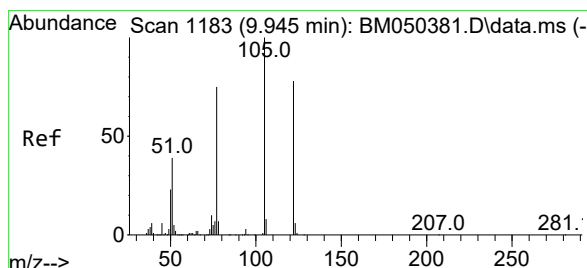
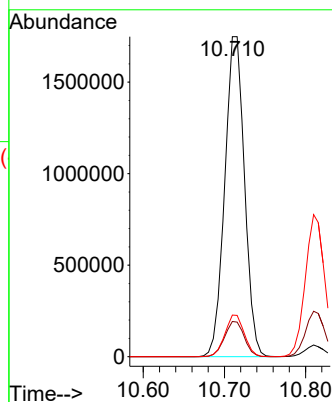
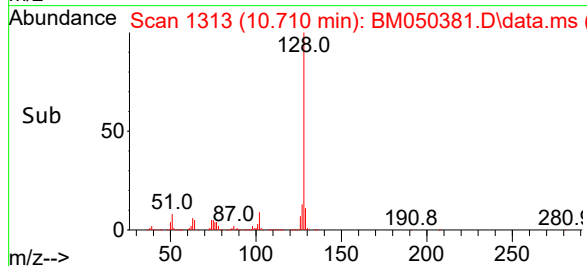
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 2960809
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6

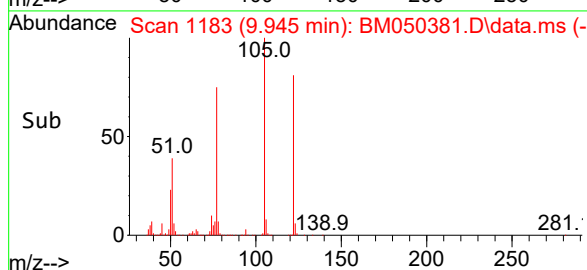
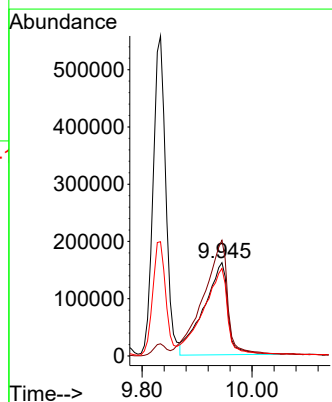
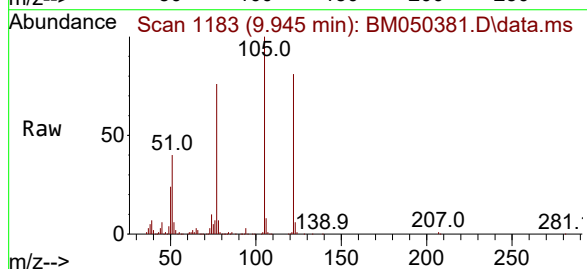
Manual Integrations
APPROVED

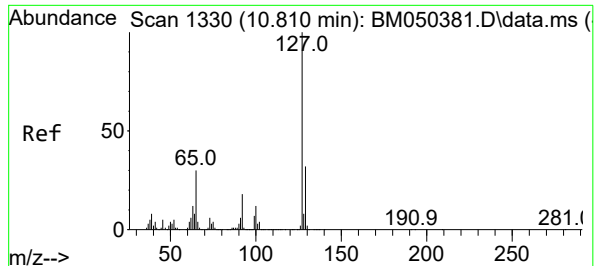
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#32
Benzoic acid
Concen: 36.793 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

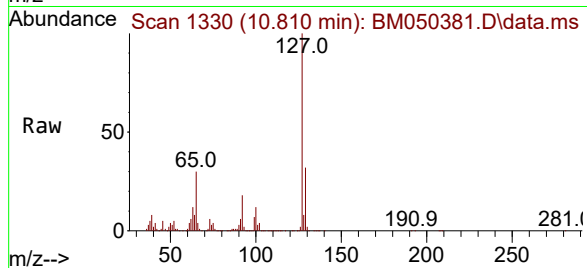
Tgt Ion:122 Resp: 491059
Ion Ratio Lower Upper
122 100
105 124.0 104.0 144.0
77 93.8 73.8 113.8





#33
4-Chloroaniline
Concen: 39.947 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

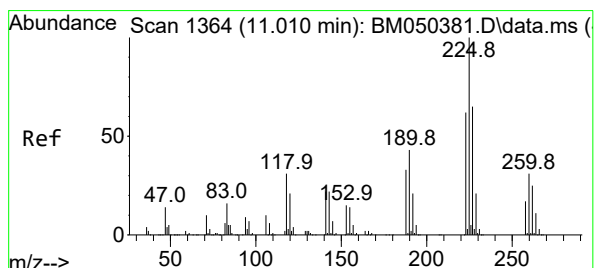
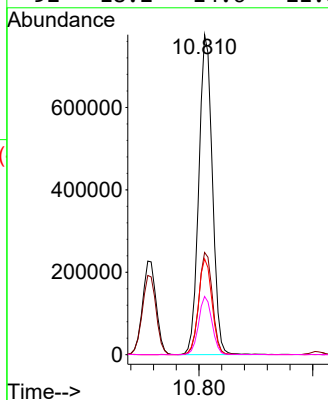
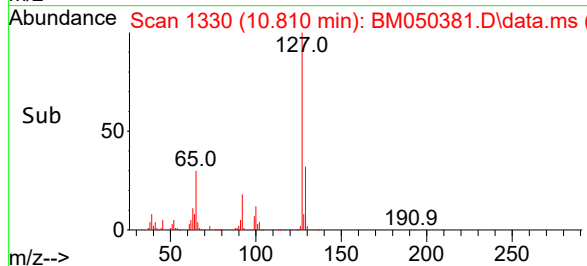
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 1285220
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 29.9 23.9 35.9
92 18.2 14.6 21.8

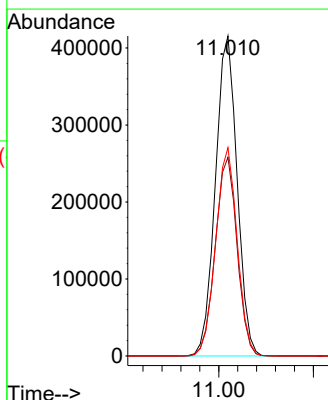
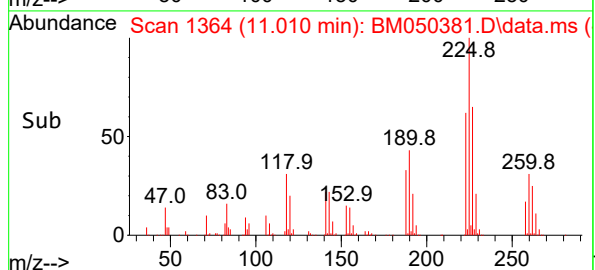
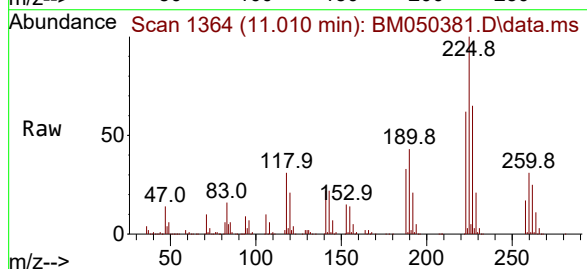
Manual Integrations
APPROVED

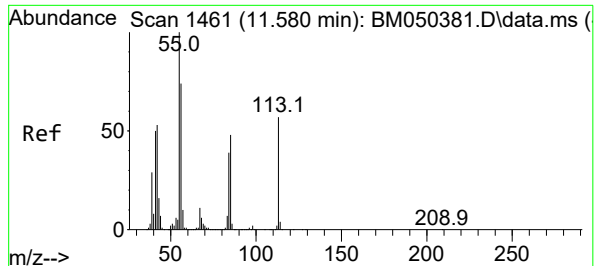
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#34
Hexachlorobutadiene
Concen: 38.844 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

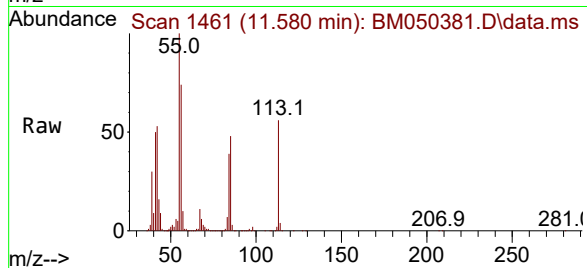
Tgt Ion:225 Resp: 662229
Ion Ratio Lower Upper
225 100
223 62.1 49.7 74.5
227 65.1 52.1 78.1





#35
Caprolactam
Concen: 40.791 ng
RT: 11.580 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

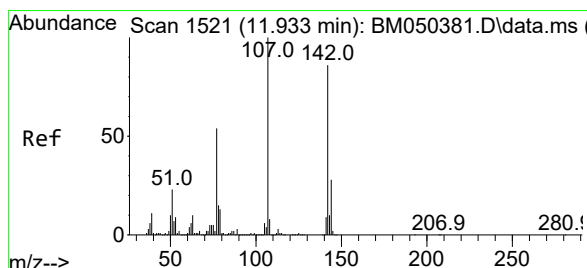
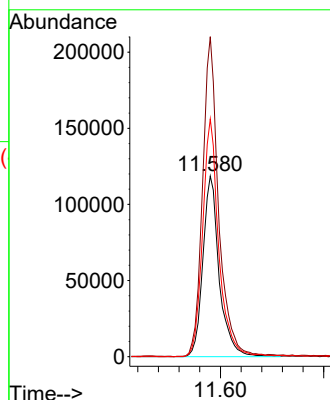
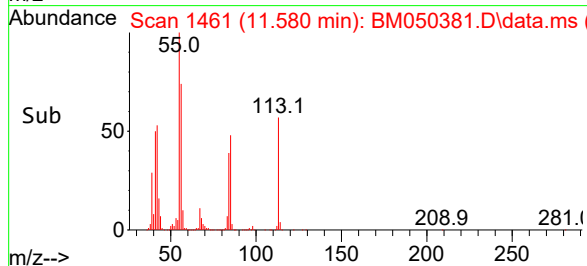
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 260010
Ion Ratio Lower Upper
113 100
55 177.2 157.2 197.2
56 131.7 111.7 151.7

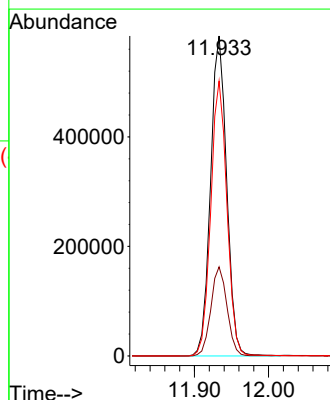
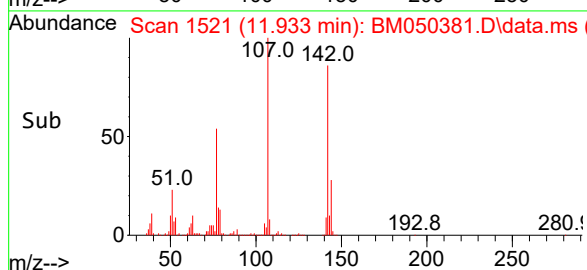
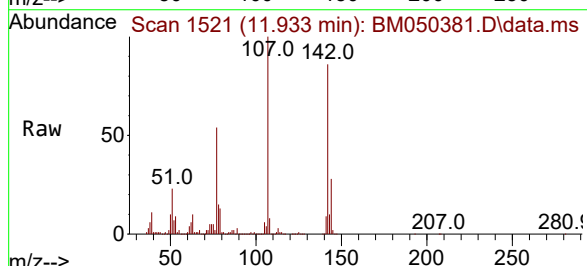
Manual Integrations
APPROVED

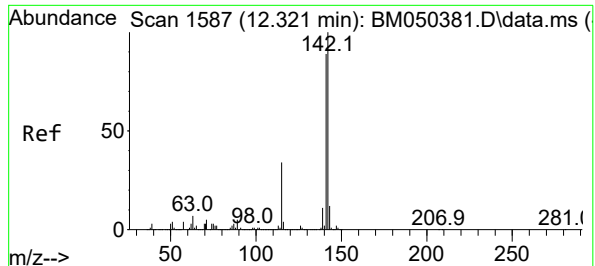
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#36
4-Chloro-3-methylphenol
Concen: 40.538 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

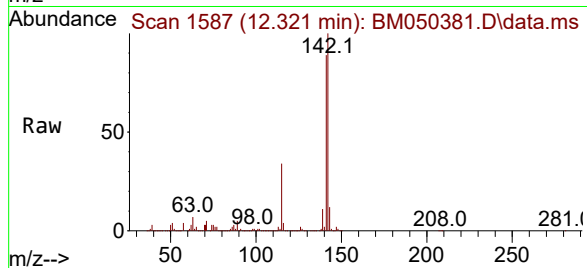
Tgt Ion:107 Resp: 883903
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 85.9 68.7 103.1





#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 12.321 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

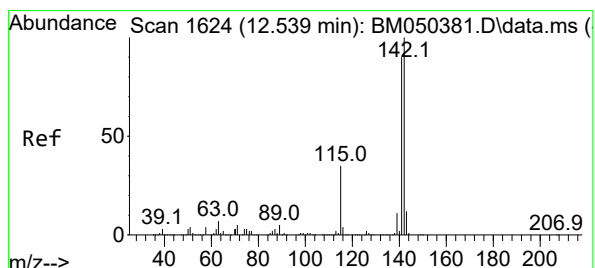
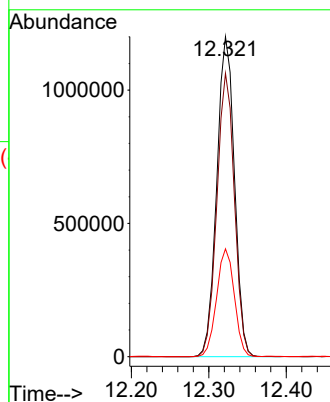
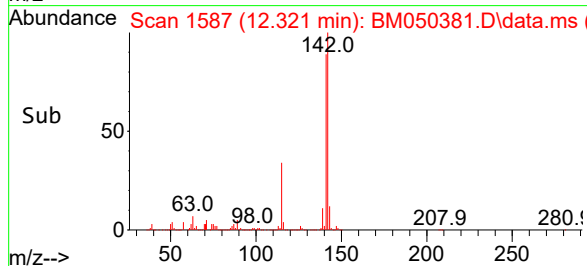
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



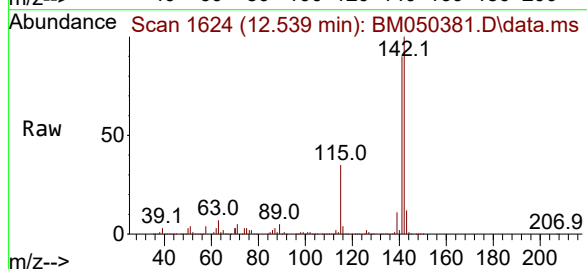
Tgt Ion:142 Resp: 1901700
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 33.7 27.0 40.4

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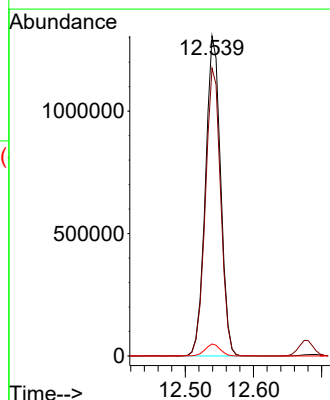
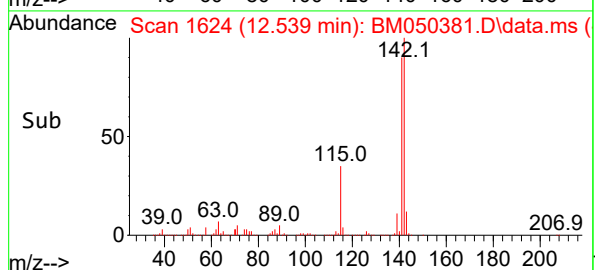
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

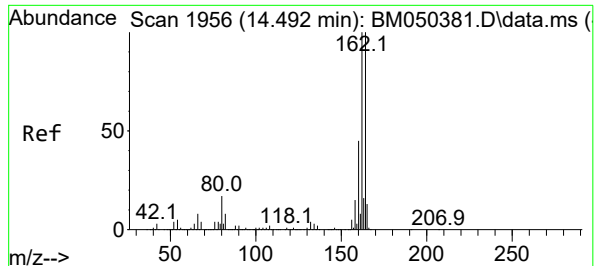


#38
1-Methylnaphthalene
Concen: 39.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20



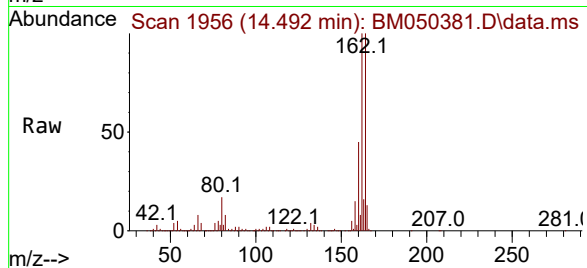
Tgt Ion:142 Resp: 2017118
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

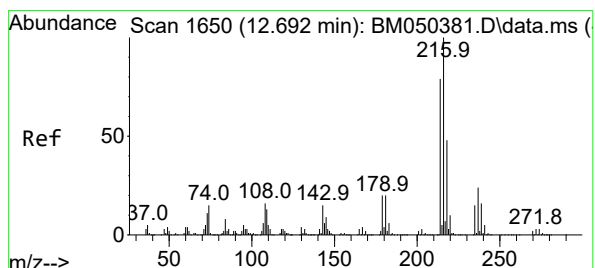
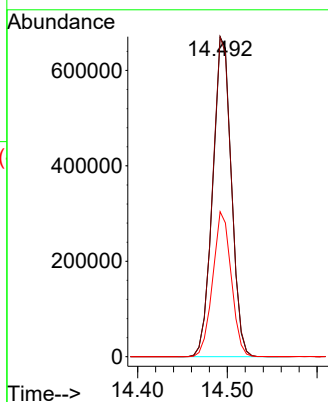
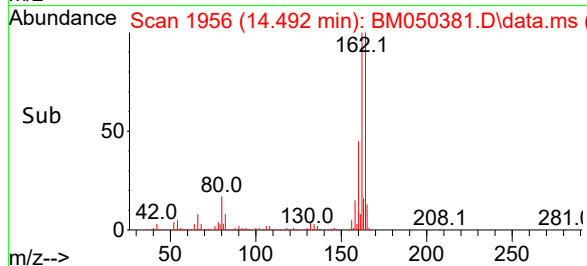
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 967077
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 45.3 36.2 54.4

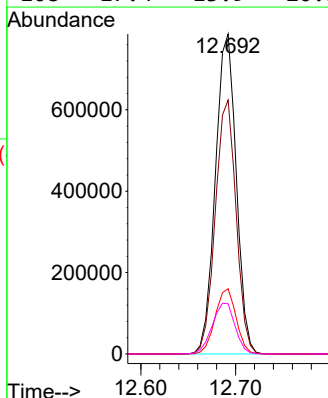
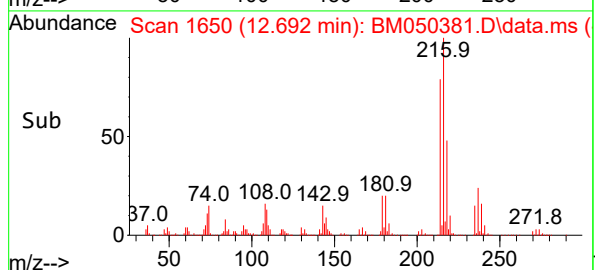
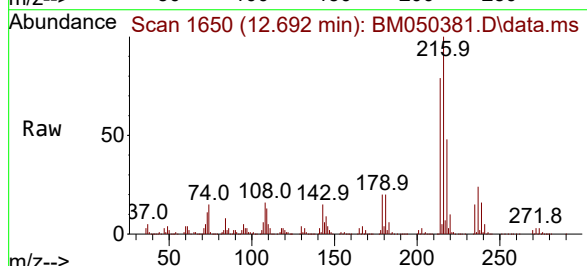
Manual Integrations
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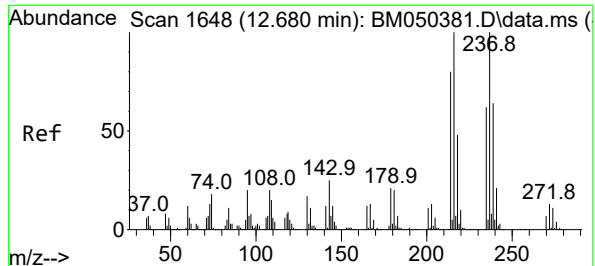
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.134 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

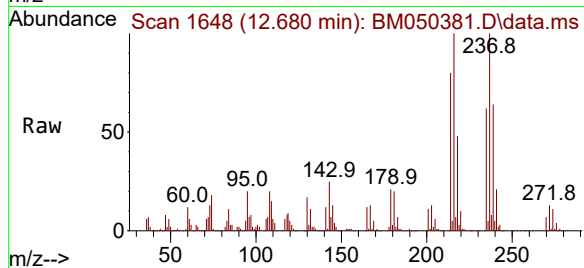
Tgt Ion:216 Resp: 1203524
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 20.5 16.4 24.6
108 17.4 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 12.680 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

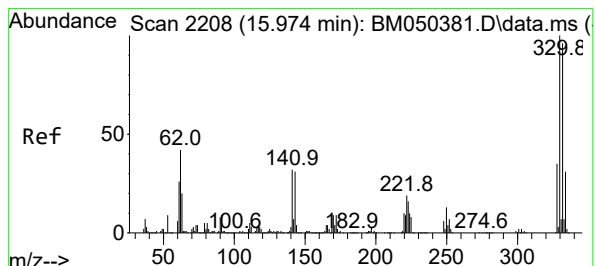
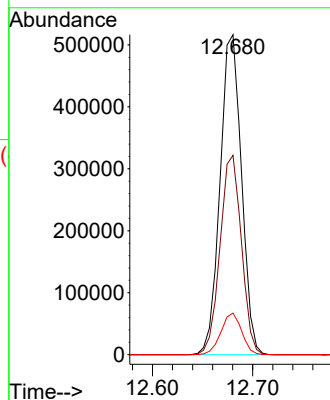
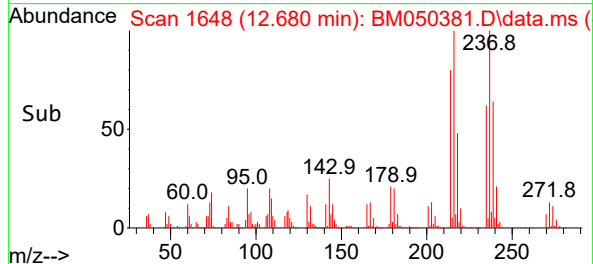
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 237 Resp: 765708
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.0 0.0 33.0

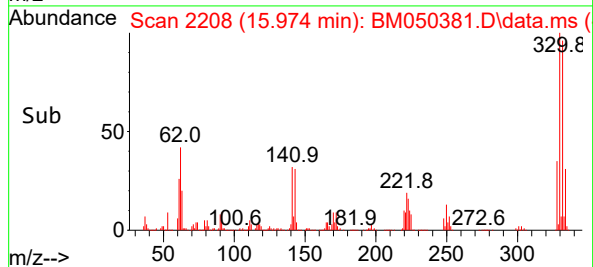
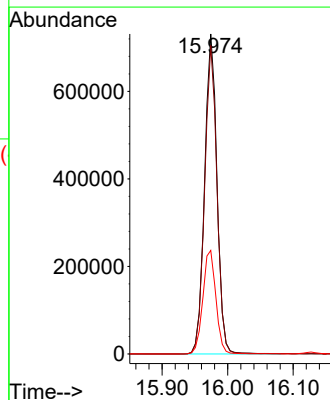
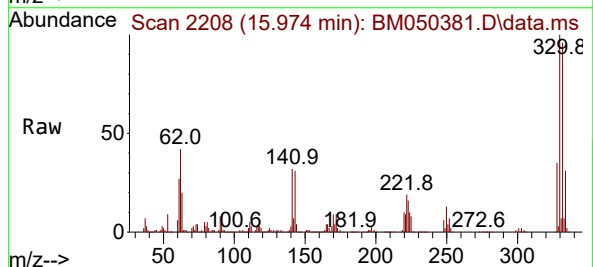
Manual Integrations
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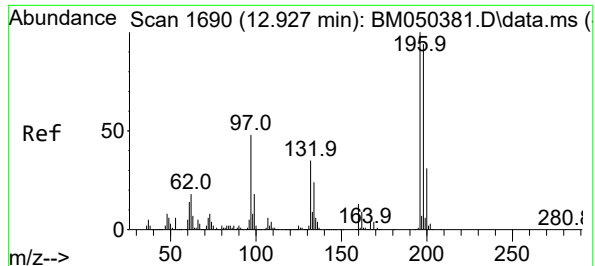
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#42
2,4,6-Tribromophenol
Concen: 81.797 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

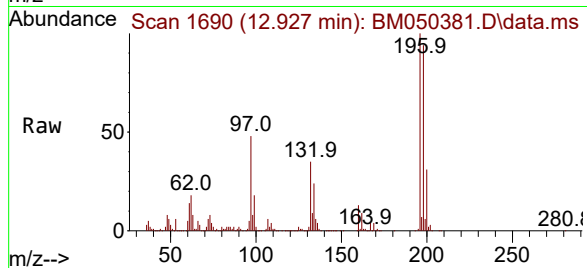
Tgt Ion: 330 Resp: 961125
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 34.2 27.4 41.0





#43
2,4,6-Trichlorophenol
Concen: 40.252 ng
RT: 12.927 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

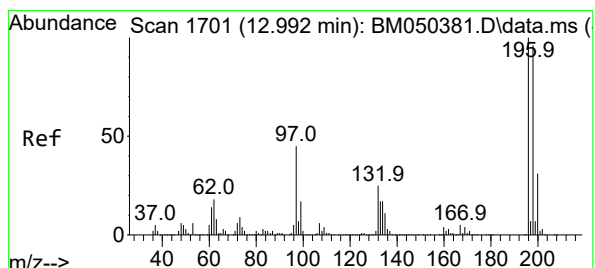
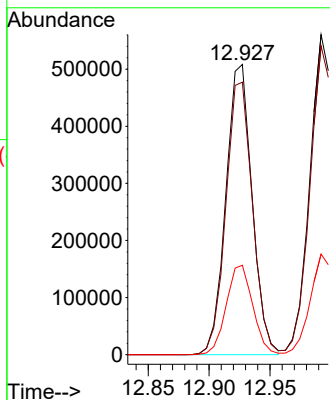
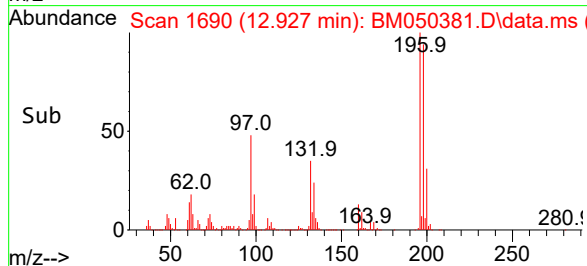
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 76198
Ion Ratio Lower Upper
196 100
198 93.9 75.1 112.7
200 30.8 24.6 37.0

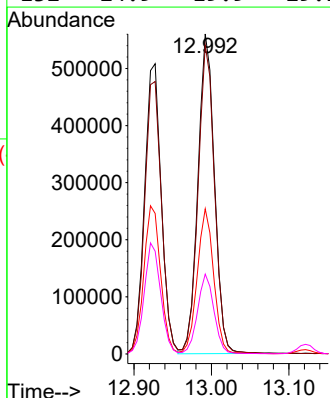
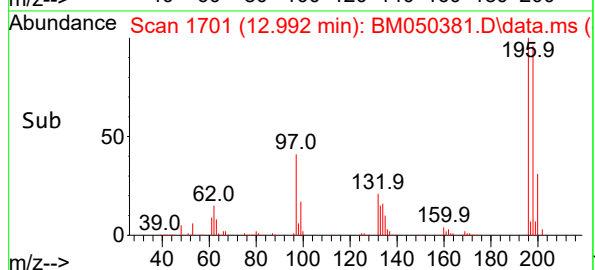
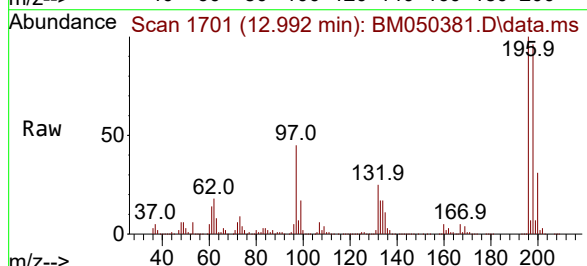
Manual Integrations
APPROVED

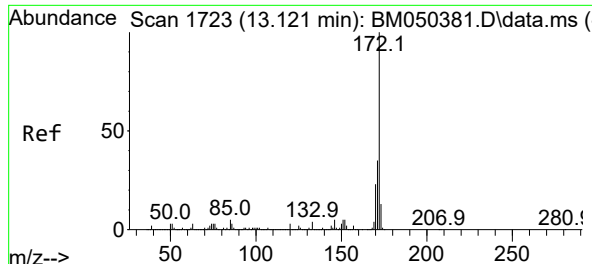
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#44
2,4,5-Trichlorophenol
Concen: 40.202 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

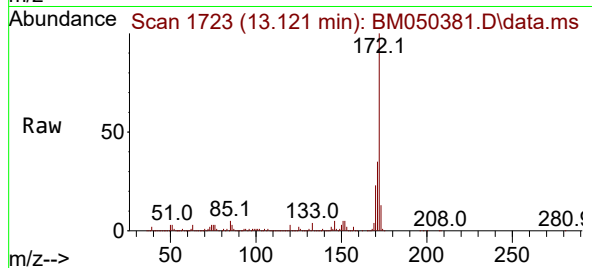
Tgt Ion:196 Resp: 831142
Ion Ratio Lower Upper
196 100
198 96.5 77.2 115.8
97 45.3 36.2 54.4
132 24.9 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

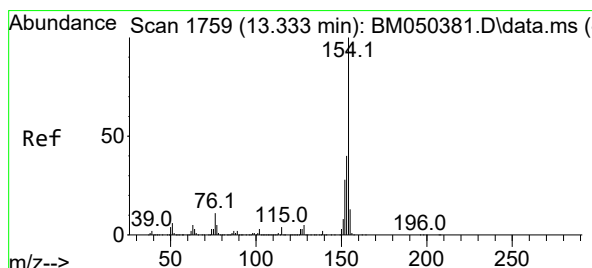
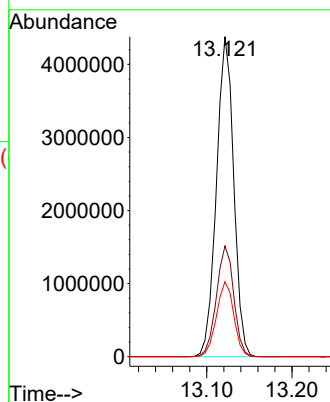
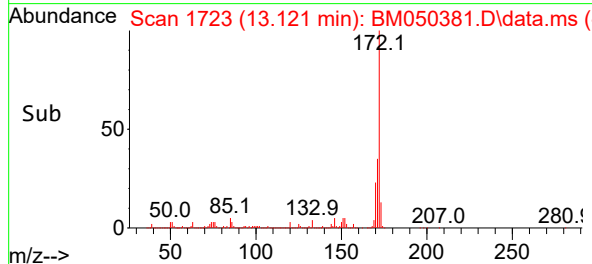
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 6157884
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 23.5 18.8 28.2

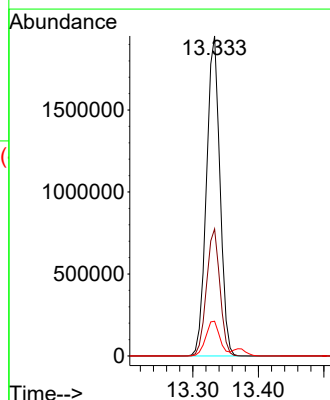
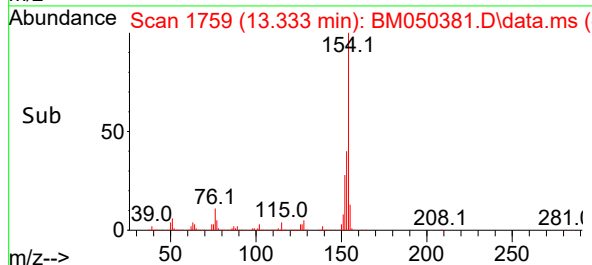
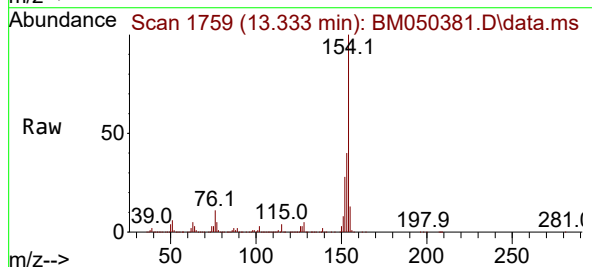
Manual Integrations
APPROVED

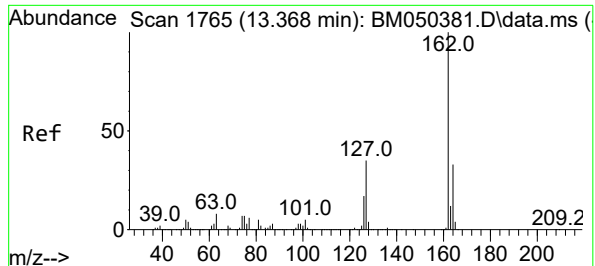
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#46
1,1'-Biphenyl
Concen: 38.832 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

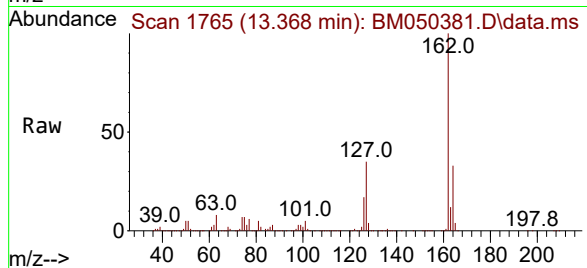
Tgt Ion:154 Resp: 2786215
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 10.9 0.0 30.9





#47
2-Chloronaphthalene
Concen: 38.889 ng
RT: 13.368 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

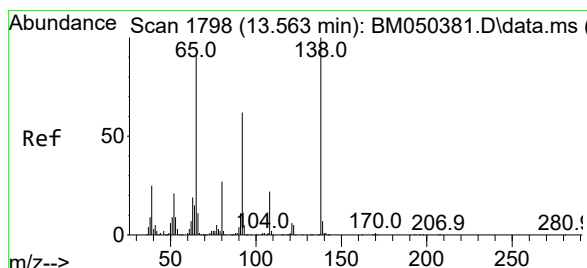
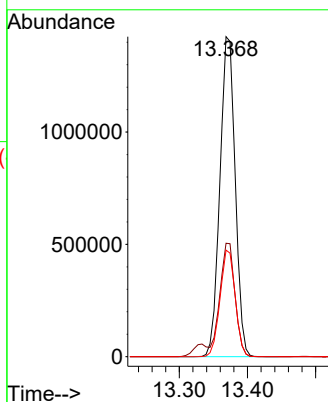
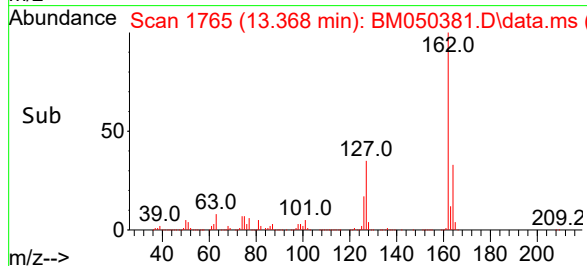
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 222472
Ion Ratio Lower Upper
162 100
127 35.4 28.3 42.5
164 33.3 26.6 40.0

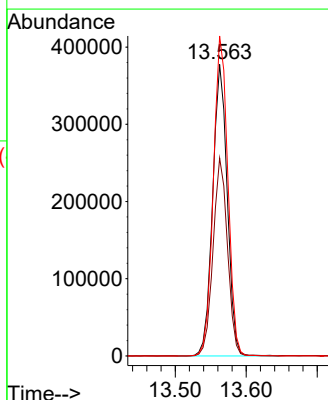
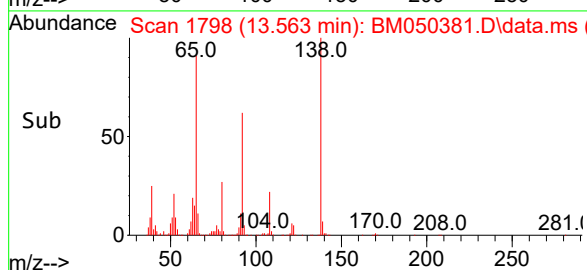
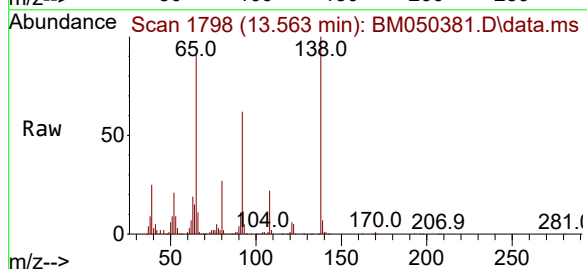
Manual Integrations
APPROVED

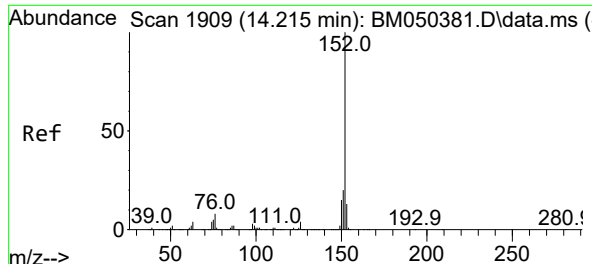
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#48
2-Nitroaniline
Concen: 42.165 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

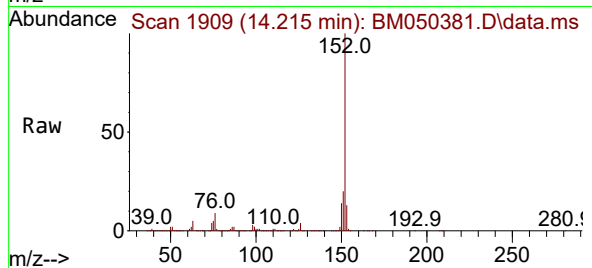
Tgt Ion: 65 Resp: 538415
Ion Ratio Lower Upper
65 100
92 67.9 54.3 81.5
138 109.7 87.8 131.6





#49
Acenaphthylene
Concen: 39.714 ng
RT: 14.215 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

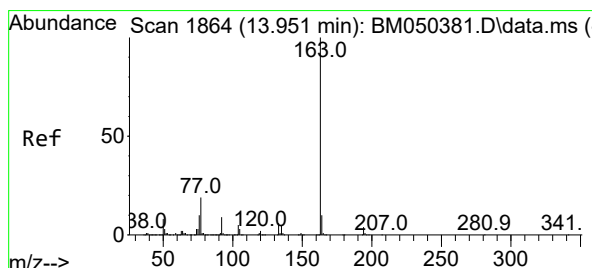
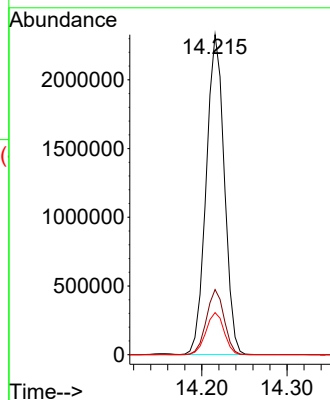
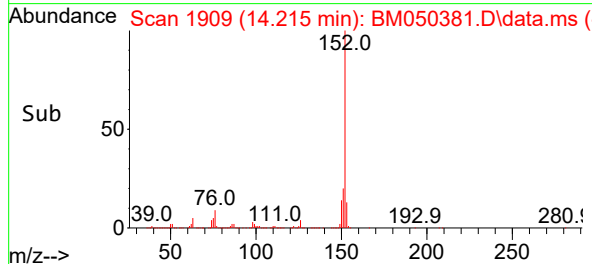
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 3433580
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.6 15.8

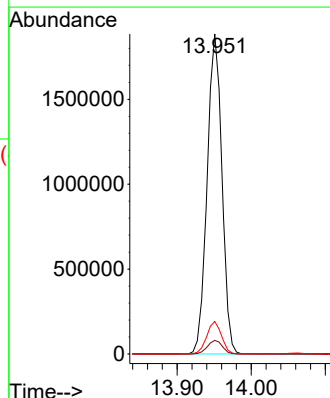
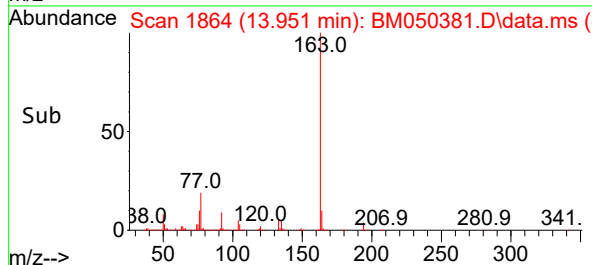
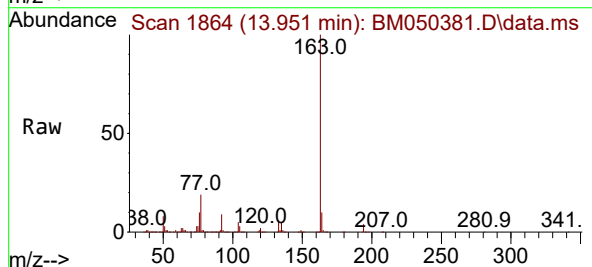
Manual Integrations
APPROVED

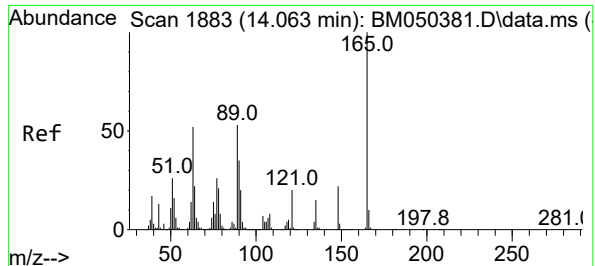
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#50
Dimethylphthalate
Concen: 39.248 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

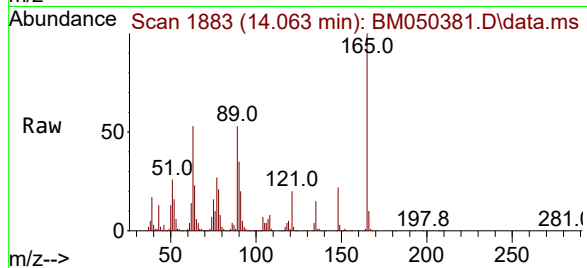
Tgt Ion:163 Resp: 2613190
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 41.362 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

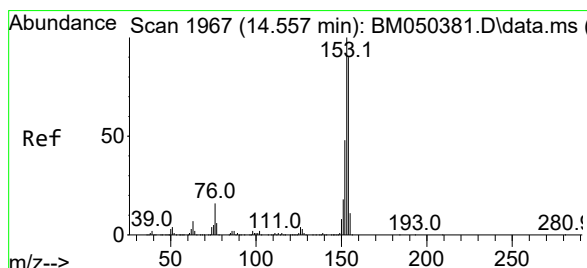
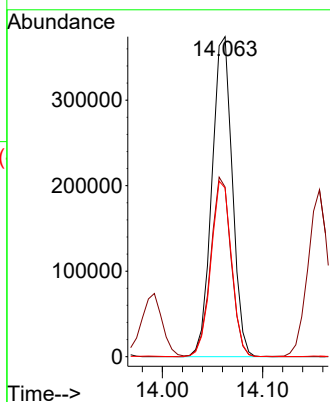
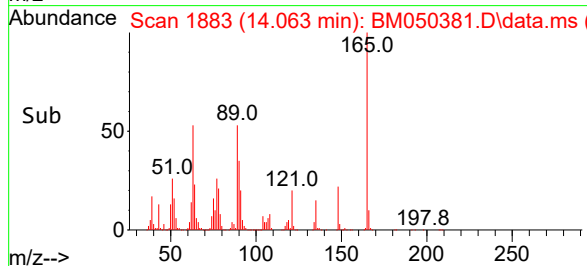
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 52876
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 52.7 42.2 63.2

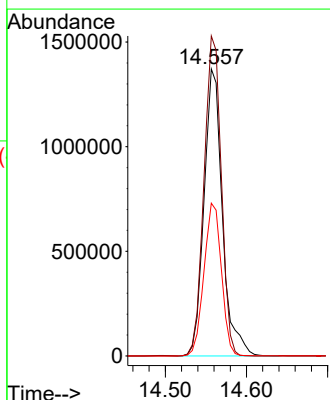
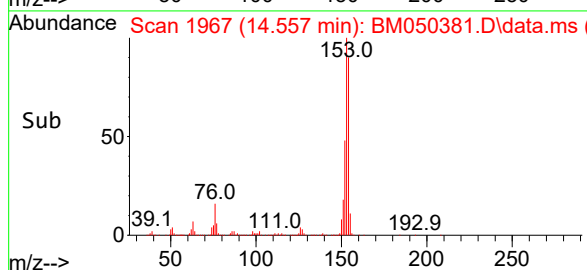
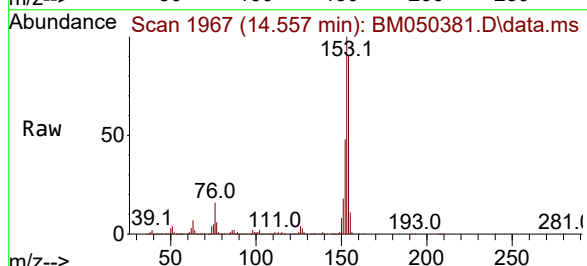
Manual Integrations
APPROVED

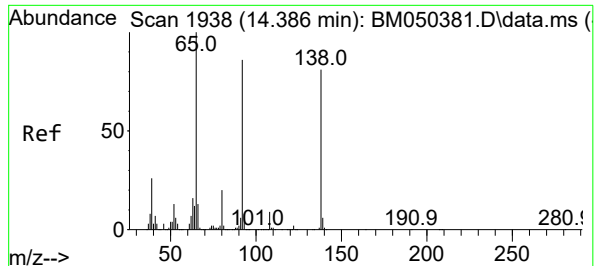
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#52
Acenaphthene
Concen: 39.080 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

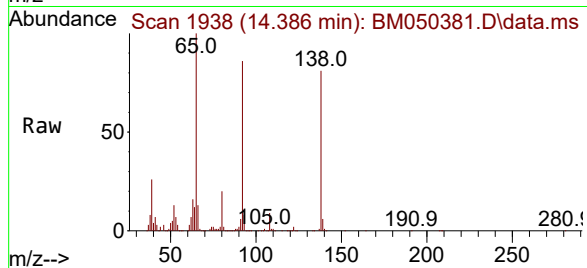
Tgt Ion:154 Resp: 2148079
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 41.832 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

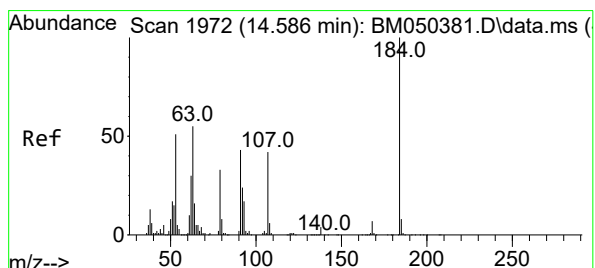
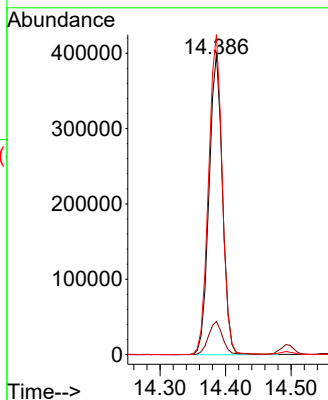
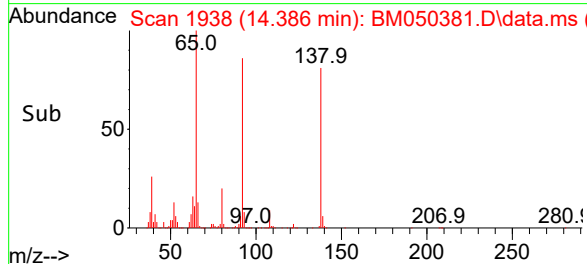
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 568710
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 106.3 85.0 127.6

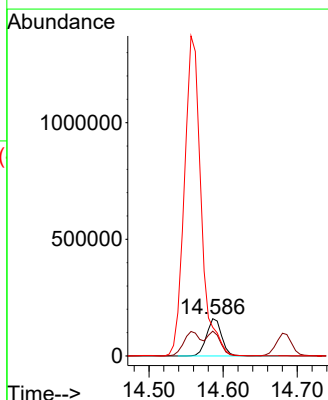
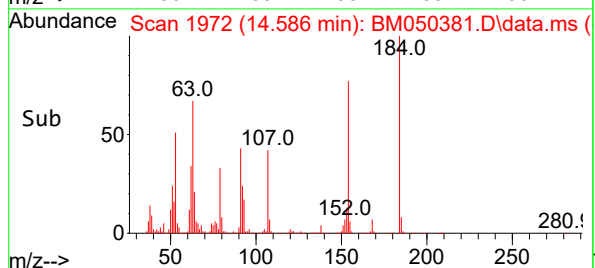
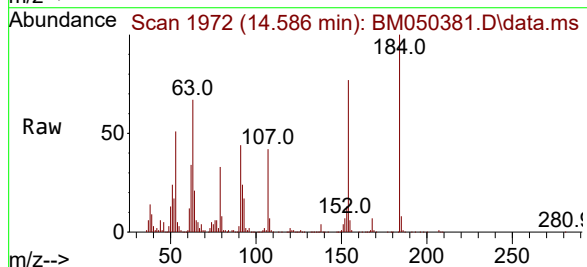
Manual Integrations
APPROVED

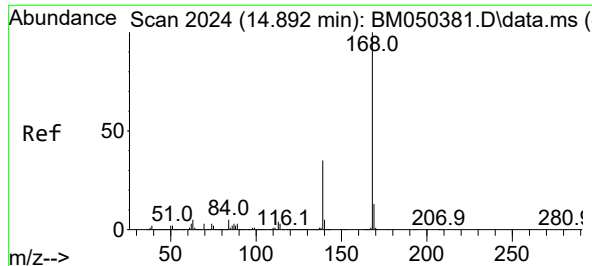
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#54
2,4-Dinitrophenol
Concen: 35.873 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

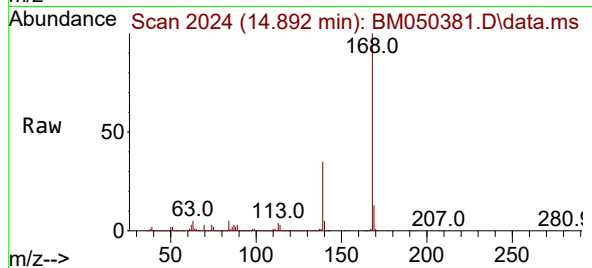
Tgt Ion:184 Resp: 225952
Ion Ratio Lower Upper
184 100
63 66.7 53.4 80.0
154 77.0 61.6 92.4





#55
Dibenzenofuran
Concen: 39.024 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

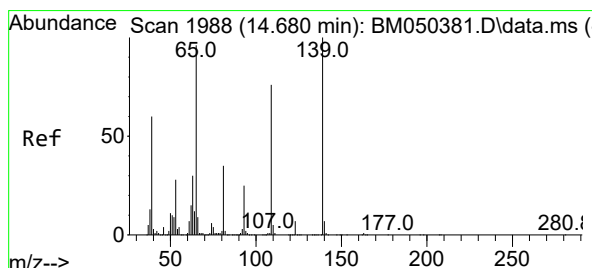
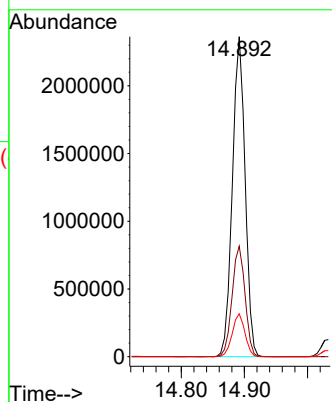
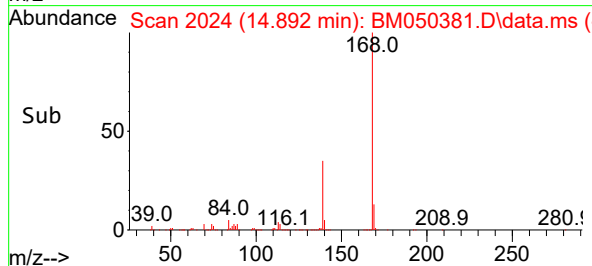
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



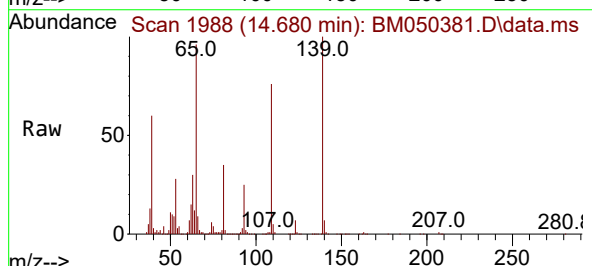
Tgt Ion:168 Resp: 3305040
Ion Ratio Lower Upper
168 100
139 34.6 27.7 41.5
169 13.4 10.7 16.1

Manual Integrations
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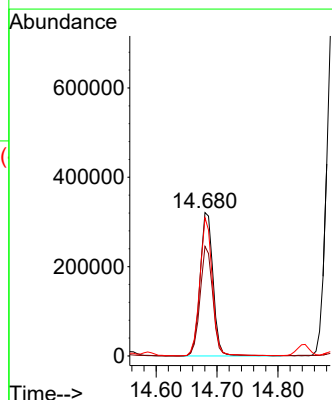
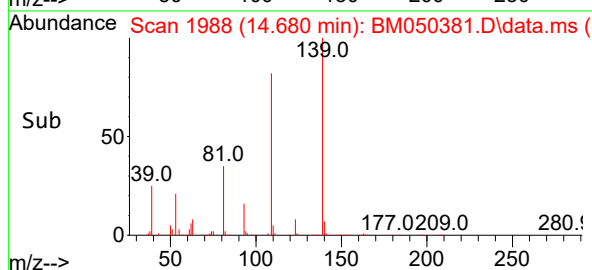
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

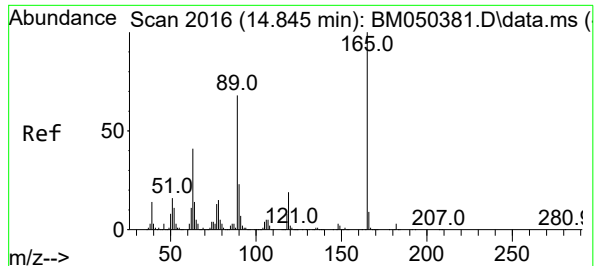


#56
4-Nitrophenol
Concen: 40.504 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20



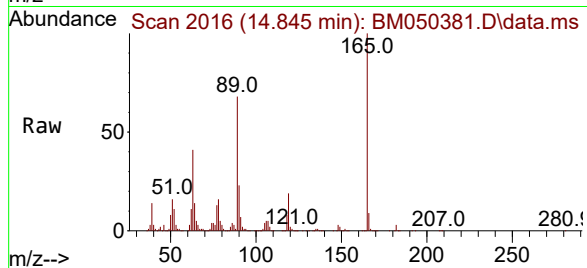
Tgt Ion:139 Resp: 473550
Ion Ratio Lower Upper
139 100
109 76.5 56.5 96.5
65 96.4 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 38.104 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

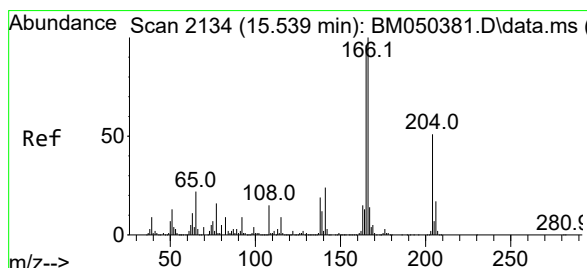
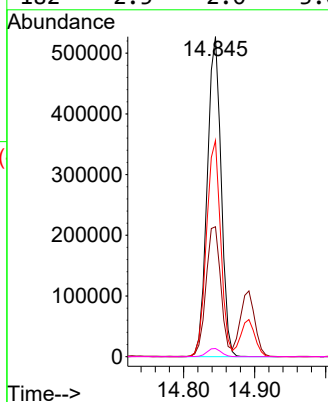
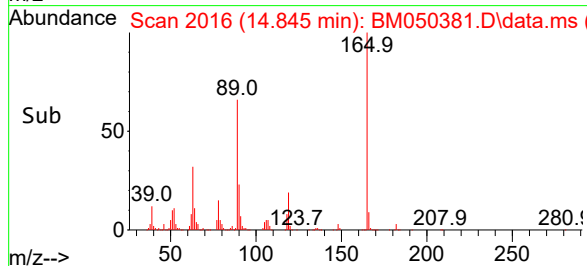
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



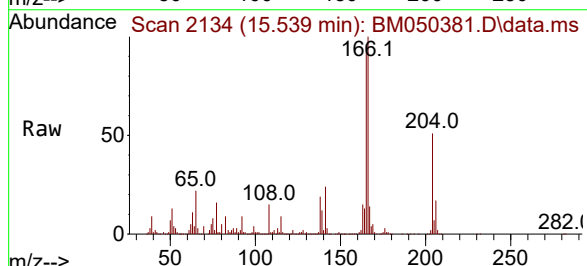
Tgt Ion:165 Resp: 71780
Ion Ratio Lower Upper
165 100
63 40.6 32.5 48.7
89 67.5 54.0 81.0
182 2.5 2.0 3.0

Manual Integrations
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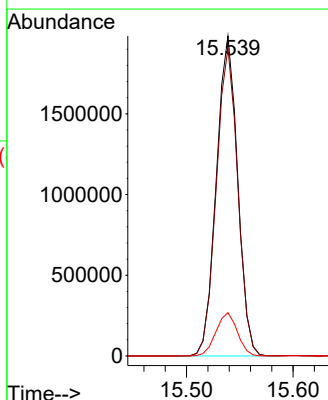
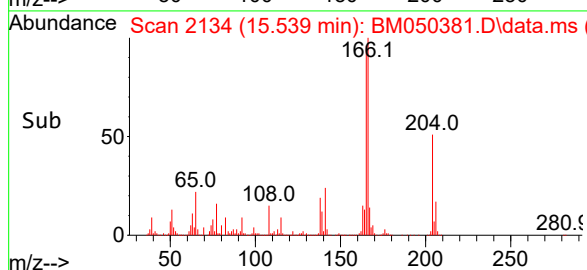
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

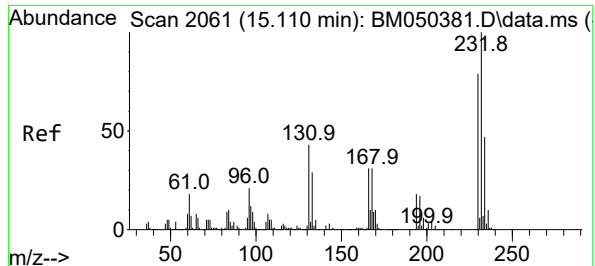


#58
Fluorene
Concen: 39.349 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20



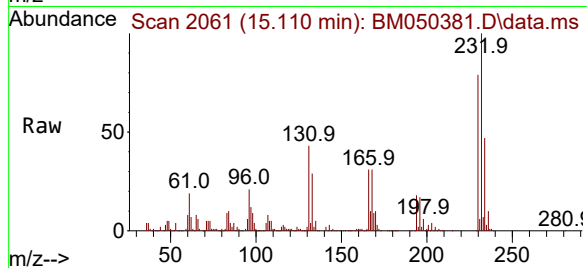
Tgt Ion:166 Resp: 2744882
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.512 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

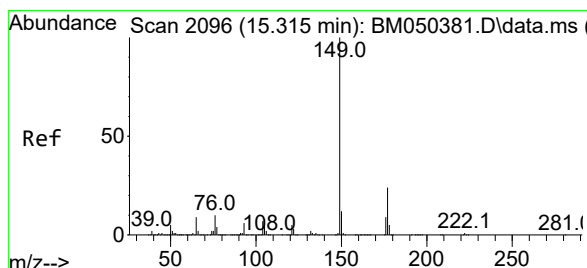
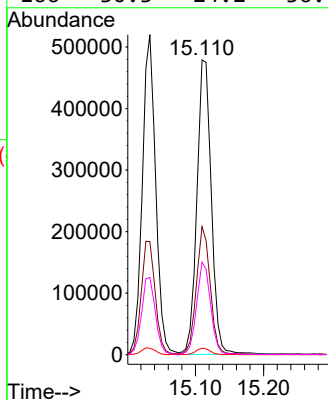
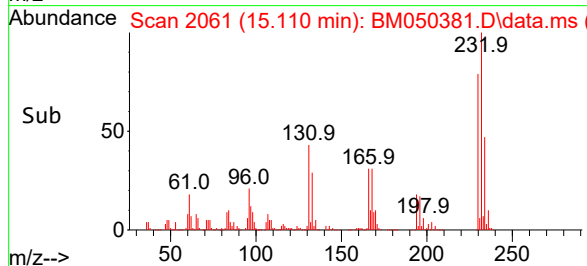
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 70504
Ion Ratio Lower Upper
232 100
131 41.7 33.4 50.0
130 2.2 1.8 2.6
166 30.3 24.2 36.4

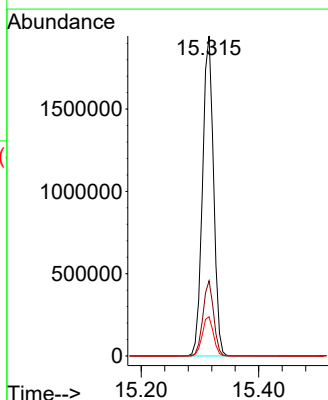
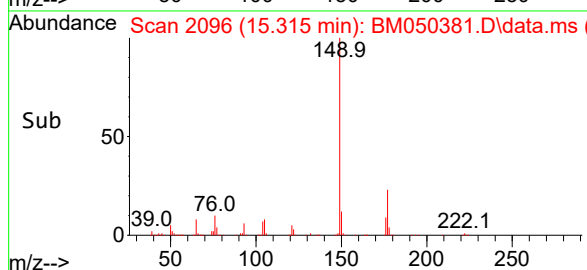
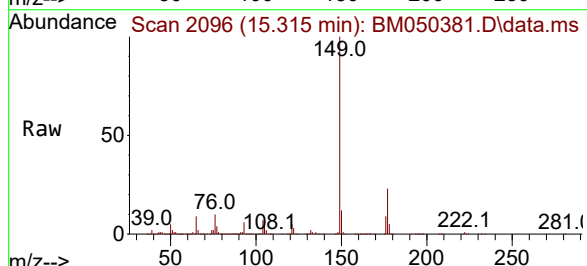
Manual Integrations
APPROVED

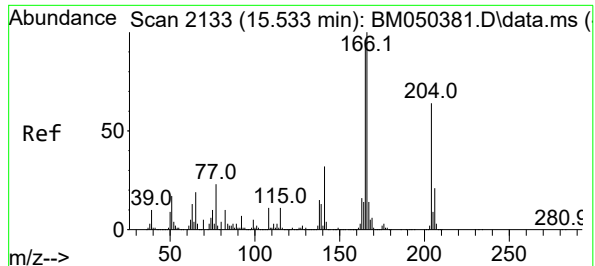
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#60
Diethylphthalate
Concen: 39.811 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

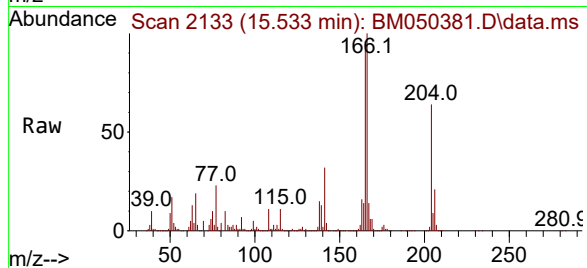
Tgt Ion:149 Resp: 2532007
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 39.586 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

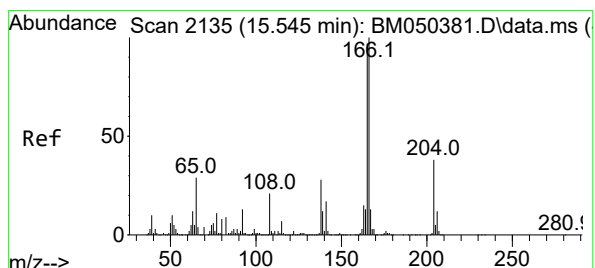
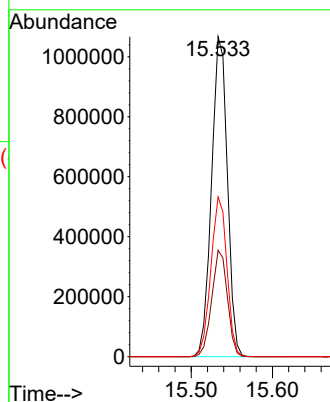
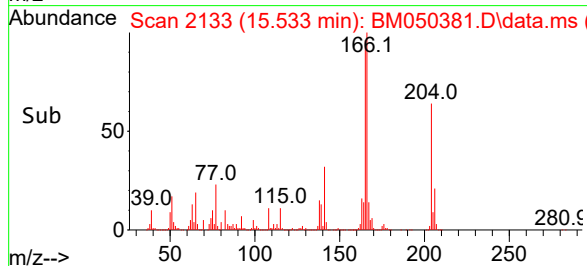
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 144393
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 49.9 39.9 59.9

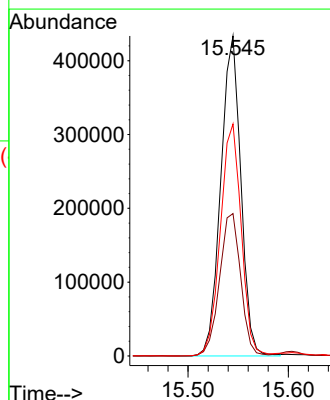
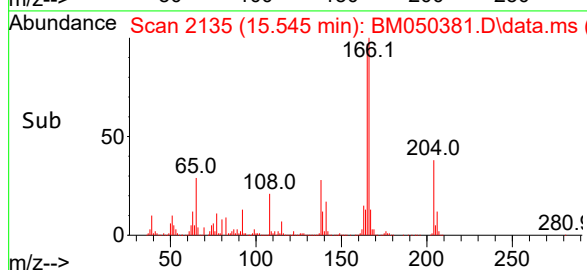
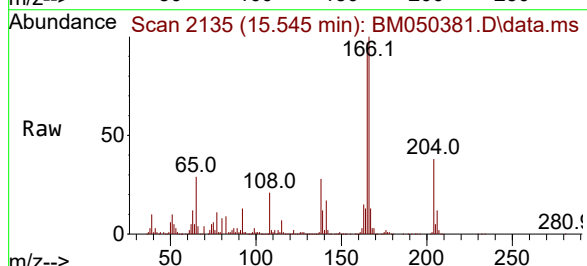
Manual Integrations
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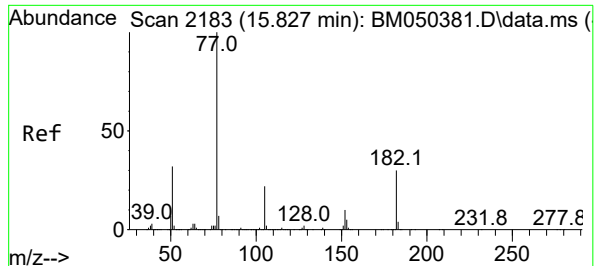
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

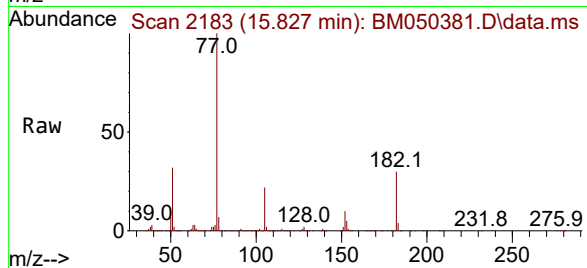
Tgt Ion:138 Resp: 602257
Ion Ratio Lower Upper
138 100
92 44.5 24.5 64.5
108 72.5 52.5 92.5





#63
Azobenzene
Concen: 40.021 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

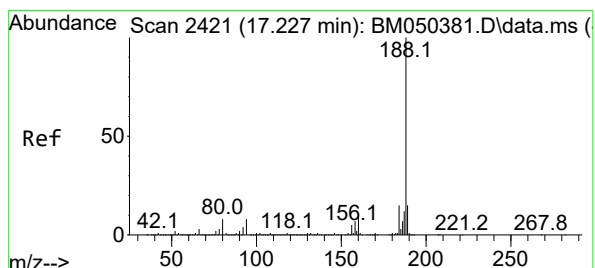
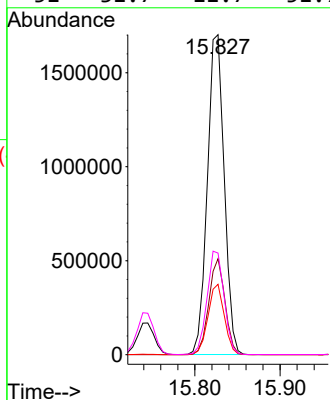
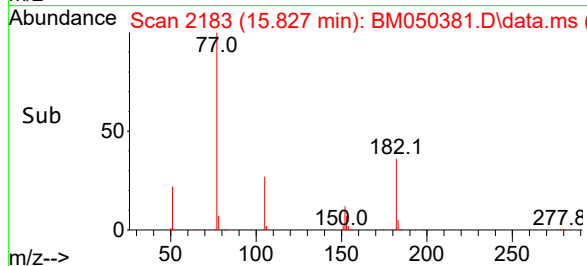
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 233729
Ion Ratio Lower Upper
77 100
182 30.0 10.0 50.0
105 22.0 2.0 42.0
51 31.7 11.7 51.7

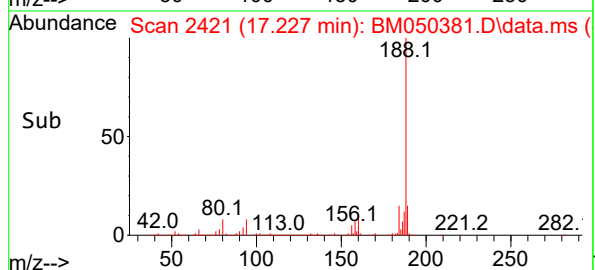
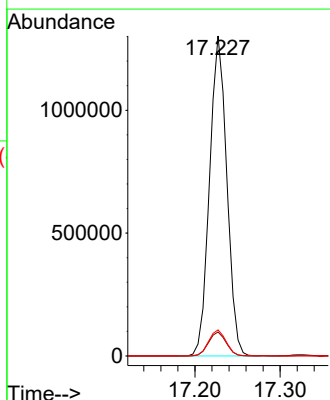
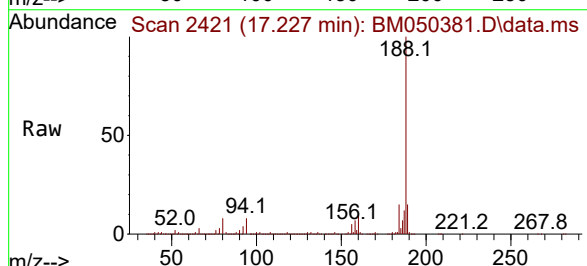
Manual Integrations
APPROVED

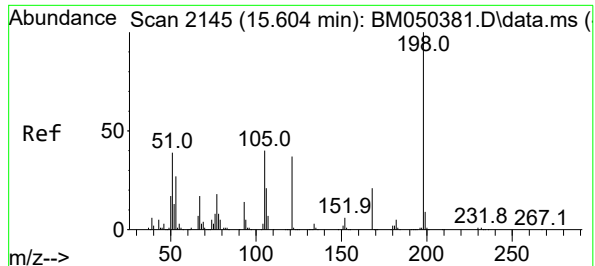
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:188 Resp: 1834050
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.1 6.5 9.7





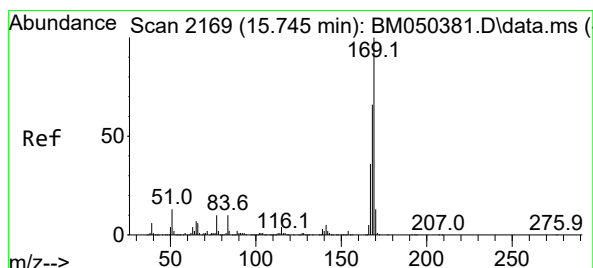
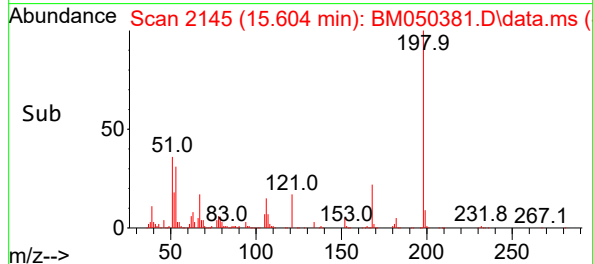
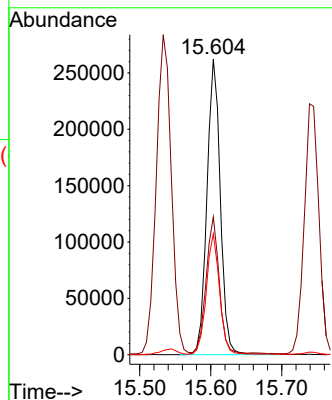
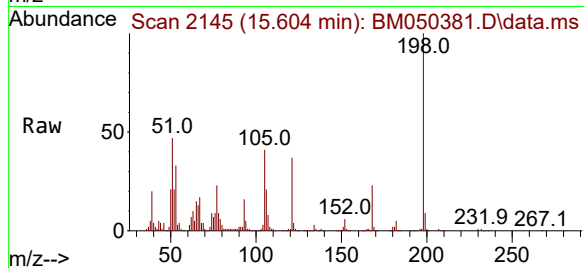
#65
4,6-Dinitro-2-methylphenol
Concen: 36.538 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 343240
Ion Ratio Lower Upper
198 100
51 46.6 26.6 66.6
105 40.9 20.9 60.9

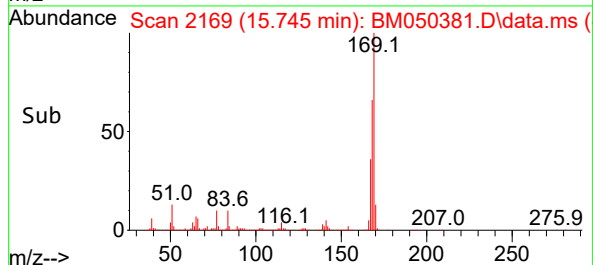
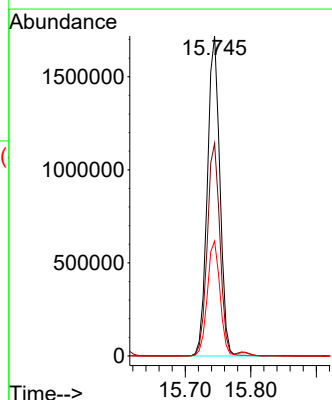
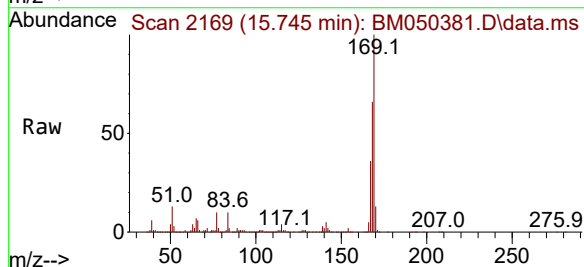
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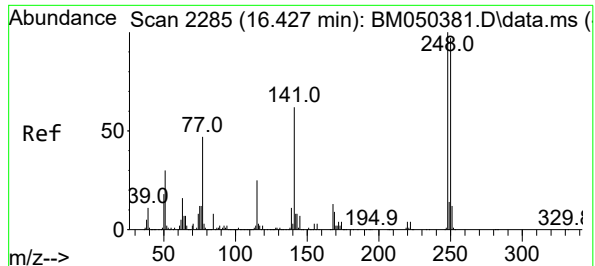
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:169 Resp: 2284645
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.7 43.1





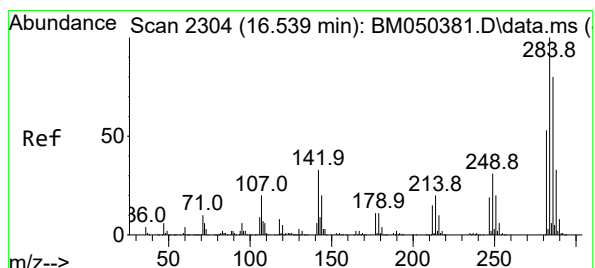
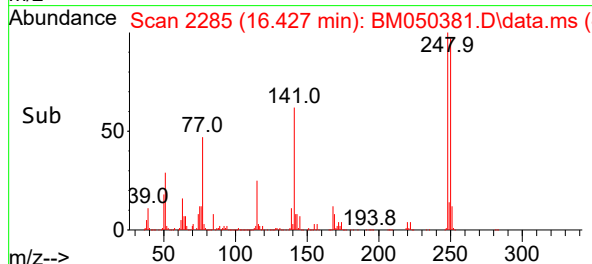
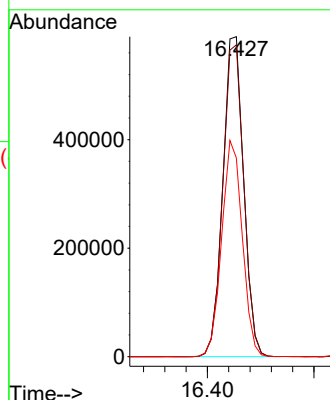
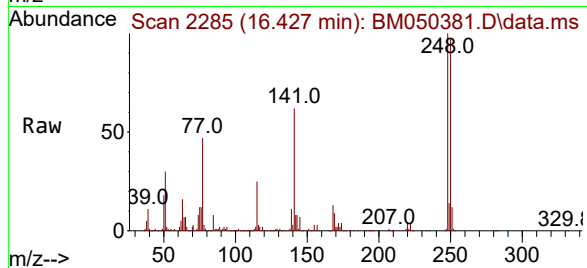
#67
4-Bromophenyl-phenylether
Concen: 39.504 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 79825
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 62.1 49.7 74.5

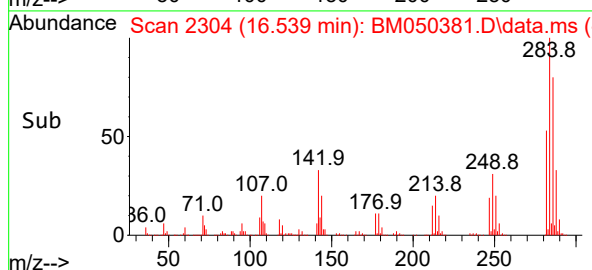
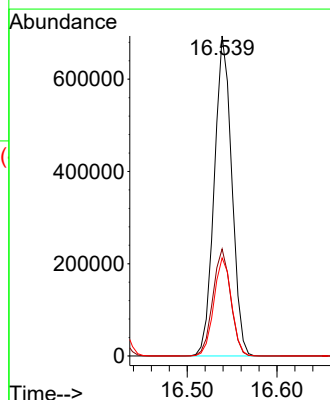
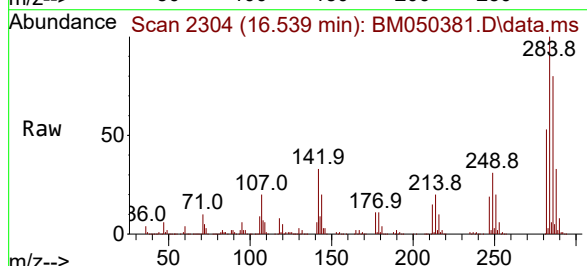
Manual Integrations
APPROVED

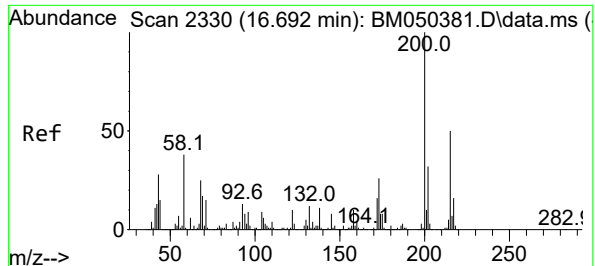
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#68
Hexachlorobenzene
Concen: 39.414 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

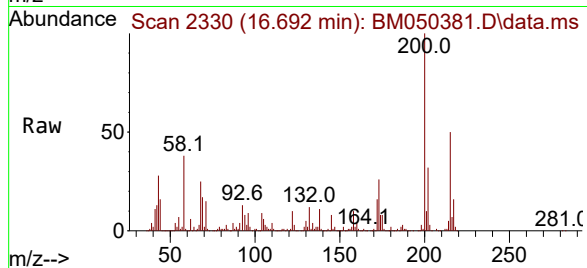
Tgt Ion:284 Resp: 940659
Ion Ratio Lower Upper
284 100
142 33.5 26.8 40.2
249 30.6 24.5 36.7





#69
Atrazine
Concen: 41.139 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

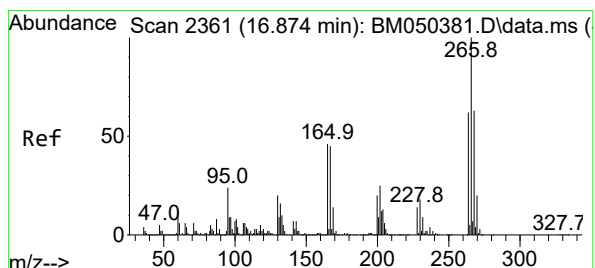
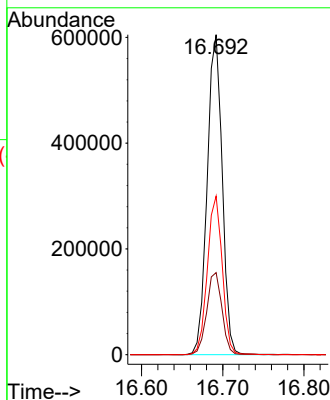
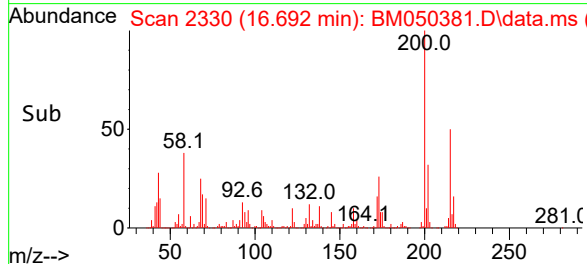
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 775270
Ion Ratio Lower Upper
200 100
173 25.6 5.6 45.6
215 49.6 29.6 69.6

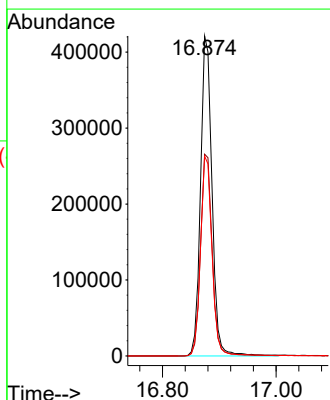
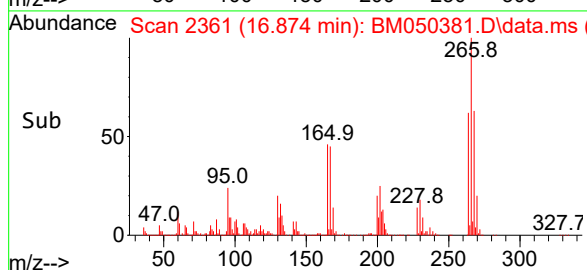
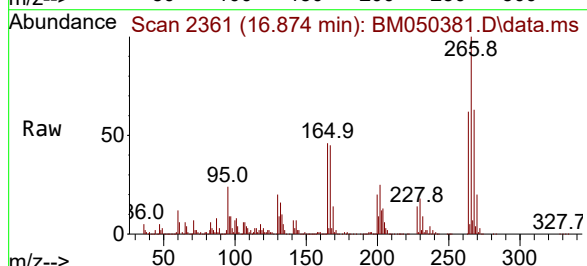
Manual Integrations
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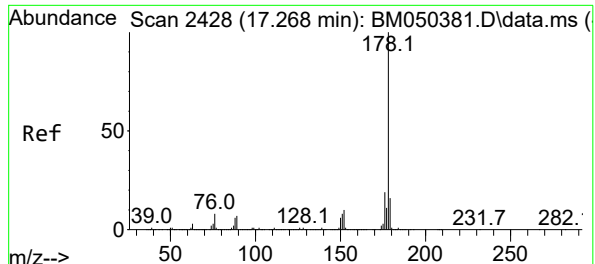
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#70
Pentachlorophenol
Concen: 39.717 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:266 Resp: 590077
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.4 49.9 74.9





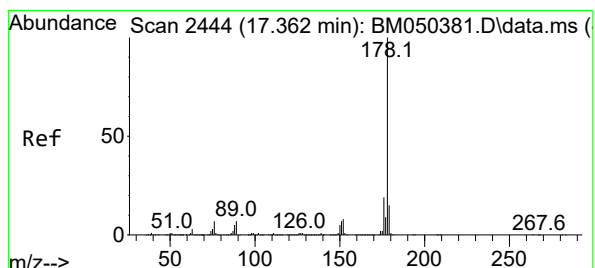
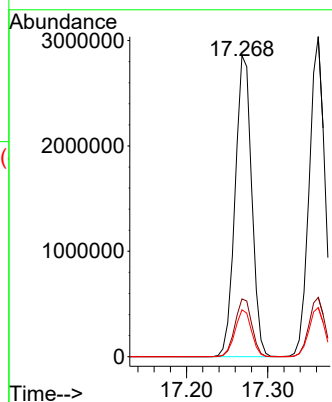
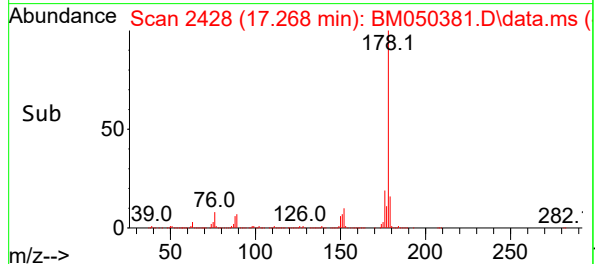
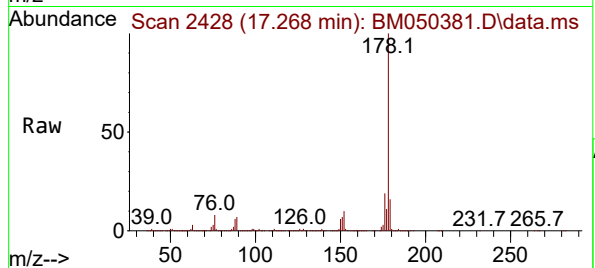
#71
Phenanthrene
Concen: 38.923 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 403945
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.6 12.5 18.7

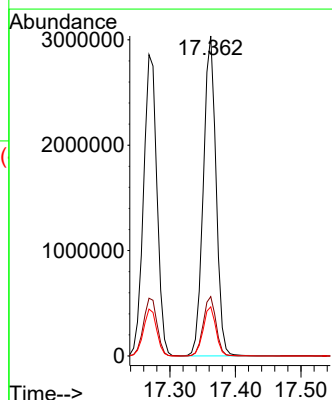
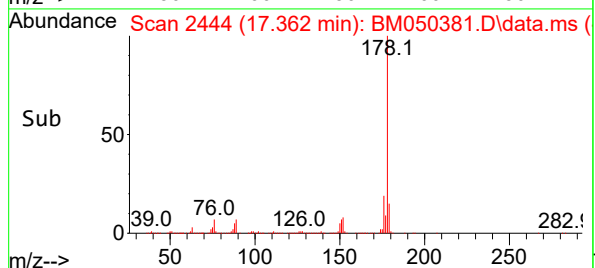
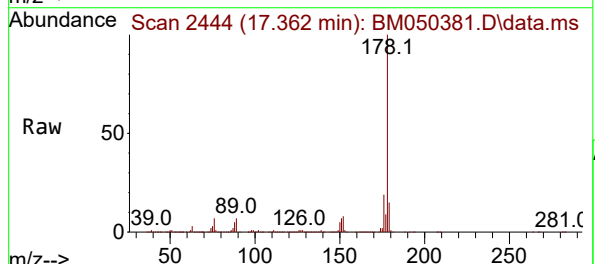
Manual Integrations
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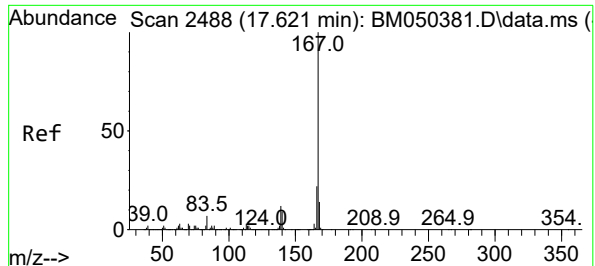
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#72
Anthracene
Concen: 39.646 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

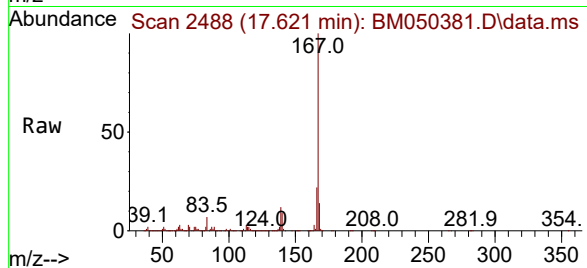
Tgt Ion:178 Resp: 4095570
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.3 12.2 18.4





#73
Carbazole
Concen: 39.632 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

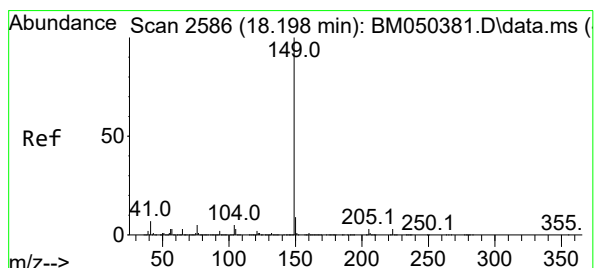
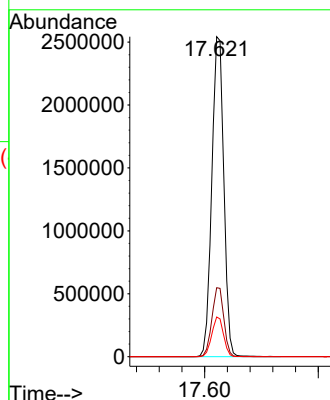
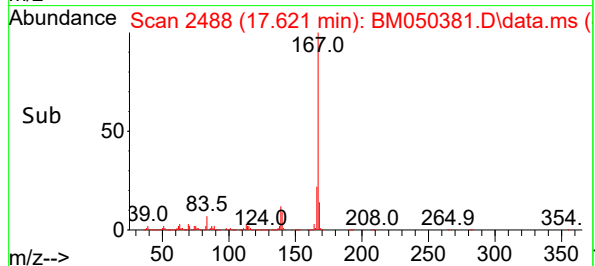
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 3704430
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9

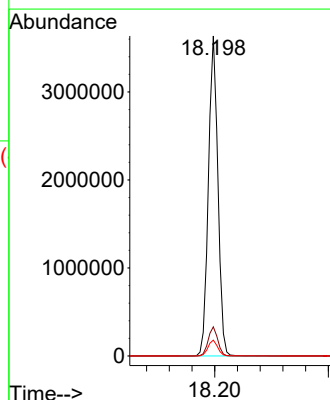
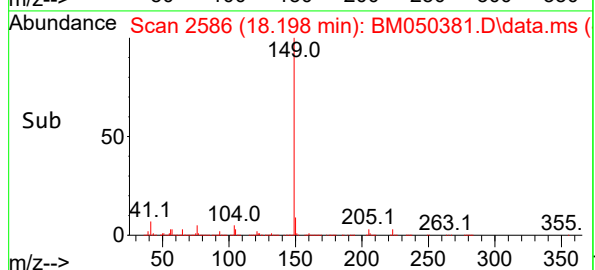
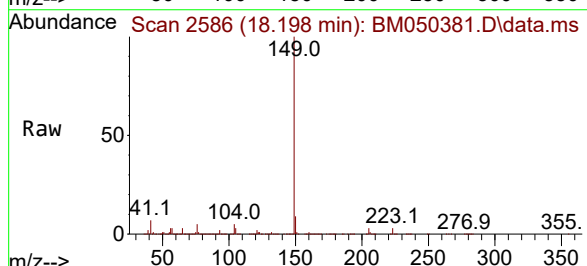
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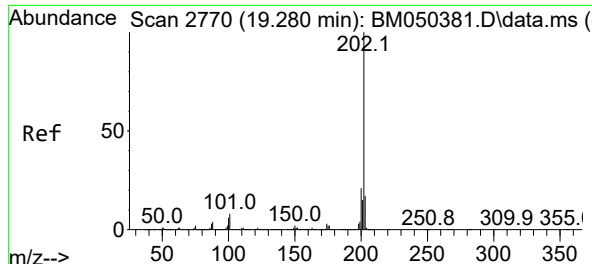
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#74
Di-n-butylphthalate
Concen: 40.890 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

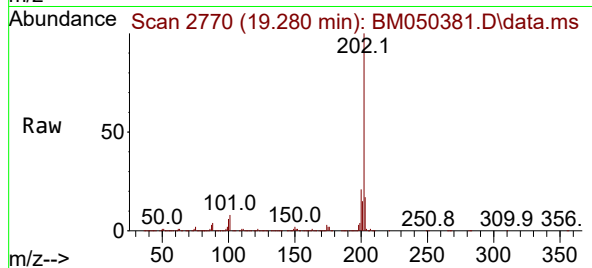
Tgt Ion:149 Resp: 4183360
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 40.085 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

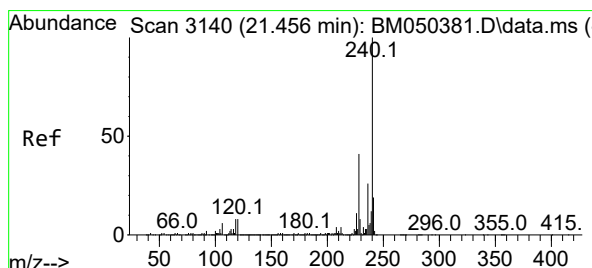
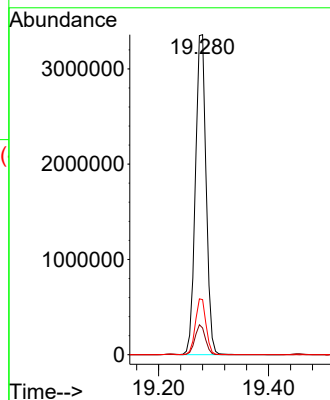
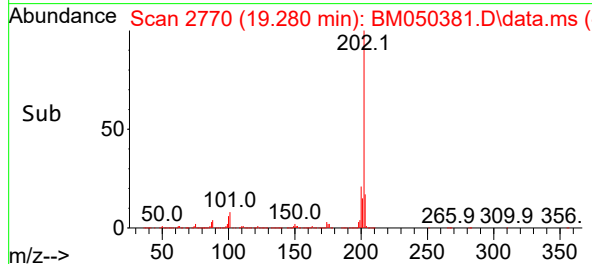
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 452240
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.2 0.0 37.2

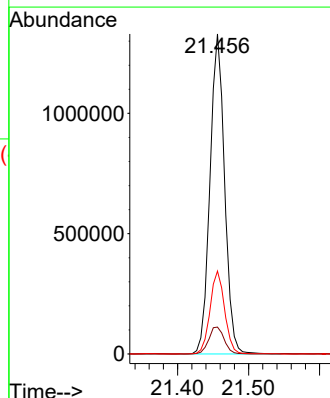
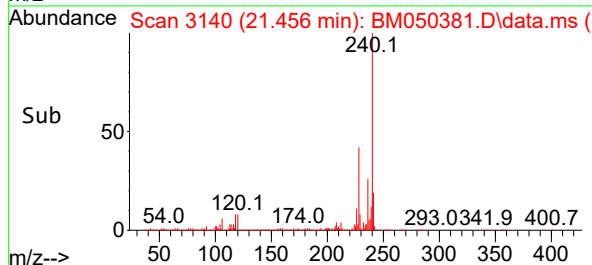
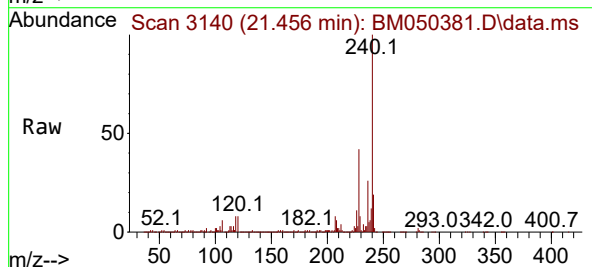
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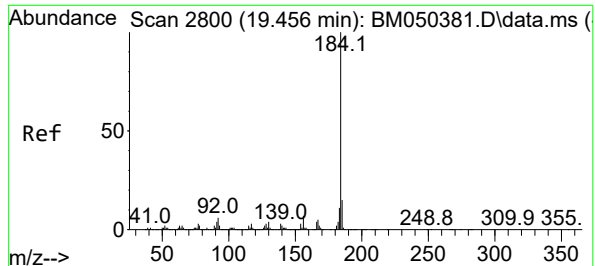
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

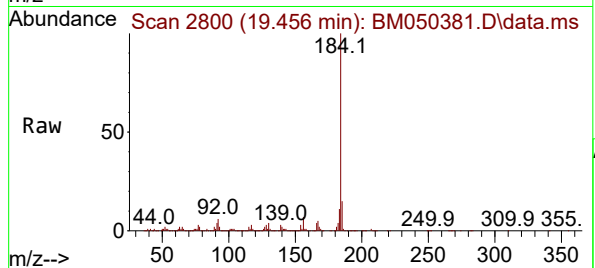
Tgt Ion:240 Resp: 1904004
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 25.9 20.7 31.1





#77
Benzidine
Concen: 43.341 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

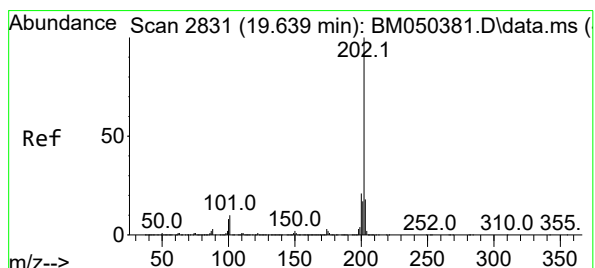
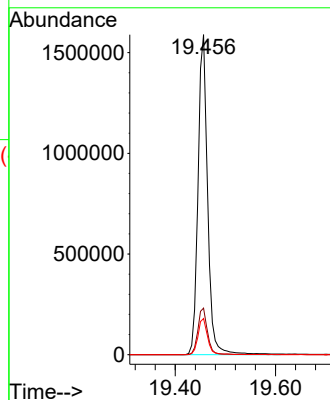
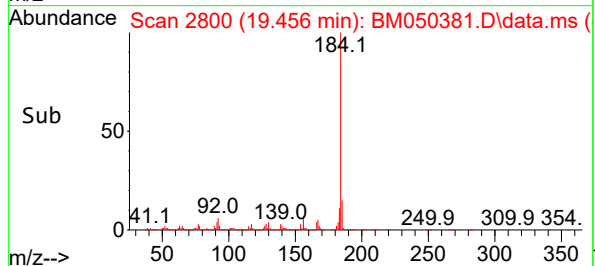
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 2104809
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.3 9.0 13.6

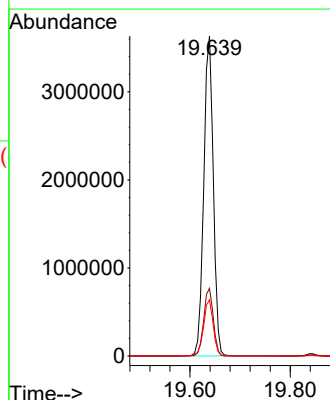
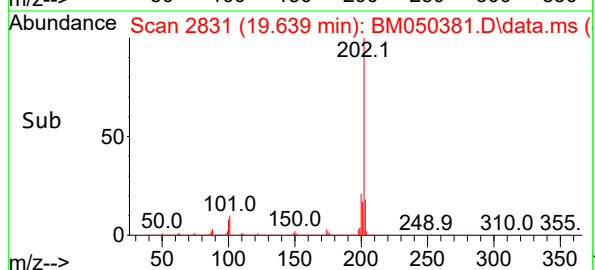
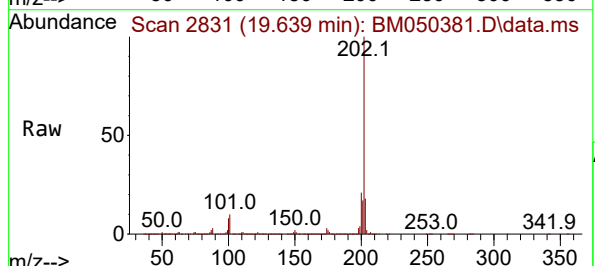
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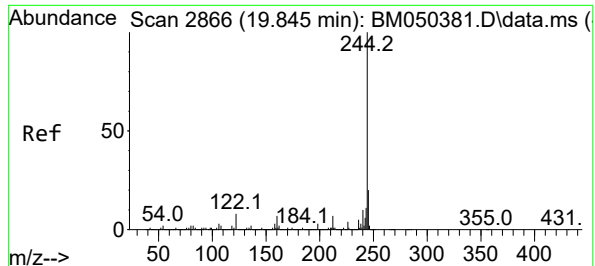
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#78
Pyrene
Concen: 39.352 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

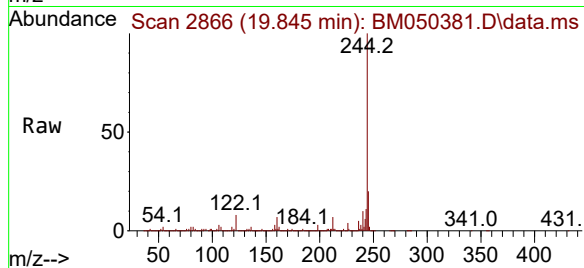
Tgt Ion:202 Resp: 4798678
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.1 21.1





#79
Terphenyl-d14
Concen: 88.568 ng
RT: 19.845 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

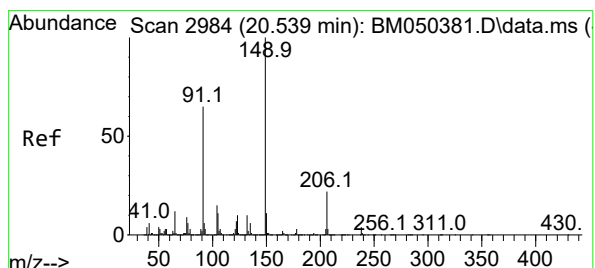
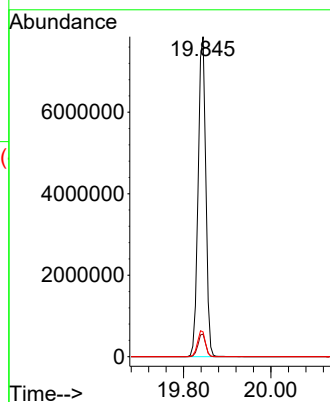
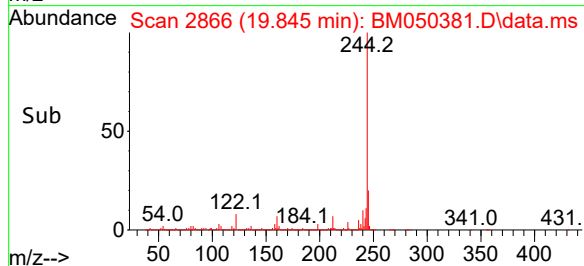
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 9584372
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.7 6.2 9.2

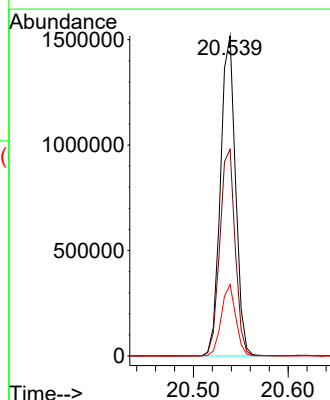
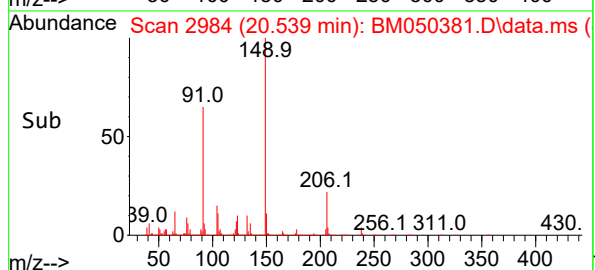
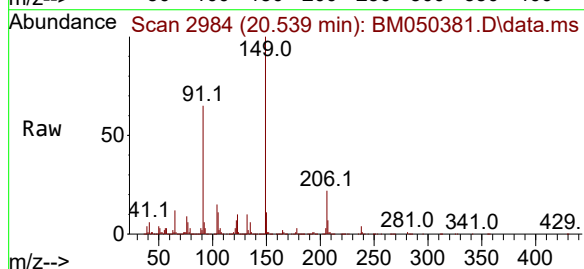
Manual Integrations
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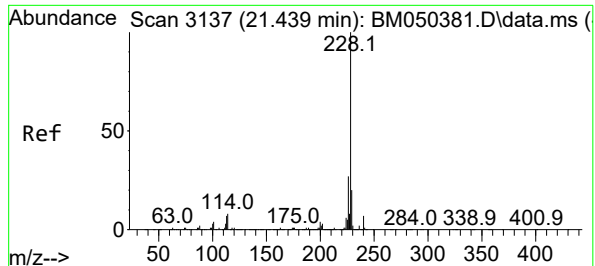
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#80
Butylbenzylphthalate
Concen: 41.731 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

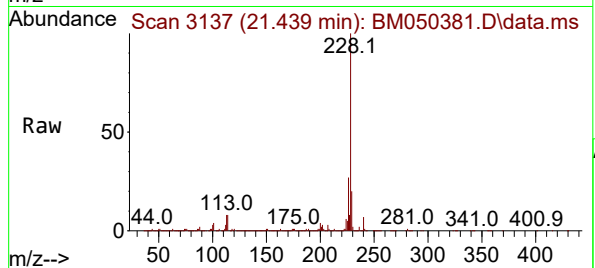
Tgt Ion:149 Resp: 1677924
Ion Ratio Lower Upper
149 100
91 64.5 51.6 77.4
206 22.3 17.8 26.8





#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

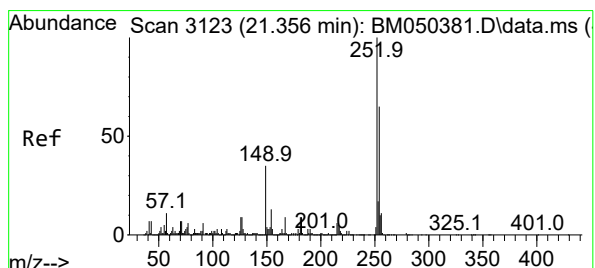
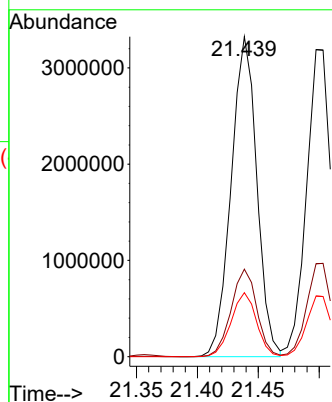
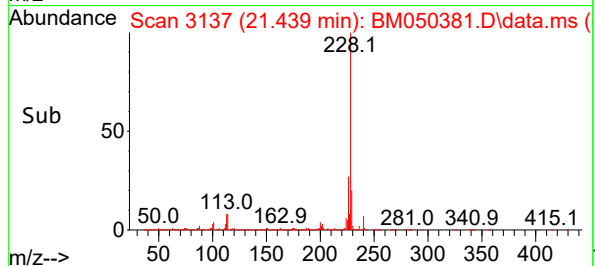
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 4880944
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.0 16.0 24.0

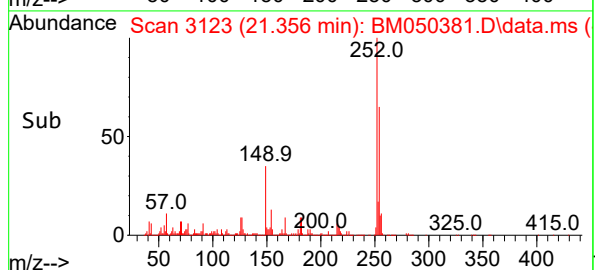
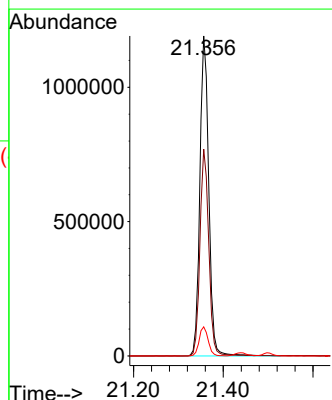
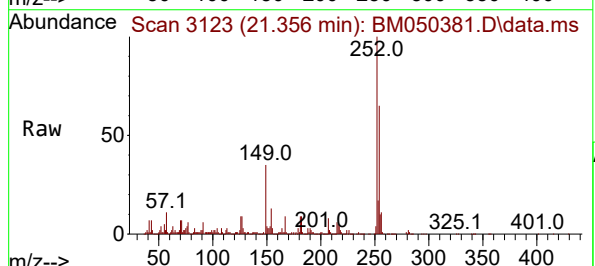
Manual Integrations
APPROVED

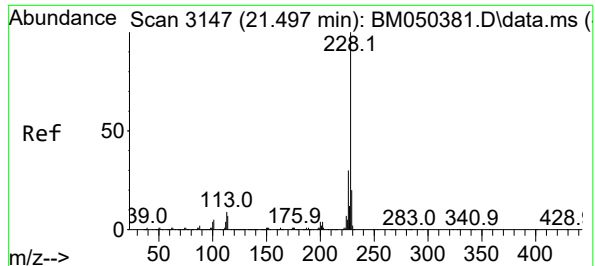
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.036 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

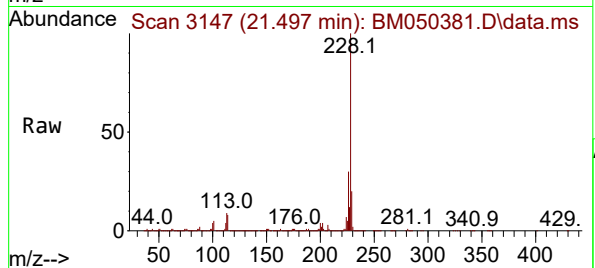
Tgt Ion:252 Resp: 1633134
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 9.1 7.3 10.9





#83
Chrysene
Concen: 39.351 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

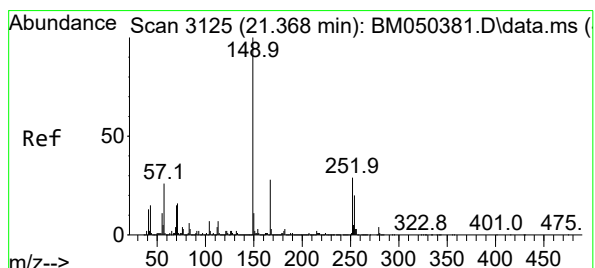
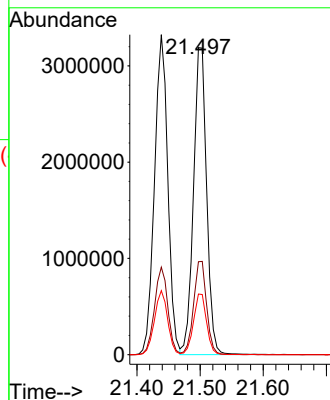
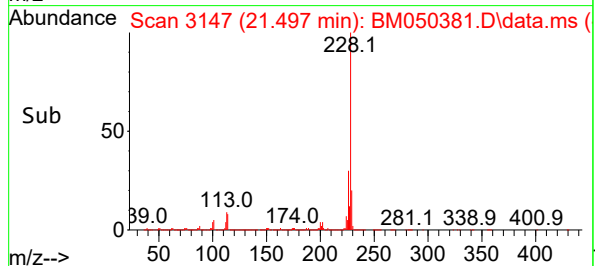
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 4604684
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.7 15.8 23.6

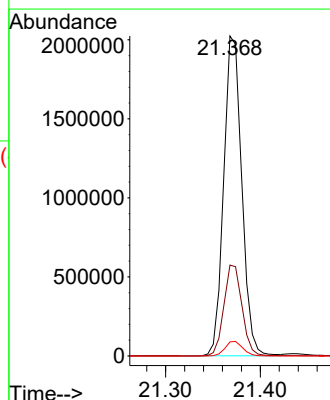
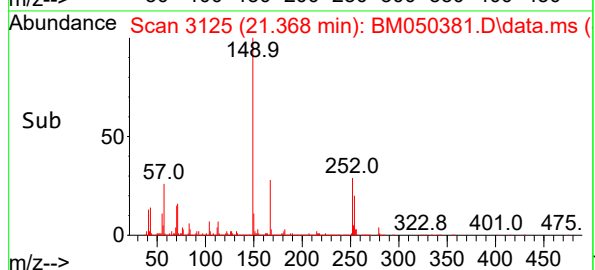
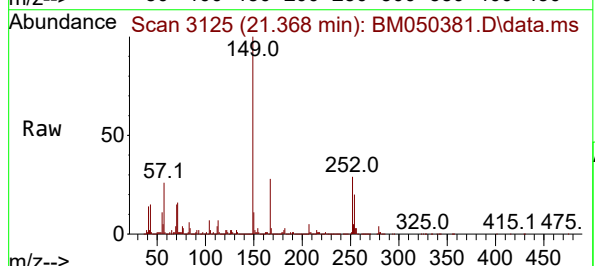
Manual Integrations
APPROVED

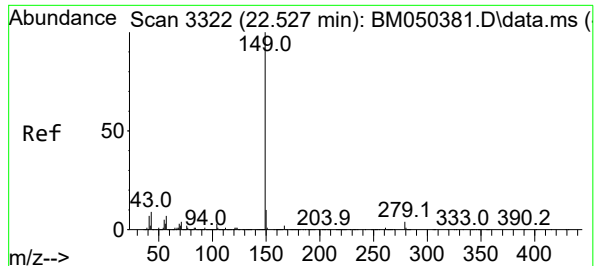
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.076 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

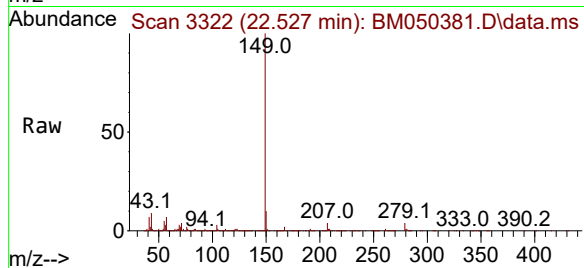
Tgt Ion:149 Resp: 2685699
Ion Ratio Lower Upper
149 100
167 28.4 22.7 34.1
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 40.294 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

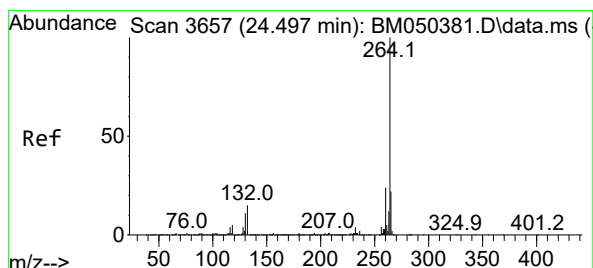
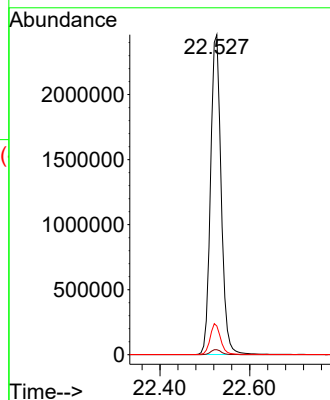
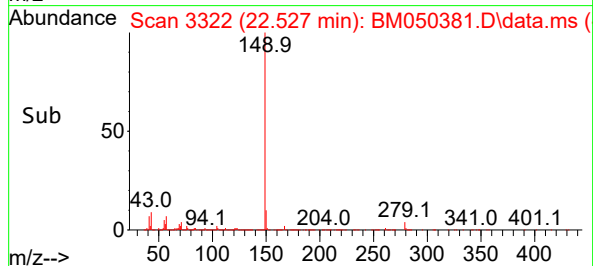
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 4028194
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.7 11.5

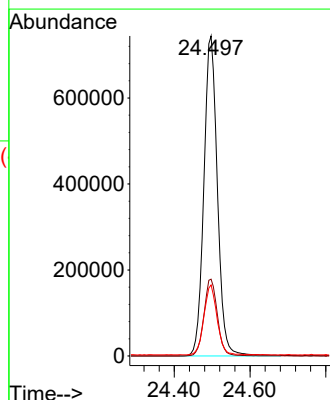
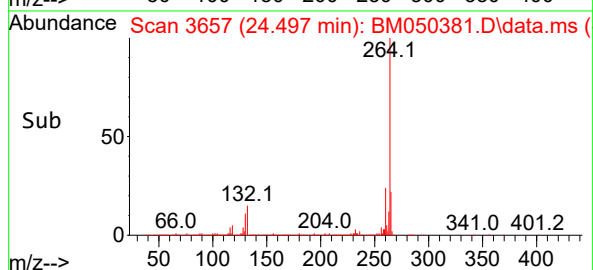
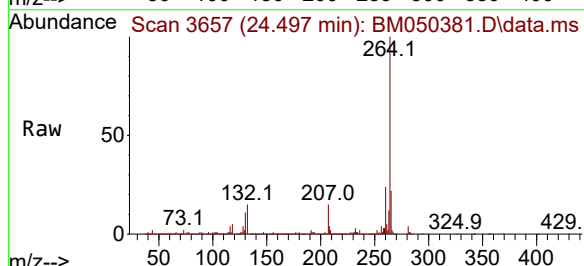
Manual Integrations
APPROVED

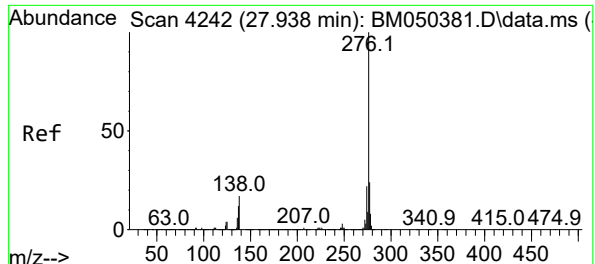
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

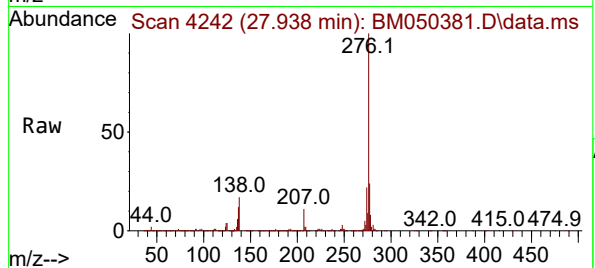
Tgt Ion:264 Resp: 1842285
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 27.938 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

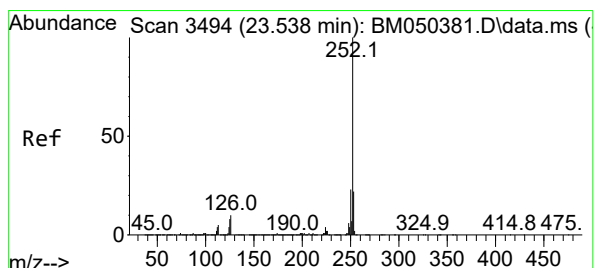
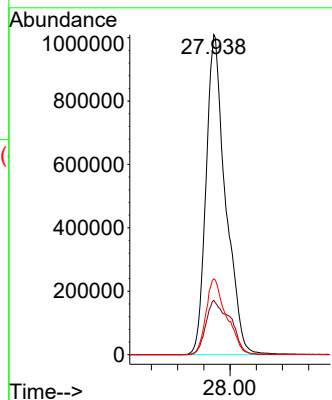
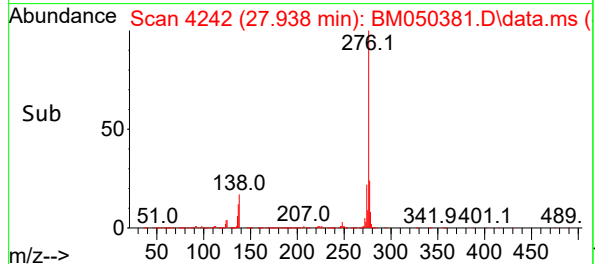
Instrument :
BNA_M
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 5214934
Ion Ratio Lower Upper
276 100
138 21.3 17.0 25.6
277 25.0 20.0 30.0

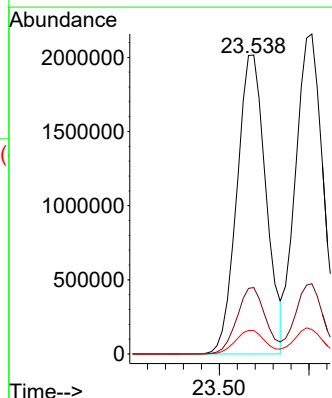
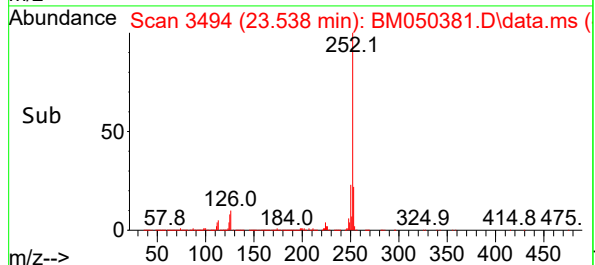
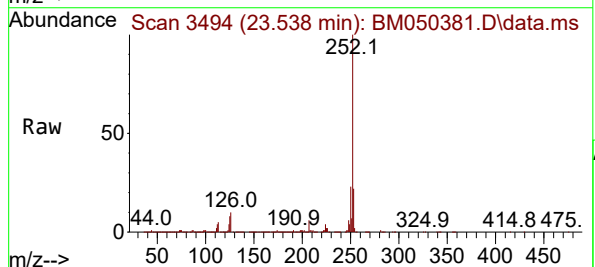
Manual Integrations
APPROVED

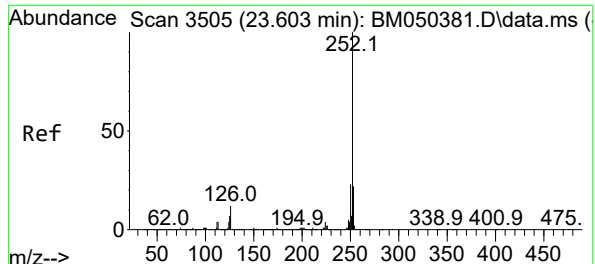
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#88
Benzo(b)fluoranthene
Concen: 39.990 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 252 Resp: 4531635
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.9 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 39.586 ng

RT: 23.603 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 4654634

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

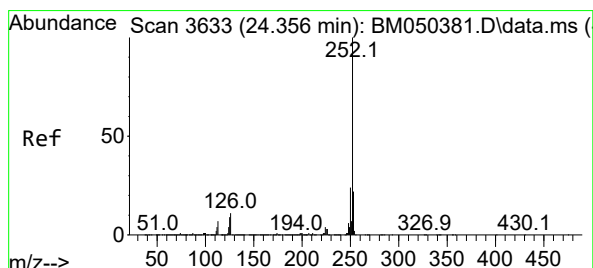
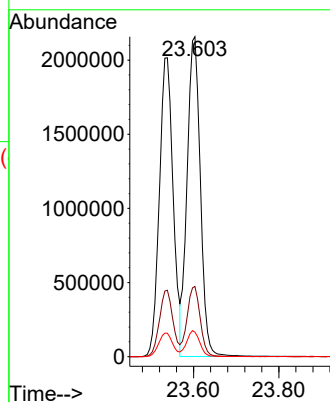
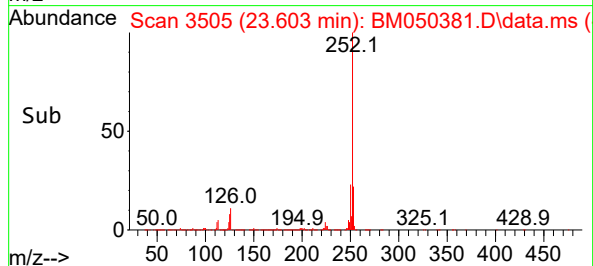
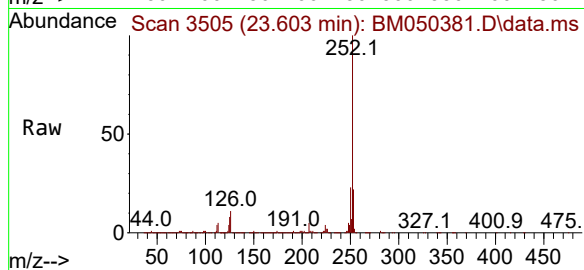
125 7.7 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#90

Benzo(a)pyrene

Concen: 40.157 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

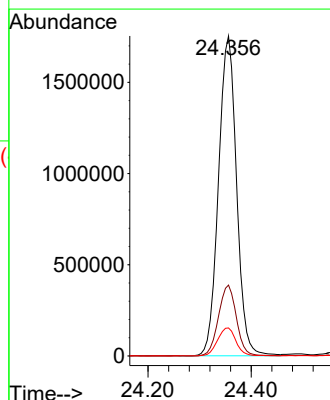
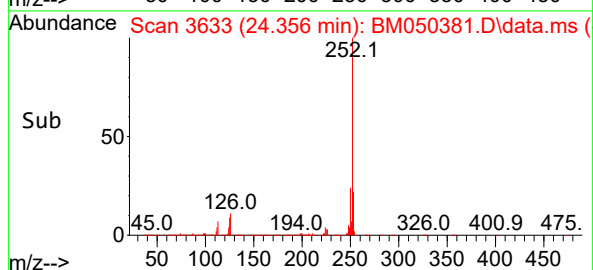
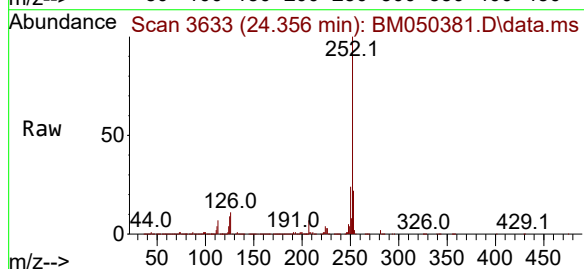
Tgt Ion:252 Resp: 4259750

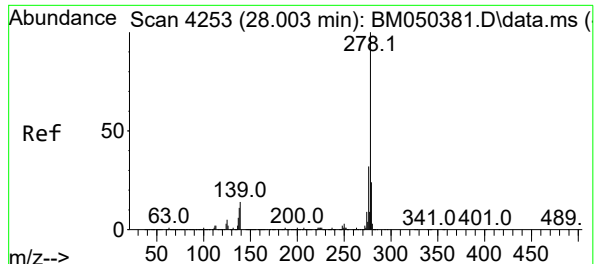
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 39.857 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 439674

Ion Ratio Lower Upper

278 100

139 13.5 10.8 16.2

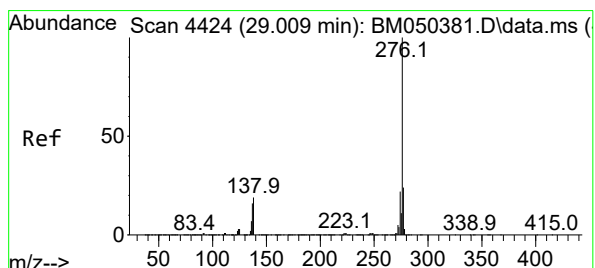
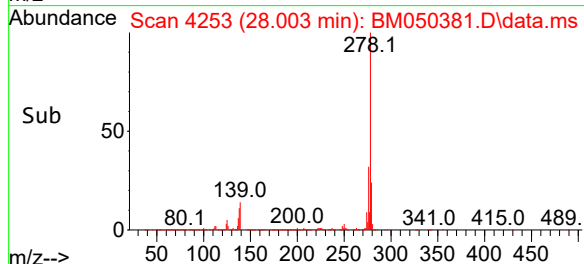
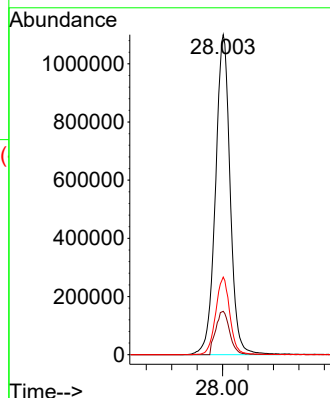
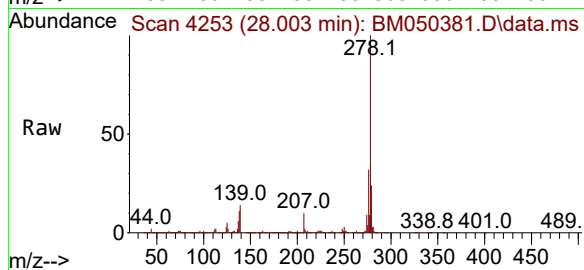
279 24.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#92

Benzo(g,h,i)perylene

Concen: 39.626 ng

RT: 29.009 min Scan# 4424

Delta R.T. 0.000 min

Lab File: BM050381.D

Acq: 08 Jul 2025 15:20

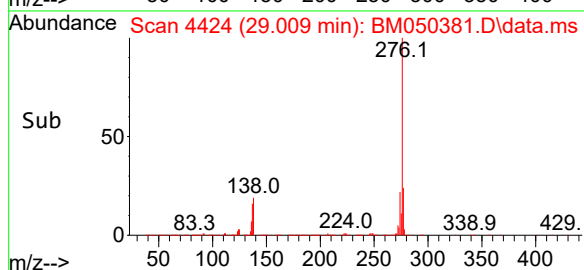
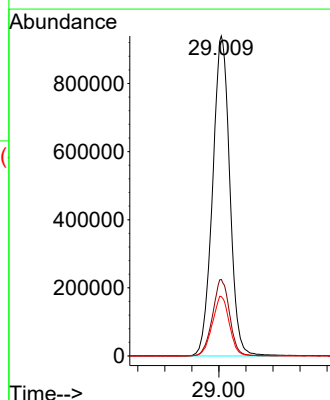
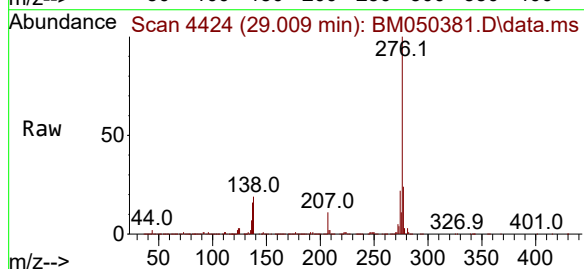
Tgt Ion:276 Resp: 4131353

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.6 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050382.D
 Acq On : 08 Jul 2025 16:01
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:23:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng	0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng	0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng	0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng	0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng	99
3) Pyridine	3.734	79	1187050	53.254	ng	98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng	100
6) Aniline	7.187	93	1814285	54.314	ng	99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng	100
9) Benzaldehyde	6.998	77	743485m	48.013	ng	
10) Phenol	7.051	94	1479916	54.513	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng	99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng	99
17) 2-Methylphenol	8.298	107	967335	54.938	ng	98
18) Hexachloroethane	8.951	117	510428	53.689	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng	98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng	98
22) Acetophenone	8.687	105	1828595	53.438	ng	# 97
24) Nitrobenzene	9.063	77	1289779	53.879	ng	99
25) Isophorone	9.592	82	2401483	55.168	ng	100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng	99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng	99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng	99
31) Naphthalene	10.716	128	3662846	52.691	ng	100
32) Benzoic acid	9.957	122	666467	51.765	ng	99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng	99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng	99
35) Caprolactam	11.586	113	328173	56.364	ng	98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng	100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng	98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng	99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng	98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050382.D
 Acq On : 08 Jul 2025 16:01
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:23:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 17:58:12 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050382.D
 Acq On : 08 Jul 2025 16:01
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

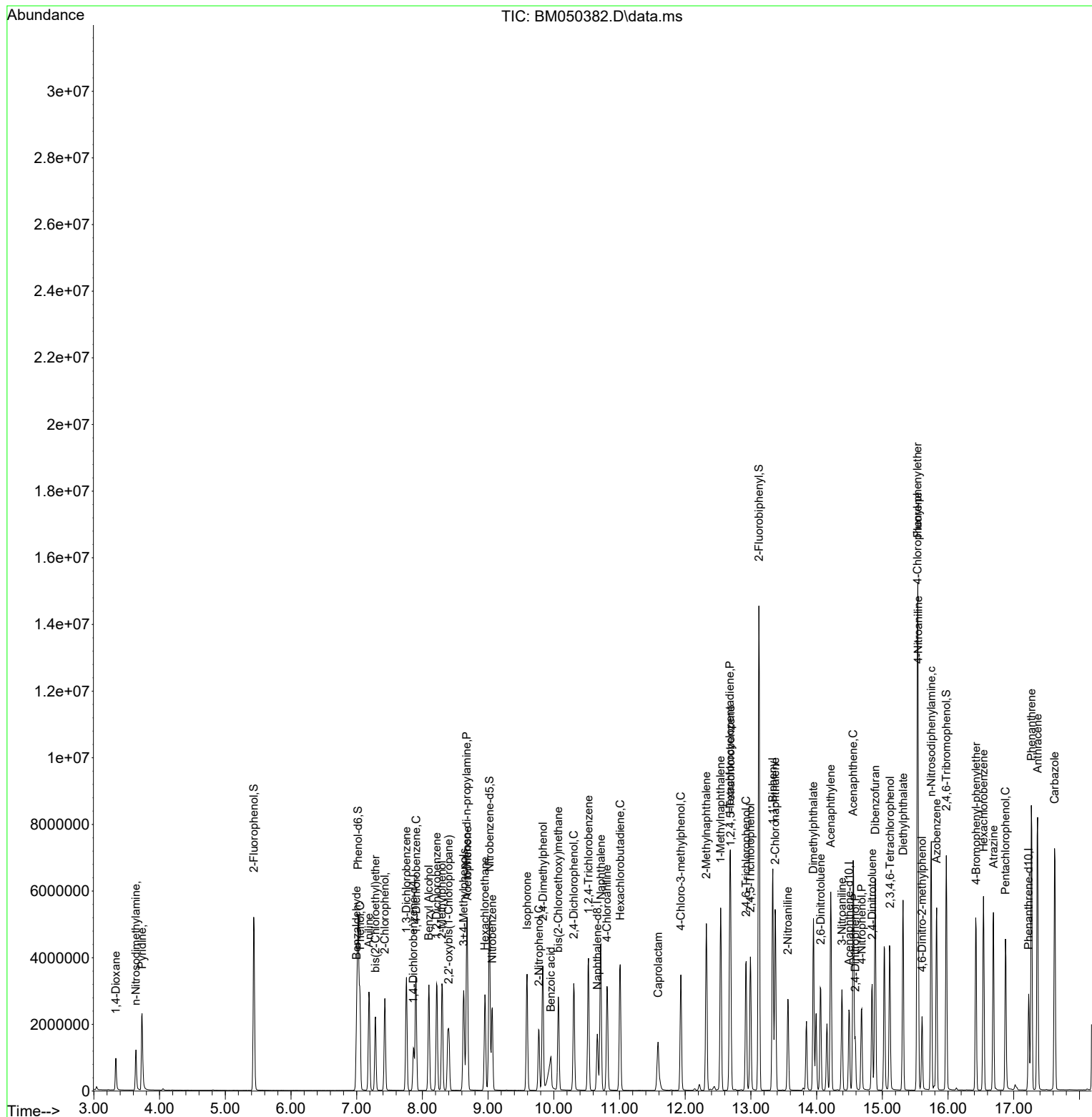
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 08 18:23:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration



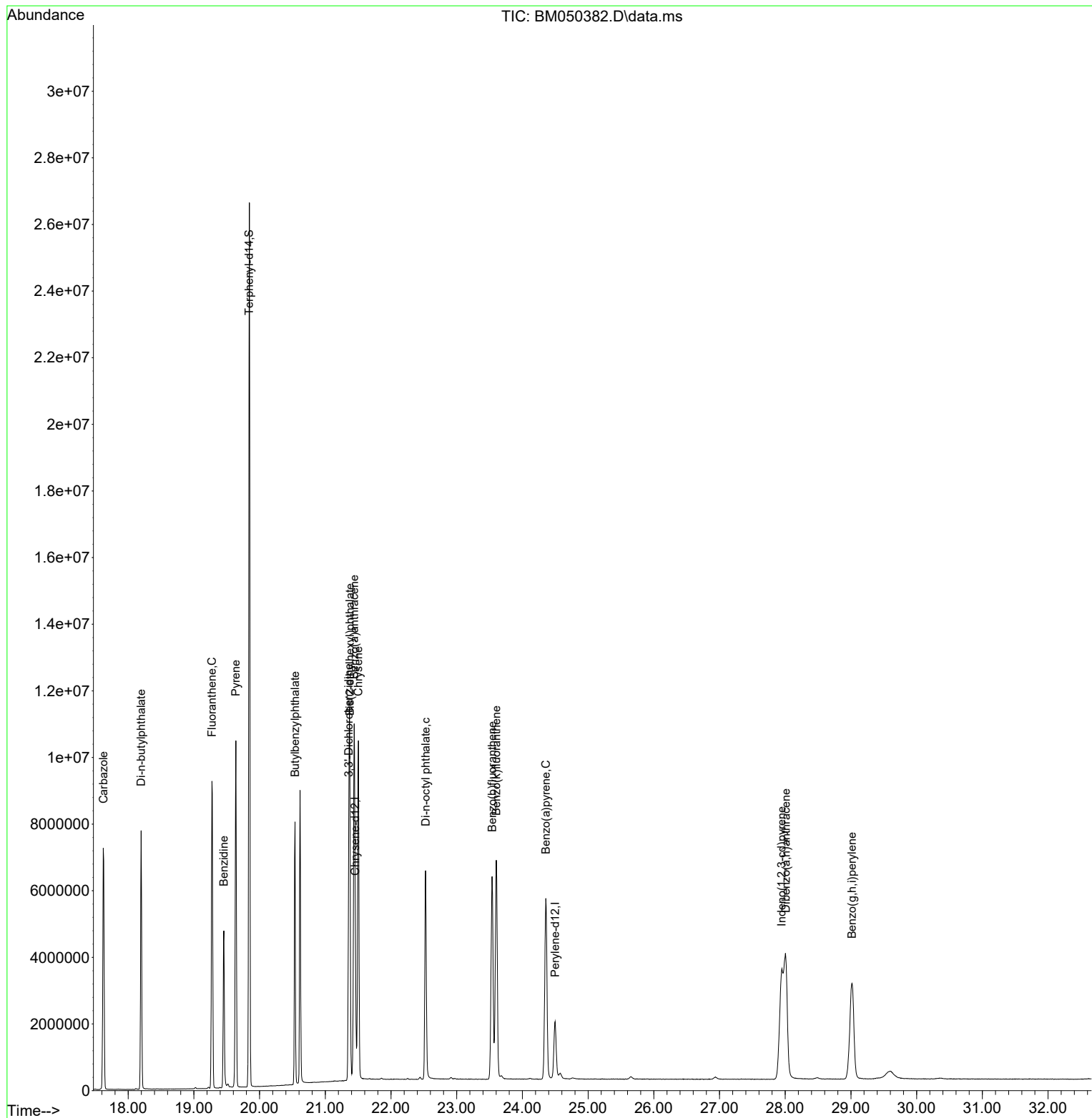
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

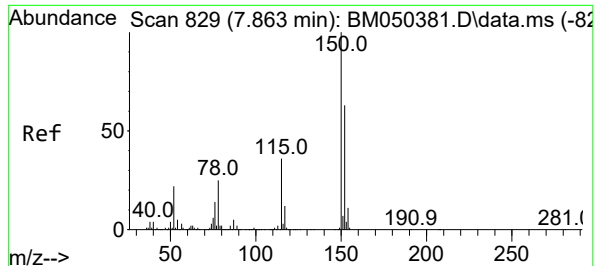
Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

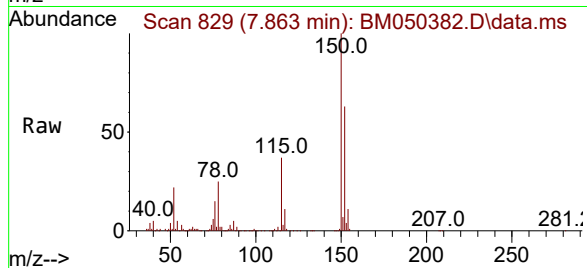
Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

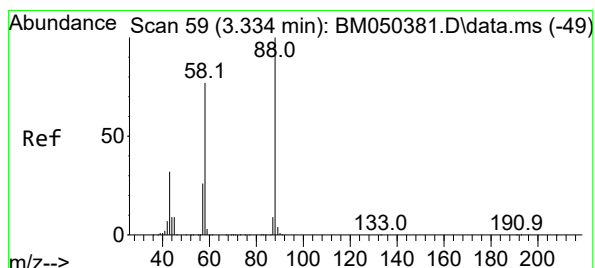
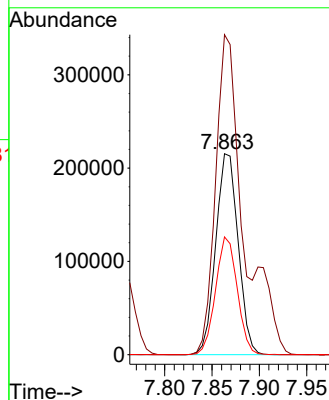
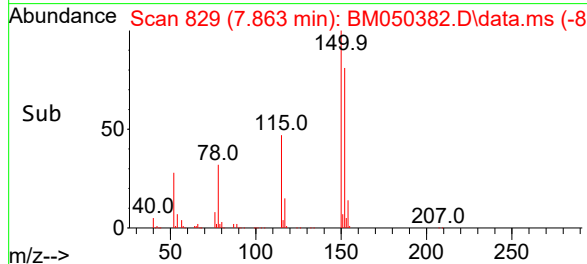
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 355414
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.4
115 58.6 45.8 68.8

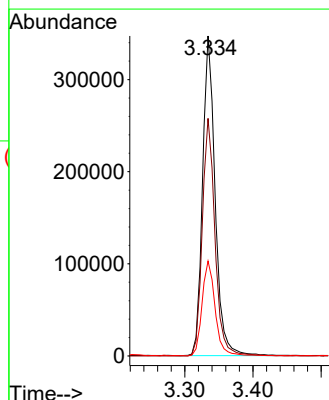
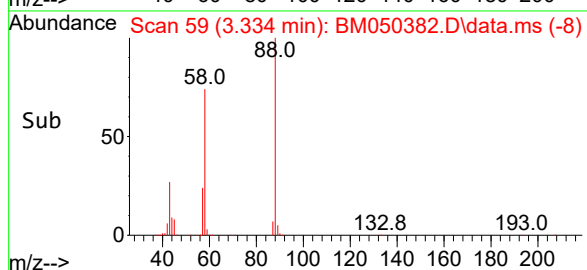
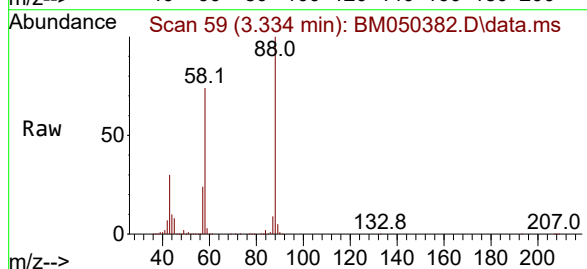
Manual Integrations
APPROVED

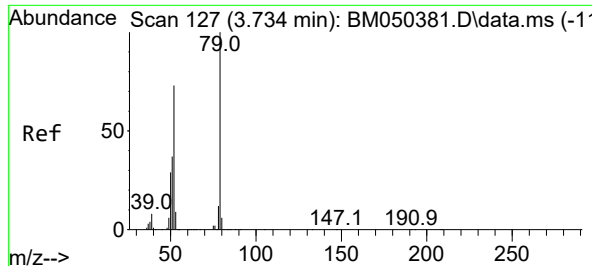
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#2
1,4-Dioxane
Concen: 52.431 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

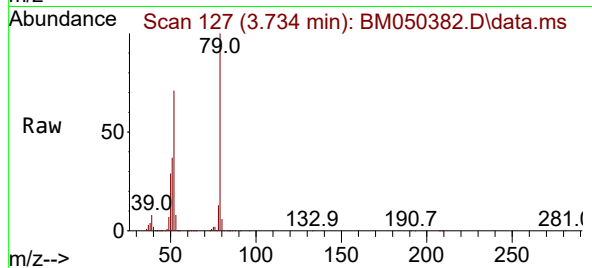
Tgt Ion: 88 Resp: 445164
Ion Ratio Lower Upper
88 100
58 75.1 61.0 91.6
43 30.8 24.6 37.0





#3
Pyridine
Concen: 53.254 ng
RT: 3.734 min Scan# 117
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

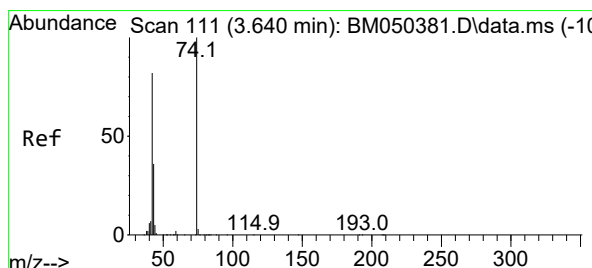
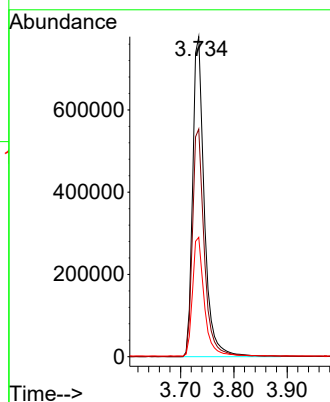
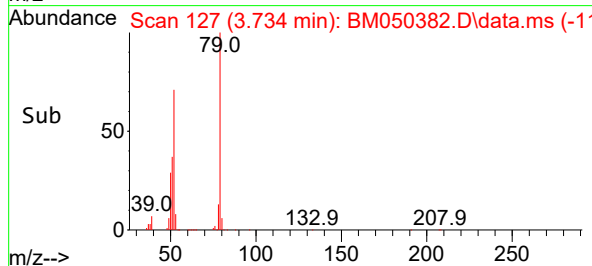
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 1187050
Ion Ratio Lower Upper
79 100
52 71.2 58.3 87.5
51 37.3 29.6 44.4

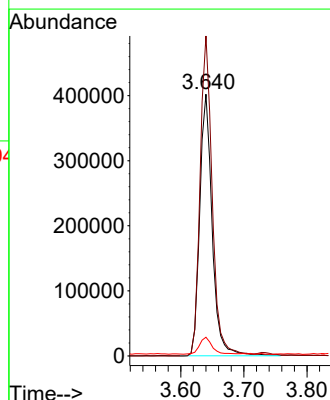
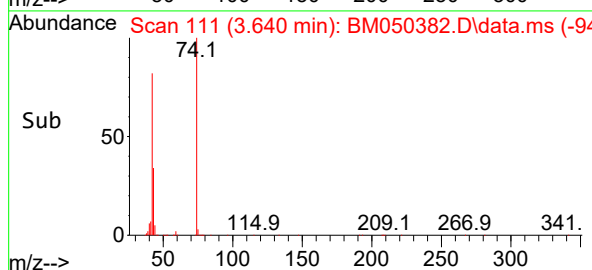
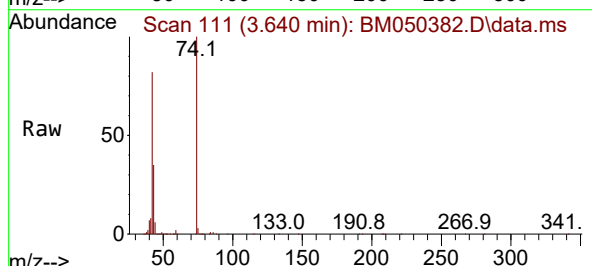
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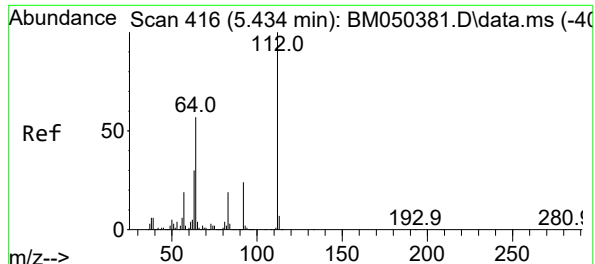
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#4
n-Nitrosodimethylamine
Concen: 53.005 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

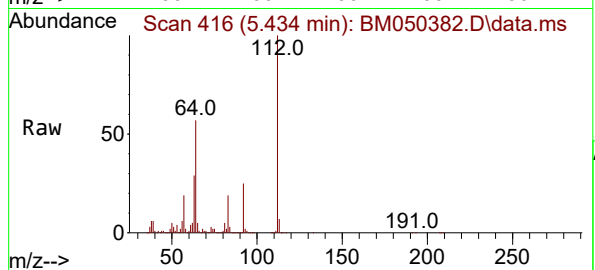
Tgt Ion: 42 Resp: 550809
Ion Ratio Lower Upper
42 100
74 122.3 97.5 146.3
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

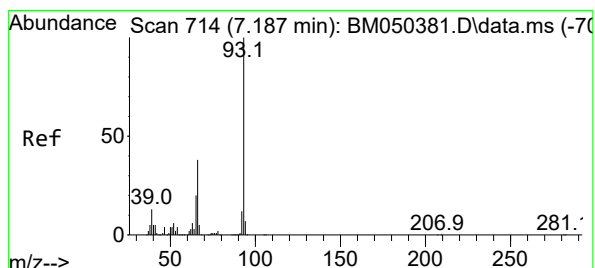
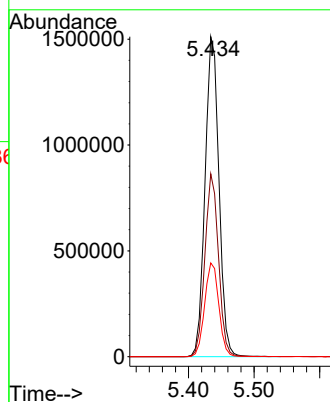
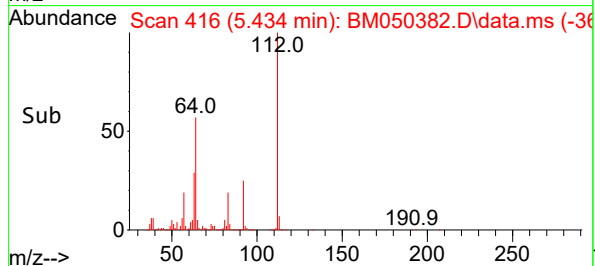
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 223539
Ion Ratio Lower Upper
112 100
64 57.1 45.5 68.3
63 29.3 24.2 36.4

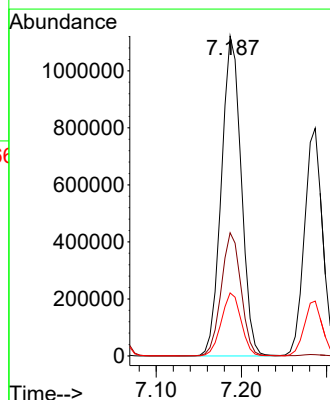
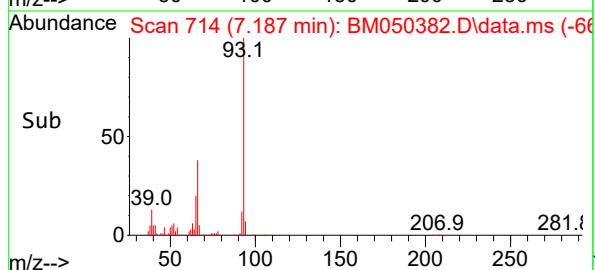
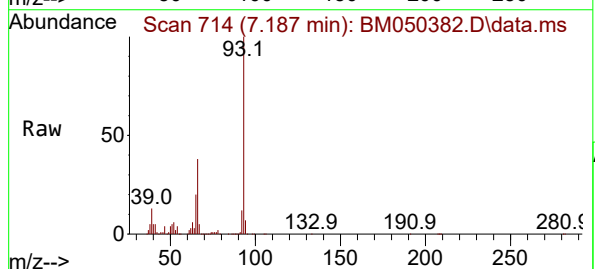
Manual Integrations
APPROVED

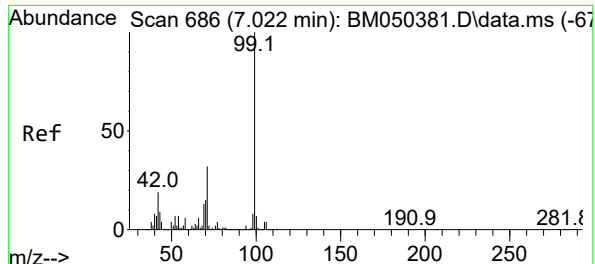
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#6
Aniline
Concen: 54.314 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

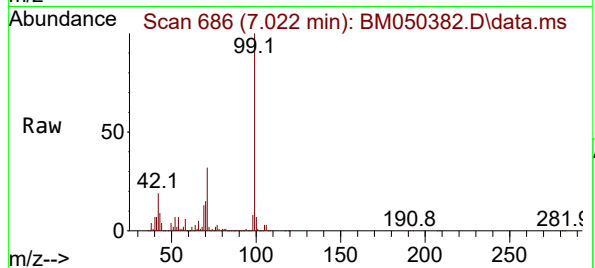
Tgt Ion: 93 Resp: 1814285
Ion Ratio Lower Upper
93 100
66 38.5 30.5 45.7
65 19.7 15.9 23.9





#7
Phenol-d6
Concen: 109.721 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

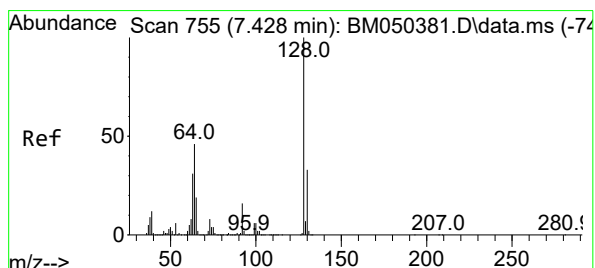
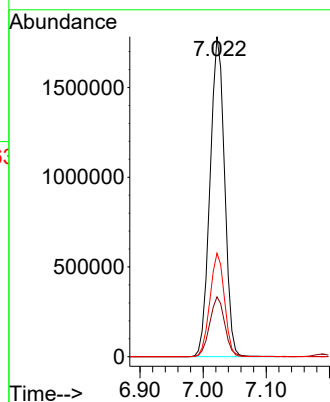
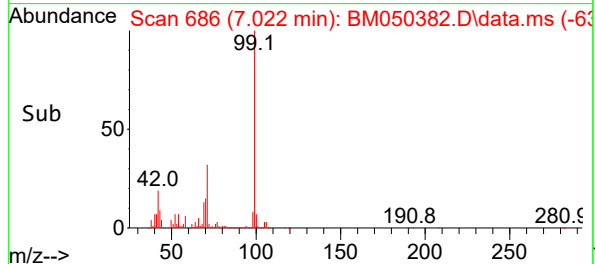
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 285591
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.6
71 32.3 25.9 38.9

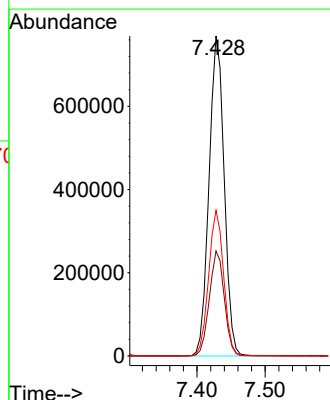
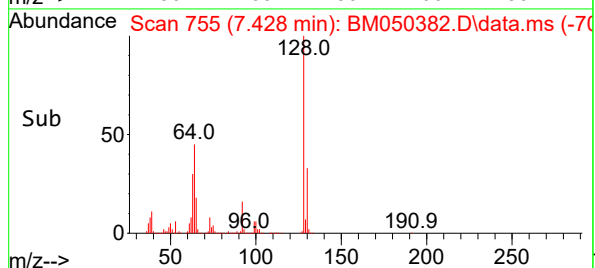
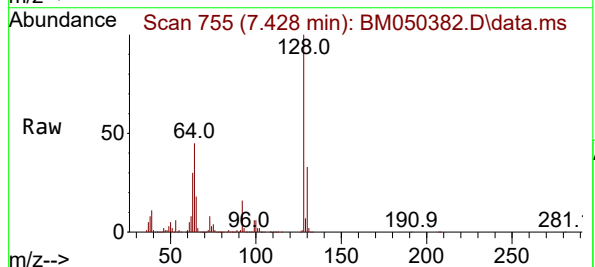
Manual Integrations
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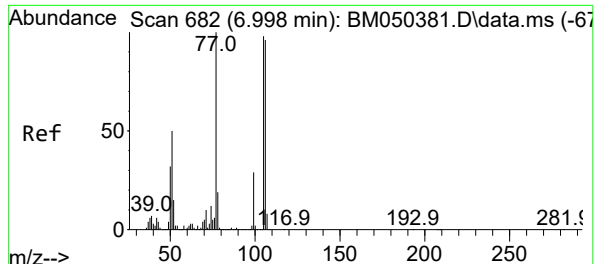
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#8
2-Chlorophenol
Concen: 54.720 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

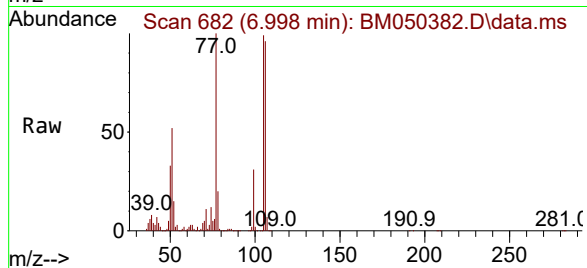
Tgt Ion:128 Resp: 1191374
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 45.5 25.6 65.6





#9
Benzaldehyde
Concen: 48.013 ng m
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

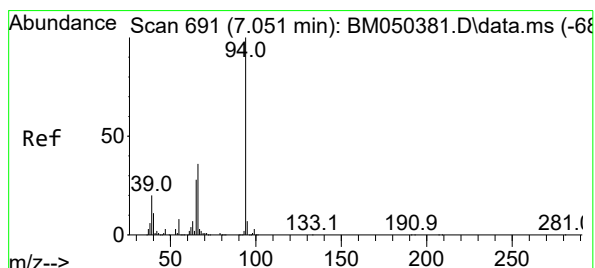
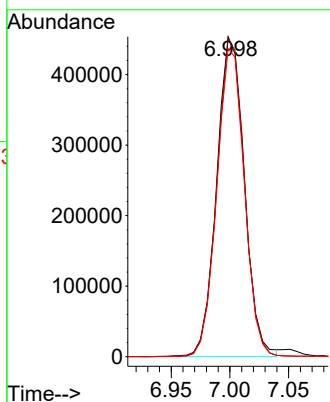
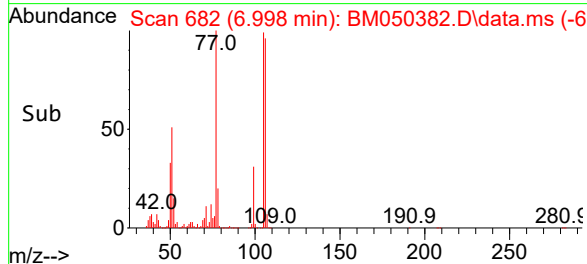
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 743485
Ion Ratio Lower Upper
77 100
105 99.4 78.4 118.4
106 96.2 76.3 116.3

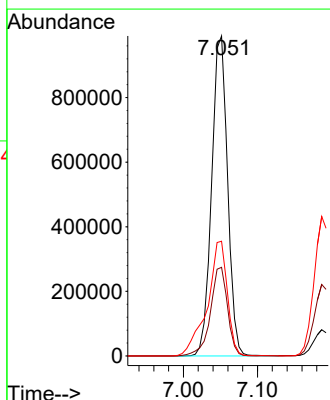
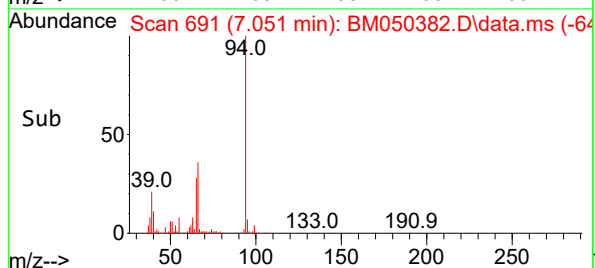
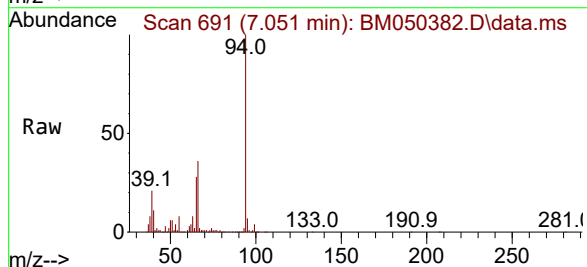
Manual Integrations
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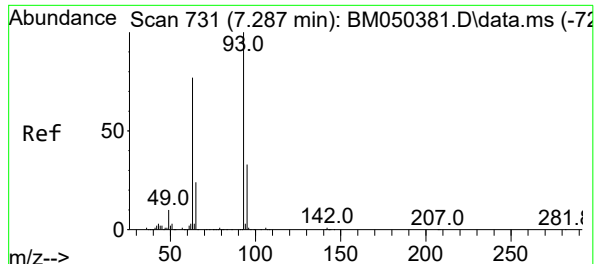
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#10
Phenol
Concen: 54.513 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

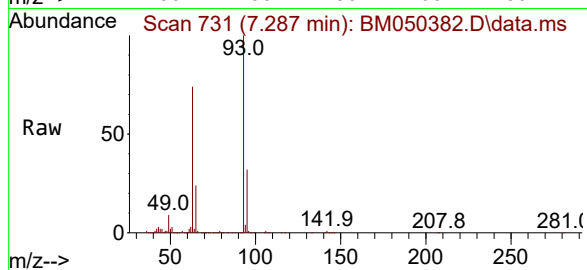
Tgt Ion: 94 Resp: 1479916
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 35.8 15.8 55.8





#11
bis(2-Chloroethyl)ether
Concen: 54.102 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

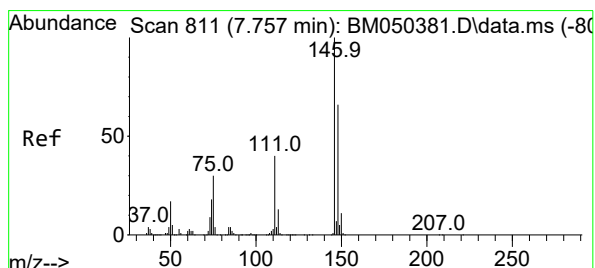
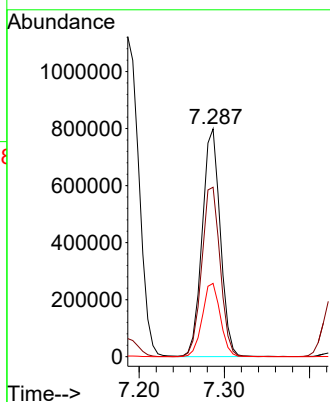
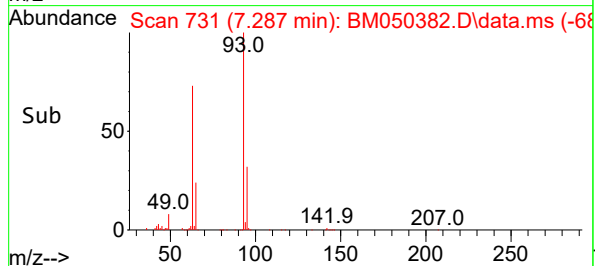
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 93 Resp: 1176258
Ion Ratio Lower Upper
93 100
63 74.4 56.9 96.9
95 32.1 12.6 52.6

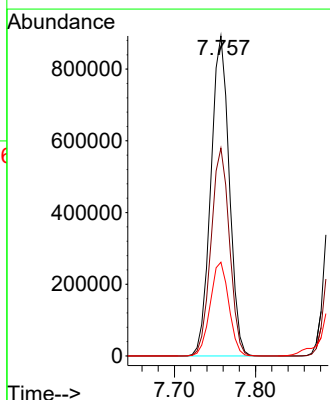
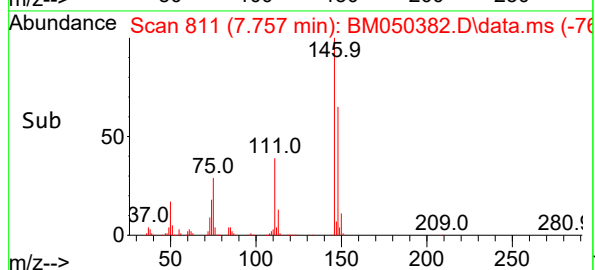
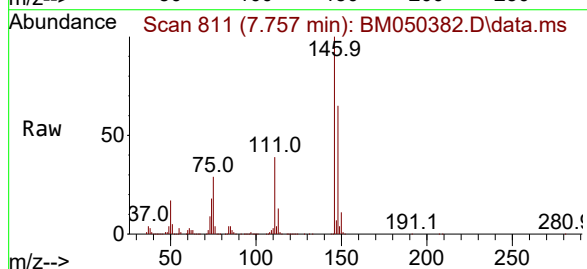
Manual Integrations
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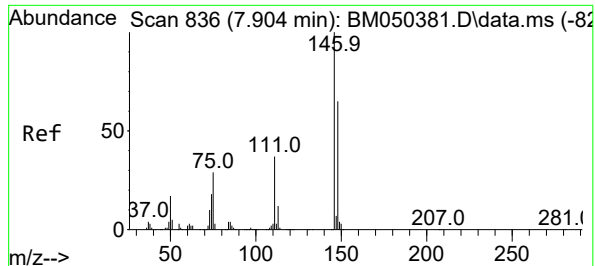
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#12
1,3-Dichlorobenzene
Concen: 53.015 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1403509
Ion Ratio Lower Upper
146 100
148 64.9 53.2 79.8
75 29.3 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 52.933 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 1430908

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

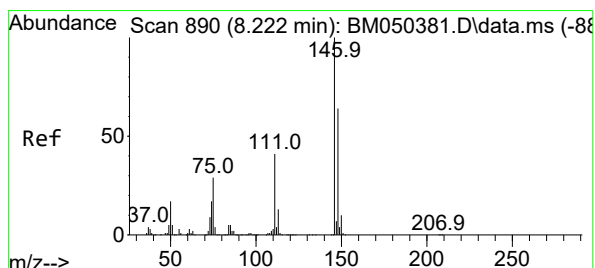
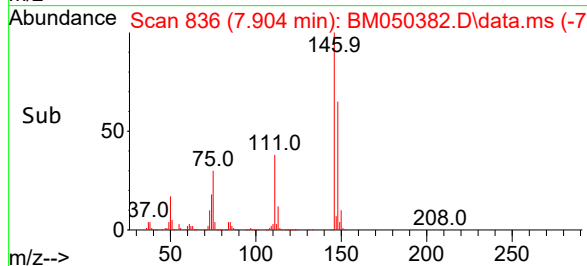
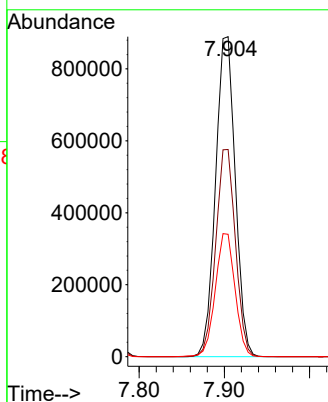
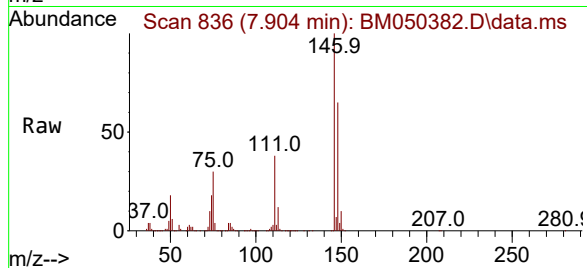
111 38.2 30.0 45.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#14

1,2-Dichlorobenzene

Concen: 52.912 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

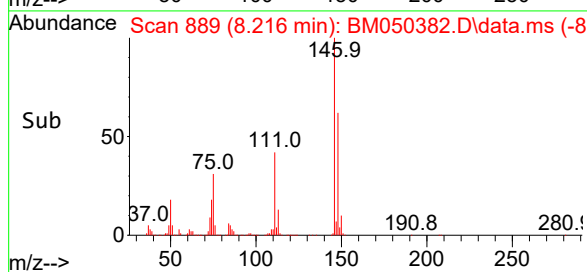
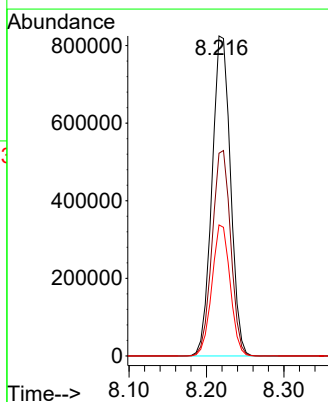
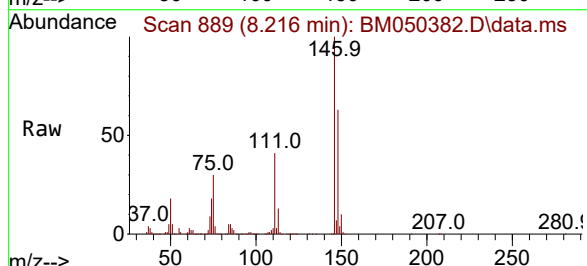
Tgt Ion:146 Resp: 1369382

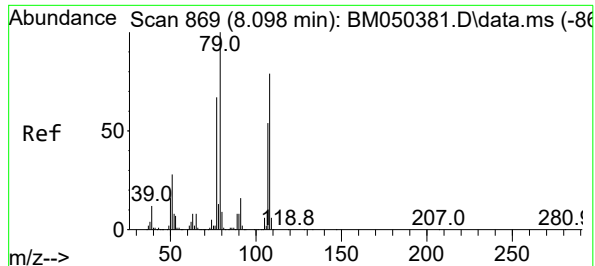
Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

111 40.9 32.6 49.0





#15

Benzyl Alcohol

Concen: 54.529 ng

RT: 8.098 min Scan# 80

Delta R.T. 0.000 min

Lab File: BM050382.D

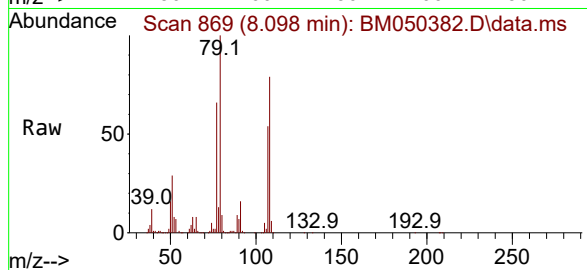
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion: 79 Resp: 100003

Ion Ratio Lower Upper

79 100

108 79.1 63.0 94.4

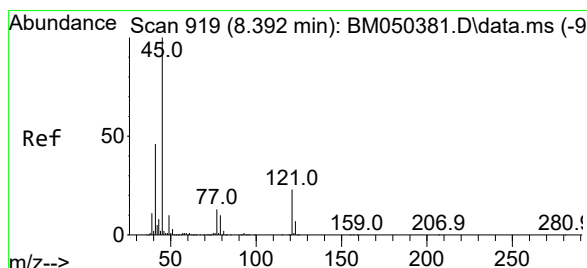
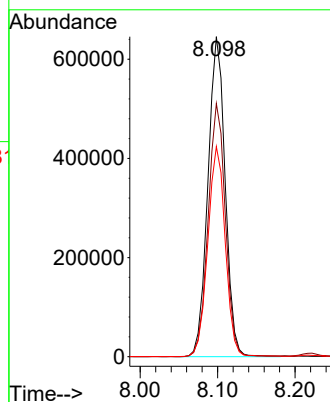
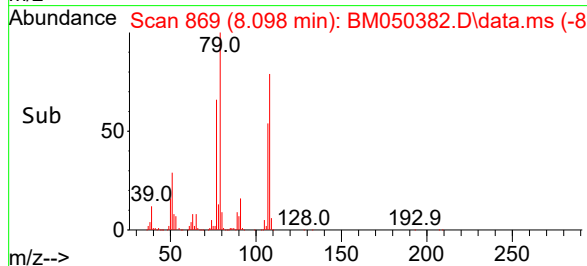
77 65.7 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#16

2,2'-oxybis(1-Chloropropane)

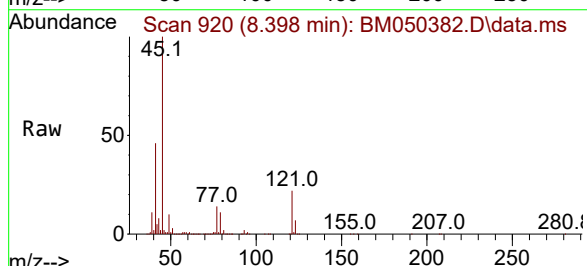
Concen: 52.899 ng

RT: 8.398 min Scan# 920

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01



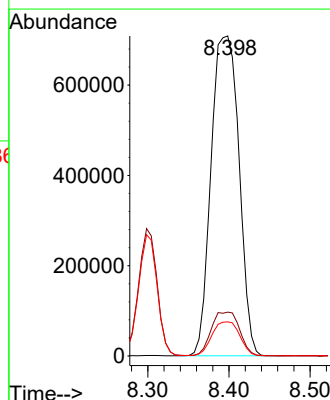
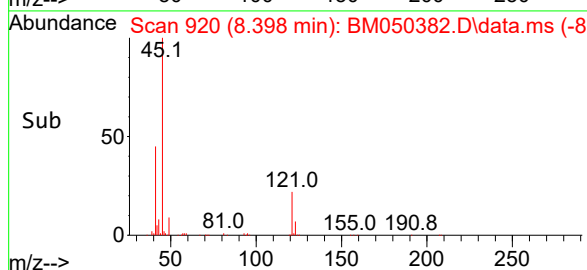
Tgt Ion: 45 Resp: 1694093

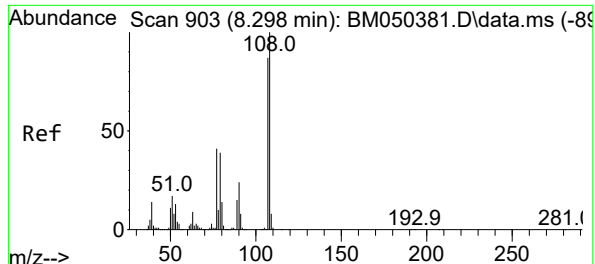
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.5

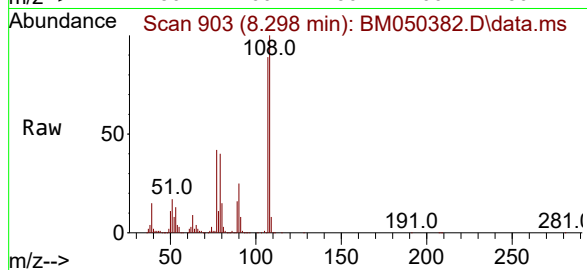
79 10.7 0.0 30.3





#17
2-Methylphenol
Concen: 54.938 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

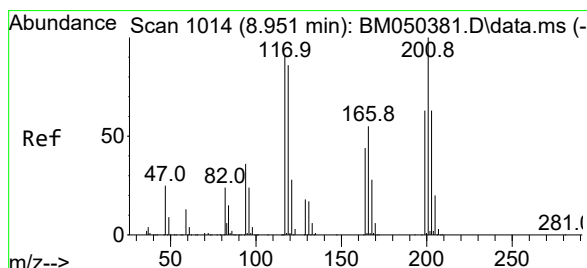
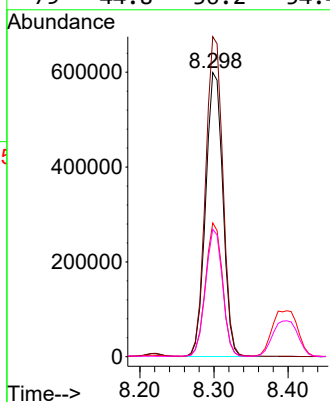
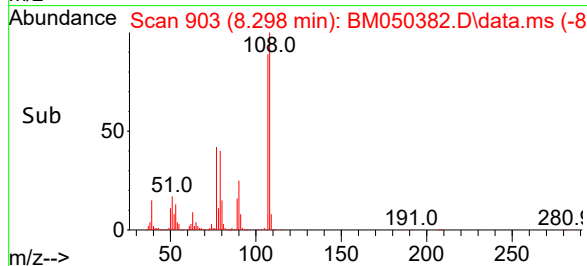
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



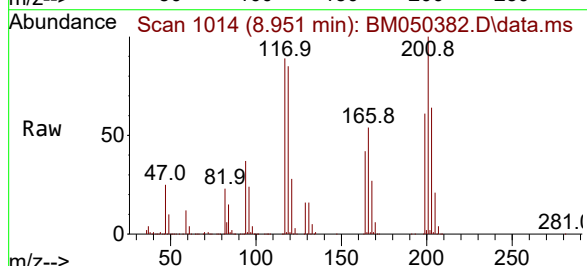
Tgt Ion:107 Resp: 967335
Ion Ratio Lower Upper
107 100
108 112.6 92.1 138.1
77 47.0 38.2 57.4
79 44.8 36.2 54.4

Manual Integrations
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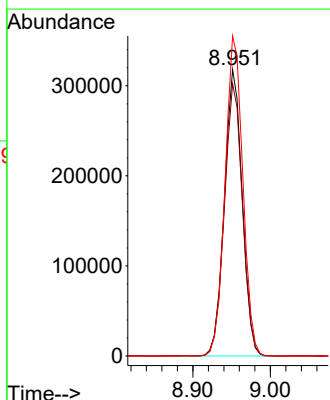
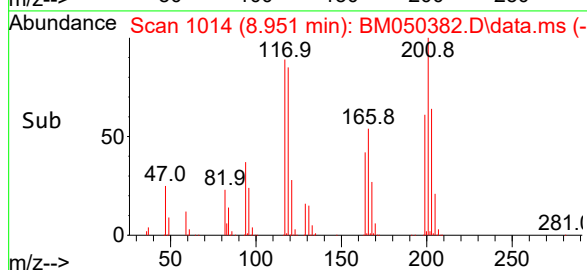
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

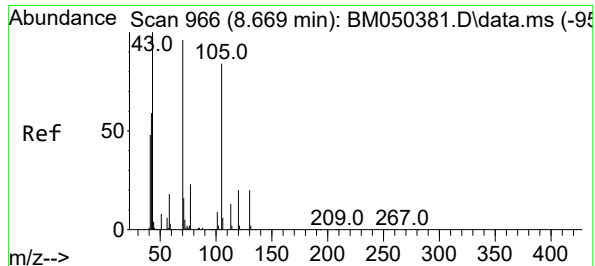


#18
Hexachloroethane
Concen: 53.689 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



Tgt Ion:117 Resp: 510428
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4
201 111.8 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 56.604 ng

RT: 8.675 min Scan# 966

Delta R.T. 0.006 min

Lab File: BM050382.D

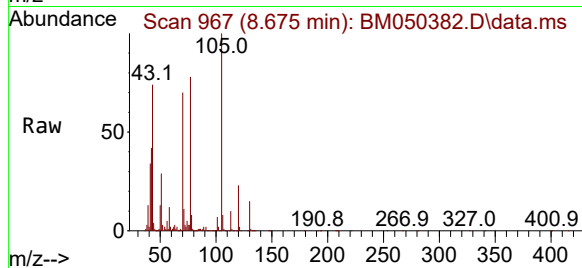
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 89253

Ion Ratio Lower Upper

70 100

42 60.1 49.7 74.5

101 9.9 7.7 11.5

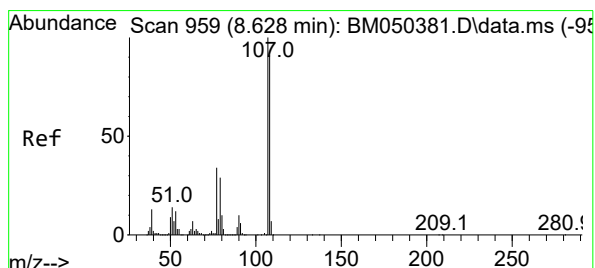
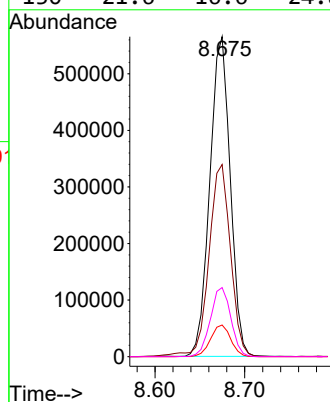
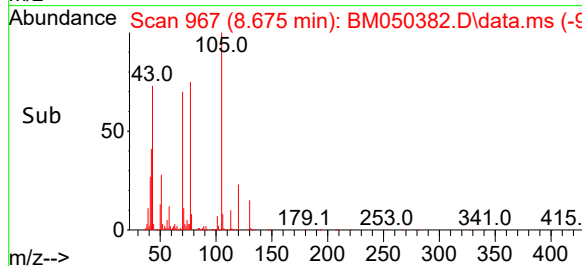
130 21.6 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#20

3+4-Methylphenols

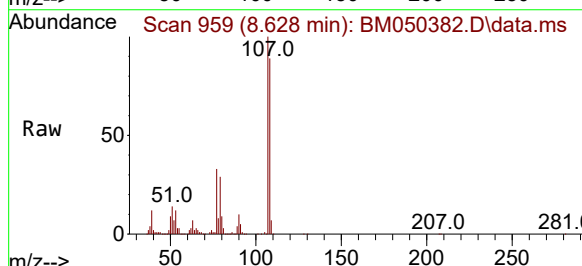
Concen: 54.800 ng

RT: 8.628 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01



Tgt Ion:107 Resp: 1295330

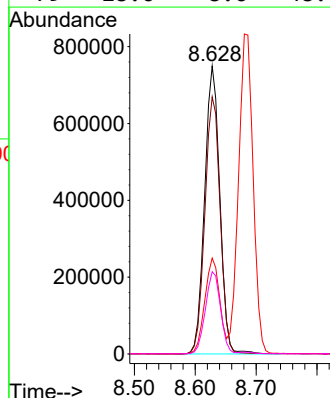
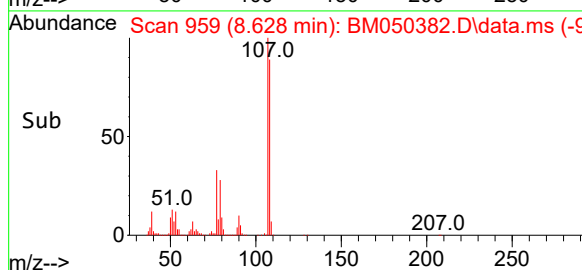
Ion Ratio Lower Upper

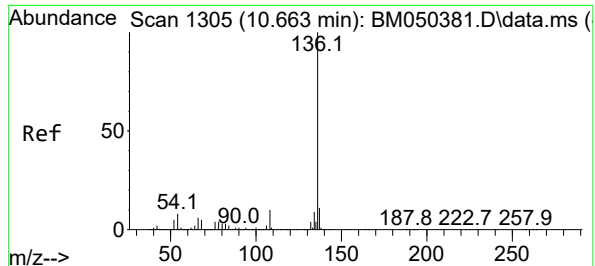
107 100

108 89.3 71.5 111.5

77 33.3 13.7 53.7

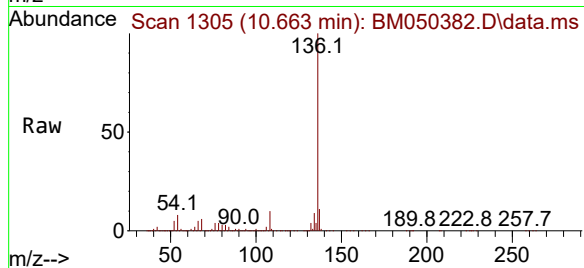
79 28.6 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

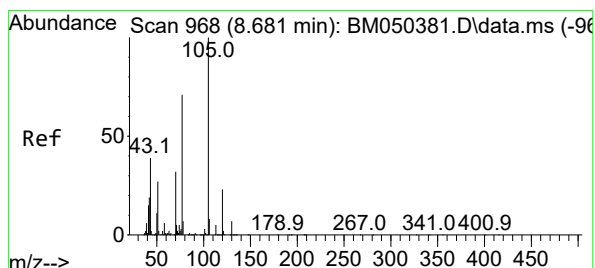
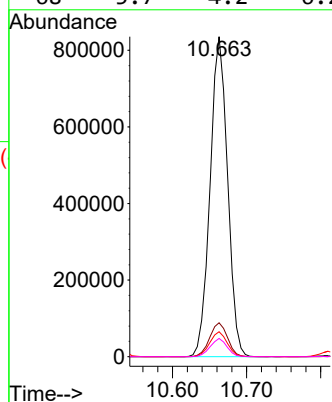
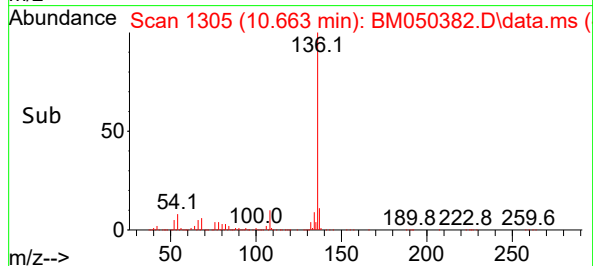
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 136862
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.8 6.3 9.5
68 5.7 4.2 6.2

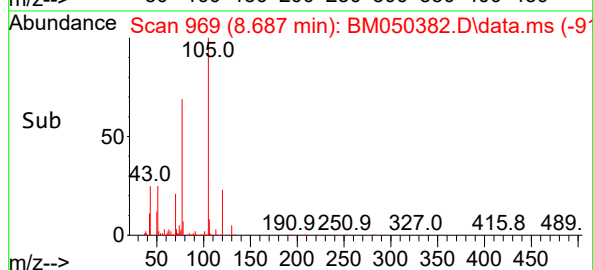
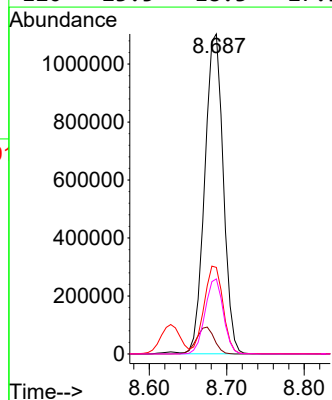
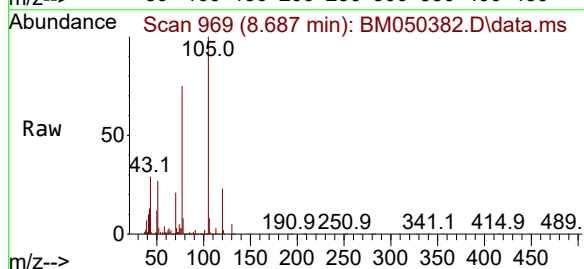
Manual Integrations
APPROVED

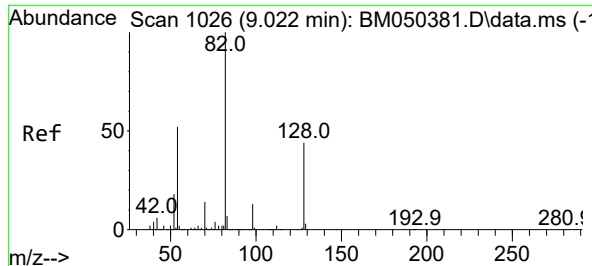
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#22
Acetophenone
Concen: 53.438 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

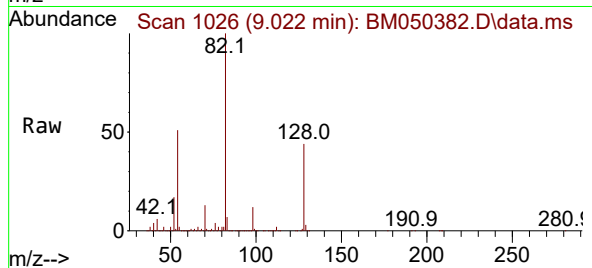
Tgt Ion:105 Resp: 1828595
Ion Ratio Lower Upper
105 100
71 3.3 4.4 6.6#
51 27.0 23.0 34.6
120 23.5 18.3 27.5





#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

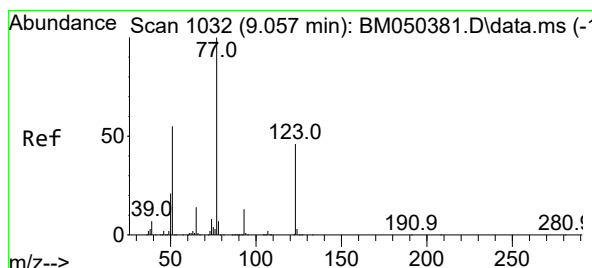
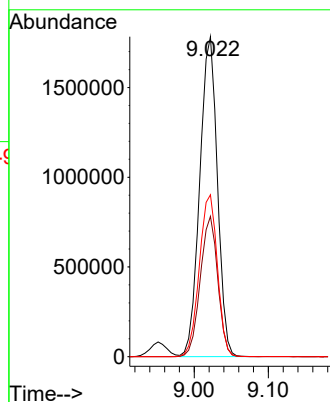
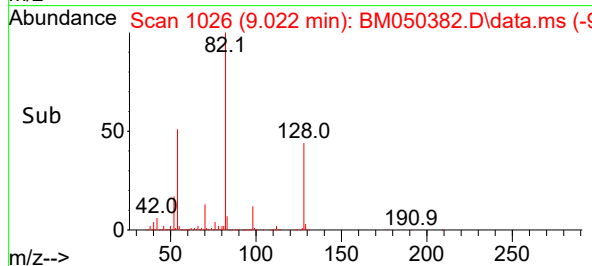
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



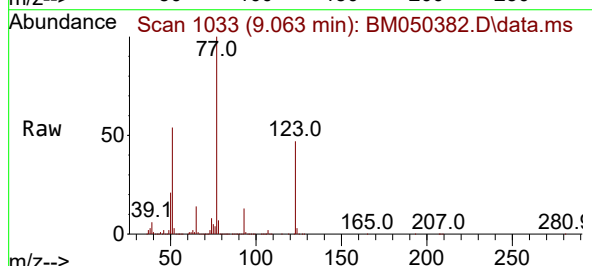
Tgt Ion: 82 Resp: 2937689
Ion Ratio Lower Upper
82 100
128 43.9 35.2 52.8
54 50.6 41.5 62.3

Manual Integrations
APPROVED

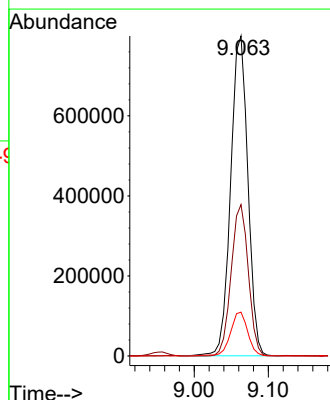
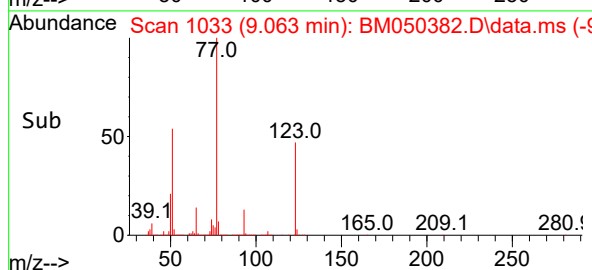
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

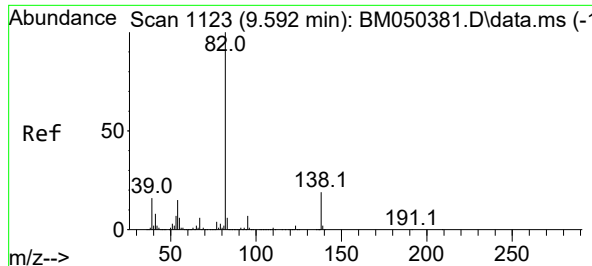


#24
Nitrobenzene
Concen: 53.879 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



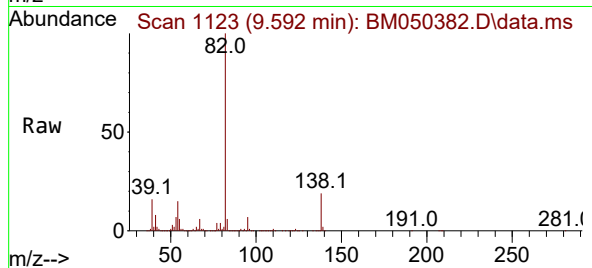
Tgt Ion: 77 Resp: 1289779
Ion Ratio Lower Upper
77 100
123 47.3 37.0 55.6
65 13.7 11.0 16.4





#25
Isophorone
Concen: 55.168 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

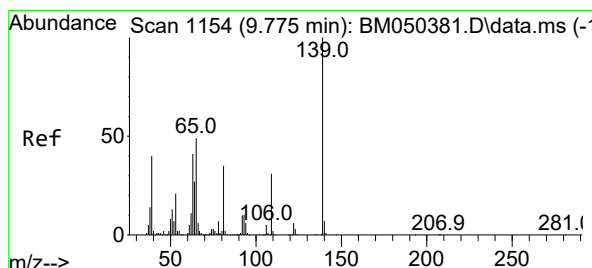
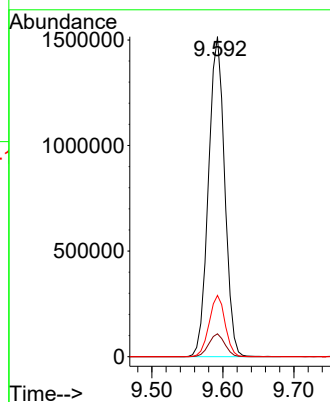
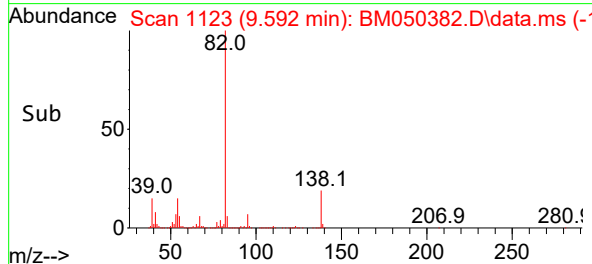
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 240148
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.2 15.3 22.9

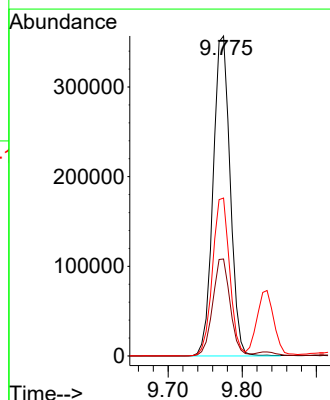
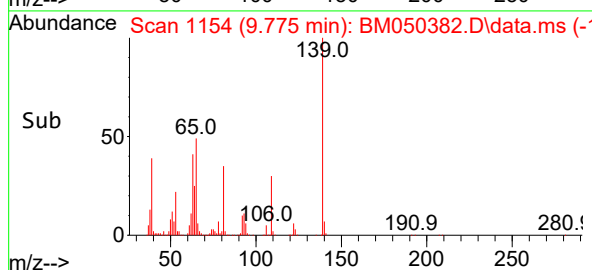
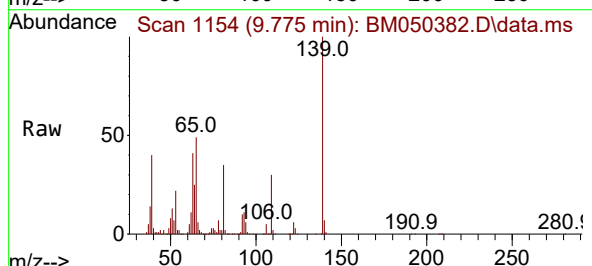
Manual Integrations
APPROVED

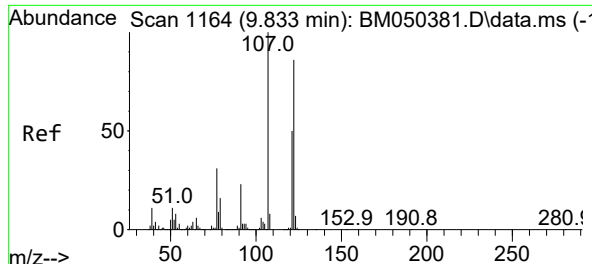
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#26
2-Nitrophenol
Concen: 58.414 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

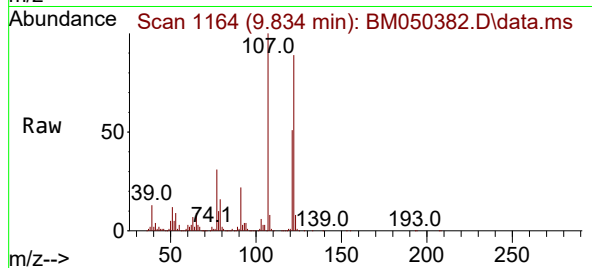
Tgt Ion:139 Resp: 569906
Ion Ratio Lower Upper
139 100
109 30.3 24.6 36.8
65 49.3 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 54.178 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

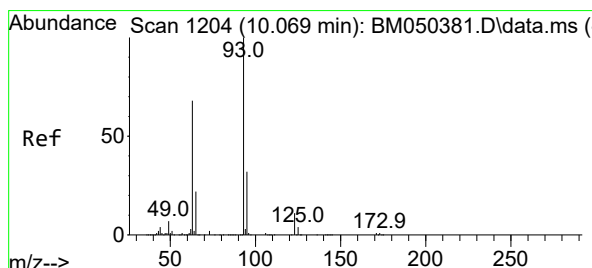
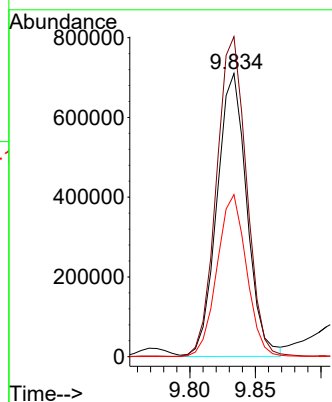
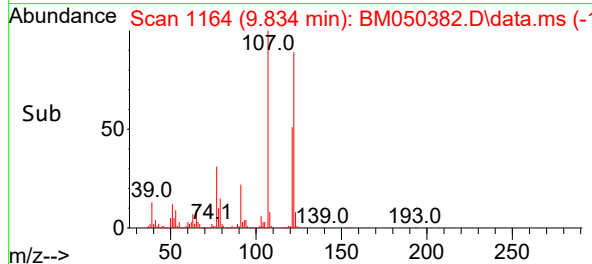
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 112476
Ion Ratio Lower Upper
122 100
107 113.0 93.0 139.6
121 57.2 46.1 69.1

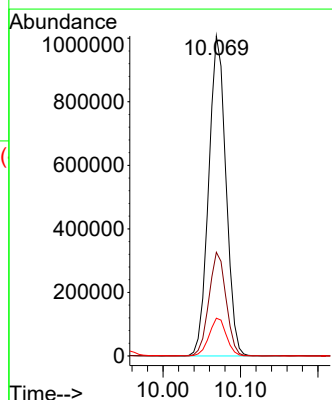
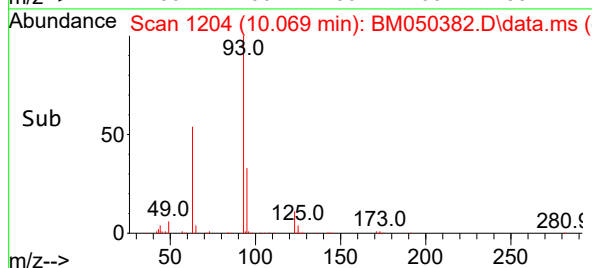
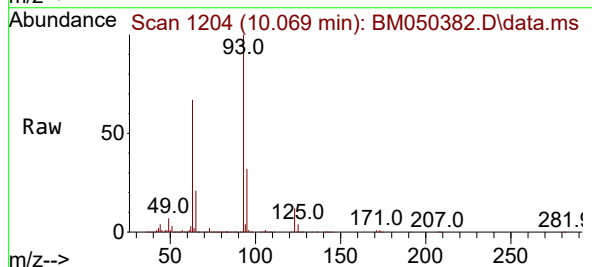
Manual Integrations
APPROVED

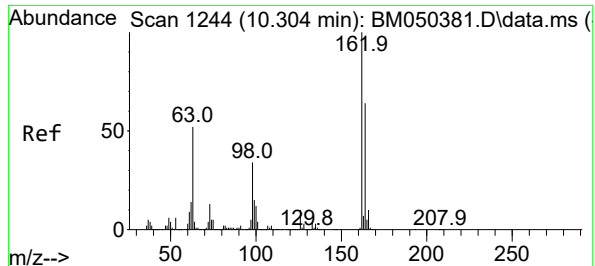
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 53.910 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

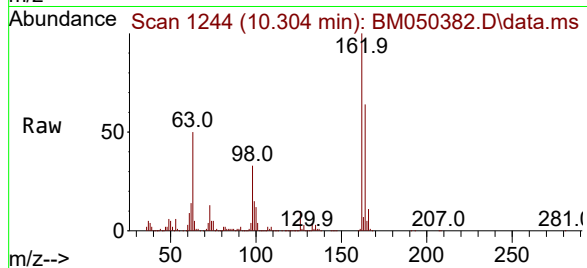
Tgt Ion: 93 Resp: 1555003
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.8 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 55.130 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

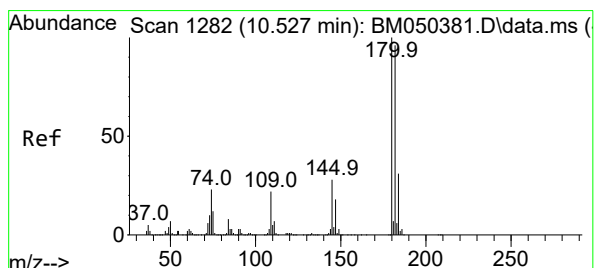
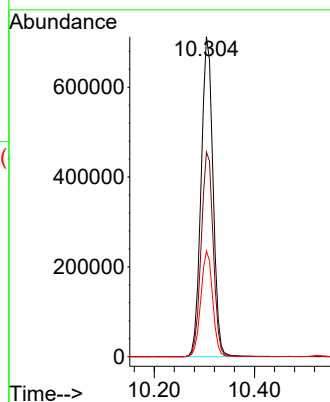
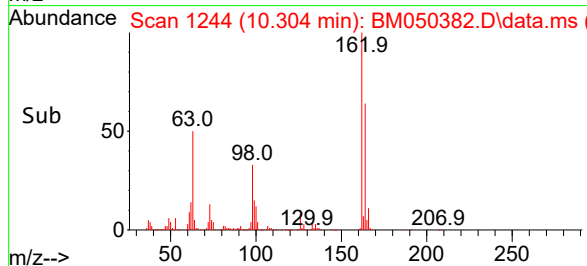
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 1175850
Ion Ratio Lower Upper
162 100
164 64.0 43.7 83.7
98 33.0 13.7 53.7

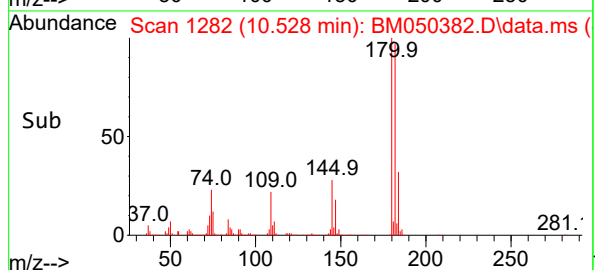
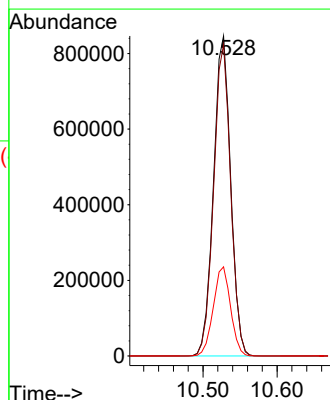
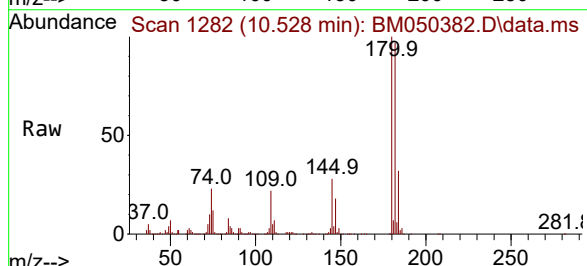
Manual Integrations
APPROVED

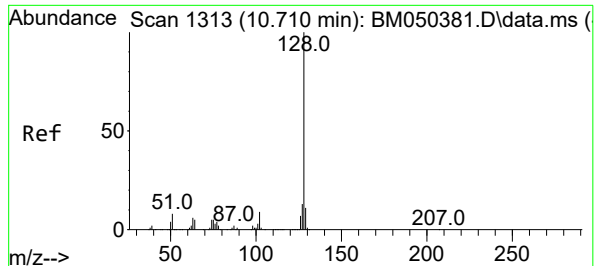
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 53.267 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

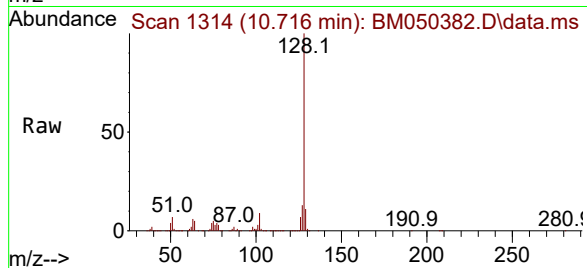
Tgt Ion:180 Resp: 1359109
Ion Ratio Lower Upper
180 100
182 97.3 76.8 115.2
145 27.9 22.6 33.8





#31
Naphthalene
Concen: 52.691 ng
RT: 10.716 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

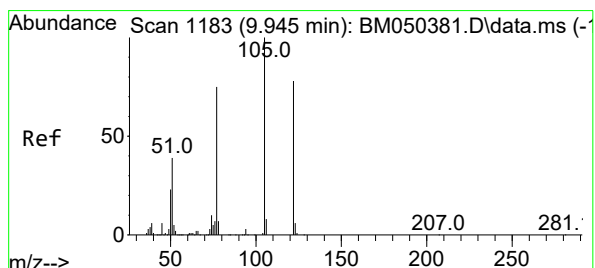
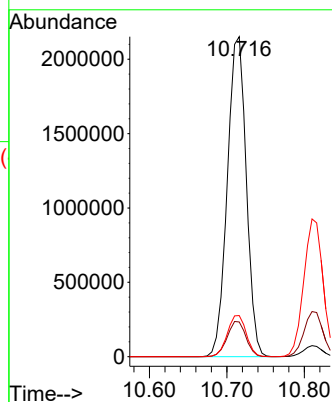
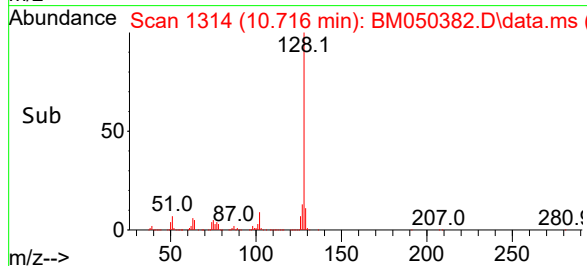
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 3662840
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.4 15.6

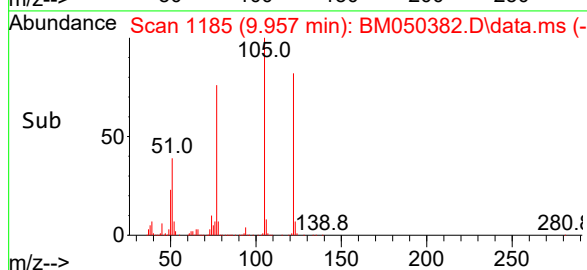
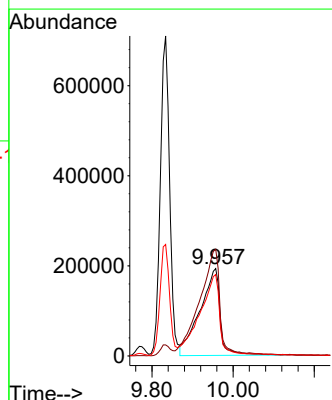
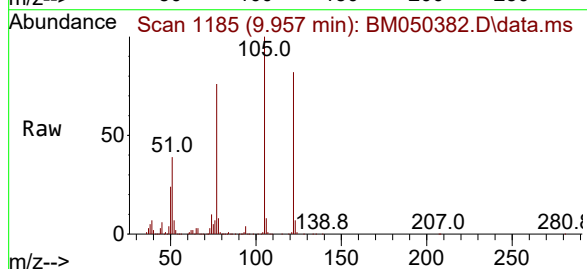
Manual Integrations
APPROVED

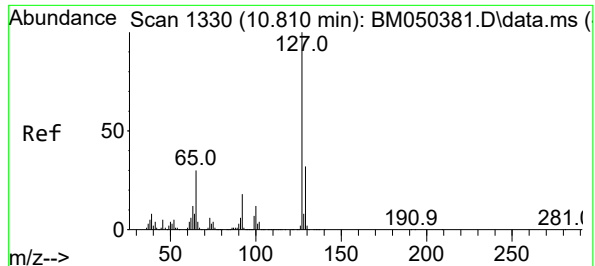
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#32
Benzoic acid
Concen: 51.765 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

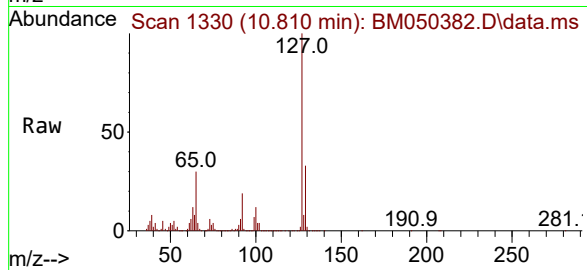
Tgt Ion:122 Resp: 666467
Ion Ratio Lower Upper
122 100
105 122.1 104.0 144.0
77 93.3 73.8 113.8





#33
4-Chloroaniline
Concen: 54.189 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

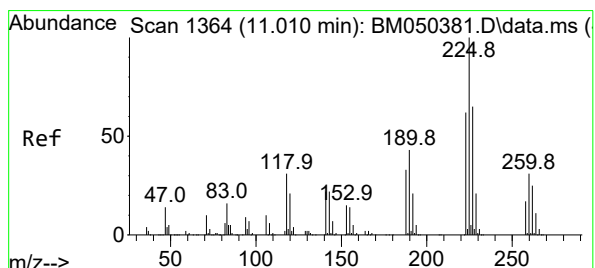
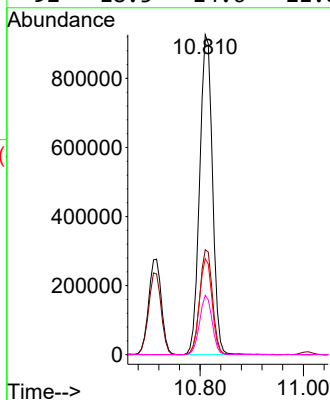
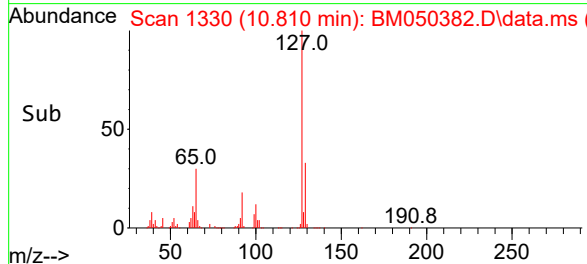
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 1592528
Ion Ratio Lower Upper
127 100
129 32.8 25.5 38.3
65 30.0 23.9 35.9
92 18.5 14.6 21.8

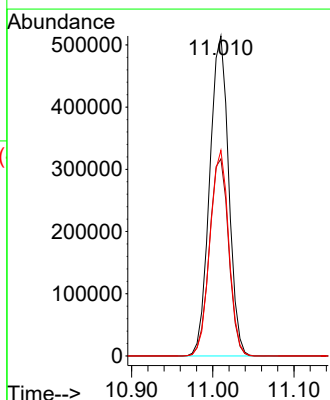
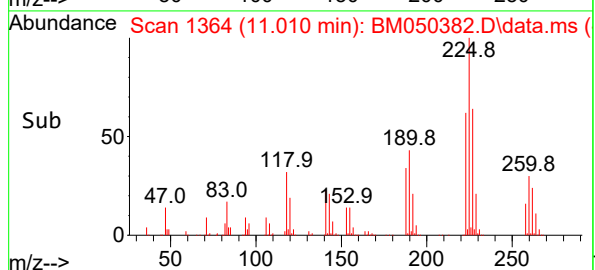
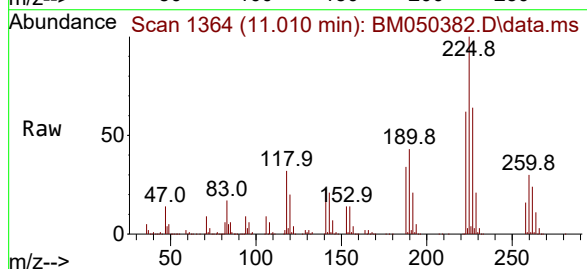
Manual Integrations
APPROVED

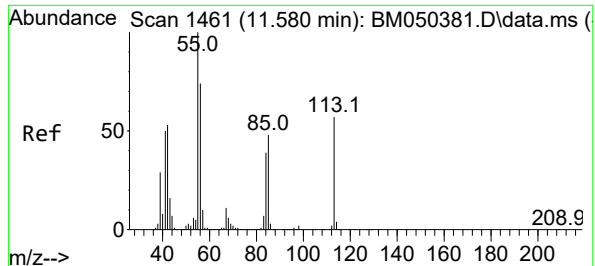
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#34
Hexachlorobutadiene
Concen: 53.639 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

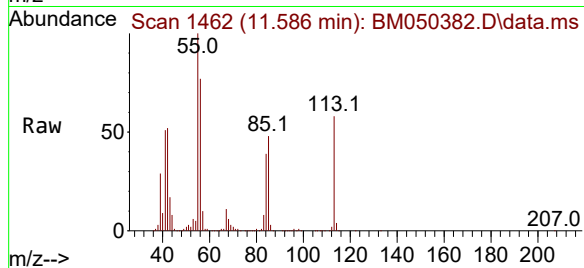
Tgt Ion:225 Resp: 835314
Ion Ratio Lower Upper
225 100
223 61.6 49.7 74.5
227 64.2 52.1 78.1





#35
Caprolactam
Concen: 56.364 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

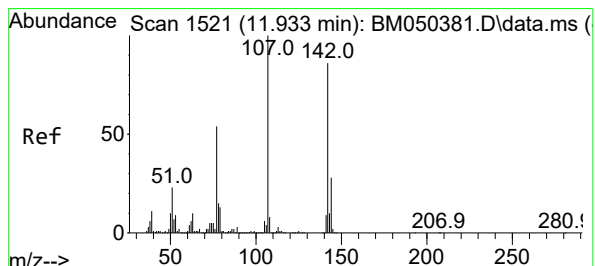
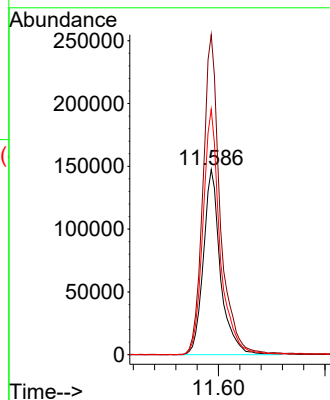
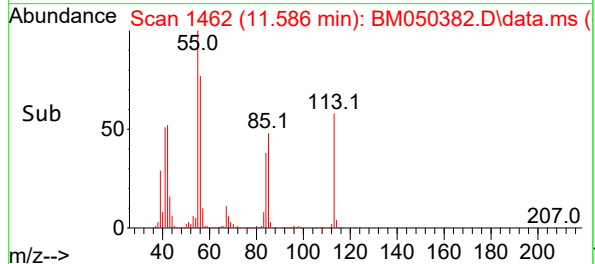
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 32817
Ion Ratio Lower Upper
113 100
55 172.8 157.2 197.2
56 132.6 111.7 151.7

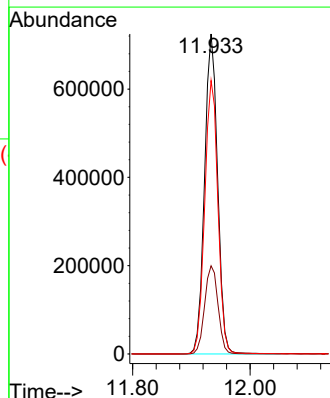
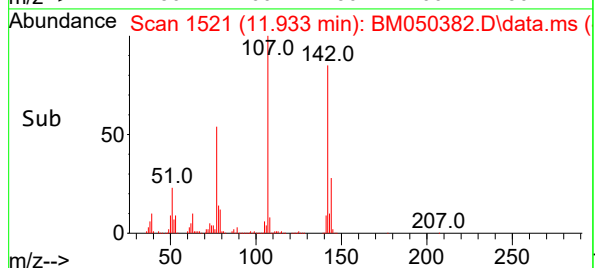
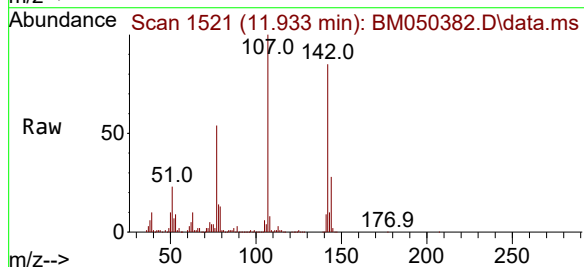
Manual Integrations
APPROVED

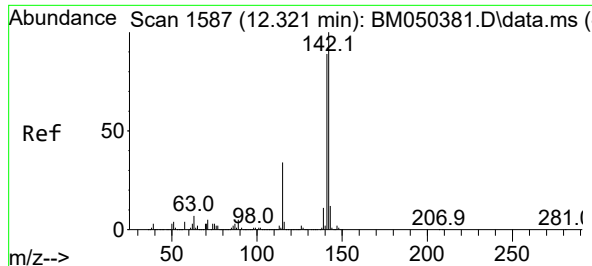
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#36
4-Chloro-3-methylphenol
Concen: 55.959 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

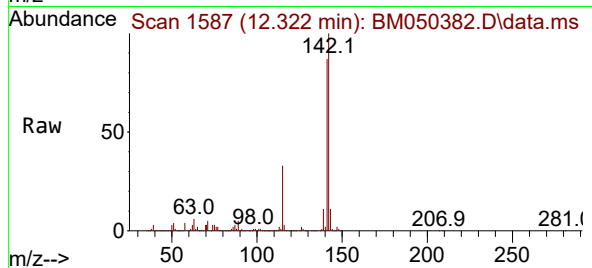
Tgt Ion:107 Resp: 1114543
Ion Ratio Lower Upper
107 100
144 27.6 22.2 33.4
142 85.4 68.7 103.1





#37
2-Methylnaphthalene
Concen: 53.990 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

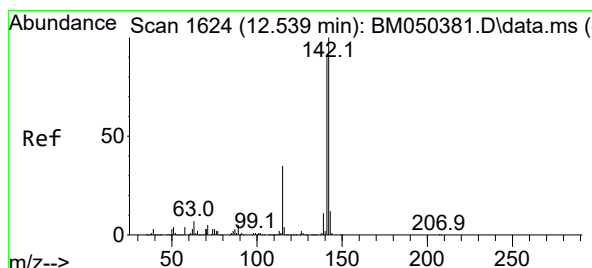
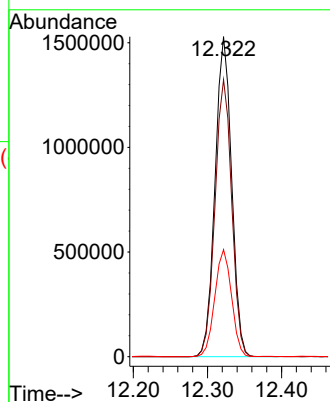
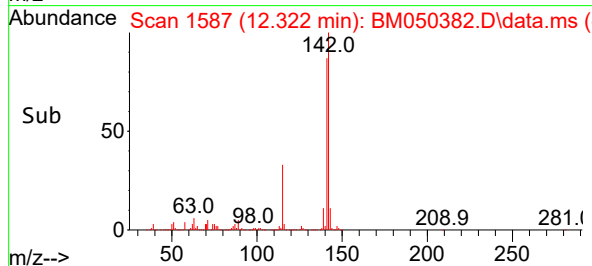
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:142 Resp: 236976
Ion Ratio Lower Upper
142 100
141 86.6 70.8 106.2
115 33.5 27.0 40.4

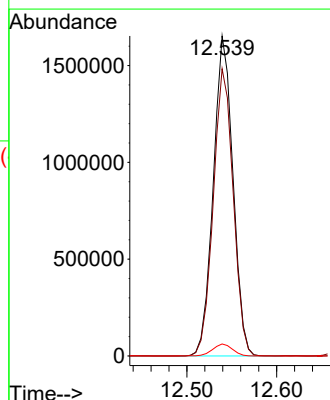
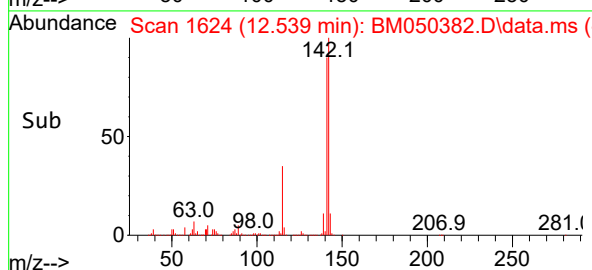
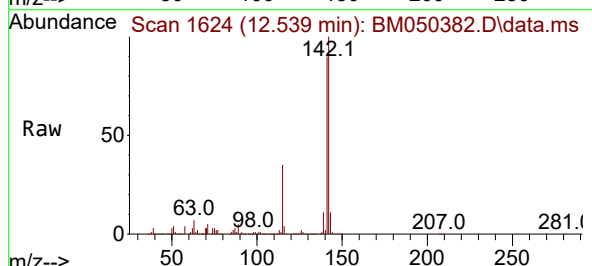
Manual Integrations
APPROVED

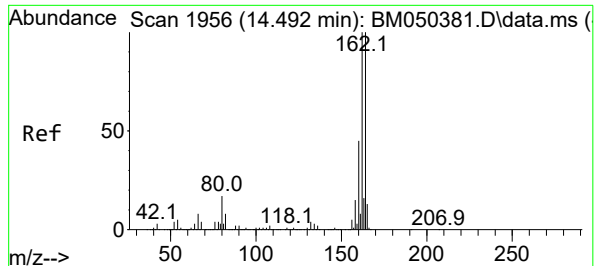
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#38
1-Methylnaphthalene
Concen: 54.226 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

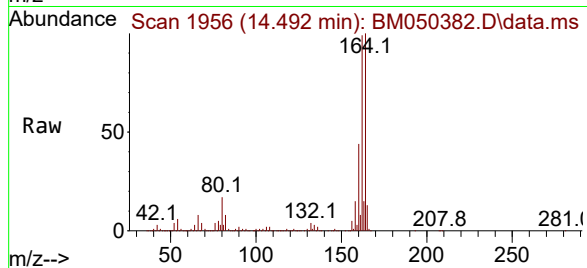
Tgt Ion:142 Resp: 2518911
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

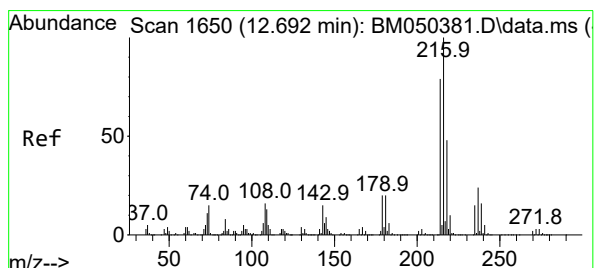
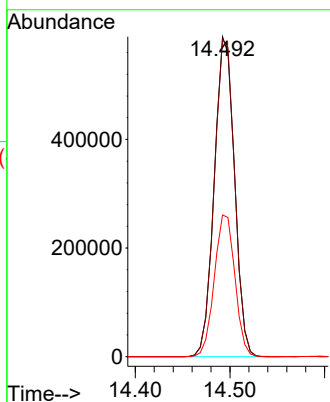
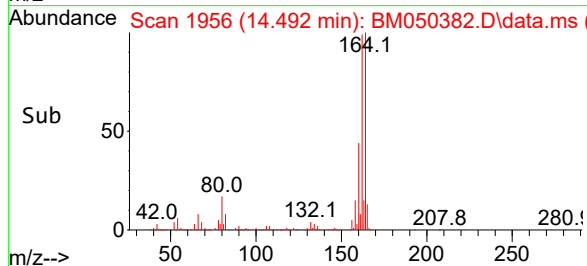
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:164 Resp: 87407
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 44.3 36.2 54.4

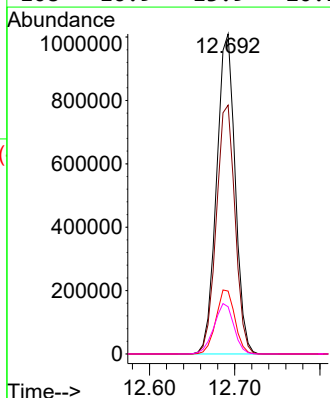
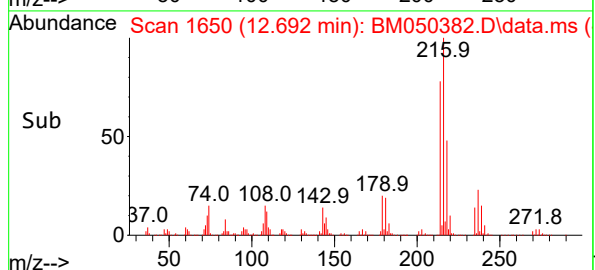
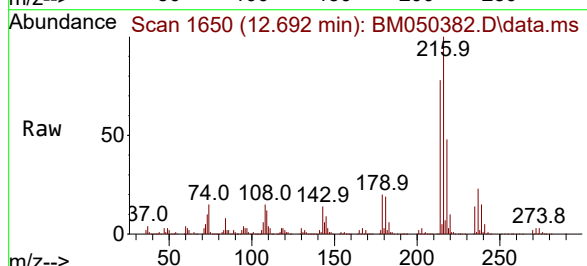
Manual Integrations
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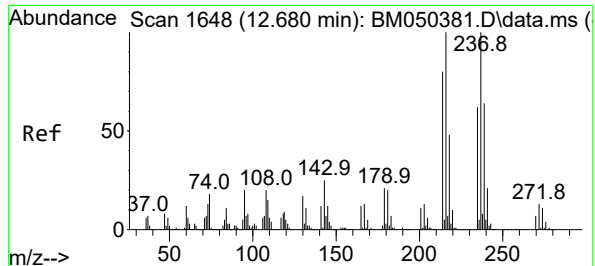
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.004 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

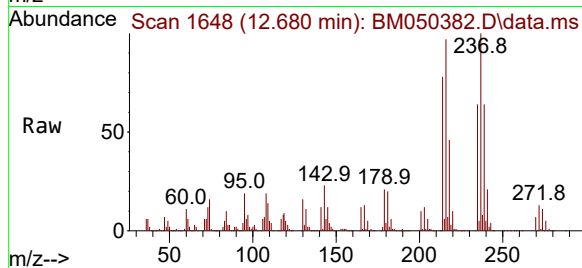
Tgt Ion:216 Resp: 1528897
Ion Ratio Lower Upper
216 100
214 78.4 63.3 94.9
179 20.4 16.4 24.6
108 16.9 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 55.306 ng
RT: 12.680 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

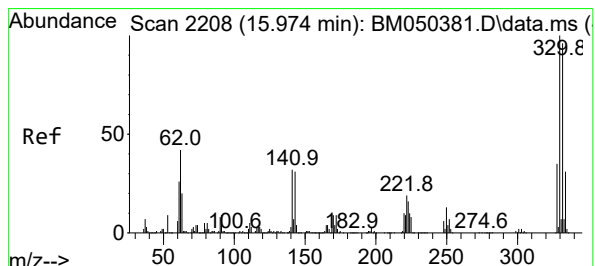
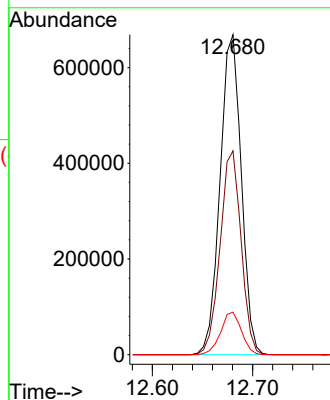
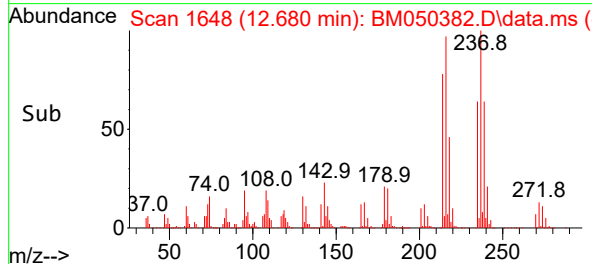
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:237 Resp: 982675
Ion Ratio Lower Upper
237 100
235 63.7 42.3 82.3
272 13.3 0.0 33.0

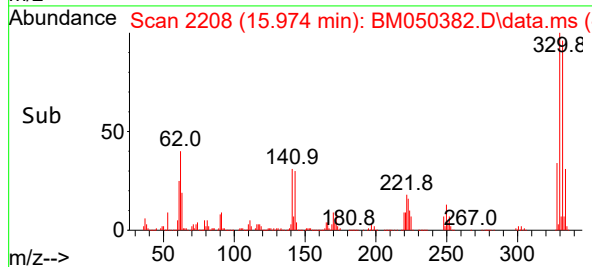
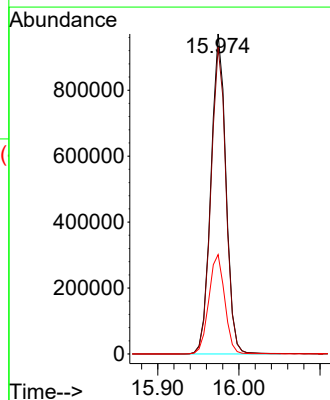
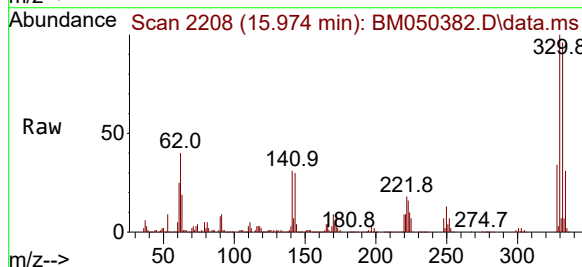
Manual Integrations
APPROVED

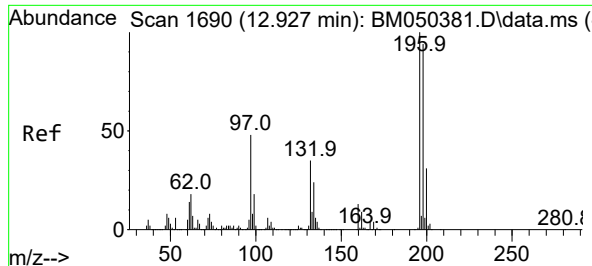
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#42
2,4,6-Tribromophenol
Concen: 117.361 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:330 Resp: 1246384
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 32.9 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 56.583 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050382.D

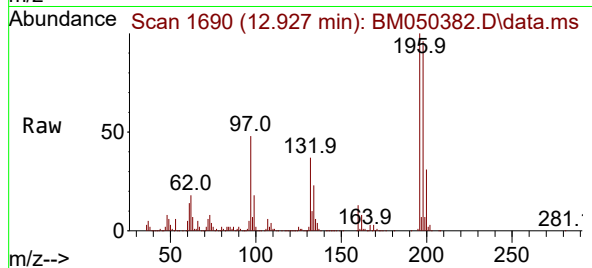
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDIC050



Tgt Ion:196 Resp: 968128

Ion Ratio Lower Upper

196 100

198 96.4 75.1 112.7

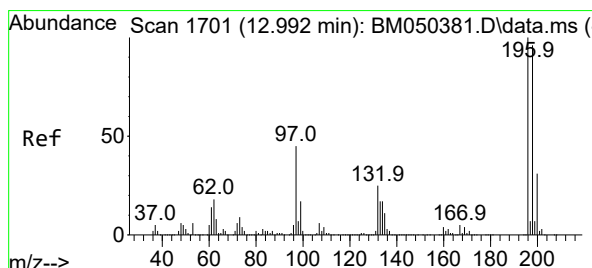
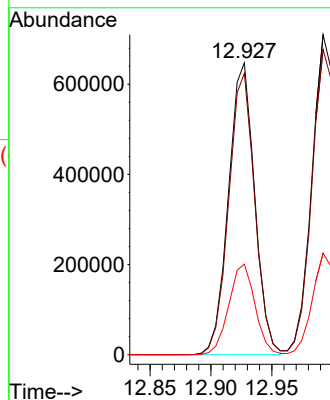
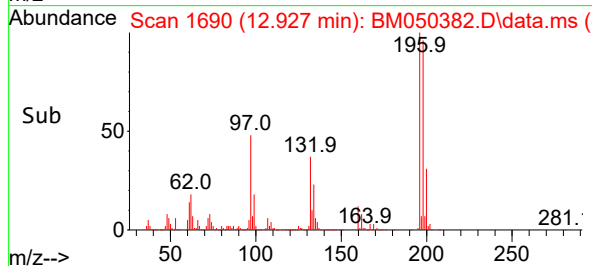
200 31.0 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#44

2,4,5-Trichlorophenol

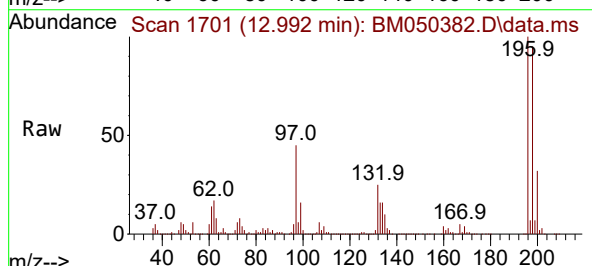
Concen: 56.628 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01



Tgt Ion:196 Resp: 1058158

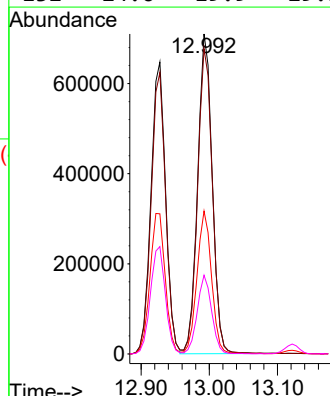
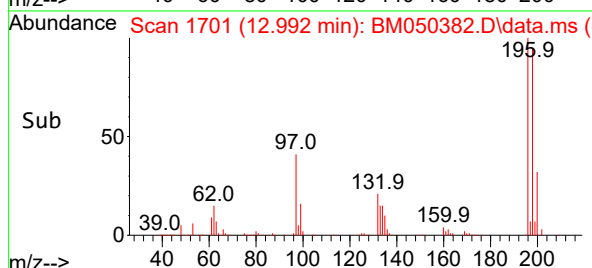
Ion Ratio Lower Upper

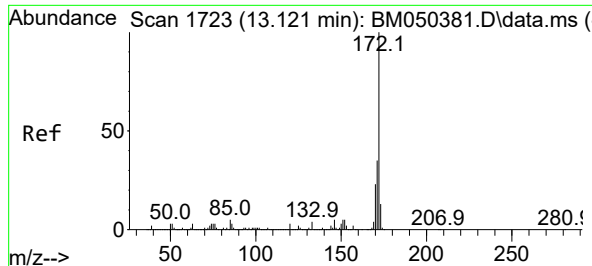
196 100

198 95.4 77.2 115.8

97 44.6 36.2 54.4

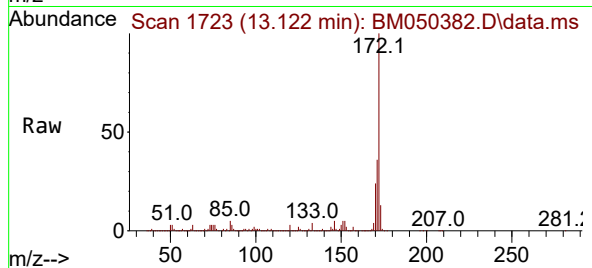
132 24.6 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 108.218 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

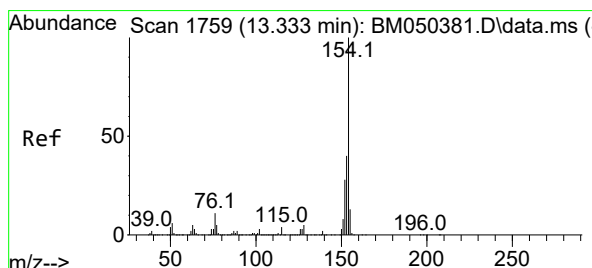
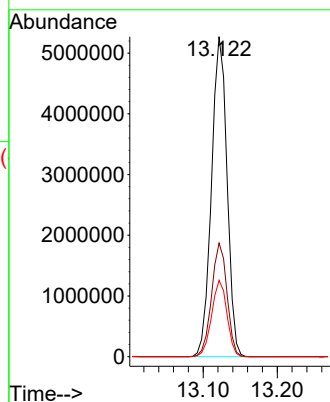
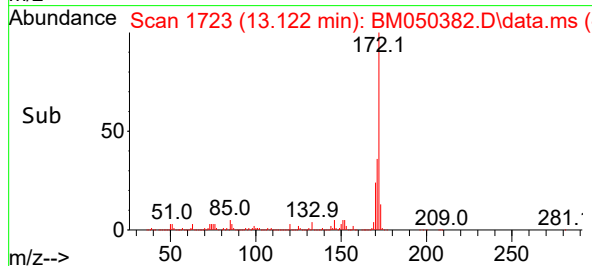
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 765962
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 23.9 18.8 28.2

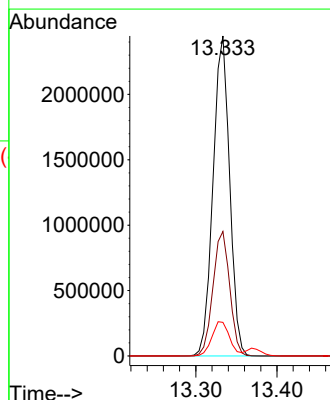
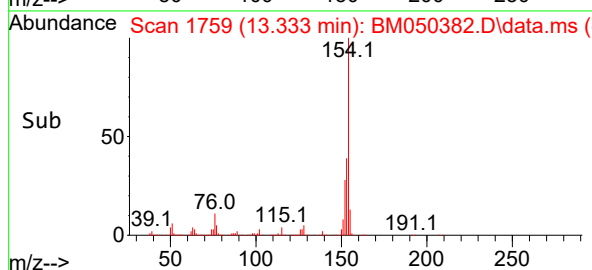
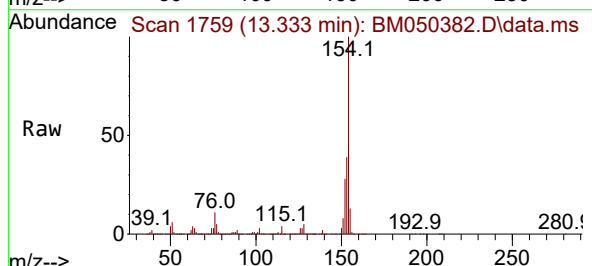
Manual Integrations
APPROVED

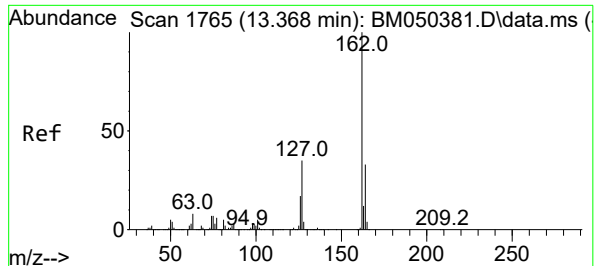
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#46
1,1'-Biphenyl
Concen: 53.449 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

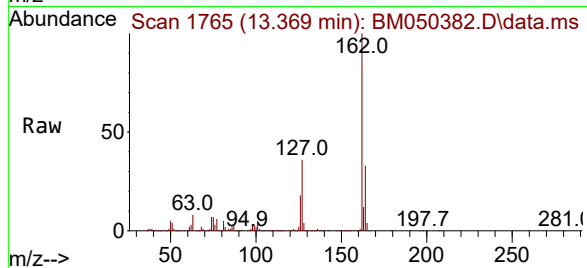
Tgt Ion:154 Resp: 3466190
Ion Ratio Lower Upper
154 100
153 38.9 19.7 59.7
76 10.5 0.0 30.9





#47
2-Chloronaphthalene
Concen: 53.538 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

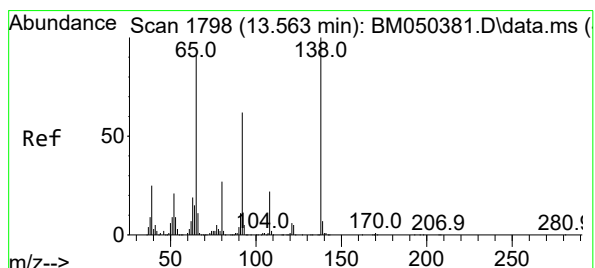
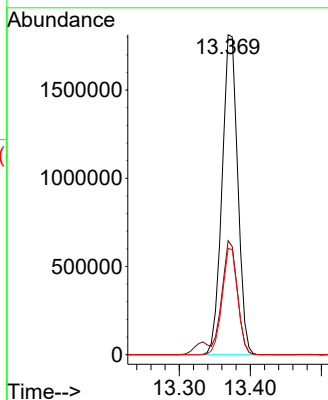
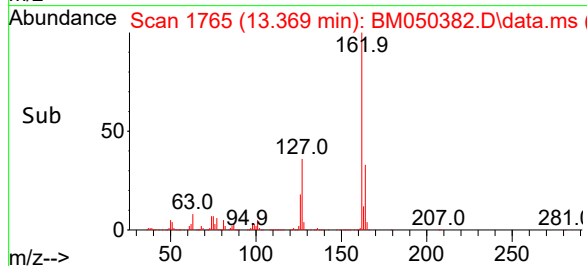
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:162 Resp: 2768272
Ion Ratio Lower Upper
162 100
127 35.6 28.3 42.5
164 33.3 26.6 40.0

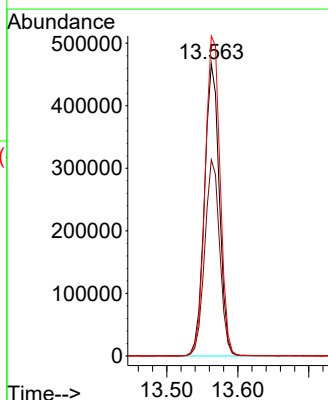
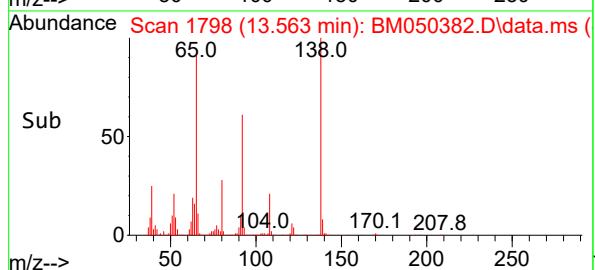
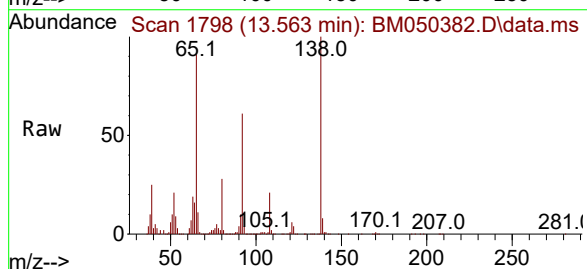
Manual Integrations
APPROVED

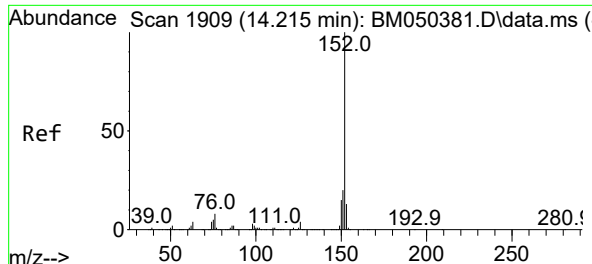
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#48
2-Nitroaniline
Concen: 59.115 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

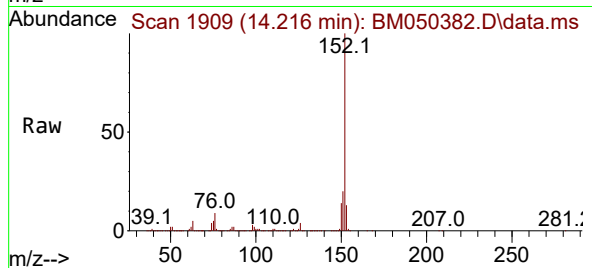
Tgt Ion: 65 Resp: 682263
Ion Ratio Lower Upper
65 100
92 67.2 54.3 81.5
138 109.6 87.8 131.6





#49
Acenaphthylene
Concen: 54.707 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

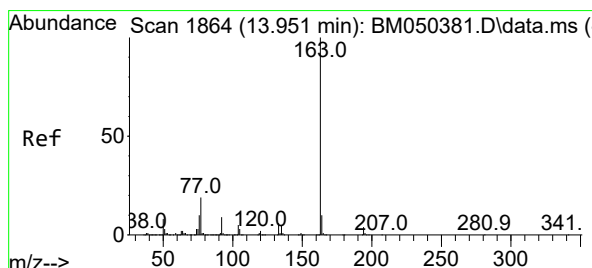
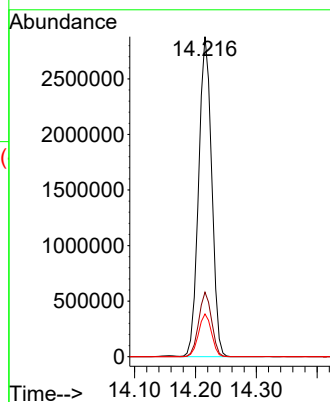
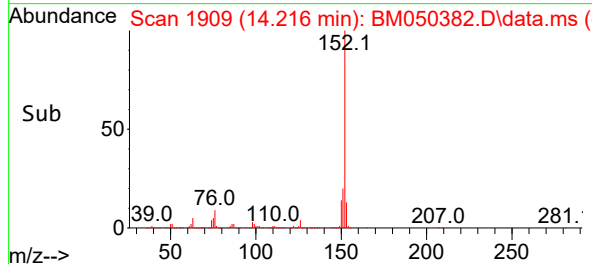
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 4274915
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 10.6 15.8

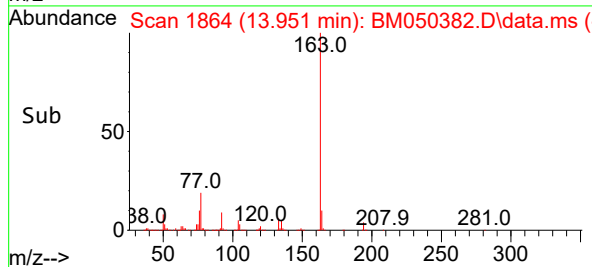
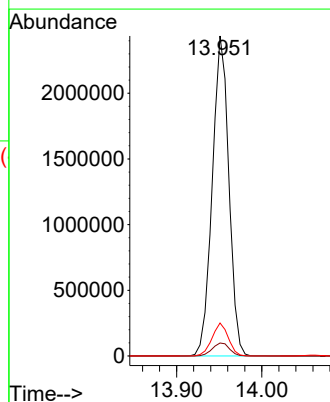
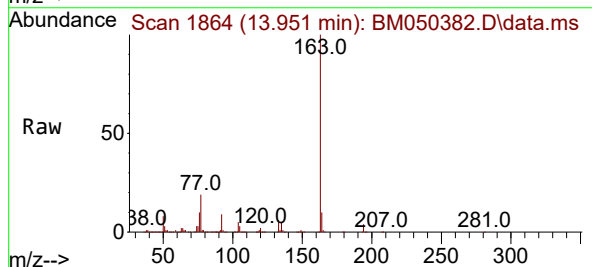
Manual Integrations
APPROVED

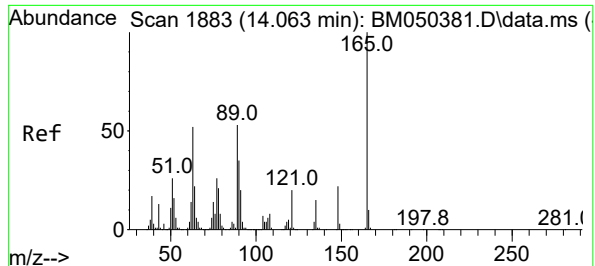
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#50
Dimethylphthalate
Concen: 54.681 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

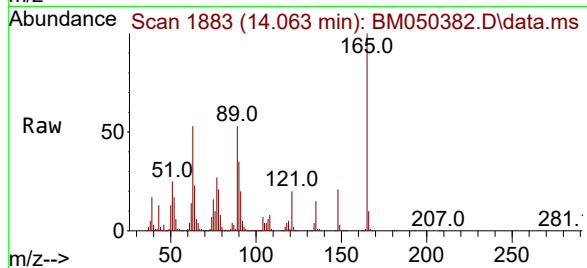
Tgt Ion:163 Resp: 3290612
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 58.189 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

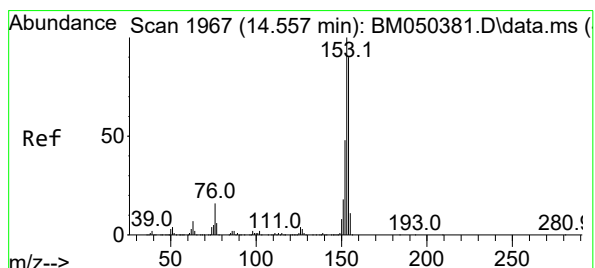
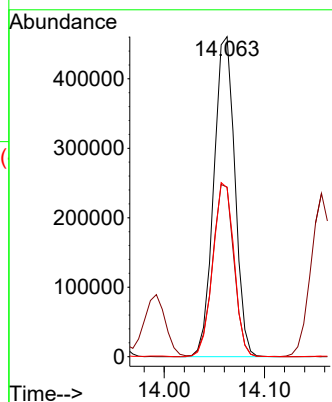
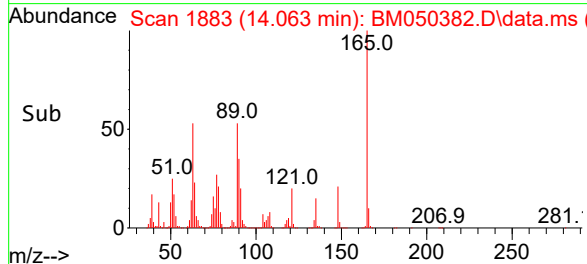
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 672335
Ion Ratio Lower Upper
165 100
63 53.0 42.4 63.6
89 52.8 42.2 63.2

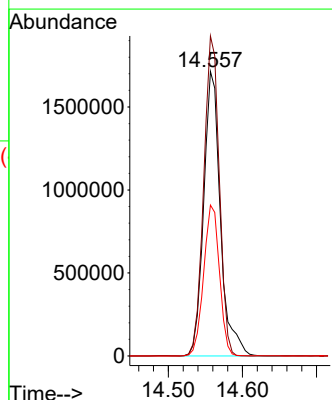
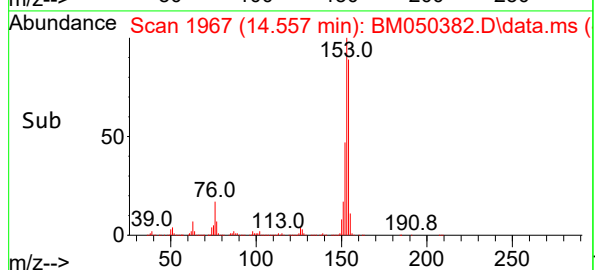
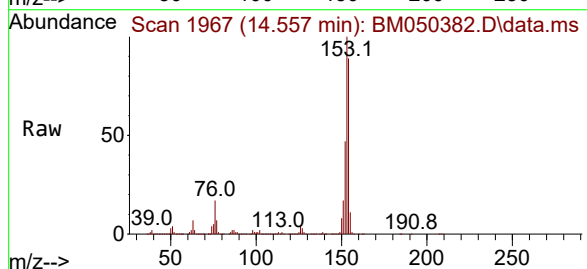
Manual Integrations
APPROVED

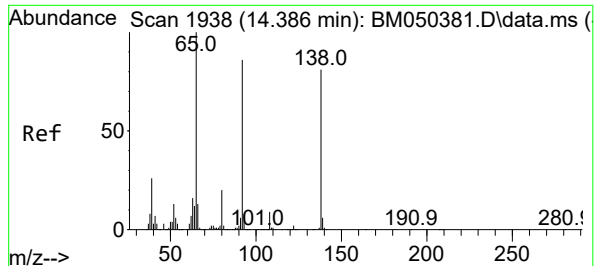
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#52
Acenaphthene
Concen: 54.128 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

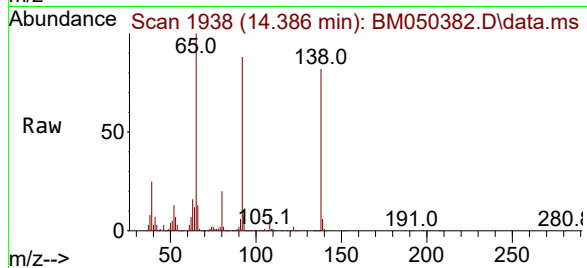
Tgt Ion:154 Resp: 2689063
Ion Ratio Lower Upper
154 100
153 112.5 89.2 133.8
152 53.0 42.6 64.0





#53
3-Nitroaniline
Concen: 58.770 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

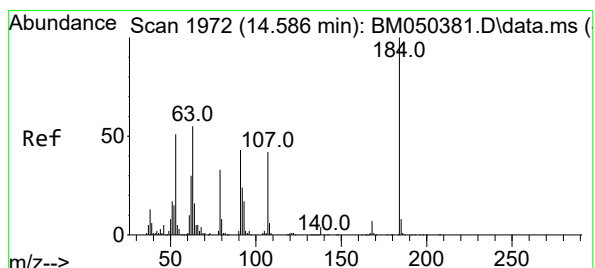
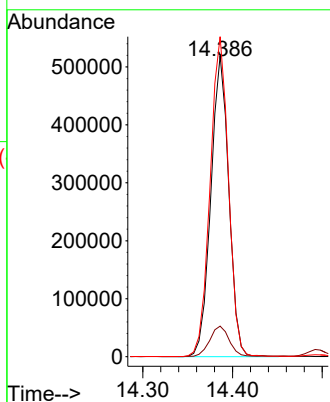
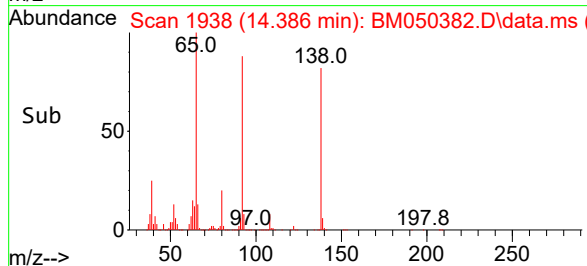
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



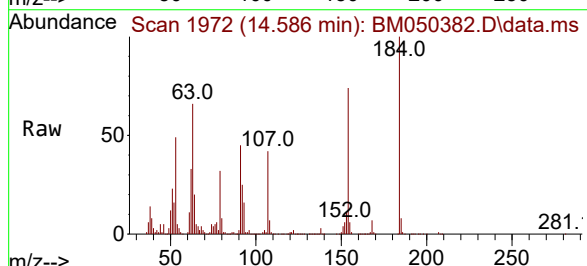
Tgt Ion:138 Resp: 722162
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 106.3 85.0 127.6

Manual Integrations
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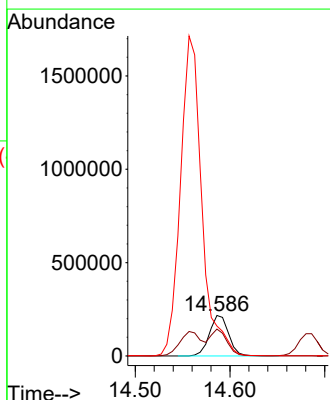
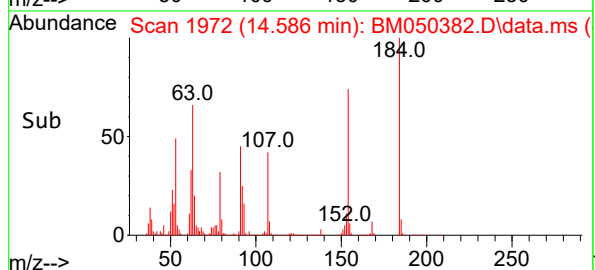
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

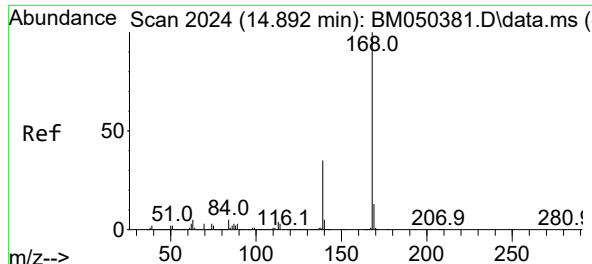


#54
2,4-Dinitrophenol
Concen: 50.427 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



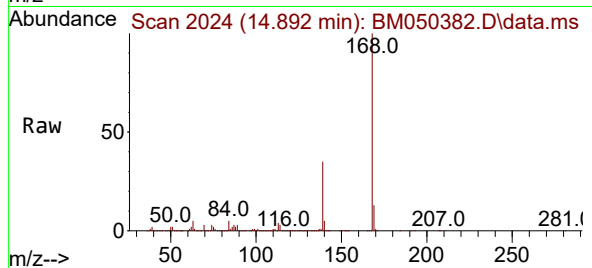
Tgt Ion:184 Resp: 305096
Ion Ratio Lower Upper
184 100
63 66.4 53.4 80.0
154 74.1 61.6 92.4





#55
Dibenzenofuran
Concen: 53.680 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

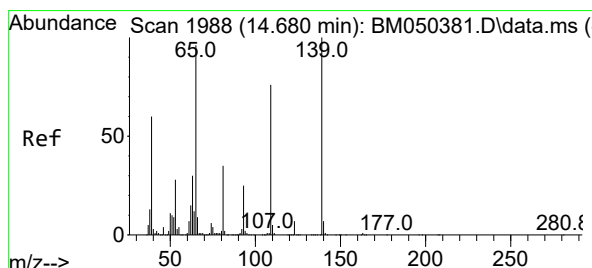
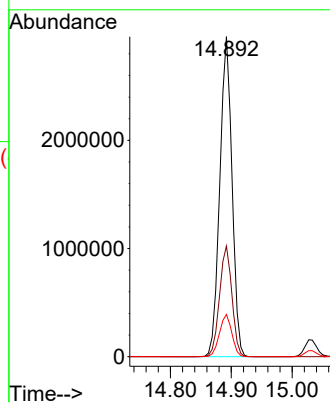
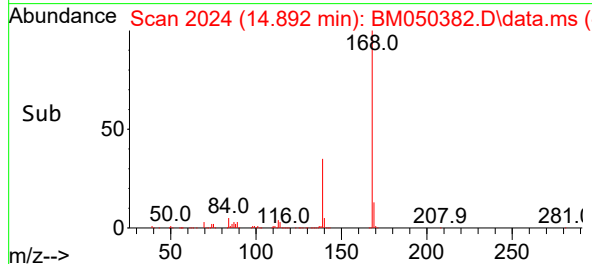
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 410902
Ion Ratio Lower Upper
168 100
139 34.6 27.7 41.5
169 13.2 10.7 16.1

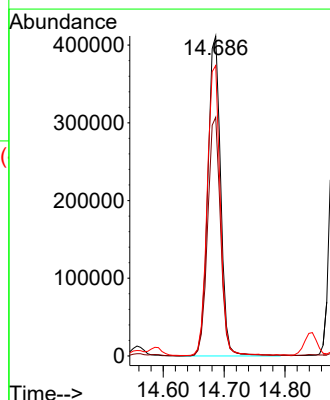
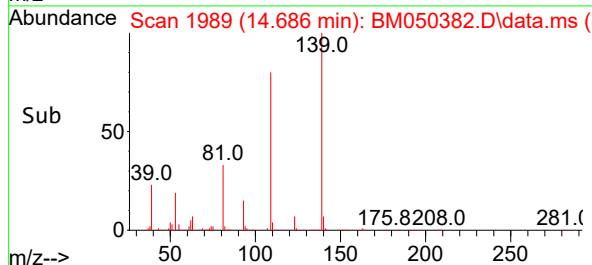
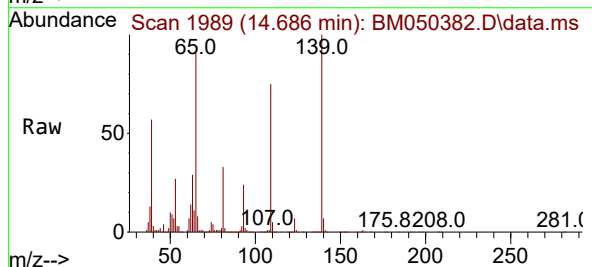
Manual Integrations
APPROVED

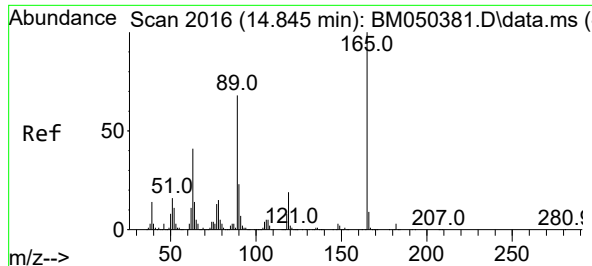
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#56
4-Nitrophenol
Concen: 57.060 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

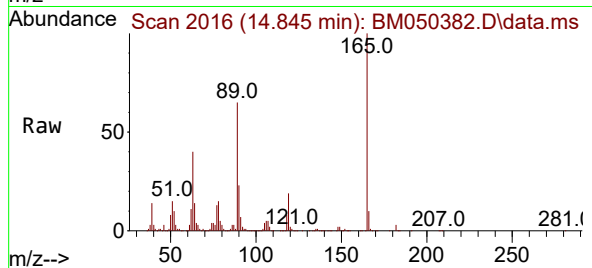
Tgt Ion:139 Resp: 602964
Ion Ratio Lower Upper
139 100
109 74.6 56.5 96.5
65 90.7 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 53.047 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

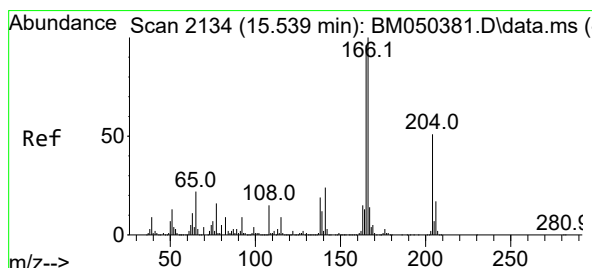
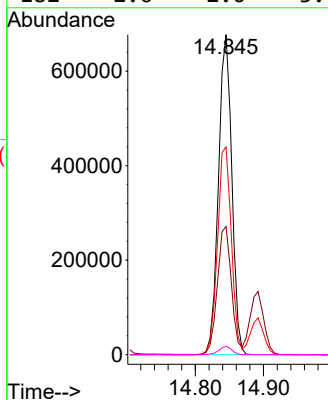
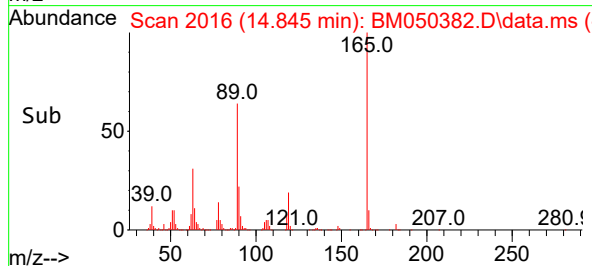
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 922804
Ion Ratio Lower Upper
165 100
63 40.1 32.5 48.7
89 64.9 54.0 81.0
182 2.6 2.0 3.0

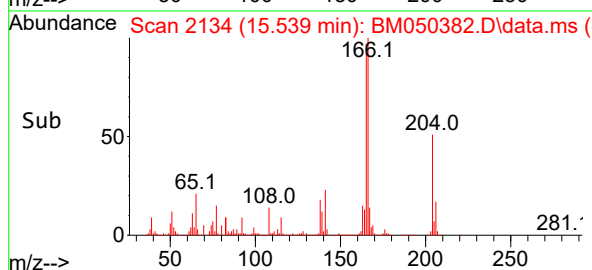
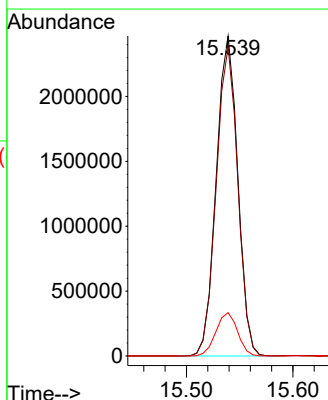
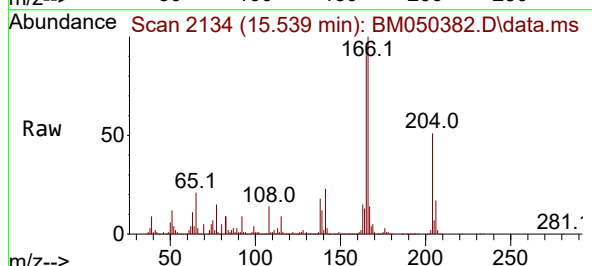
Manual Integrations
APPROVED

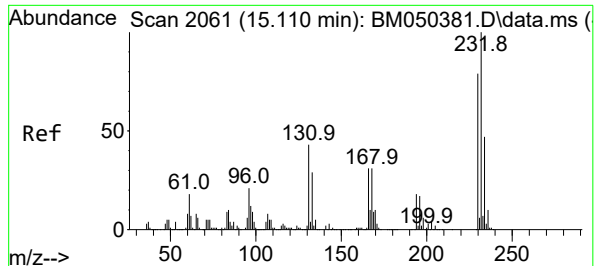
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#58
Fluorene
Concen: 54.837 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:166 Resp: 3457484
Ion Ratio Lower Upper
166 100
165 96.6 77.0 115.6
167 13.5 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 56.275 ng

RT: 15.116 min Scan# 2061

Delta R.T. 0.006 min

Lab File: BM050382.D

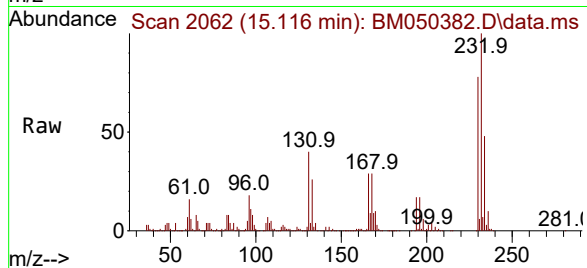
Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050



Tgt Ion:232 Resp: 885190

Ion Ratio Lower Upper

232 100

131 42.0 33.4 50.0

130 2.2 1.8 2.6

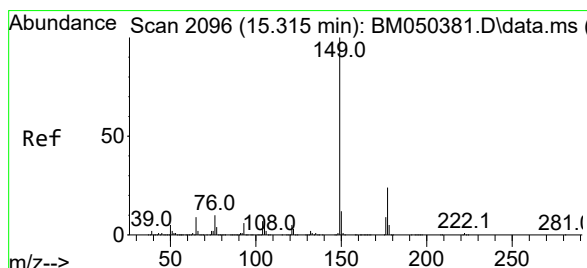
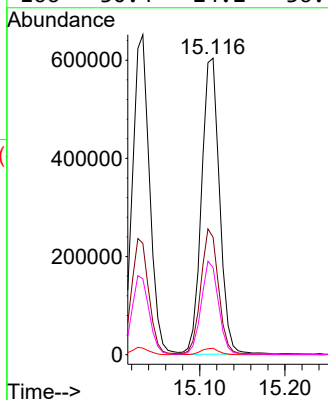
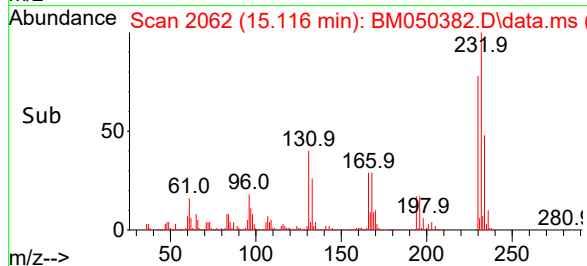
166 30.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#60

Diethylphthalate

Concen: 55.265 ng

RT: 15.316 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

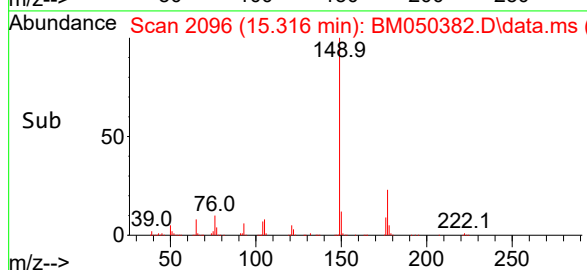
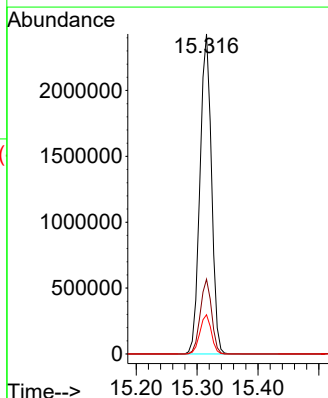
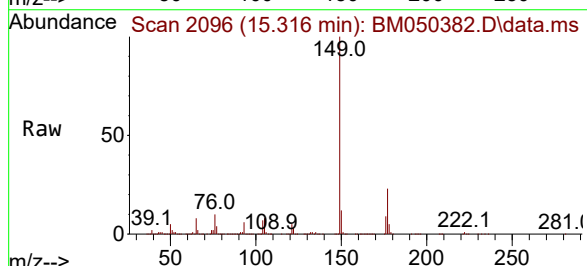
Tgt Ion:149 Resp: 3176896

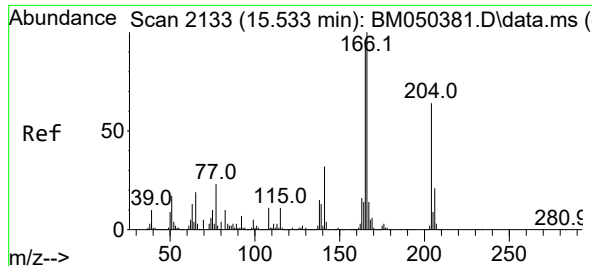
Ion Ratio Lower Upper

149 100

177 23.4 18.8 28.2

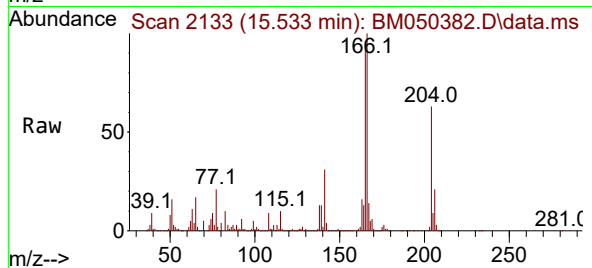
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 55.637 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

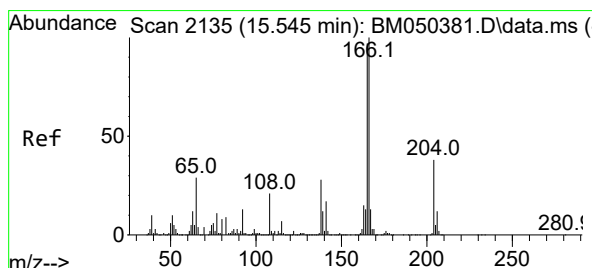
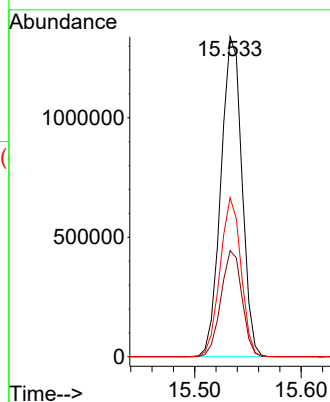
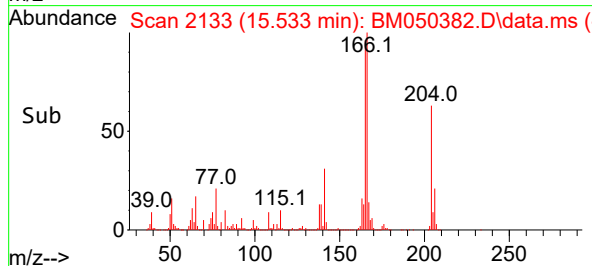
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



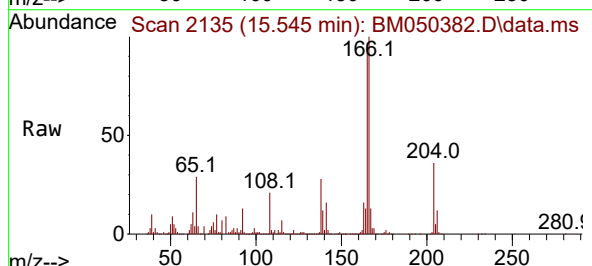
Tgt Ion:204 Resp: 183424
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 49.7 39.9 59.9

Manual Integrations
APPROVED

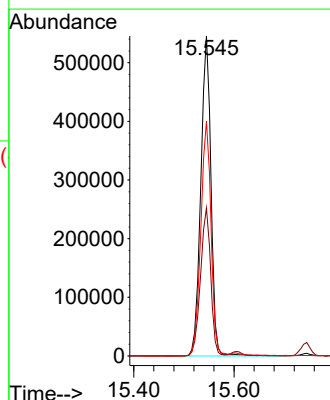
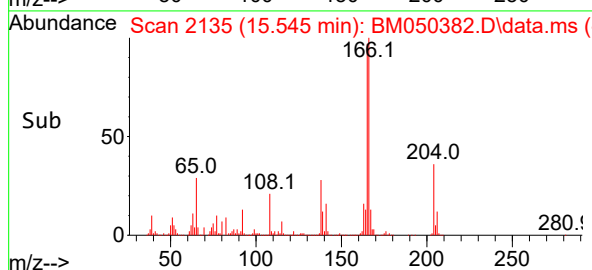
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

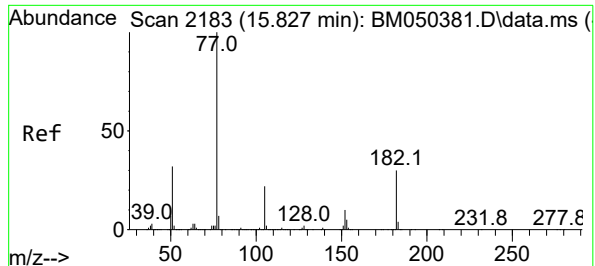


#62
4-Nitroaniline
Concen: 53.869 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



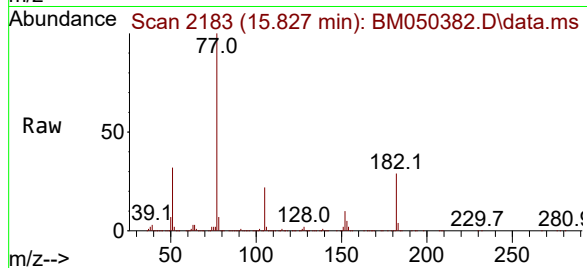
Tgt Ion:138 Resp: 765716
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 73.4 52.5 92.5





#63
Azobenzene
Concen: 55.274 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

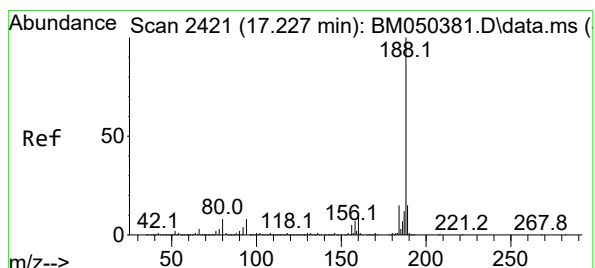
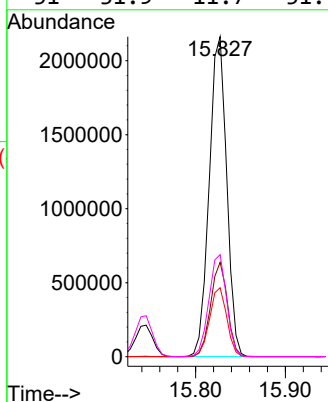
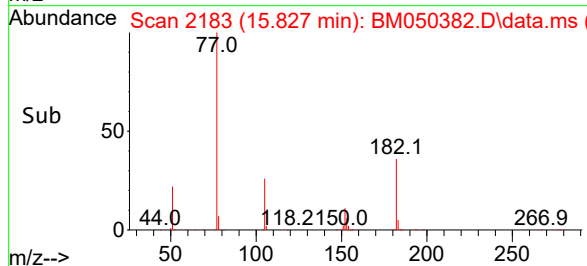
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 291764
Ion Ratio Lower Upper
77 100
182 29.5 10.0 50.0
105 21.6 2.0 42.0
51 31.9 11.7 51.7

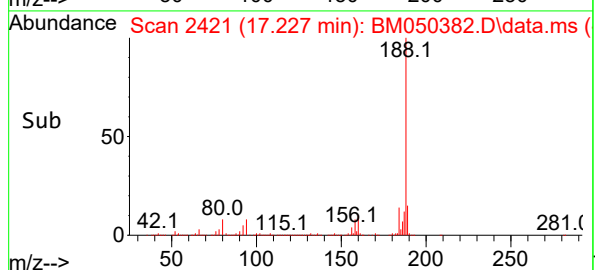
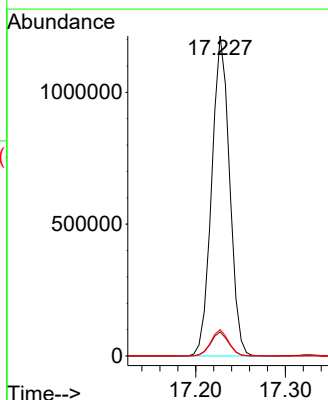
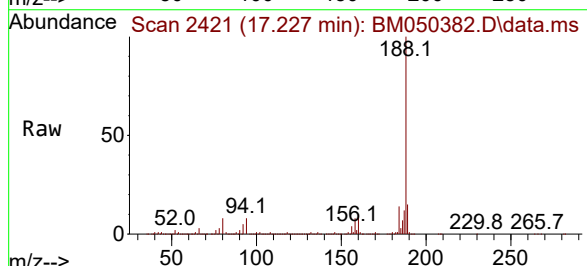
Manual Integrations
APPROVED

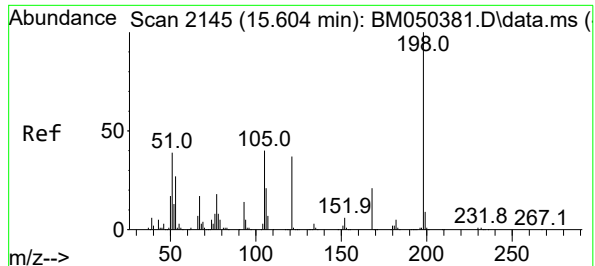
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

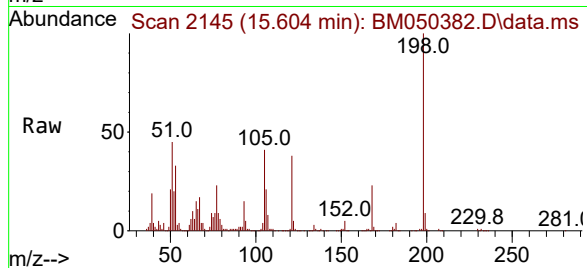
Tgt Ion:188 Resp: 1680679
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 8.3 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 50.395 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

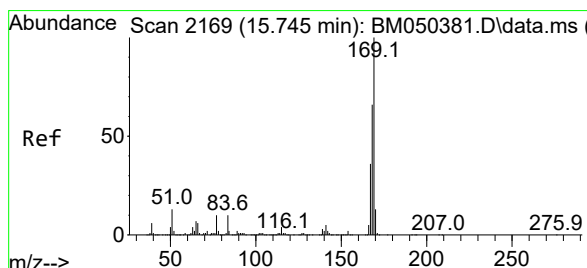
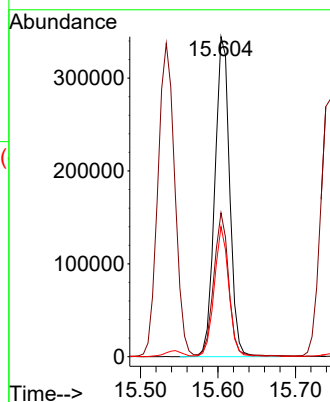
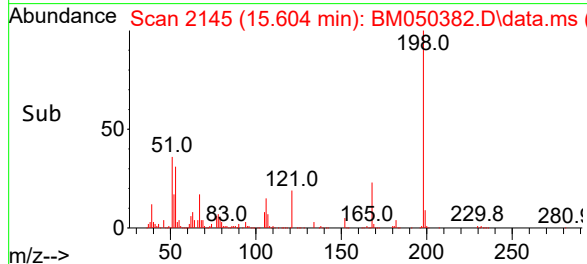
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 458700
Ion Ratio Lower Upper
198 100
51 45.0 26.6 66.6
105 40.6 20.9 60.9

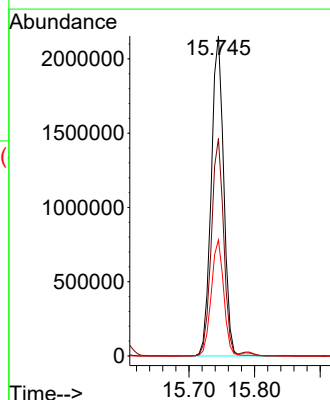
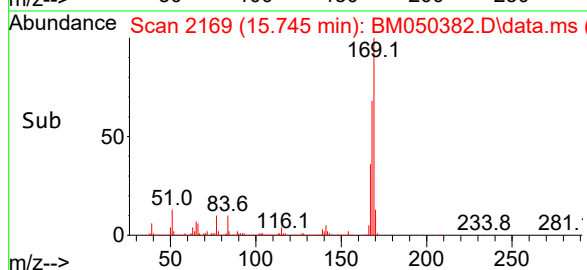
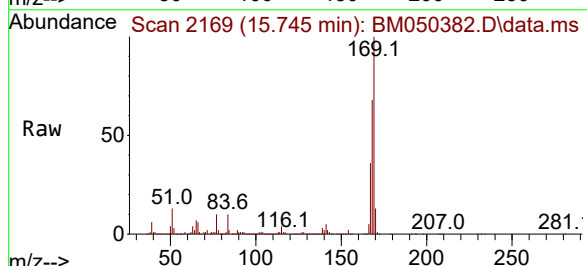
Manual Integrations
APPROVED

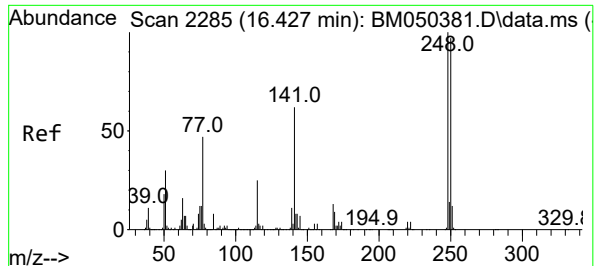
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#66
n-Nitrosodiphenylamine
Concen: 54.137 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

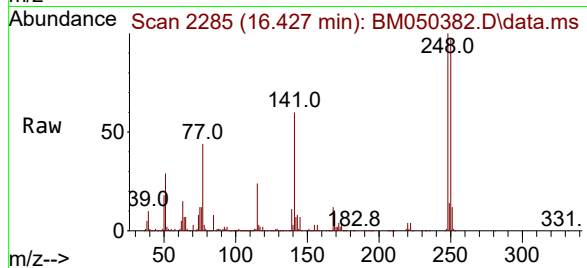
Tgt Ion:169 Resp: 2847134
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 54.881 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

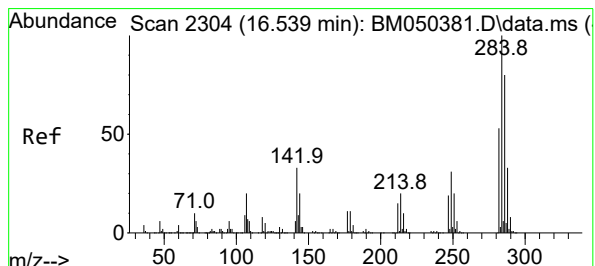
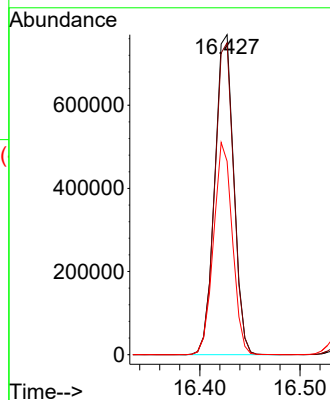
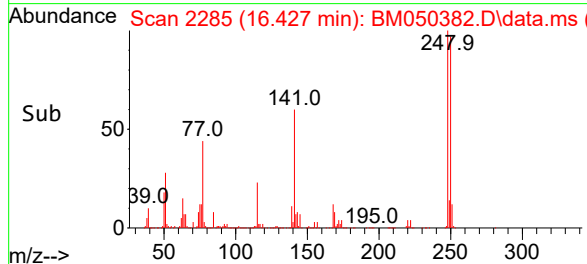
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



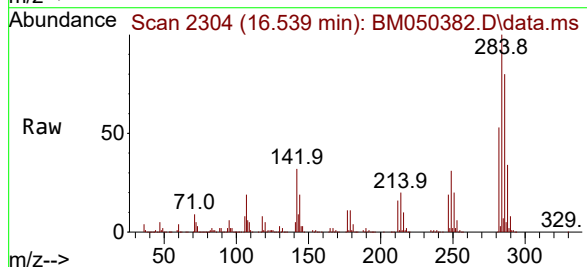
Tgt Ion:248 Resp: 101624
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 60.5 49.7 74.5

Manual Integrations
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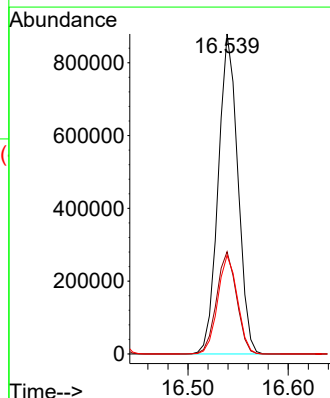
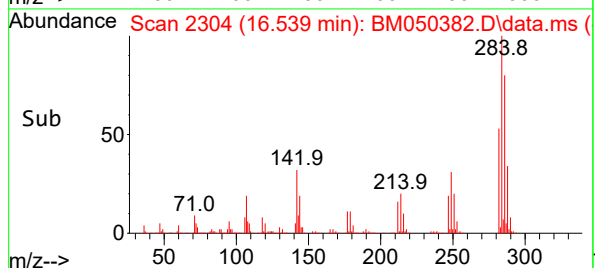
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

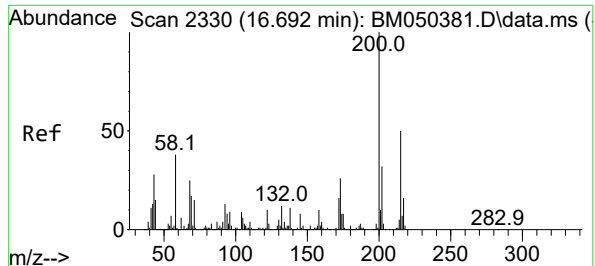


#68
Hexachlorobenzene
Concen: 54.420 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



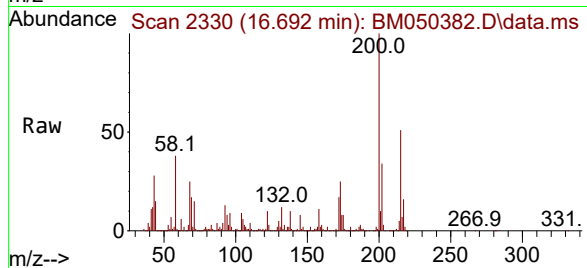
Tgt Ion:284 Resp: 1190183
Ion Ratio Lower Upper
284 100
142 32.0 26.8 40.2
249 30.8 24.5 36.7





#69
Atrazine
Concen: 56.502 ng
RT: 16.692 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

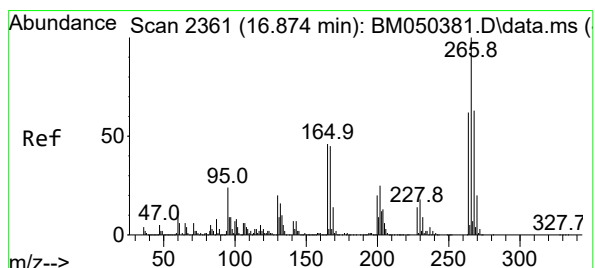
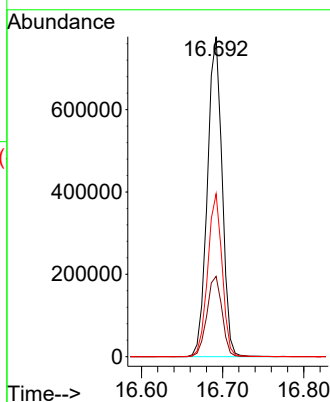
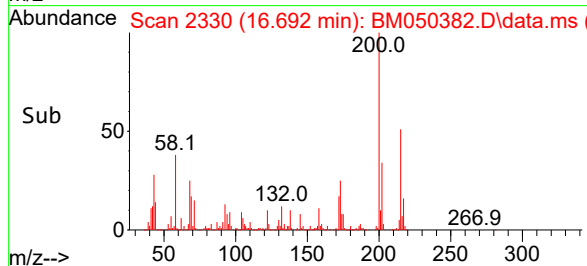
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



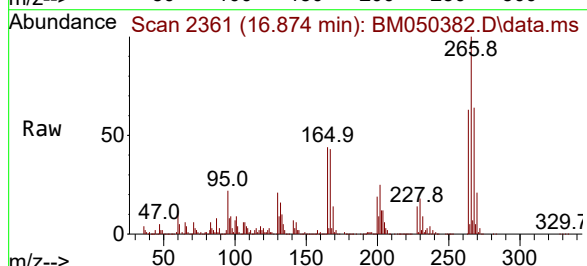
Tgt Ion:200 Resp: 97574
Ion Ratio Lower Upper
200 100
173 25.1 5.6 45.6
215 50.9 29.6 69.6

Manual Integrations
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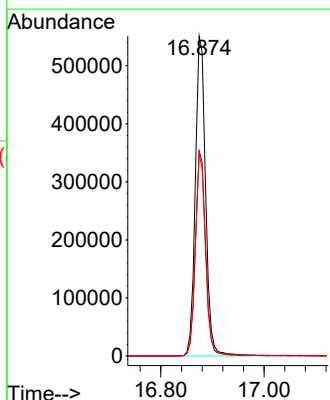
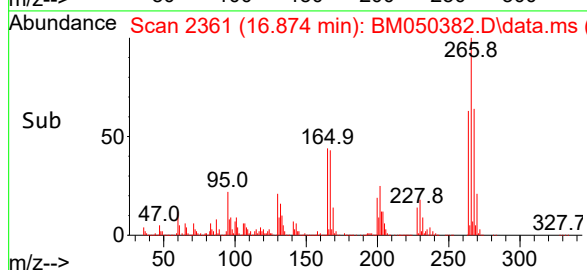
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

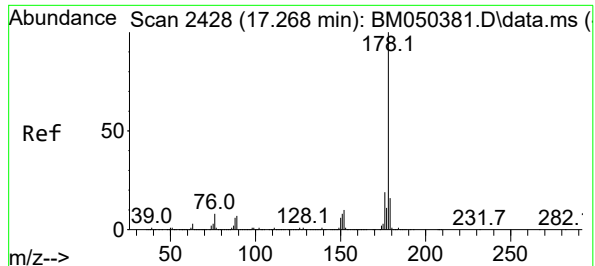


#70
Pentachlorophenol
Concen: 55.986 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01



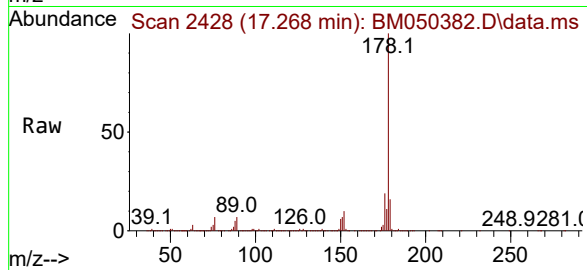
Tgt Ion:266 Resp: 762216
Ion Ratio Lower Upper
266 100
268 64.1 50.5 75.7
264 63.4 49.9 74.9





#71
Phenanthrene
Concen: 53.293 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

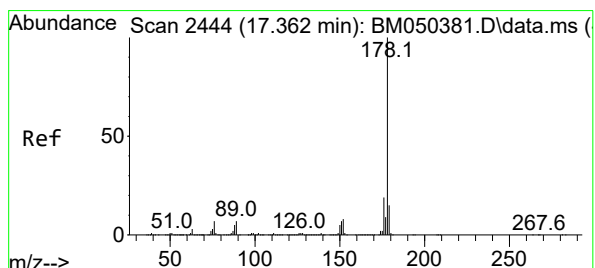
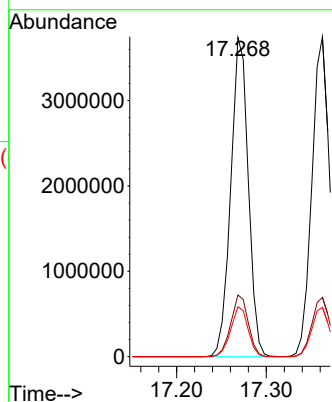
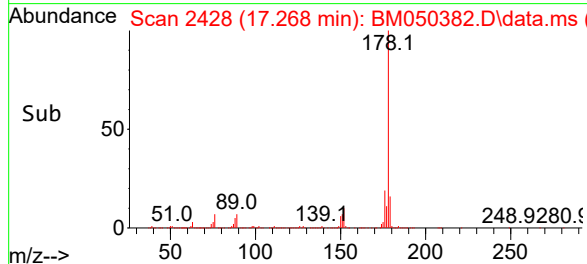
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:178 Resp: 506828
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.6 12.5 18.7

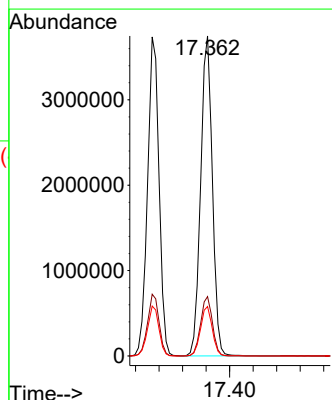
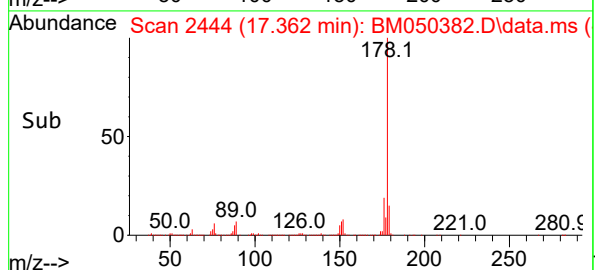
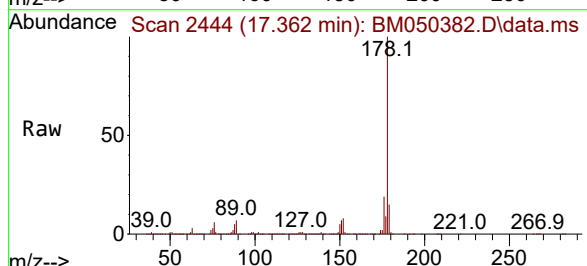
Manual Integrations
APPROVED

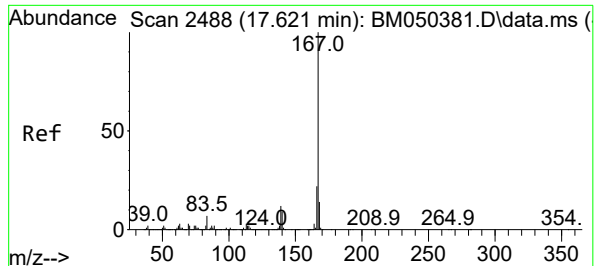
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#72
Anthracene
Concen: 54.717 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

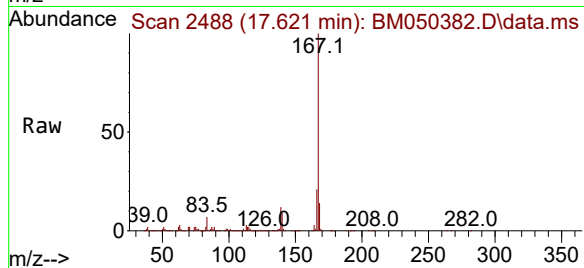
Tgt Ion:178 Resp: 5179830
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4





#73
Carbazole
Concen: 54.372 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

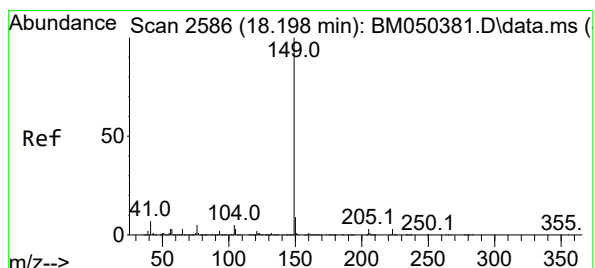
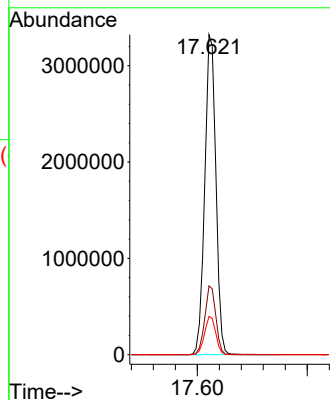
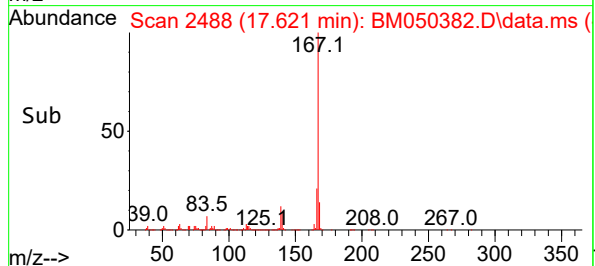
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 465723
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.0 9.9 14.9

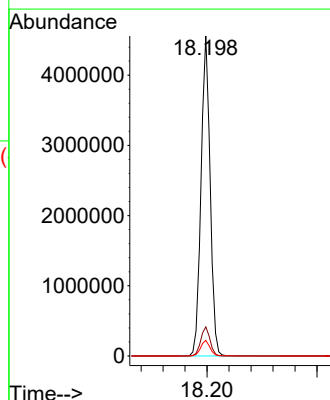
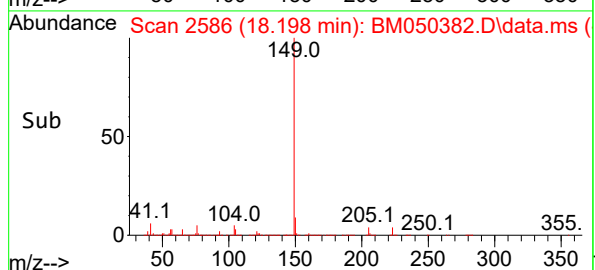
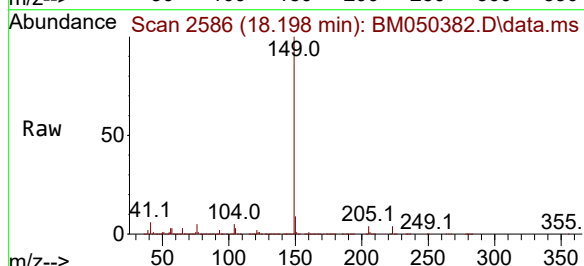
Manual Integrations
APPROVED

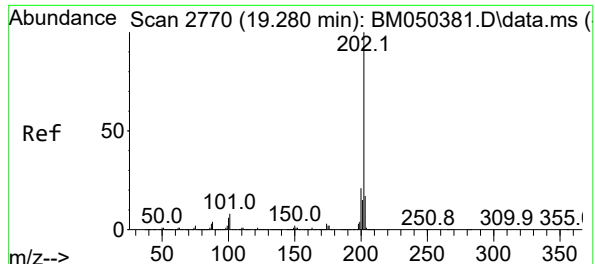
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#74
Di-n-butylphthalate
Concen: 56.091 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

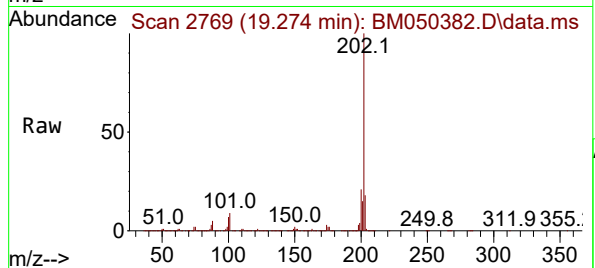
Tgt Ion:149 Resp: 5258750
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 55.500 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

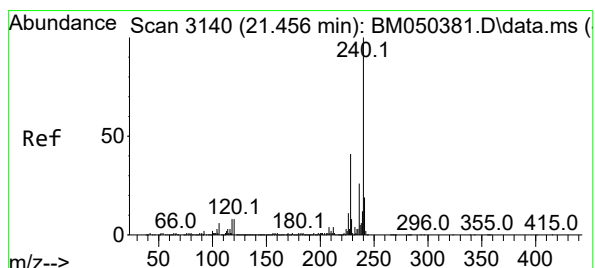
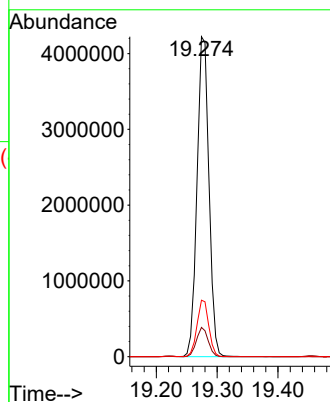
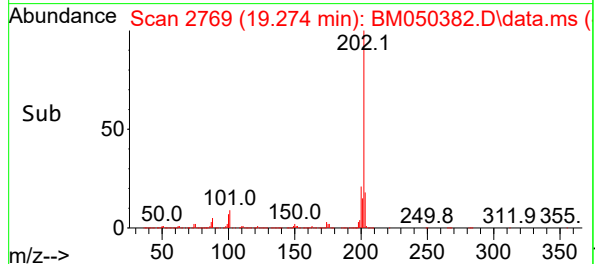
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 5737944
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.3
203 17.7 0.0 37.2

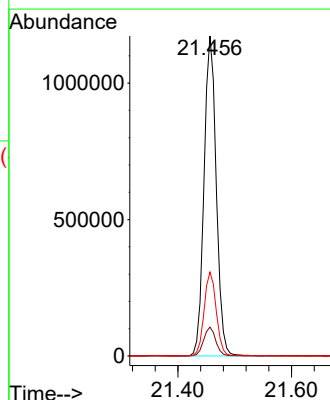
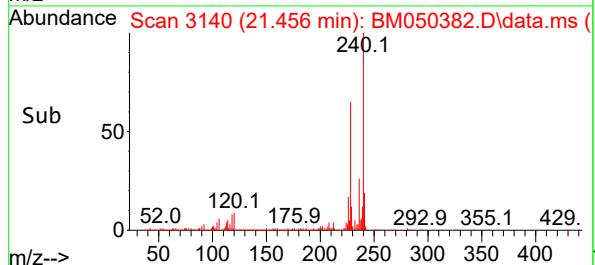
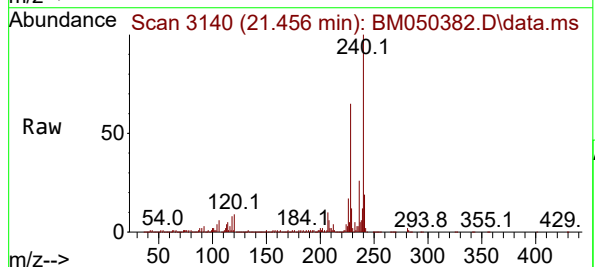
Manual Integrations
APPROVED

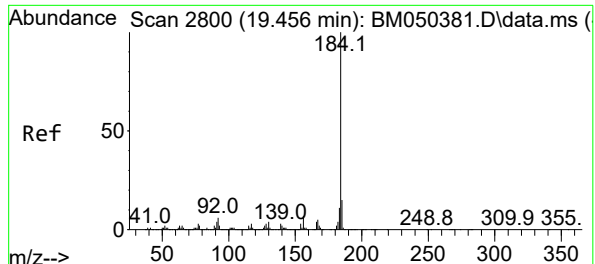
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

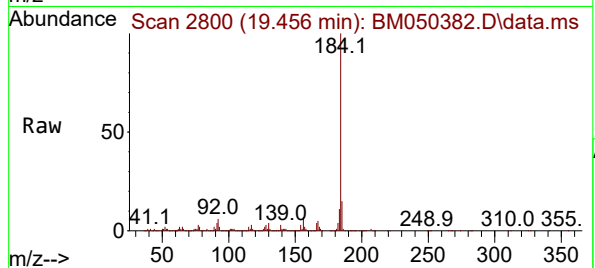
Tgt Ion:240 Resp: 1747476
Ion Ratio Lower Upper
240 100
120 9.0 6.7 10.1
236 26.2 20.7 31.1





#77
Benzidine
Concen: 58.920 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

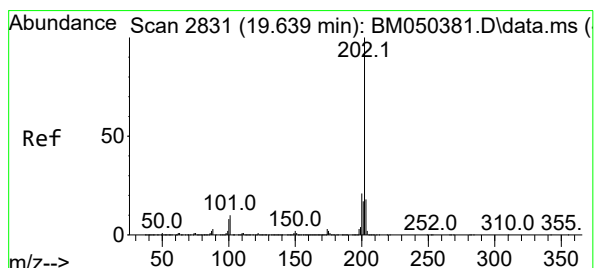
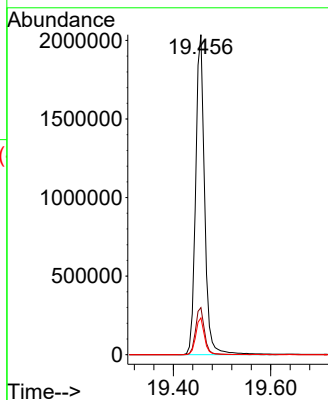
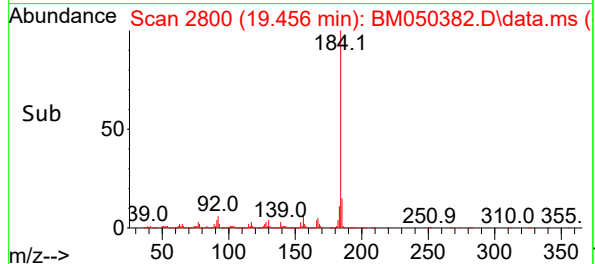
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 262617
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.5 9.0 13.6

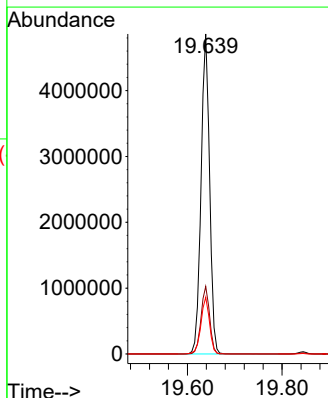
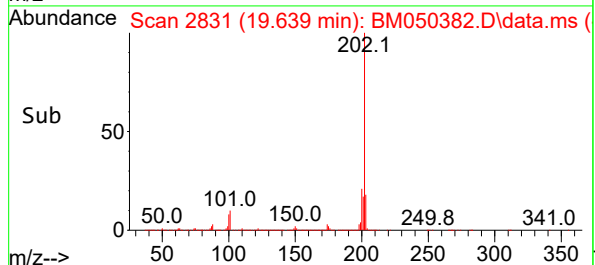
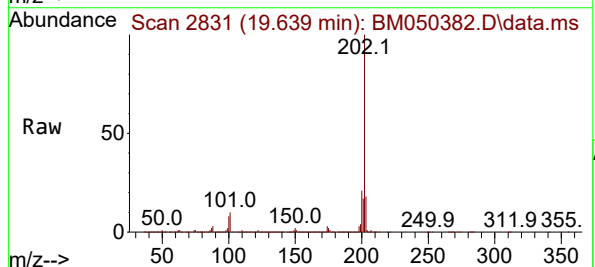
Manual Integrations
APPROVED

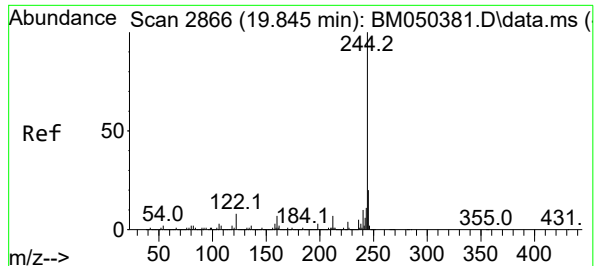
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#78
Pyrene
Concen: 54.187 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

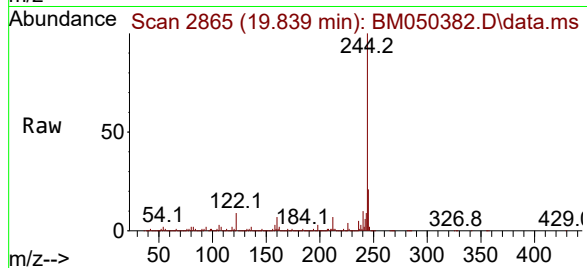
Tgt Ion:202 Resp: 6064476
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 14.1 21.1





#79
Terphenyl-d14
Concen: 114.147 ng
RT: 19.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

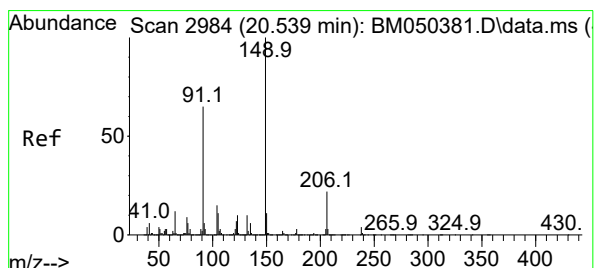
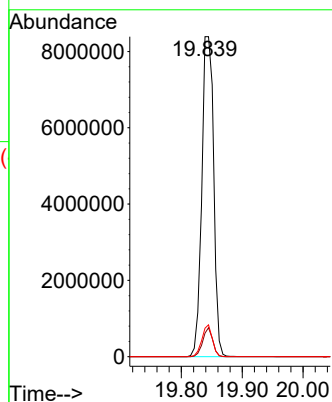
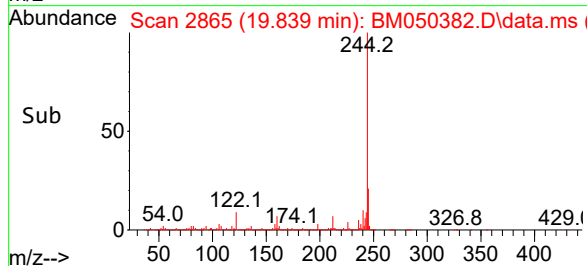
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp:1133698
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.9 6.2 9.2

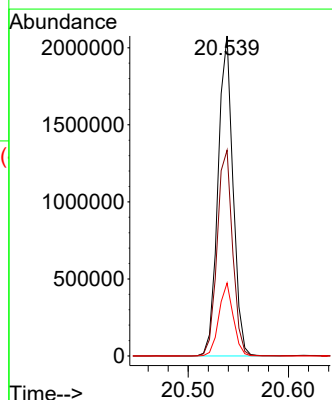
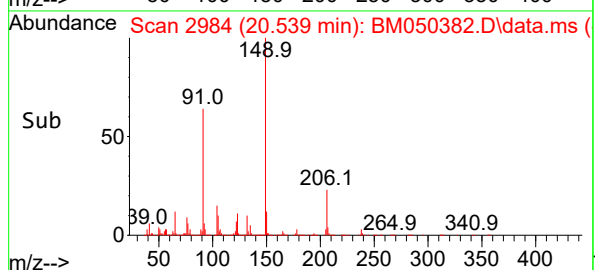
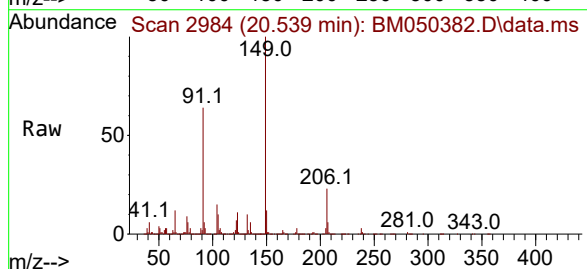
Manual Integrations
APPROVED

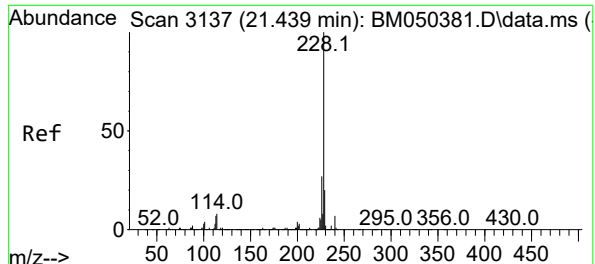
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#80
Butylbenzylphthalate
Concen: 58.284 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

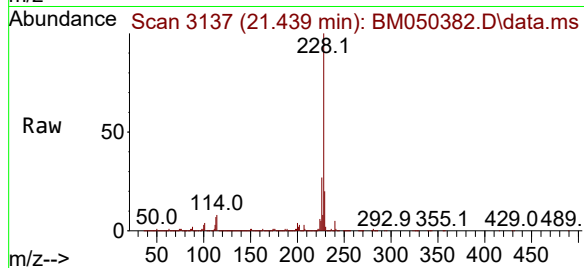
Tgt Ion:149 Resp: 2150816
Ion Ratio Lower Upper
149 100
91 64.3 51.6 77.4
206 22.8 17.8 26.8





#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

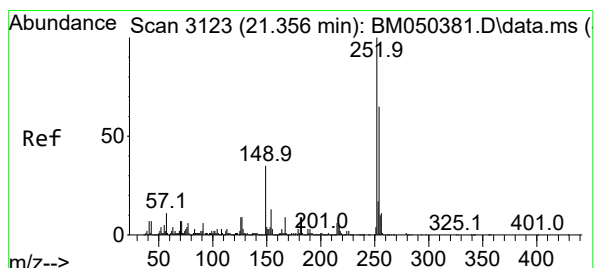
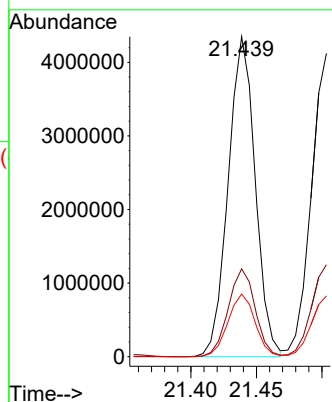
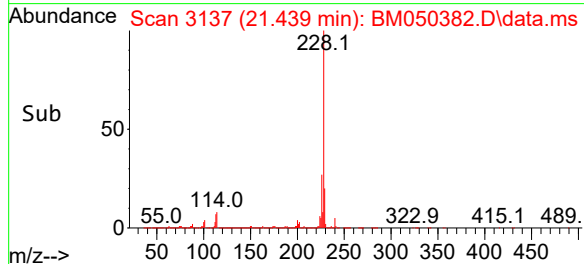
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 623873
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 16.0 24.0

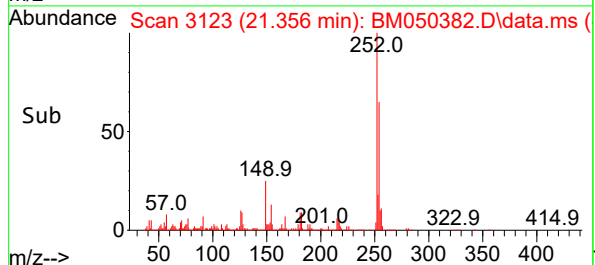
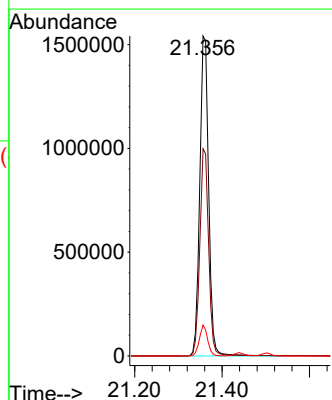
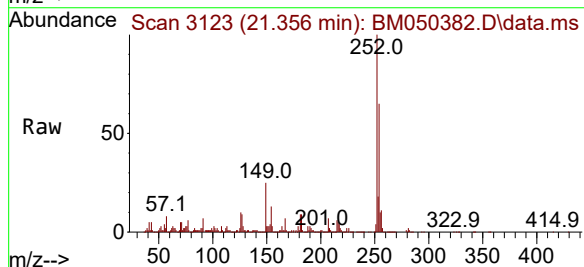
Manual Integrations
APPROVED

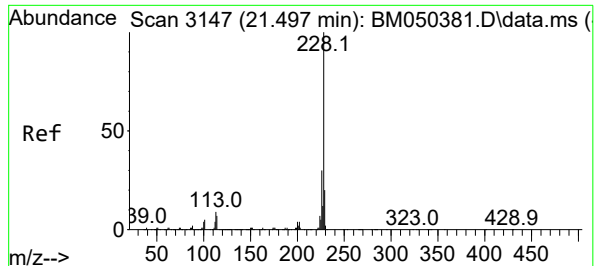
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 56.690 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

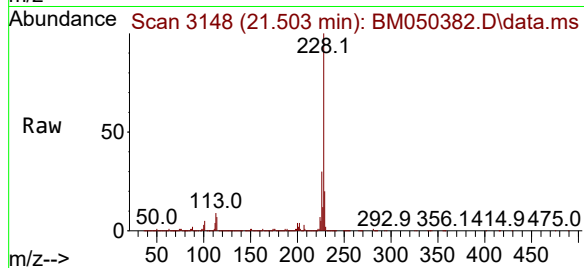
Tgt Ion:252 Resp: 2176770
Ion Ratio Lower Upper
252 100
254 64.8 51.7 77.5
126 9.6 7.3 10.9





#83
Chrysene
Concen: 53.988 ng
RT: 21.503 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

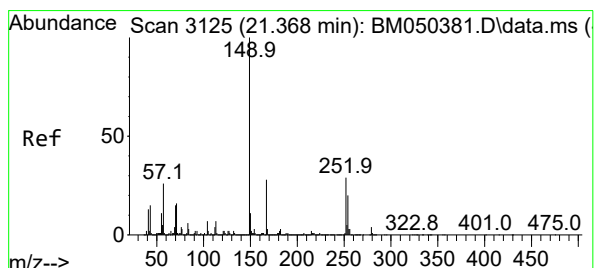
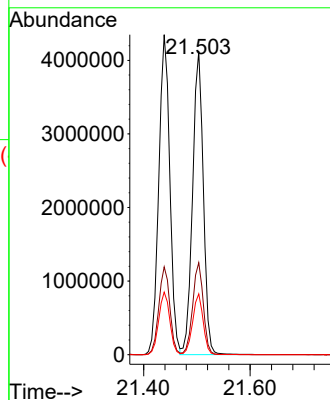
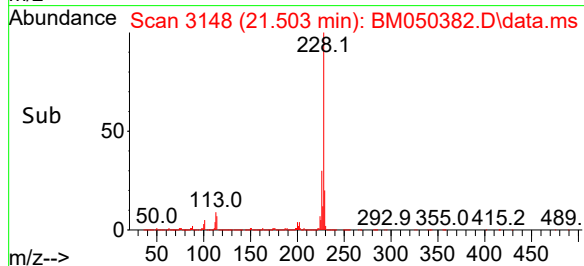
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 5797980
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.1 15.8 23.6

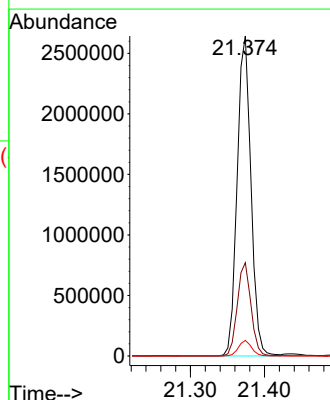
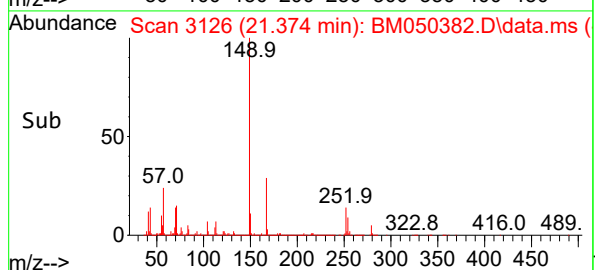
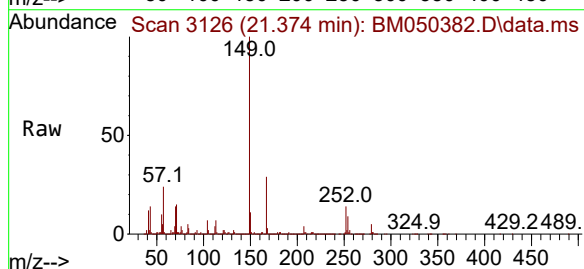
Manual Integrations
APPROVED

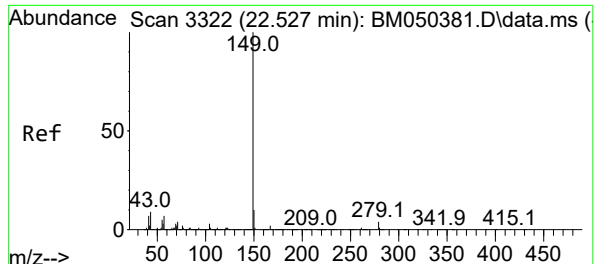
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.166 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

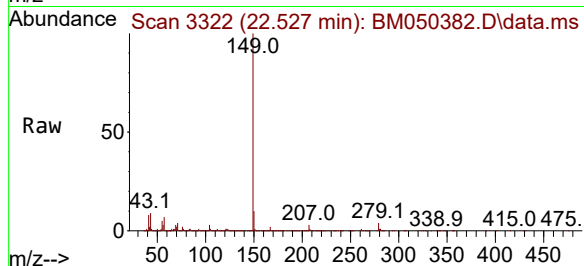
Tgt Ion:149 Resp: 3407481
Ion Ratio Lower Upper
149 100
167 29.2 22.7 34.1
279 4.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 56.816 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

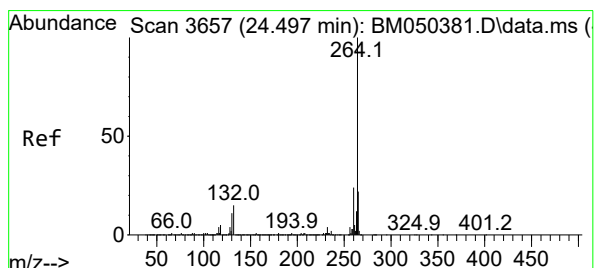
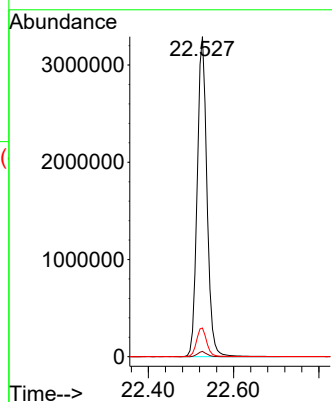
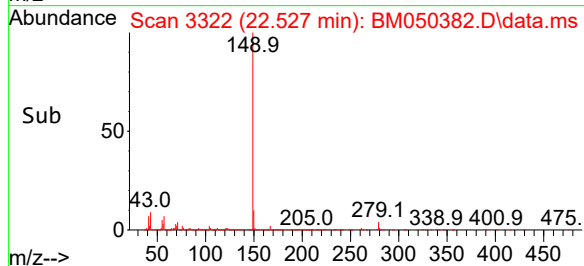
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 5213020
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.7 11.5

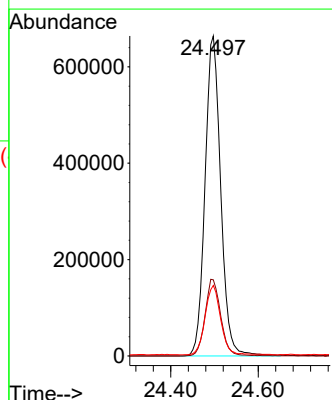
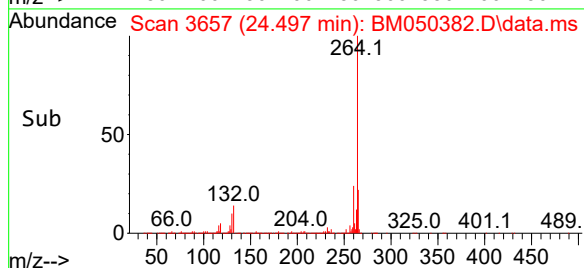
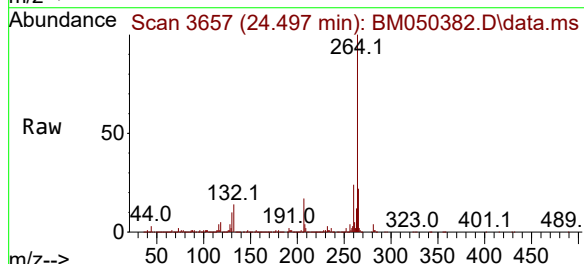
Manual Integrations
APPROVED

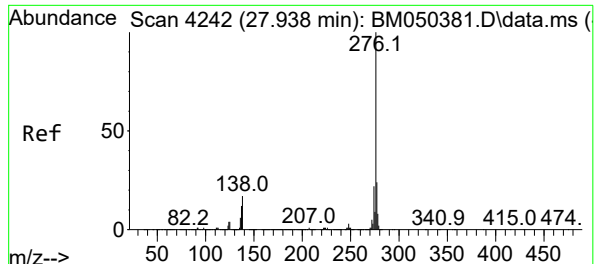
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

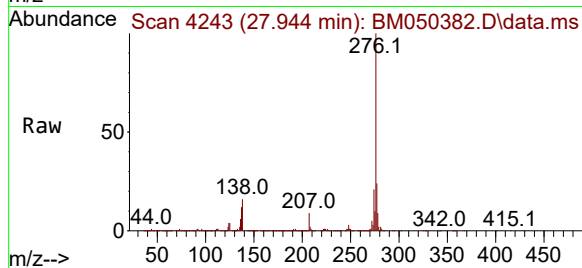
Tgt Ion:264 Resp: 1657543
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.349 ng
RT: 27.944 min Scan# 4243
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

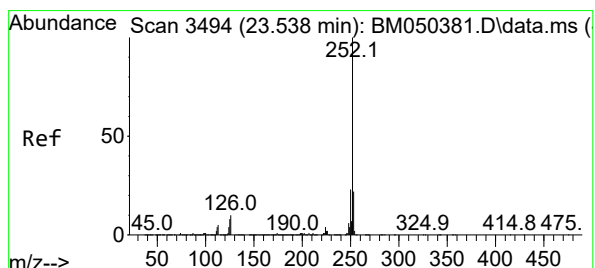
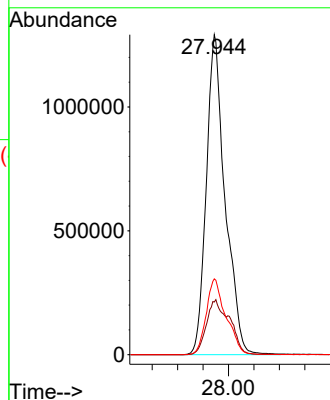
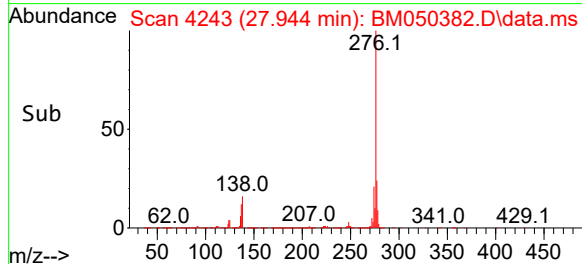
Instrument :
BNA_M
ClientSampleId :
SSTDICC050



Tgt Ion: 276 Resp: 664072
Ion Ratio Lower Upper
276 100
138 21.2 17.0 25.6
277 24.9 20.0 30.0

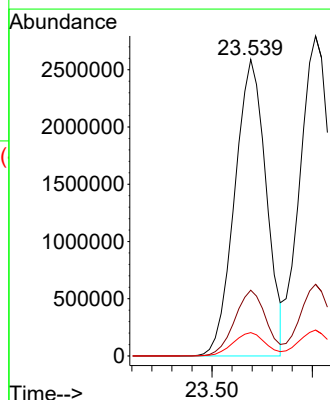
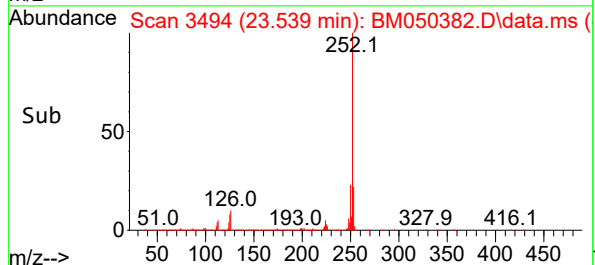
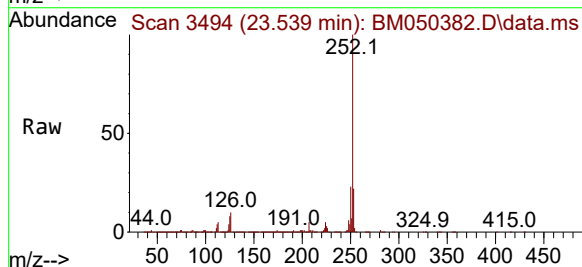
Manual Integrations
APPROVED

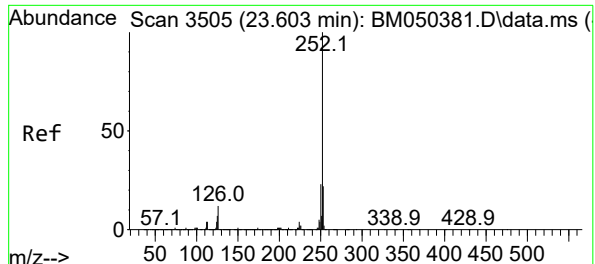
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#88
Benzo(b)fluoranthene
Concen: 55.588 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 252 Resp: 5667484
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 7.9 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 56.568 ng

RT: 23.603 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 5984419

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

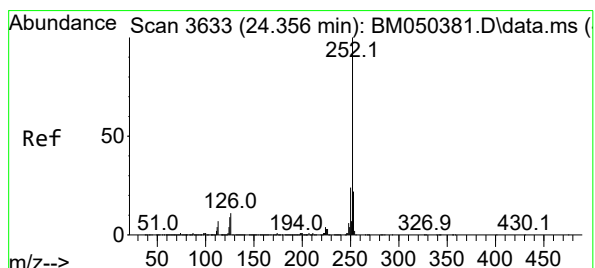
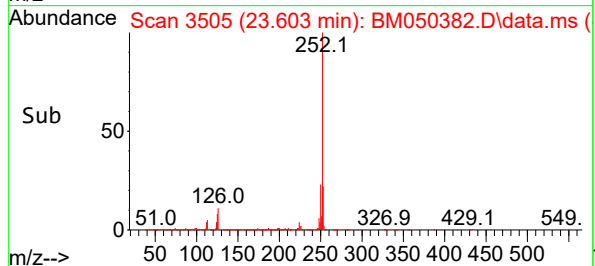
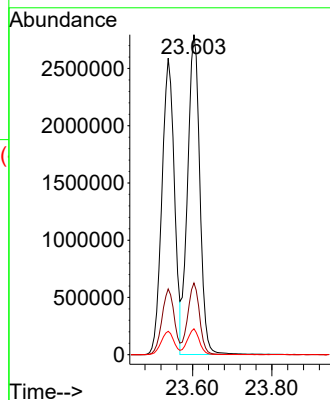
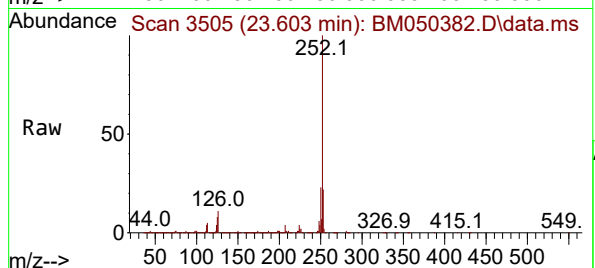
125 8.1 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#90

Benzo(a)pyrene

Concen: 57.054 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

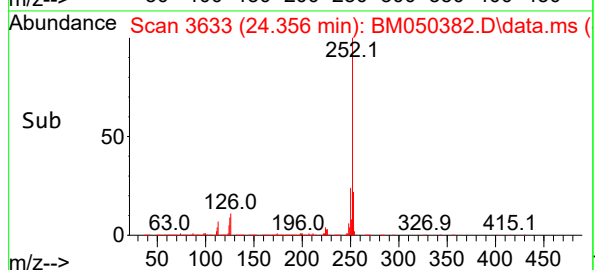
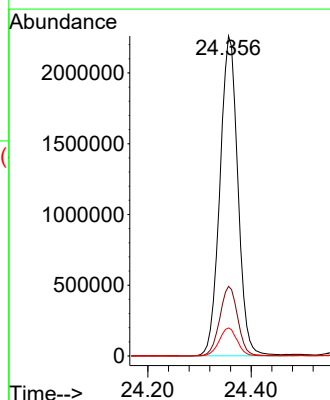
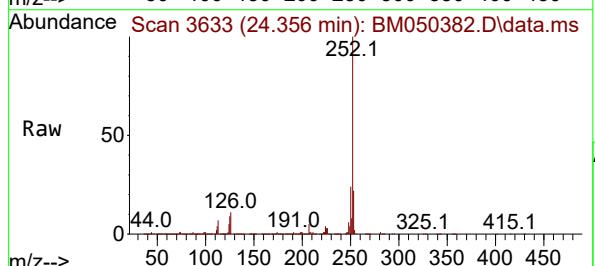
Tgt Ion:252 Resp: 5445326

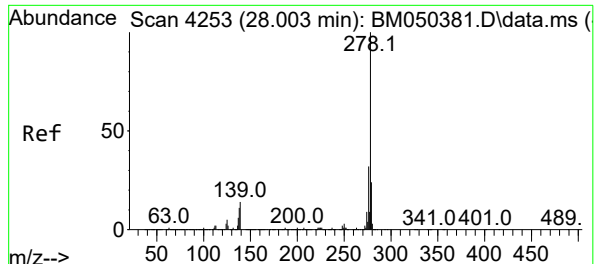
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.7 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 56.460 ng

RT: 28.009 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 560361

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

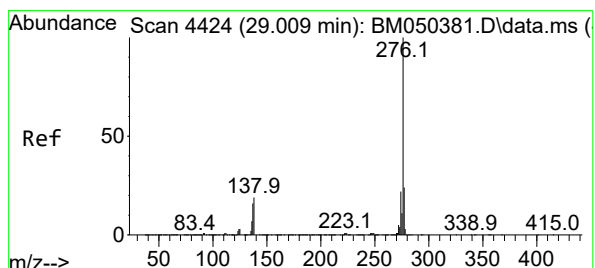
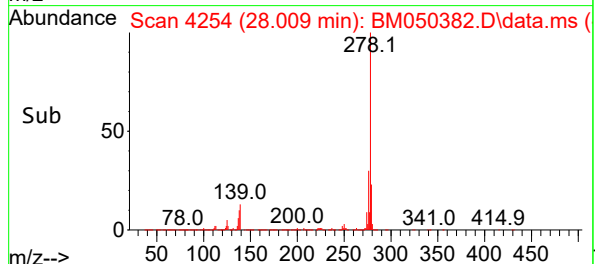
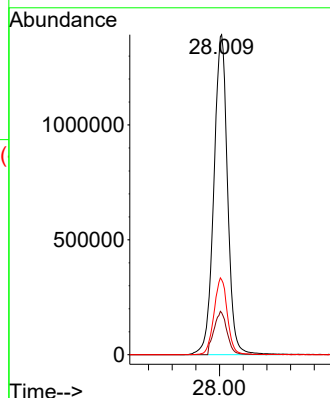
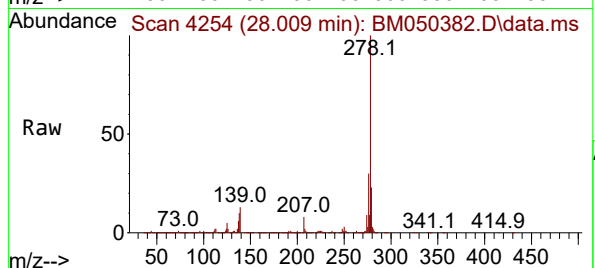
279 23.4 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#92

Benzo(g,h,i)perylene

Concen: 55.817 ng

RT: 29.015 min Scan# 4425

Delta R.T. 0.006 min

Lab File: BM050382.D

Acq: 08 Jul 2025 16:01

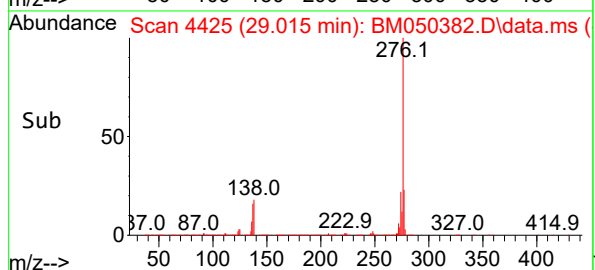
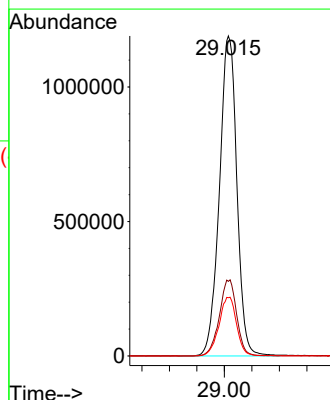
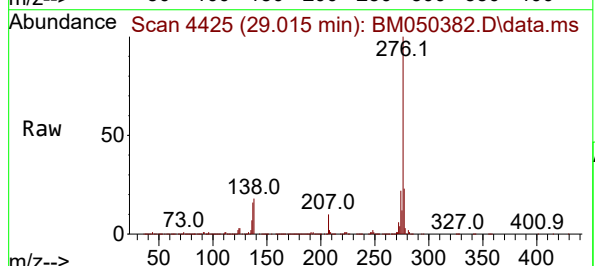
Tgt Ion:276 Resp: 5235761

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 18.2 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	406200	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1566187	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	998713	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1896999	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1968054	20.000	ng	0.00
86) Perylene-d12	24.497	264	1889317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2930103	124.166	ng	0.00
7) Phenol-d6	7.028	99	3771036	126.766	ng	0.00
23) Nitrobenzene-d5	9.022	82	3898203	126.983	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1680132	138.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	10167533	125.724	ng	0.00
79) Terphenyl-d14	19.839	244	12914894	115.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	578083	59.574	ng	99
3) Pyridine	3.734	79	1558687	61.184	ng	98
4) n-Nitrosodimethylamine	3.640	42	725301	61.070	ng	98
6) Aniline	7.193	93	2421019	63.416	ng	99
8) 2-Chlorophenol	7.428	128	1585370	63.712	ng	99
9) Benzaldehyde	7.004	77	845390	47.768	ng	99
10) Phenol	7.051	94	1946908	62.748	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1544784	62.169	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1841011	60.846	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1874083	60.660	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1809670	61.182	ng	99
15) Benzyl Alcohol	8.098	79	1328453	63.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2219161	60.631	ng	100
17) 2-Methylphenol	8.304	107	1277440	63.479	ng	98
18) Hexachloroethane	8.951	117	678042	62.403	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	1180119	65.485	ng	96
20) 3+4-Methylphenols	8.634	107	1697411	62.832	ng	98
22) Acetophenone	8.687	105	2408904	61.517	ng	98
24) Nitrobenzene	9.063	77	1702957	62.165	ng	99
25) Isophorone	9.592	82	3190767	64.054	ng	99
26) 2-Nitrophenol	9.775	139	783612	70.186	ng	97
27) 2,4-Dimethylphenol	9.834	122	1490764	62.749	ng	98
28) bis(2-Chloroethoxy)met...	10.075	93	2048832	62.070	ng	99
29) 2,4-Dichlorophenol	10.310	162	1570701	64.353	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	1810982	62.024	ng	99
31) Naphthalene	10.716	128	4834692	60.775	ng	100
32) Benzoic acid	9.975	122	912053	60.734	ng	99
33) 4-Chloroaniline	10.810	127	2130451	63.348	ng	99
34) Hexachlorobutadiene	11.010	225	1123283	63.032	ng	99
35) Caprolactam	11.598	113	438205	65.768	ng	95
36) 4-Chloro-3-methylphenol	11.939	107	1472646	64.612	ng	98
37) 2-Methylnaphthalene	12.322	142	3153595	62.784	ng	98
38) 1-Methylnaphthalene	12.539	142	3322331	62.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2046472	64.436	ng	99
41) Hexachlorocyclopentadiene	12.680	237	1359023	66.942	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1299719	66.483	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

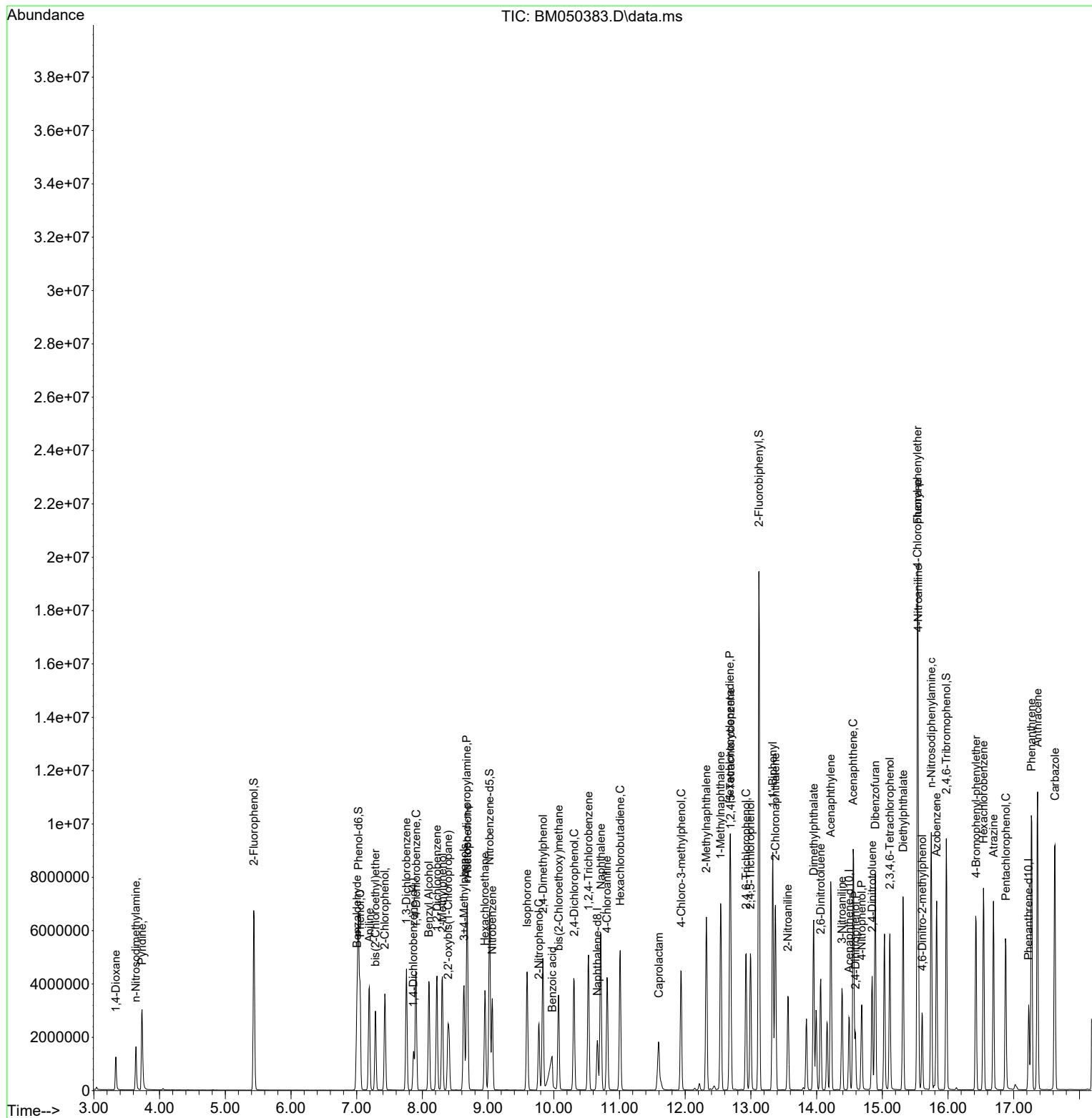
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1407280	65.913	ng	98
46) 1,1'-Biphenyl	13.333	154	4574537	61.736	ng	100
47) 2-Chloronaphthalene	13.375	162	3645124	61.699	ng	99
48) 2-Nitroaniline	13.563	65	904021	68.554	ng	98
49) Acenaphthylene	14.216	152	5618754	62.931	ng	99
50) Dimethylphthalate	13.957	163	4291046	62.407	ng	99
51) 2,6-Dinitrotoluene	14.063	165	891260	67.510	ng	99
52) Acenaphthene	14.557	154	3582059	63.105	ng	100
53) 3-Nitroaniline	14.386	138	957239	68.179	ng	98
54) 2,4-Dinitrophenol	14.592	184	439445	61.898	ng	85
55) Dibenzofuran	14.892	168	5344109	61.102	ng	100
56) 4-Nitrophenol	14.686	139	794516	65.804	ng	95
57) 2,4-Dinitrotoluene	14.845	165	1218665	60.887	ng	98
58) Fluorene	15.539	166	4560797	63.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1189838	66.202	ng	99
60) Diethylphthalate	15.316	149	4130183	62.882	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2430909	64.533	ng	98
62) 4-Nitroaniline	15.545	138	991212	60.686	ng	99
63) Azobenzene	15.827	77	3812033	63.206	ng	100
65) 4,6-Dinitro-2-methylph...	15.610	198	645034	61.235	ng	91
66) n-Nitrosodiphenylamine	15.745	169	3744872	63.087	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1368680	65.485	ng	99
68) Hexachlorobenzene	16.539	284	1586965	64.288	ng	98
69) Atrazine	16.692	200	1296405	66.510	ng	100
70) Pentachlorophenol	16.880	266	1022433	66.535	ng	99
71) Phenanthrene	17.268	178	6618592	61.658	ng	100
72) Anthracene	17.363	178	6849285	64.102	ng	100
73) Carbazole	17.627	167	6106388	63.161	ng	99
74) Di-n-butylphthalate	18.198	149	6920453	65.398	ng	100
75) Fluoranthene	19.280	202	7618952	65.290	ng	99
77) Benzidine	19.456	184	3256422	64.872	ng	100
78) Pyrene	19.639	202	8067941	64.009	ng	100
80) Butylbenzylphthalate	20.533	149	2900200	69.782	ng	97
81) Benzo(a)anthracene	21.439	228	8142088	63.495	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2878037	66.553	ng	100
83) Chrysene	21.503	228	7690956	63.587	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	4504059	68.268	ng	98
85) Di-n-octyl phthalate	22.521	149	7047940	68.206	ng	99
87) Indeno(1,2,3-cd)pyrene	27.950	276	8866549	66.007	ng	99
88) Benzo(b)fluoranthene	23.539	252	7617485	65.548	ng	99
89) Benzo(k)fluoranthene	23.603	252	7861158	65.192	ng	100
90) Benzo(a)pyrene	24.356	252	7260855	66.744	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	7483970	66.155	ng	99
92) Benzo(g,h,i)perylene	29.021	276	6983867	65.319	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050383.D
 Acq On : 08 Jul 2025 16:41
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

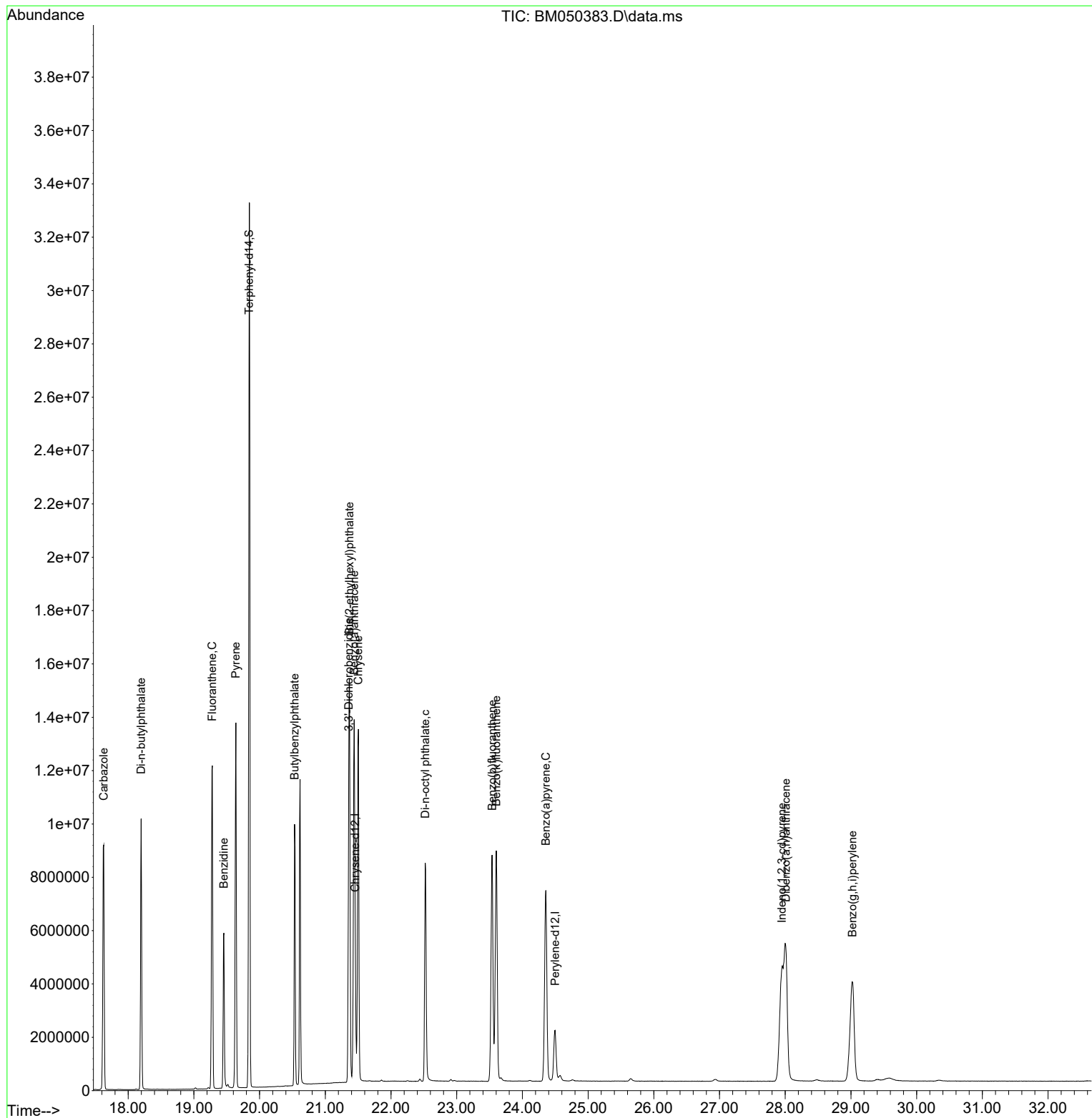
Quant Time: Jul 08 18:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

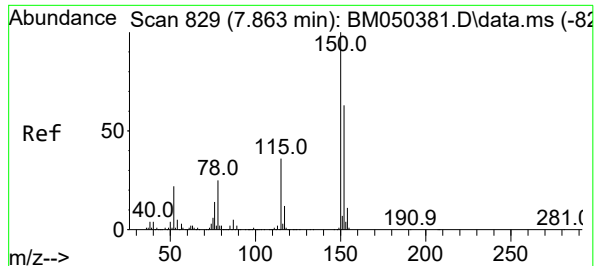


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

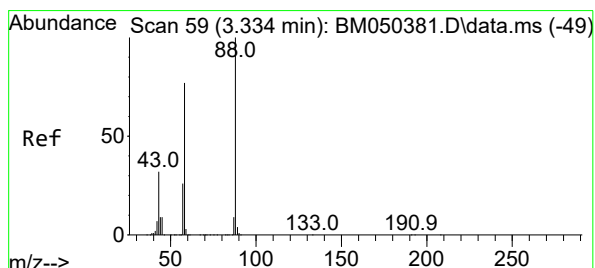
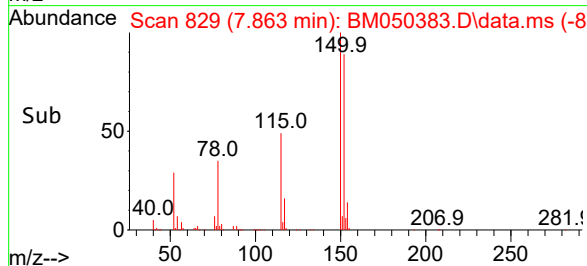
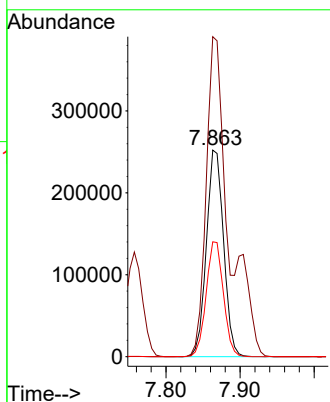
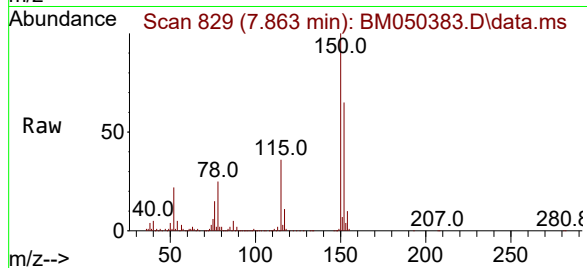




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

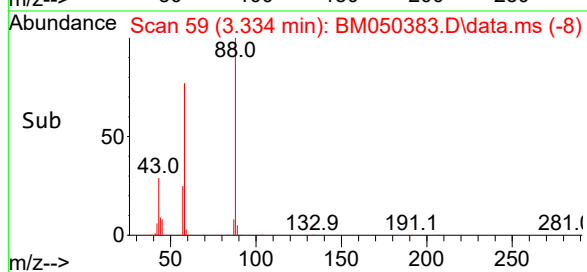
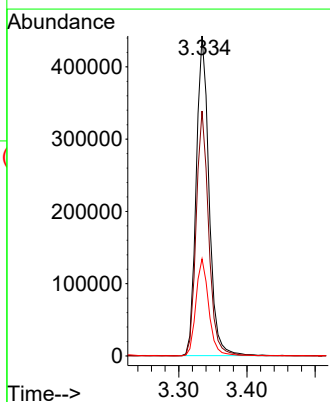
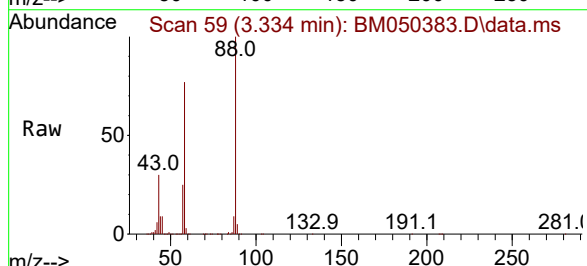
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

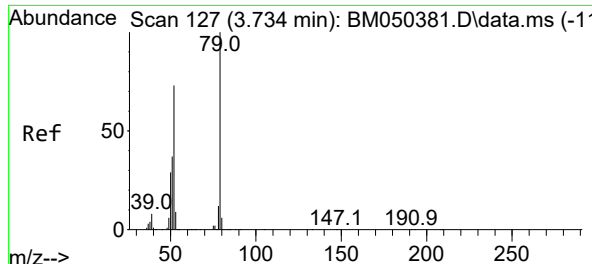
Tgt Ion:152 Resp: 406200
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.4
115 55.6 45.8 68.8



#2
1,4-Dioxane
Concen: 59.574 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 88 Resp: 578083
Ion Ratio Lower Upper
88 100
58 75.0 61.0 91.6
43 30.3 24.6 37.0

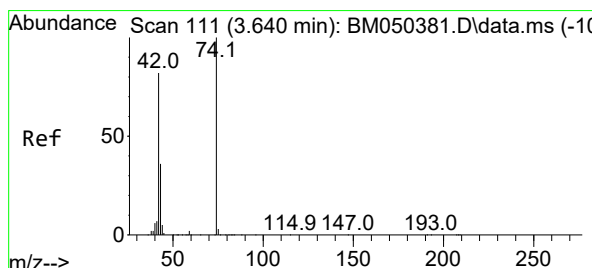
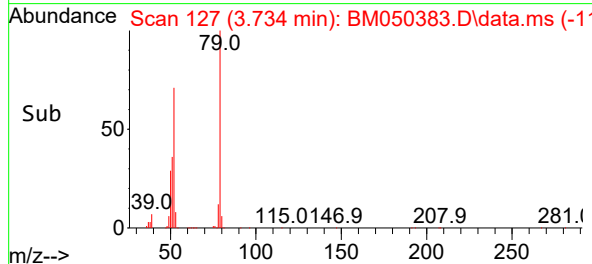
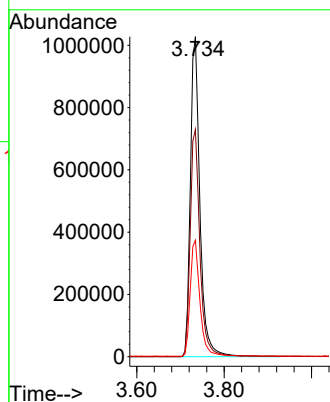
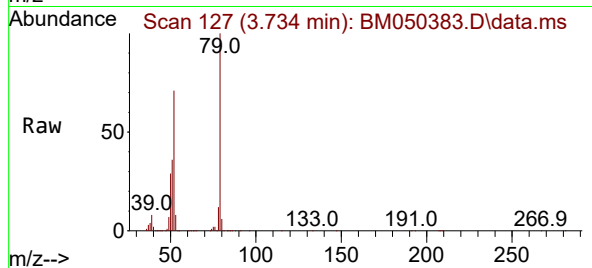




#3
Pyridine
Concen: 61.184 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

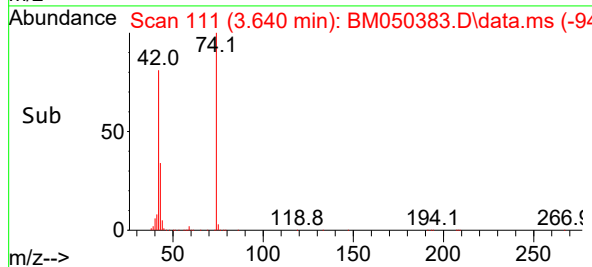
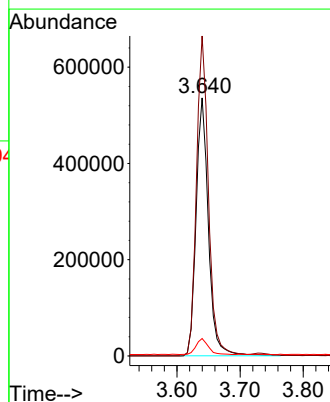
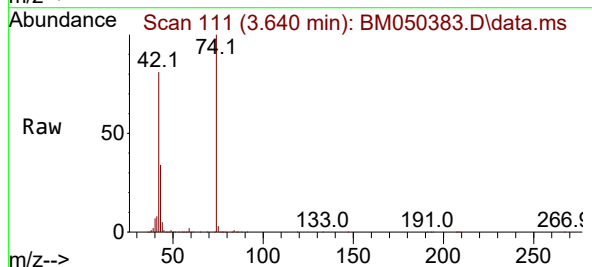
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

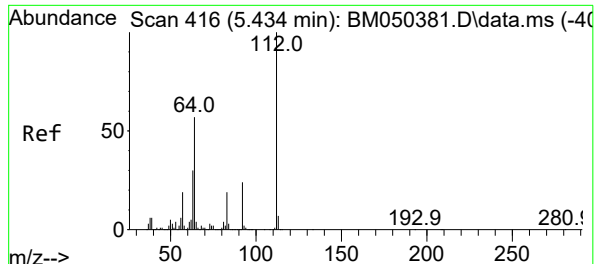
Tgt Ion: 79 Resp: 1558687
Ion Ratio Lower Upper
79 100
52 71.0 58.3 87.5
51 36.4 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 61.070 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 42 Resp: 725301
Ion Ratio Lower Upper
42 100
74 124.0 97.5 146.3
44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 124.166 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050383.D

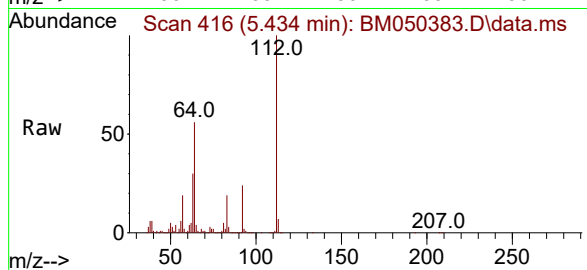
Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060



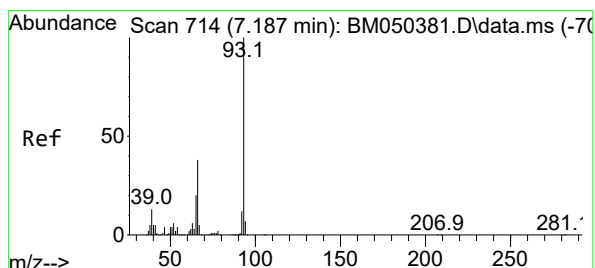
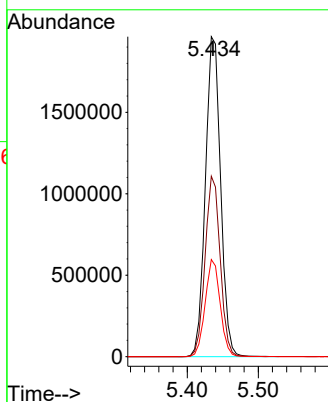
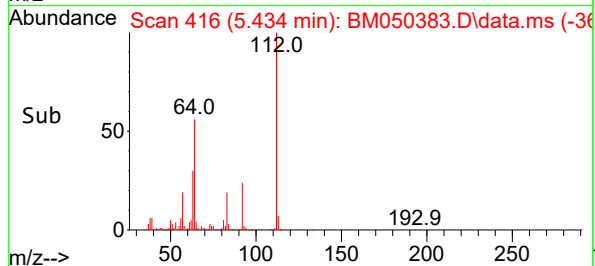
Tgt Ion:112 Resp: 2930103

Ion Ratio Lower Upper

112 100

64 56.4 45.5 68.3

63 30.3 24.2 36.4



#6

Aniline

Concen: 63.416 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

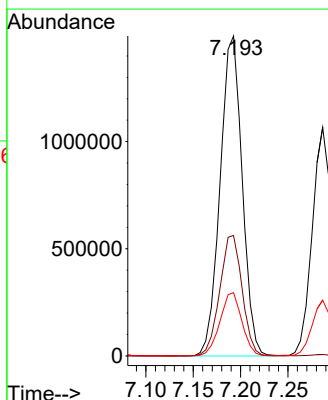
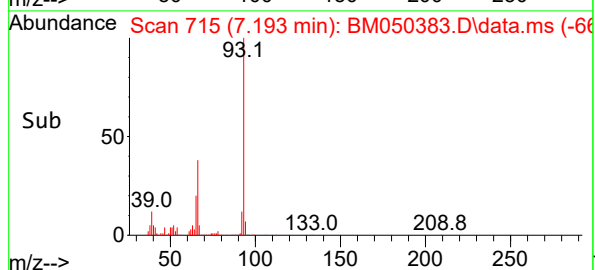
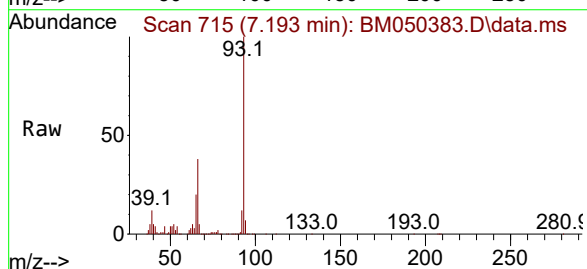
Tgt Ion: 93 Resp: 2421019

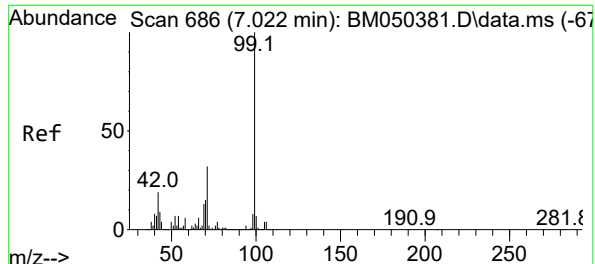
Ion Ratio Lower Upper

93 100

66 37.7 30.5 45.7

65 19.8 15.9 23.9

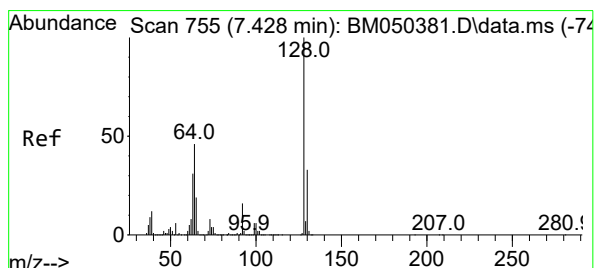
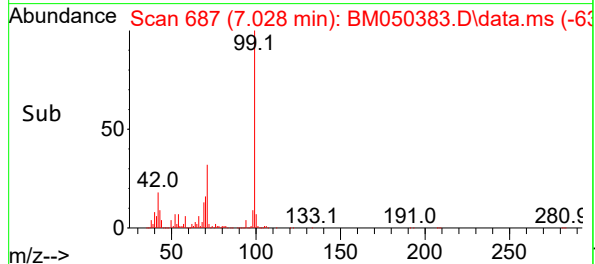
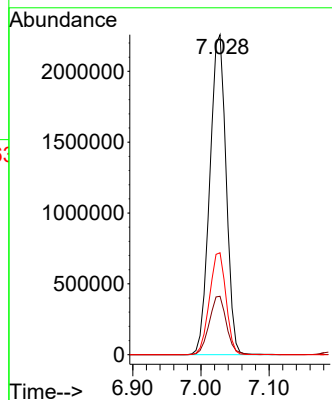
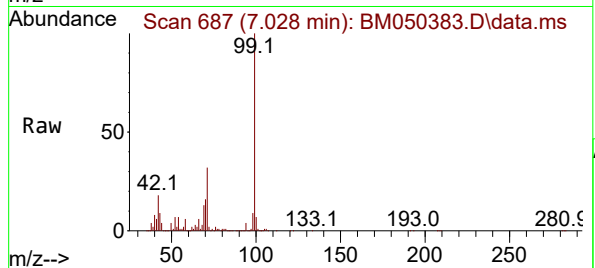




#7
Phenol-d6
Concen: 126.766 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

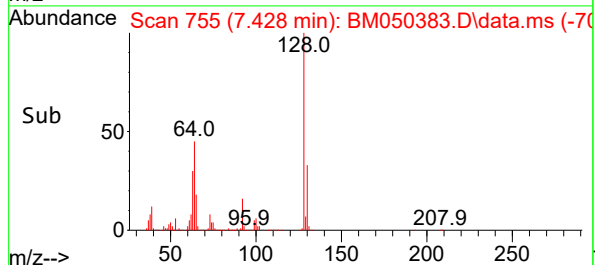
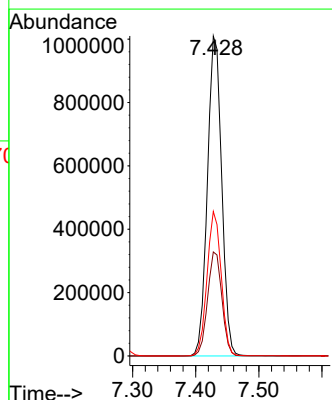
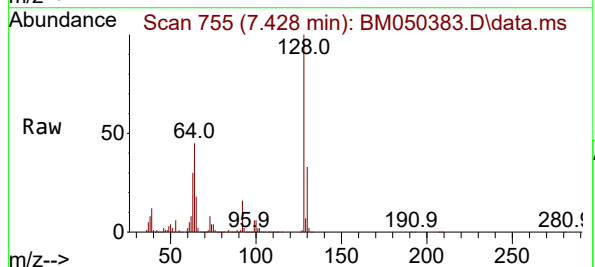
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

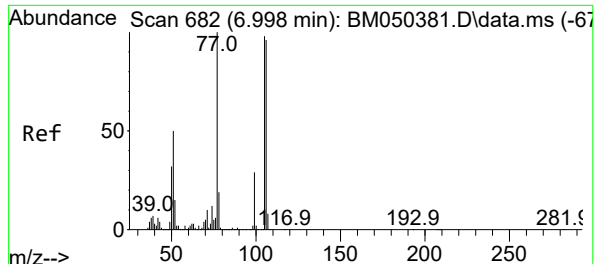
Tgt Ion: 99 Resp: 3771036
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.6
71 31.8 25.9 38.9



#8
2-Chlorophenol
Concen: 63.712 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 128 Resp: 1585370
Ion Ratio Lower Upper
128 100
130 32.5 13.3 53.3
64 45.1 25.6 65.6

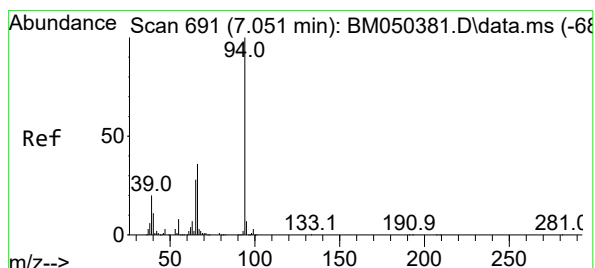
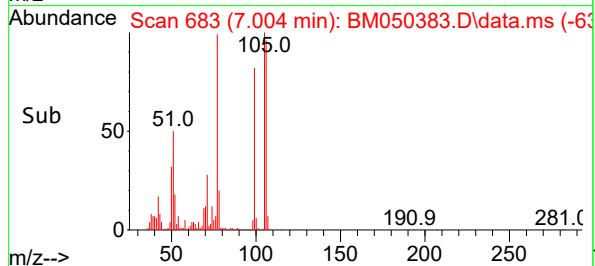
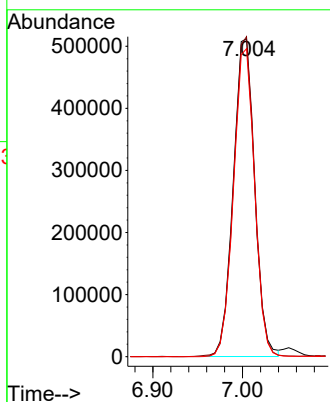
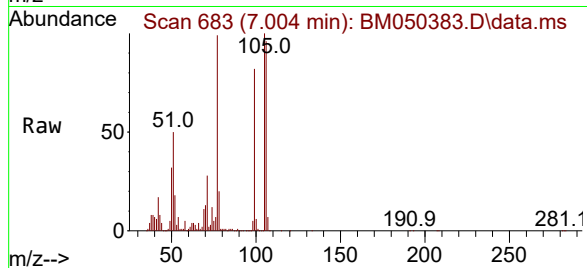




#9
Benzaldehyde
Concen: 47.768 ng
RT: 7.004 min Scan# 682
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

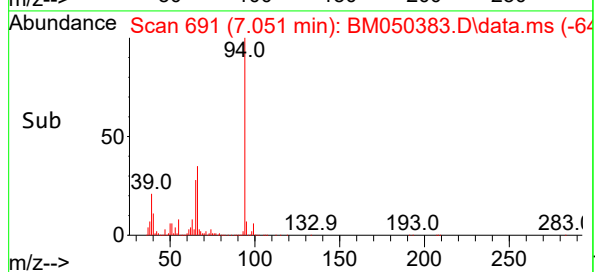
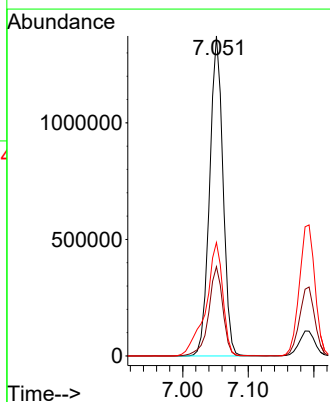
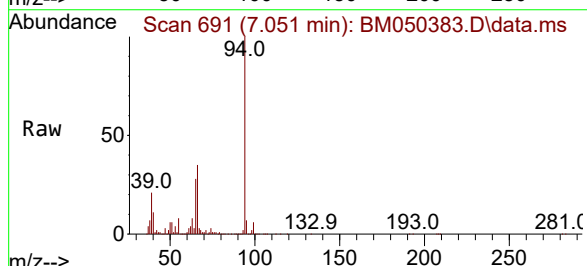
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

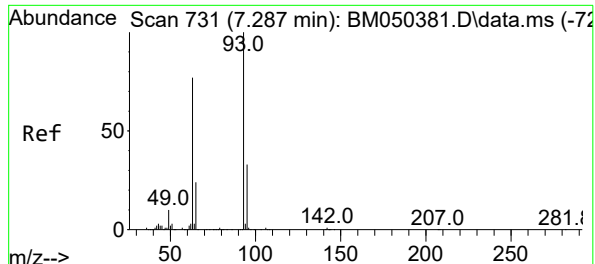
Tgt Ion: 77 Resp: 845390
Ion Ratio Lower Upper
77 100
105 100.6 78.4 118.4
106 96.9 76.3 116.3



#10
Phenol
Concen: 62.748 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 94 Resp: 1946908
Ion Ratio Lower Upper
94 100
65 27.9 8.1 48.1
66 35.4 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 62.169 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

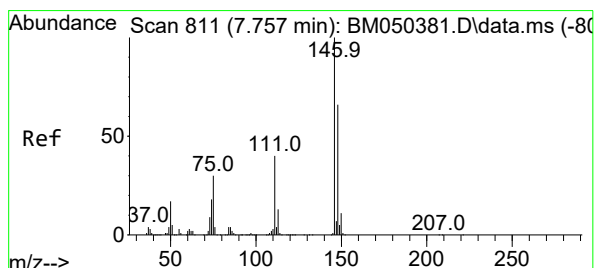
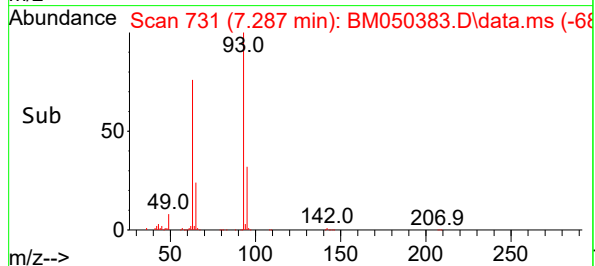
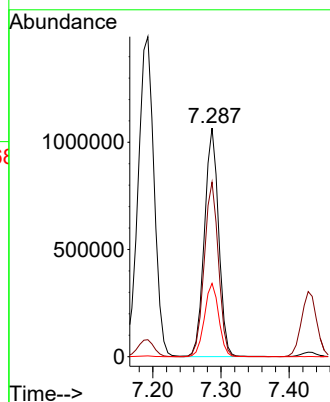
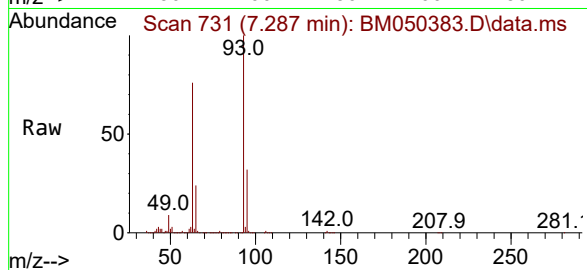
Tgt Ion: 93 Resp: 1544784

Ion Ratio Lower Upper

93 100

63 76.4 56.9 96.9

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 60.846 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

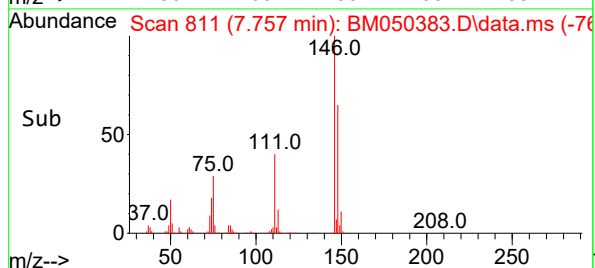
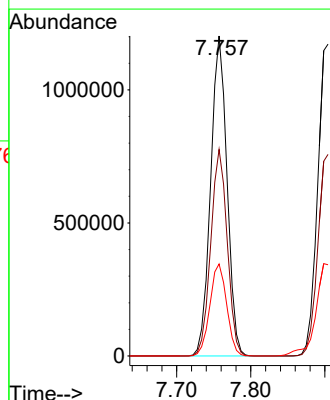
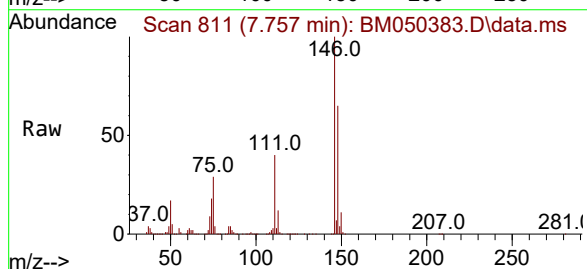
Tgt Ion:146 Resp: 1841011

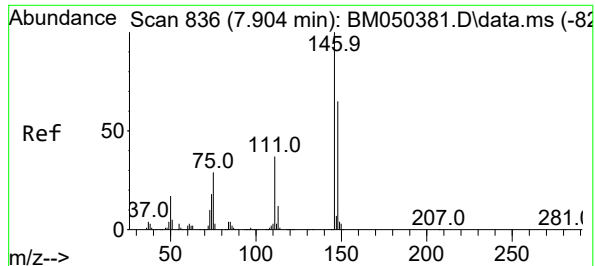
Ion Ratio Lower Upper

146 100

148 64.6 53.2 79.8

75 28.7 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 60.660 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

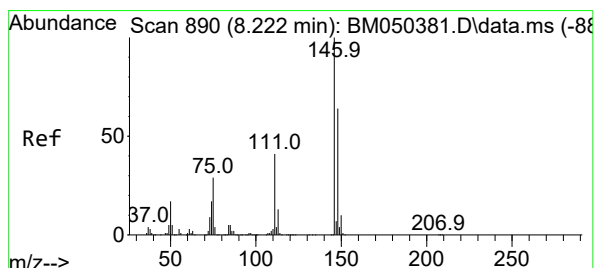
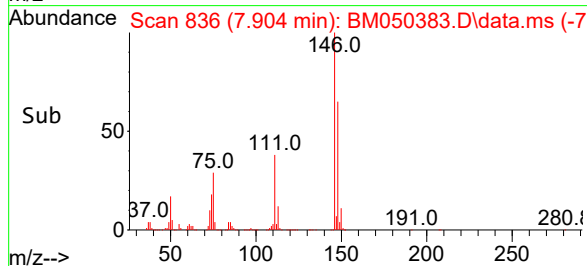
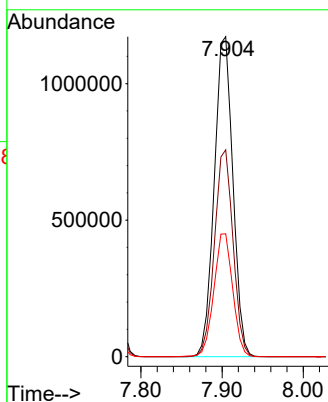
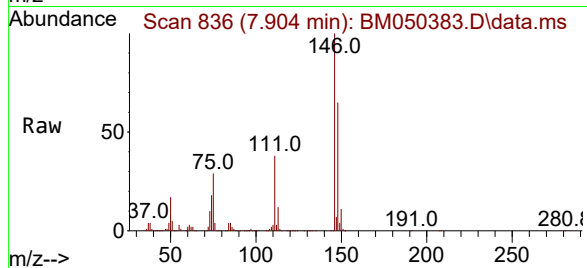
Tgt Ion:146 Resp: 1874083

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 38.4 30.0 45.0



#14

1,2-Dichlorobenzene

Concen: 61.182 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

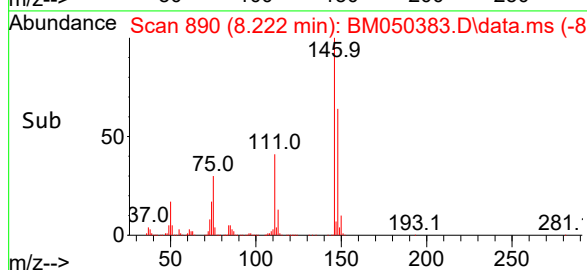
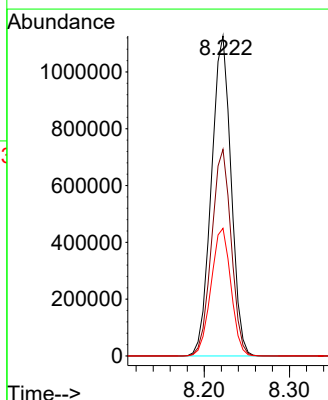
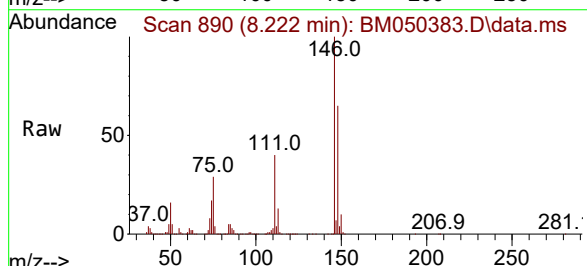
Tgt Ion:146 Resp: 1809670

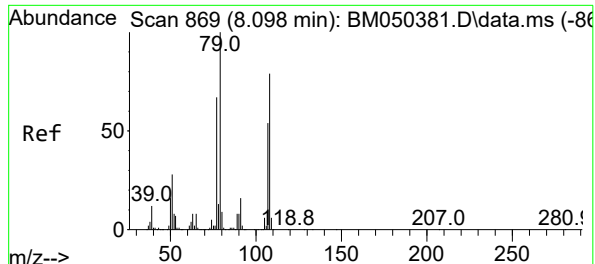
Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

111 39.9 32.6 49.0





#15

Benzyl Alcohol

Concen: 63.380 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

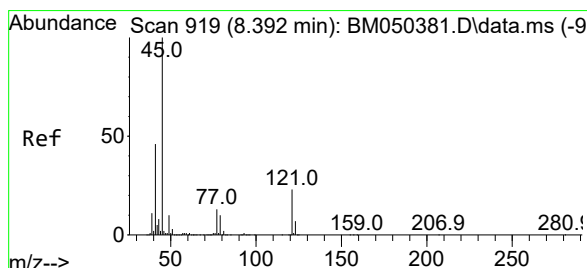
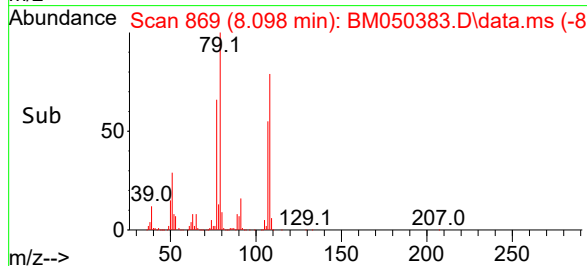
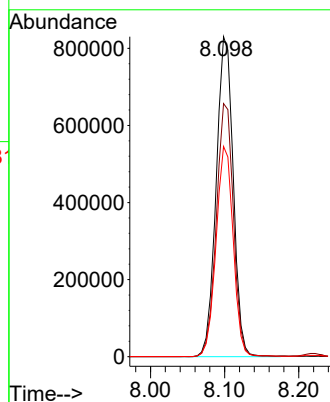
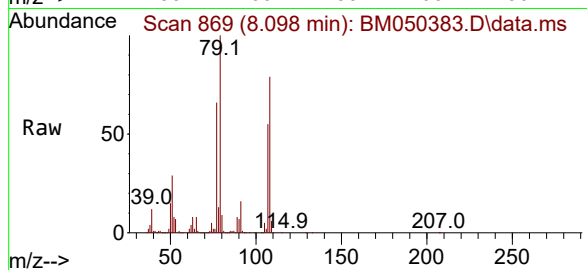
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 1328453

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 60.631 ng

RT: 8.393 min Scan# 919

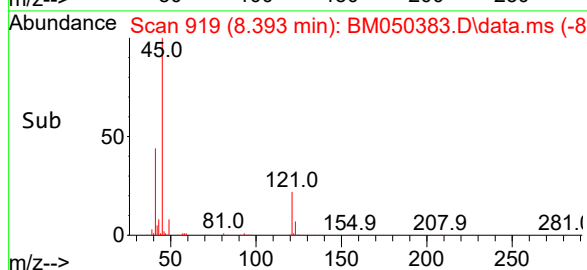
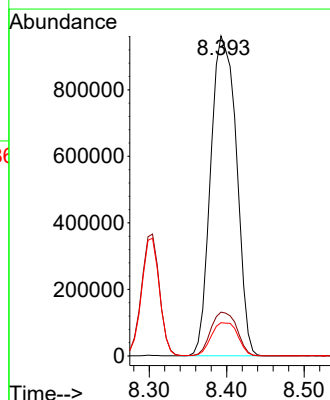
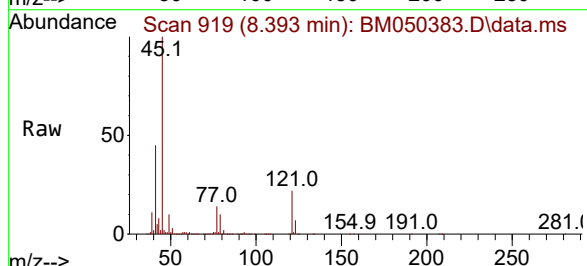
Delta R.T. 0.000 min

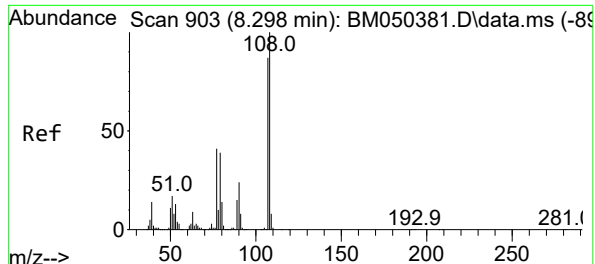
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion: 45 Resp: 2219161

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3





#17

2-Methylphenol

Concen: 63.479 ng

RT: 8.304 min Scan# 904

Delta R.T. 0.006 min

Lab File: BM050383.D

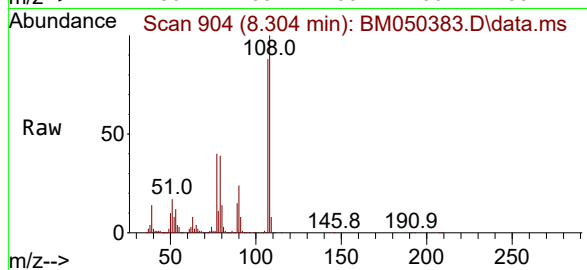
Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

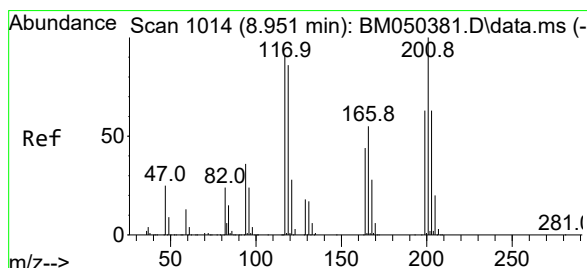
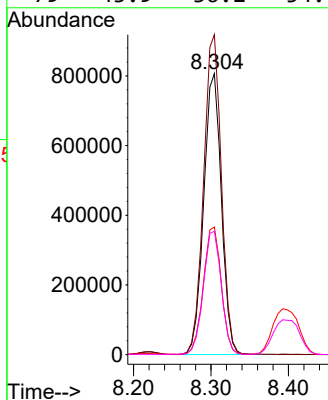
ClientSampleId :

SSTDICC060



Tgt Ion:107 Resp: 1277440

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.1	138.1
77	45.4	38.2	57.4
79	43.9	36.2	54.4



#18

Hexachloroethane

Concen: 62.403 ng

RT: 8.951 min Scan# 1014

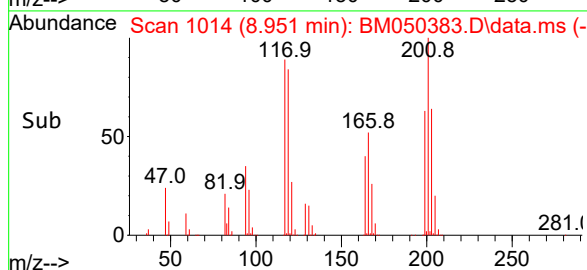
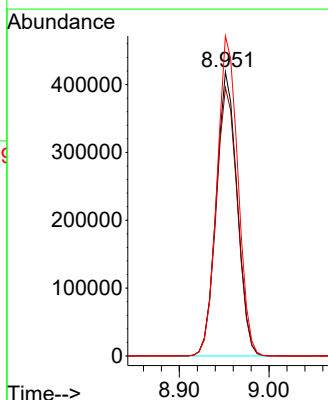
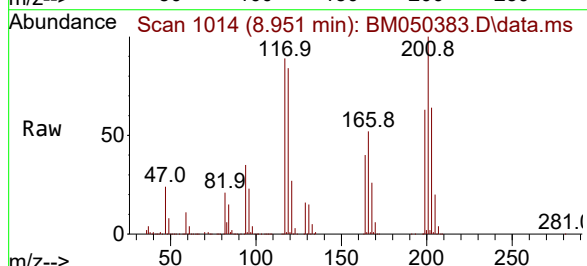
Delta R.T. 0.000 min

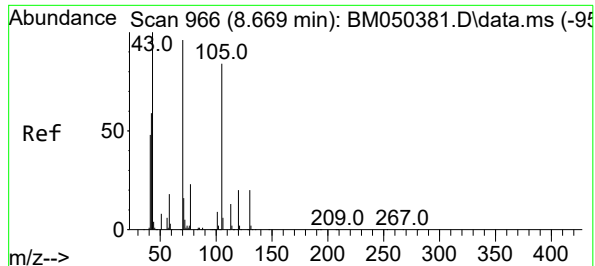
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:117 Resp: 678042

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	112.7	87.9	131.9





#19

n-Nitroso-di-n-propylamine

Concen: 65.485 ng

RT: 8.675 min Scan# 9

Delta R.T. 0.006 min

Lab File: BM050383.D

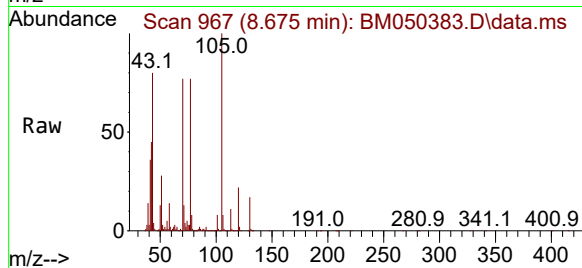
Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

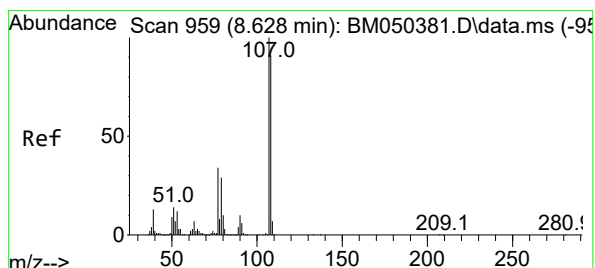
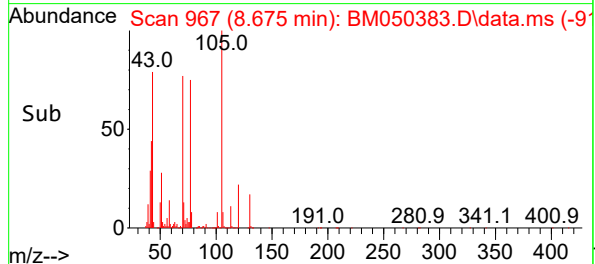
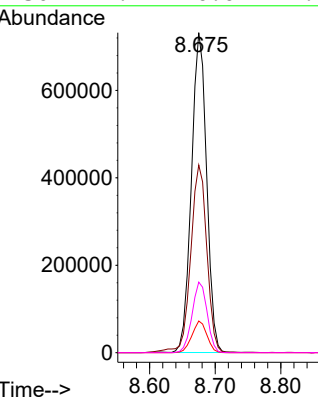
ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 1180119

Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.7	74.5
101	9.9	7.7	11.5
130	22.1	16.6	24.8



#20

3+4-Methylphenols

Concen: 62.832 ng

RT: 8.634 min Scan# 960

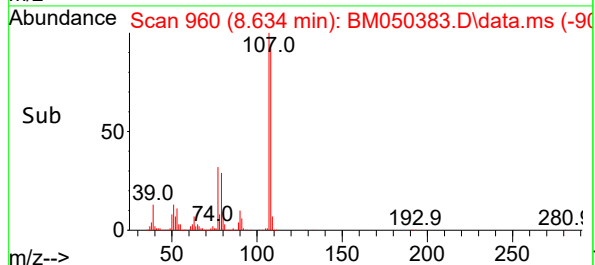
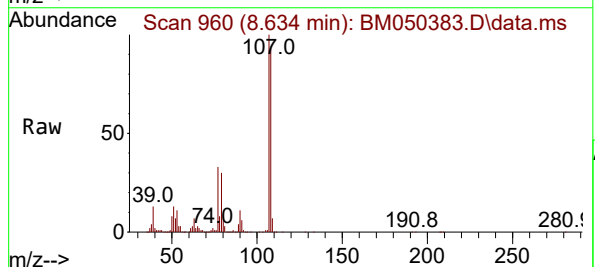
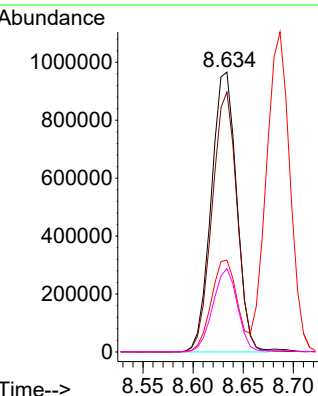
Delta R.T. 0.006 min

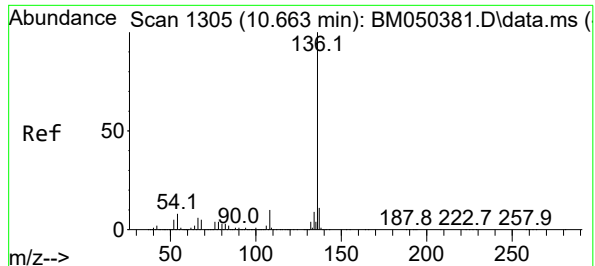
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion: 107 Resp: 1697411

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.5	111.5
77	32.9	13.7	53.7
79	29.8	8.6	48.6

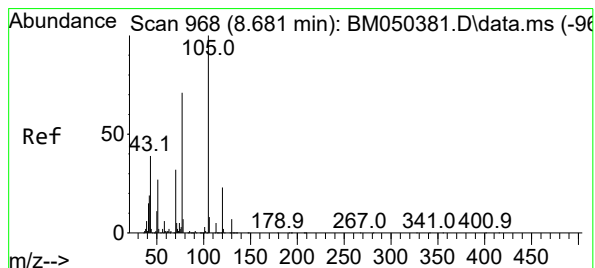
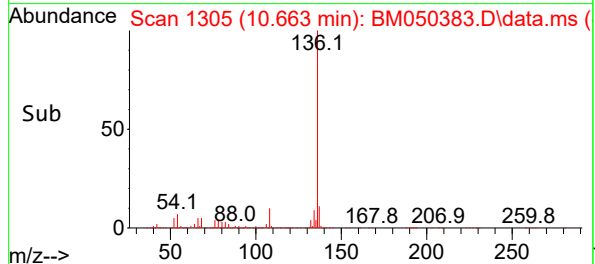
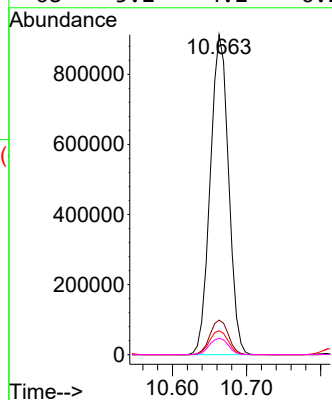
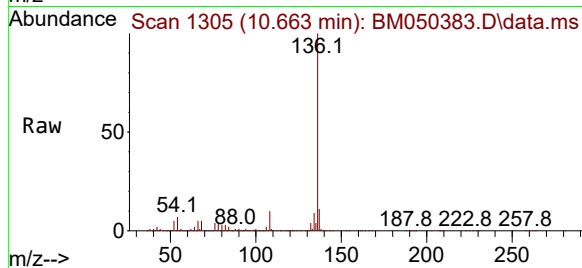




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

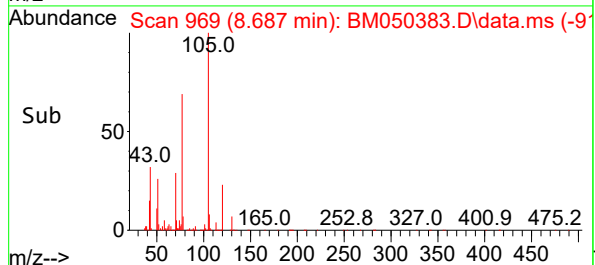
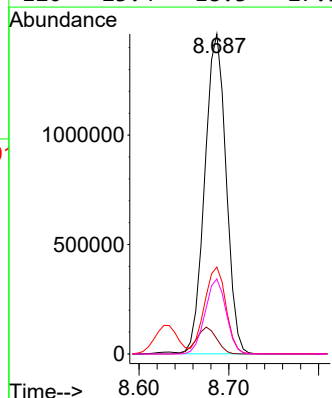
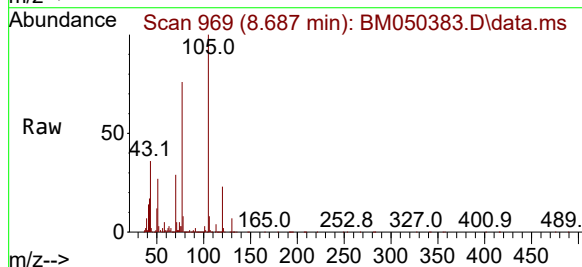
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

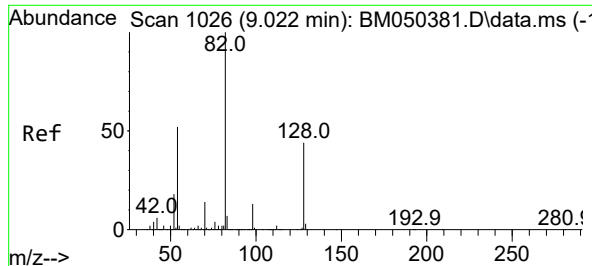
Tgt Ion:136 Resp: 1566187
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.5 6.3 9.5
68 5.2 4.2 6.2



#22
Acetophenone
Concen: 61.517 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:105 Resp: 2408904
Ion Ratio Lower Upper
105 100
71 4.7 4.4 6.6
51 27.2 23.0 34.6
120 23.4 18.3 27.5





#23

Nitrobenzene-d5

Concen: 126.983 ng

RT: 9.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

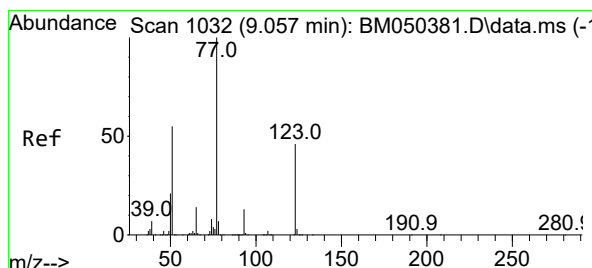
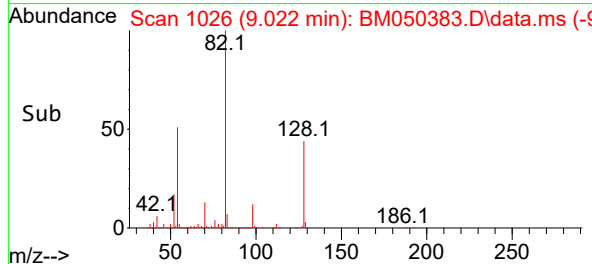
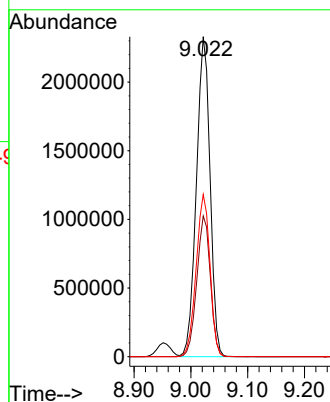
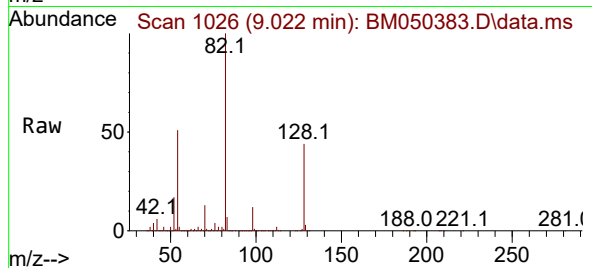
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 3898203

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	50.7	41.5	62.3



#24

Nitrobenzene

Concen: 62.165 ng

RT: 9.063 min Scan# 1033

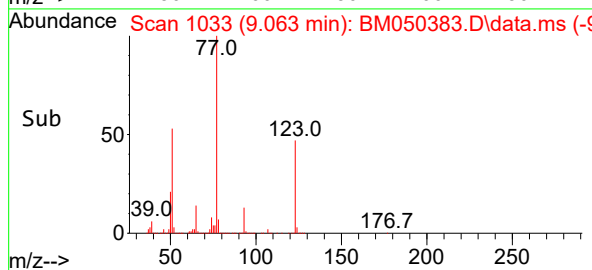
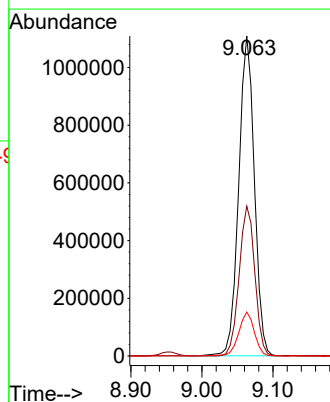
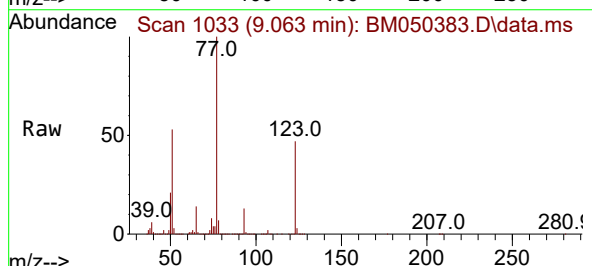
Delta R.T. 0.006 min

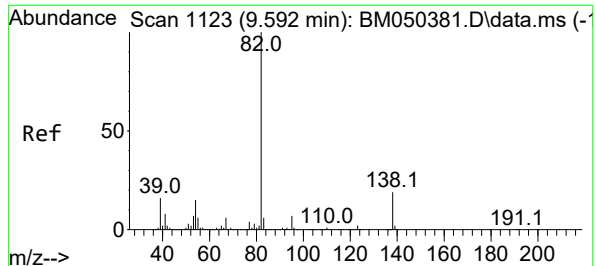
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion: 77 Resp: 1702957

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.0	55.6
65	13.7	11.0	16.4

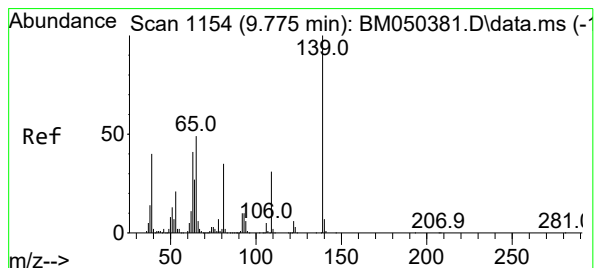
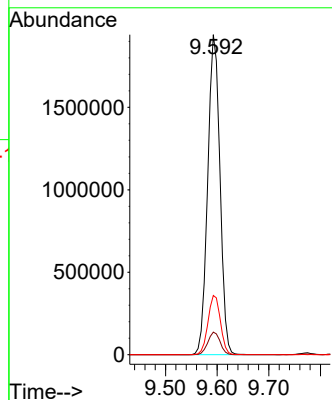
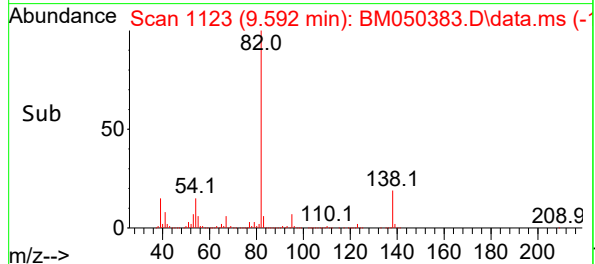
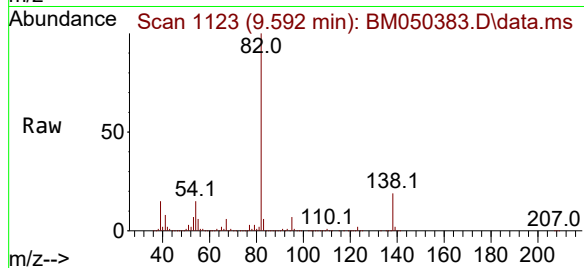




#25
Isophorone
Concen: 64.054 ng
RT: 9.592 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

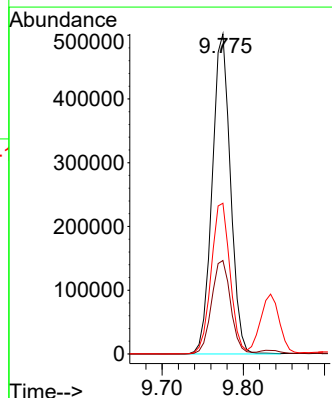
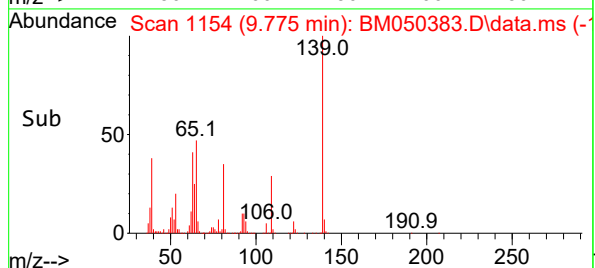
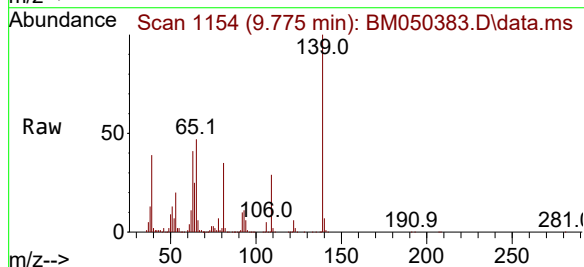
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

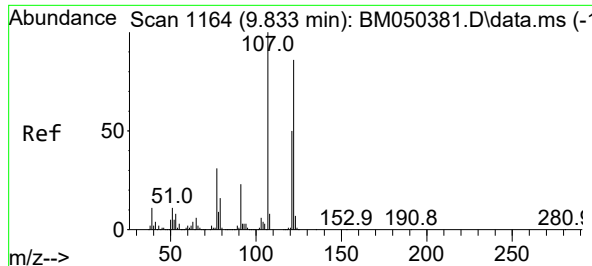
Tgt Ion: 82 Resp: 3190767
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.5 15.3 22.9



#26
2-Nitrophenol
Concen: 70.186 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 139 Resp: 783612
Ion Ratio Lower Upper
139 100
109 29.2 24.6 36.8
65 47.1 39.2 58.8





#27

2,4-Dimethylphenol

Concen: 62.749 ng

RT: 9.834 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

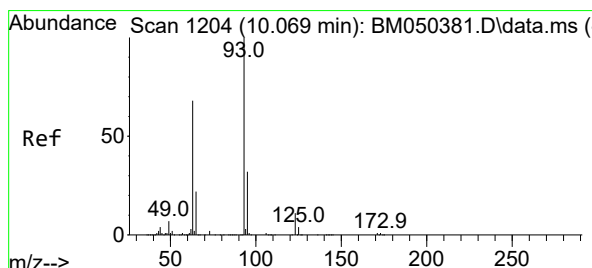
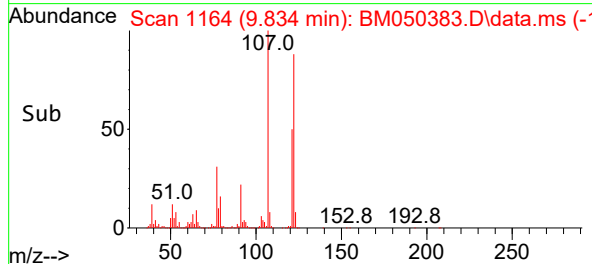
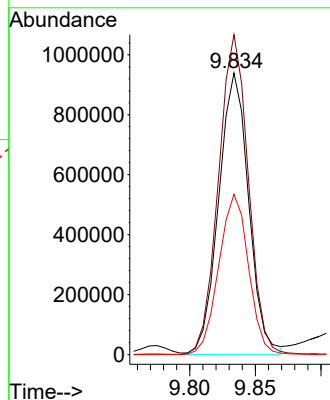
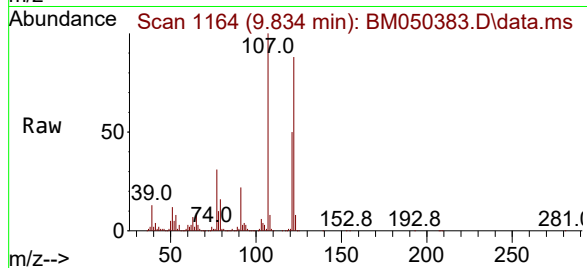
Tgt Ion:122 Resp: 1490764

Ion Ratio Lower Upper

122 100

107 113.6 93.0 139.6

121 57.0 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 62.070 ng

RT: 10.075 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

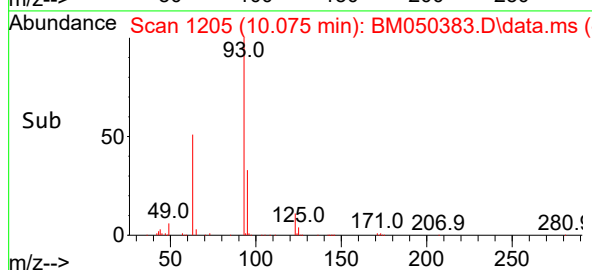
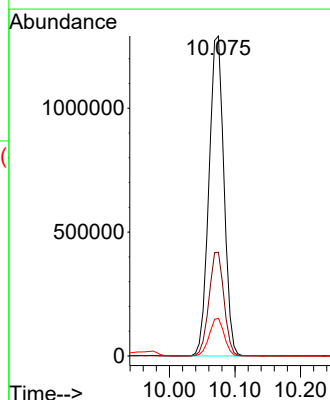
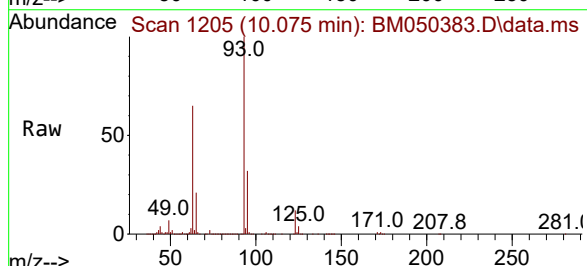
Tgt Ion: 93 Resp: 2048832

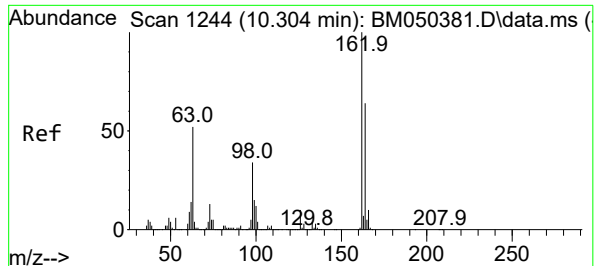
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 64.353 ng

RT: 10.310 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

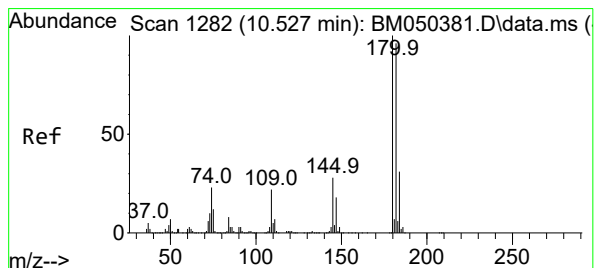
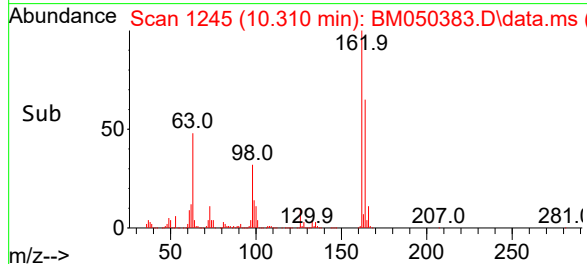
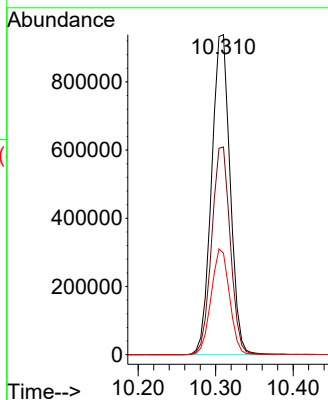
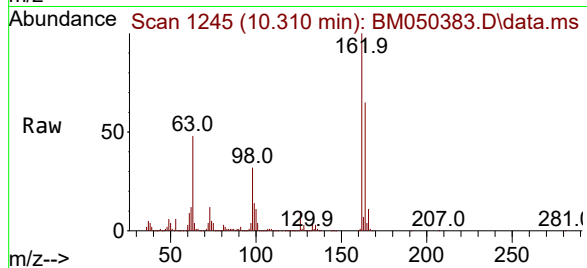
Tgt Ion:162 Resp: 1570701

Ion Ratio Lower Upper

162 100

164 64.9 43.7 83.7

98 31.7 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 62.024 ng

RT: 10.528 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

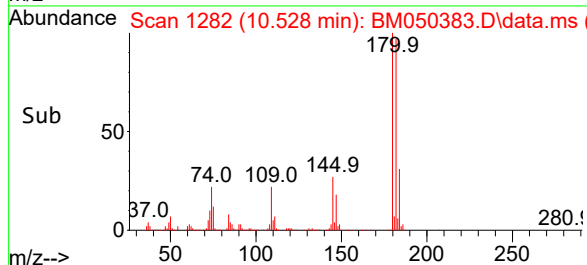
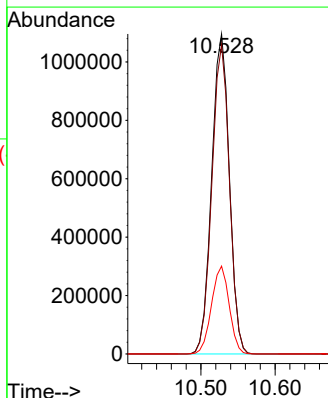
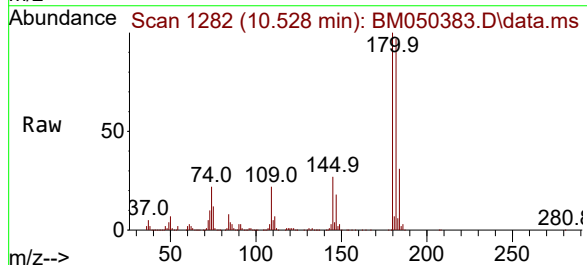
Tgt Ion:180 Resp: 1810982

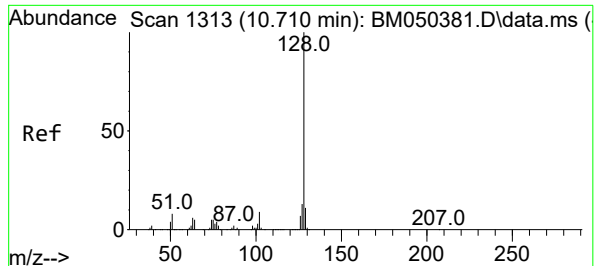
Ion Ratio Lower Upper

180 100

182 96.5 76.8 115.2

145 27.4 22.6 33.8

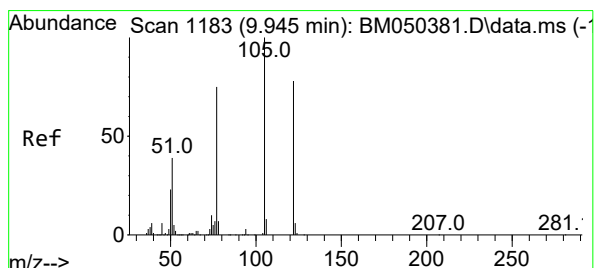
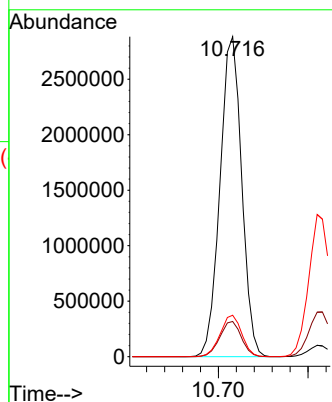
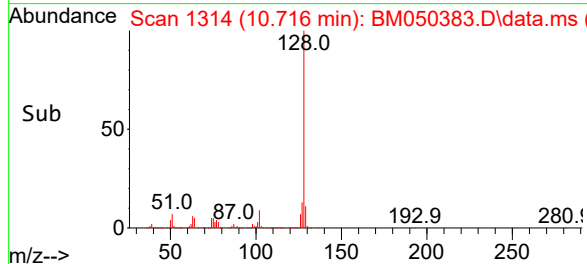
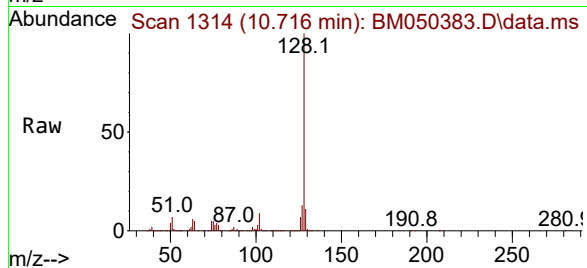




#31
Naphthalene
Concen: 60.775 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

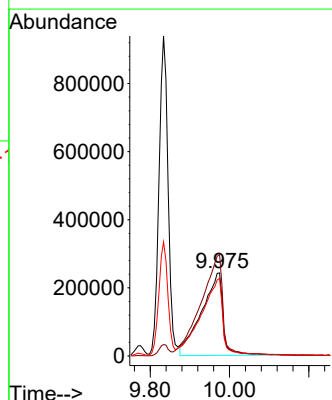
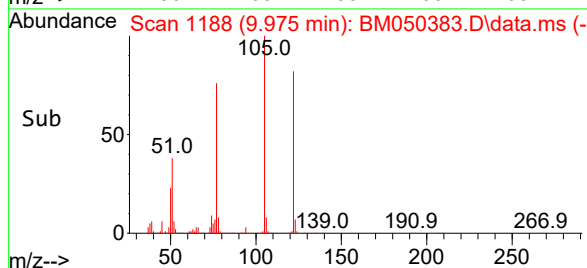
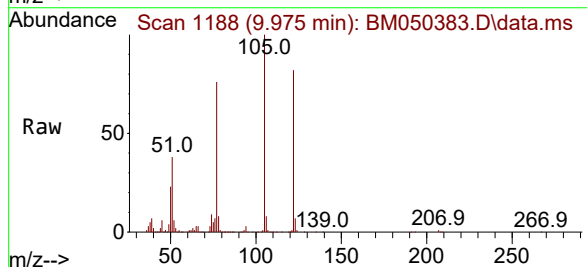
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

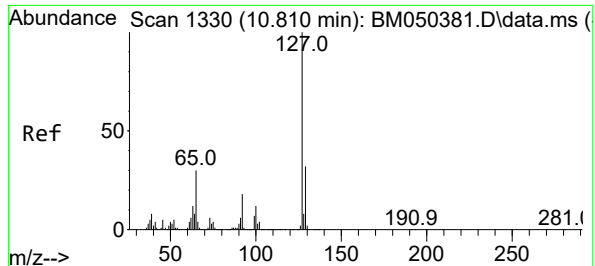
Tgt Ion:128 Resp: 4834692
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 60.734 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:122 Resp: 912053
Ion Ratio Lower Upper
122 100
105 122.5 104.0 144.0
77 93.4 73.8 113.8





#33

4-Chloroaniline

Concen: 63.348 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 2130451

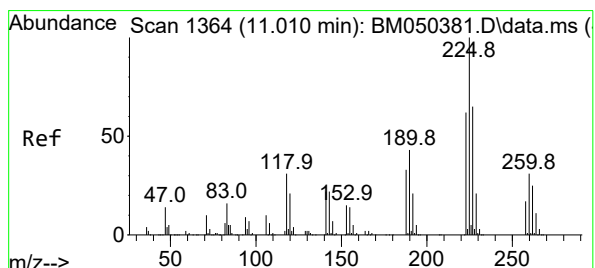
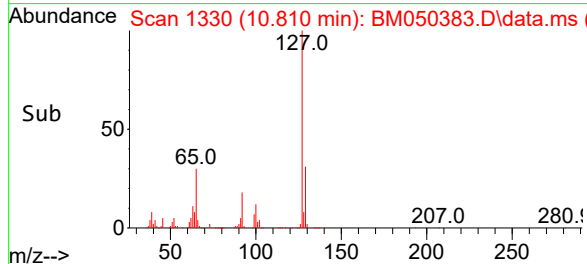
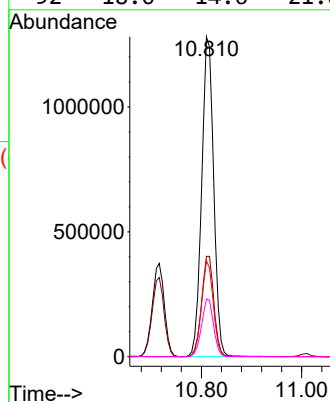
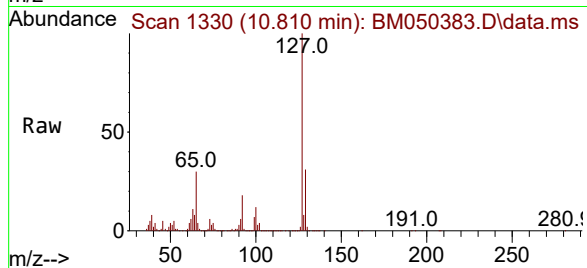
Ion Ratio Lower Upper

127 100

129 31.3 25.5 38.3

65 30.0 23.9 35.9

92 18.0 14.6 21.8



#34

Hexachlorobutadiene

Concen: 63.032 ng

RT: 11.010 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

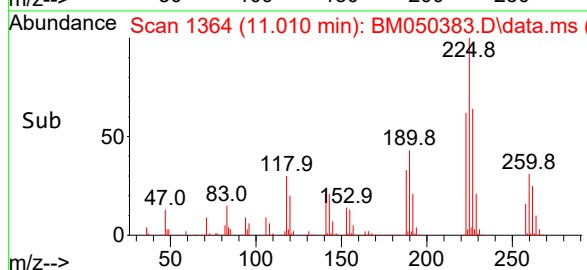
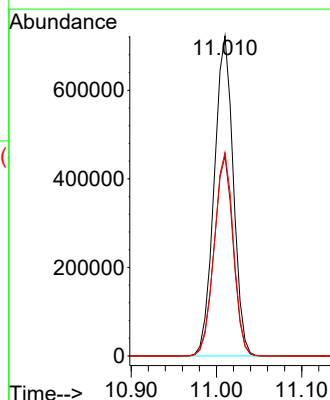
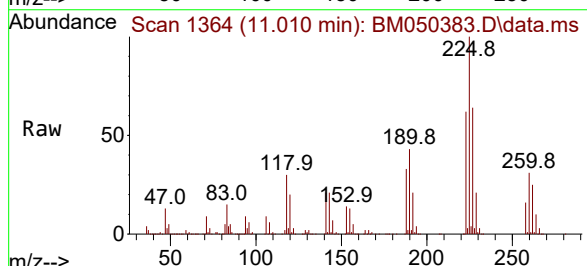
Tgt Ion:225 Resp: 1123283

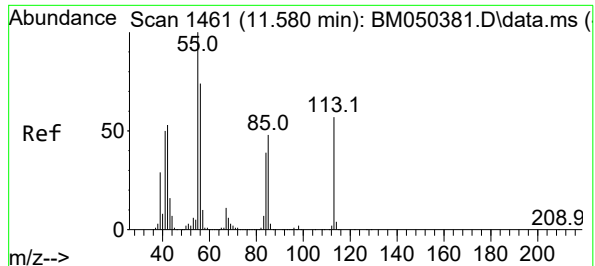
Ion Ratio Lower Upper

225 100

223 62.4 49.7 74.5

227 63.6 52.1 78.1

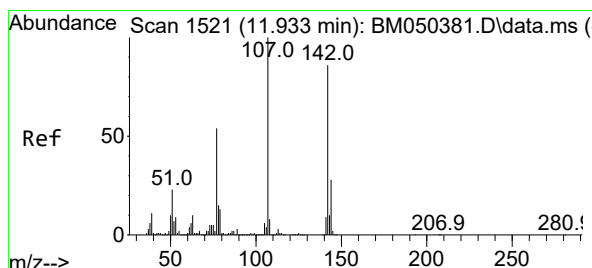
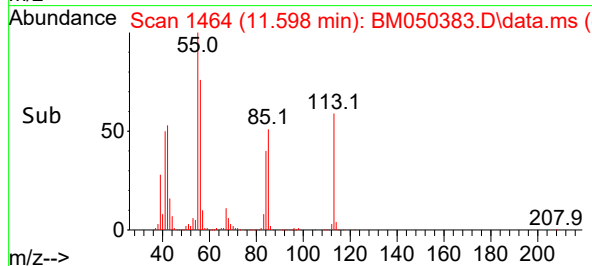
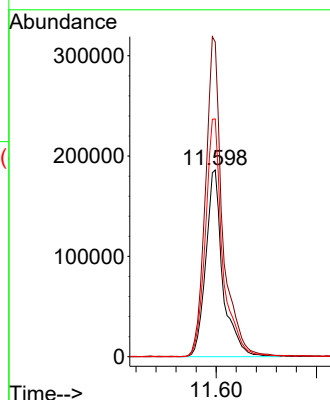
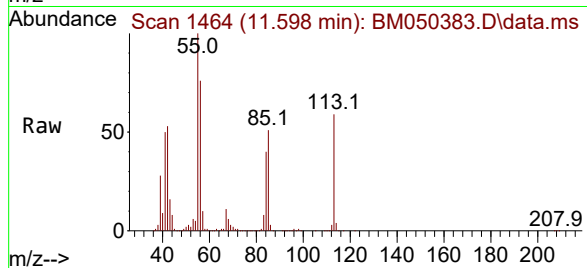




#35
Caprolactam
Concen: 65.768 ng
RT: 11.598 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

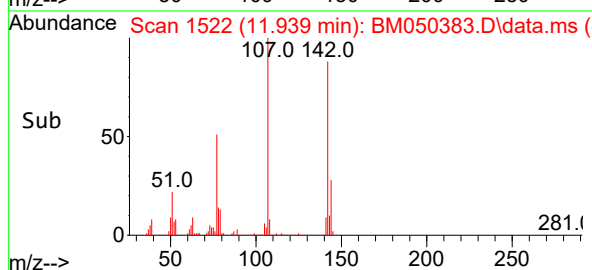
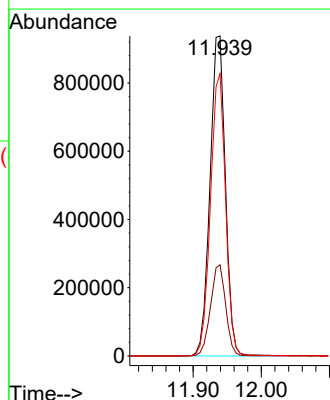
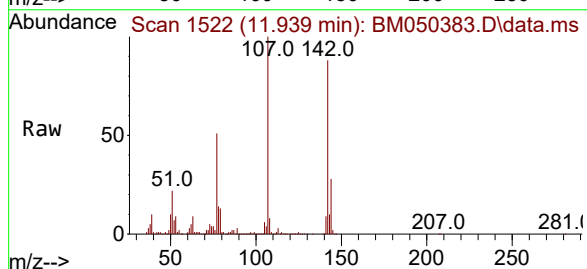
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

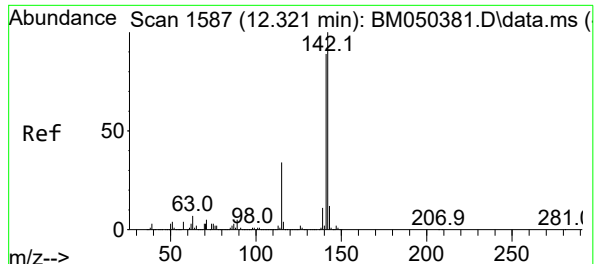
Tgt Ion	Ratio	Lower	Upper
113	100		
55	168.5	157.2	197.2
56	127.3	111.7	151.7



#36
4-Chloro-3-methylphenol
Concen: 64.612 ng
RT: 11.939 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	88.2	68.7	103.1

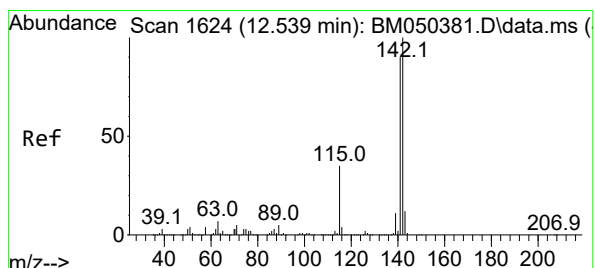
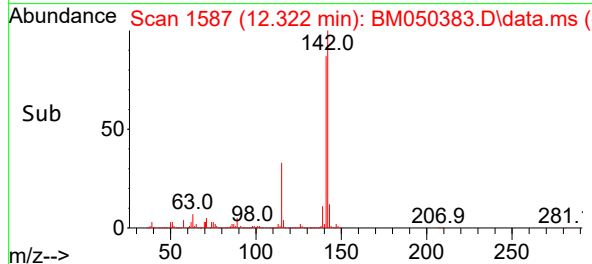
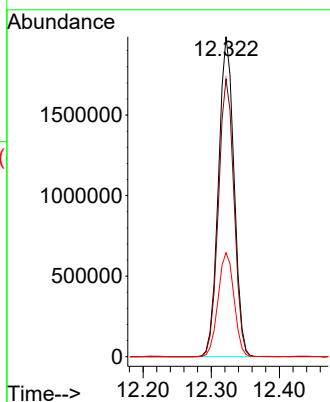
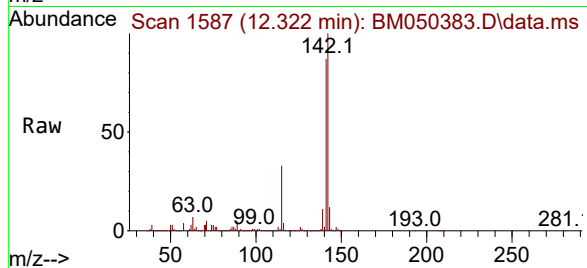




#37
2-Methylnaphthalene
Concen: 62.784 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

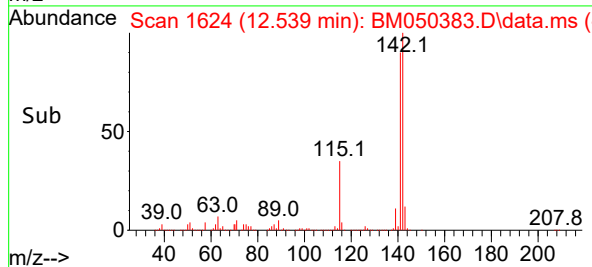
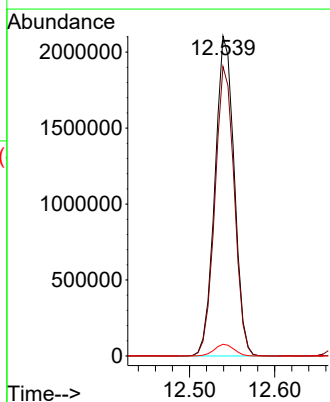
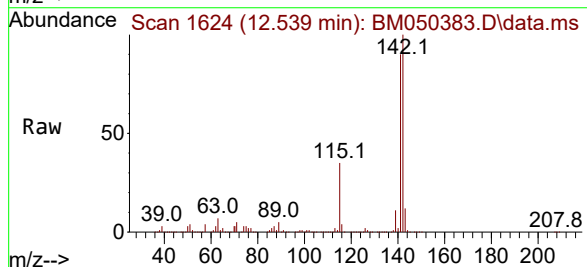
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

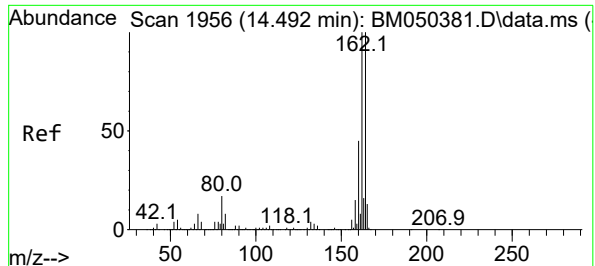
Tgt Ion:142 Resp: 3153595
Ion Ratio Lower Upper
142 100
141 86.8 70.8 106.2
115 32.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 62.500 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:142 Resp: 3322331
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

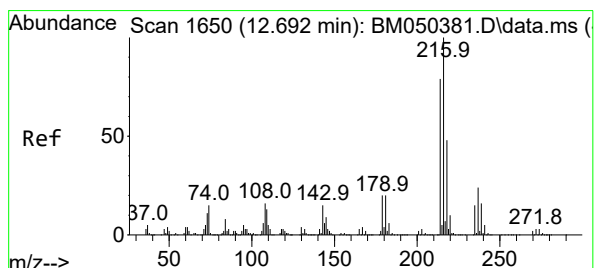
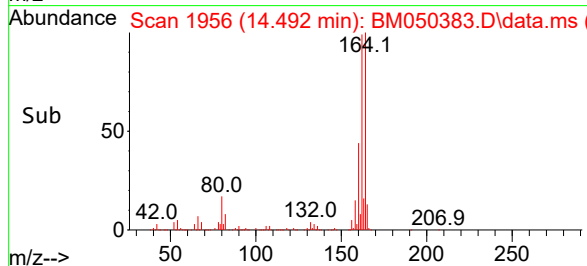
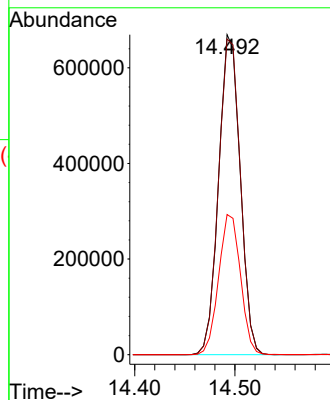
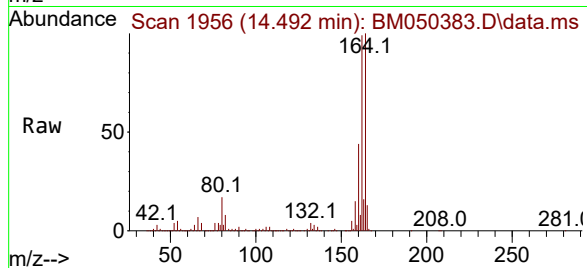
Tgt Ion:164 Resp: 998713

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 64.436 ng

RT: 12.692 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:216 Resp: 2046472

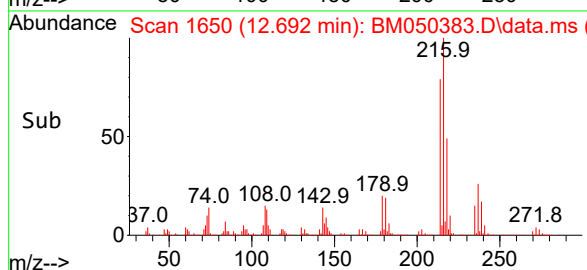
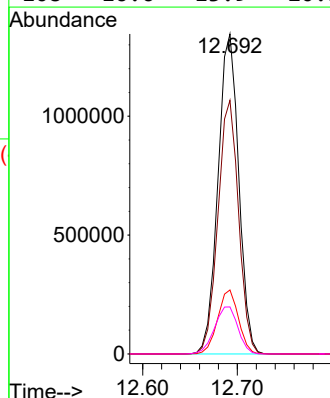
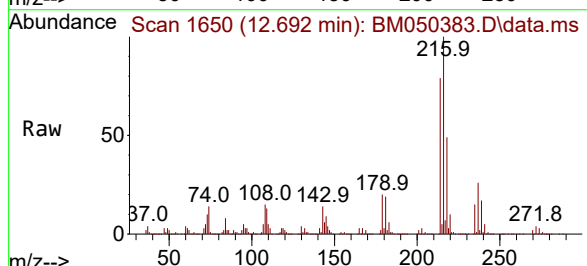
Ion Ratio Lower Upper

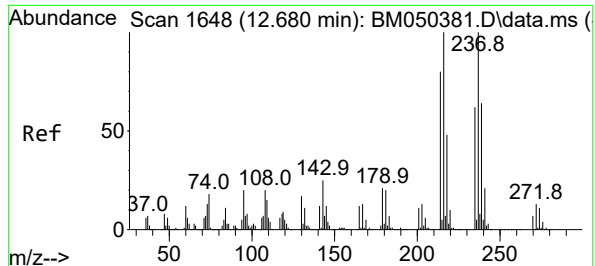
216 100

214 78.9 63.3 94.9

179 20.1 16.4 24.6

108 16.6 13.9 20.9

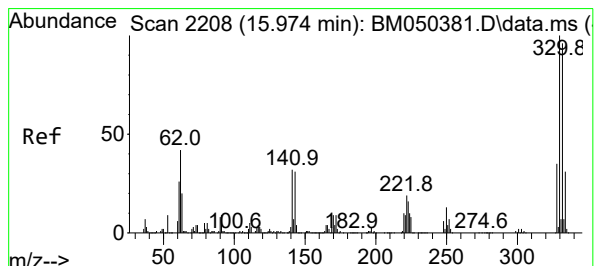
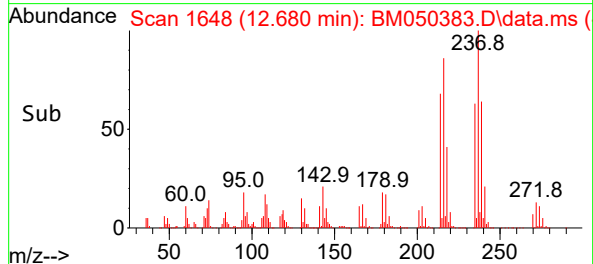
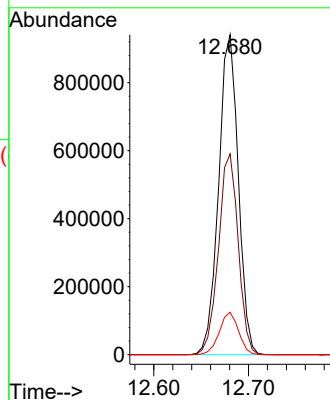
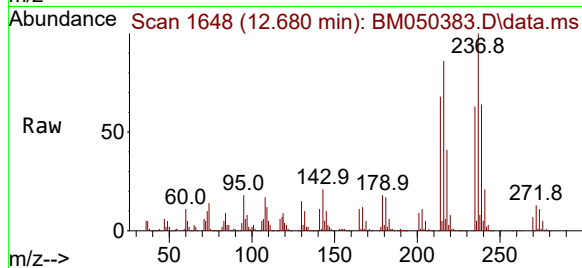




#41
Hexachlorocyclopentadiene
Concen: 66.942 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

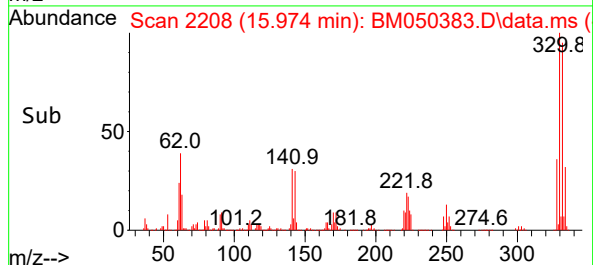
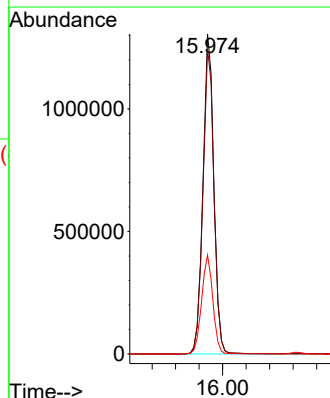
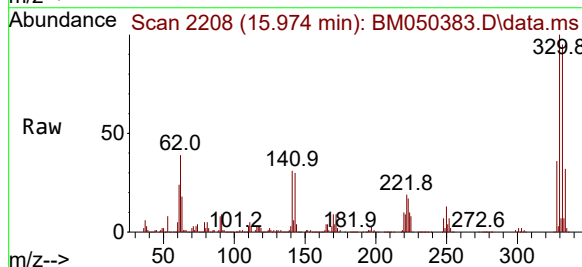
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

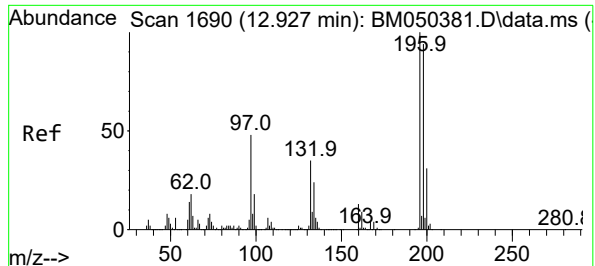
Tgt Ion:237 Resp: 1359023
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 138.460 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:330 Resp: 1680132
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.9 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 66.483 ng

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

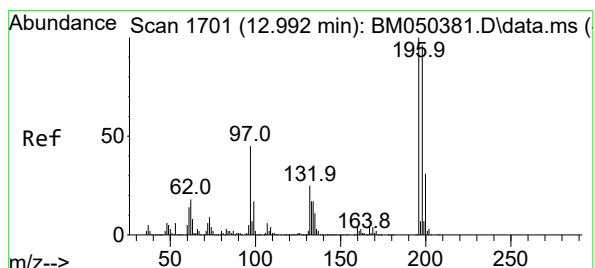
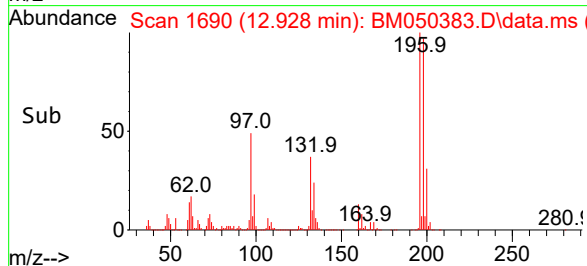
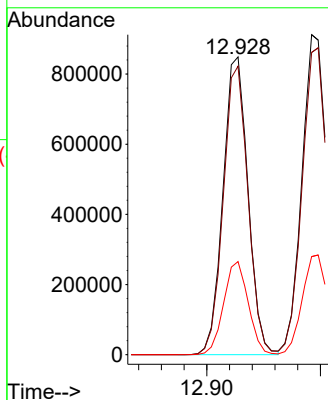
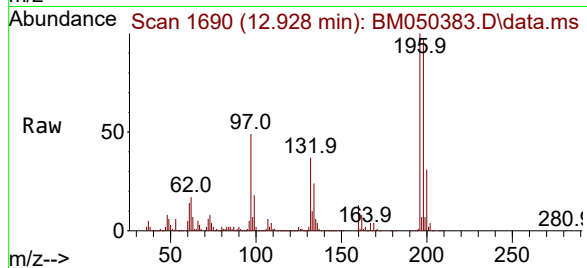
Tgt Ion:196 Resp: 1299719

Ion Ratio Lower Upper

196 100

198 96.8 75.1 112.7

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 65.913 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:196 Resp: 1407280

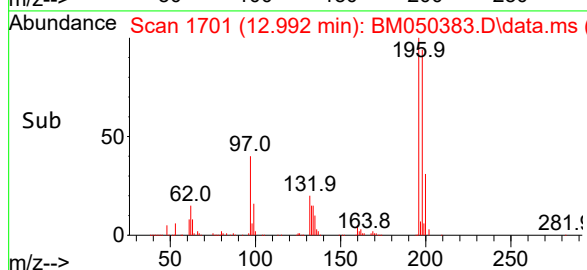
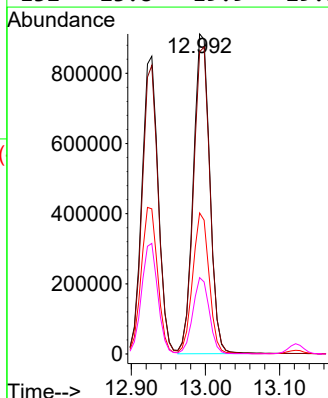
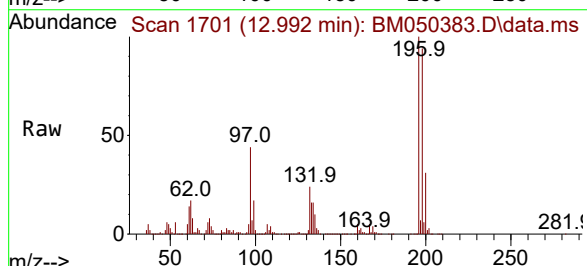
Ion Ratio Lower Upper

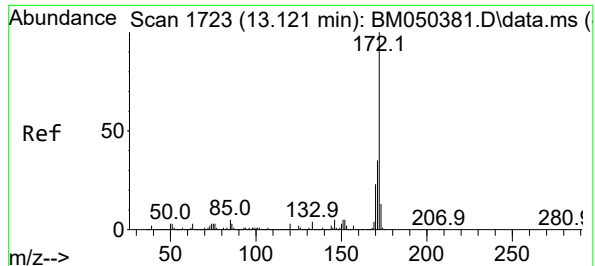
196 100

198 94.5 77.2 115.8

97 44.0 36.2 54.4

132 23.8 19.9 29.9

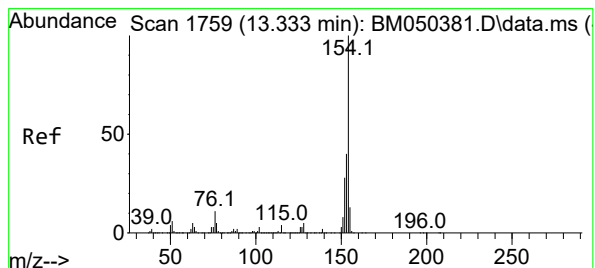
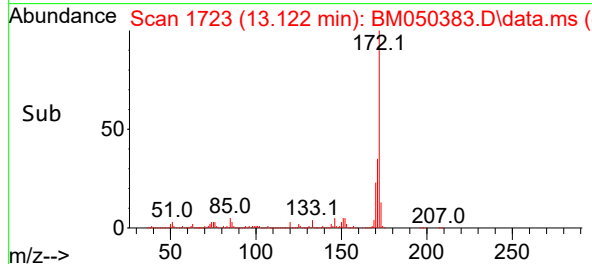
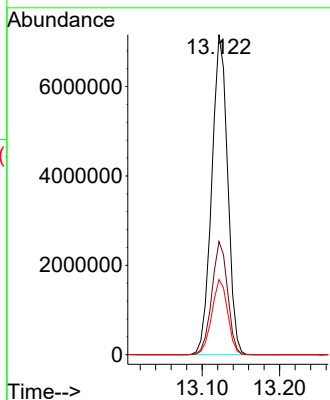
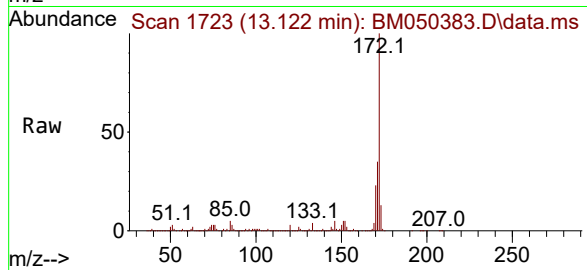




#45
2-Fluorobiphenyl
Concen: 125.724 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

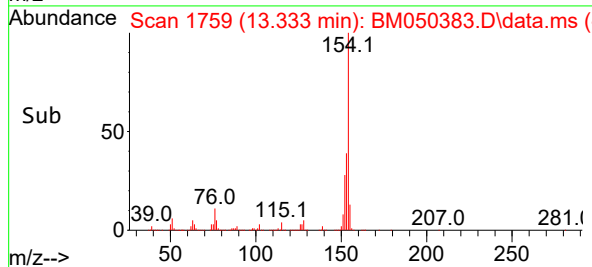
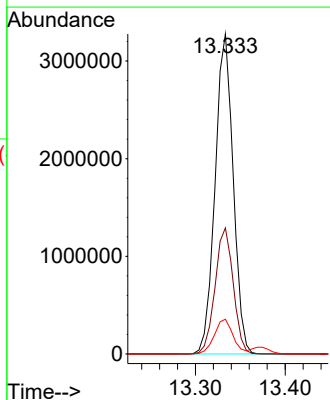
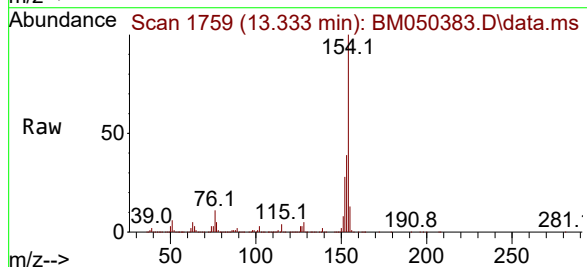
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

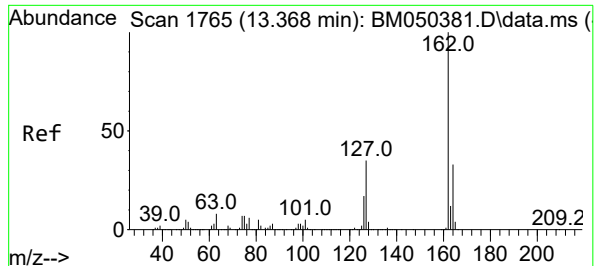
Tgt Ion:172 Resp:10167533
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 61.736 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 4574537
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 10.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 61.699 ng

RT: 13.375 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

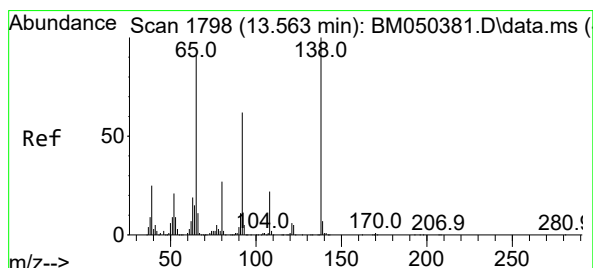
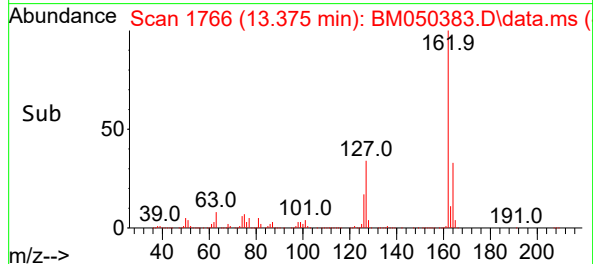
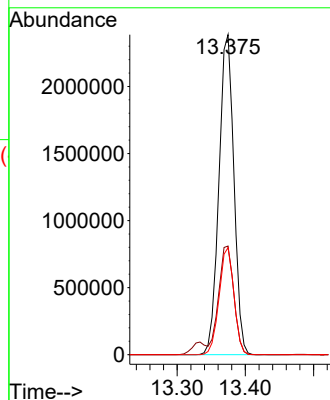
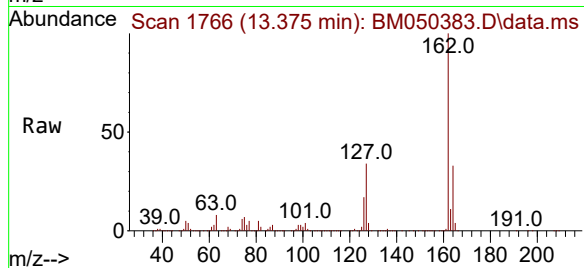
Tgt Ion:162 Resp: 3645124

Ion Ratio Lower Upper

162 100

127 34.0 28.3 42.5

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 68.554 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

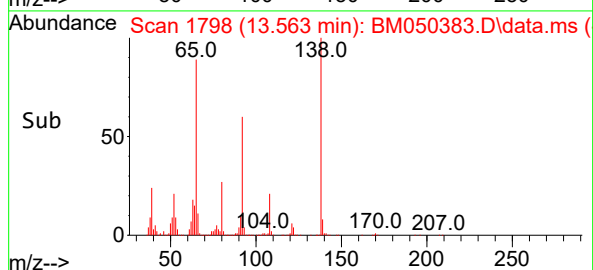
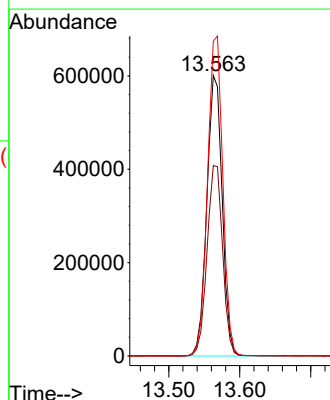
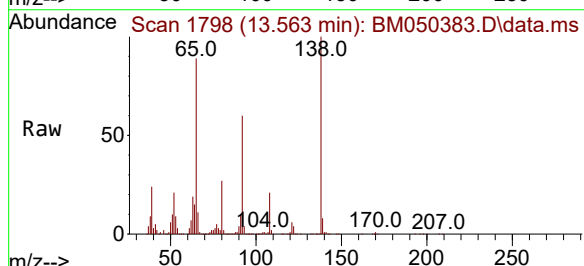
Tgt Ion: 65 Resp: 904021

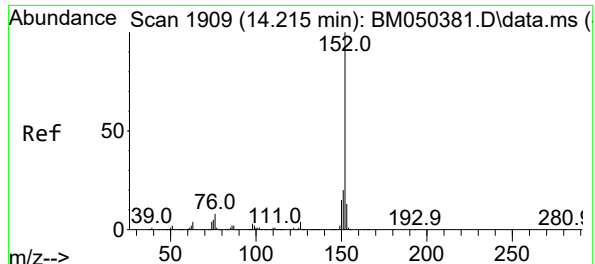
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 112.3 87.8 131.6





#49

Acenaphthylene

Concen: 62.931 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

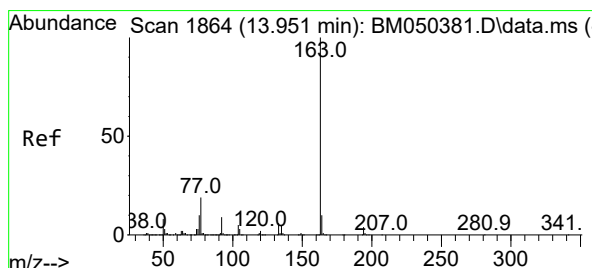
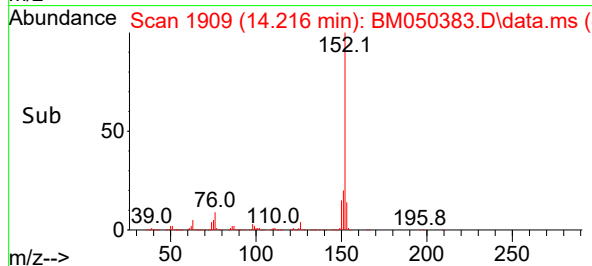
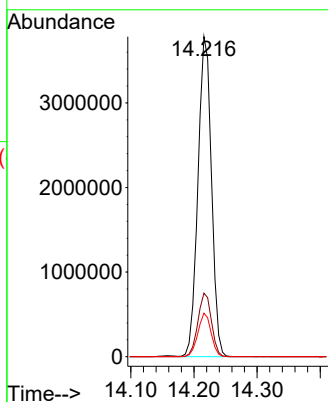
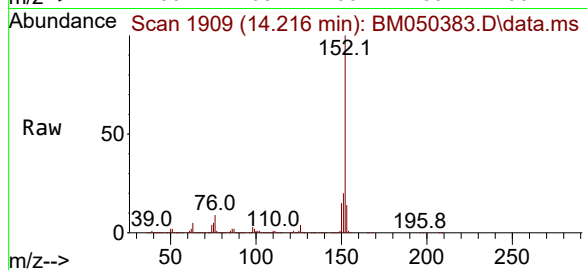
BNA_M

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 5618754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.6	15.8



#50

Dimethylphthalate

Concen: 62.407 ng

RT: 13.957 min Scan# 1865

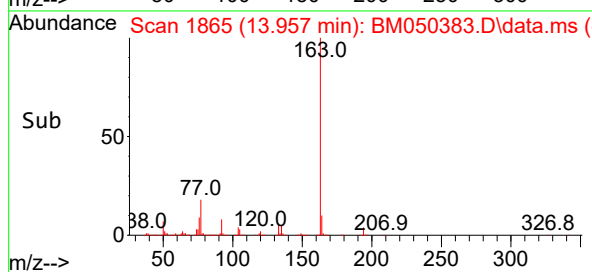
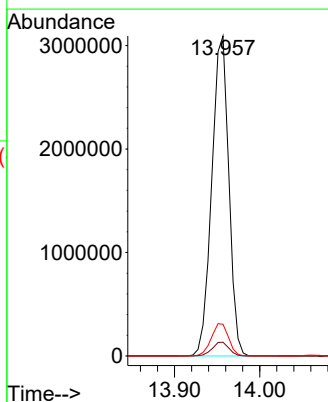
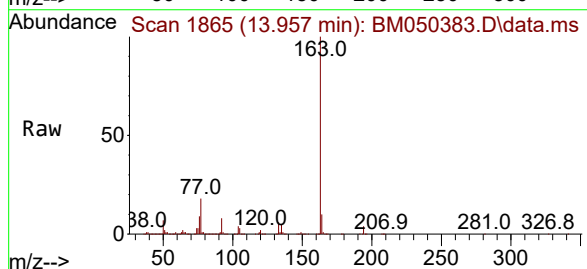
Delta R.T. 0.006 min

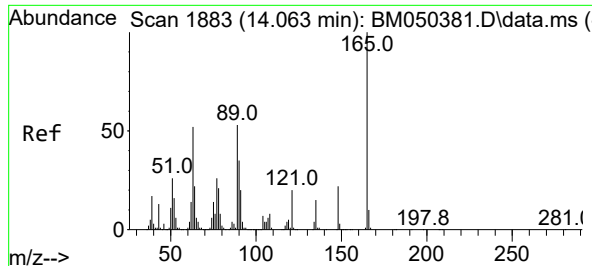
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:163 Resp: 4291046

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.2

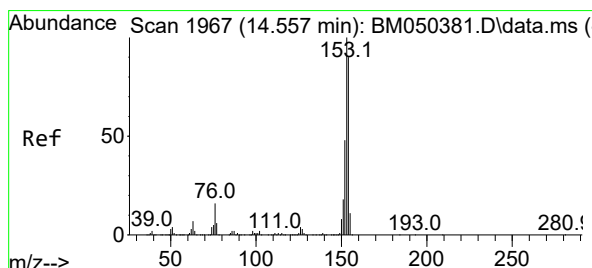
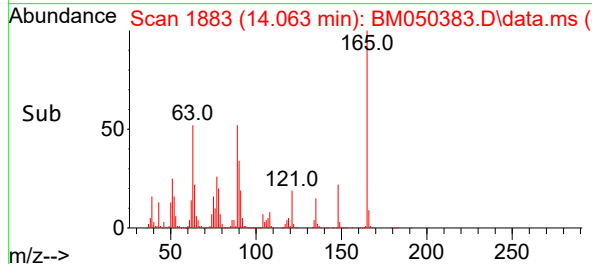
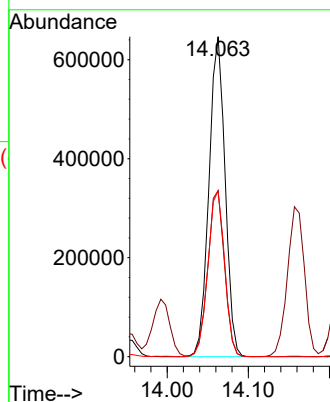
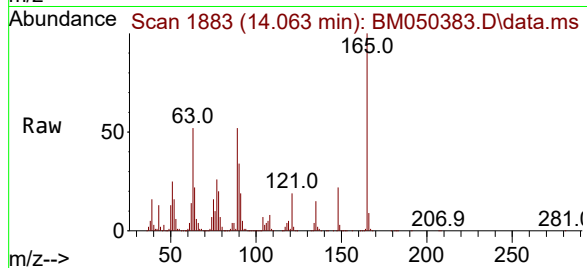




#51
2,6-Dinitrotoluene
Concen: 67.510 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

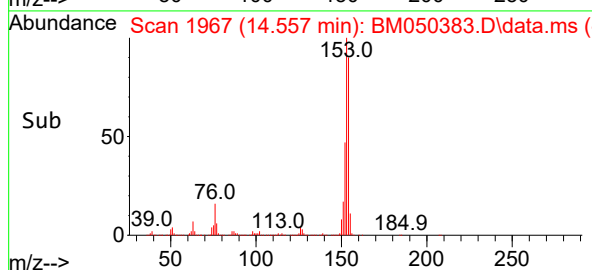
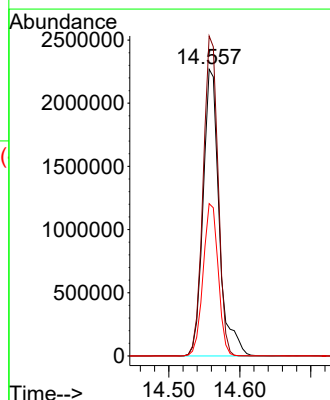
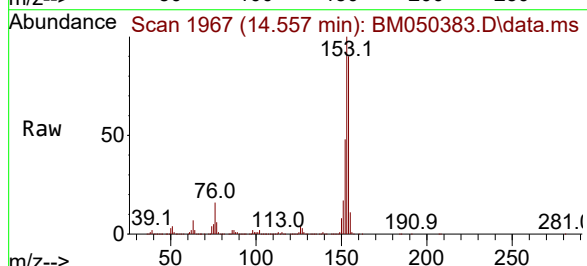
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

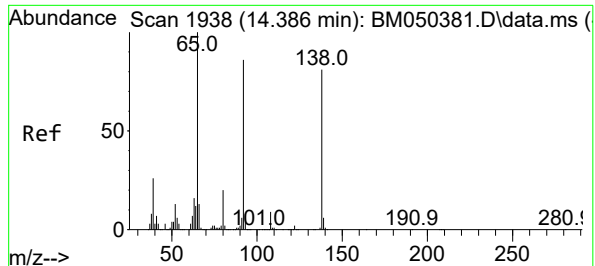
Tgt Ion:165 Resp: 891260
Ion Ratio Lower Upper
165 100
63 51.9 42.4 63.6
89 51.8 42.2 63.2



#52
Acenaphthene
Concen: 63.105 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 3582059
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 53.1 42.6 64.0

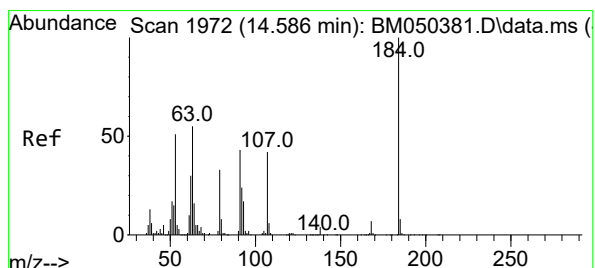
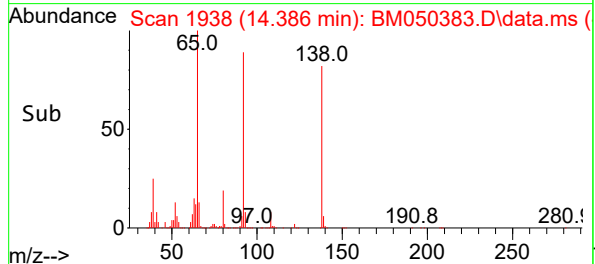
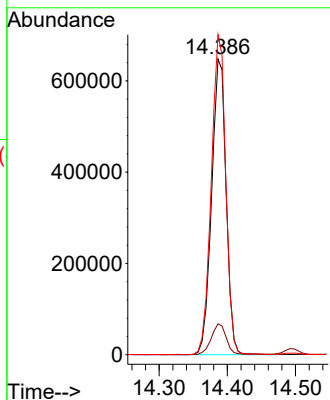
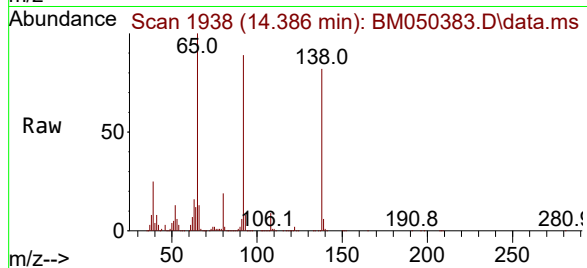




#53
3-Nitroaniline
Concen: 68.179 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

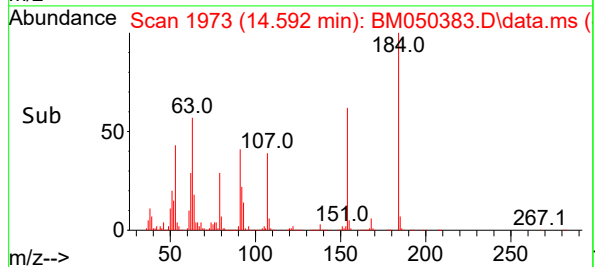
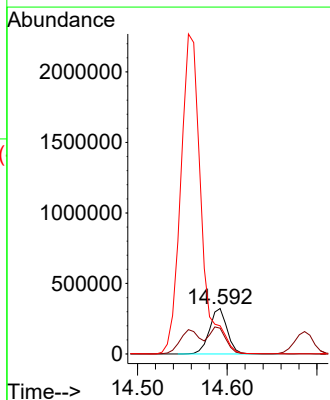
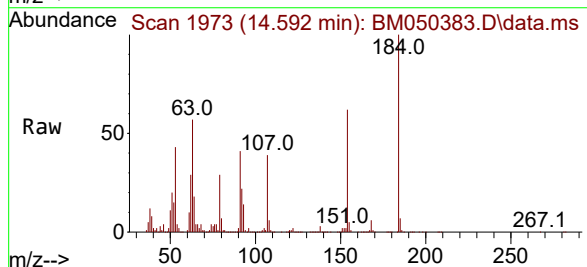
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

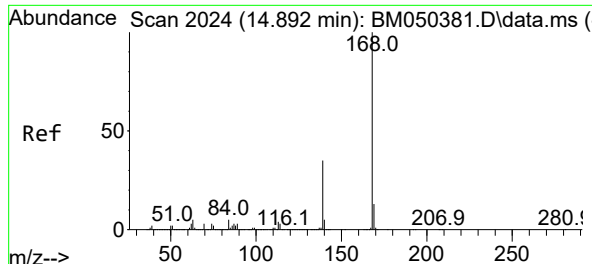
Tgt Ion:138 Resp: 957239
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 108.2 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 61.898 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:184 Resp: 439445
Ion Ratio Lower Upper
184 100
63 56.9 53.4 80.0
154 62.1 61.6 92.4

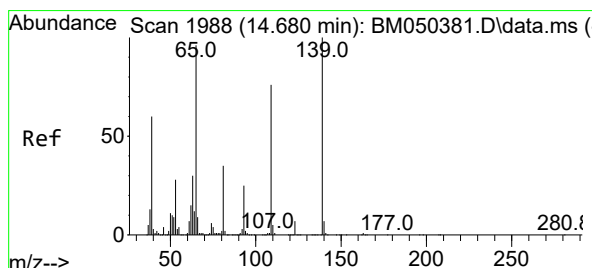
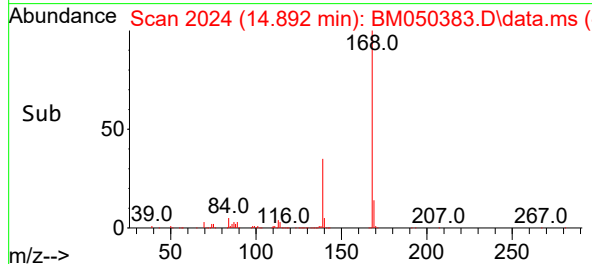
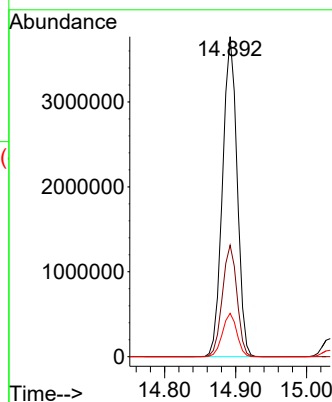
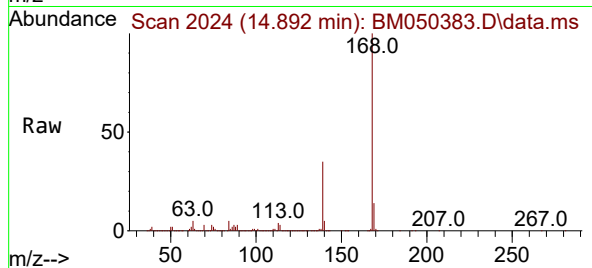




#55
Dibenzenofuran
Concen: 61.102 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

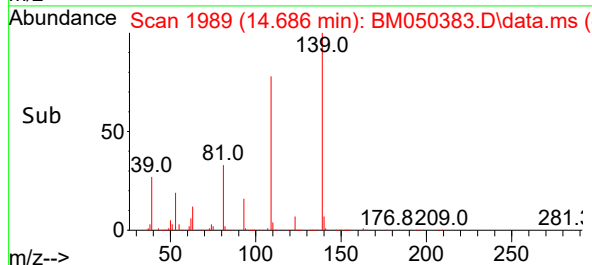
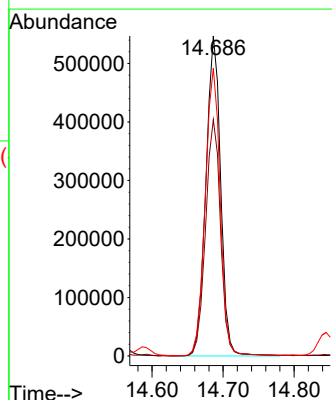
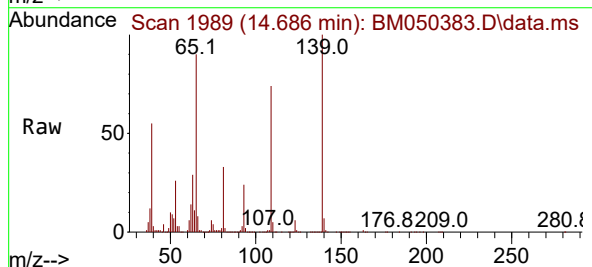
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

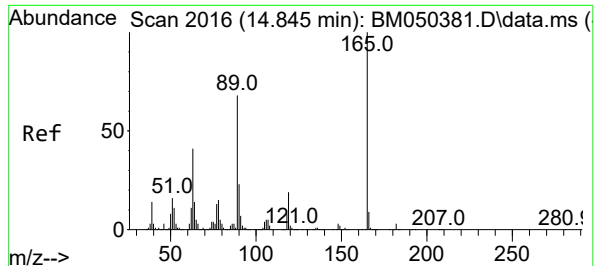
Tgt Ion:168 Resp: 5344109
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 65.804 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 794516
Ion Ratio Lower Upper
139 100
109 73.8 56.5 96.5
65 89.9 76.4 116.4

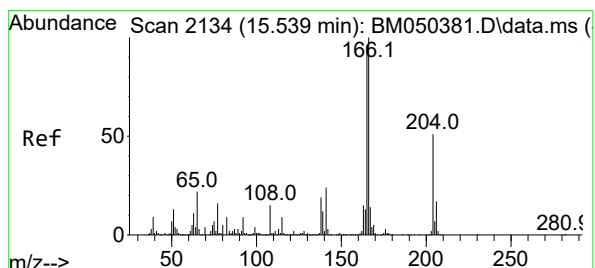
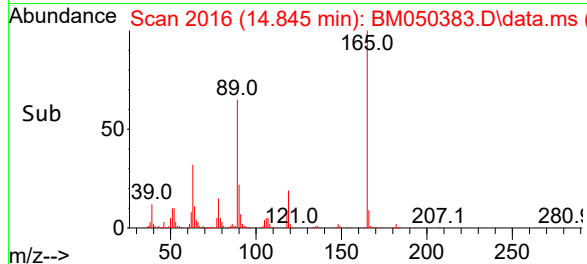
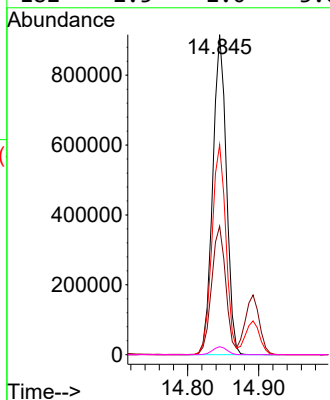
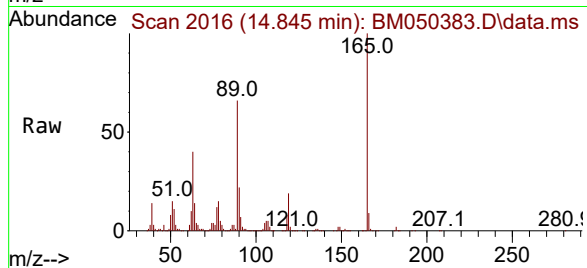




#57
2,4-Dinitrotoluene
Concen: 60.887 ng
RT: 14.845 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

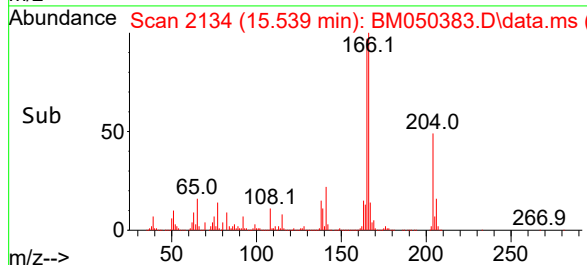
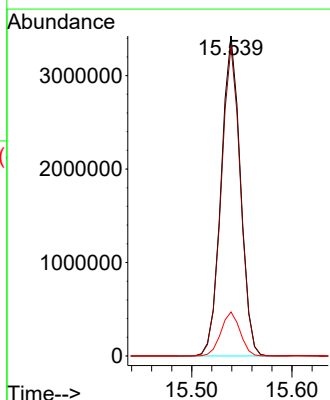
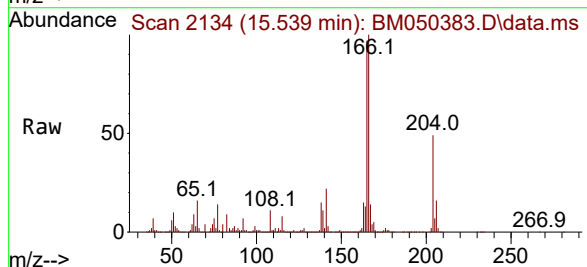
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

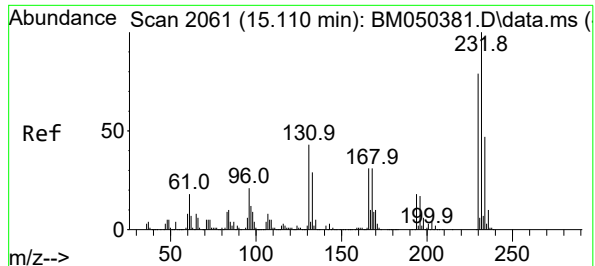
Tgt Ion:165 Resp: 1218665
Ion Ratio Lower Upper
165 100
63 40.2 32.5 48.7
89 65.6 54.0 81.0
182 2.5 2.0 3.0



#58
Fluorene
Concen: 63.309 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:166 Resp: 4560797
Ion Ratio Lower Upper
166 100
165 96.9 77.0 115.6
167 13.8 10.9 16.3

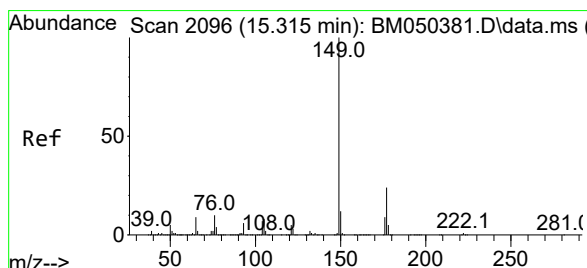
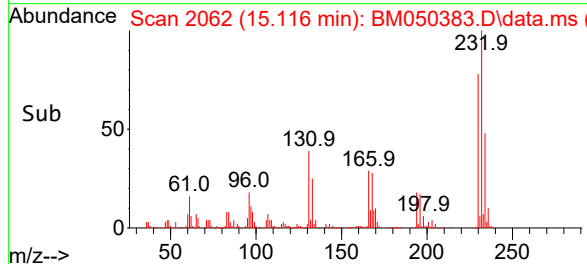
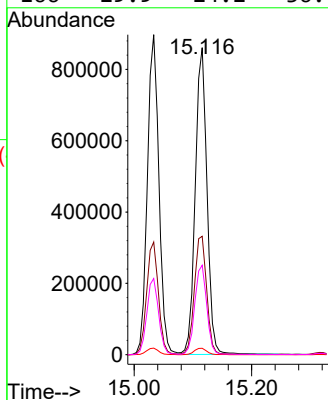
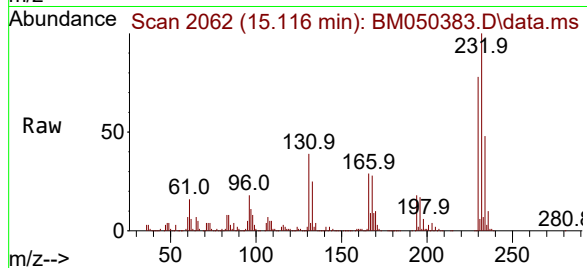




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.202 ng
RT: 15.116 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

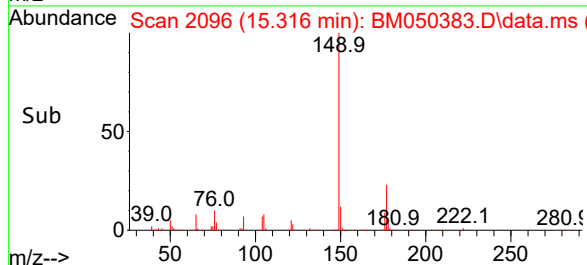
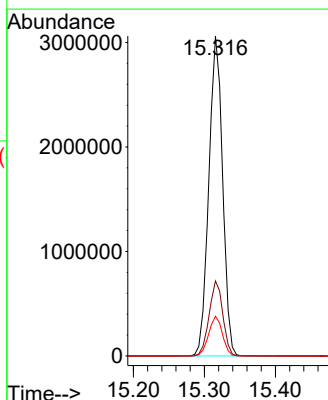
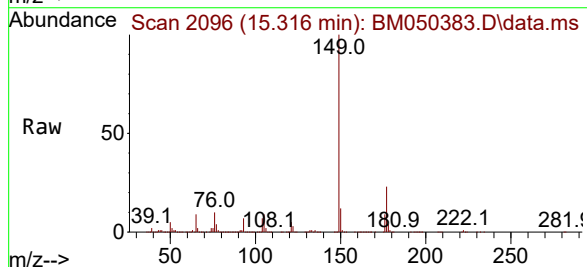
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

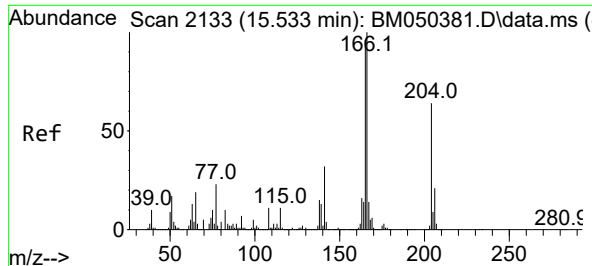
Tgt Ion:232 Resp: 1189838
Ion Ratio Lower Upper
232 100
131 40.7 33.4 50.0
130 2.2 1.8 2.6
166 29.9 24.2 36.4



#60
Diethylphthalate
Concen: 62.882 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4130183
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.4 9.8 14.8

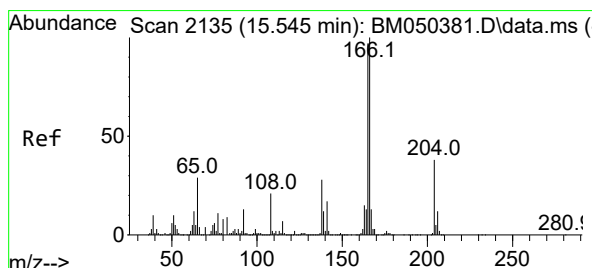
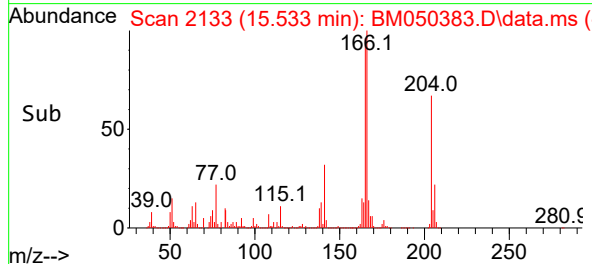
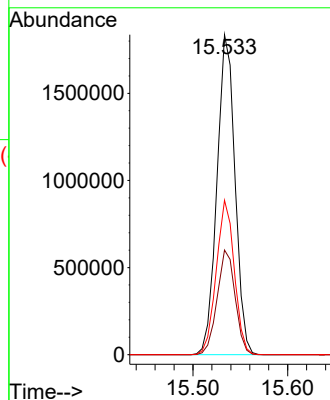
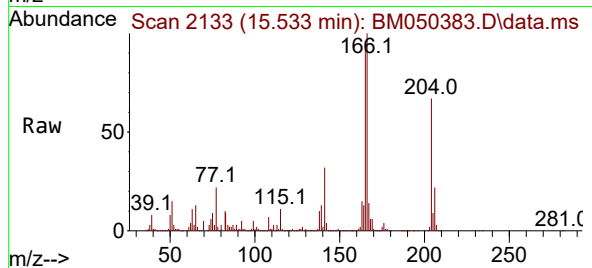




#61
4-Chlorophenyl-phenylether
Concen: 64.533 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

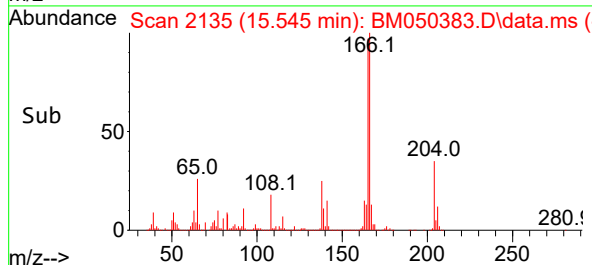
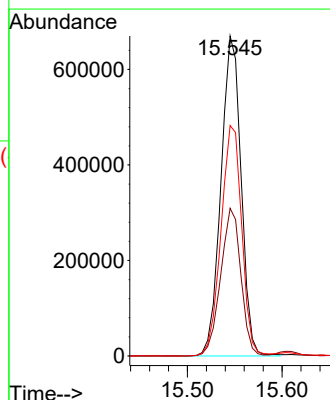
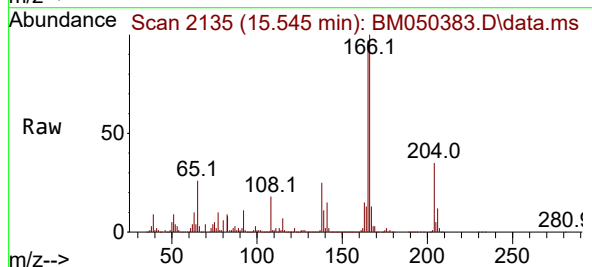
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

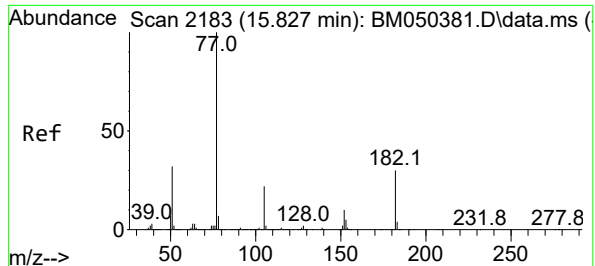
Tgt Ion:204 Resp: 2430909
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 48.2 39.9 59.9



#62
4-Nitroaniline
Concen: 60.686 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:138 Resp: 991212
Ion Ratio Lower Upper
138 100
92 46.2 24.5 64.5
108 72.0 52.5 92.5

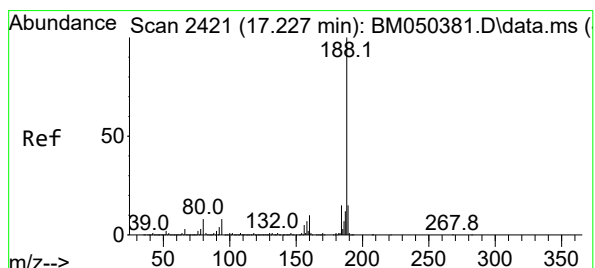
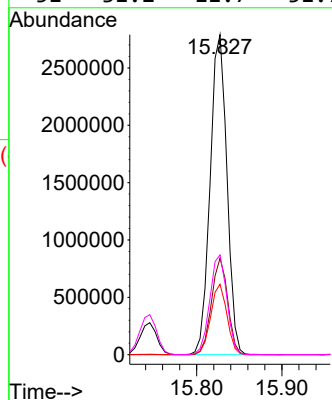
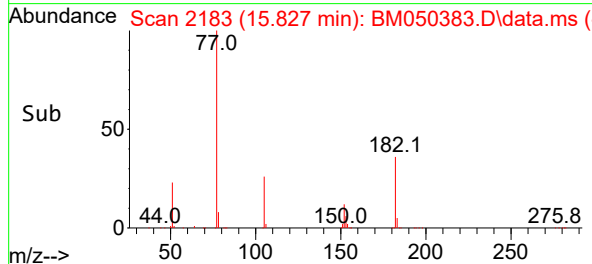
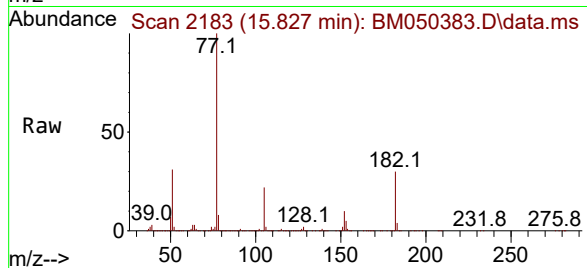




#63
Azobenzene
Concen: 63.206 ng
RT: 15.827 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

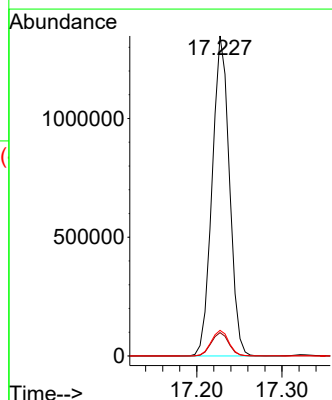
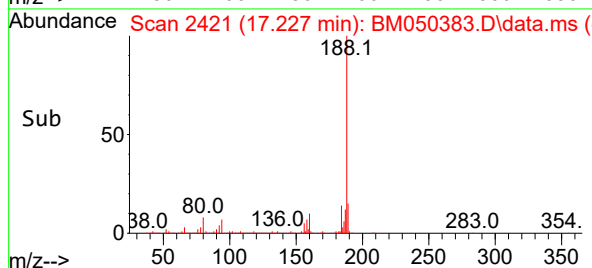
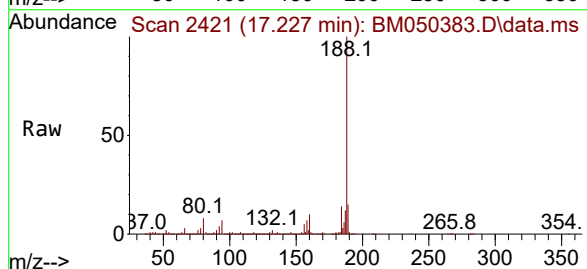
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

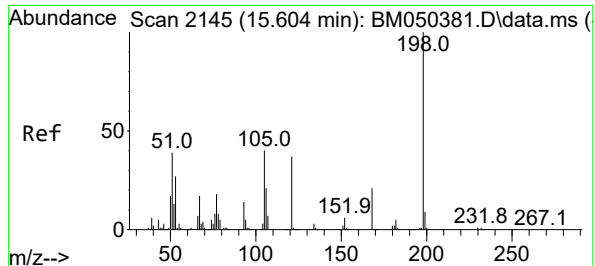
Tgt Ion: 77 Resp: 3812033
Ion Ratio Lower Upper
77 100
182 30.1 10.0 50.0
105 22.0 2.0 42.0
51 31.2 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:188 Resp: 1896999
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 8.0 6.5 9.7

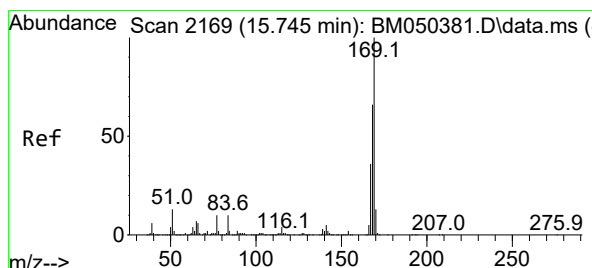
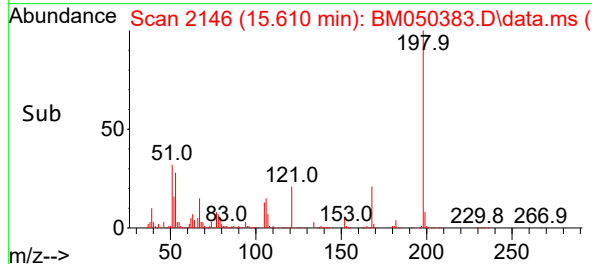
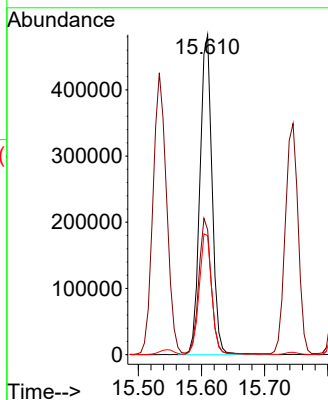
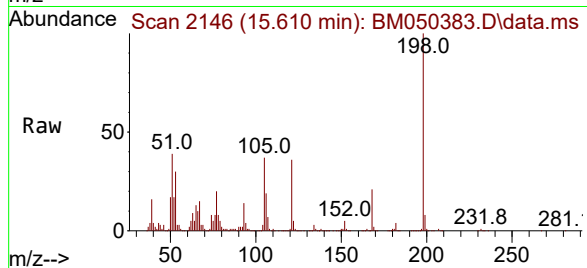




#65
4,6-Dinitro-2-methylphenol
Concen: 61.235 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

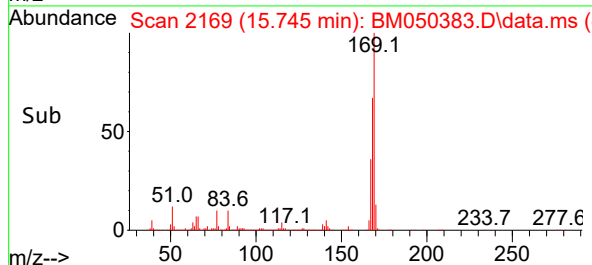
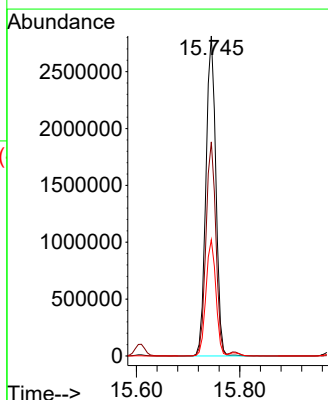
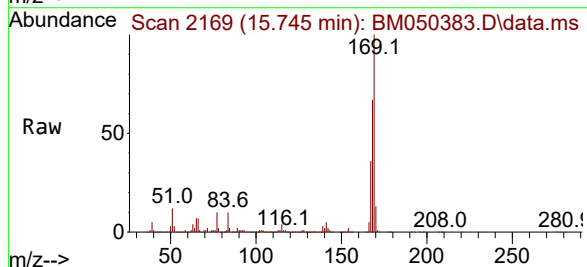
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

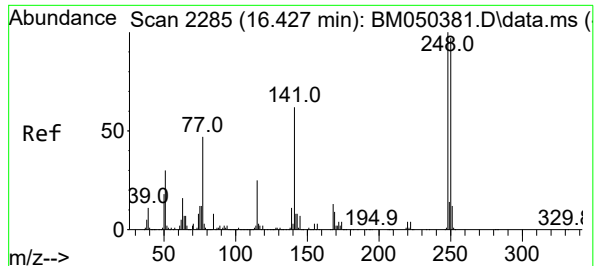
Tgt Ion:198 Resp: 645034
Ion Ratio Lower Upper
198 100
51 39.1 26.6 66.6
105 37.2 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 63.087 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:169 Resp: 3744872
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 28.7 43.1

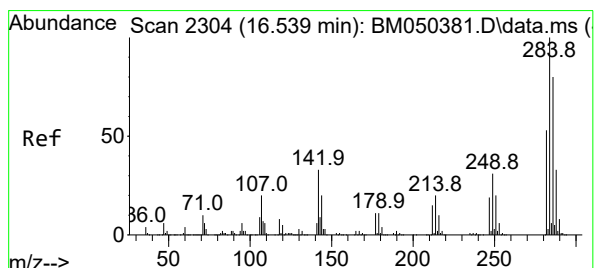
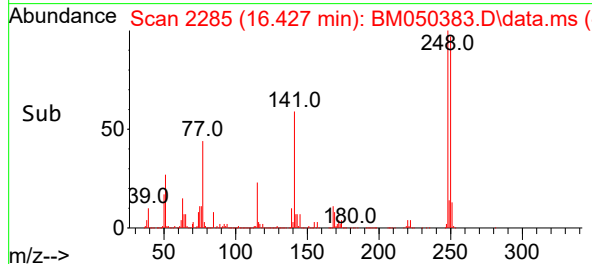
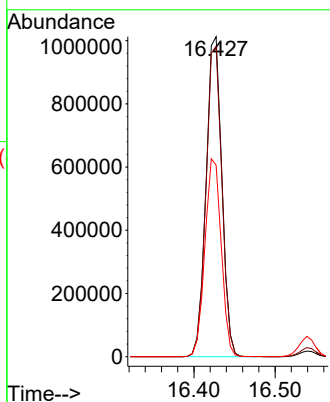
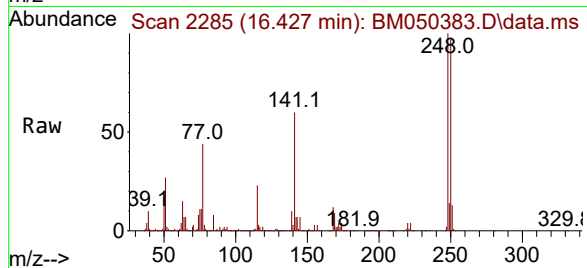




#67
4-Bromophenyl-phenylether
Concen: 65.485 ng
RT: 16.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

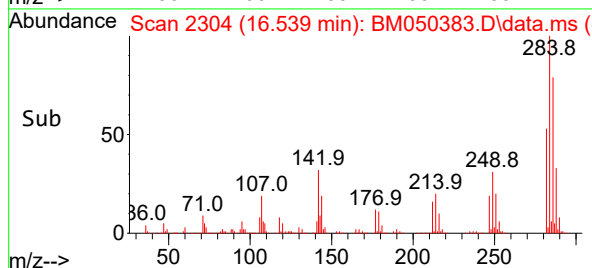
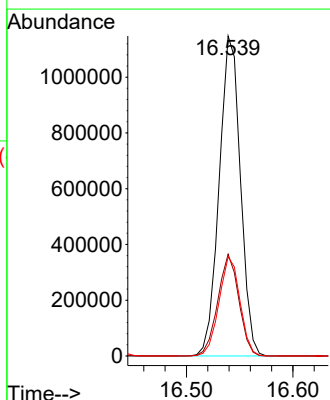
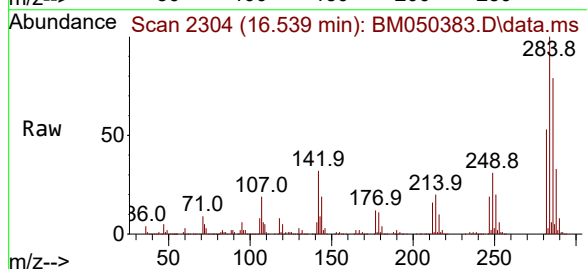
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

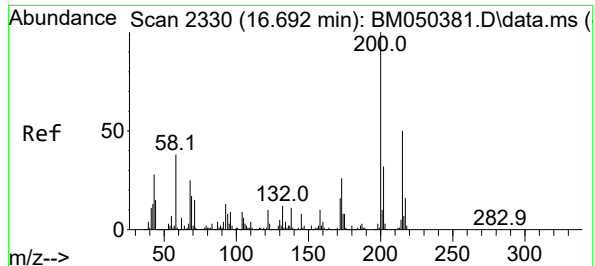
Tgt Ion:248 Resp: 1368680
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 59.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:284 Resp: 1586965
Ion Ratio Lower Upper
284 100
142 31.8 26.8 40.2
249 31.0 24.5 36.7





#69

Atrazine

Concen: 66.510 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

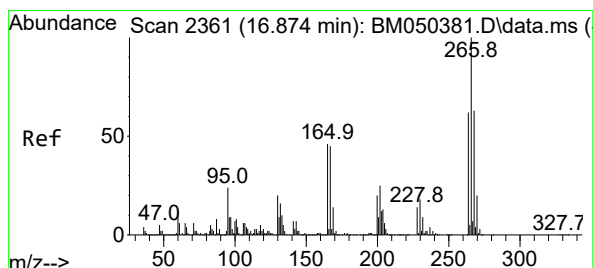
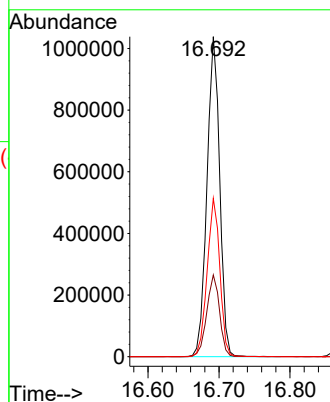
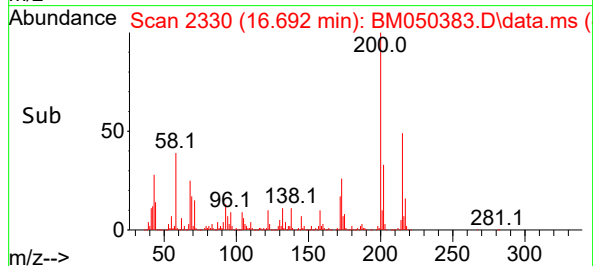
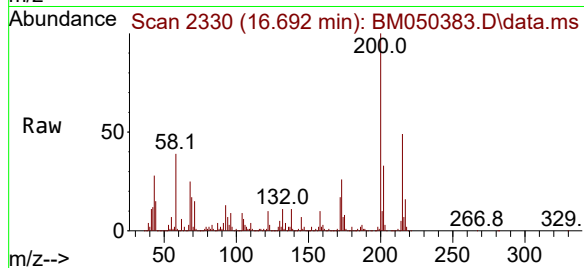
BNA_M

ClientSampleId :

SSTDIC060

Tgt Ion:200 Resp: 1296405

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.6	45.6
215	49.5	29.6	69.6



#70

Pentachlorophenol

Concen: 66.535 ng

RT: 16.880 min Scan# 2362

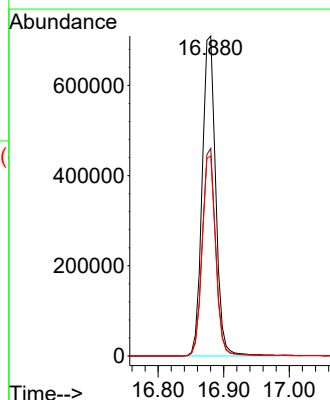
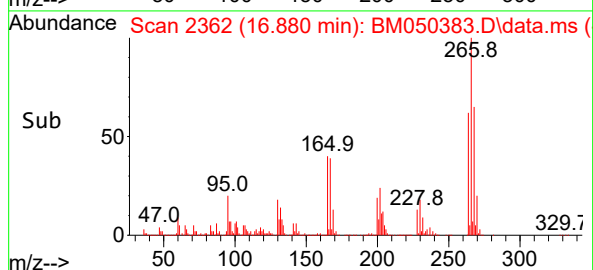
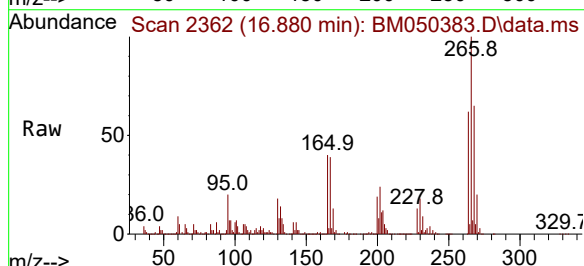
Delta R.T. 0.006 min

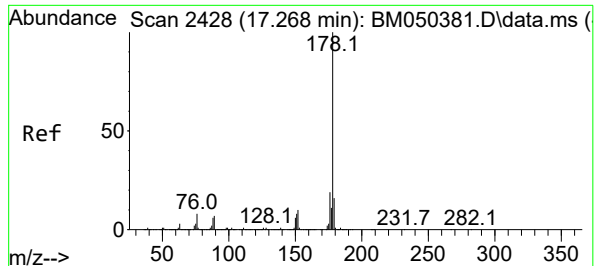
Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Tgt Ion:266 Resp: 1022433

Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.5	75.7
264	62.5	49.9	74.9

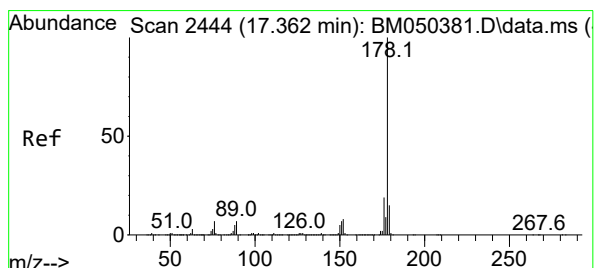
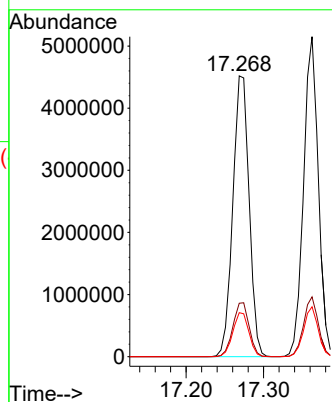
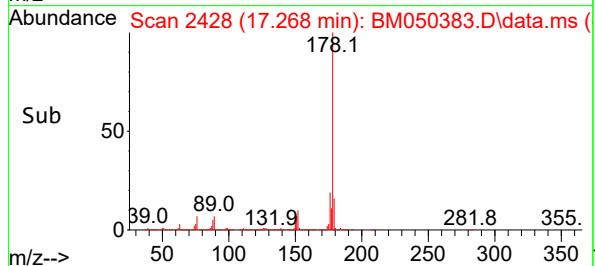
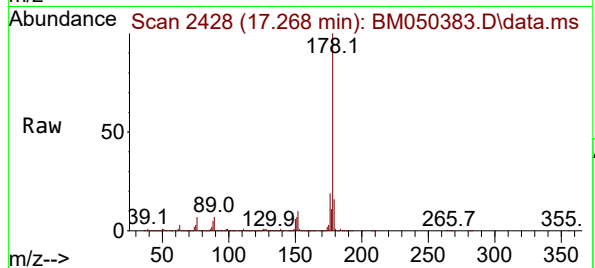




#71
Phenanthrene
Concen: 61.658 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

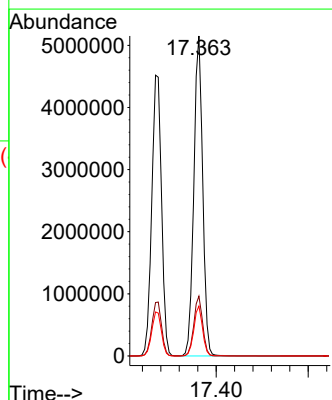
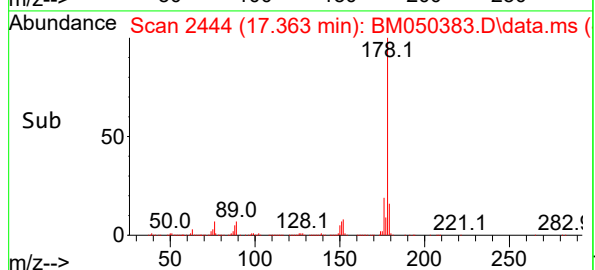
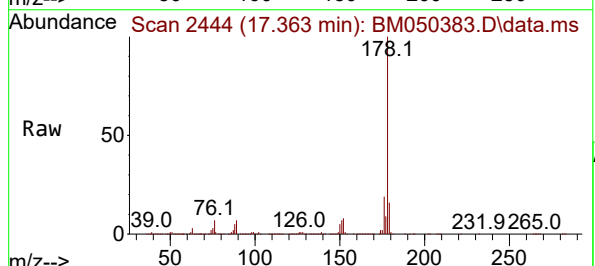
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

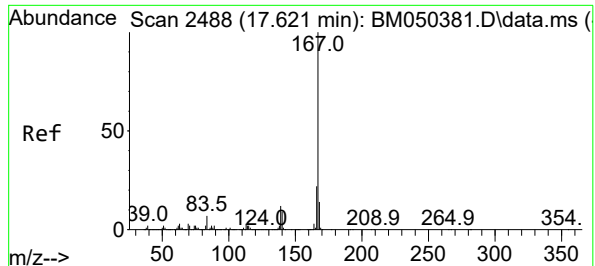
Tgt Ion:178 Resp: 6618592
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.5 18.7



#72
Anthracene
Concen: 64.102 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:178 Resp: 6849285
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.2 18.4

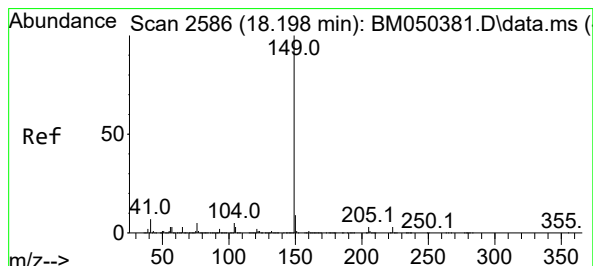
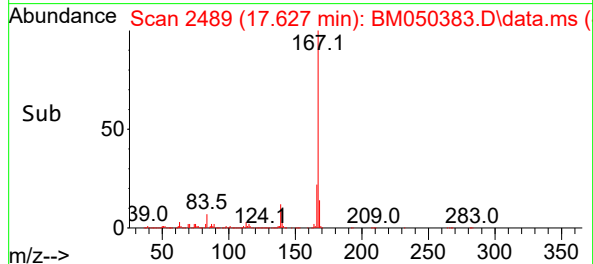
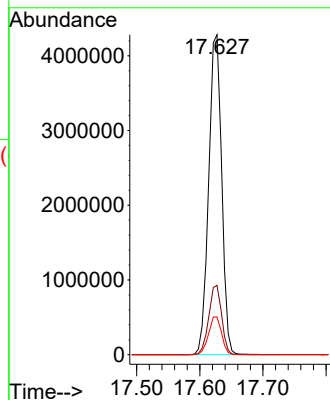
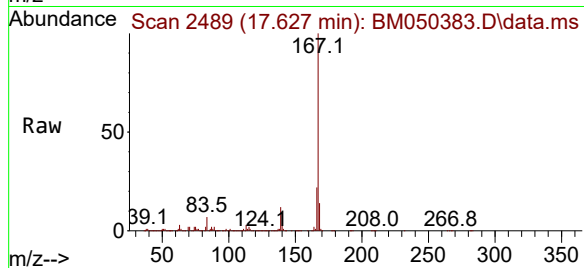




#73
Carbazole
Concen: 63.161 ng
RT: 17.627 min Scan# 2488
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

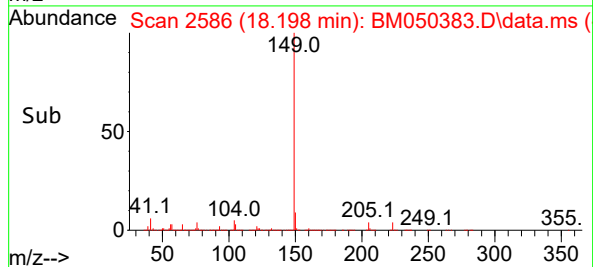
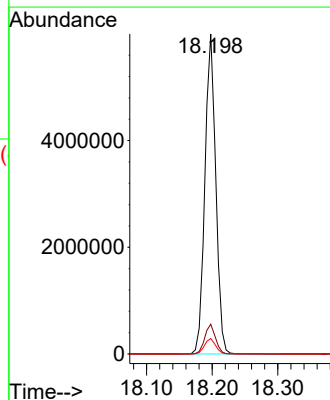
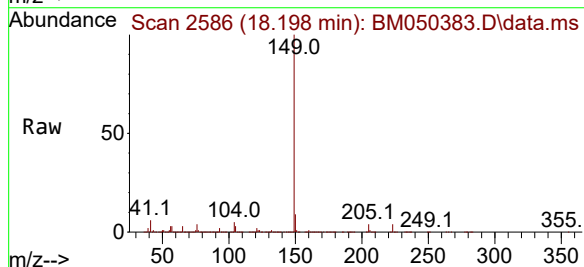
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

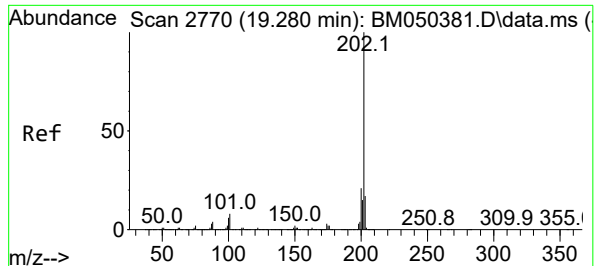
Tgt Ion:167 Resp: 6106388
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 11.8 9.9 14.9



#74
Di-n-butylphthalate
Concen: 65.398 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 6920453
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.8 3.9 5.9

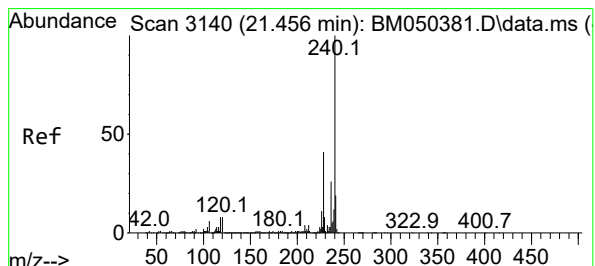
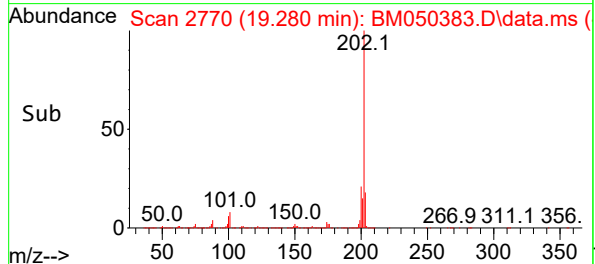
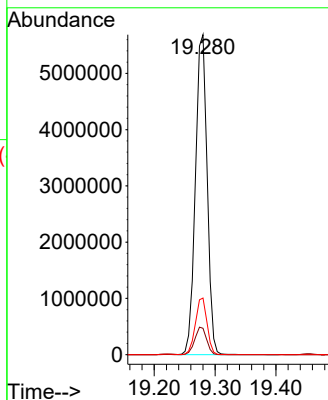
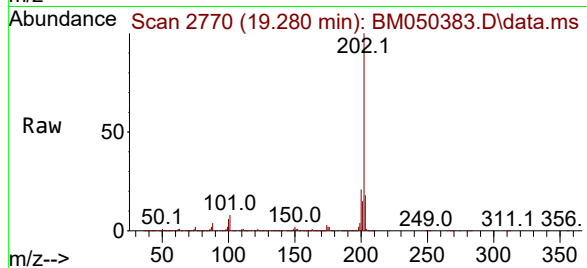




#75
Fluoranthene
Concen: 65.290 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

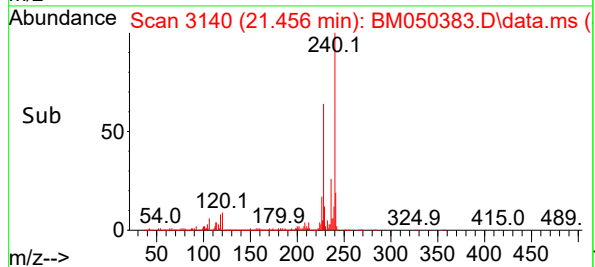
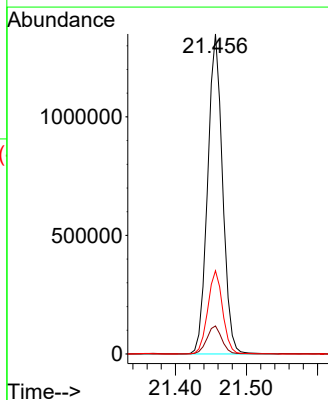
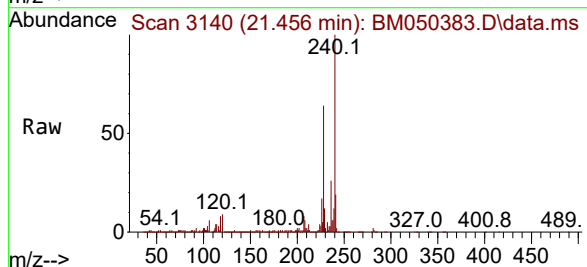
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

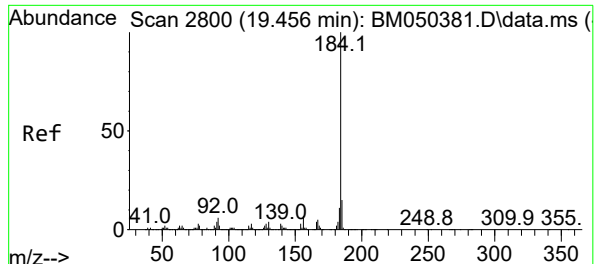
Tgt Ion:202 Resp: 7618952
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:240 Resp: 1968054
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.0 20.7 31.1

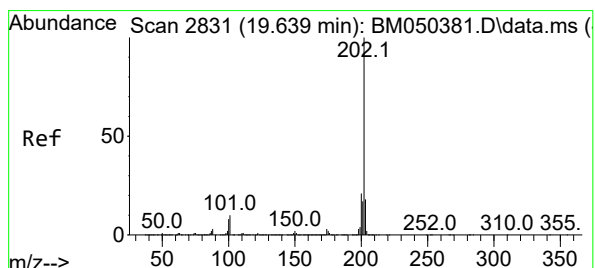
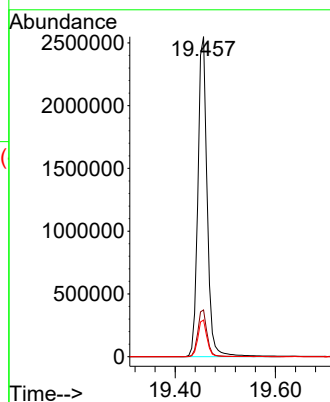
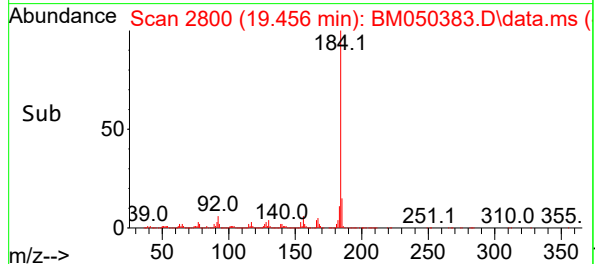
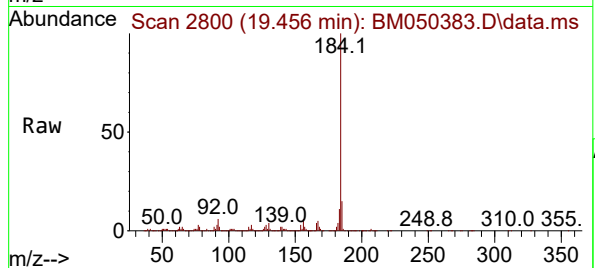




#77
Benzidine
Concen: 64.872 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

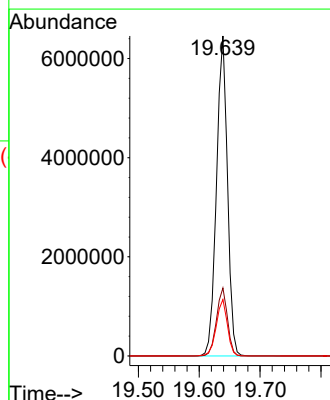
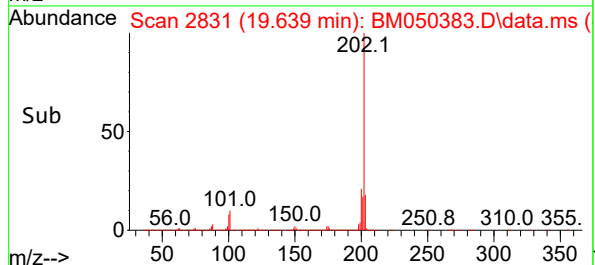
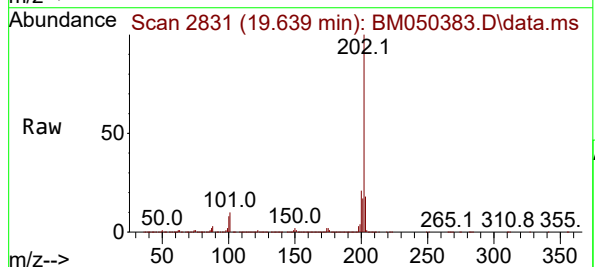
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

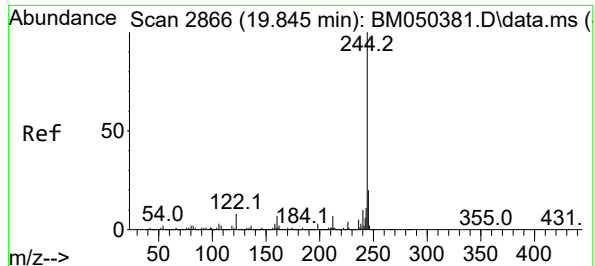
Tgt Ion:184 Resp: 3256422
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.5 9.0 13.6



#78
Pyrene
Concen: 64.009 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:202 Resp: 8067941
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 14.1 21.1

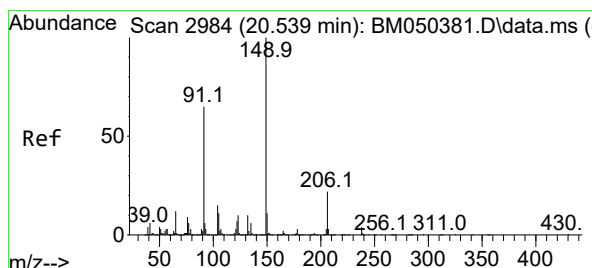
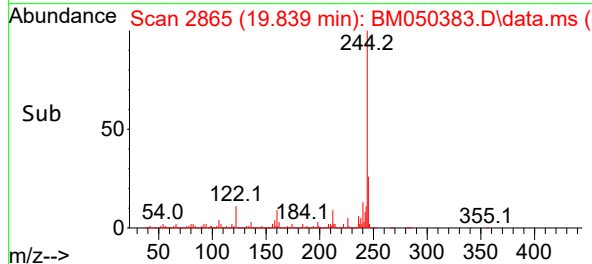
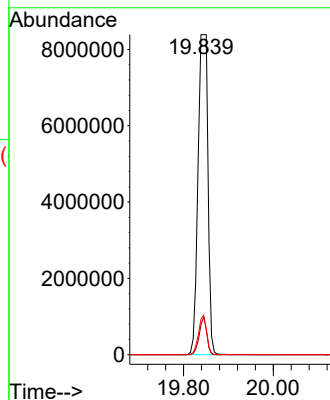
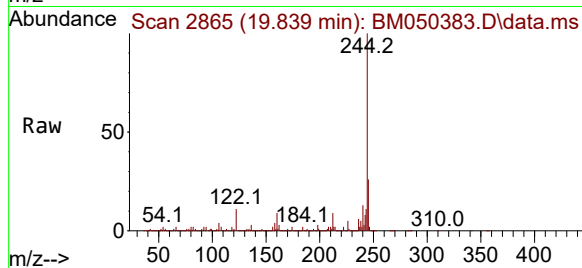




#79
Terphenyl-d14
Concen: 115.460 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

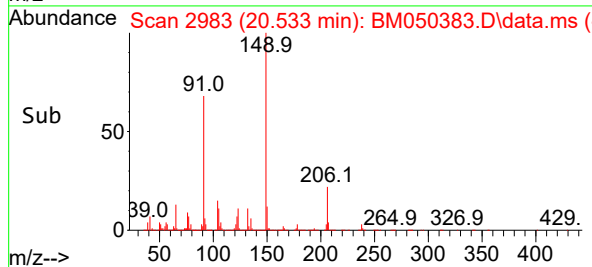
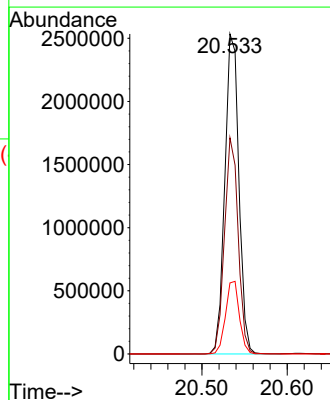
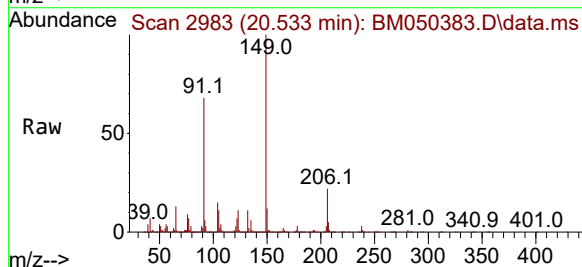
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

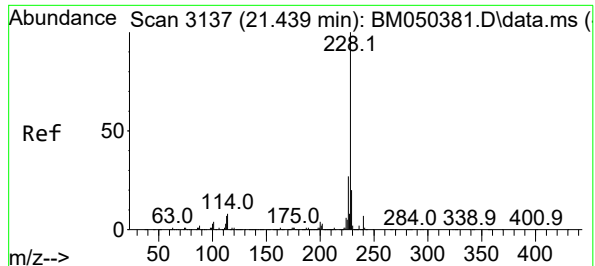
Tgt Ion:244 Resp:12914894
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 11.2 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 69.782 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 2900200
Ion Ratio Lower Upper
149 100
91 67.6 51.6 77.4
206 22.2 17.8 26.8

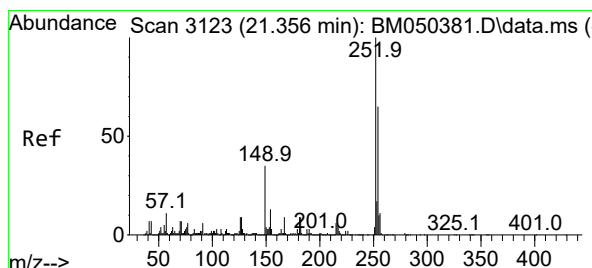
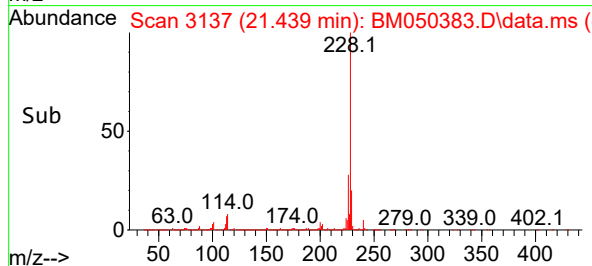
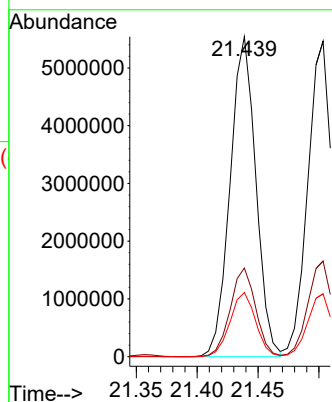
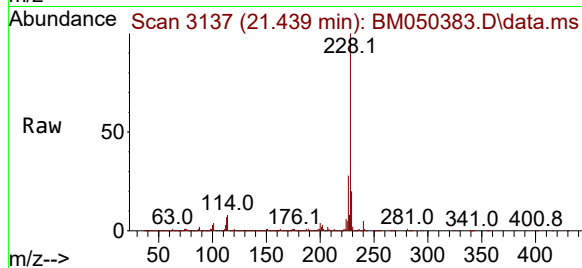




#81
Benzo(a)anthracene
Concen: 63.495 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

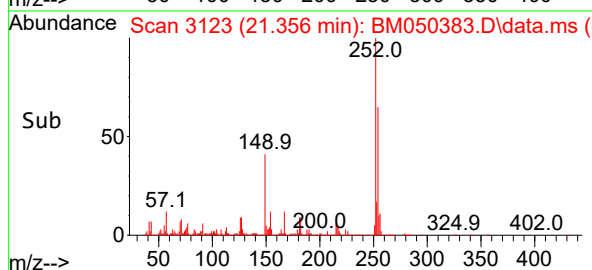
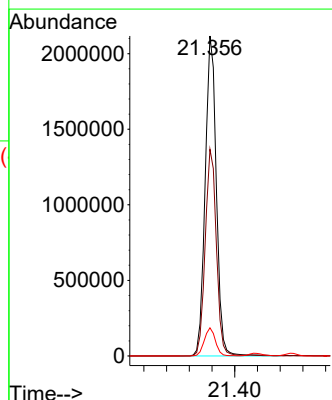
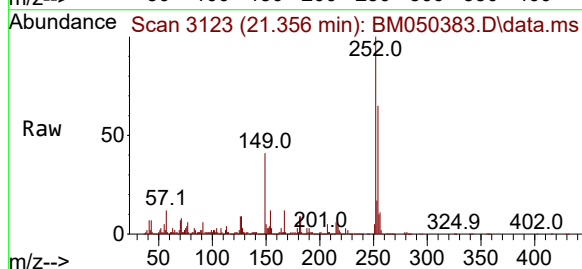
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

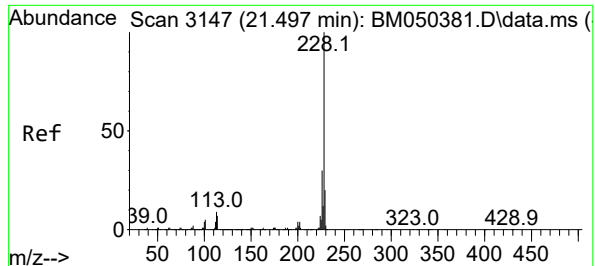
Tgt Ion:228 Resp: 8142088
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 66.553 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 2878037
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 8.8 7.3 10.9

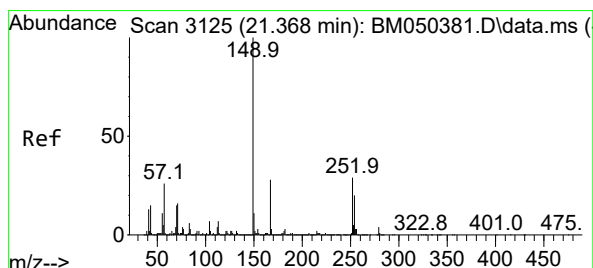
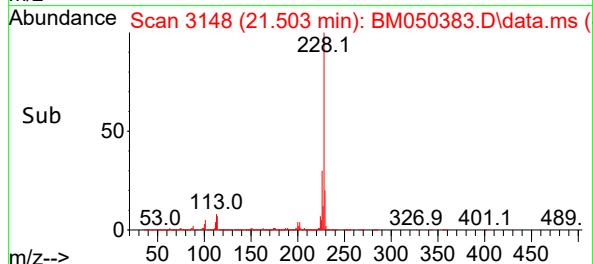
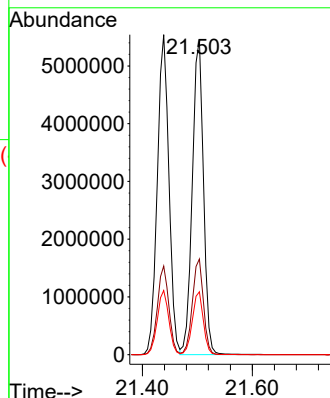
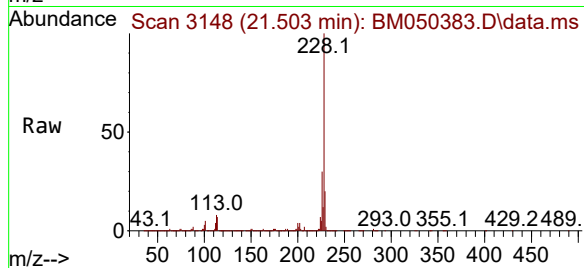




#83
Chrysene
Concen: 63.587 ng
RT: 21.503 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

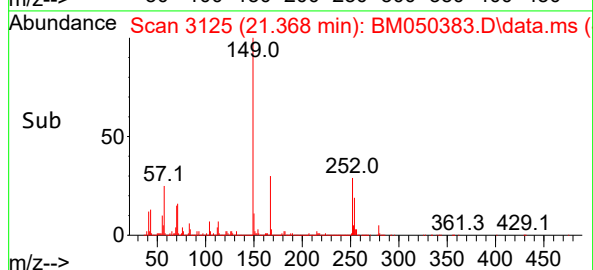
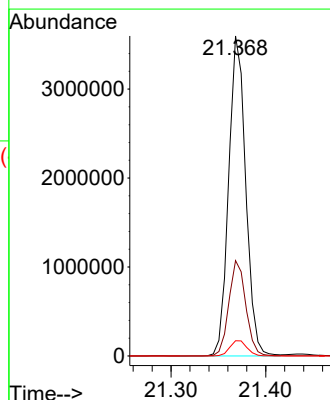
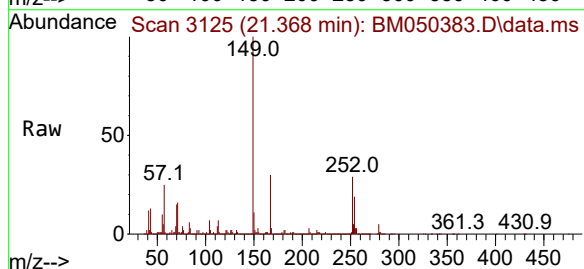
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

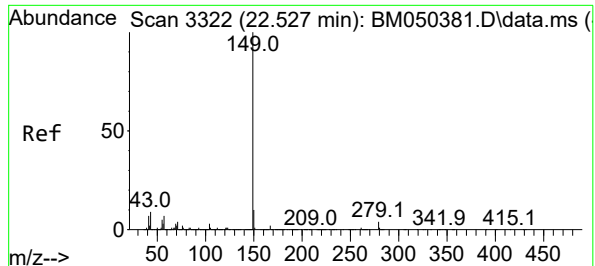
Tgt Ion:228 Resp: 7690956
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.268 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4504059
Ion Ratio Lower Upper
149 100
167 29.8 22.7 34.1
279 4.7 3.5 5.3

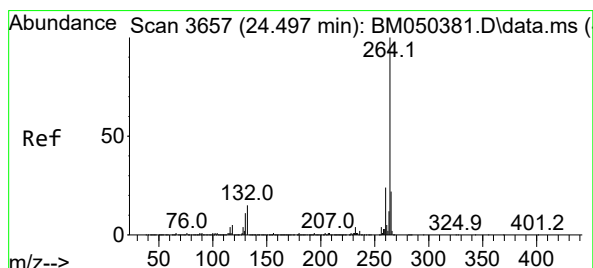
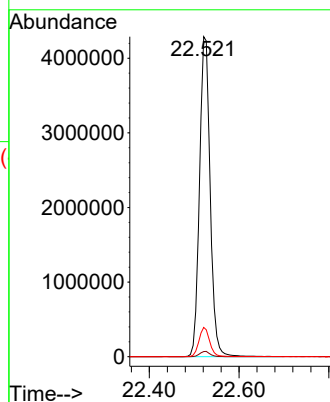
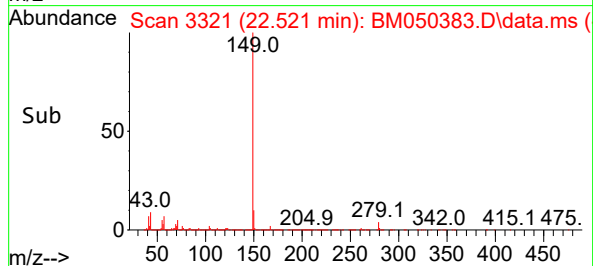
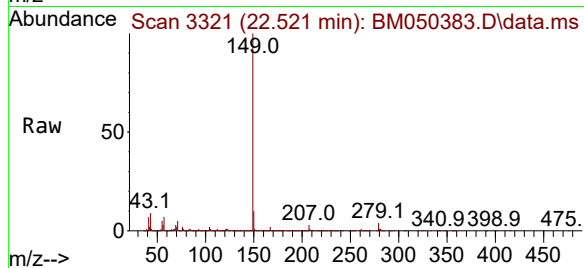




#85
Di-n-octyl phthalate
Concen: 68.206 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

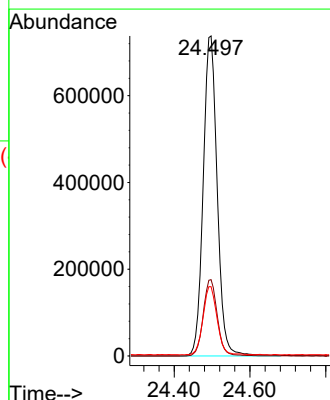
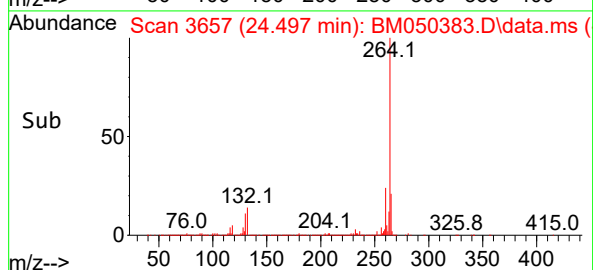
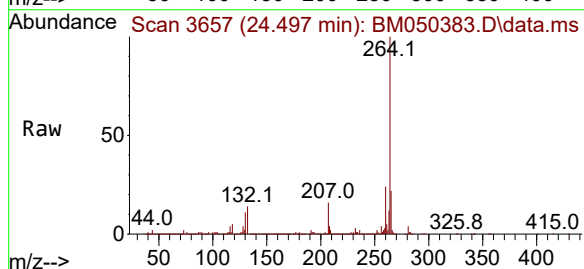
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

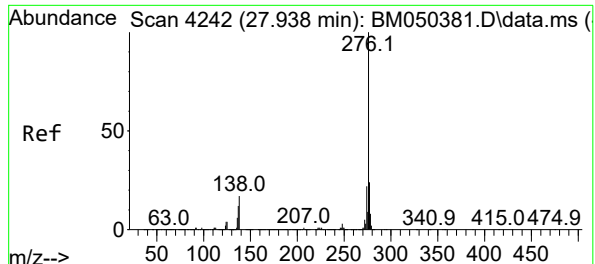
Tgt Ion:149 Resp: 7047940
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:264 Resp: 1889317
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.8 26.6

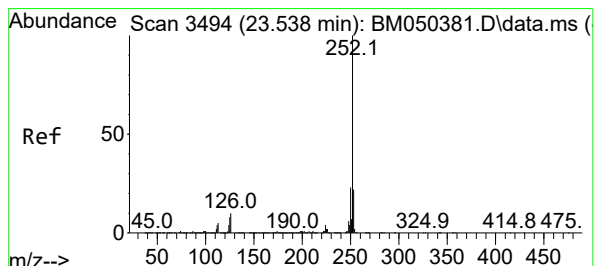
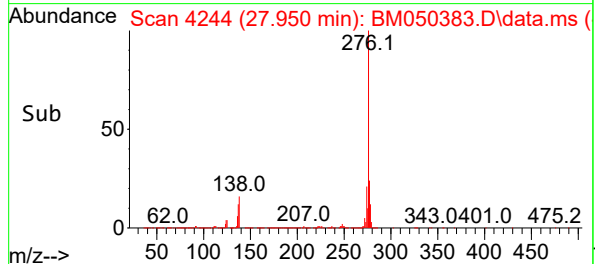
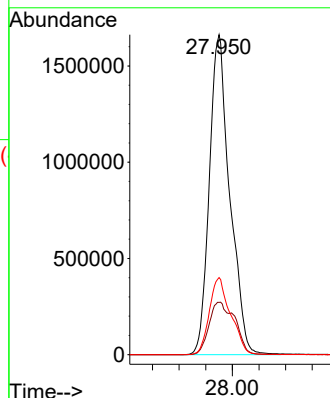
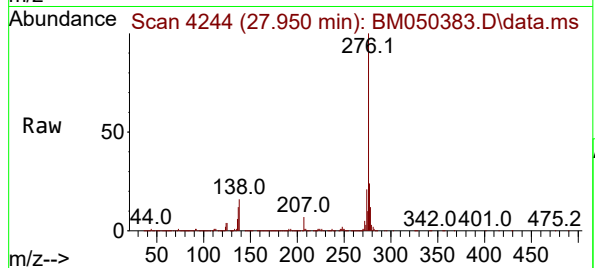




#87
Indeno(1,2,3-cd)pyrene
Concen: 66.007 ng
RT: 27.950 min Scan# 41
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

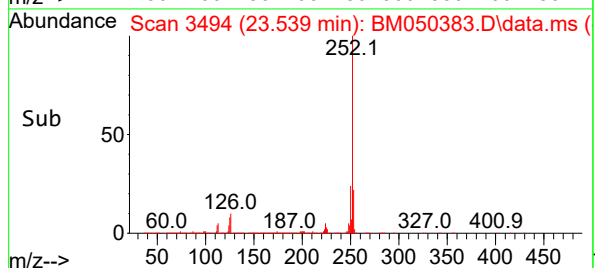
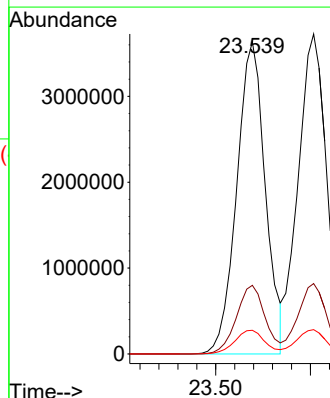
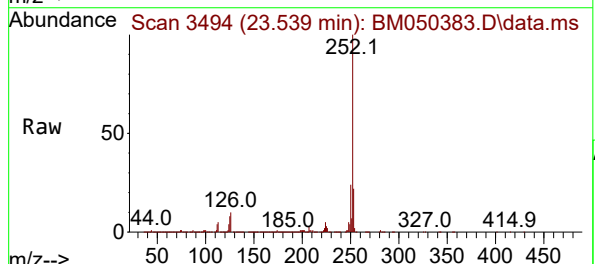
Instrument :
BNA_M
ClientSampleId :
SSTDICC060

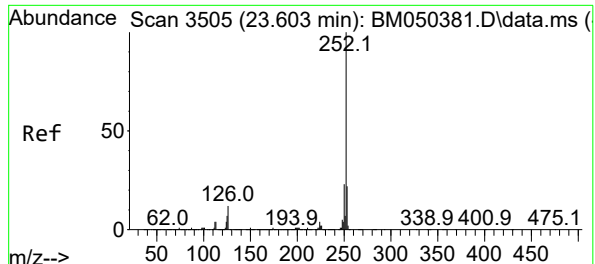
Tgt Ion:276 Resp: 8866549
Ion Ratio Lower Upper
276 100
138 20.9 17.0 25.6
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 65.548 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7617485
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.6 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 65.192 ng

RT: 23.603 min Scan# 3505

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

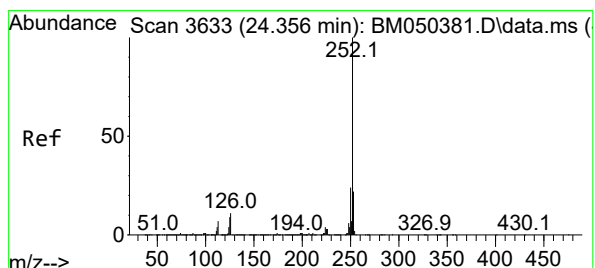
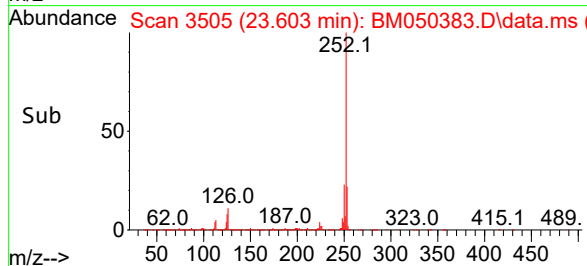
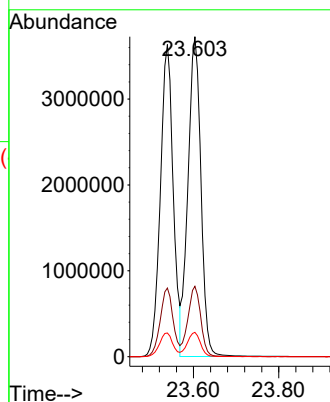
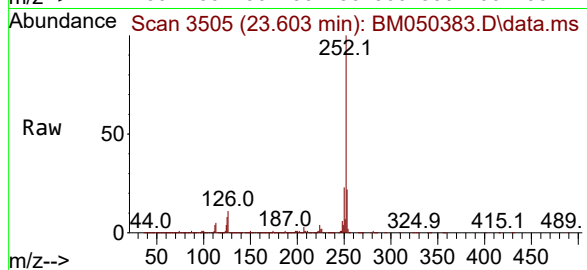
Tgt Ion:252 Resp: 7861158

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.6 6.2 9.2



#90

Benzo(a)pyrene

Concen: 66.744 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

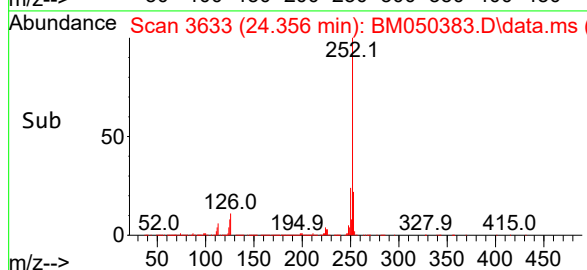
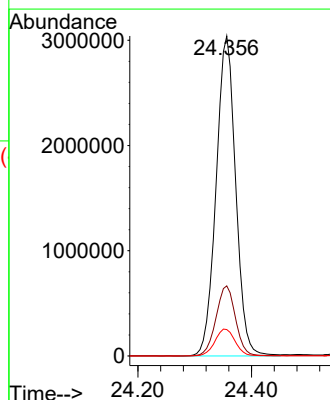
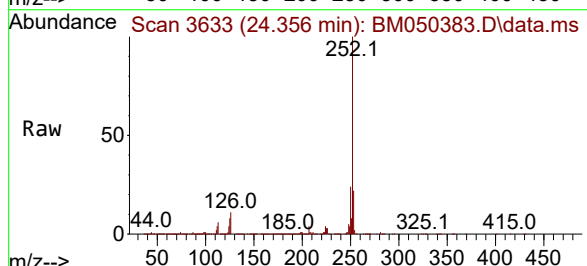
Tgt Ion:252 Resp: 7260855

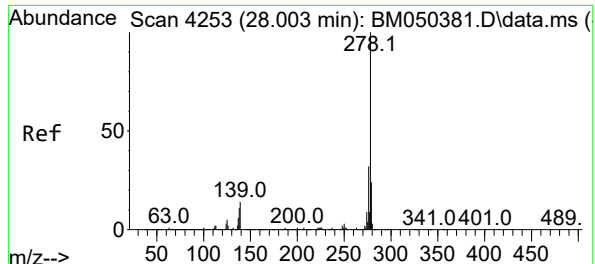
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.2 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 66.155 ng

RT: 28.009 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

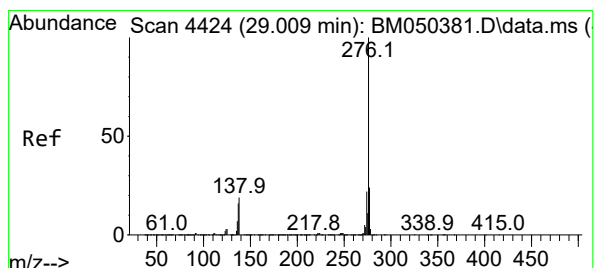
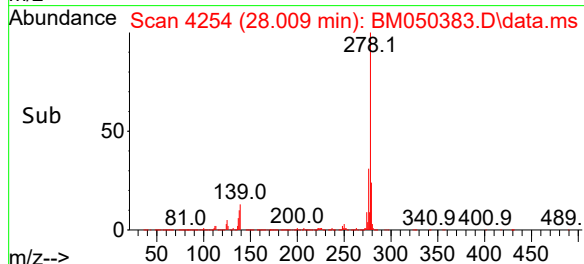
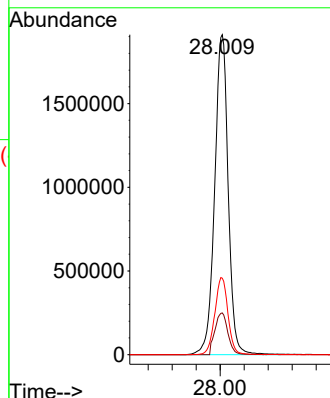
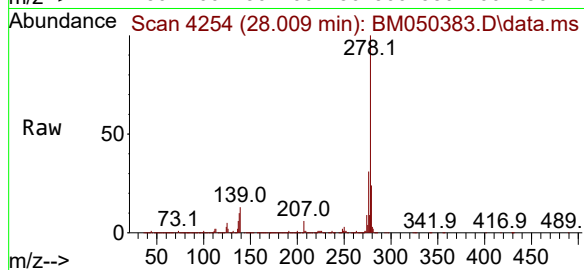
Tgt Ion:278 Resp: 7483970

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

279 23.9 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 65.319 ng

RT: 29.021 min Scan# 4426

Delta R.T. 0.012 min

Lab File: BM050383.D

Acq: 08 Jul 2025 16:41

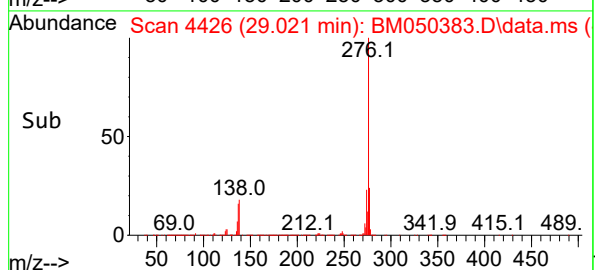
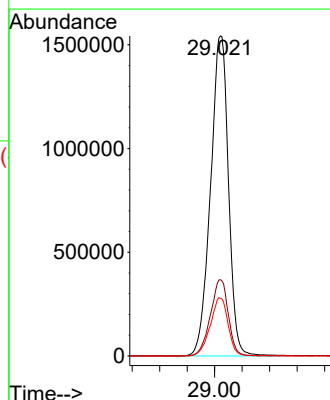
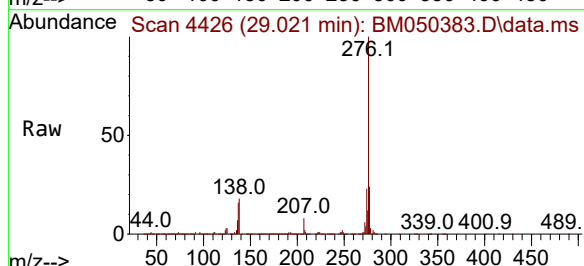
Tgt Ion:276 Resp: 6983867

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 18.1 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050384.D
 Acq On : 08 Jul 2025 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 08 18:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429681	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1643859	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1043719	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1944455	20.000	ng	0.00
76) Chrysene-d12	21.457	240	2055292	20.000	ng	0.00
86) Perylene-d12	24.498	264	1953481	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4014825	160.835	ng	0.00
7) Phenol-d6	7.028	99	5149049	163.630	ng	0.00
23) Nitrobenzene-d5	9.028	82	5264647	163.391	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	2335664	184.182	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	13148691	155.576	ng	0.00
79) Terphenyl-d14	19.839	244	14435460	123.577	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.334	88	785309	76.507	ng 99
3) Pyridine	3.734	79	2123609	78.804	ng 98
4) n-Nitrosodimethylamine	3.640	42	970223	77.228	ng 96
6) Aniline	7.193	93	3301305	81.748	ng 99
8) 2-Chlorophenol	7.428	128	2162654	82.163	ng 99
10) Phenol	7.052	94	2637766	80.368	ng 100
11) bis(2-Chloroethyl)ether	7.287	93	2092911	79.625	ng 99
12) 1,3-Dichlorobenzene	7.757	146	2517372	78.654	ng 98
13) 1,4-Dichlorobenzene	7.904	146	2555213	78.187	ng 99
14) 1,2-Dichlorobenzene	8.222	146	2454039	78.434	ng 99
15) Benzyl Alcohol	8.104	79	1807870	81.539	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	2991629	77.270	ng 99
17) 2-Methylphenol	8.304	107	1732716	81.397	ng 99
18) Hexachloroethane	8.951	117	932539	81.135	ng 99
19) n-Nitroso-di-n-propyla...	8.681	70	1587587	83.281	ng 95
20) 3+4-Methylphenols	8.634	107	2300155	80.491	ng 100
22) Acetophenone	8.687	105	3217324	78.279	ng 98
24) Nitrobenzene	9.063	77	2296616	79.875	ng 100
25) Isophorone	9.598	82	4289620	82.044	ng 100
26) 2-Nitrophenol	9.775	139	1095059	93.448	ng 97
27) 2,4-Dimethylphenol	9.834	122	2026460	81.267	ng 97
28) bis(2-Chloroethoxy)met...	10.075	93	2760921	79.691	ng 99
29) 2,4-Dichlorophenol	10.310	162	2134843	83.334	ng 98
30) 1,2,4-Trichlorobenzene	10.528	180	2483928	81.052	ng 99
31) Naphthalene	10.716	128	6520664	78.095	ng 100
32) Benzoic acid	9.993	122	1311597	81.001	ng 97
33) 4-Chloroaniline	10.816	127	2873151	81.395	ng 99
34) Hexachlorobutadiene	11.010	225	1546563	82.684	ng 100
35) Caprolactam	11.604	113	594080	84.949	ng 93
36) 4-Chloro-3-methylphenol	11.940	107	1983864	82.929	ng 100
37) 2-Methylnaphthalene	12.322	142	4254768	80.705	ng 99
38) 1-Methylnaphthalene	12.545	142	4475032	80.207	ng 99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2824950	85.112	ng 99
41) Hexachlorocyclopentadiene	12.681	237	1914528	90.239	ng 99
43) 2,4,6-Trichlorophenol	12.928	196	1782842	87.263	ng 99
44) 2,4,5-Trichlorophenol	12.998	196	1919360	86.021	ng 97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050384.D
 Acq On : 08 Jul 2025 17:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 08 18:24:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 17:58:12 2025
 Response via : Initial Calibration

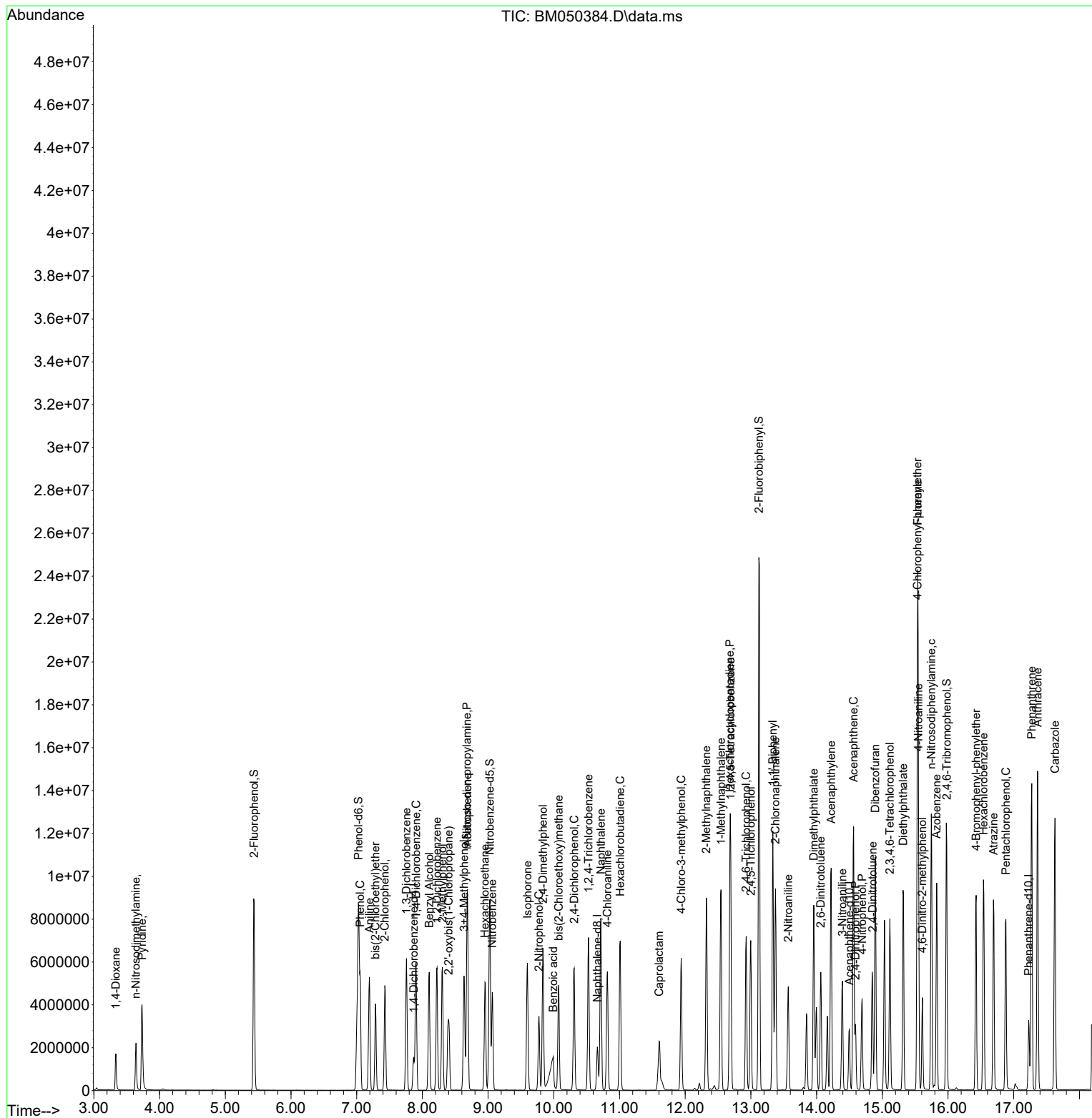
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.334	154	6141549	79.310	ng	100
47) 2-Chloronaphthalene	13.375	162	4889665	79.196	ng	99
48) 2-Nitroaniline	13.569	65	1233222	89.485	ng	96
49) Acenaphthylene	14.222	152	7559726	81.019	ng	100
50) Dimethylphthalate	13.957	163	5732691	79.779	ng	100
51) 2,6-Dinitrotoluene	14.063	165	1207179	87.496	ng	99
52) Acenaphthene	14.563	154	4833886	81.486	ng	99
53) 3-Nitroaniline	14.392	138	1297724	88.444	ng	99
54) 2,4-Dinitrophenol	14.592	184	626569	82.116	ng	86
55) Dibenzofuran	14.892	168	7143343	78.152	ng	99
56) 4-Nitrophenol	14.692	139	1075848	85.262	ng	93
57) 2,4-Dinitrotoluene	14.851	165	1674329	79.189	ng	94
58) Fluorene	15.539	166	6138107	81.530	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1636646	87.136	ng	97
60) Diethylphthalate	15.316	149	5511226	80.291	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	3298863	83.798	ng	98
62) 4-Nitroaniline	15.551	138	1336300	77.536	ng	97
63) Azobenzene	15.828	77	5026045	79.741	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	912781	82.140	ng	92
66) n-Nitrosodiphenylamine	15.745	169	5086187	83.592	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	1878071	87.664	ng	97
68) Hexachlorobenzene	16.539	284	2164238	85.534	ng	97
69) Atrazine	16.692	200	1767182	88.450	ng	99
70) Pentachlorophenol	16.880	266	1425059	90.473	ng	99
71) Phenanthrene	17.274	178	8893346	80.828	ng	99
72) Anthracene	17.363	178	9167986	83.709	ng	99
73) Carbazole	17.627	167	8180242	82.547	ng	99
74) Di-n-butylphthalate	18.198	149	9300935	85.749	ng	99
75) Fluoranthene	19.280	202	10317307	86.256	ng	99
77) Benzidine	19.457	184	3817410	72.819	ng	100
78) Pyrene	19.639	202	10818153	82.185	ng	99
80) Butylbenzylphthalate	20.539	149	3938114	90.734	ng	97
81) Benzo(a)anthracene	21.439	228	11055858	82.558	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	3825108	84.699	ng	99
83) Chrysene	21.504	228	10270454	81.310	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	6100517	88.540	ng	# 96
85) Di-n-octyl phthalate	22.527	149	9722259	90.093	ng	99
87) Indeno(1,2,3-cd)pyrene	27.956	276	12120915	87.270	ng	99
88) Benzo(b)fluoranthene	23.545	252	10371642	86.316	ng	99
89) Benzo(k)fluoranthene	23.609	252	10546917	84.592	ng	100
90) Benzo(a)pyrene	24.362	252	9879526	87.833	ng	100
91) Dibenzo(a,h)anthracene	28.015	278	10165335	86.905	ng	99
92) Benzo(g,h,i)perylene	29.027	276	9504954	85.979	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

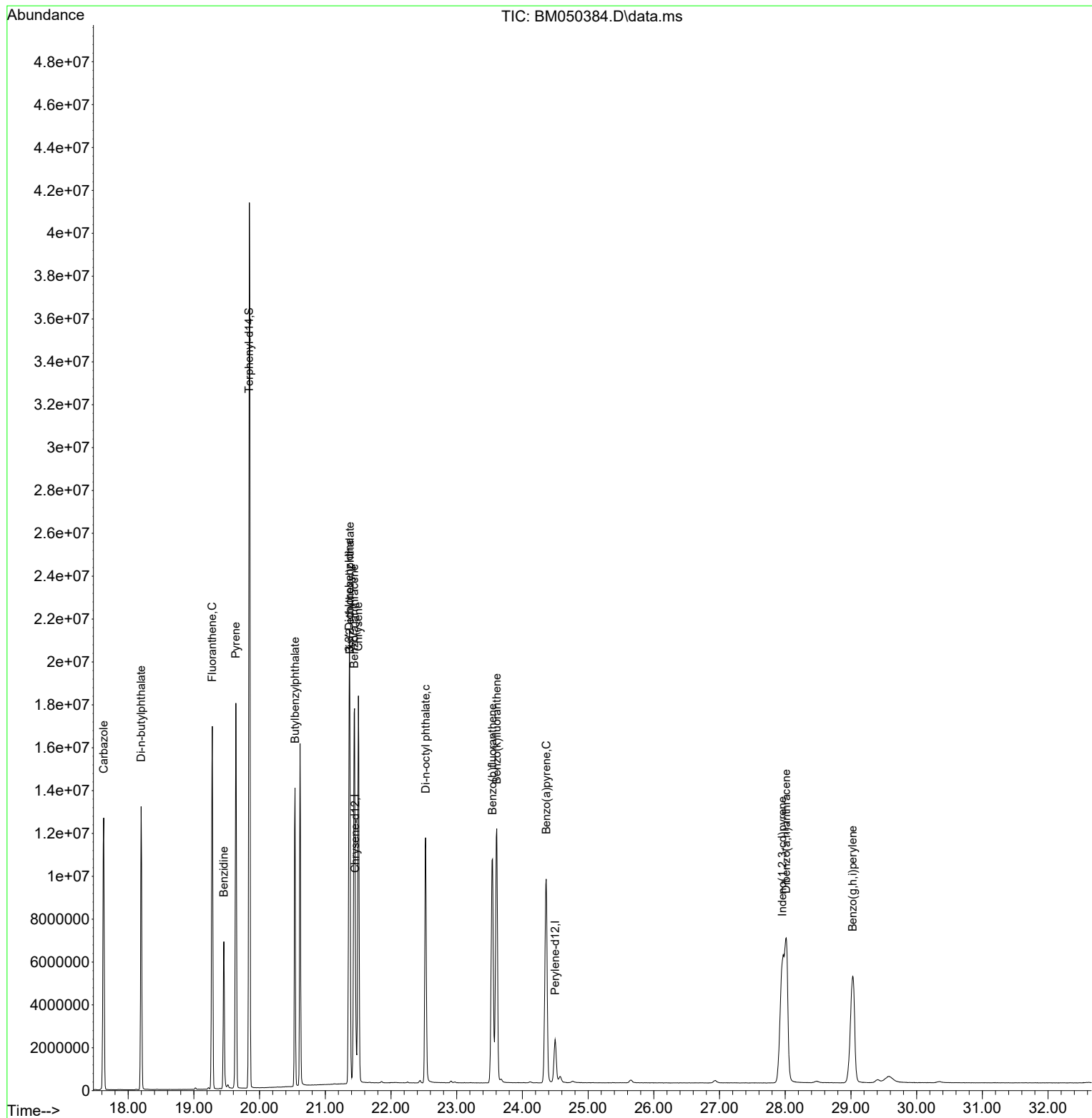
Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

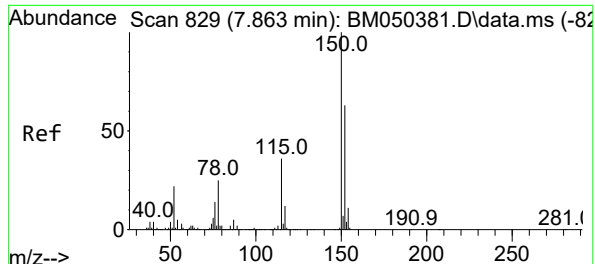


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
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BNA_M
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Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
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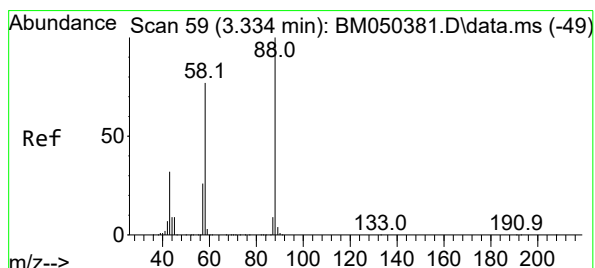
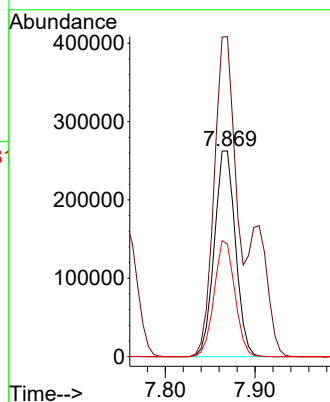
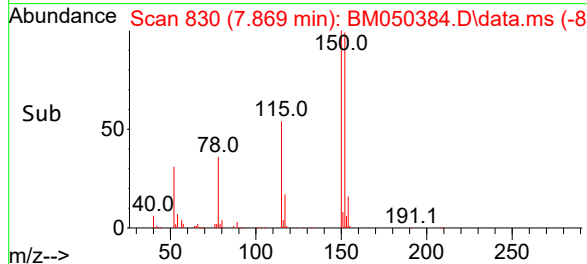
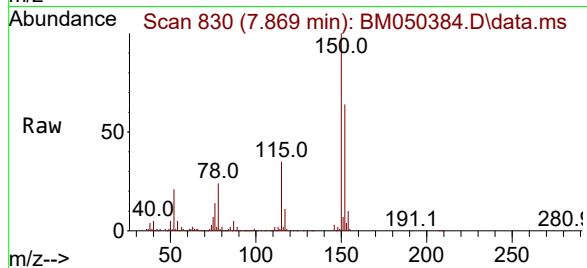




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

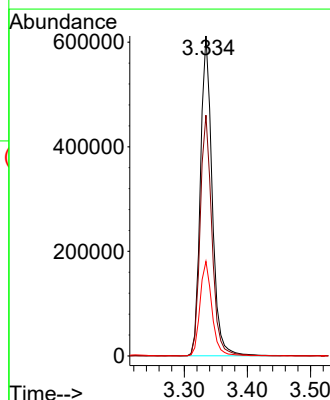
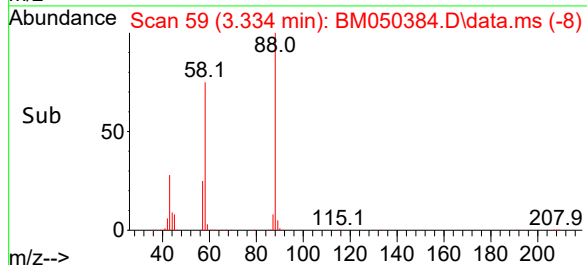
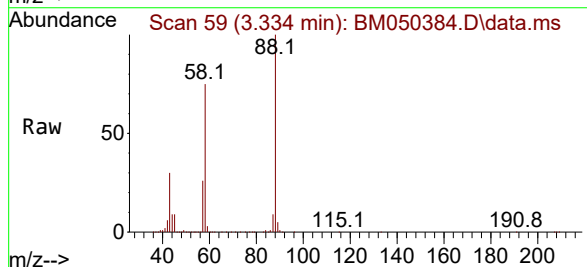
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

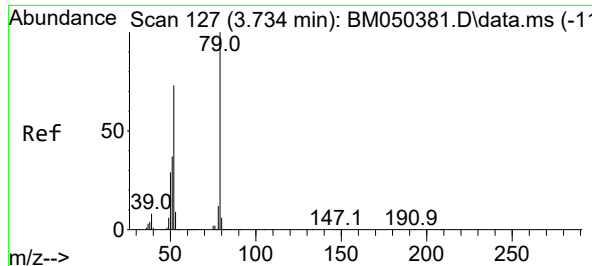
Tgt Ion:152 Resp: 429681
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 54.7 45.8 68.8



#2
1,4-Dioxane
Concen: 76.507 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 88 Resp: 785309
Ion Ratio Lower Upper
88 100
58 75.7 61.0 91.6
43 30.0 24.6 37.0

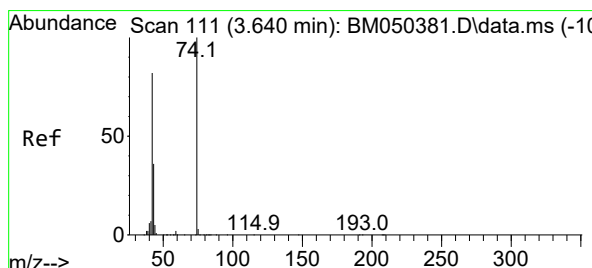
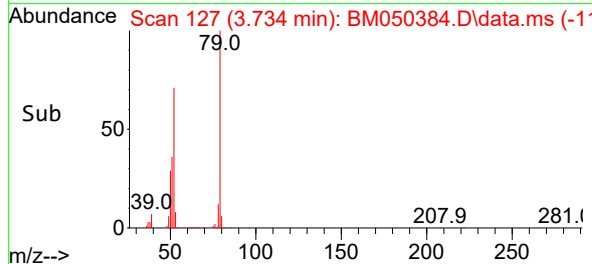
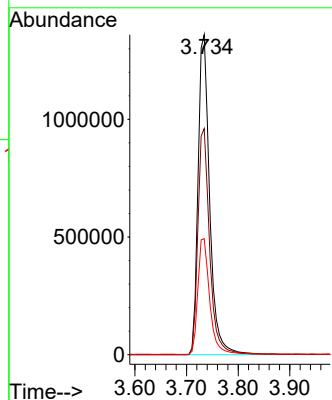
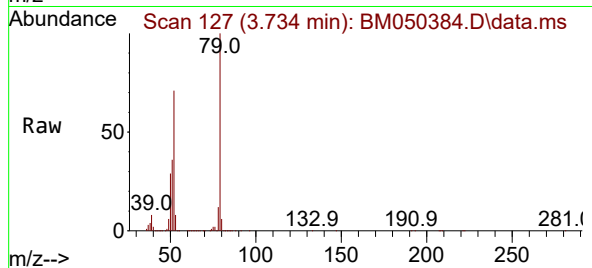




#3
Pyridine
Concen: 78.804 ng
RT: 3.734 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

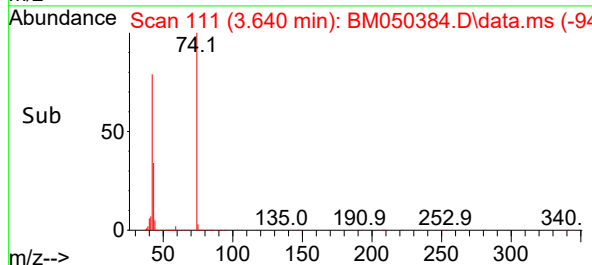
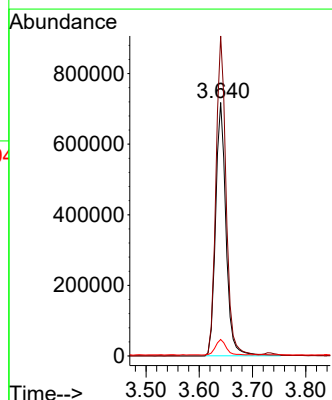
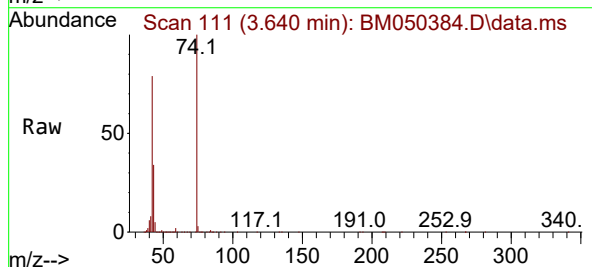
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

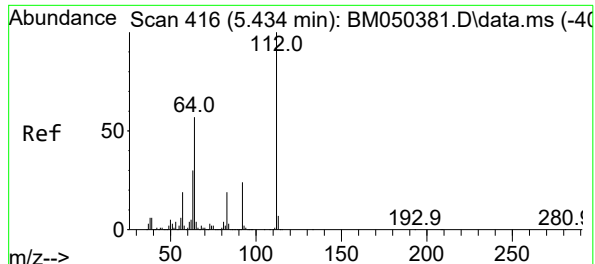
Tgt Ion: 79 Resp: 2123609
Ion Ratio Lower Upper
79 100
52 70.7 58.3 87.5
51 36.2 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 77.228 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 42 Resp: 970223
Ion Ratio Lower Upper
42 100
74 126.3 97.5 146.3
44 6.5 5.7 8.5





#5

2-Fluorophenol

Concen: 160.835 ng

RT: 5.440 min Scan# 416

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

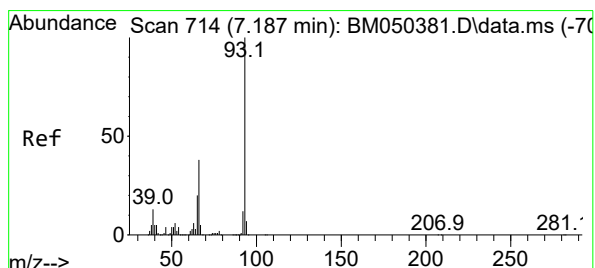
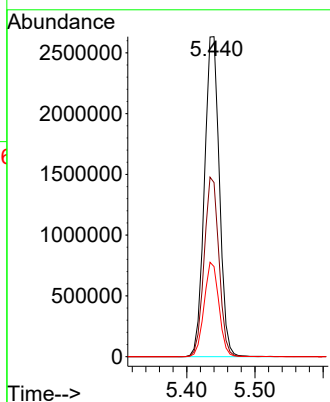
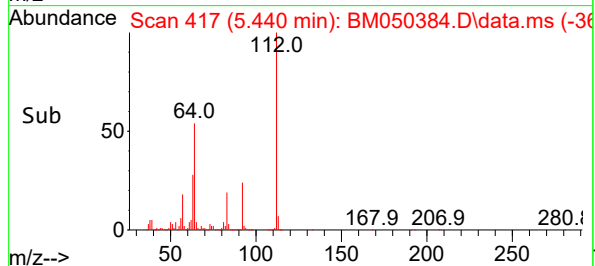
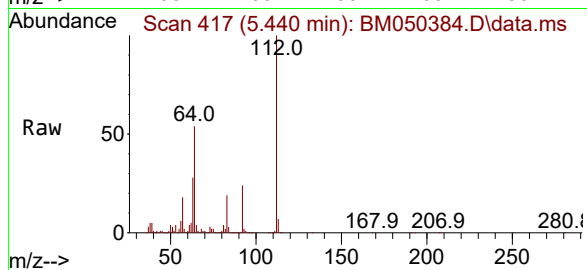
Tgt Ion:112 Resp: 4014825

Ion Ratio Lower Upper

112 100

64 54.4 45.5 68.3

63 28.1 24.2 36.4



#6

Aniline

Concen: 81.748 ng

RT: 7.193 min Scan# 715

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

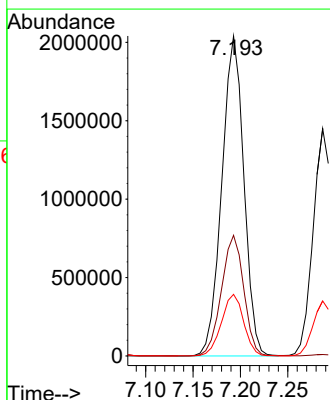
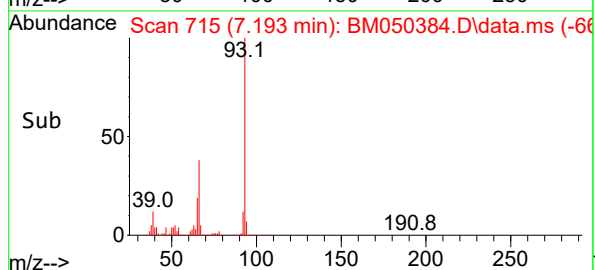
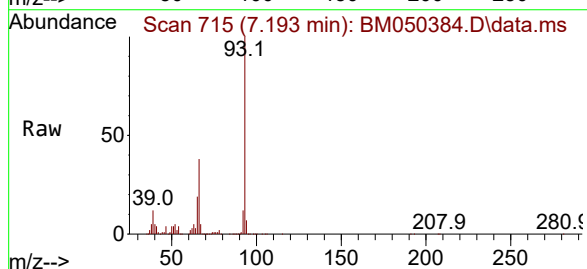
Tgt Ion: 93 Resp: 3301305

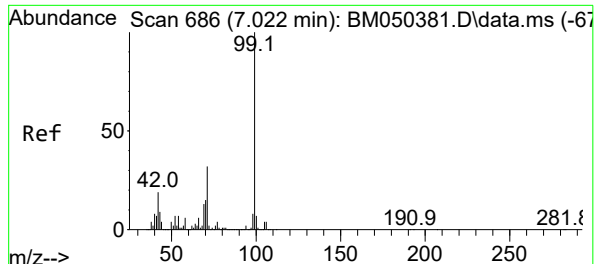
Ion Ratio Lower Upper

93 100

66 37.7 30.5 45.7

65 19.2 15.9 23.9

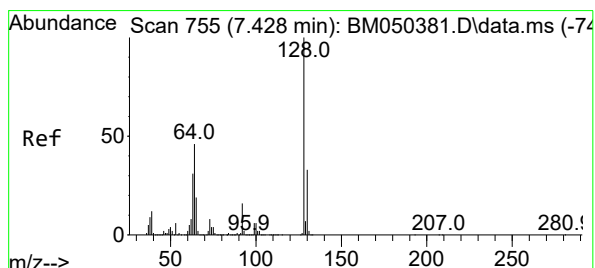
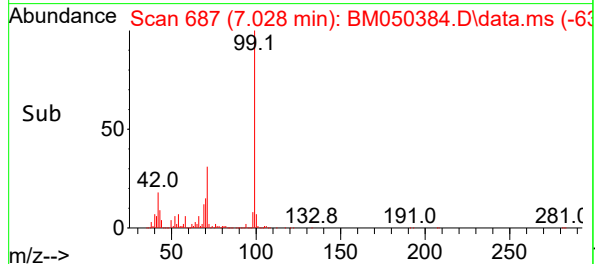
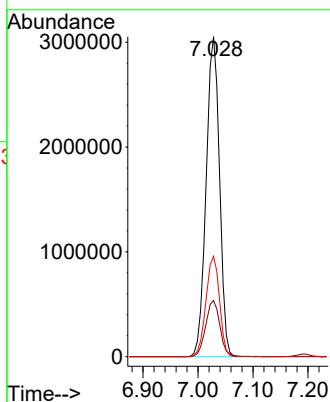
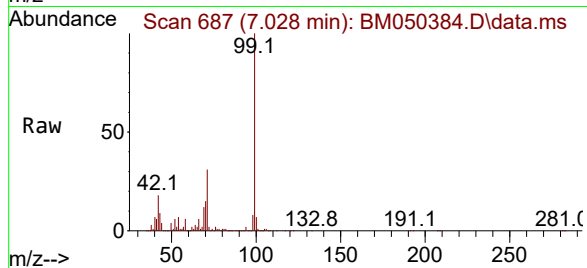




#7
Phenol-d6
Concen: 163.630 ng
RT: 7.028 min Scan# 687
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

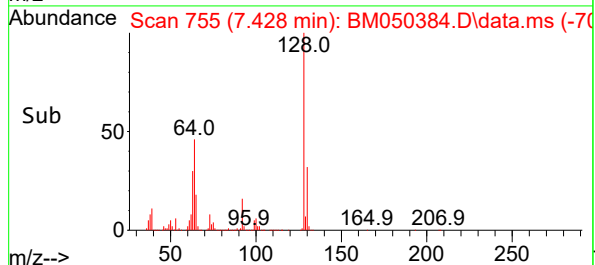
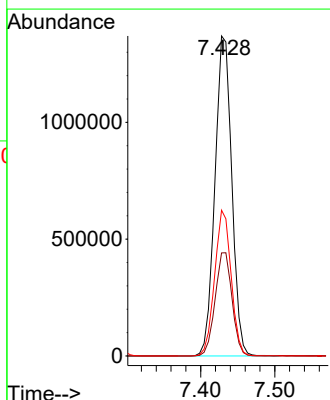
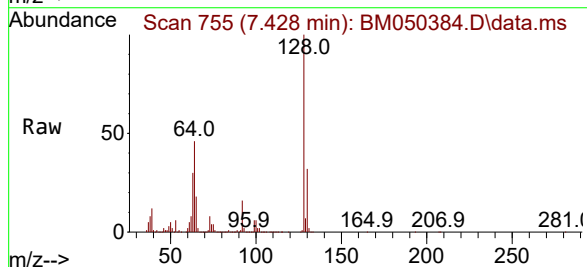
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

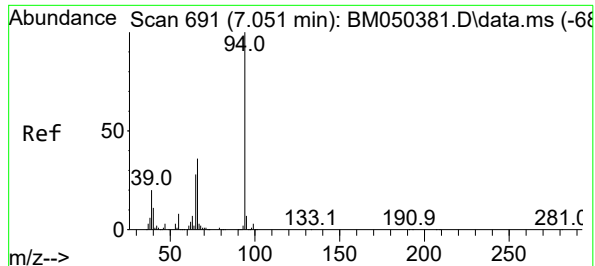
Tgt Ion: 99 Resp: 5149049
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.6
71 31.4 25.9 38.9



#8
2-Chlorophenol
Concen: 82.163 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 128 Resp: 2162654
Ion Ratio Lower Upper
128 100
130 32.2 13.3 53.3
64 45.6 25.6 65.6





#10

Phenol

Concen: 80.368 ng

RT: 7.052 min Scan# 691

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

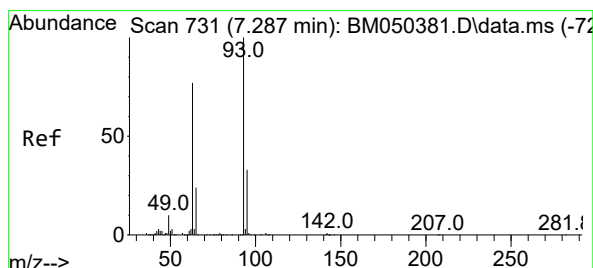
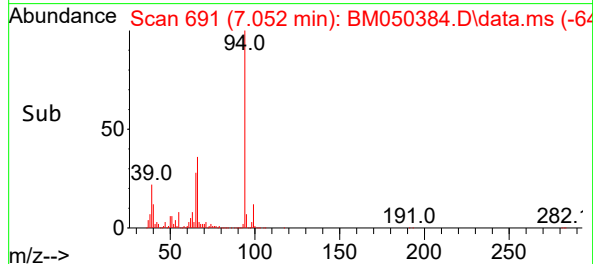
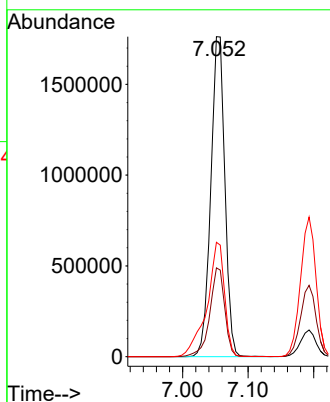
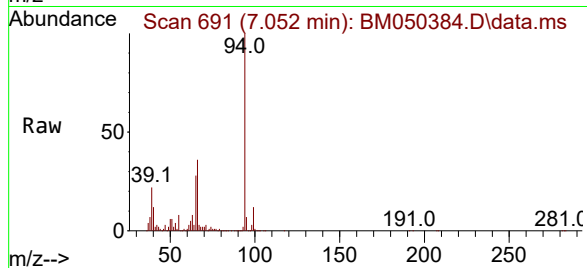
BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion: 94 Resp: 2637766

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.7	15.8	55.8



#11

bis(2-Chloroethyl)ether

Concen: 79.625 ng

RT: 7.287 min Scan# 731

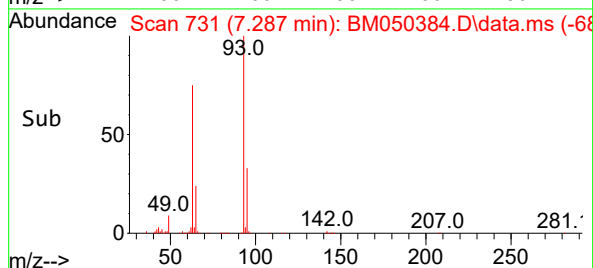
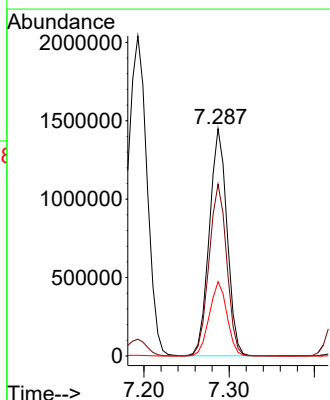
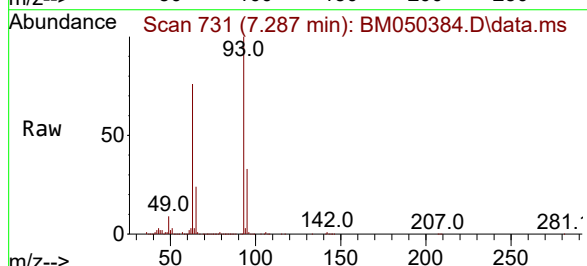
Delta R.T. 0.000 min

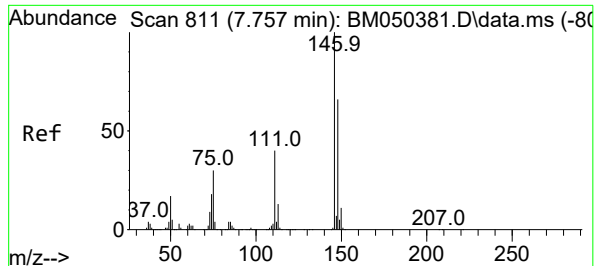
Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 2092911

Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.9	96.9
95	32.6	12.6	52.6





#12

1,3-Dichlorobenzene

Concen: 78.654 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

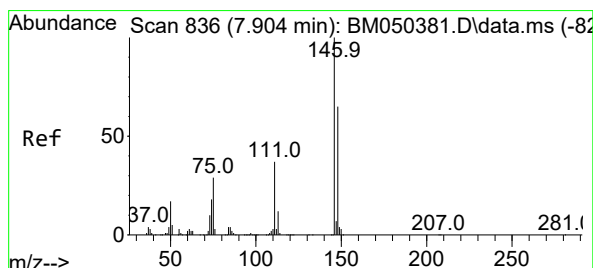
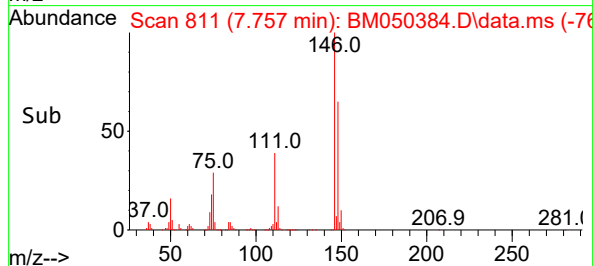
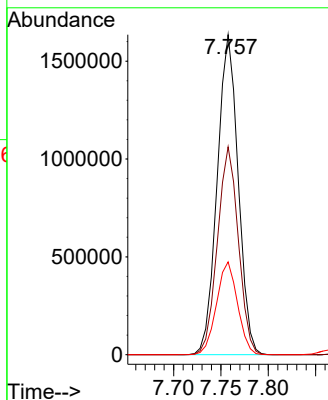
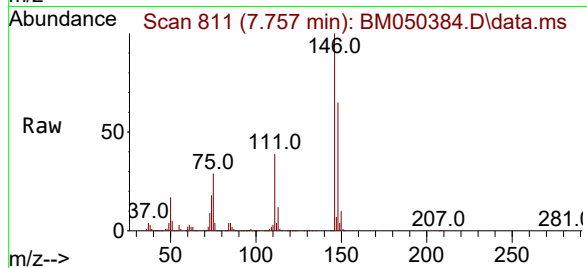
Tgt Ion:146 Resp: 2517372

Ion Ratio Lower Upper

146 100

148 65.0 53.2 79.8

75 29.0 23.9 35.9



#13

1,4-Dichlorobenzene

Concen: 78.187 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

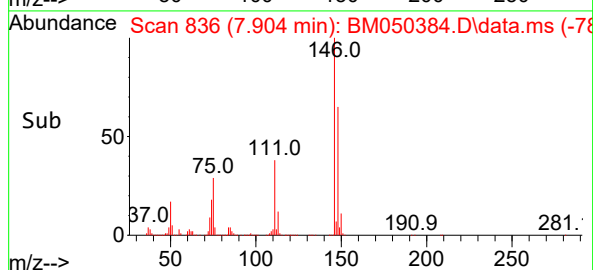
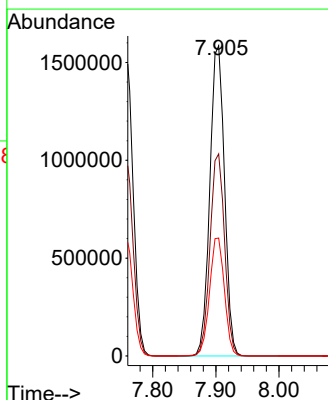
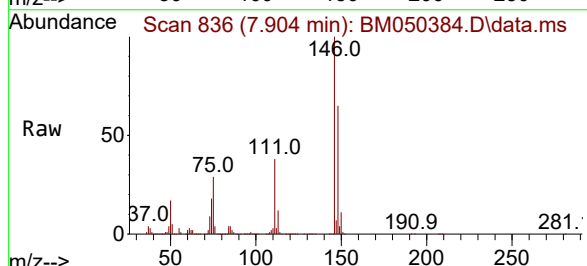
Tgt Ion:146 Resp: 2555213

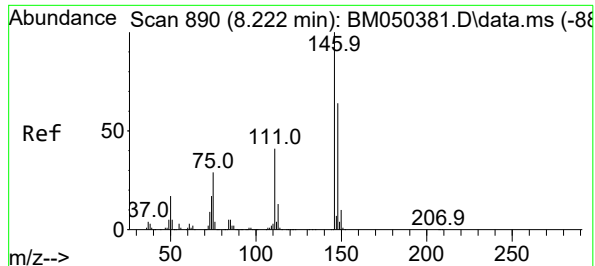
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

111 38.0 30.0 45.0





#14

1,2-Dichlorobenzene

Concen: 78.434 ng

RT: 8.222 min Scan# 890

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

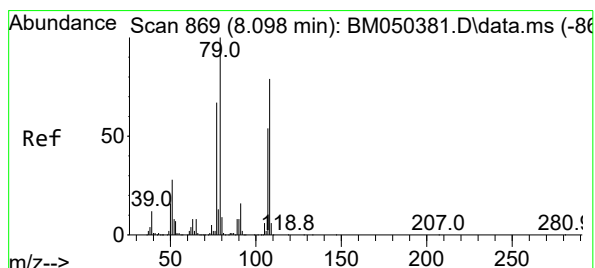
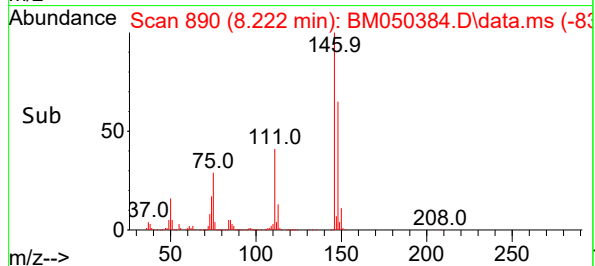
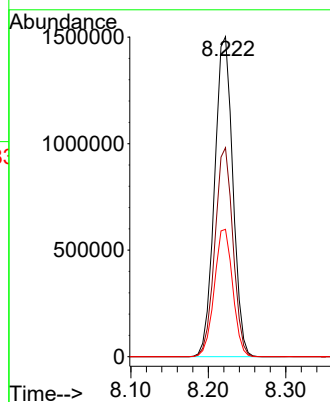
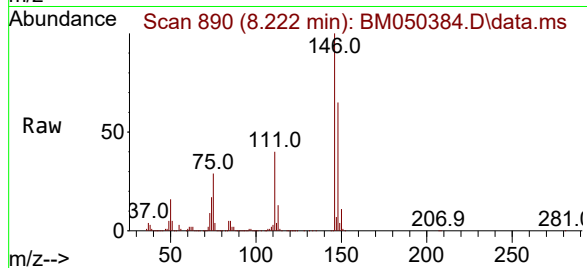
Tgt Ion:146 Resp: 2454039

Ion Ratio Lower Upper

146 100

148 65.3 51.5 77.3

111 39.8 32.6 49.0



#15

Benzyl Alcohol

Concen: 81.539 ng

RT: 8.104 min Scan# 870

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

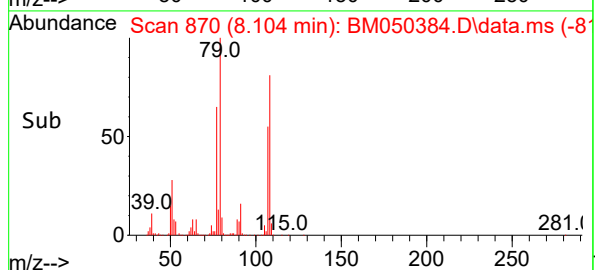
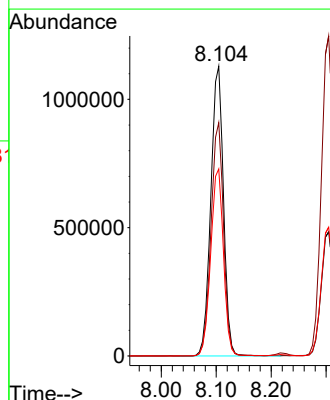
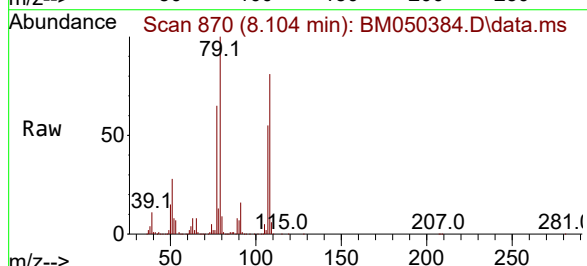
Tgt Ion: 79 Resp: 1807870

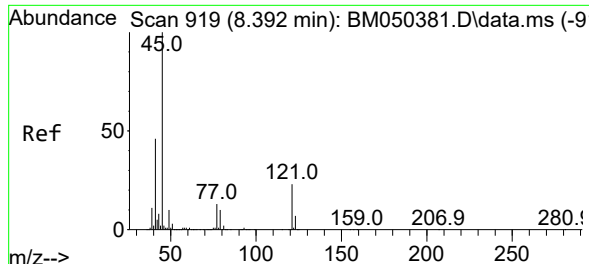
Ion Ratio Lower Upper

79 100

108 80.5 63.0 94.4

77 64.5 53.4 80.0

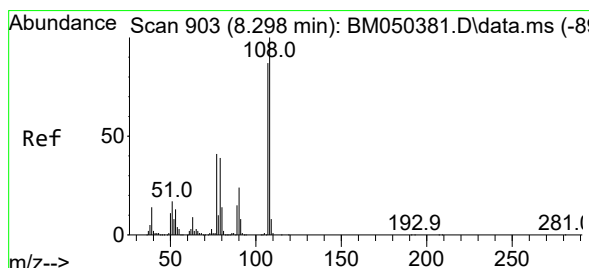
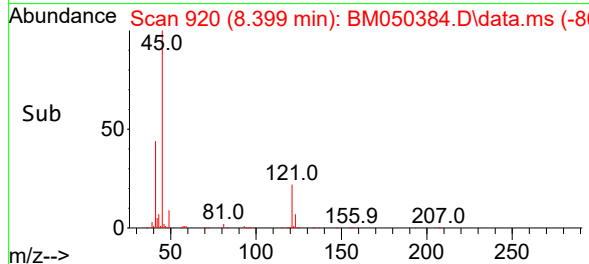
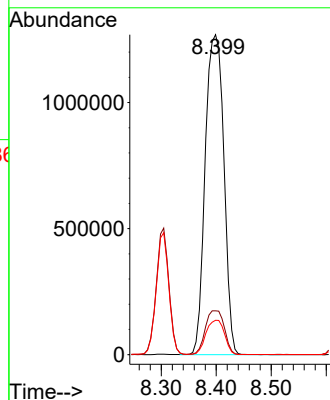
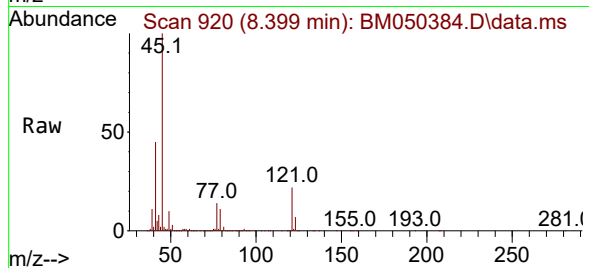




#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.270 ng
RT: 8.399 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

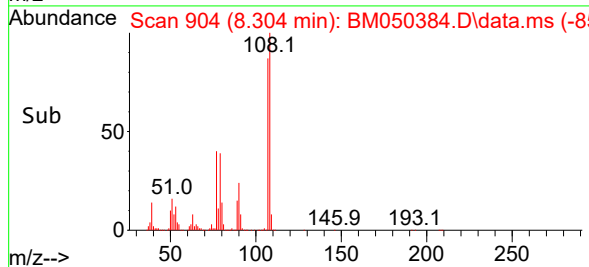
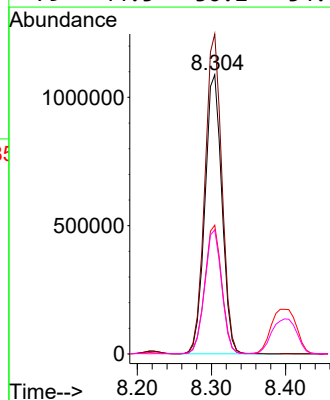
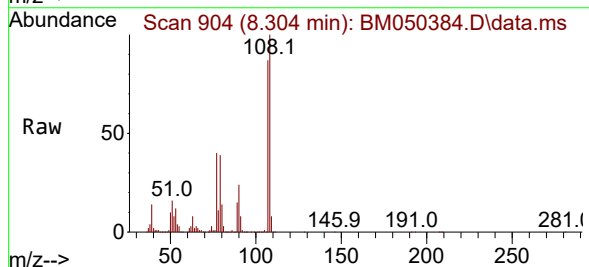
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

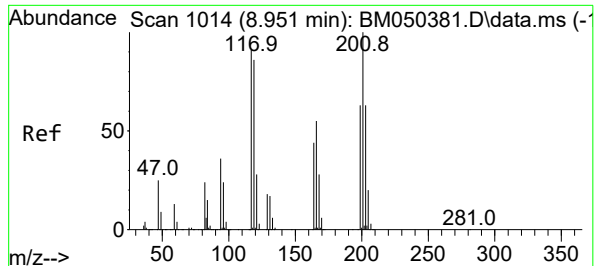
Tgt Ion: 45 Resp: 2991629
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.5
79 10.8 0.0 30.3



#17
2-Methylphenol
Concen: 81.397 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 107 Resp: 1732716
Ion Ratio Lower Upper
107 100
108 114.6 92.1 138.1
77 46.1 38.2 57.4
79 44.5 36.2 54.4





#18

Hexachloroethane

Concen: 81.135 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

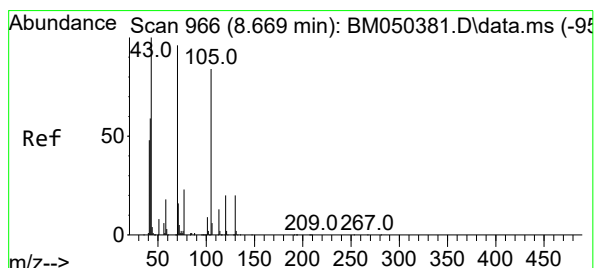
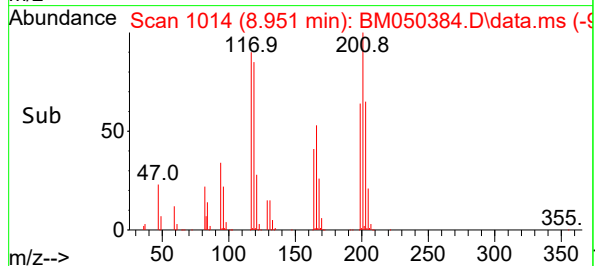
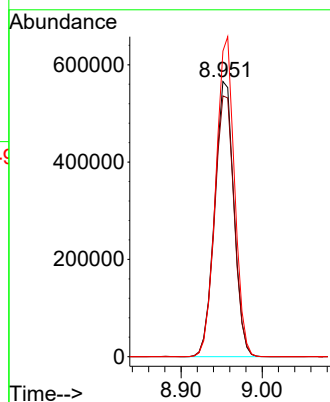
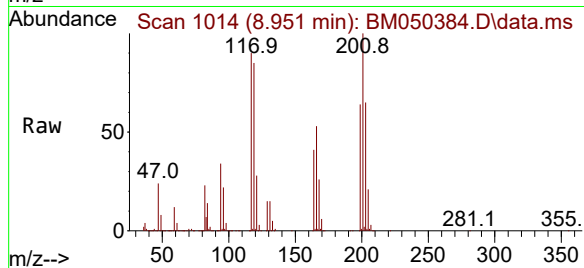
Tgt Ion:117 Resp: 932539

Ion Ratio Lower Upper

117 100

119 94.8 75.6 113.4

201 111.1 87.9 131.9



#19

n-Nitroso-di-n-propylamine

Concen: 83.281 ng

RT: 8.681 min Scan# 968

Delta R.T. 0.012 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Tgt Ion: 70 Resp: 1587587

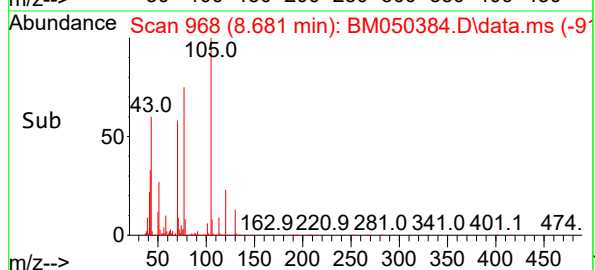
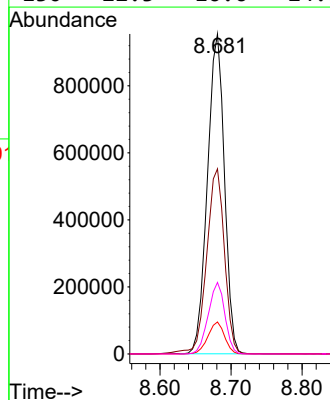
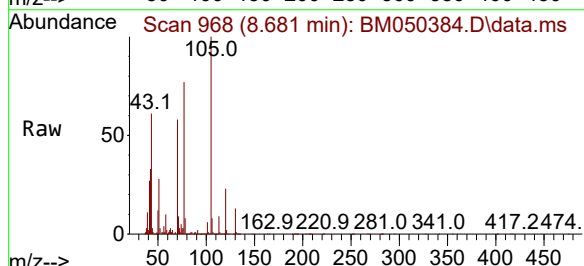
Ion Ratio Lower Upper

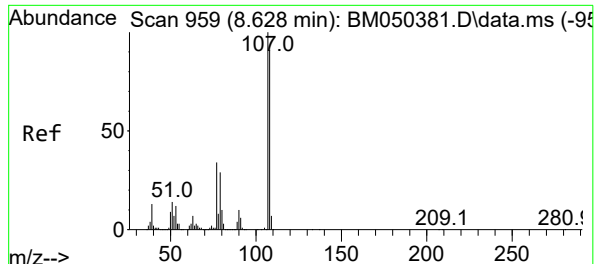
70 100

42 57.9 49.7 74.5

101 10.0 7.7 11.5

130 22.3 16.6 24.8





#20

3+4-Methylphenols

Concen: 80.491 ng

RT: 8.634 min Scan# 9

Delta R.T. 0.006 min

Lab File: BM050384.D

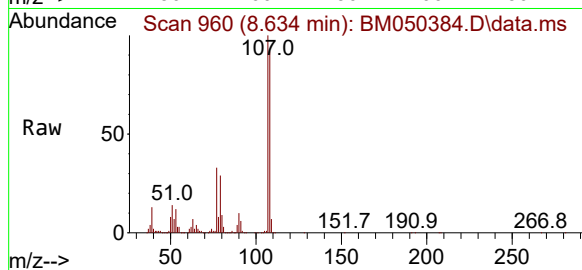
Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

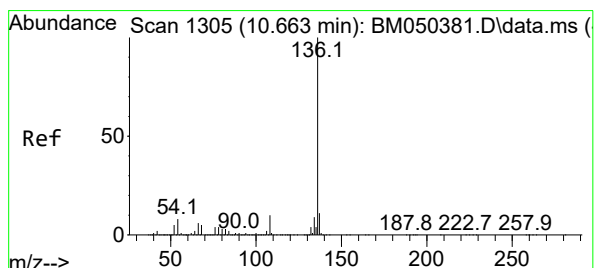
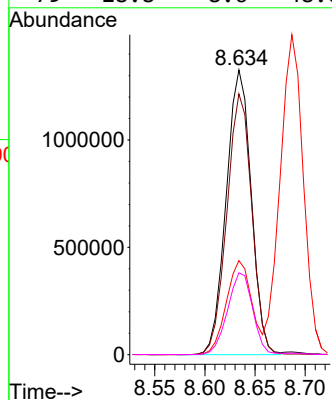
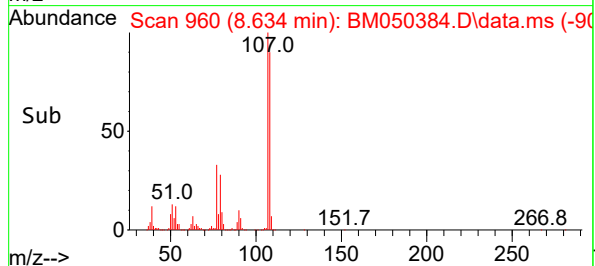
ClientSampleId :

SSTDICC080



Tgt Ion:107 Resp: 2300155

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.0	13.7	53.7
79	28.8	8.6	48.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.663 min Scan# 1305

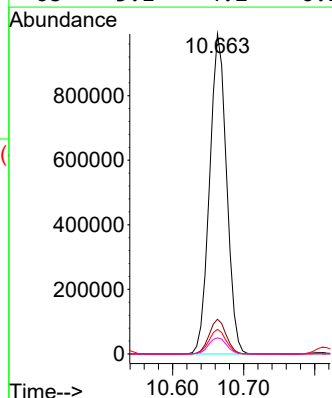
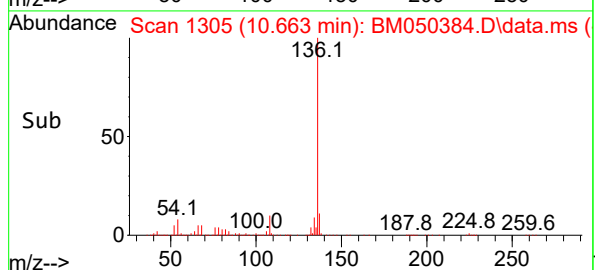
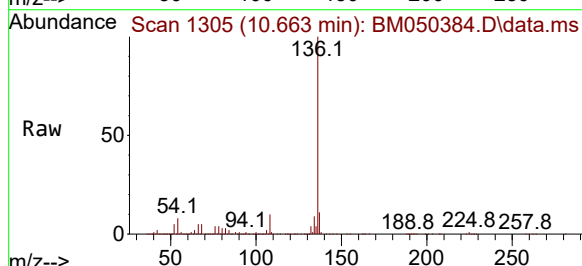
Delta R.T. 0.000 min

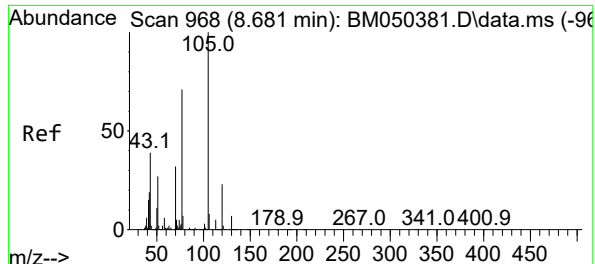
Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Tgt Ion:136 Resp: 1643859

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	5.1	4.2	6.2





#22

Acetophenone

Concen: 78.279 ng

RT: 8.687 min Scan# 968

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:105 Resp: 3217324

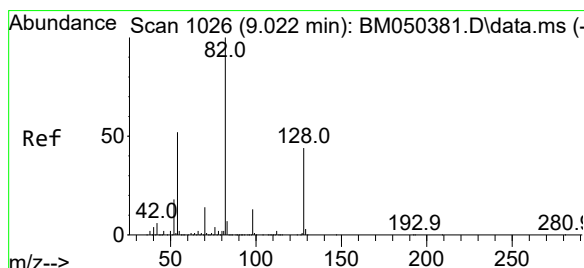
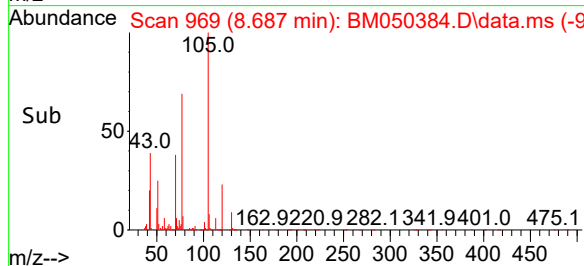
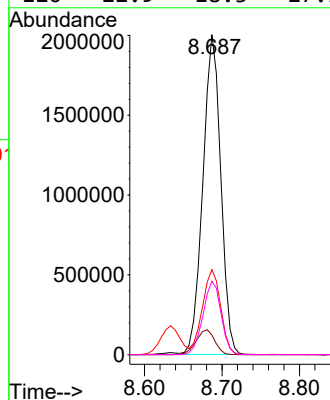
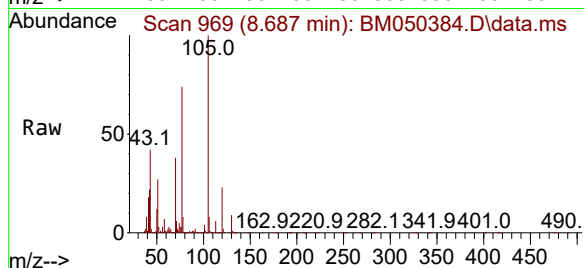
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 26.6 23.0 34.6

120 22.9 18.3 27.5



#23

Nitrobenzene-d5

Concen: 163.391 ng

RT: 9.028 min Scan# 1027

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

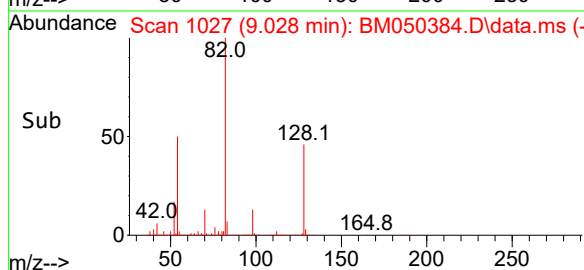
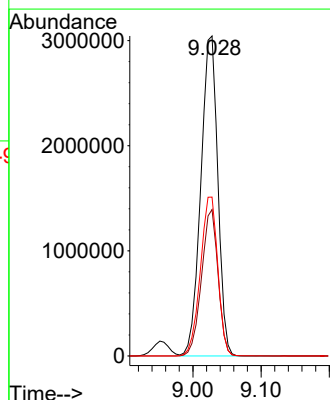
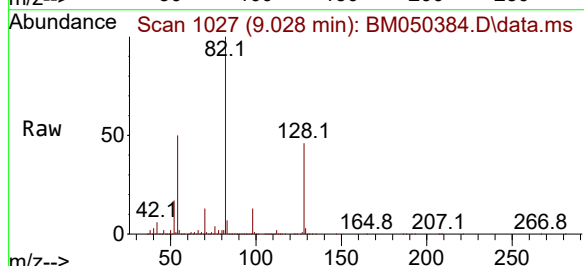
Tgt Ion: 82 Resp: 5264647

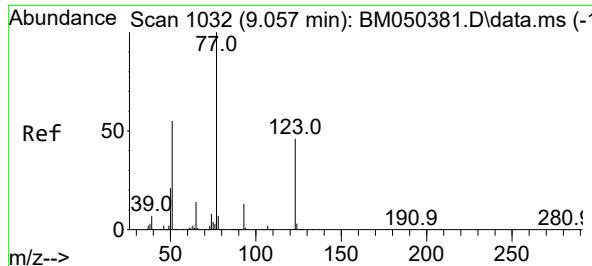
Ion Ratio Lower Upper

82 100

128 45.7 35.2 52.8

54 49.7 41.5 62.3

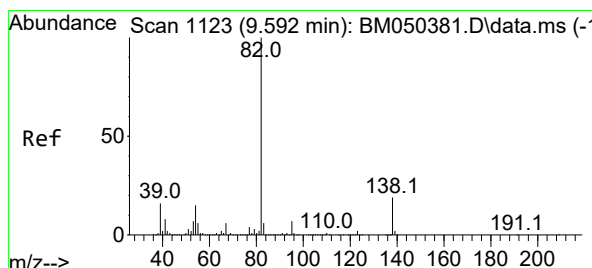
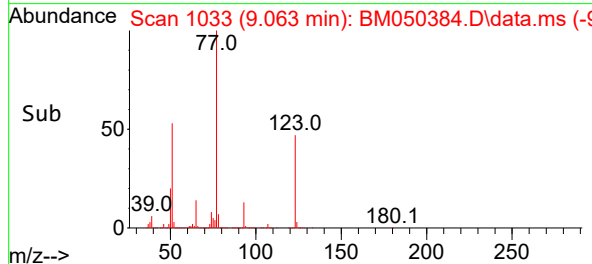
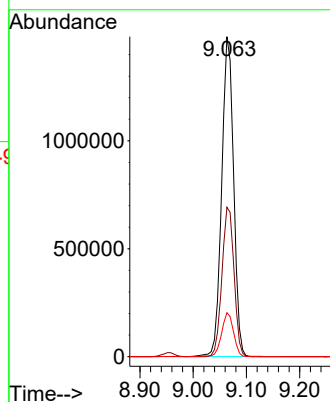
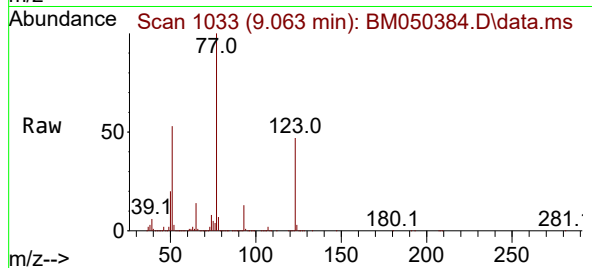




#24
Nitrobenzene
Concen: 79.875 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

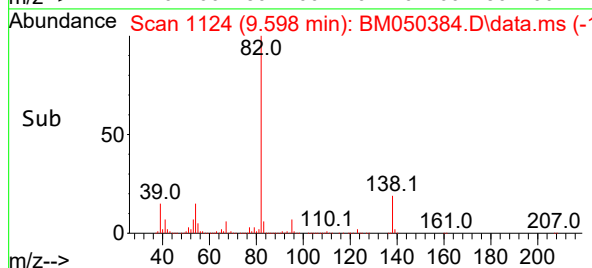
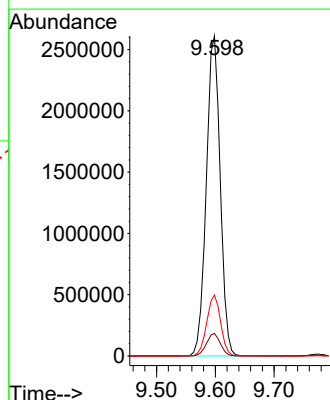
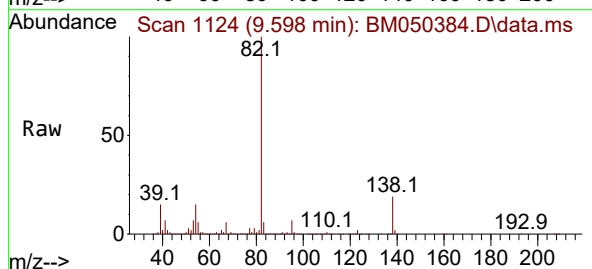
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

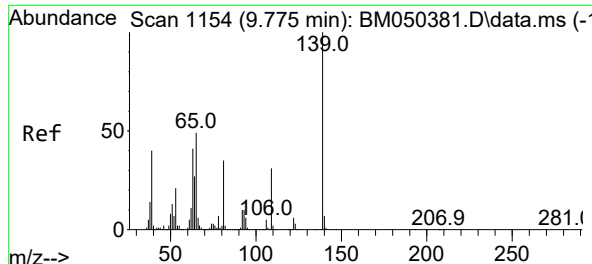
Tgt Ion: 77 Resp: 2296616
Ion Ratio Lower Upper
77 100
123 46.7 37.0 55.6
65 13.8 11.0 16.4



#25
Isophorone
Concen: 82.044 ng
RT: 9.598 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 4289620
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.0 15.3 22.9

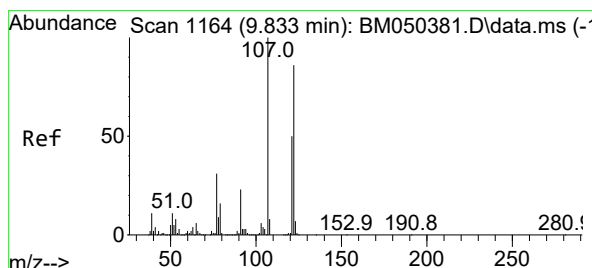
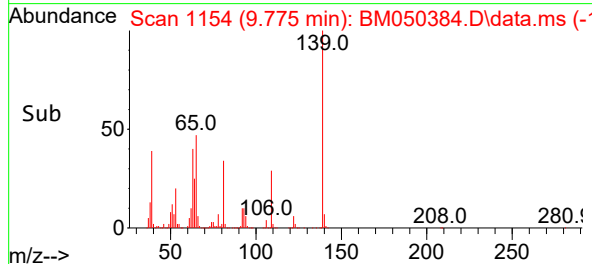
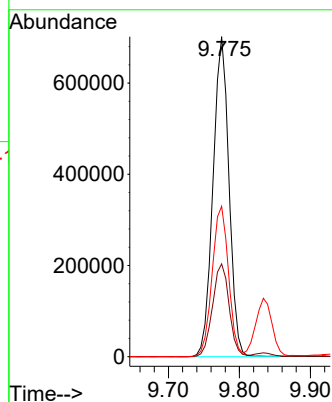
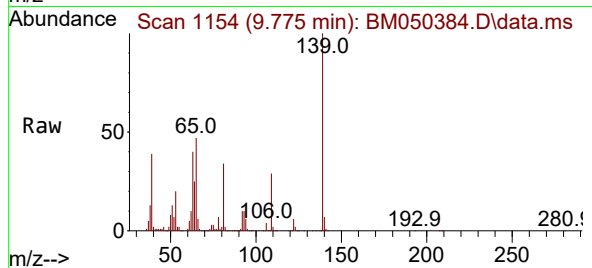




#26
2-Nitrophenol
Concen: 93.448 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

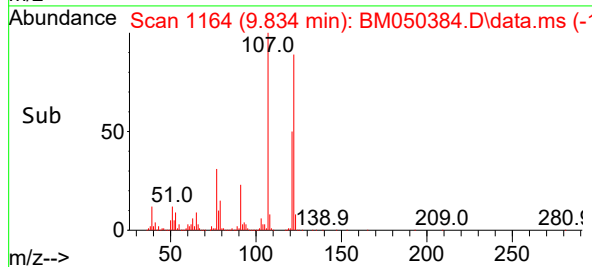
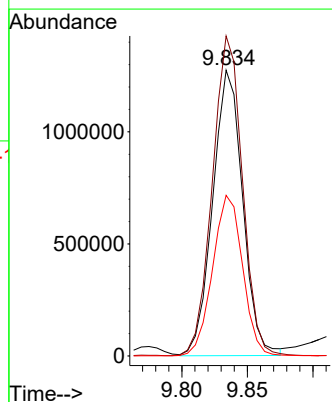
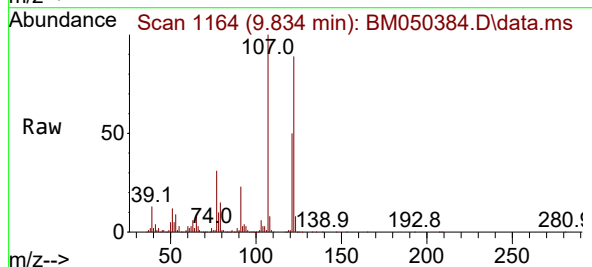
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

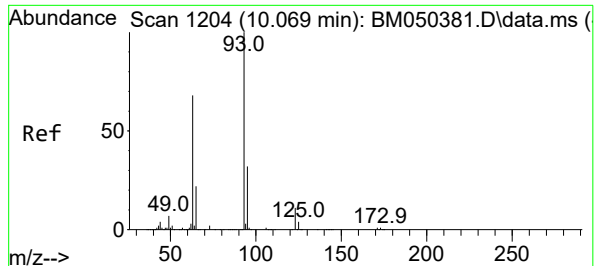
Tgt Ion:139 Resp: 1095059
Ion Ratio Lower Upper
139 100
109 29.0 24.6 36.8
65 47.0 39.2 58.8



#27
2,4-Dimethylphenol
Concen: 81.267 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:122 Resp: 2026460
Ion Ratio Lower Upper
122 100
107 112.0 93.0 139.6
121 56.2 46.1 69.1

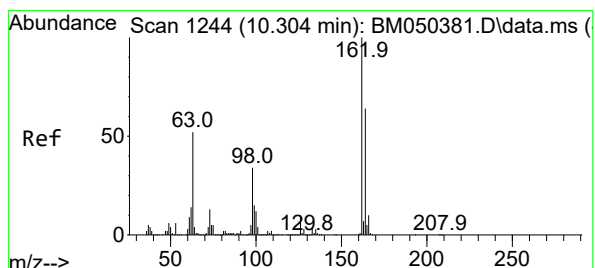
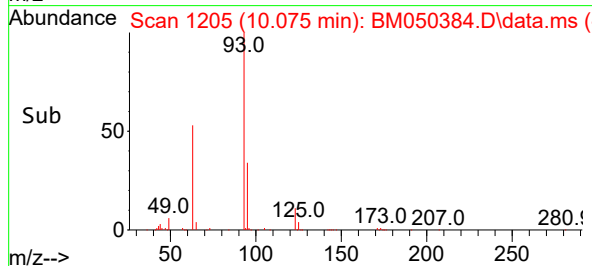
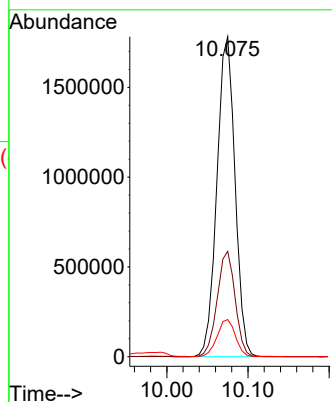
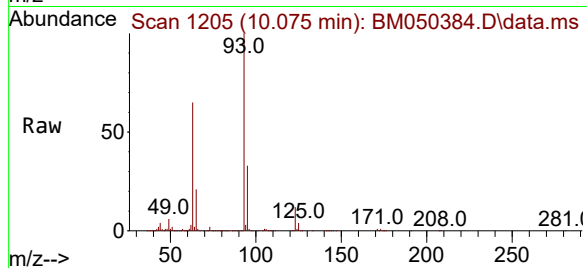




#28
bis(2-Chloroethoxy)methane
Concen: 79.691 ng
RT: 10.075 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

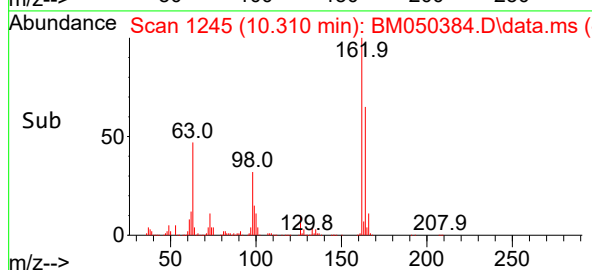
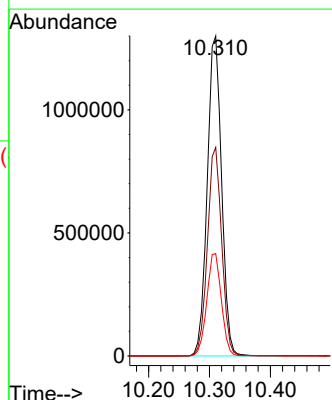
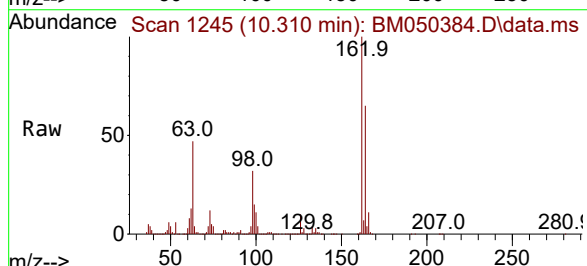
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

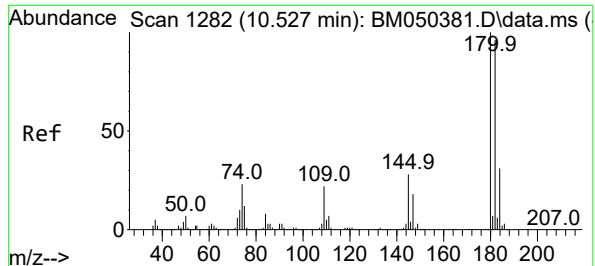
Tgt Ion: 93 Resp: 2760921
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 11.6 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 83.334 ng
RT: 10.310 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 162 Resp: 2134843
Ion Ratio Lower Upper
162 100
164 65.2 43.7 83.7
98 32.0 13.7 53.7





#30

1,2,4-Trichlorobenzene

Concen: 81.052 ng

RT: 10.528 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

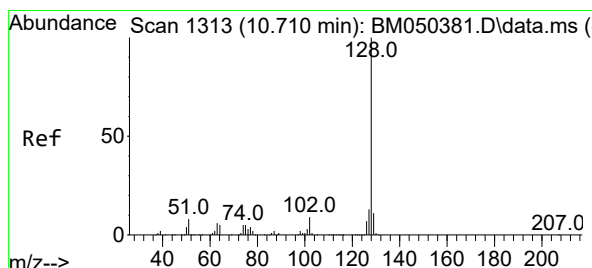
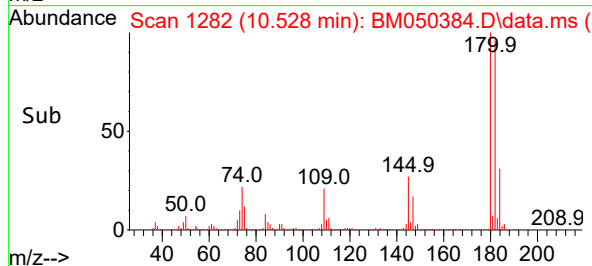
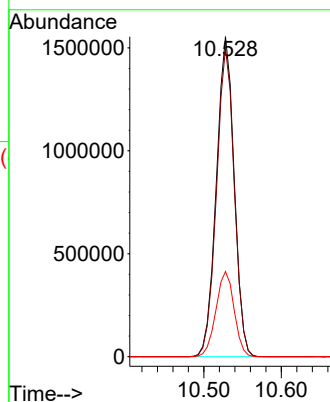
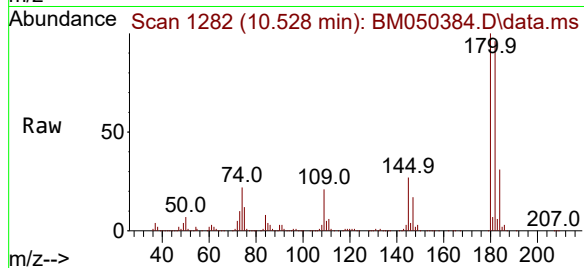
Tgt Ion:180 Resp: 2483928

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

145 26.6 22.6 33.8



#31

Naphthalene

Concen: 78.095 ng

RT: 10.716 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

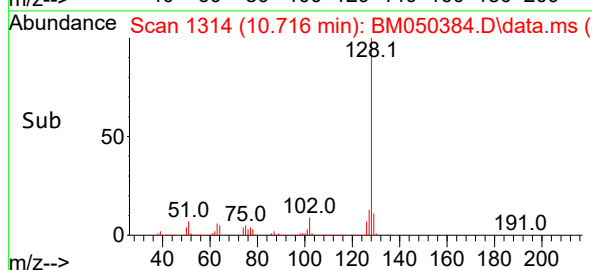
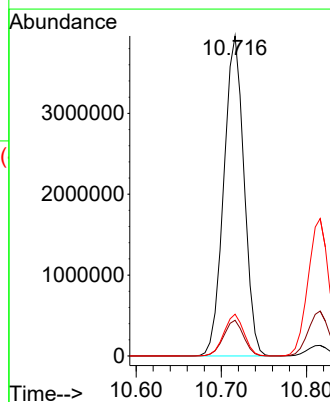
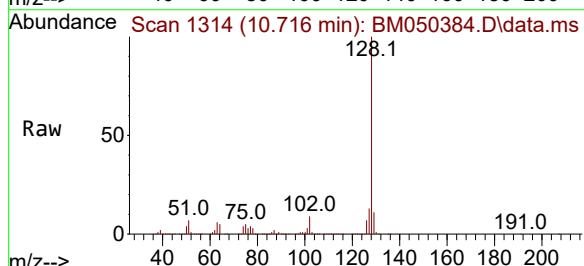
Tgt Ion:128 Resp: 6520664

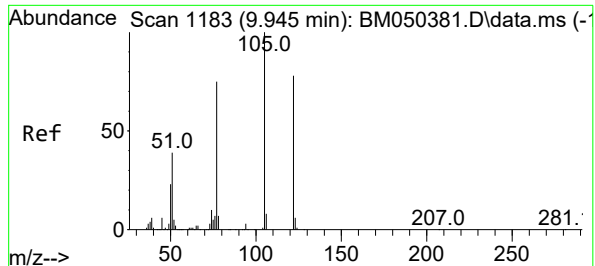
Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.0 10.4 15.6

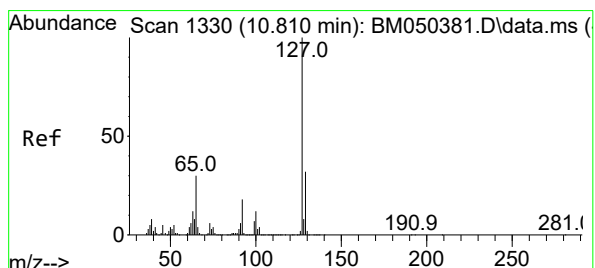
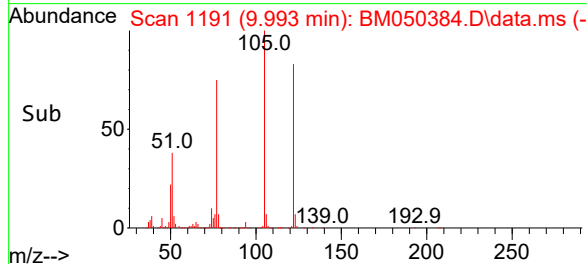
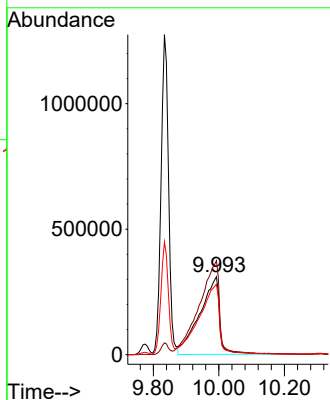
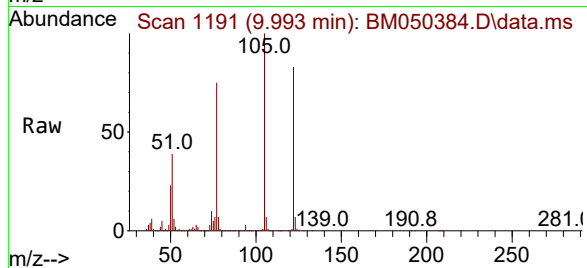




#32
Benzoic acid
Concen: 81.001 ng
RT: 9.993 min Scan# 1191
Delta R.T. 0.048 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

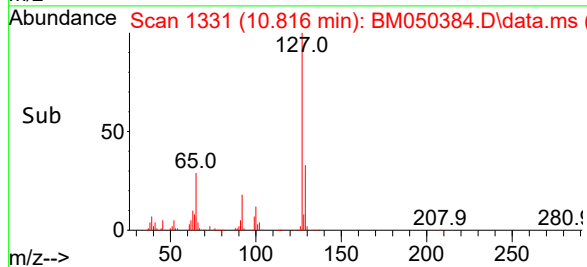
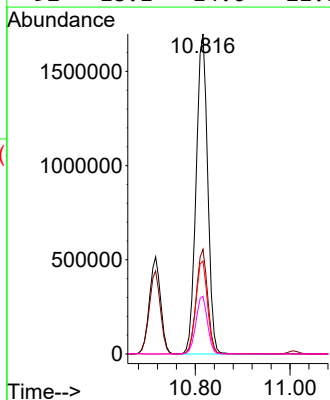
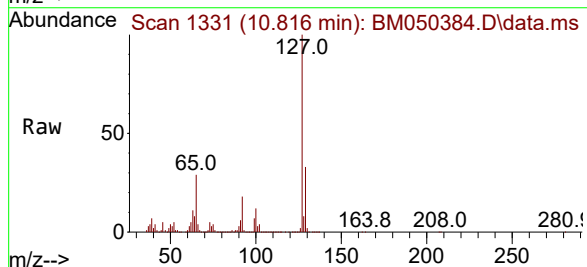
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

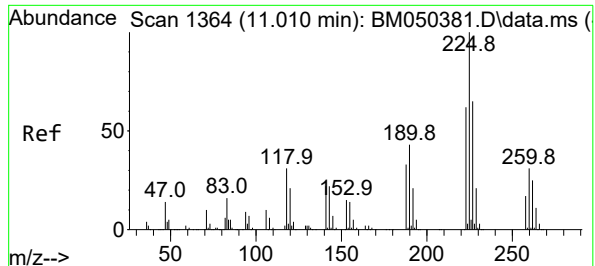
Tgt Ion:122 Resp: 1311597
Ion Ratio Lower Upper
122 100
105 120.8 104.0 144.0
77 90.4 73.8 113.8



#33
4-Chloroaniline
Concen: 81.395 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:127 Resp: 2873151
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 29.1 23.9 35.9
92 18.1 14.6 21.8

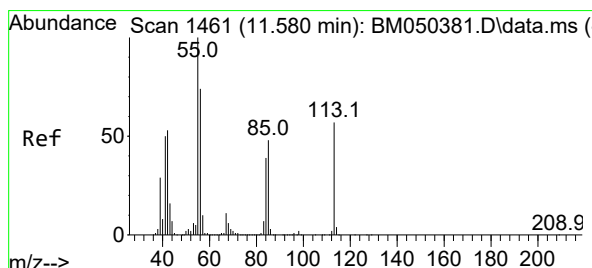
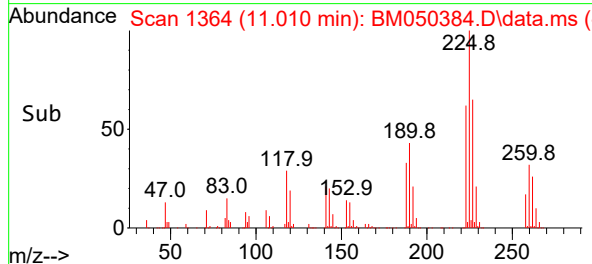
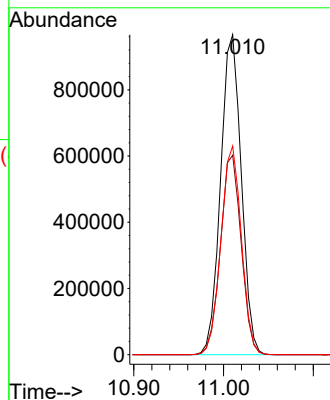
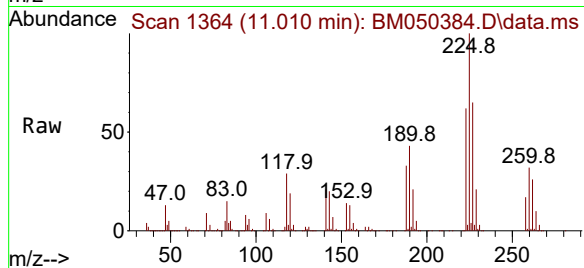




#34
Hexachlorobutadiene
Concen: 82.684 ng
RT: 11.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

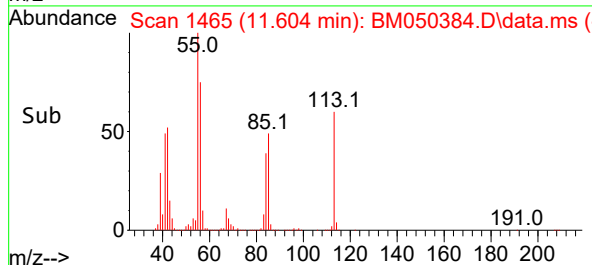
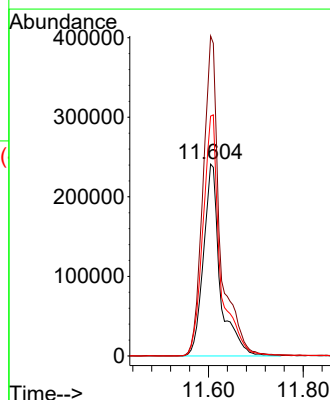
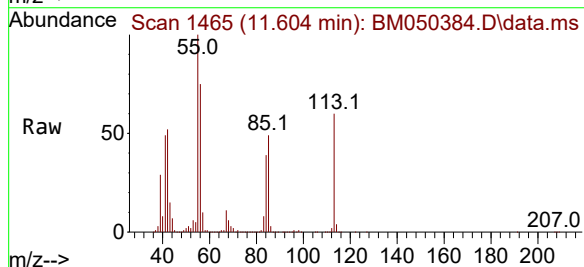
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

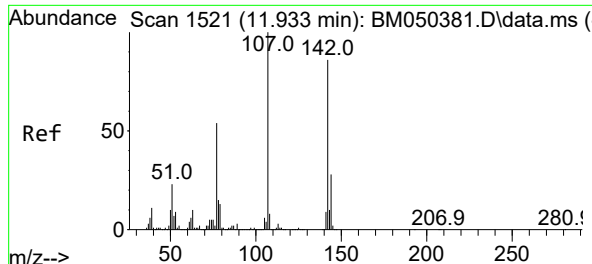
Tgt Ion:225 Resp: 1546563
Ion Ratio Lower Upper
225 100
223 62.4 49.7 74.5
227 65.2 52.1 78.1



#35
Caprolactam
Concen: 84.949 ng
RT: 11.604 min Scan# 1465
Delta R.T. 0.024 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:113 Resp: 594080
Ion Ratio Lower Upper
113 100
55 166.9 157.2 197.2
56 125.0 111.7 151.7

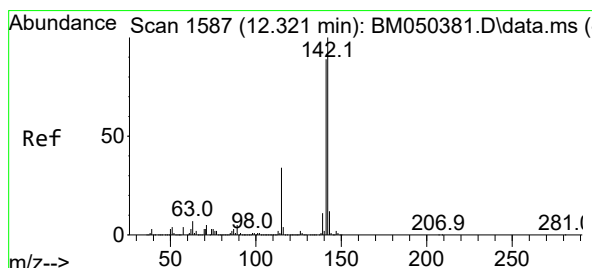
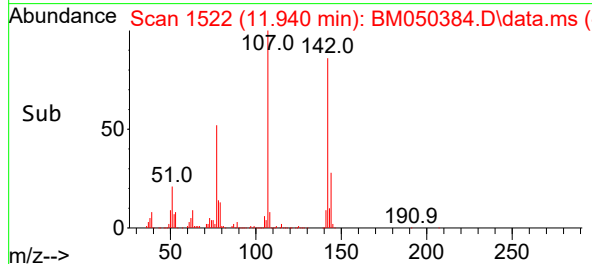
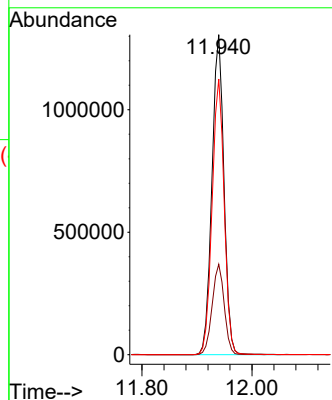
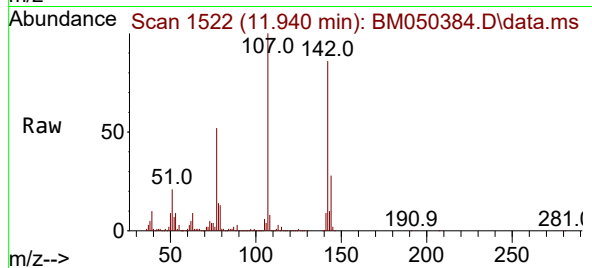




#36
4-Chloro-3-methylphenol
Concen: 82.929 ng
RT: 11.940 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

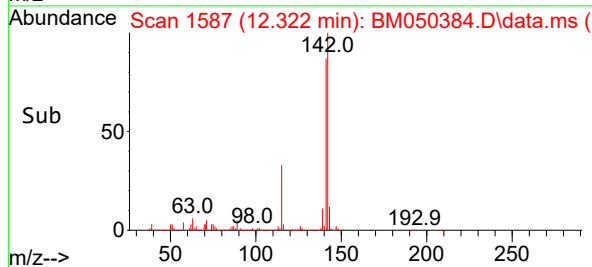
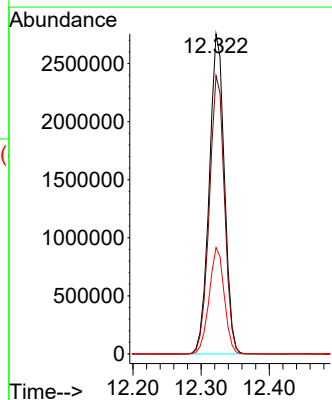
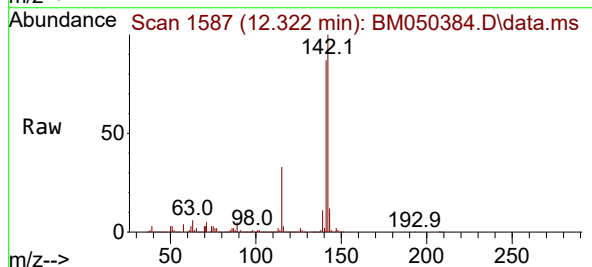
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

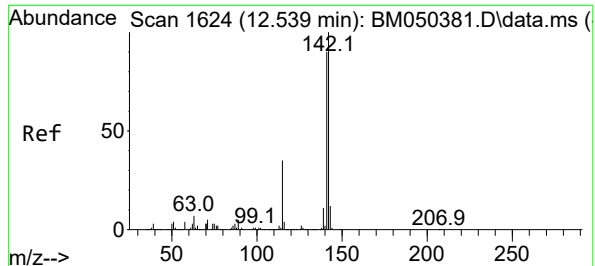
Tgt Ion:107 Resp: 1983864
Ion Ratio Lower Upper
107 100
144 28.3 22.2 33.4
142 86.2 68.7 103.1



#37
2-Methylnaphthalene
Concen: 80.705 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:142 Resp: 4254768
Ion Ratio Lower Upper
142 100
141 86.9 70.8 106.2
115 33.2 27.0 40.4





#38

1-Methylnaphthalene

Concen: 80.207 ng

RT: 12.545 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

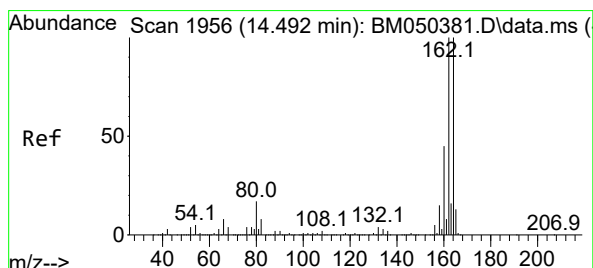
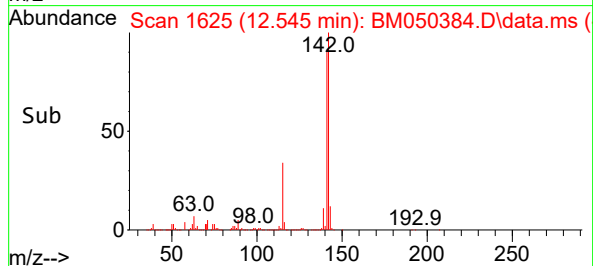
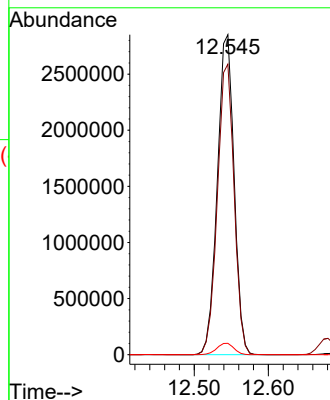
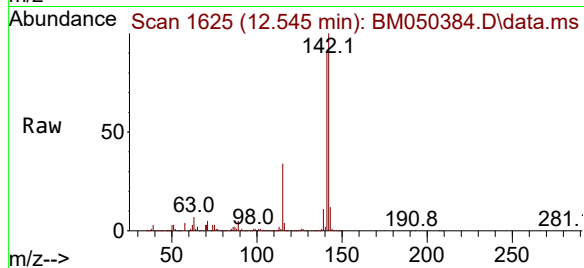
Tgt Ion:142 Resp: 4475032

Ion Ratio Lower Upper

142 100

141 90.8 71.9 107.9

116 3.6 3.0 4.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1957

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

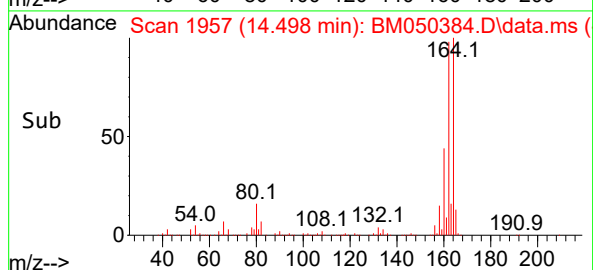
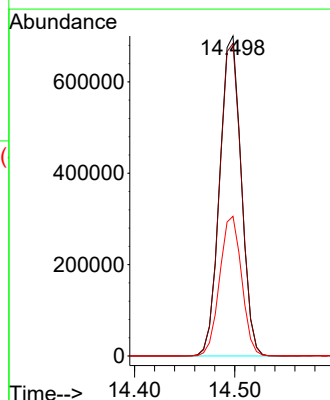
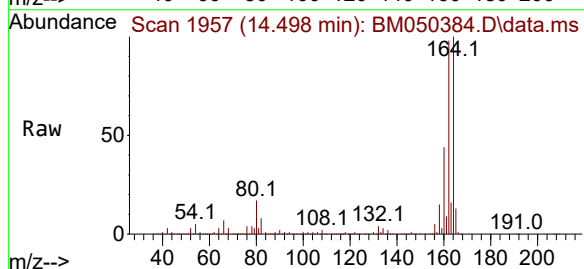
Tgt Ion:164 Resp: 1043719

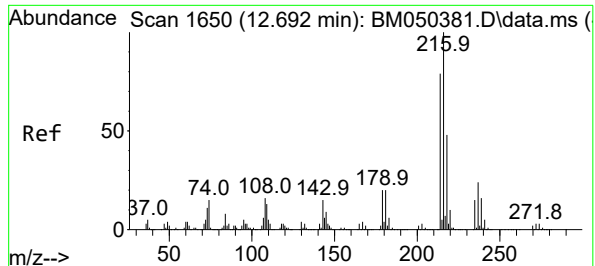
Ion Ratio Lower Upper

164 100

162 97.6 79.9 119.9

160 43.6 36.2 54.4

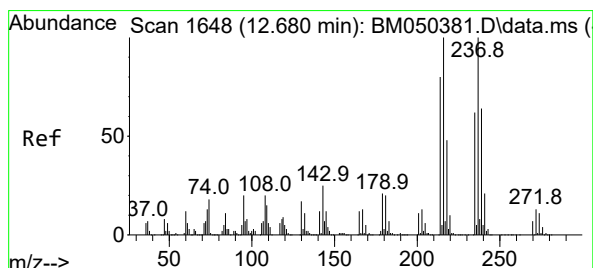
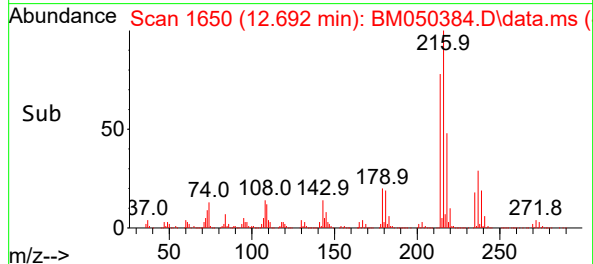
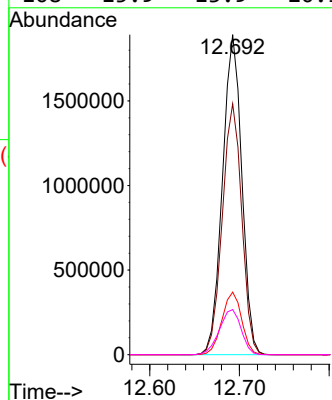
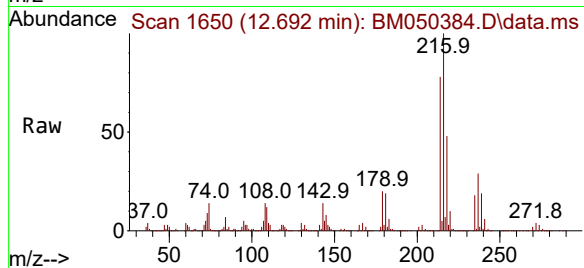




#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.112 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

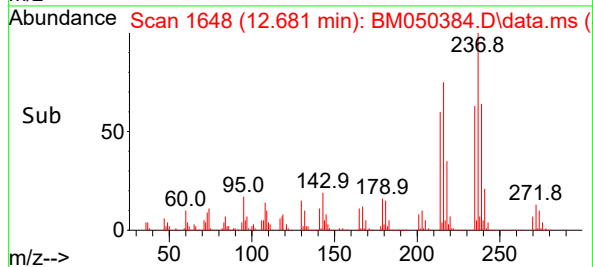
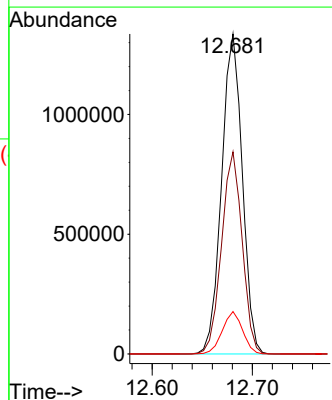
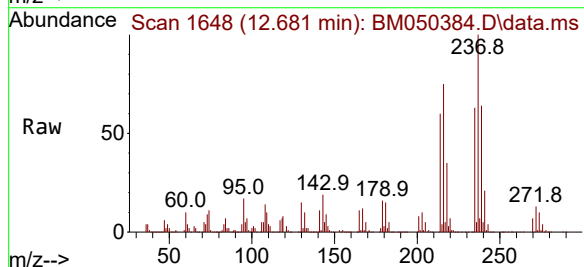
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

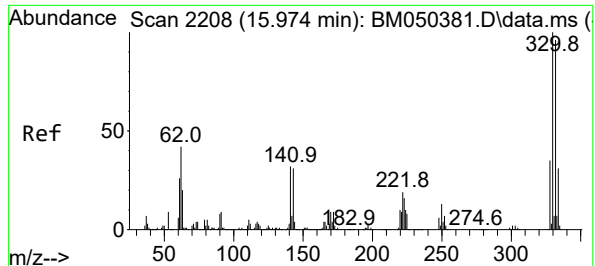
Tgt Ion:216 Resp: 2824950
Ion Ratio Lower Upper
216 100
214 78.9 63.3 94.9
179 20.0 16.4 24.6
108 15.9 13.9 20.9



#41
Hexachlorocyclopentadiene
Concen: 90.239 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:237 Resp: 1914528
Ion Ratio Lower Upper
237 100
235 63.1 42.3 82.3
272 13.2 0.0 33.0

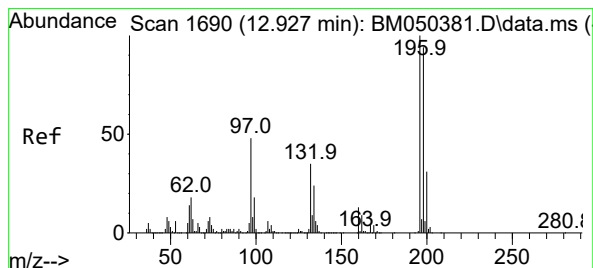
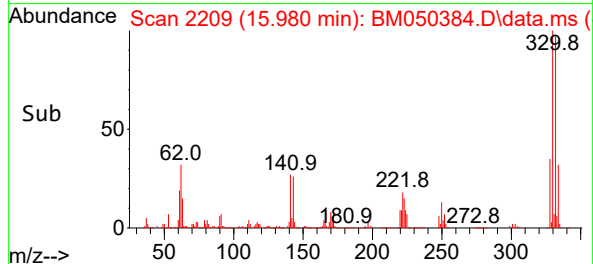
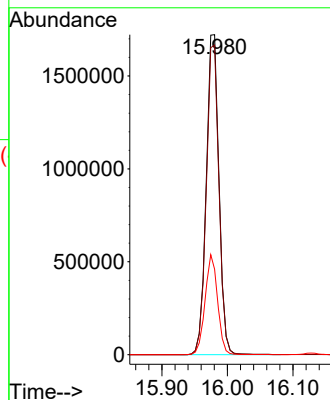
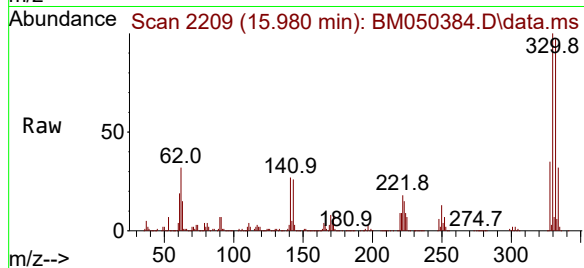




#42
2,4,6-Tribromophenol
Concen: 184.182 ng
RT: 15.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

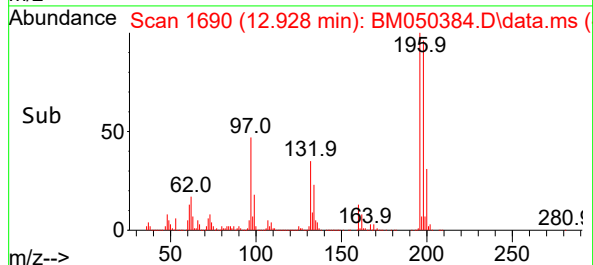
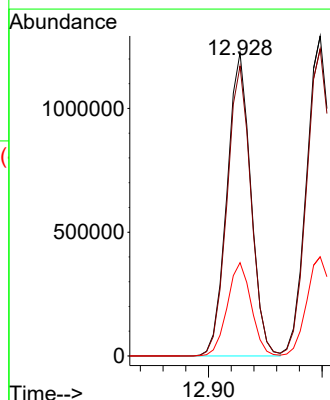
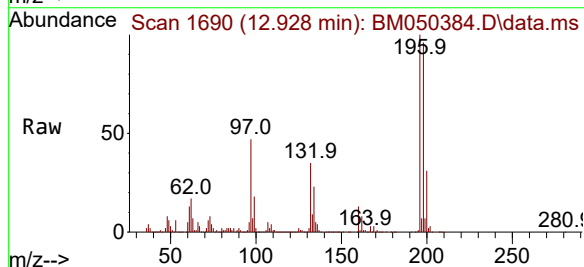
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

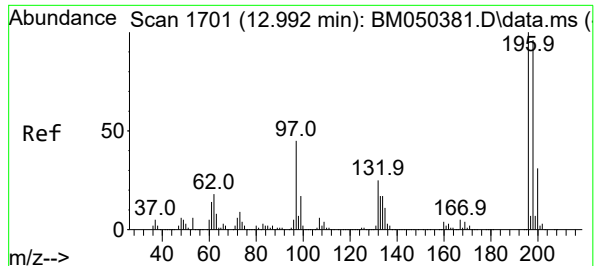
Tgt Ion:330 Resp: 2335664
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 30.7 27.4 41.0



#43
2,4,6-Trichlorophenol
Concen: 87.263 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:196 Resp: 1782842
Ion Ratio Lower Upper
196 100
198 95.6 75.1 112.7
200 30.8 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 86.021 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 1919360

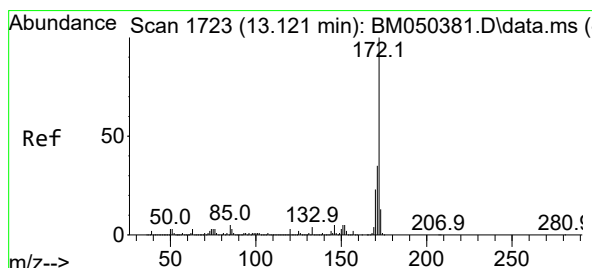
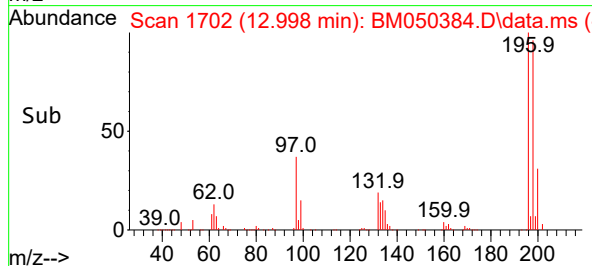
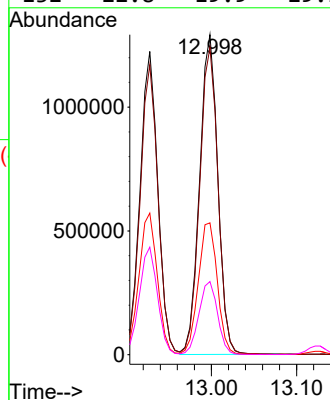
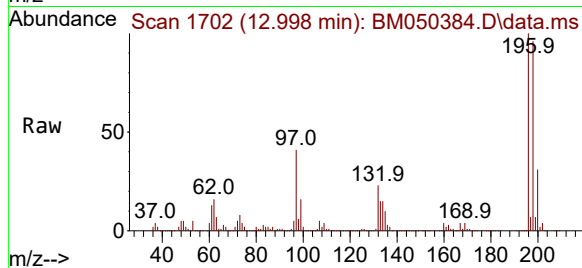
Ion Ratio Lower Upper

196 100

198 96.0 77.2 115.8

97 41.2 36.2 54.4

132 22.8 19.9 29.9



#45

2-Fluorobiphenyl

Concen: 155.576 ng

RT: 13.122 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050384.D

Acq: 08 Jul 2025 17:22

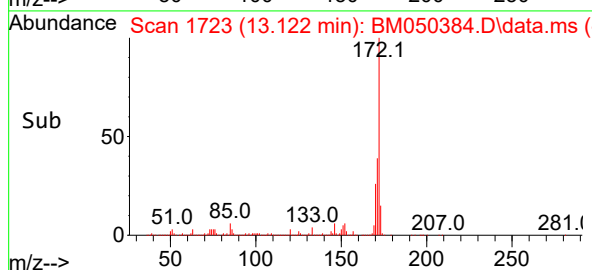
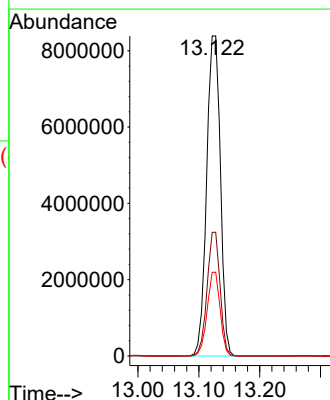
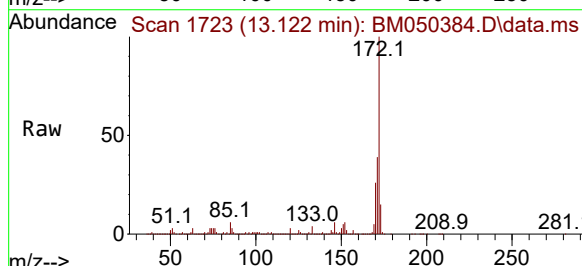
Tgt Ion:172 Resp:13148691

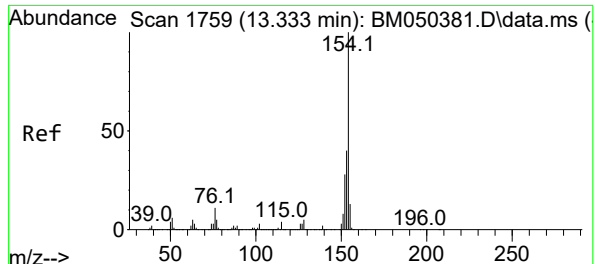
Ion Ratio Lower Upper

172 100

171 38.6 27.7 41.5

170 26.2 18.8 28.2

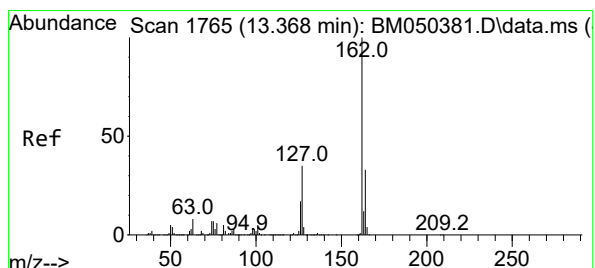
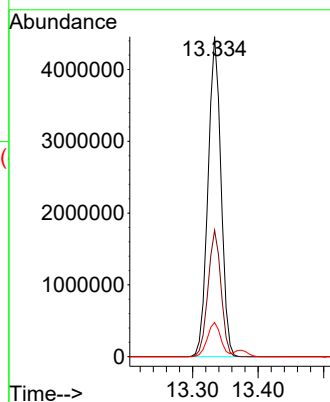
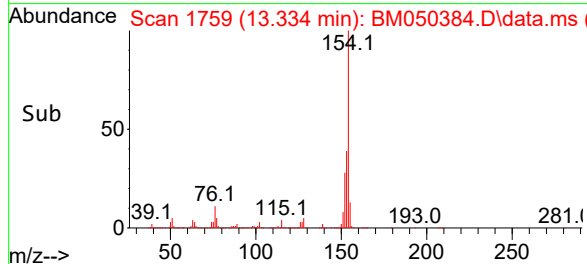
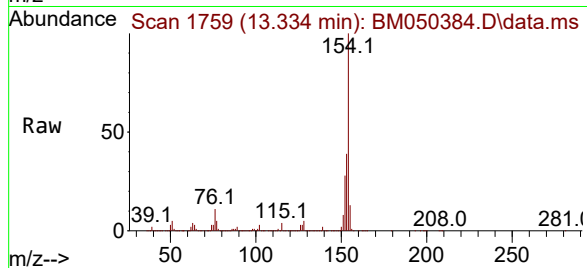




#46
1,1'-Biphenyl
Concen: 79.310 ng
RT: 13.334 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

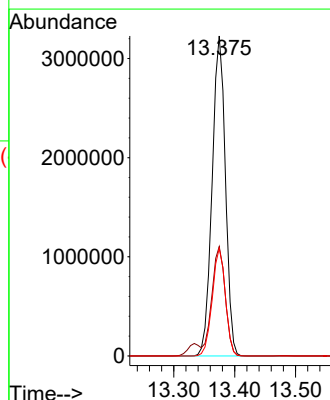
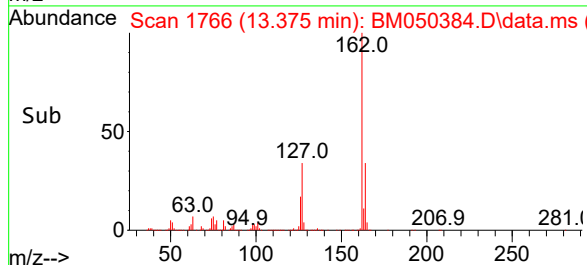
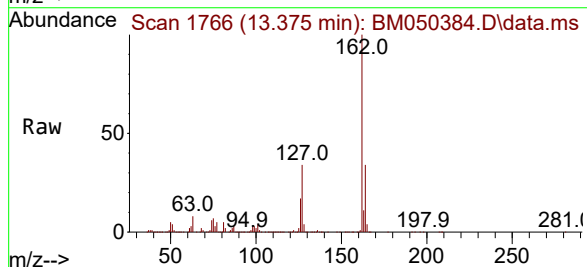
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

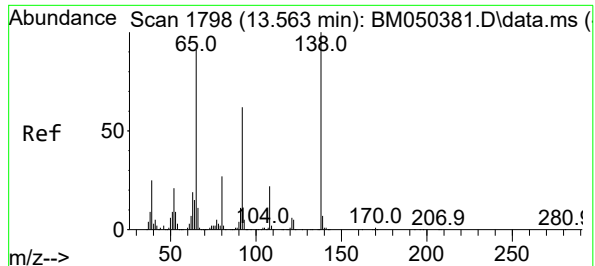
Tgt Ion:154 Resp: 6141549
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 10.7 0.0 30.9



#47
2-Chloronaphthalene
Concen: 79.196 ng
RT: 13.375 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 4889665
Ion Ratio Lower Upper
162 100
127 34.2 28.3 42.5
164 33.6 26.6 40.0

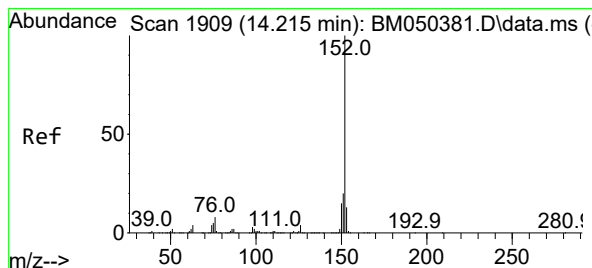
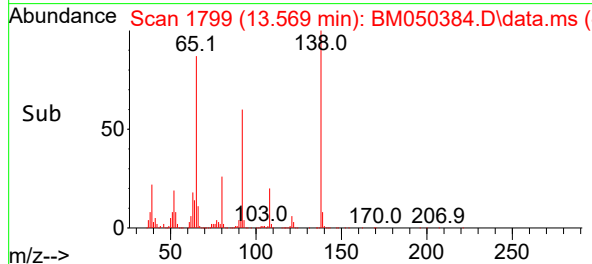
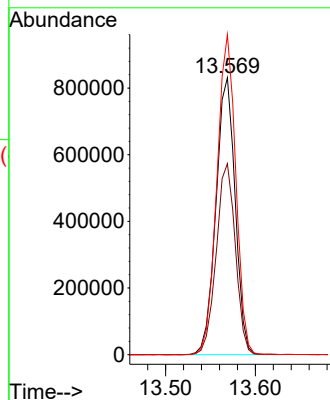
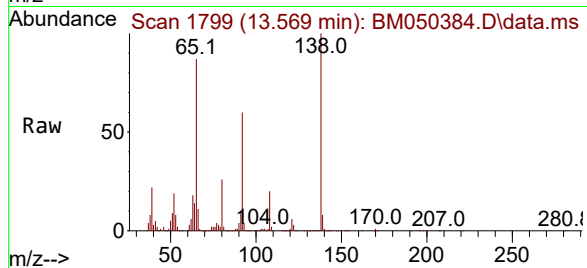




#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

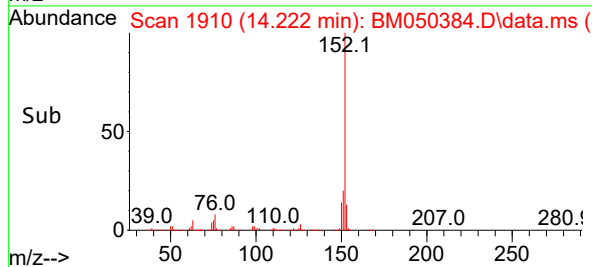
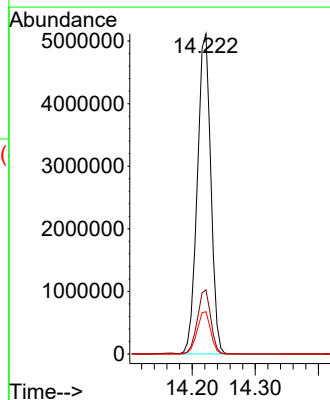
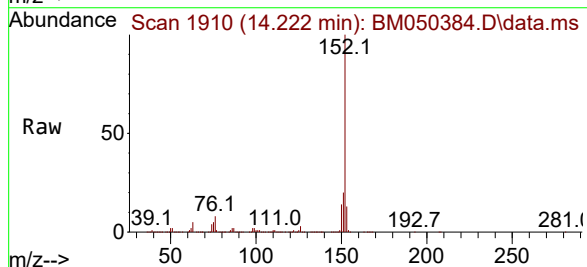
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

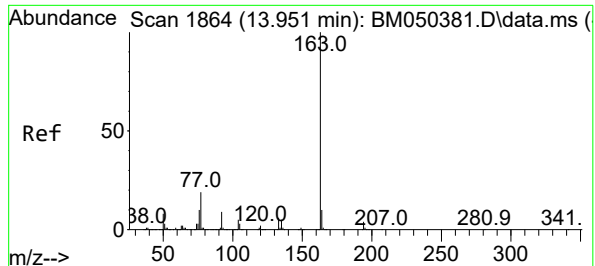
Tgt Ion: 65 Resp: 1233222
Ion Ratio Lower Upper
65 100
92 68.9 54.3 81.5
138 115.5 87.8 131.6



#49
Acenaphthylene
Concen: 81.019 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 152 Resp: 7559726
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.2 10.6 15.8

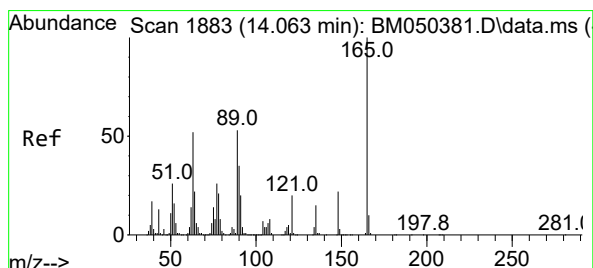
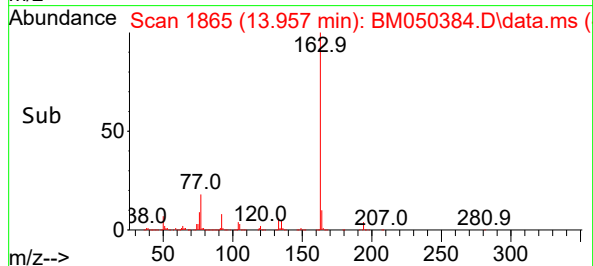
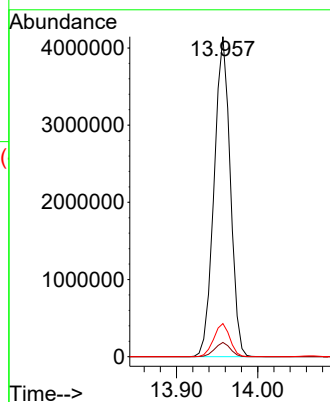
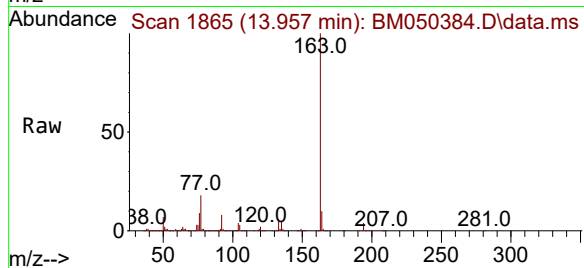




#50
Dimethylphthalate
Concen: 79.779 ng
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

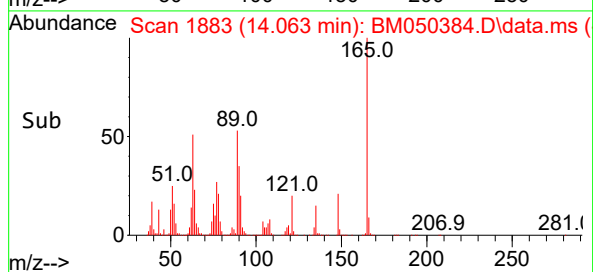
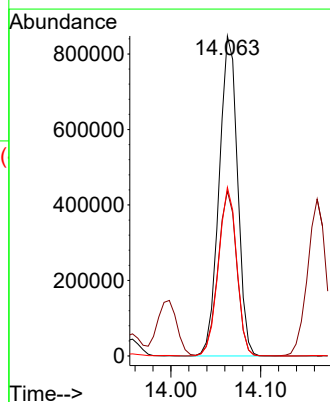
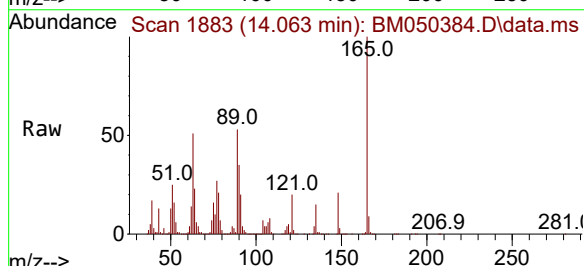
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

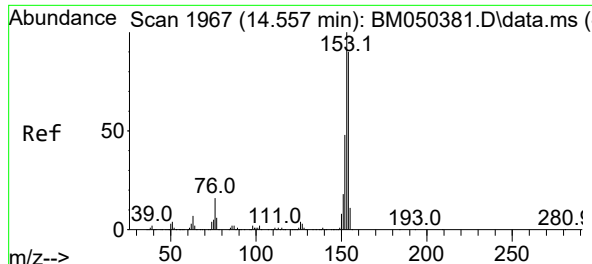
Tgt Ion:163 Resp: 5732691
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 87.496 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1207179
Ion Ratio Lower Upper
165 100
63 51.5 42.4 63.6
89 52.7 42.2 63.2

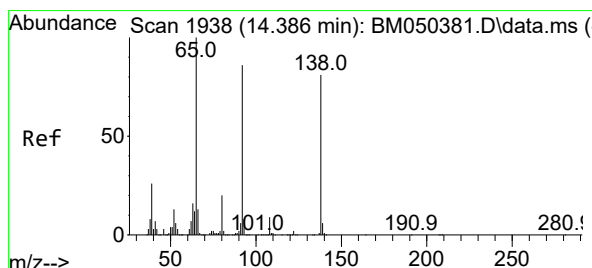
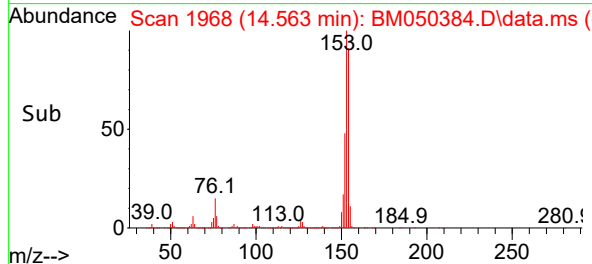
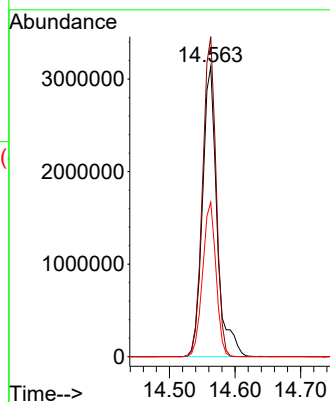
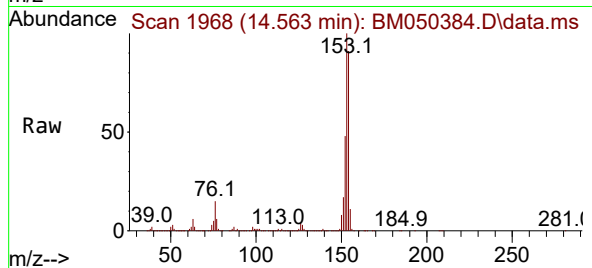




#52
Acenaphthene
Concen: 81.486 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

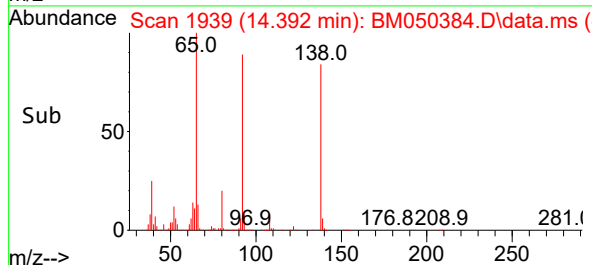
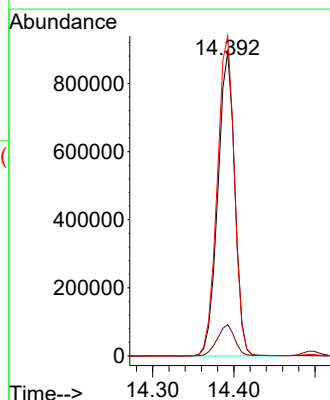
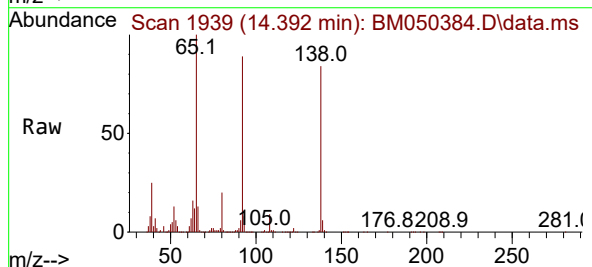
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

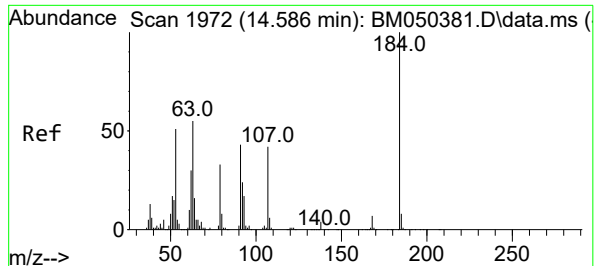
Tgt Ion:154 Resp: 4833886
Ion Ratio Lower Upper
154 100
153 110.3 89.2 133.8
152 53.3 42.6 64.0



#53
3-Nitroaniline
Concen: 88.444 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:138 Resp: 1297724
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 105.4 85.0 127.6

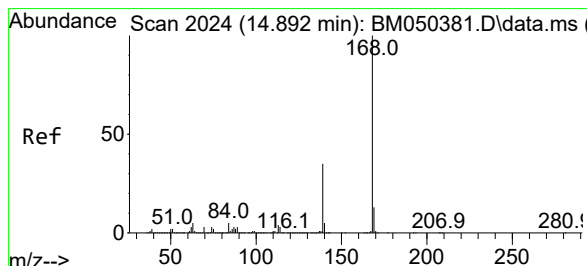
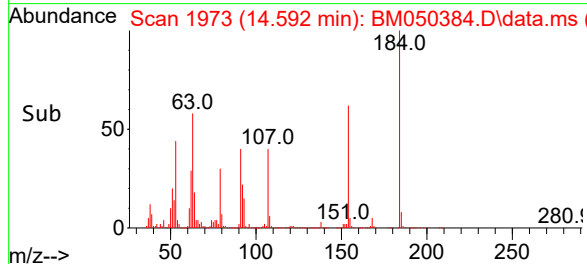
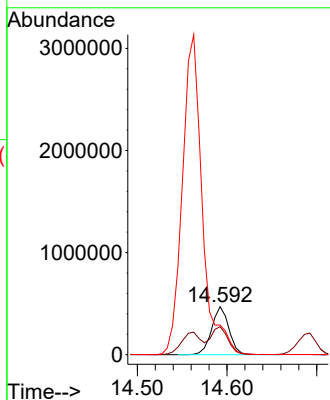
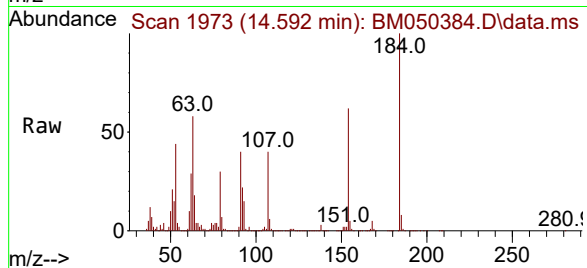




#54
2,4-Dinitrophenol
Concen: 82.116 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

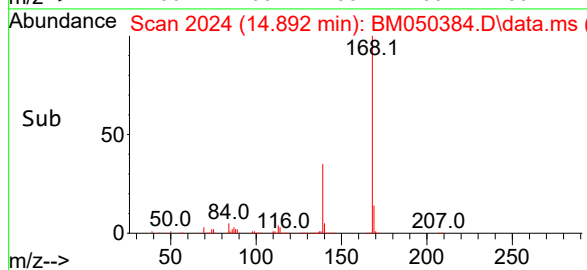
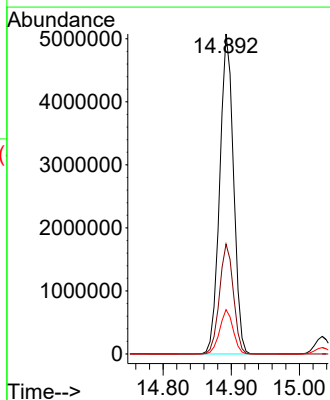
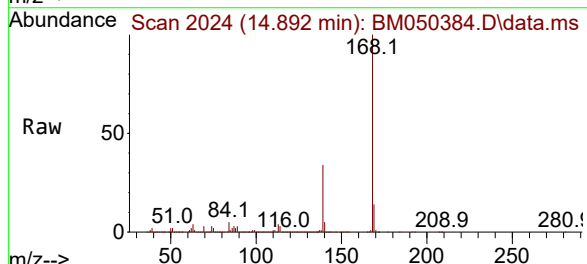
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

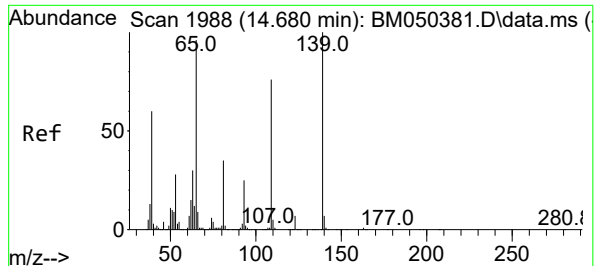
Tgt Ion:184 Resp: 626569
Ion Ratio Lower Upper
184 100
63 58.4 53.4 80.0
154 61.7 61.6 92.4



#55
Dibenzofuran
Concen: 78.152 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:168 Resp: 7143343
Ion Ratio Lower Upper
168 100
139 34.4 27.7 41.5
169 13.8 10.7 16.1

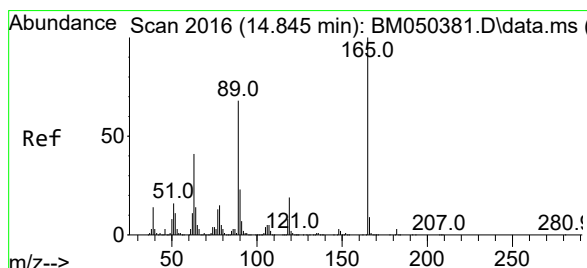
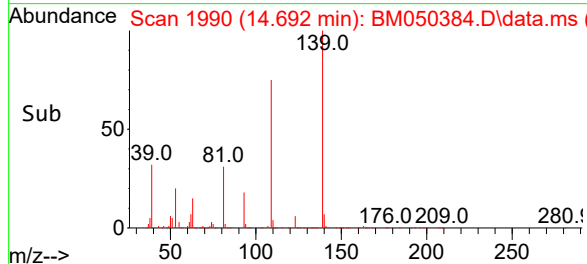
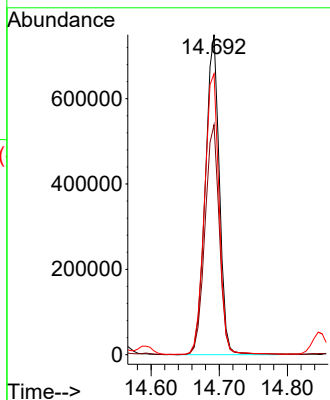
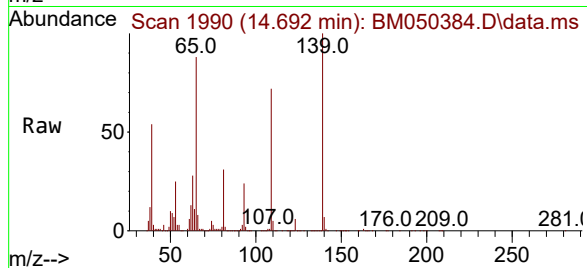




#56
4-Nitrophenol
Concen: 85.262 ng
RT: 14.692 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

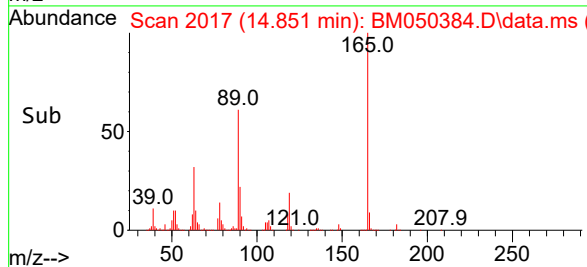
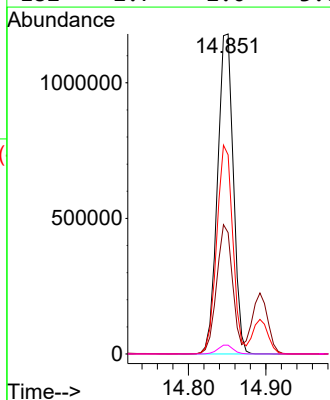
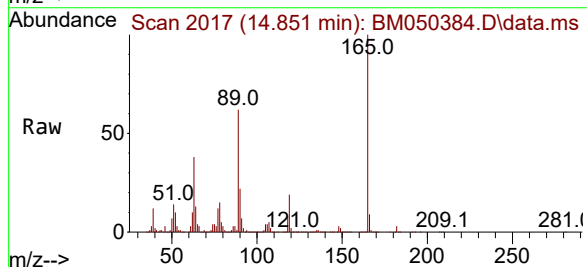
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

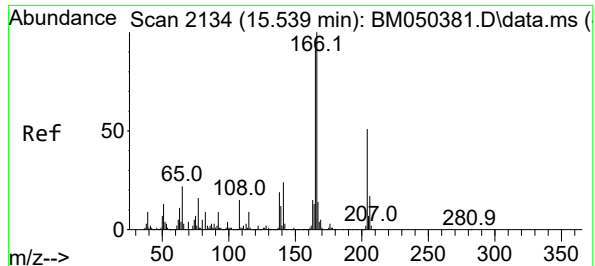
Tgt Ion:139 Resp: 1075848
Ion Ratio Lower Upper
139 100
109 71.9 56.5 96.5
65 87.8 76.4 116.4



#57
2,4-Dinitrotoluene
Concen: 79.189 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1674329
Ion Ratio Lower Upper
165 100
63 37.9 32.5 48.7
89 62.2 54.0 81.0
182 2.7 2.0 3.0

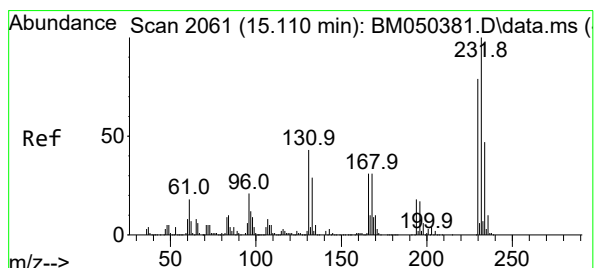
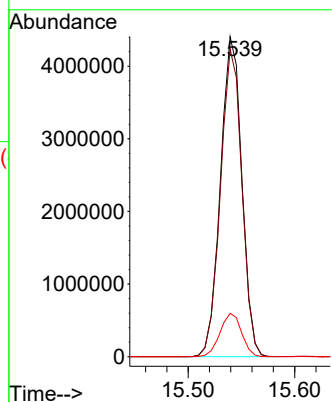
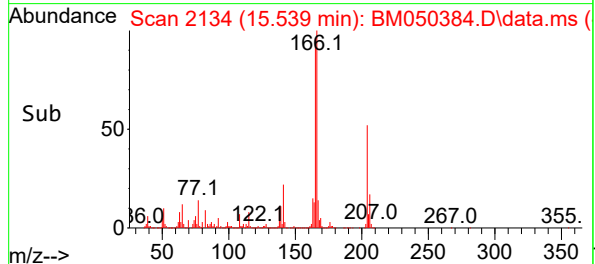
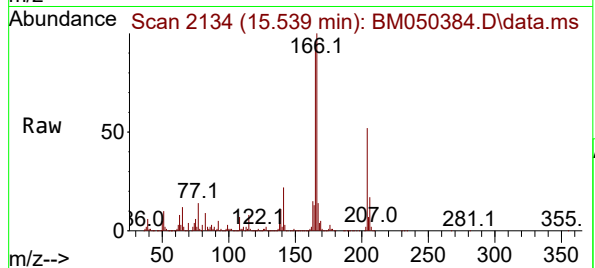




#58
Fluorene
Concen: 81.530 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

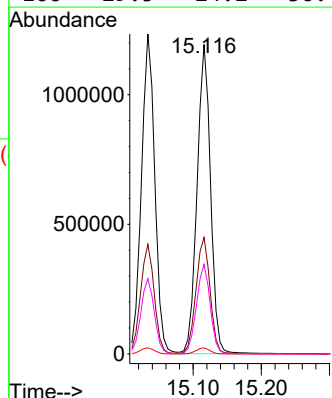
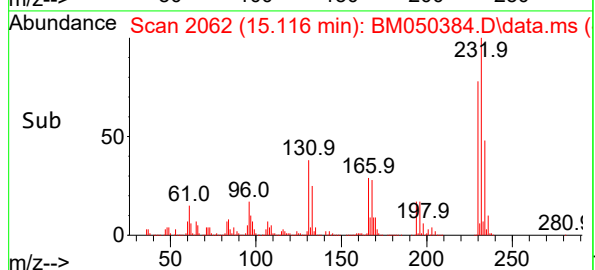
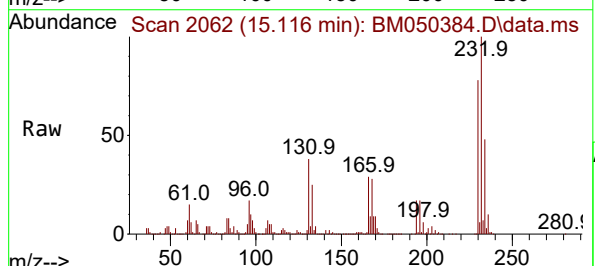
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

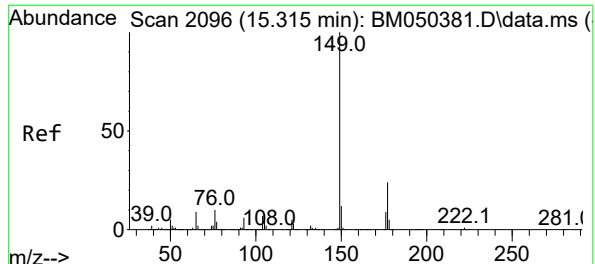
Tgt Ion:166 Resp: 6138107
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.6 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 87.136 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:232 Resp: 1636646
Ion Ratio Lower Upper
232 100
131 39.2 33.4 50.0
130 2.1 1.8 2.6
166 29.5 24.2 36.4

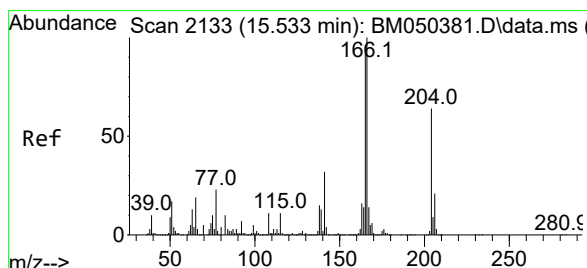
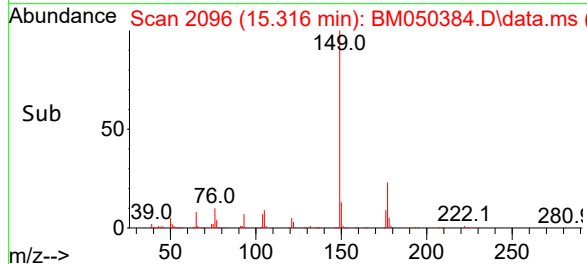
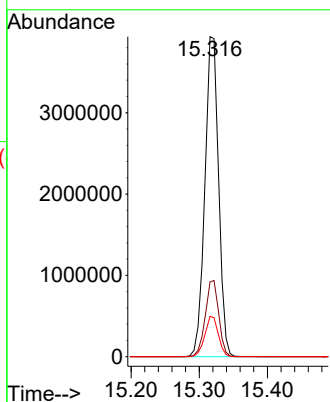
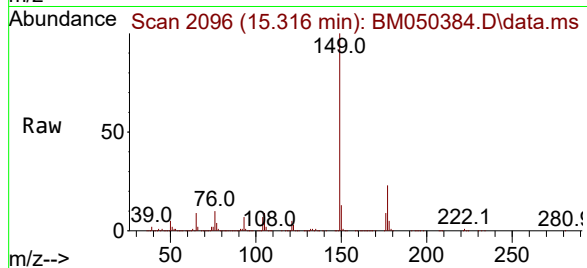




#60
Diethylphthalate
Concen: 80.291 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

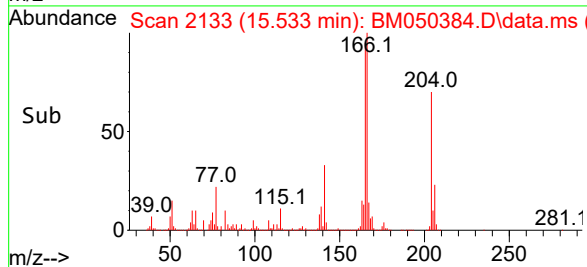
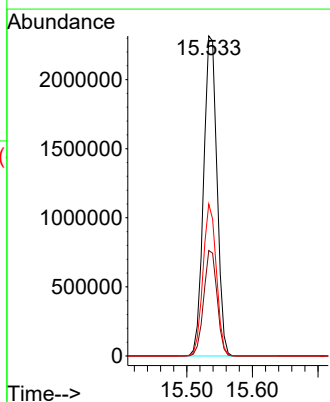
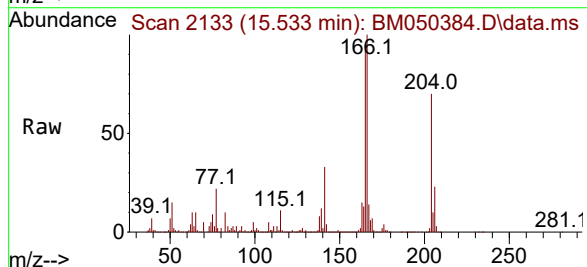
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

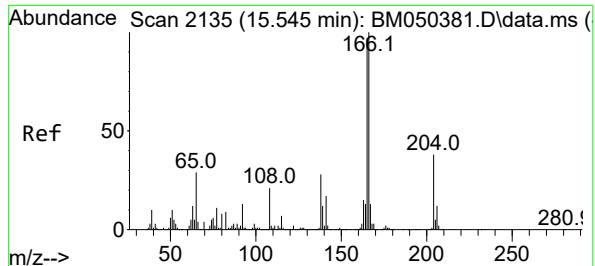
Tgt Ion:149 Resp: 5511226
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.6 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 83.798 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:204 Resp: 3298863
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 47.5 39.9 59.9

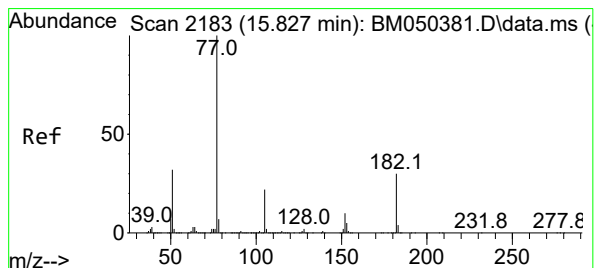
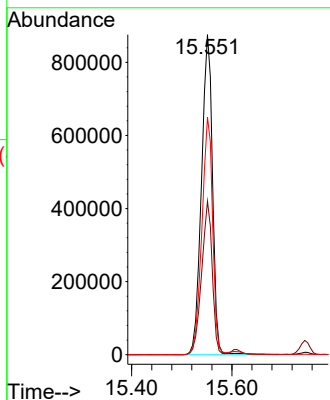
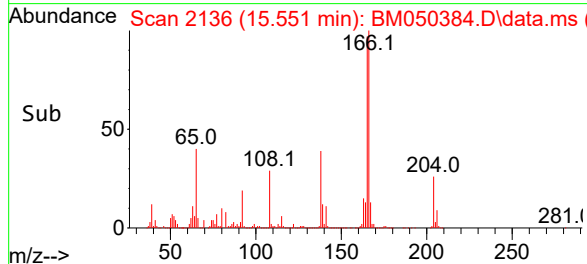
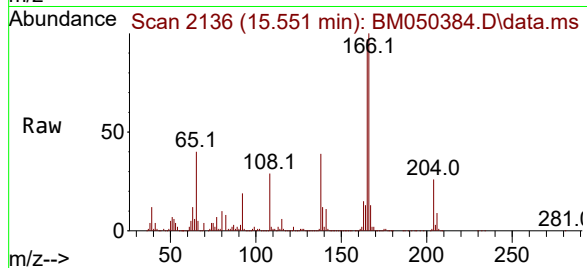




#62
4-Nitroaniline
Concen: 77.536 ng
RT: 15.551 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

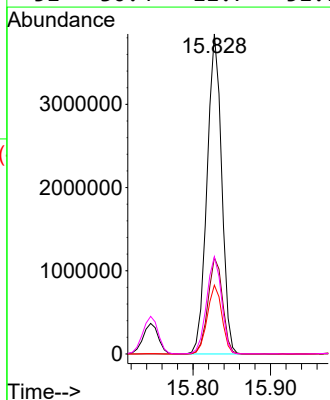
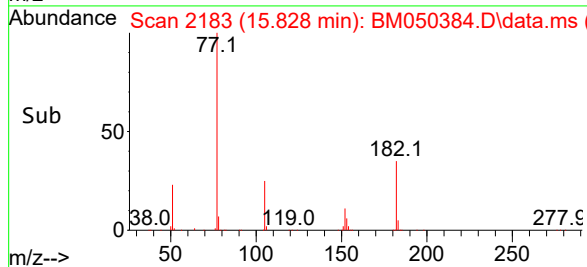
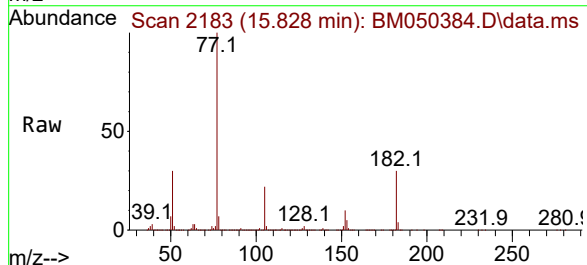
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

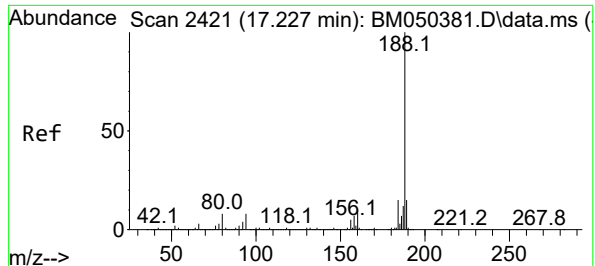
Tgt Ion:138 Resp: 1336300
Ion Ratio Lower Upper
138 100
92 48.0 24.5 64.5
108 74.2 52.5 92.5



#63
Azobenzene
Concen: 79.741 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 77 Resp: 5026045
Ion Ratio Lower Upper
77 100
182 30.1 10.0 50.0
105 21.5 2.0 42.0
51 30.4 11.7 51.7

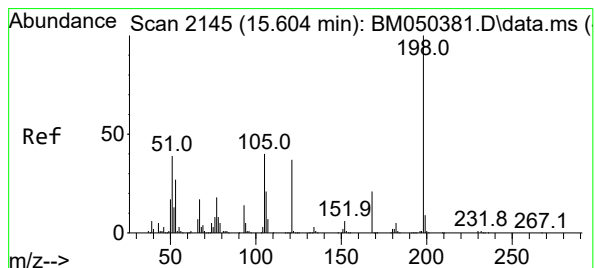
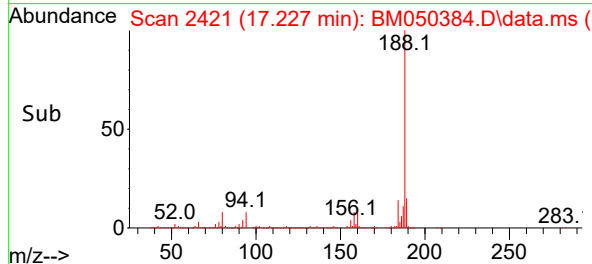
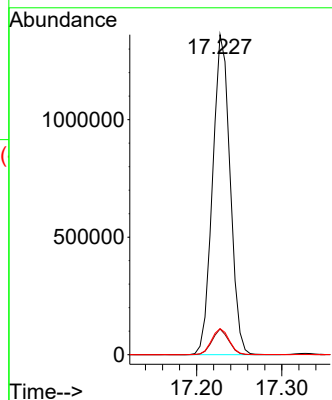
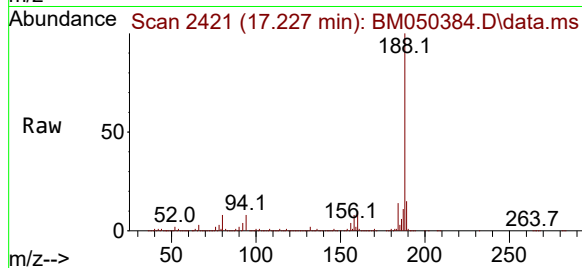




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

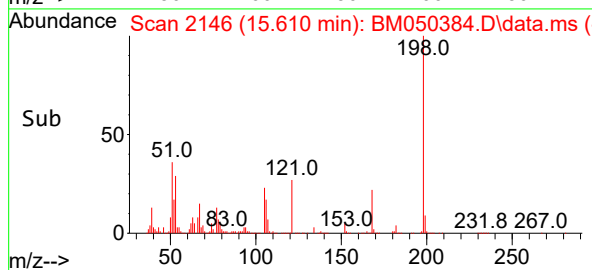
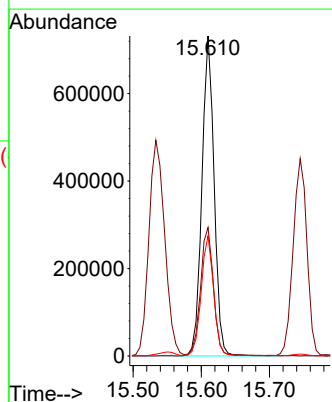
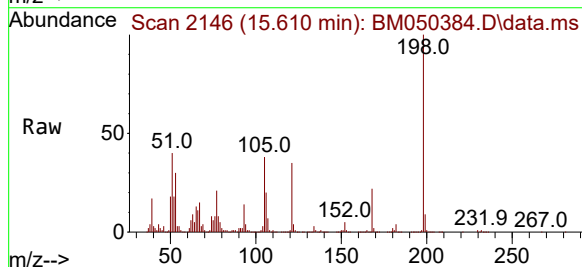
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

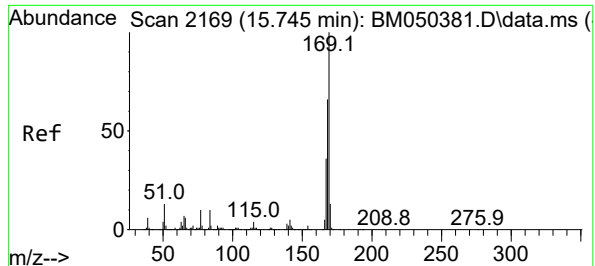
Tgt Ion:188 Resp: 1944455
Ion Ratio Lower Upper
188 100
94 8.1 6.0 9.0
80 8.1 6.5 9.7



#65
4,6-Dinitro-2-methylphenol
Concen: 82.140 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:198 Resp: 912781
Ion Ratio Lower Upper
198 100
51 40.1 26.6 66.6
105 37.5 20.9 60.9

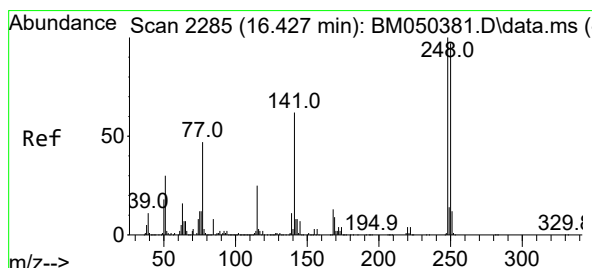
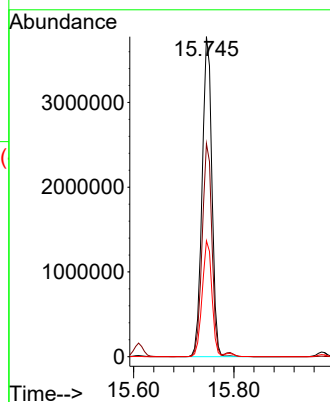
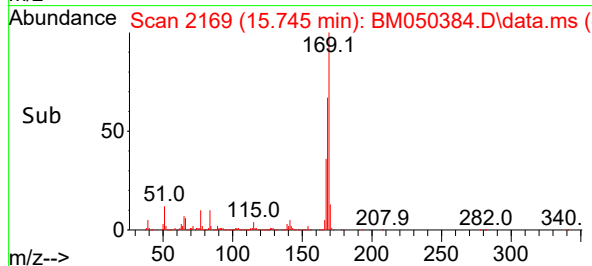
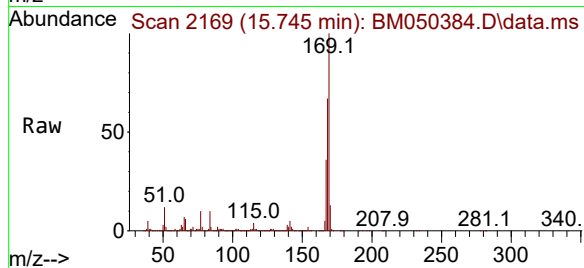




#66
n-Nitrosodiphenylamine
Concen: 83.592 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

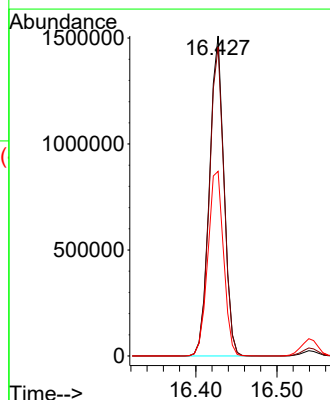
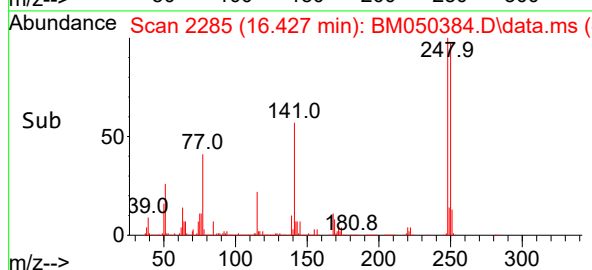
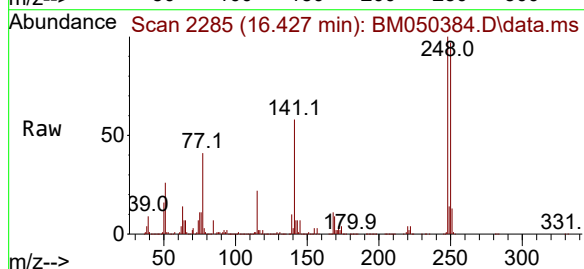
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

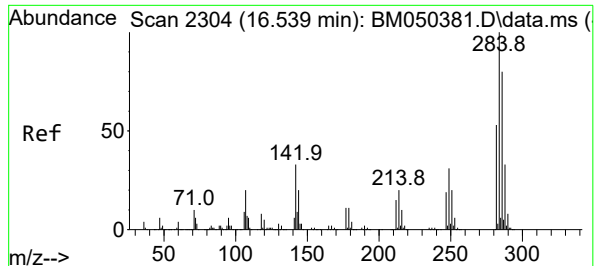
Tgt Ion:169 Resp: 5086187
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.2 28.7 43.1



#67
4-Bromophenyl-phenylether
Concen: 87.664 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:248 Resp: 1878071
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 57.7 49.7 74.5

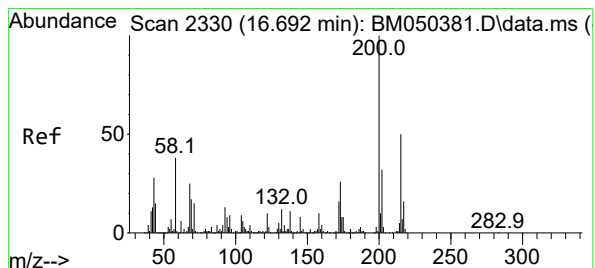
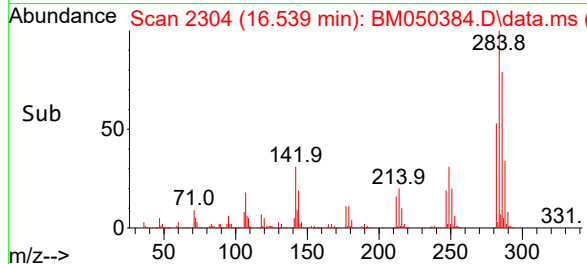
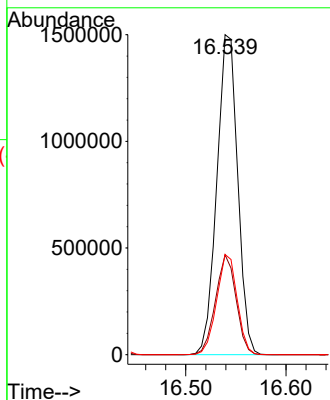
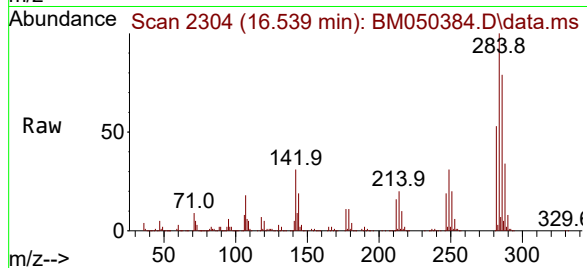




#68
Hexachlorobenzene
Concen: 85.534 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

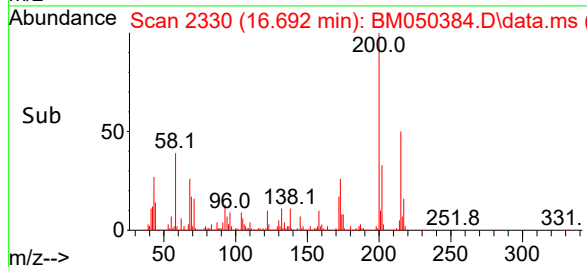
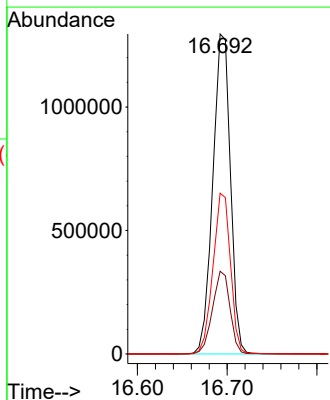
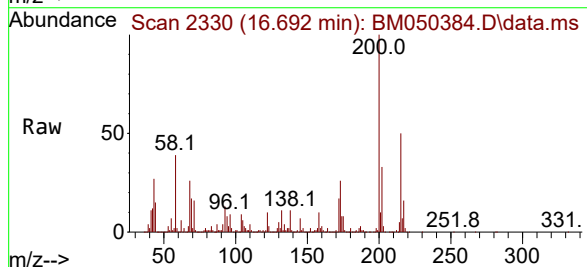
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

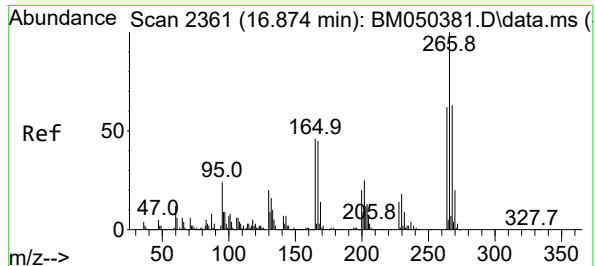
Tgt Ion:284 Resp: 2164238
Ion Ratio Lower Upper
284 100
142 31.2 26.8 40.2
249 31.3 24.5 36.7



#69
Atrazine
Concen: 88.450 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:200 Resp: 1767182
Ion Ratio Lower Upper
200 100
173 25.9 5.6 45.6
215 50.3 29.6 69.6

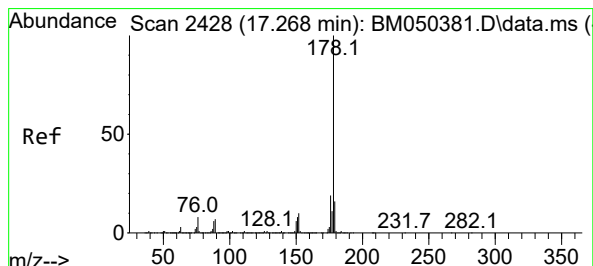
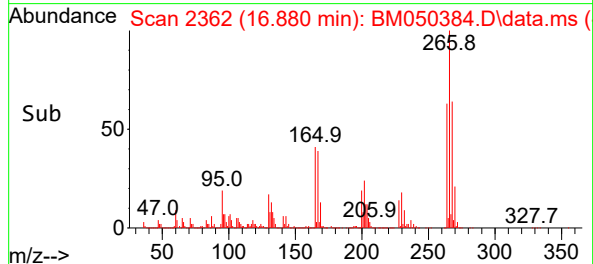
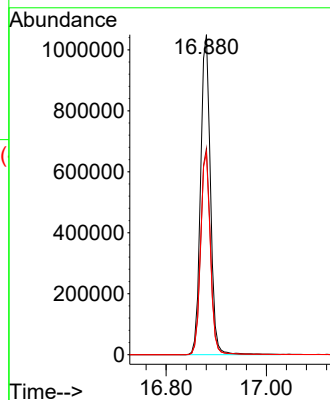
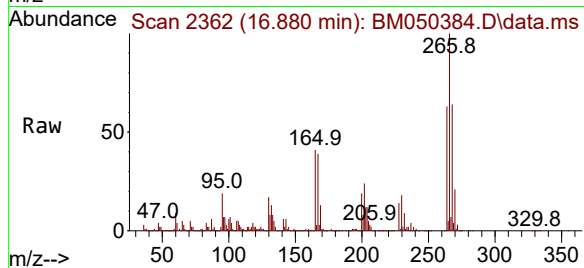




#70
Pentachlorophenol
Concen: 90.473 ng
RT: 16.880 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

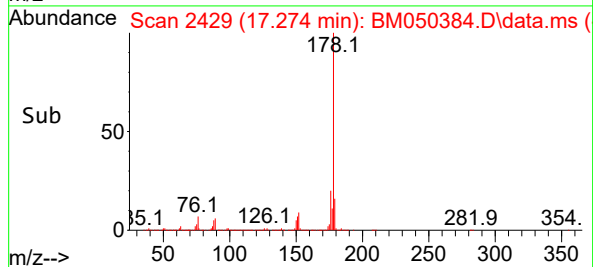
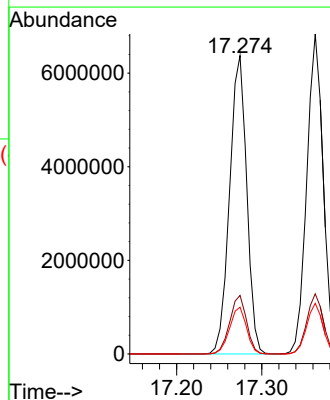
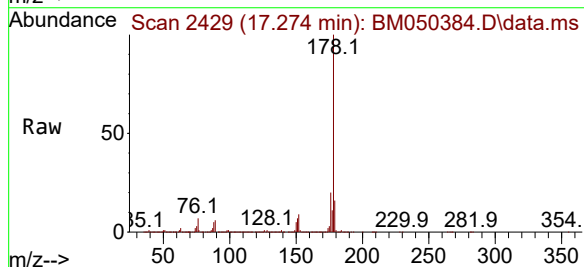
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

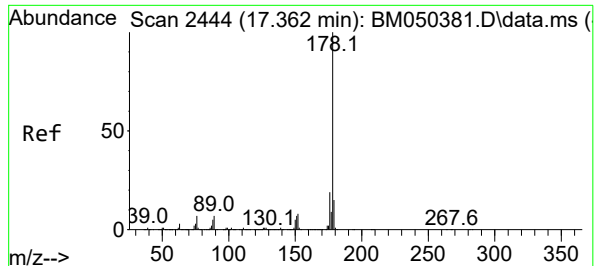
Tgt Ion:266 Resp: 1425059
Ion Ratio Lower Upper
266 100
268 64.4 50.5 75.7
264 63.1 49.9 74.9



#71
Phenanthrene
Concen: 80.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:178 Resp: 8893346
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.5 18.7

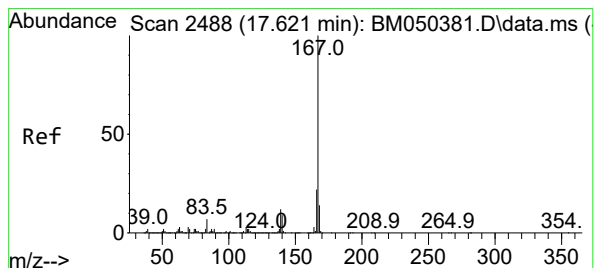
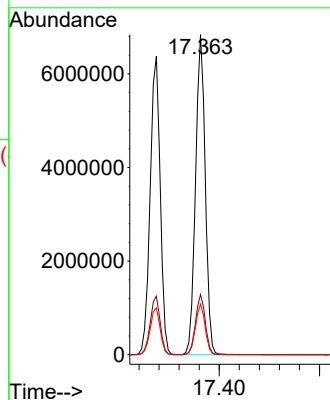
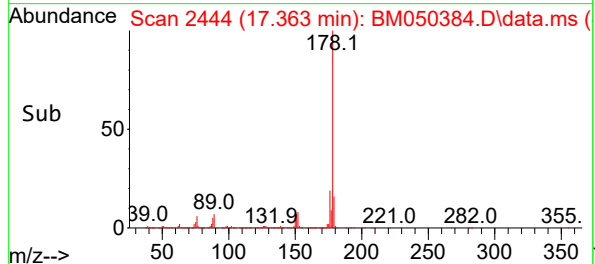
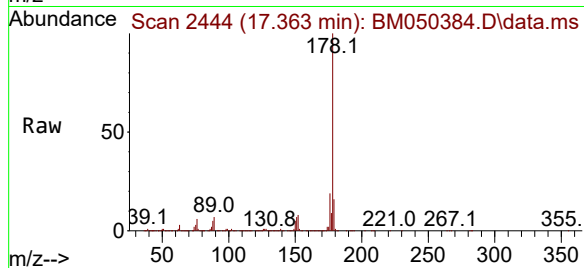




#72
Anthracene
Concen: 83.709 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

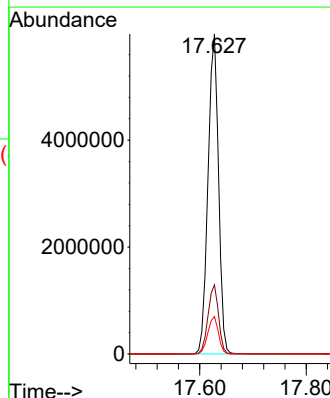
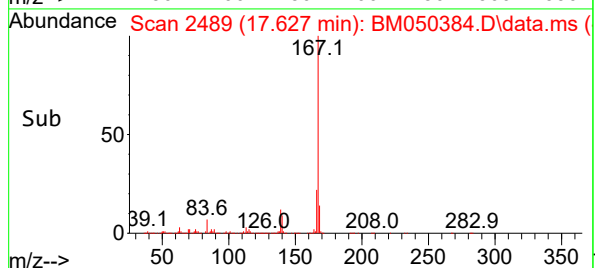
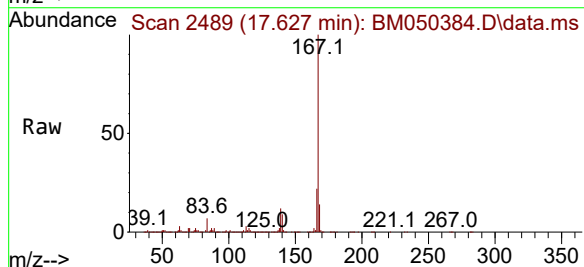
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

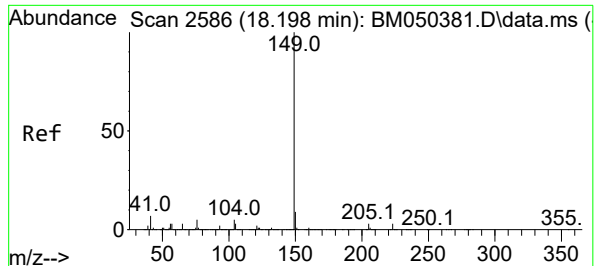
Tgt Ion:178 Resp: 9167986
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.8 12.2 18.4



#73
Carbazole
Concen: 82.547 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:167 Resp: 8180242
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 11.7 9.9 14.9

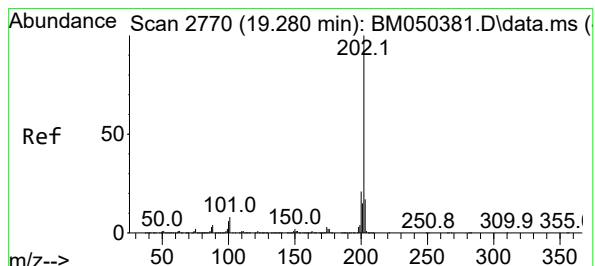
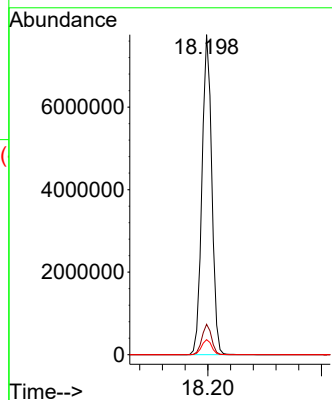
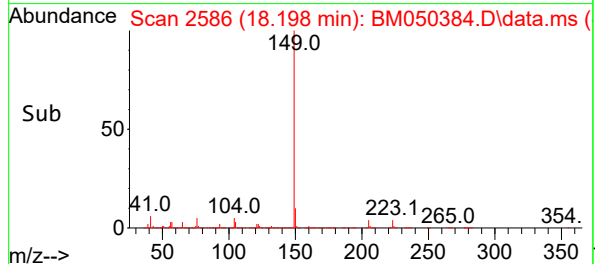
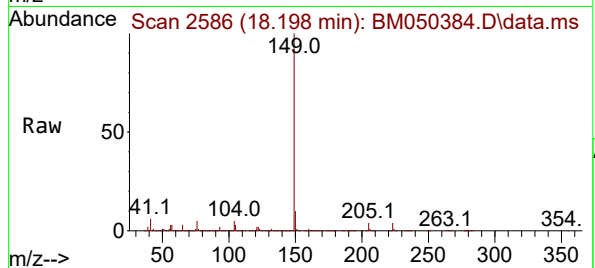




#74
Di-n-butylphthalate
Concen: 85.749 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

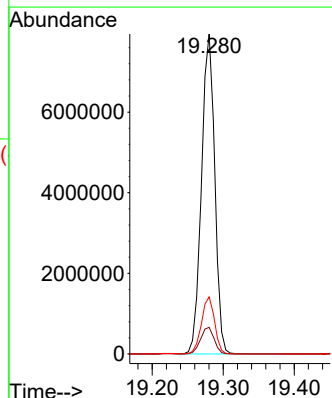
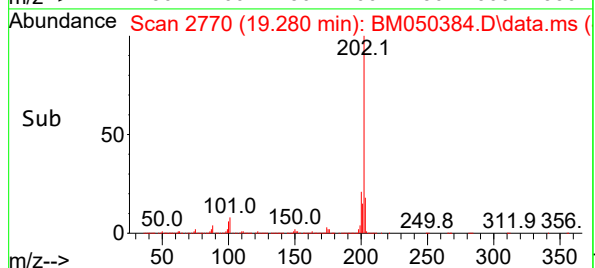
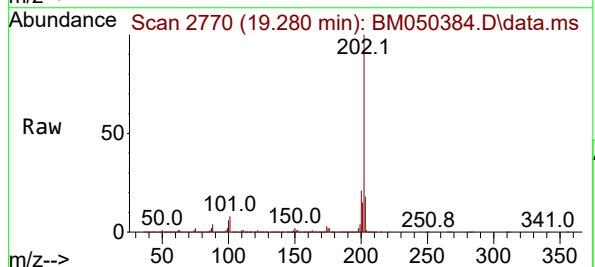
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

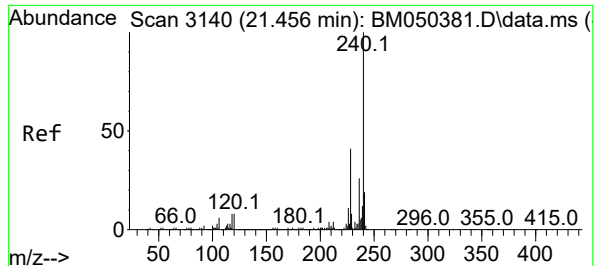
Tgt Ion:149 Resp: 9300935
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 4.7 3.9 5.9



#75
Fluoranthene
Concen: 86.256 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:202 Resp:10317307
Ion Ratio Lower Upper
202 100
101 8.3 0.0 28.3
203 17.9 0.0 37.2

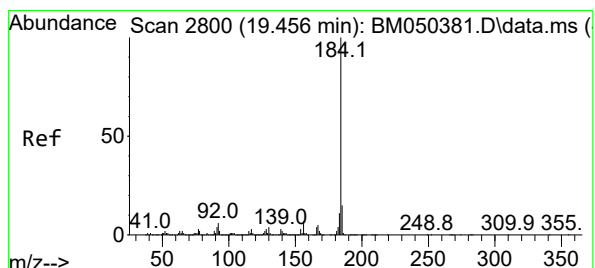
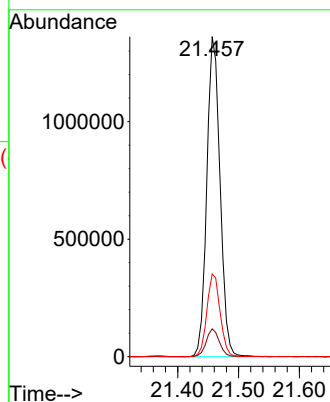
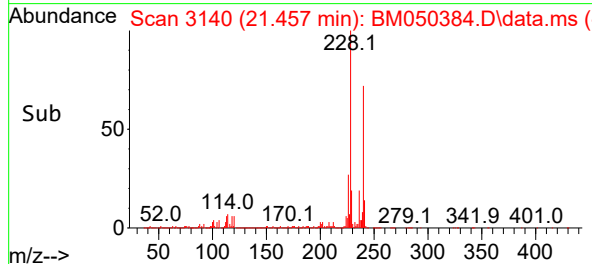
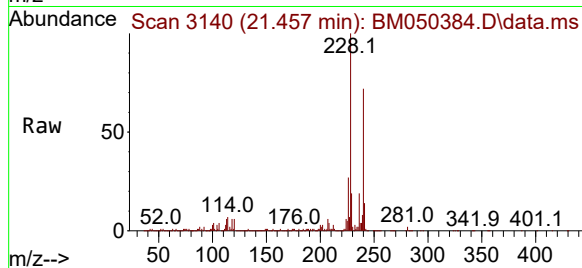




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

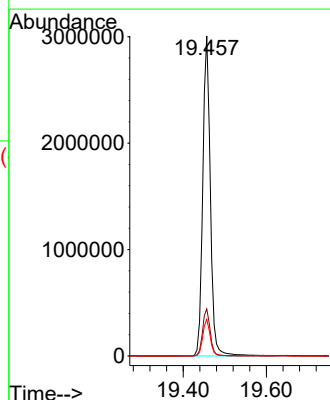
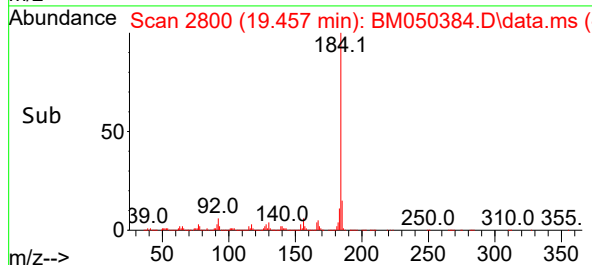
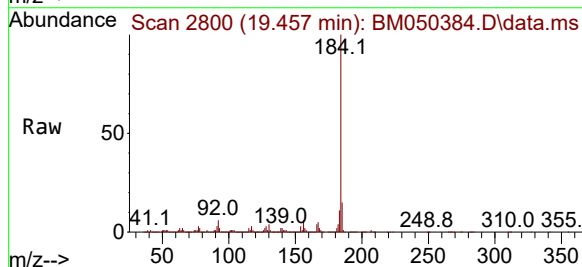
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

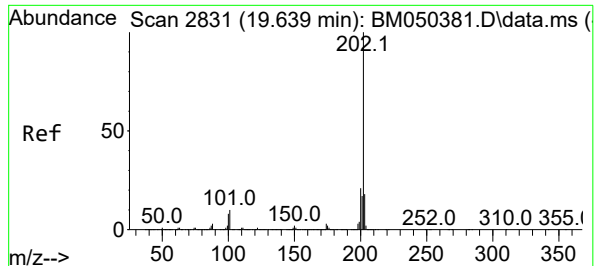
Tgt Ion:240 Resp: 2055292
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 25.8 20.7 31.1



#77
Benzidine
Concen: 72.819 ng
RT: 19.457 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:184 Resp: 3817410
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.4 9.0 13.6

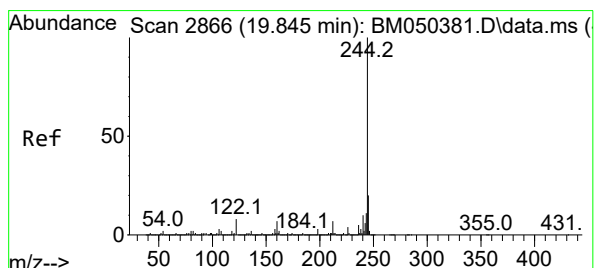
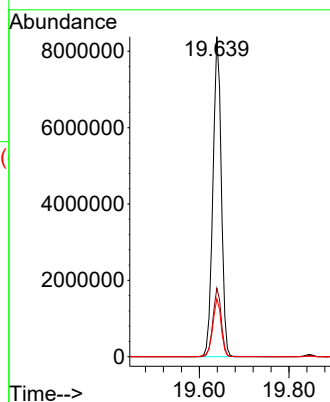
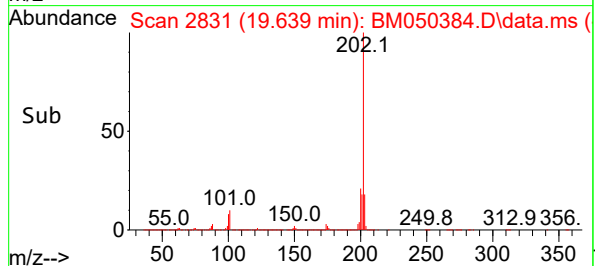
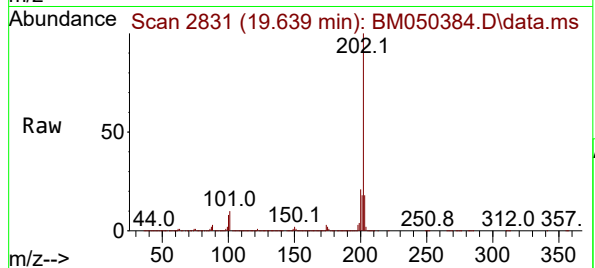




#78
Pyrene
Concen: 82.185 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

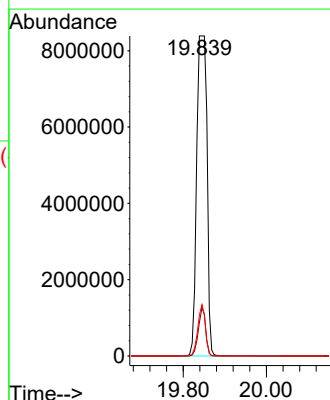
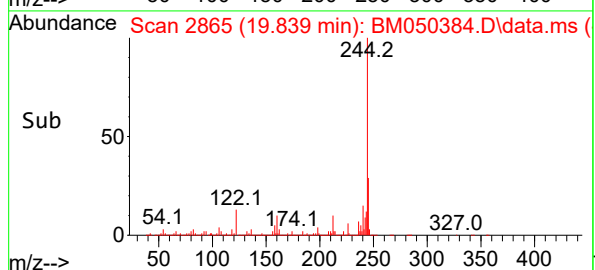
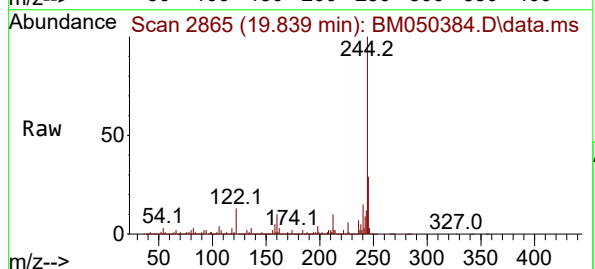
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

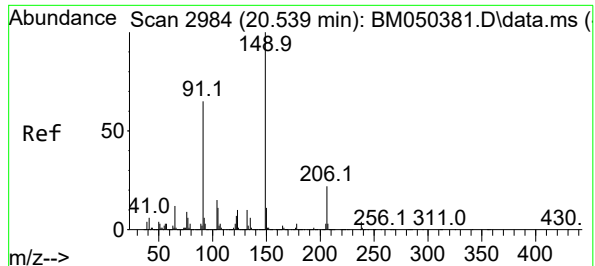
Tgt Ion:202 Resp:10818153
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.1 14.1 21.1



#79
Terphenyl-d14
Concen: 123.577 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:244 Resp:14435460
Ion Ratio Lower Upper
244 100
212 10.5 5.7 8.5#
122 12.8 6.2 9.2#

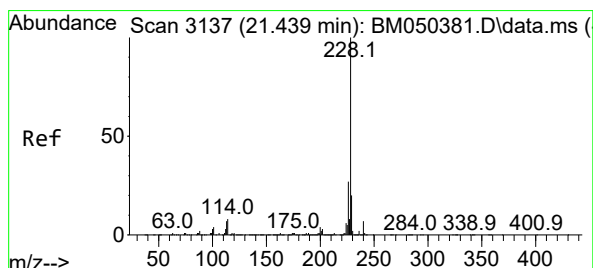
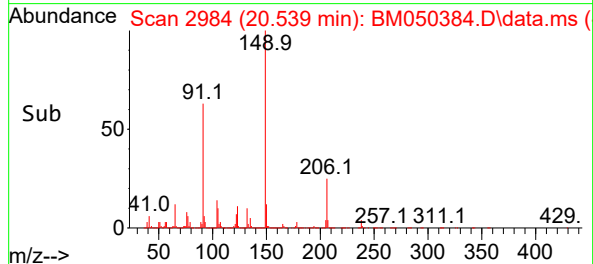
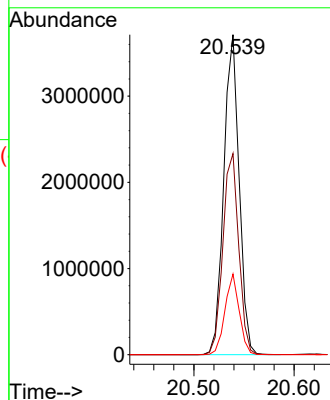
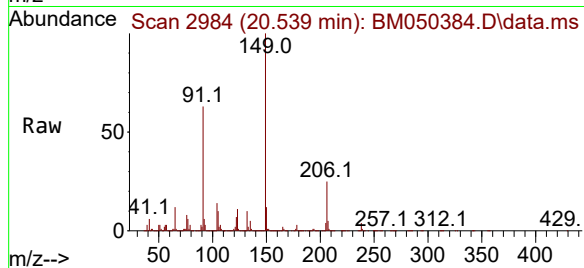




#80
Butylbenzylphthalate
Concen: 90.734 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

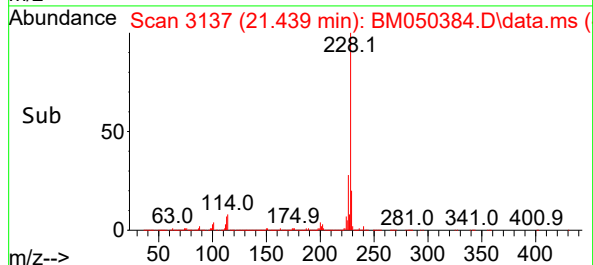
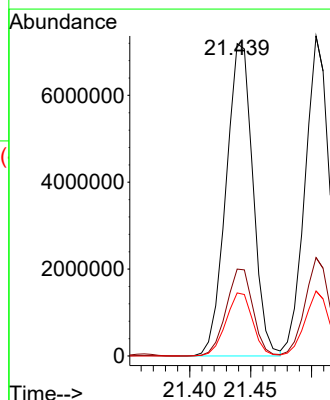
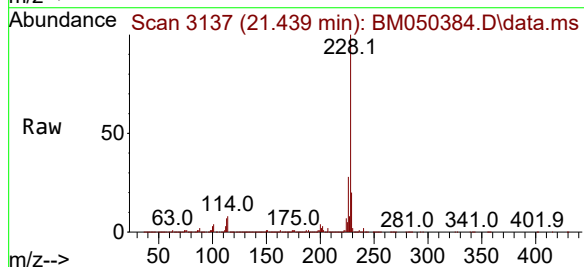
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

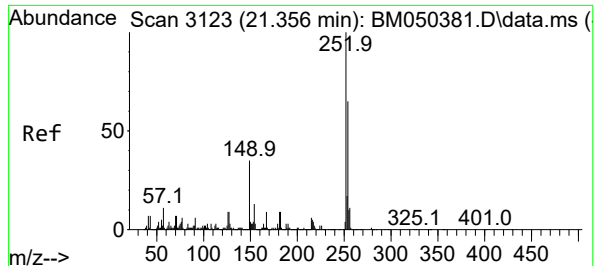
Tgt Ion:149 Resp: 3938114
Ion Ratio Lower Upper
149 100
91 62.9 51.6 77.4
206 25.2 17.8 26.8



#81
Benzo(a)anthracene
Concen: 82.558 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:11055858
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.2 16.0 24.0

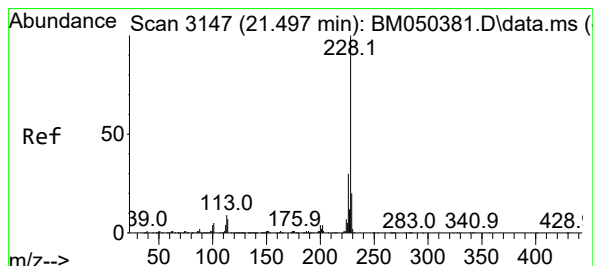
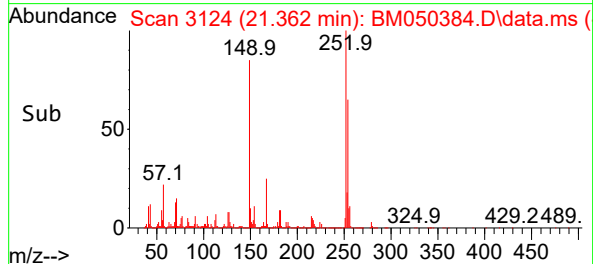
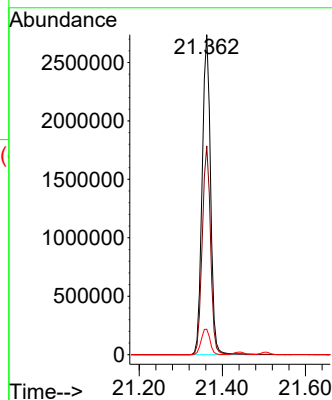
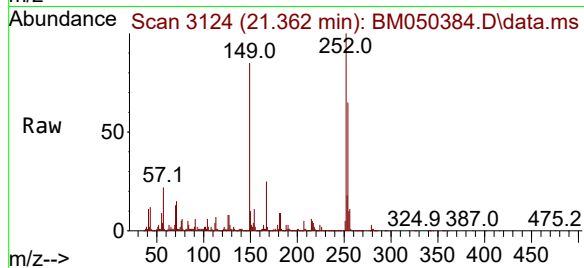




#82
3,3'-Dichlorobenzidine
Concen: 84.699 ng
RT: 21.362 min Scan# 3123
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

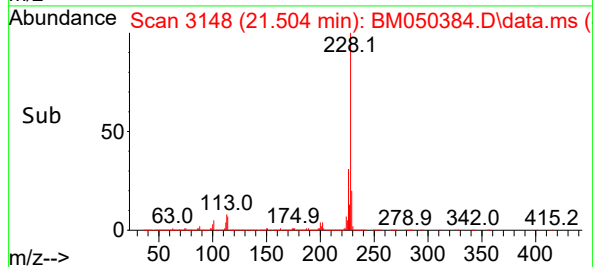
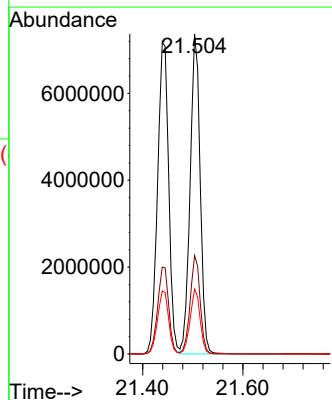
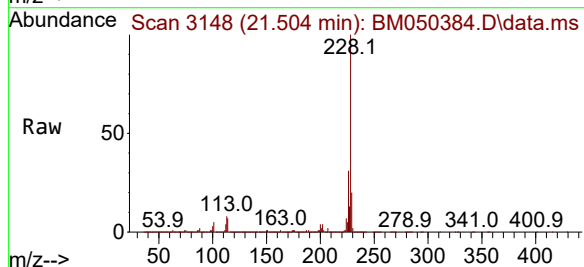
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

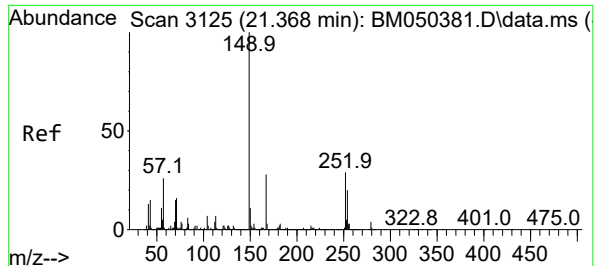
Tgt Ion:252 Resp: 3825108
Ion Ratio Lower Upper
252 100
254 65.3 51.7 77.5
126 8.0 7.3 10.9



#83
Chrysene
Concen: 81.310 ng
RT: 21.504 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:10270454
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.3 15.8 23.6

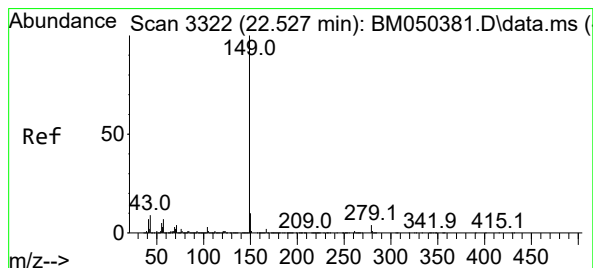
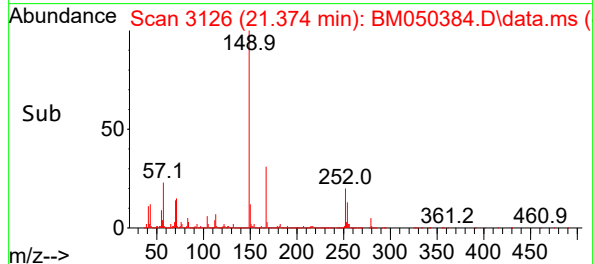
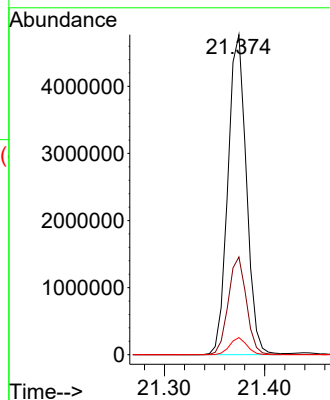
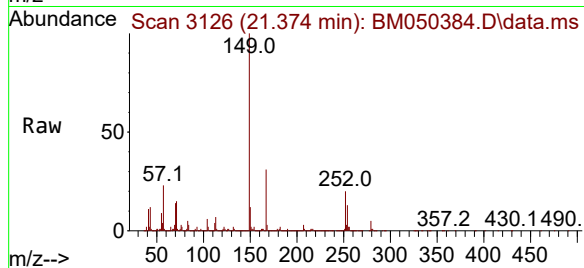




#84
Bis(2-ethylhexyl)phthalate
Concen: 88.540 ng
RT: 21.374 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

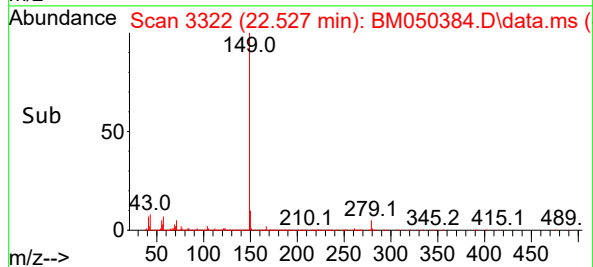
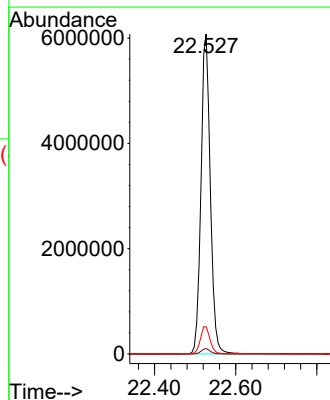
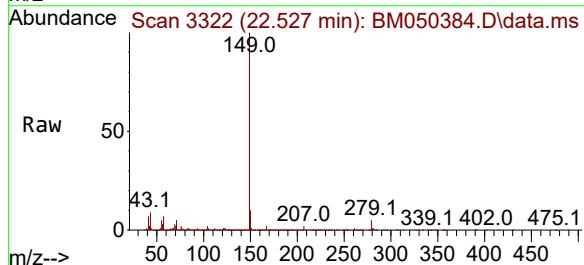
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

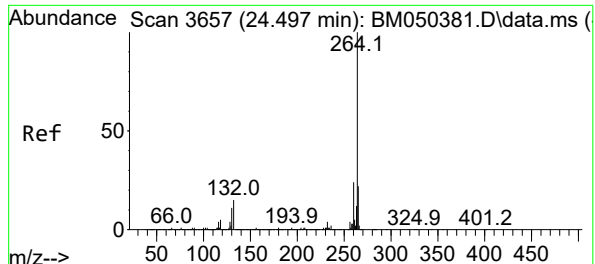
Tgt Ion:149 Resp: 6100517
Ion Ratio Lower Upper
149 100
167 30.5 22.7 34.1
279 5.4 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 90.093 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:149 Resp: 9722259
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.7 11.5

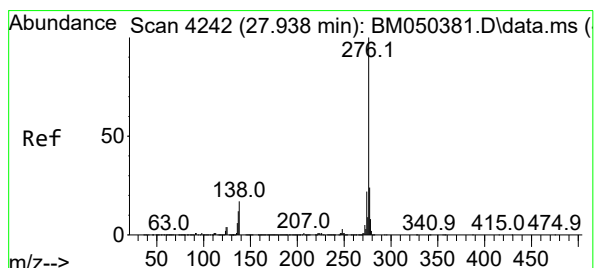
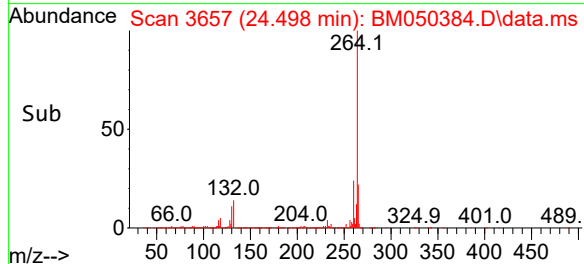
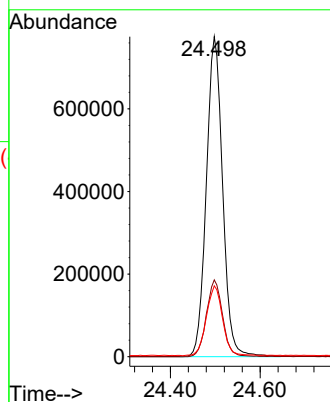
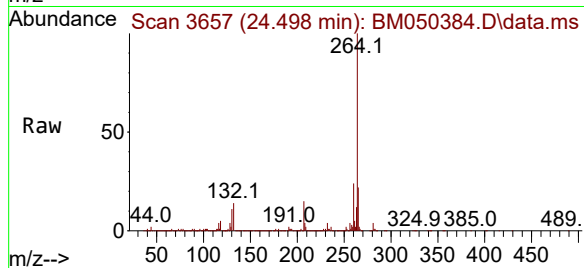




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

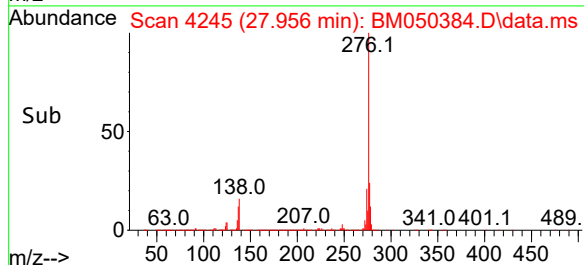
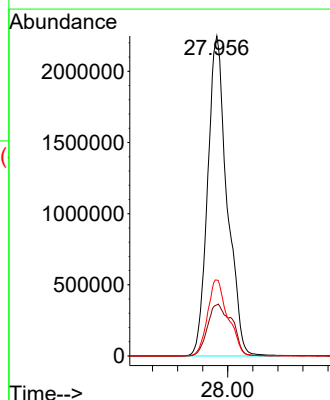
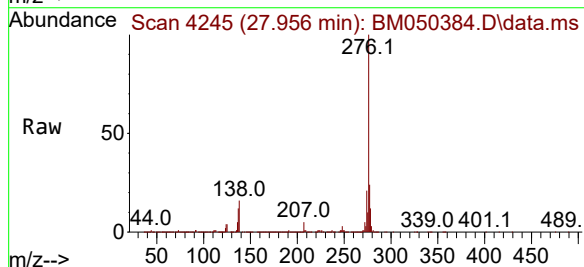
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

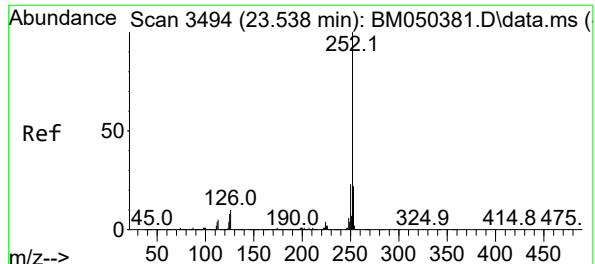
Tgt Ion:264 Resp: 1953481
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.8 26.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 87.270 ng
RT: 27.956 min Scan# 4245
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:276 Resp:12120915
Ion Ratio Lower Upper
276 100
138 20.4 17.0 25.6
277 25.1 20.0 30.0

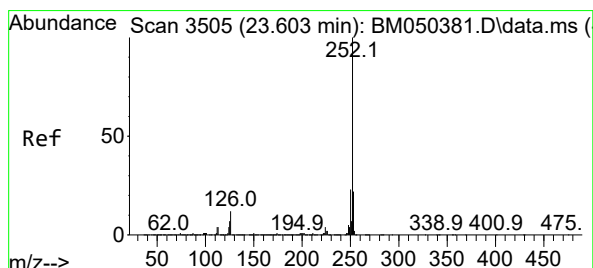
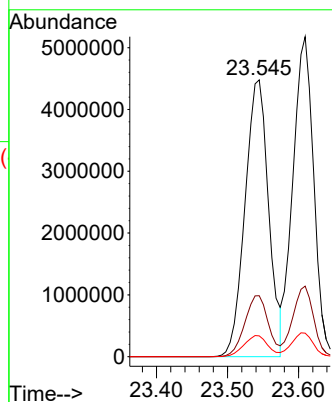
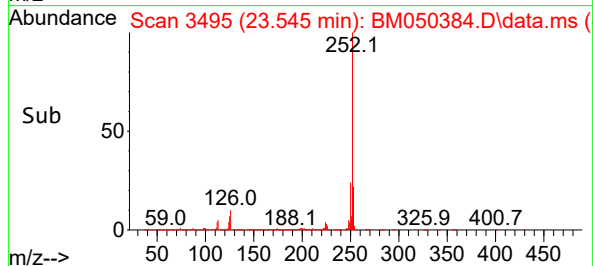
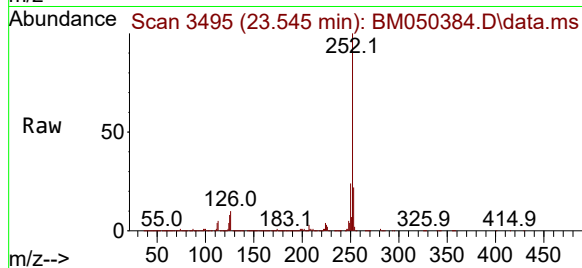




#88
Benzo(b)fluoranthene
Concen: 86.316 ng
RT: 23.545 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

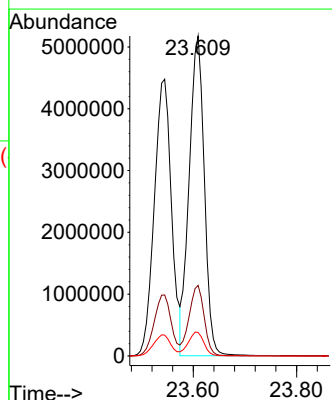
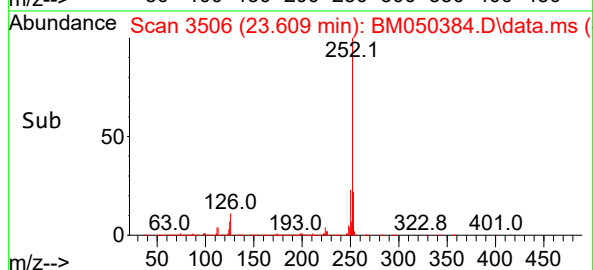
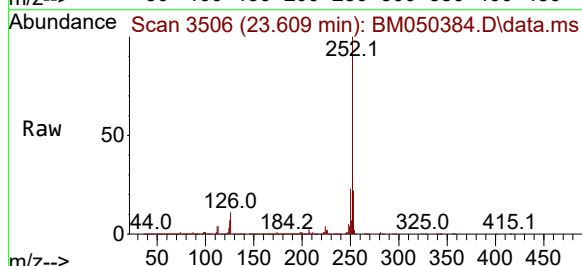
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

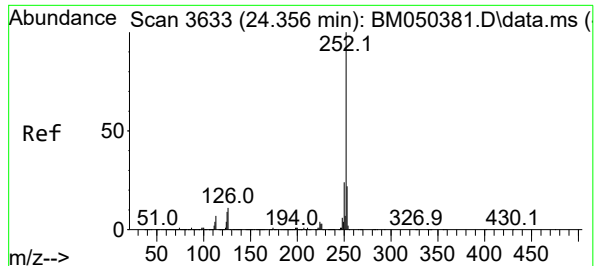
Tgt Ion:252 Resp:10371642
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 7.5 6.3 9.5



#89
Benzo(k)fluoranthene
Concen: 84.592 ng
RT: 23.609 min Scan# 3506
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:252 Resp:10546917
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 7.3 6.2 9.2

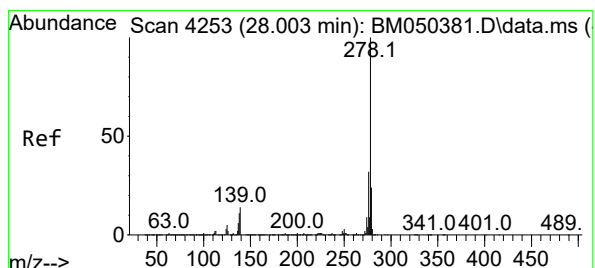
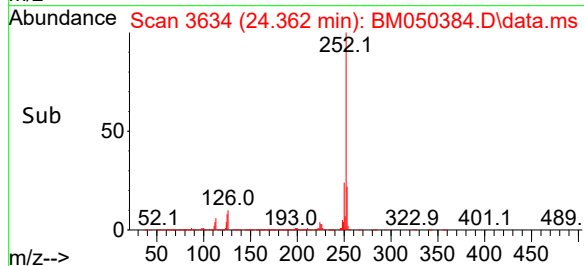
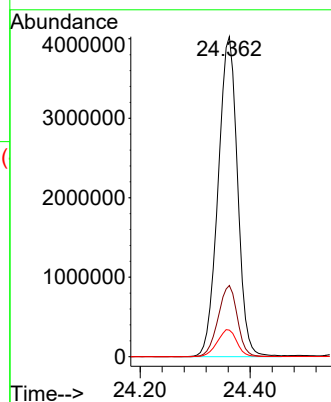
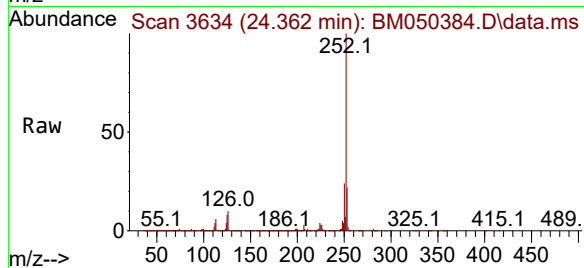




#90
Benzo(a)pyrene
Concen: 87.833 ng
RT: 24.362 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

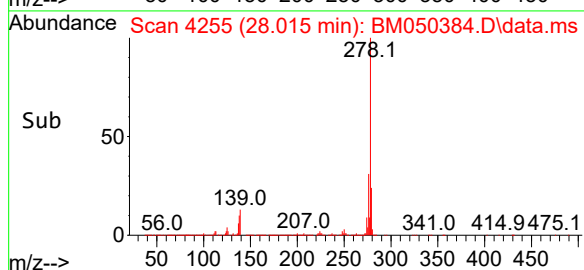
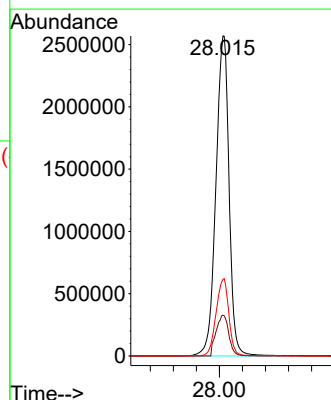
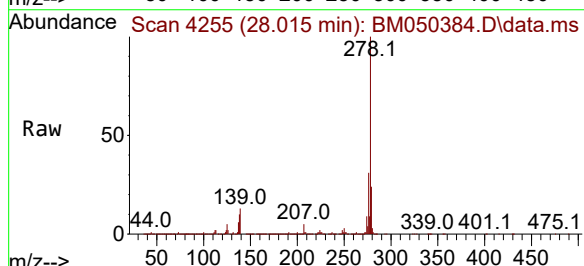
Instrument :
BNA_M
ClientSampleId :
SSTDICC080

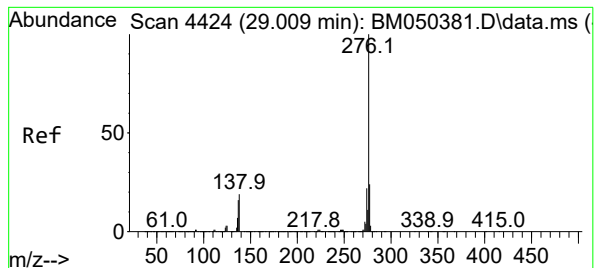
Tgt Ion:252 Resp: 9879526
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.3 7.0 10.4



#91
Dibenzo(a,h)anthracene
Concen: 86.905 ng
RT: 28.015 min Scan# 4255
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:278 Resp:10165335
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 24.0 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 85.979 ng

RT: 29.027 min Scan# 44

Delta R.T. 0.018 min

Lab File: BM050384.D

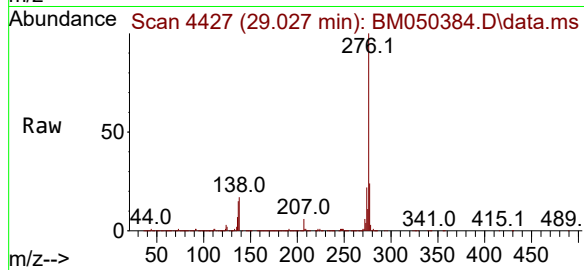
Acq: 08 Jul 2025 17:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC080



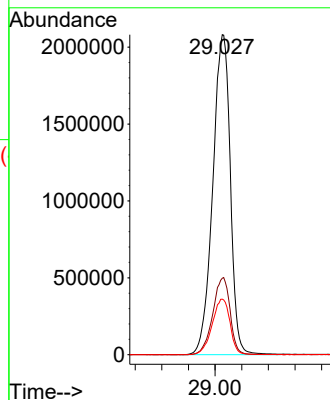
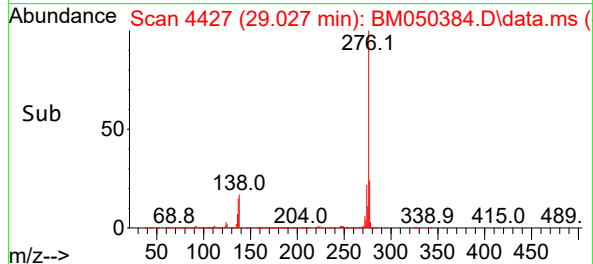
Tgt Ion:276 Resp: 9504954

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.4 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	404345	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng	0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng	0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng	0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng	0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng	99
3) Pyridine	3.734	79	1042715	41.118	ng	98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng	99
6) Aniline	7.187	93	1617701	42.568	ng	100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng	98
9) Benzaldehyde	6.998	77	799316m	45.376	ng	
10) Phenol	7.051	94	1300713	42.114	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng	98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng	97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng	99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng	99
17) 2-Methylphenol	8.298	107	855883	42.726	ng	99
18) Hexachloroethane	8.951	117	453255	41.906	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng	97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng	99
22) Acetophenone	8.686	105	1643199	42.290	ng	# 97
24) Nitrobenzene	9.063	77	1137842	41.860	ng	98
25) Isophorone	9.592	82	2120872	42.909	ng	99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng	97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng	98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng	100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng	99
31) Naphthalene	10.716	128	3258495	41.281	ng	99
32) Benzoic acid	9.951	122	593935	41.913	ng	97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng	99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng	99
35) Caprolactam	11.586	113	285315	43.156	ng	92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng	100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng	99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng	100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng	99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/09/2025
 Supervised By :Jagrut Upadhyay 07/09/2025

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025

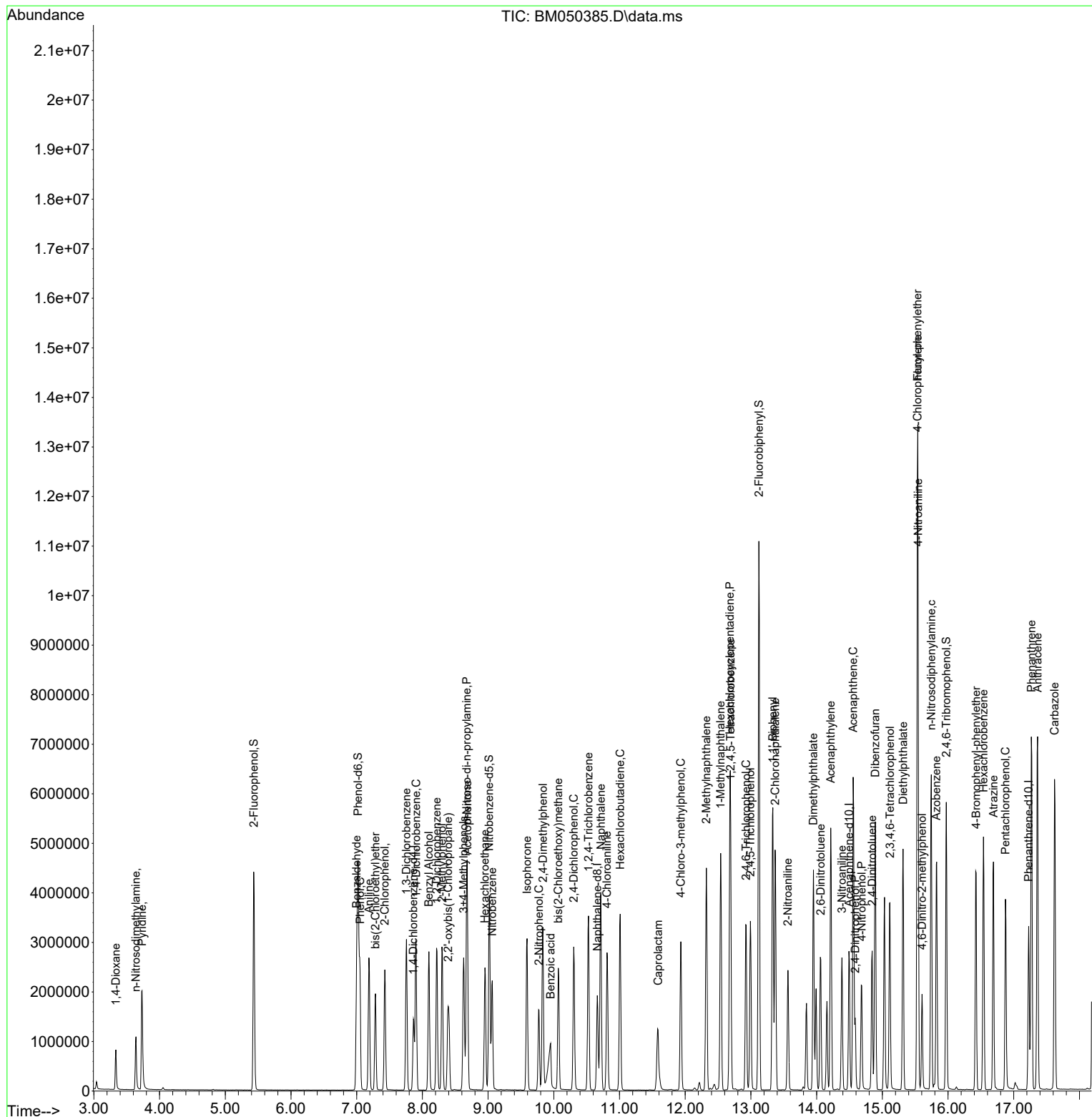
Quant Time: Jul 09 01:17:58 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 08 18:32:25 2025

Response via : Initial Calibration



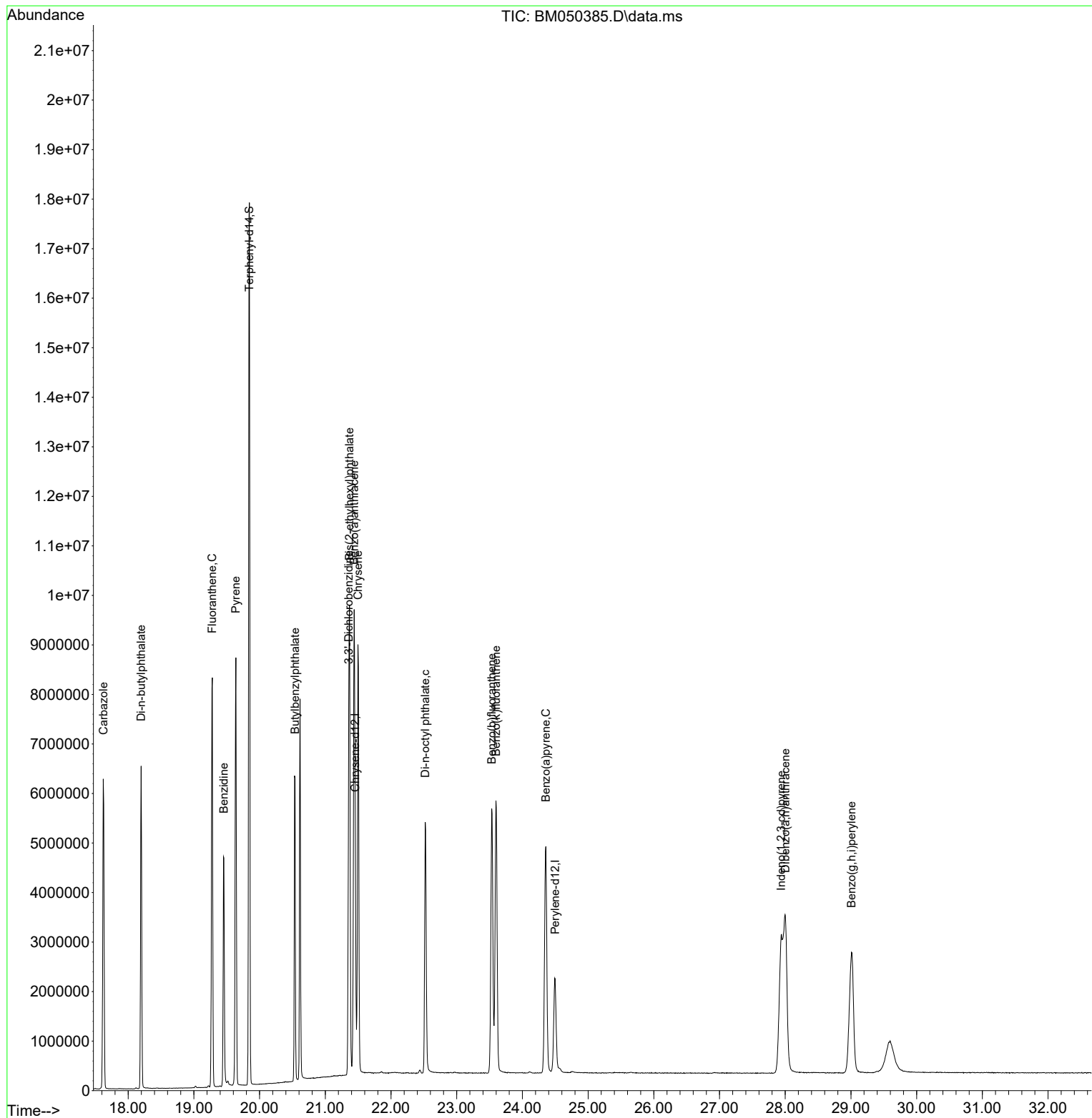
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Misc :
ALS Vial : 10 Sample Multiplier: 1

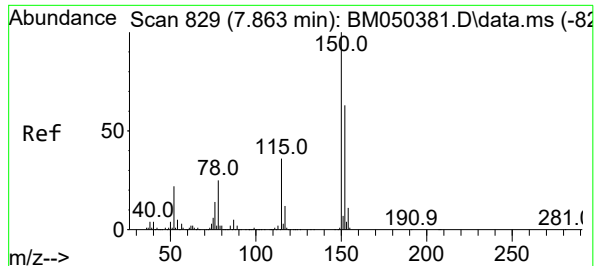
Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

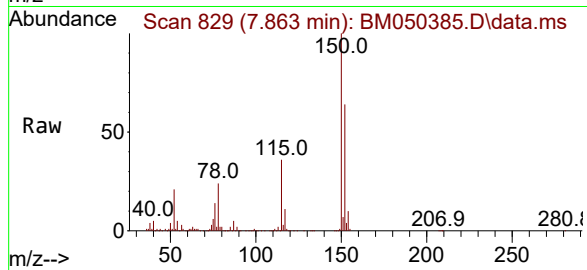
Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

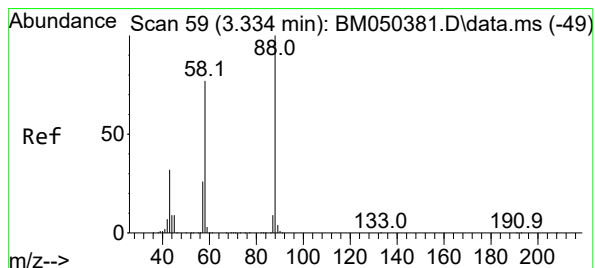
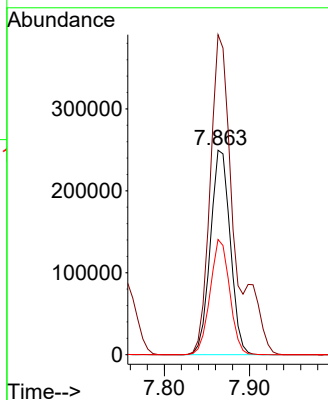
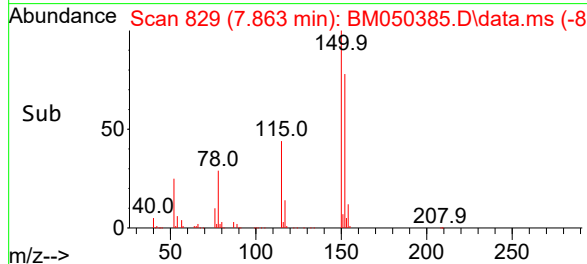
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:152 Resp: 40434
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 56.3 45.8 68.8

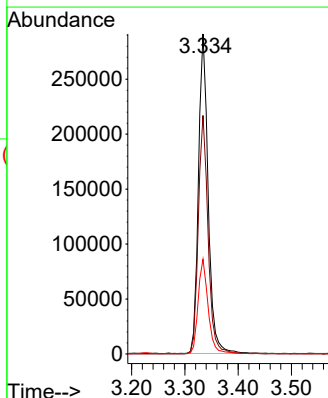
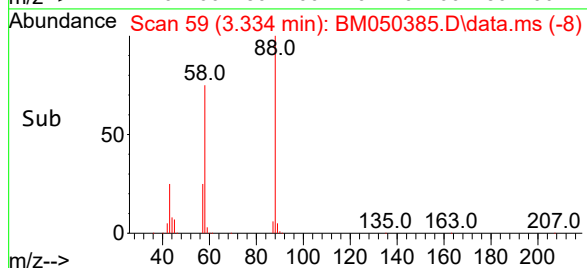
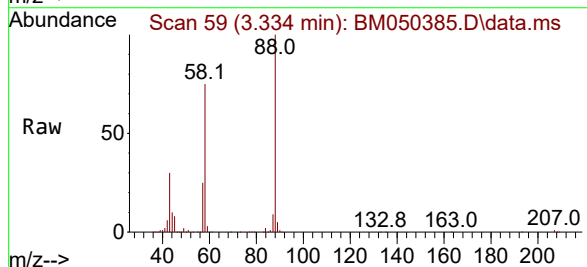
Manual Integrations
APPROVED

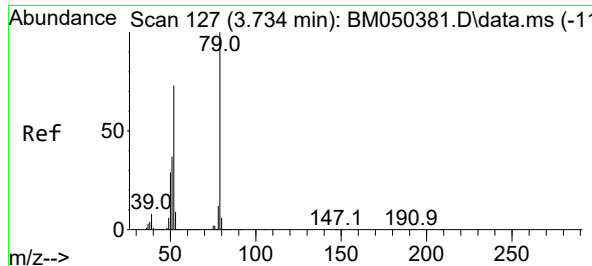
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#2
1,4-Dioxane
Concen: 37.994 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

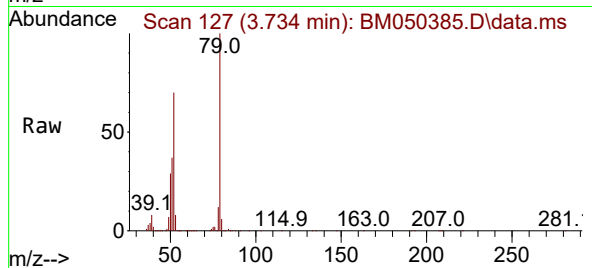
Tgt Ion: 88 Resp: 366994
Ion Ratio Lower Upper
88 100
58 75.3 61.0 91.6
43 30.2 24.6 37.0





#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

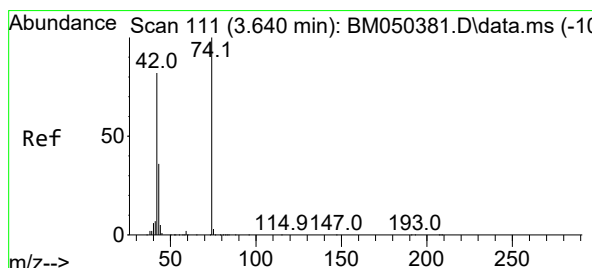
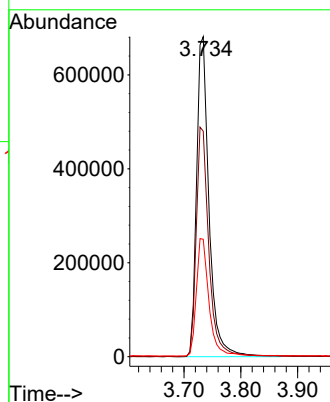
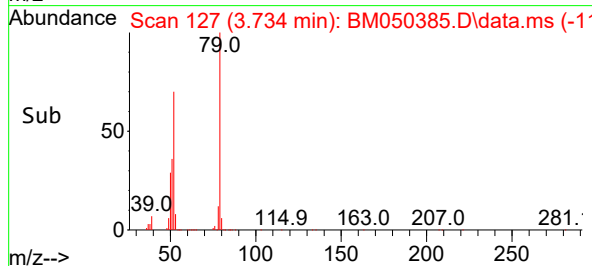
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion: 79 Resp: 1042715
Ion Ratio Lower Upper
79 100
52 70.5 58.3 87.5
51 36.7 29.6 44.4

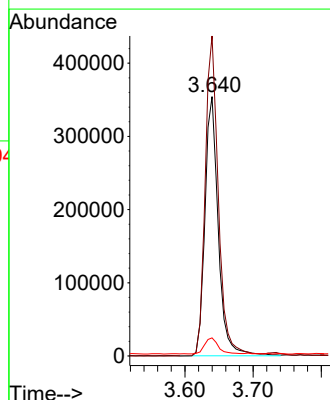
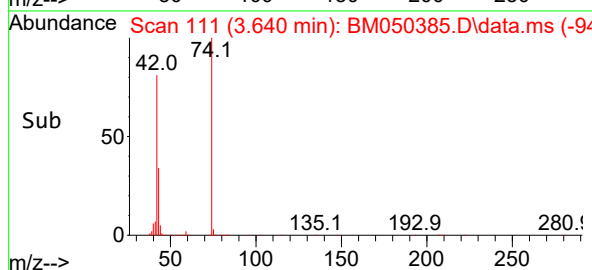
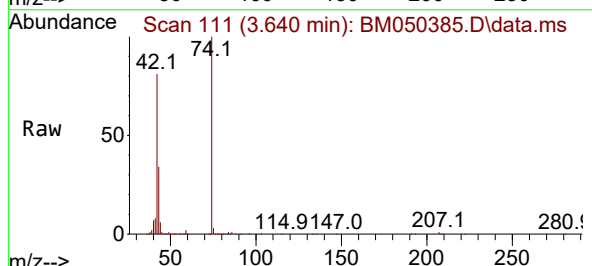
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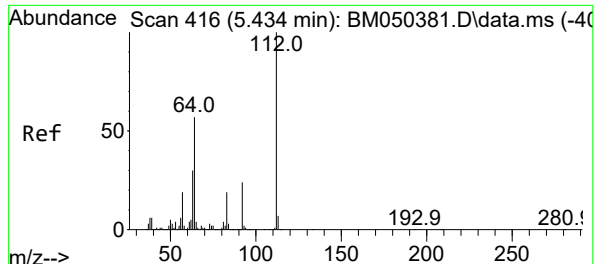
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 42 Resp: 482767
Ion Ratio Lower Upper
42 100
74 123.4 97.5 146.3
44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 79.859 ng

RT: 5.434 min Scan# 416

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:112 Resp: 1875929

Ion Ratio Lower Upper

112 100

64 56.1 45.5 68.3

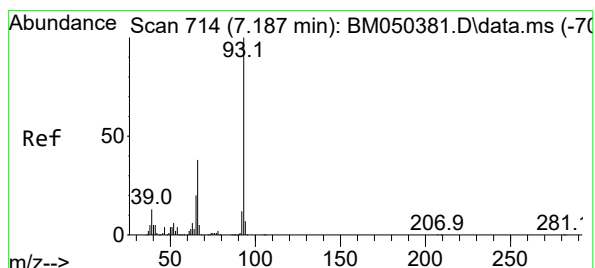
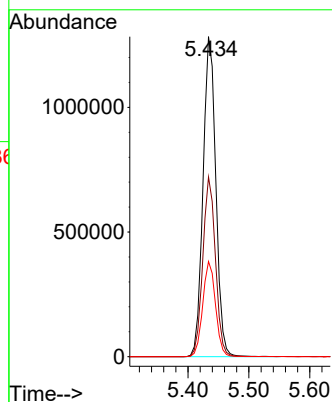
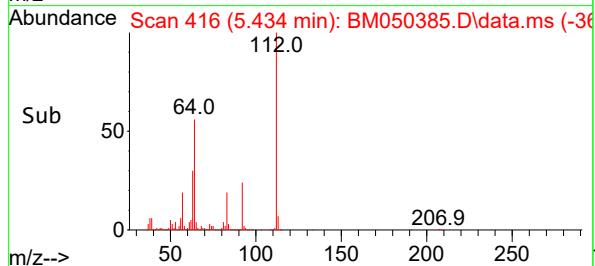
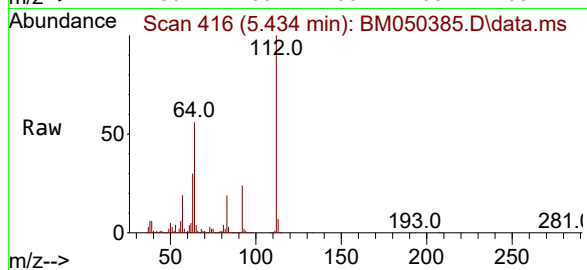
63 29.8 24.2 36.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#6

Aniline

Concen: 42.568 ng

RT: 7.187 min Scan# 714

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

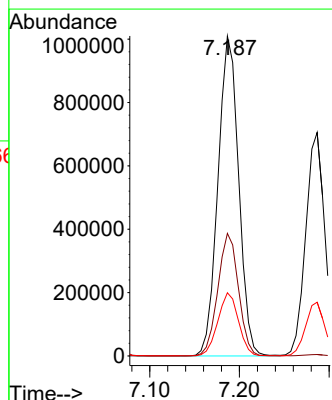
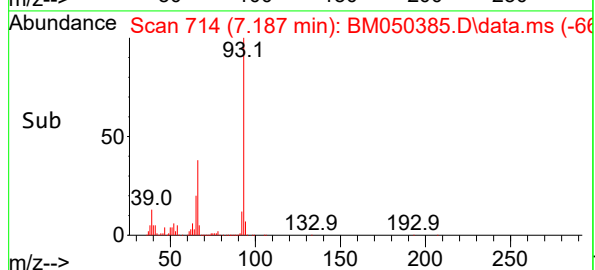
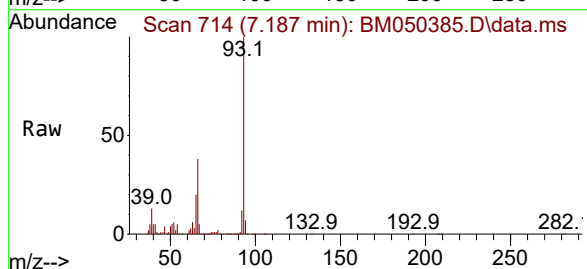
Tgt Ion: 93 Resp: 1617701

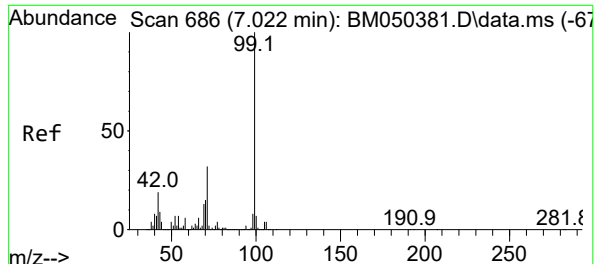
Ion Ratio Lower Upper

93 100

66 38.3 30.5 45.7

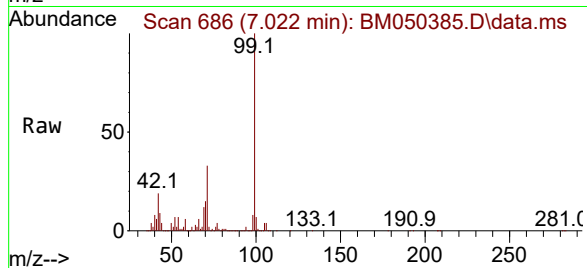
65 19.7 15.9 23.9





#7
Phenol-d6
Concen: 80.660 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

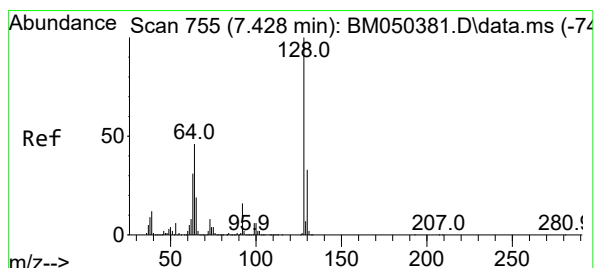
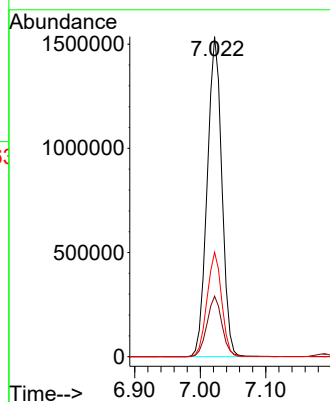
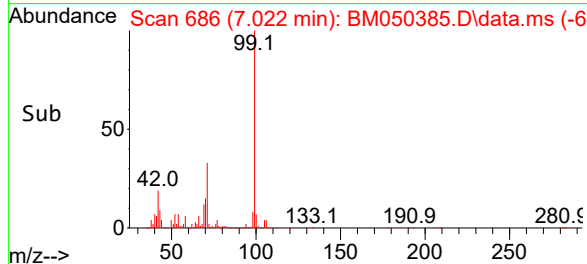
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion: 99 Resp: 2388524
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 32.6 25.9 38.9

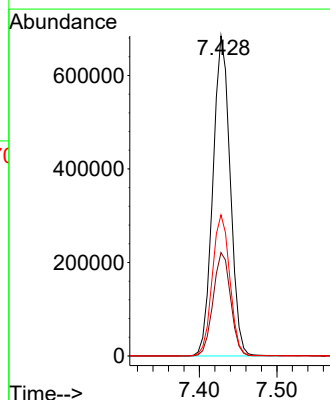
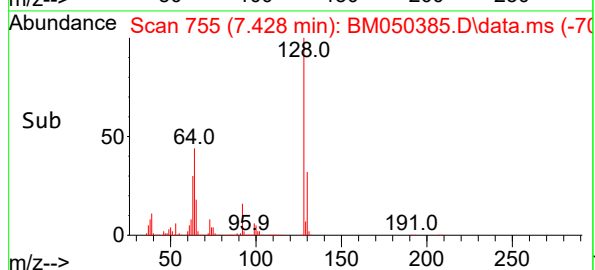
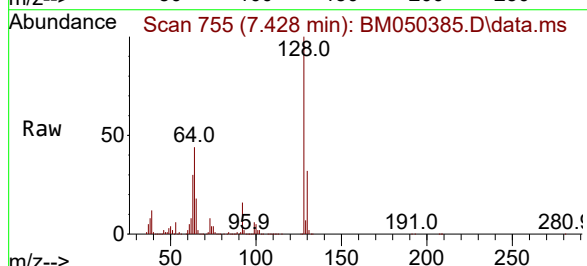
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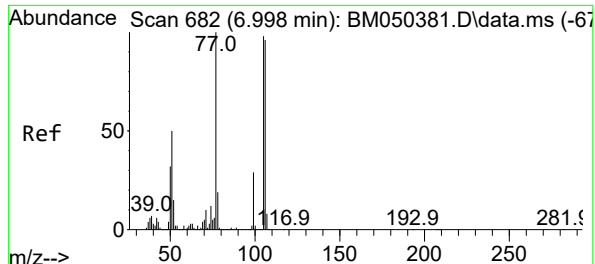
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#8
2-Chlorophenol
Concen: 42.935 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

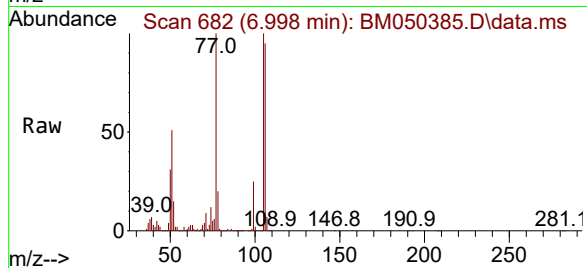
Tgt Ion:128 Resp: 1063478
Ion Ratio Lower Upper
128 100
130 32.3 13.3 53.3
64 44.1 25.6 65.6





#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

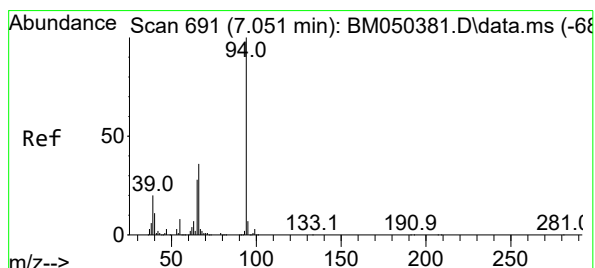
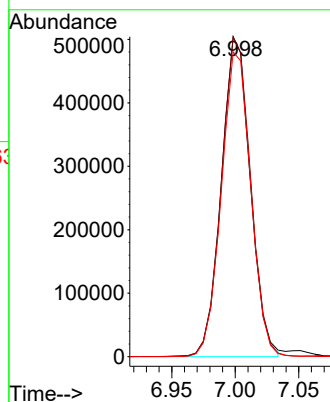
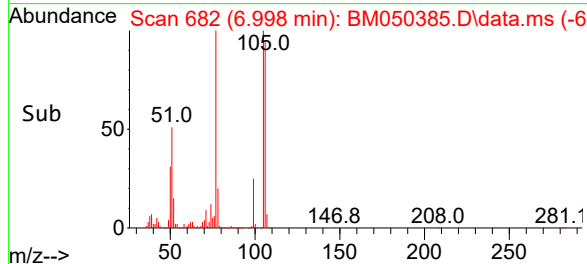
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion: 77 Resp: 799310
Ion Ratio Lower Upper
77 100
105 99.8 78.4 118.4
106 95.2 76.3 116.3

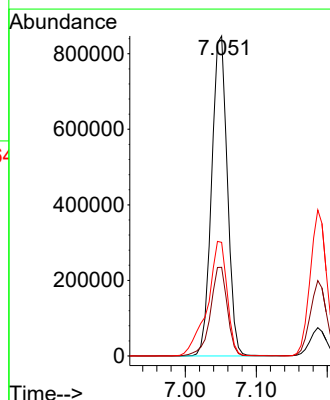
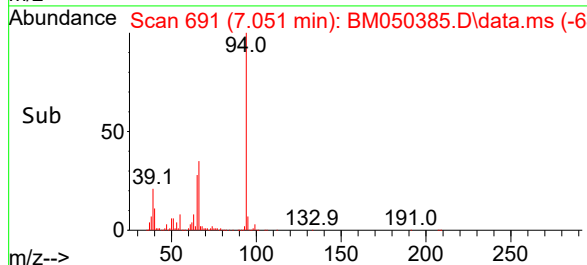
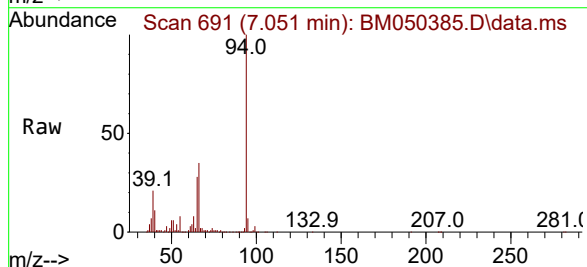
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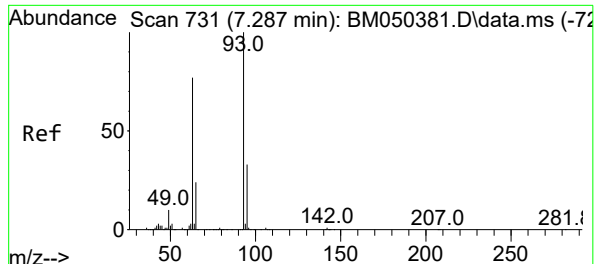
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713
Ion Ratio Lower Upper
94 100
65 27.7 8.1 48.1
66 35.5 15.8 55.8





#11

bis(2-Chloroethyl)ether

Concen: 42.240 ng

RT: 7.287 min Scan# 731

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 93 Resp: 104480

Ion Ratio Lower Upper

93 100

63 74.7 56.9 96.9

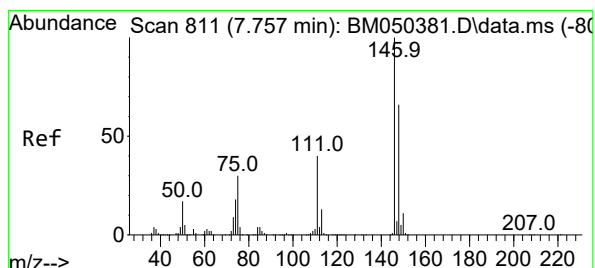
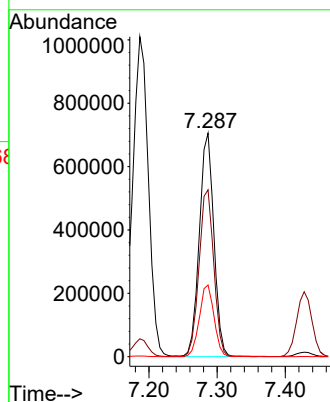
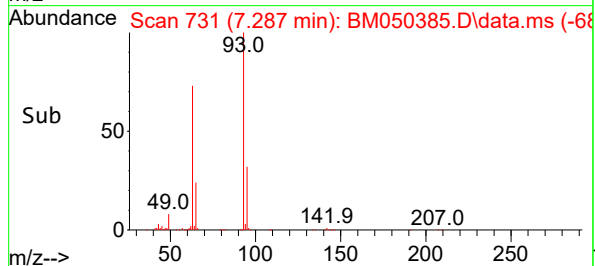
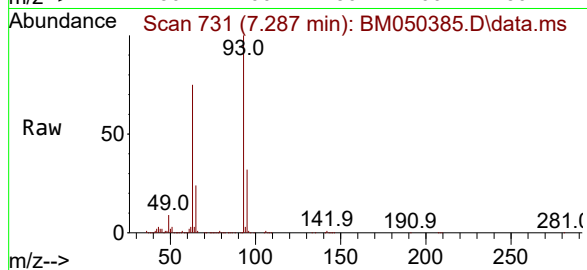
95 32.1 12.6 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#12

1,3-Dichlorobenzene

Concen: 41.848 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

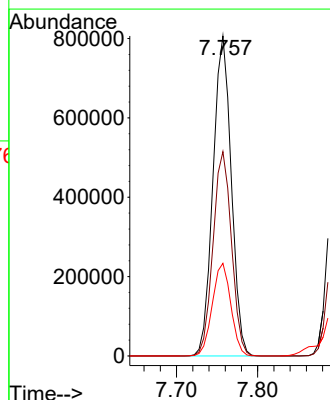
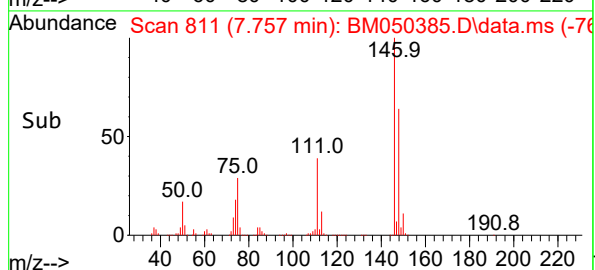
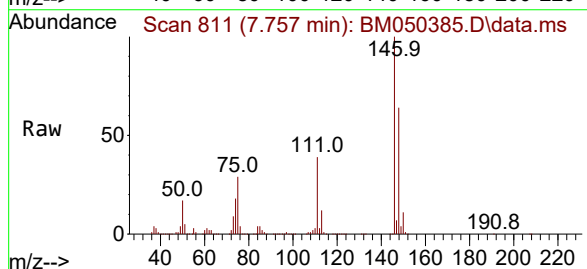
Tgt Ion:146 Resp: 1260411

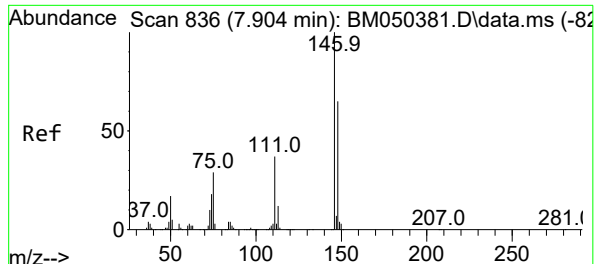
Ion Ratio Lower Upper

146 100

148 63.8 53.2 79.8

75 28.9 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 41.609 ng

RT: 7.904 min Scan# 836

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:146 Resp: 127965

Ion Ratio Lower Upper

146 100

148 65.3 51.9 77.9

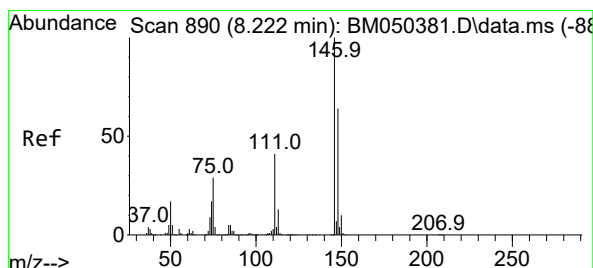
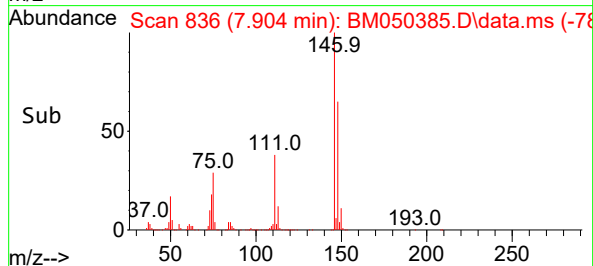
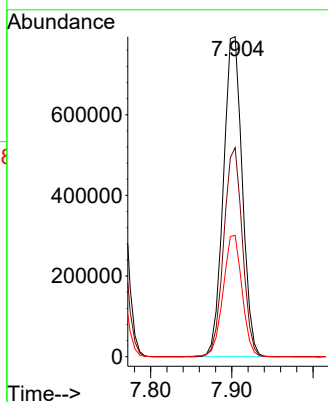
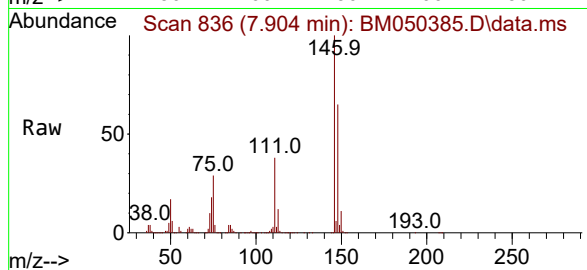
111 37.9 30.0 45.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#14

1,2-Dichlorobenzene

Concen: 41.478 ng

RT: 8.216 min Scan# 889

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

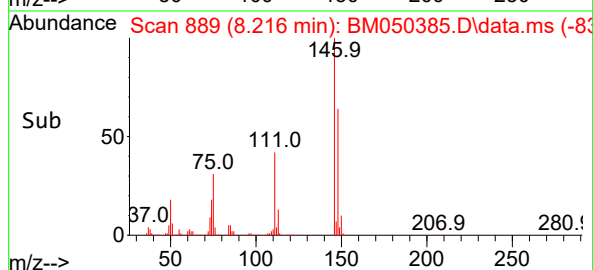
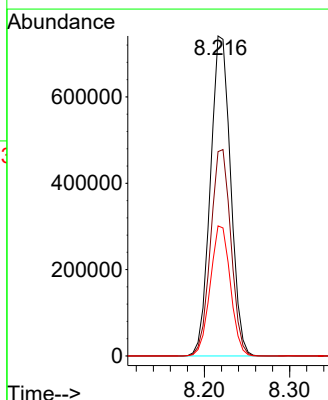
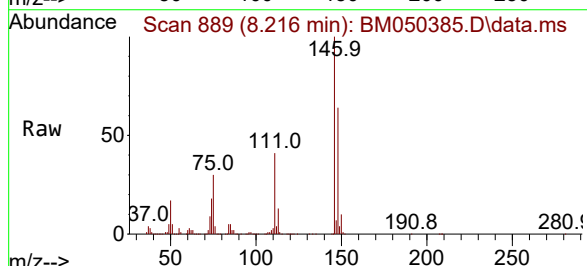
Tgt Ion:146 Resp: 1221241

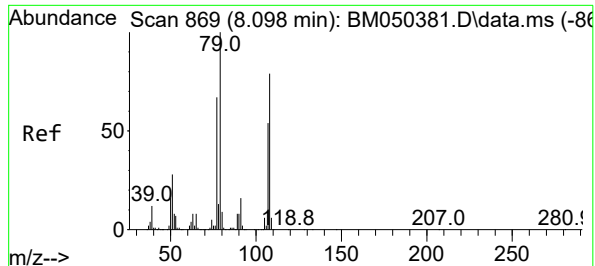
Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 40.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 42.555 ng

RT: 8.098 min Scan# 869

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 79 Resp: 887890

Ion Ratio Lower Upper

79 100

108 80.3 63.0 94.4

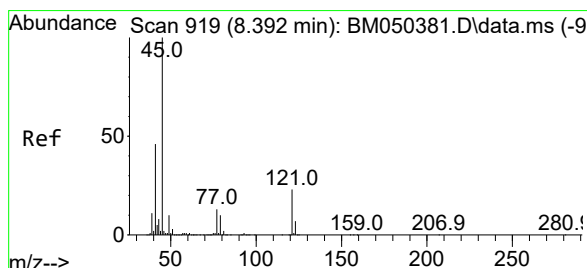
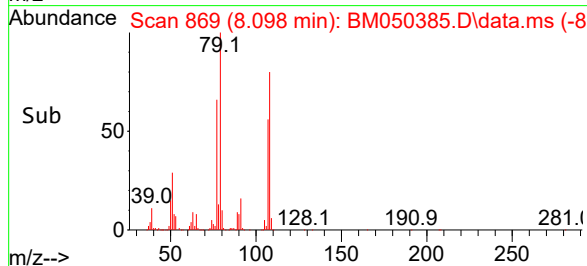
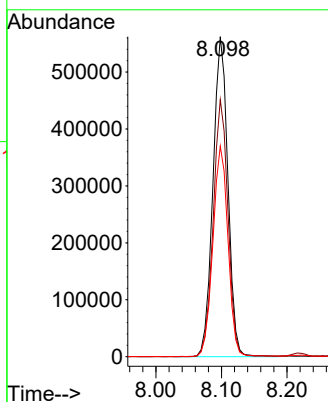
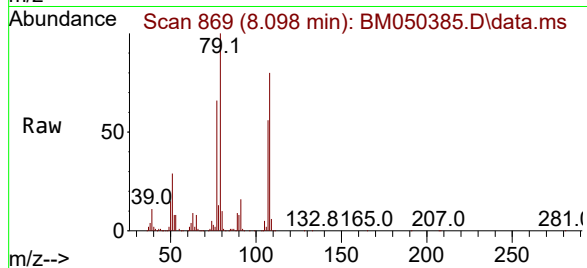
77 65.8 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.095 ng

RT: 8.392 min Scan# 919

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

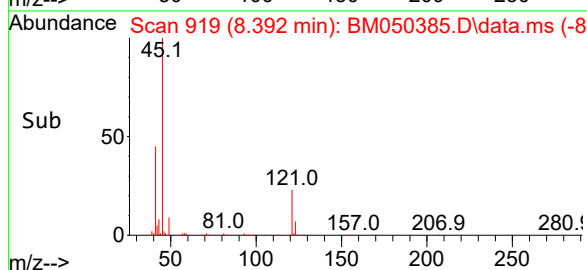
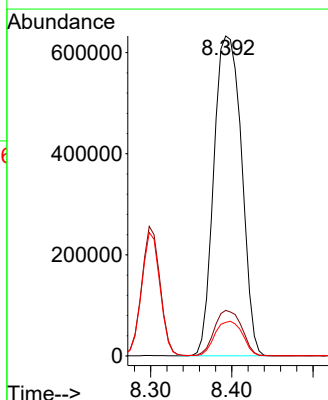
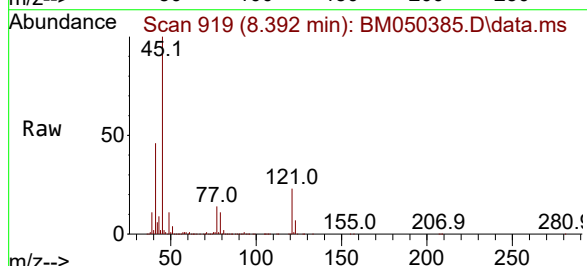
Tgt Ion: 45 Resp: 1497256

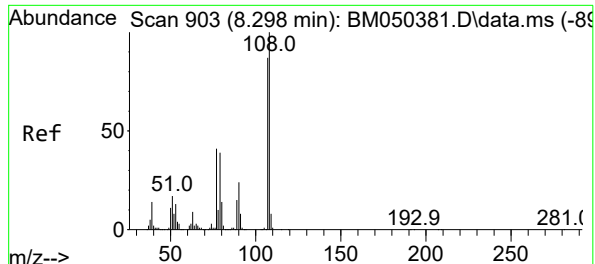
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.5

79 10.5 0.0 30.3





#17

2-Methylphenol

Concen: 42.726 ng

RT: 8.298 min Scan# 903

Delta R.T. 0.000 min

Lab File: BM050385.D

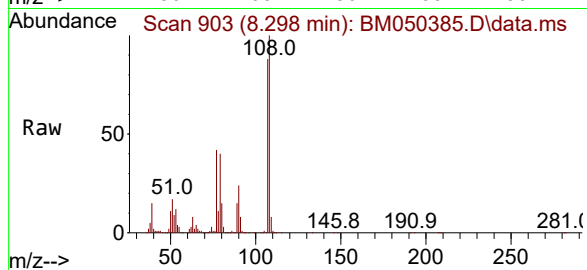
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925



Tgt Ion:107 Resp: 85588

Ion Ratio Lower Upper

107 100

108 113.4 92.1 138.1

77 47.6 38.2 57.4

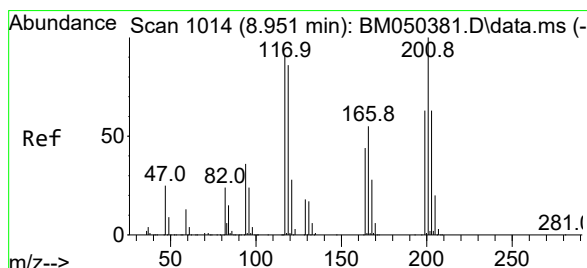
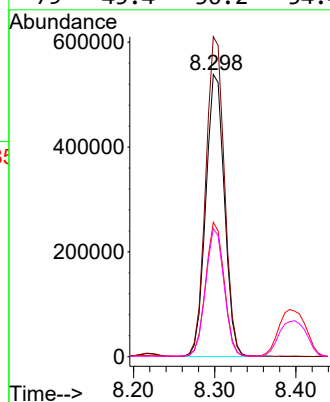
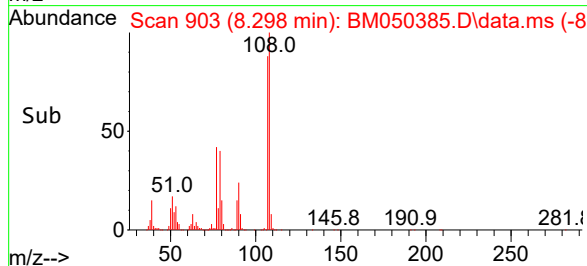
79 45.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#18

Hexachloroethane

Concen: 41.906 ng

RT: 8.951 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

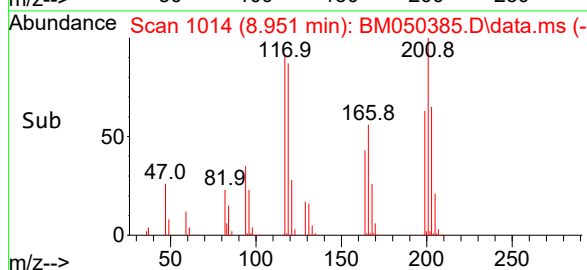
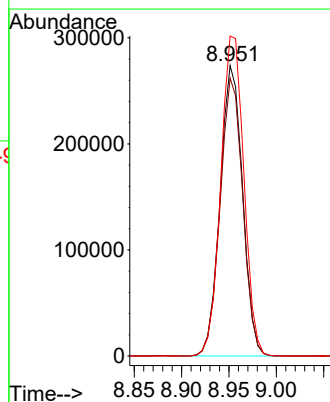
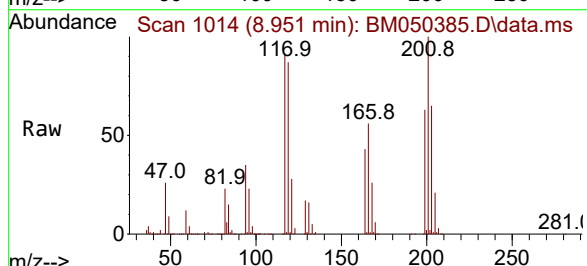
Tgt Ion:117 Resp: 453255

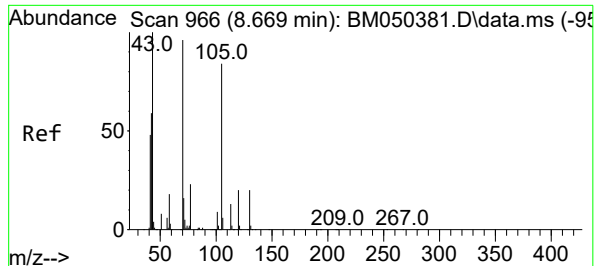
Ion Ratio Lower Upper

117 100

119 95.7 75.6 113.4

201 110.2 87.9 131.9





#19

n-Nitroso-di-n-propylamine

Concen: 44.168 ng

RT: 8.675 min Scan# 966

Delta R.T. 0.006 min

Lab File: BM050385.D

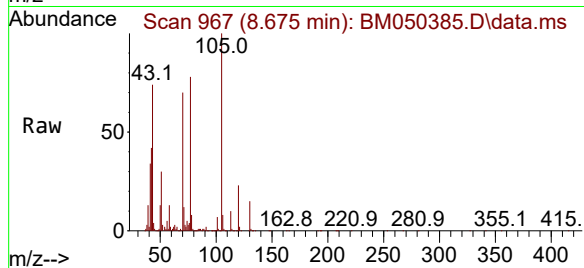
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925



Tgt Ion: 70 Resp: 792330

Ion Ratio Lower Upper

70 100

42 59.4 49.7 74.5

101 9.9 7.7 11.5

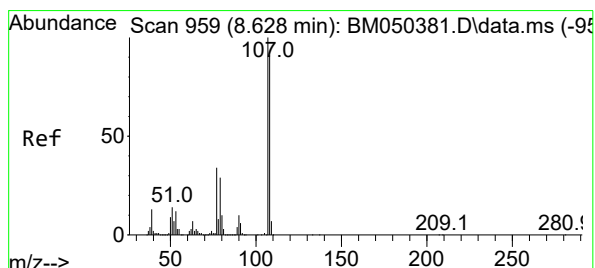
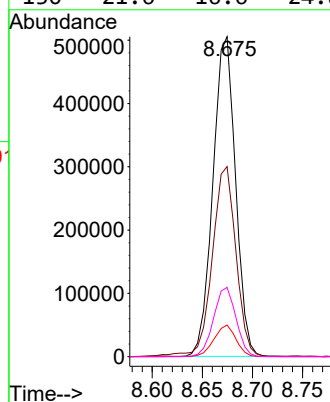
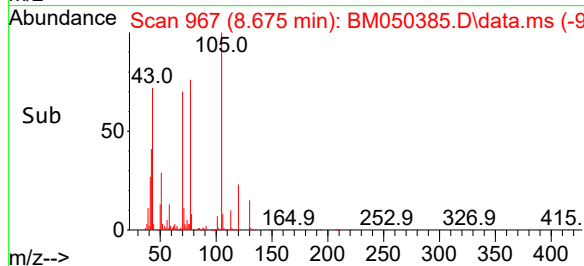
130 21.6 16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#20

3+4-Methylphenols

Concen: 42.276 ng

RT: 8.628 min Scan# 959

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 1136862

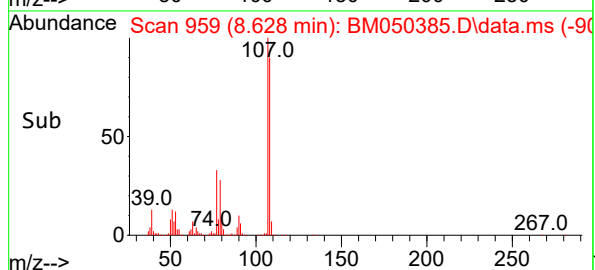
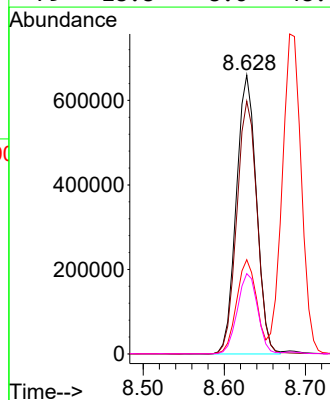
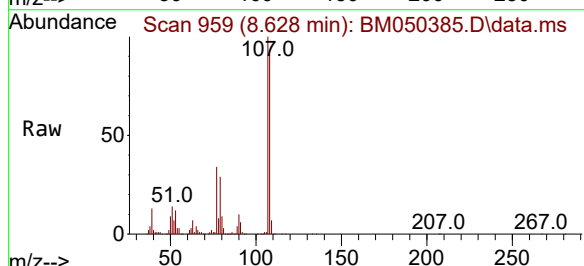
Ion Ratio Lower Upper

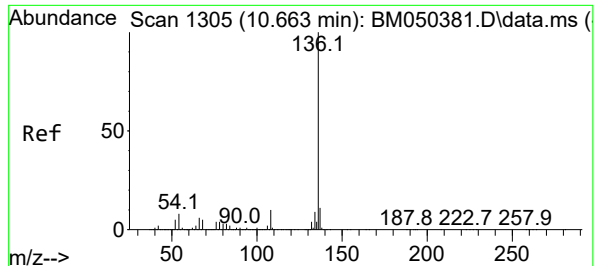
107 100

108 90.7 71.5 111.5

77 33.8 13.7 53.7

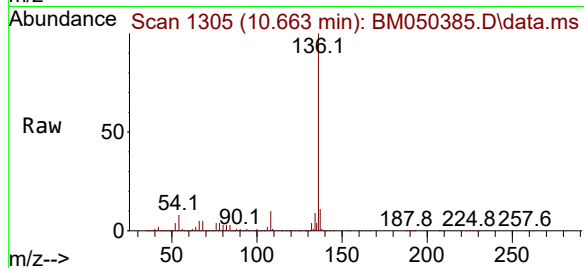
79 28.8 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

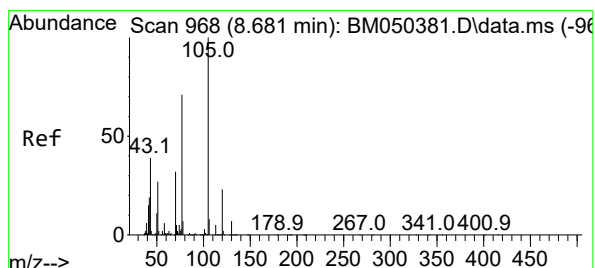
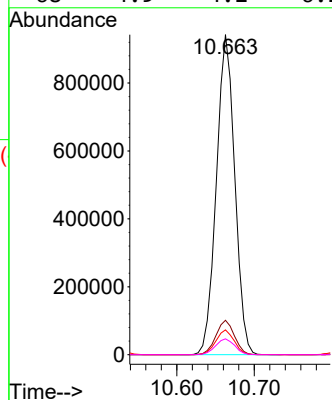
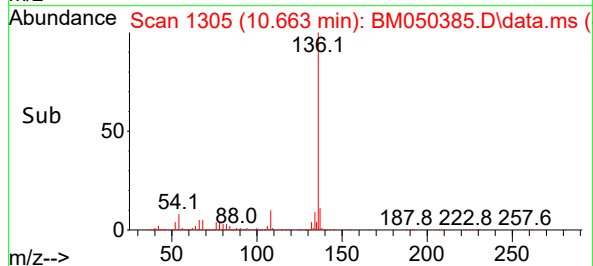
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:136 Resp: 1554040
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.7 6.3 9.5
68 4.9 4.2 6.2

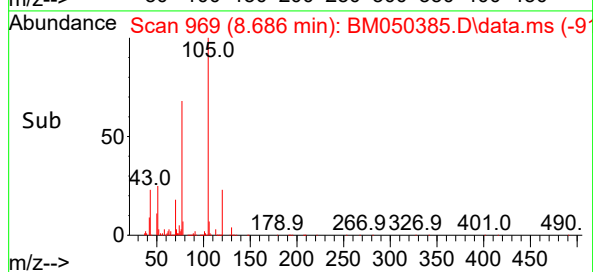
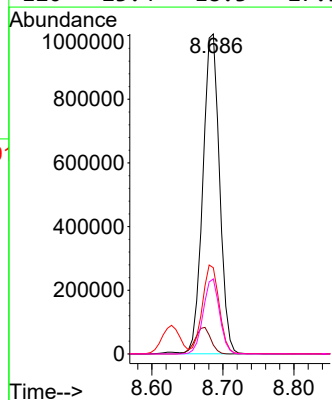
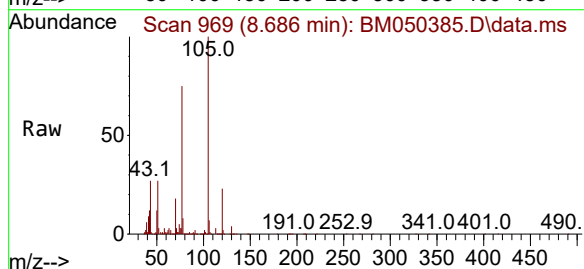
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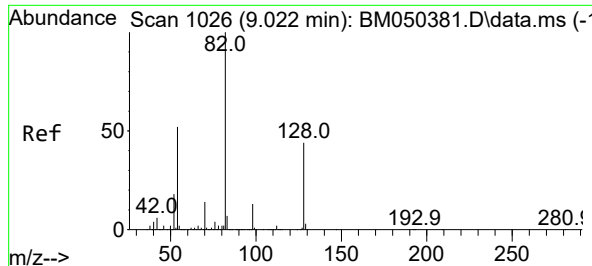
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

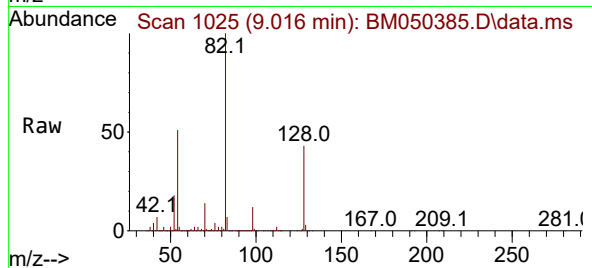
Tgt Ion:105 Resp: 1643199
Ion Ratio Lower Upper
105 100
71 2.8 4.4 6.6#
51 27.0 23.0 34.6
120 23.4 18.3 27.5





#23
Nitrobenzene-d5
Concen: 73.139 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

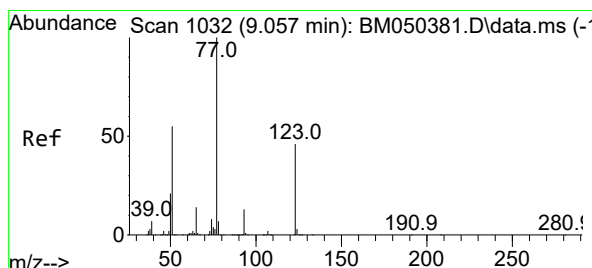
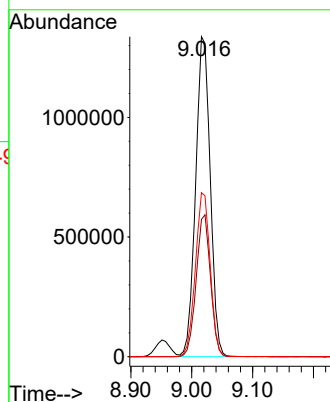
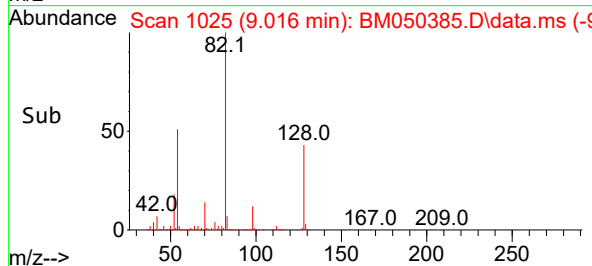


Tgt Ion: 82 Resp: 222787

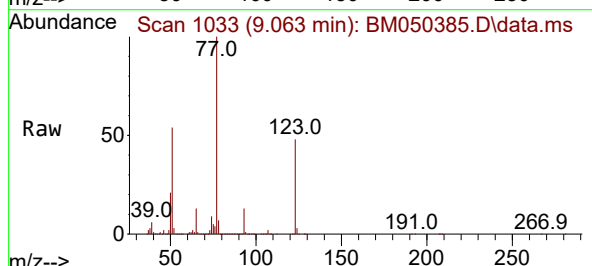
Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.2	41.5	62.3

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Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

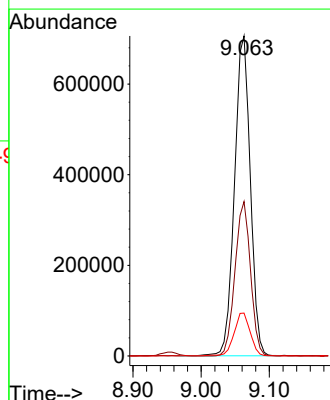
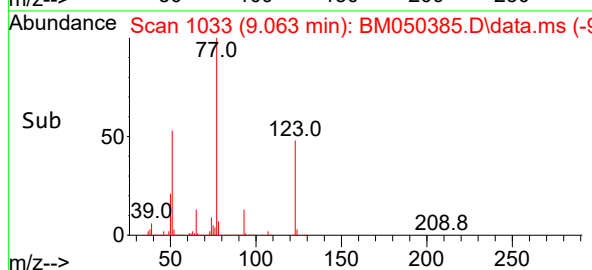


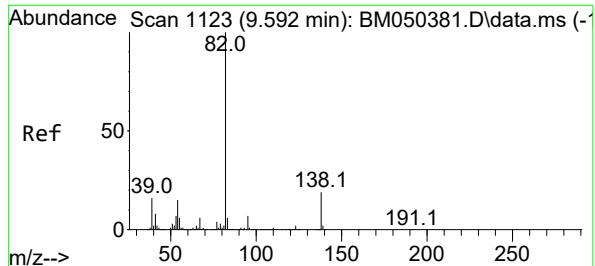
#24
Nitrobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



Tgt Ion: 77 Resp: 1137842

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.6
65	13.4	11.0	16.4





#25

Isophorone

Concen: 42.909 ng

RT: 9.592 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion: 82 Resp: 212087

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

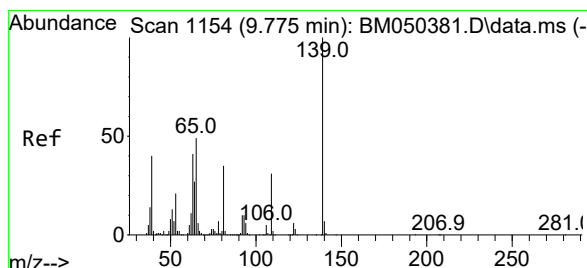
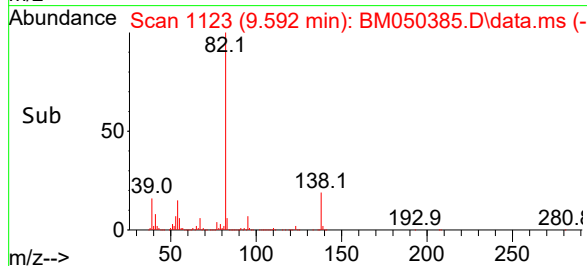
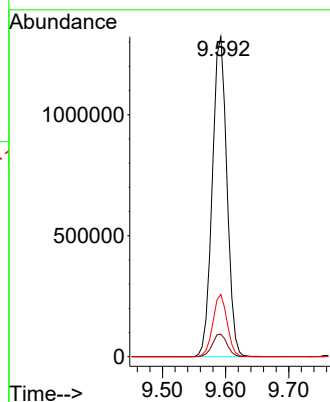
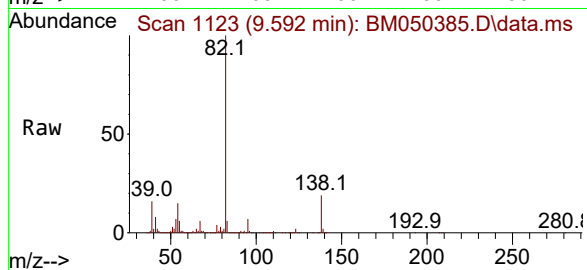
138 19.4 15.3 22.9

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#26

2-Nitrophenol

Concen: 46.488 ng

RT: 9.775 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

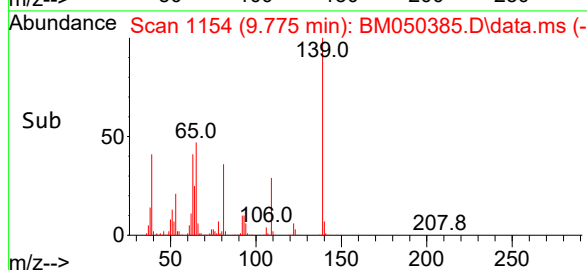
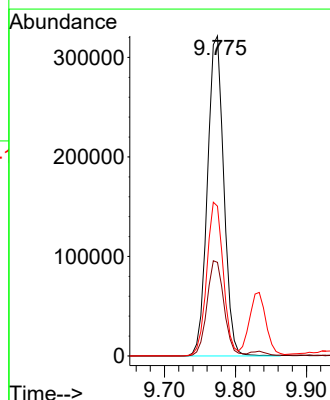
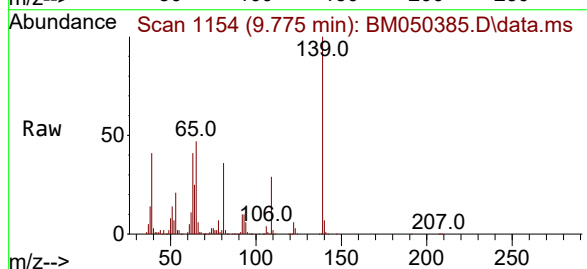
Tgt Ion:139 Resp: 514999

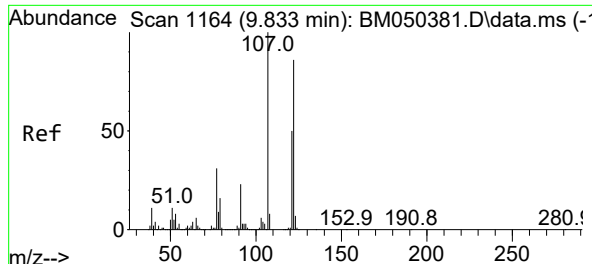
Ion Ratio Lower Upper

139 100

109 29.3 24.6 36.8

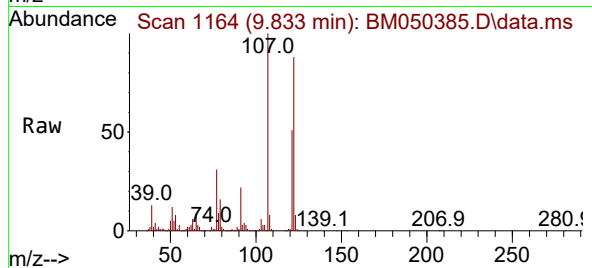
65 46.8 39.2 58.8





#27
2,4-Dimethylphenol
Concen: 42.470 ng
RT: 9.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

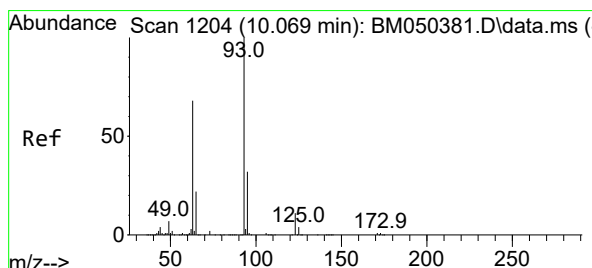
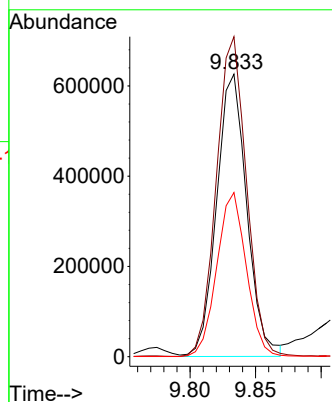
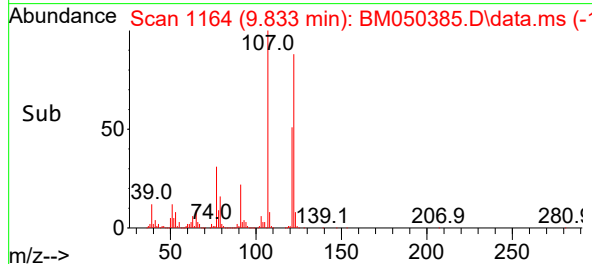
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion: 122 Resp: 1001149
Ion Ratio Lower Upper
122 100
107 113.2 93.0 139.6
121 58.1 46.1 69.1

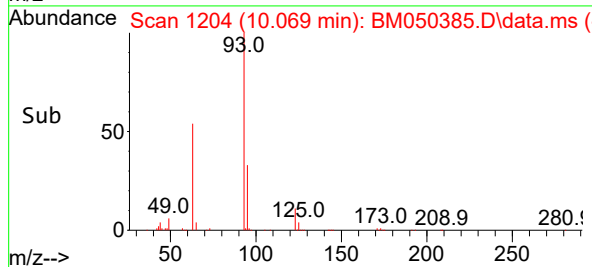
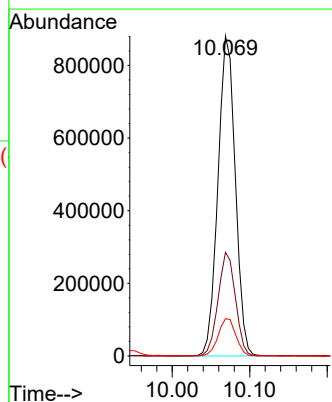
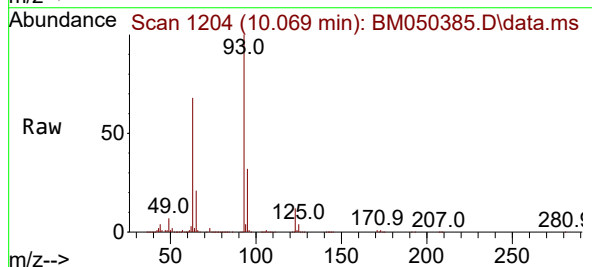
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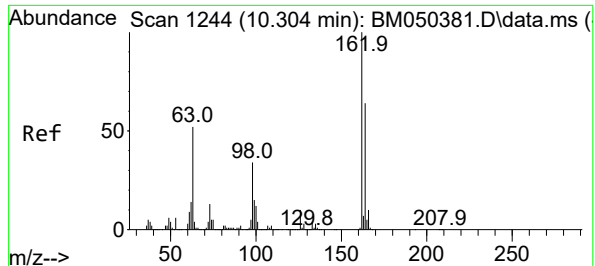
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.880 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

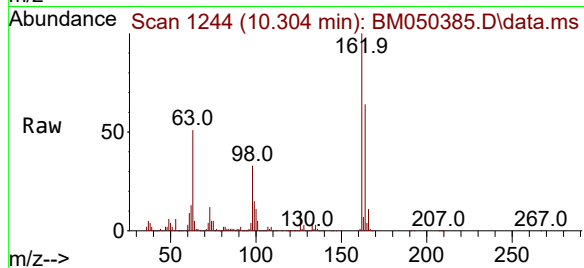
Tgt Ion: 93 Resp: 1371682
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 43.061 ng
RT: 10.304 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

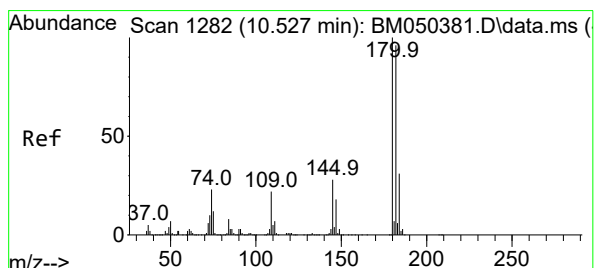
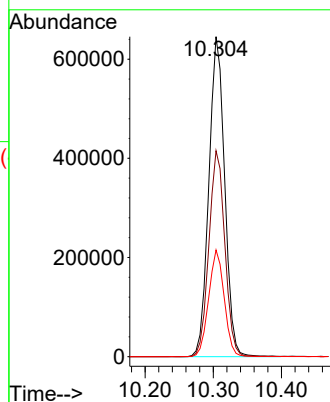
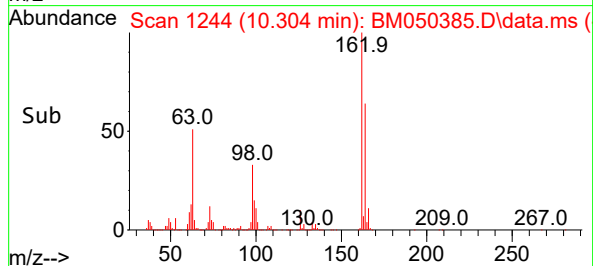
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:162 Resp: 1042869
Ion Ratio Lower Upper
162 100
164 64.3 43.7 83.7
98 33.3 13.7 53.7

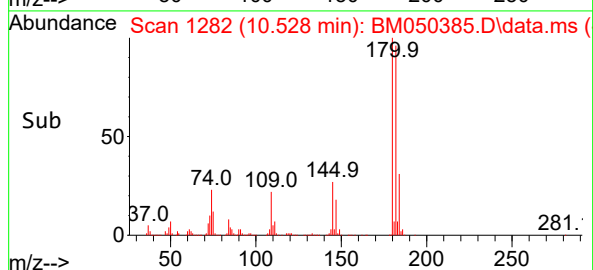
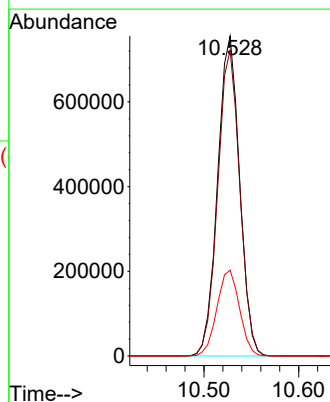
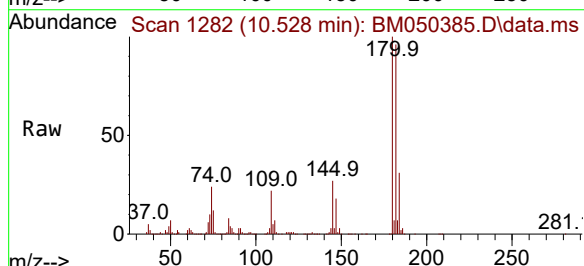
Manual Integrations
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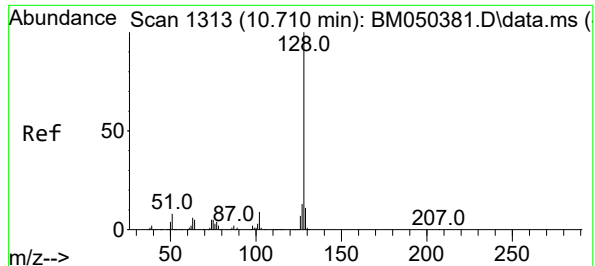
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

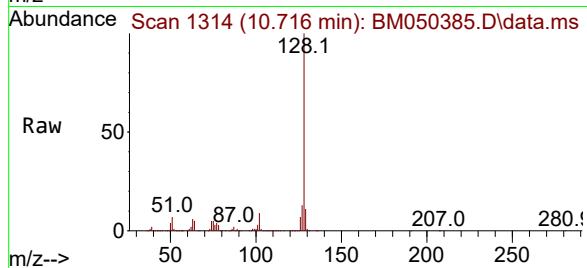
Tgt Ion:180 Resp: 1216831
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 26.8 22.6 33.8





#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 111
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

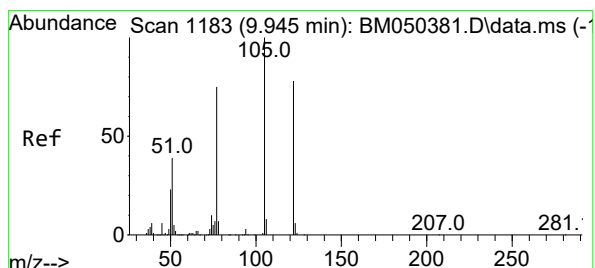
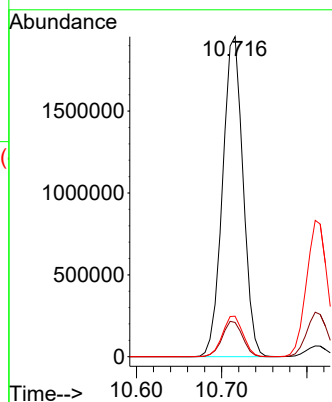
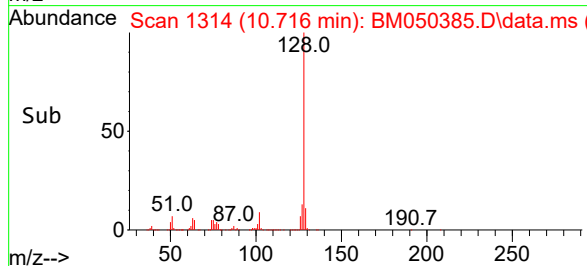
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:128 Resp: 325849
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6

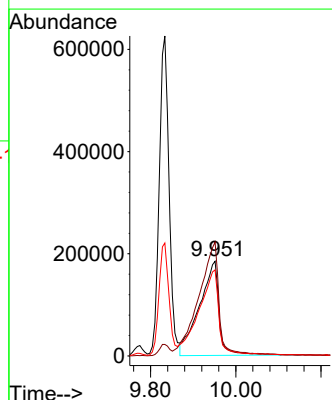
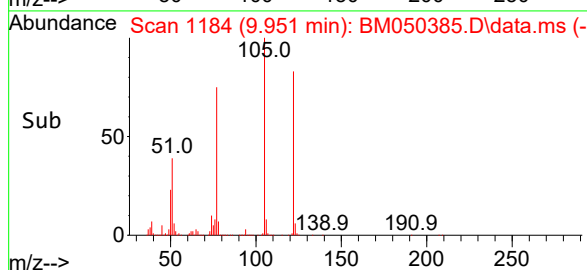
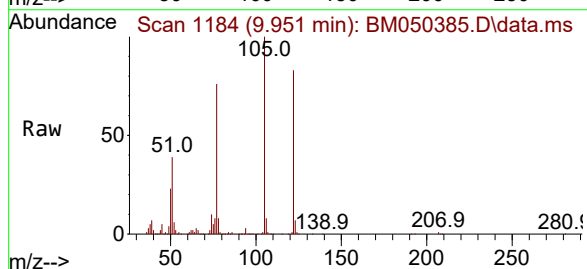
Manual Integrations
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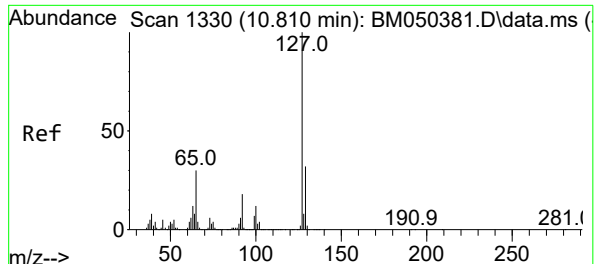
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

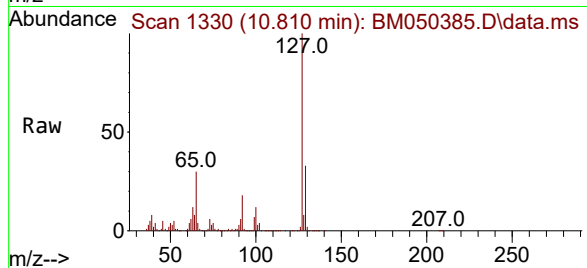
Tgt Ion:122 Resp: 593935
Ion Ratio Lower Upper
122 100
105 120.3 104.0 144.0
77 90.9 73.8 113.8





#33
4-Chloroaniline
Concen: 42.424 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

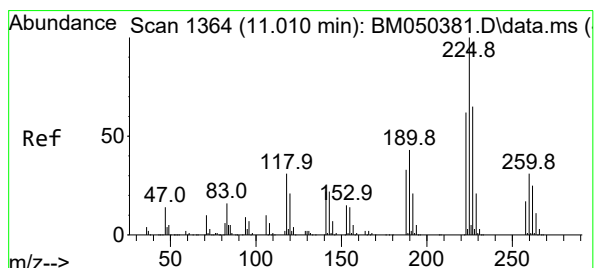
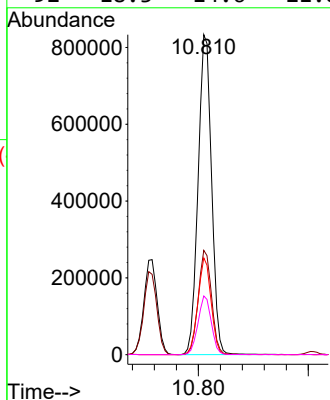
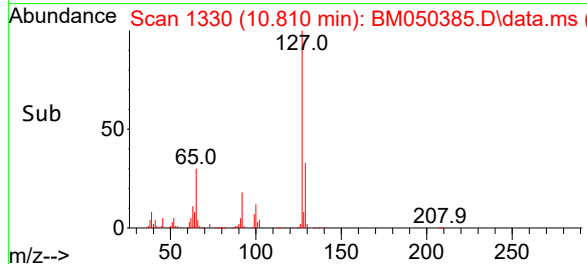
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



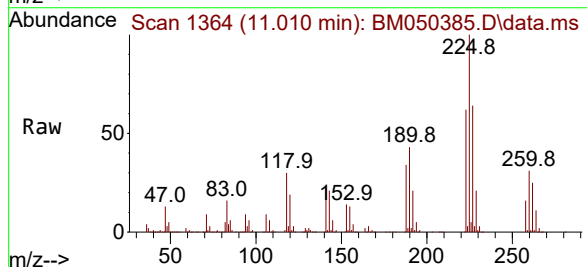
Tgt Ion:127 Resp: 141571
Ion Ratio Lower Upper
127 100
129 32.6 25.5 38.3
65 30.3 23.9 35.9
92 18.3 14.6 21.8

Manual Integrations
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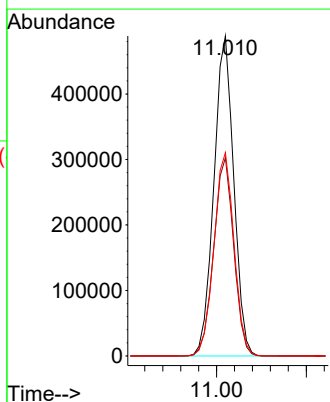
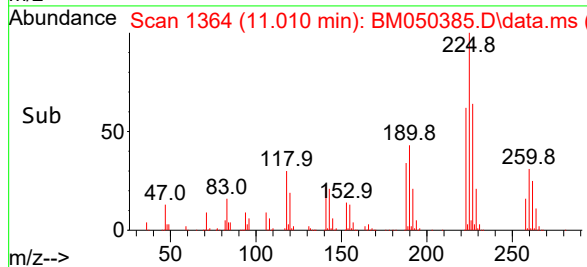
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

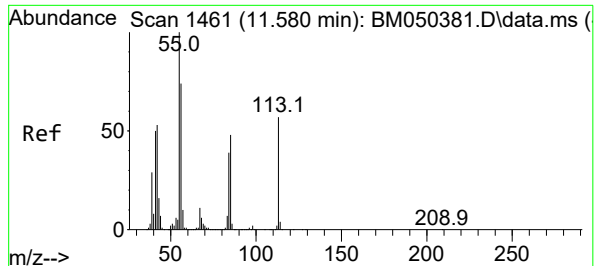


#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



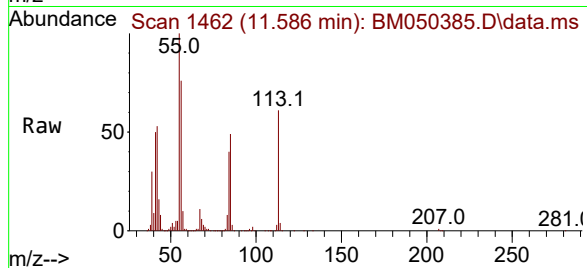
Tgt Ion:225 Resp: 749497
Ion Ratio Lower Upper
225 100
223 62.0 49.7 74.5
227 63.5 52.1 78.1





#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

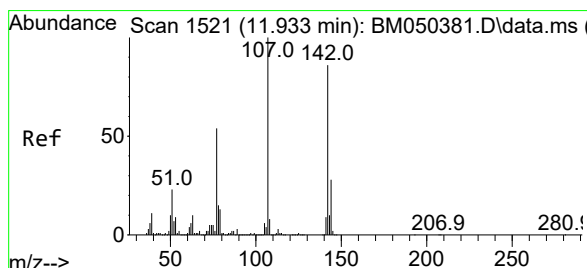
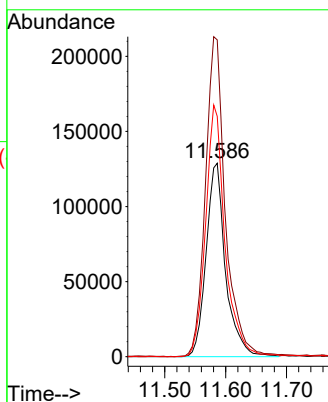
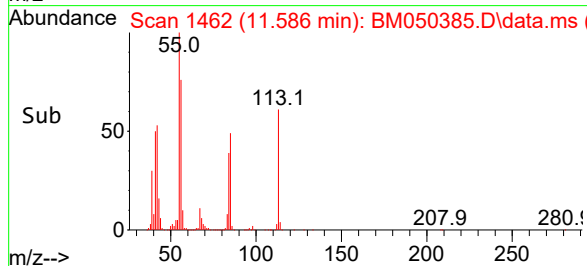
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:113 Resp: 285319
Ion Ratio Lower Upper
113 100
55 163.8 157.2 197.2
56 124.2 111.7 151.7

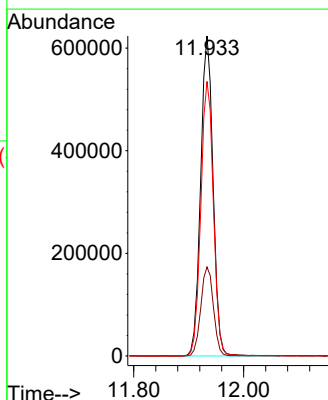
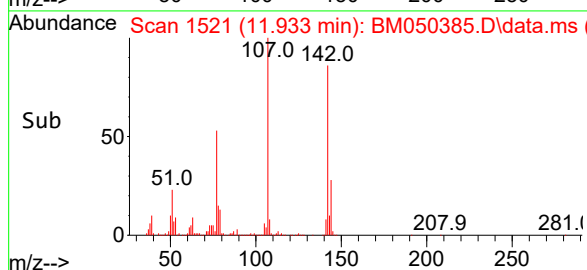
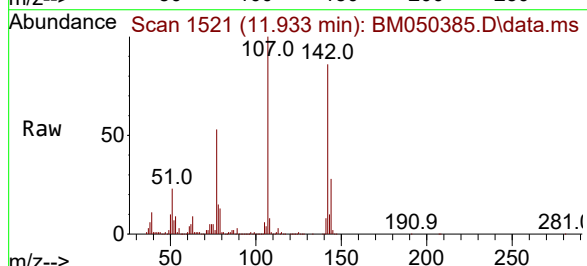
Manual Integrations
APPROVED

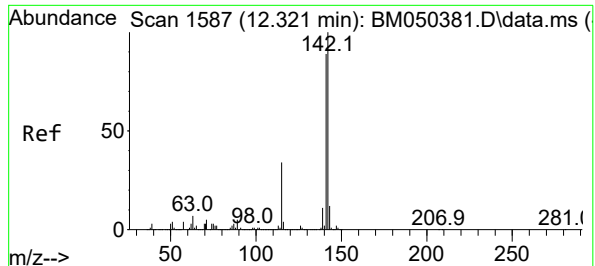
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

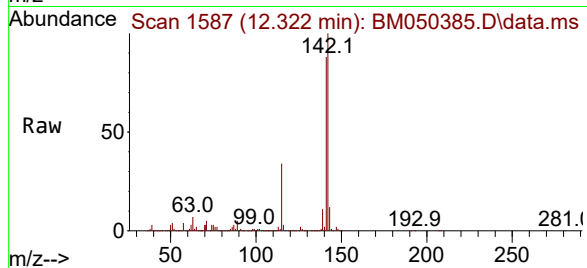
Tgt Ion:107 Resp: 979521
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 85.8 68.7 103.1





#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

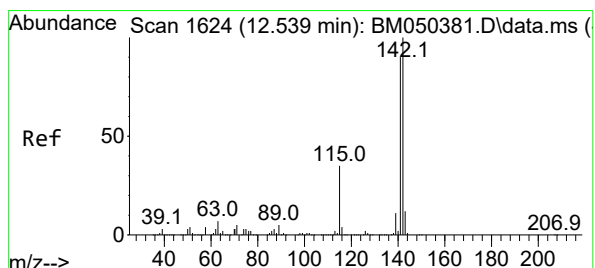
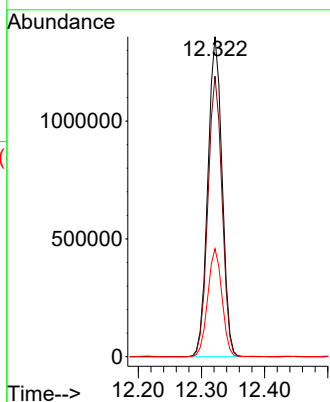
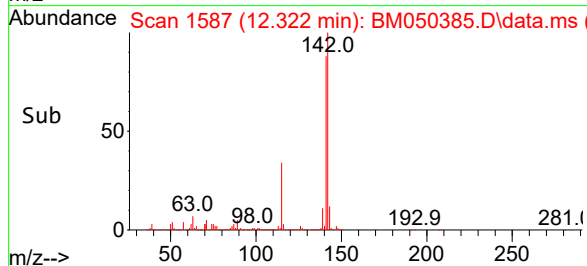
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



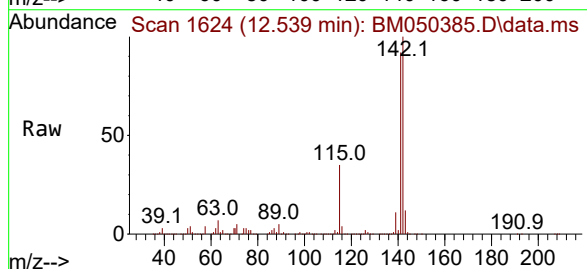
Tgt Ion:142 Resp: 2124989
Ion Ratio Lower Upper
142 100
141 87.6 70.8 106.2
115 33.7 27.0 40.4

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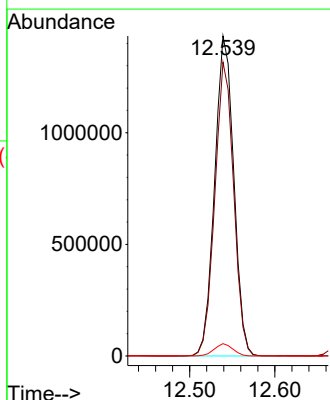
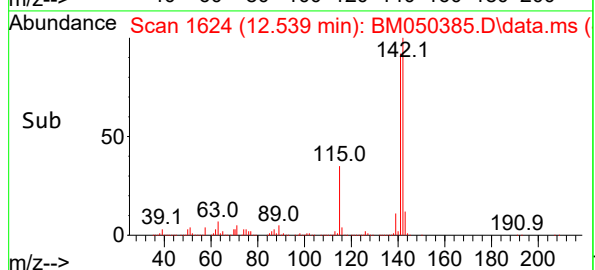
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

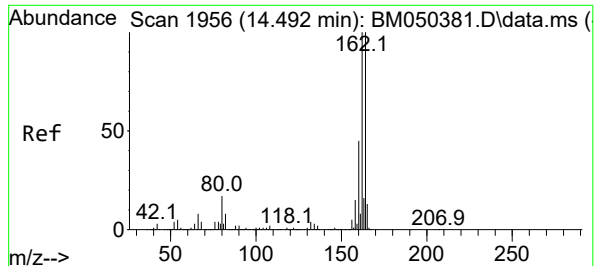


#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



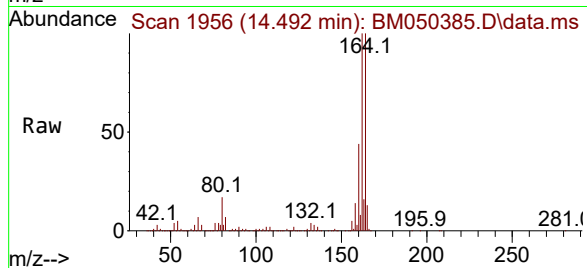
Tgt Ion:142 Resp: 2230710
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9
116 3.9 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

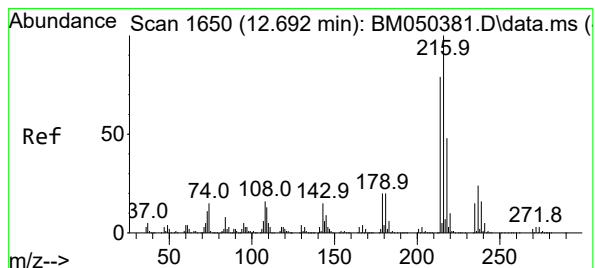
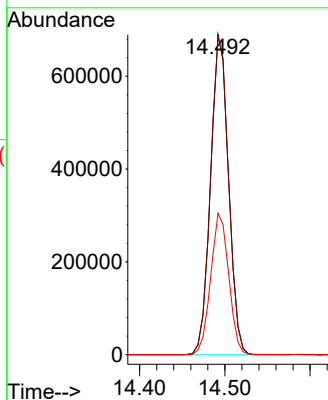
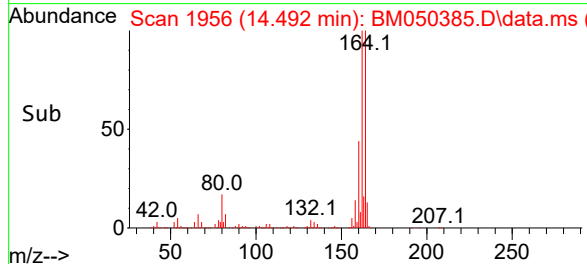
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:164 Resp: 1008264
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 44.1 36.2 54.4

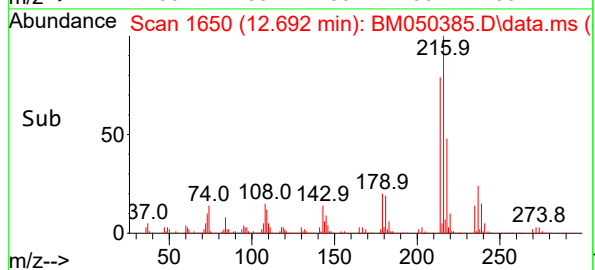
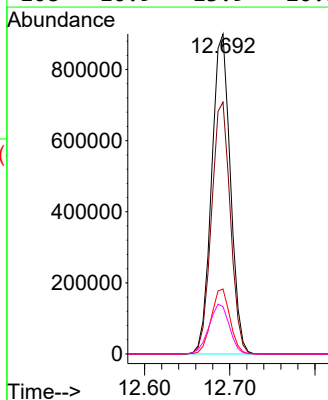
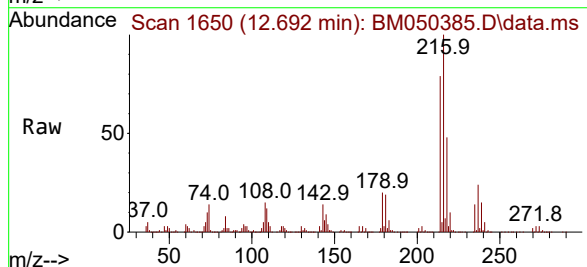
Manual Integrations
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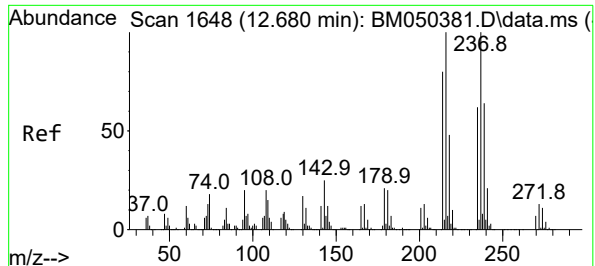
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.859 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

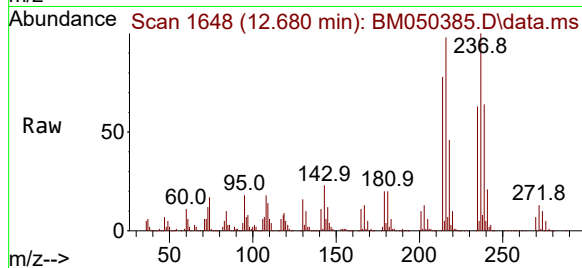
Tgt Ion:216 Resp: 1374217
Ion Ratio Lower Upper
216 100
214 79.0 63.3 94.9
179 20.4 16.4 24.6
108 16.9 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

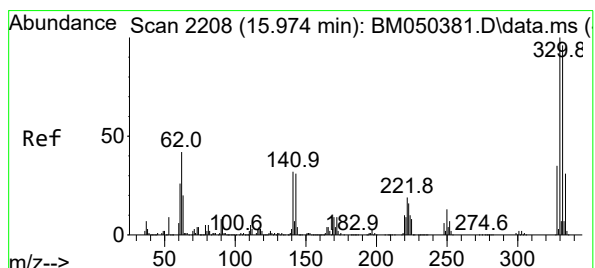
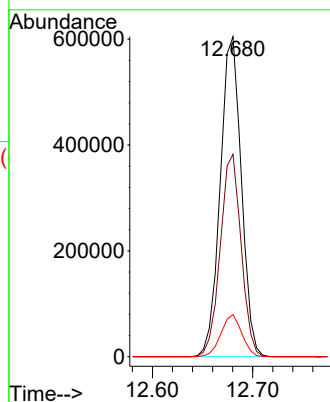
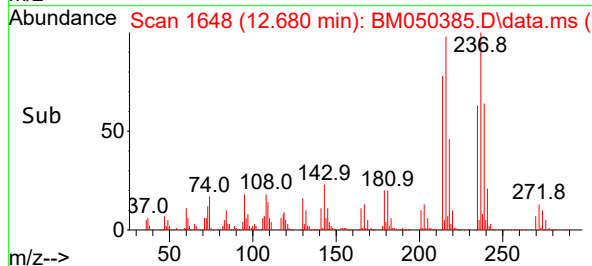
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



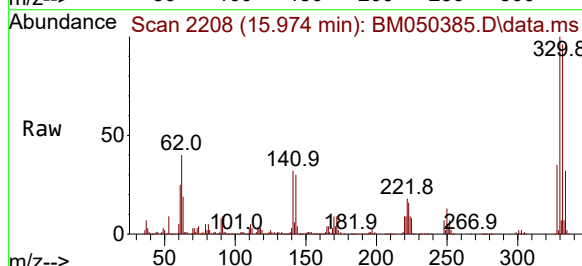
Tgt Ion:237 Resp: 88160
Ion Ratio Lower Upper
237 100
235 63.2 42.3 82.3
272 13.1 0.0 33.0

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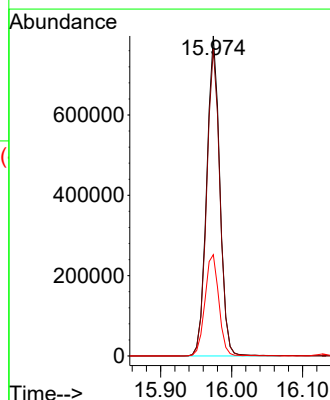
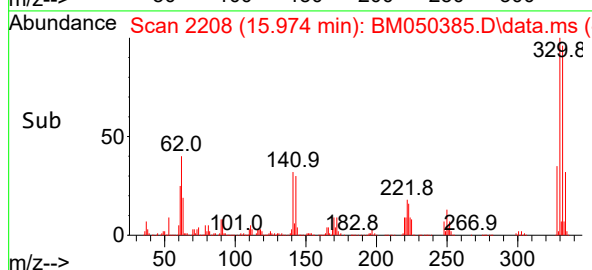
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

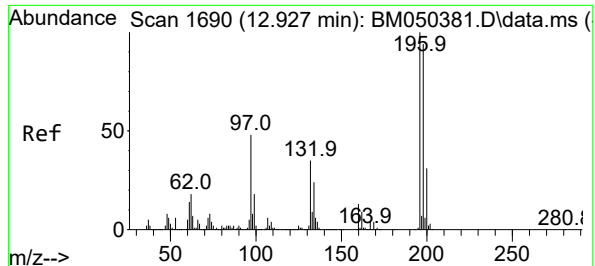


#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



Tgt Ion:330 Resp: 1026446
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 33.5 27.4 41.0





#43

2,4,6-Trichlorophenol

Concen: 43.485 ng

RT: 12.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050385.D

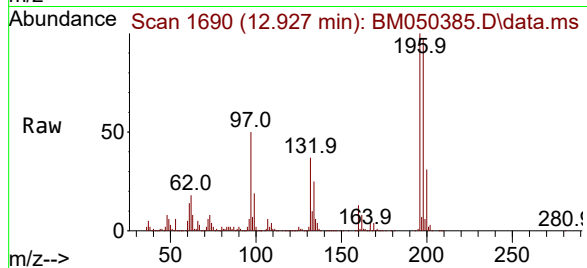
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925



Tgt Ion:196 Resp: 85825

Ion Ratio Lower Upper

196 100

198 96.6 75.1 112.7

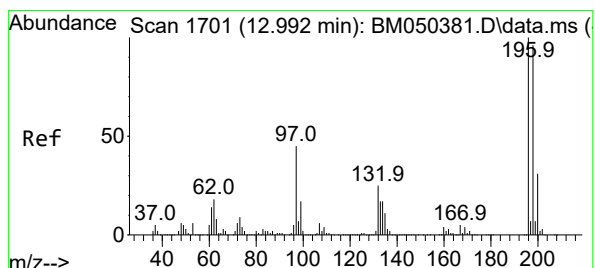
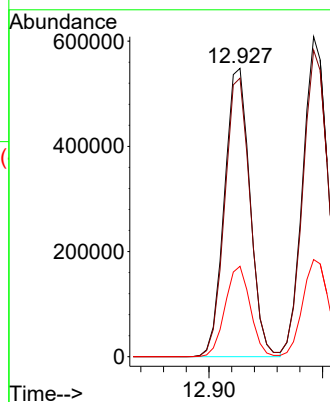
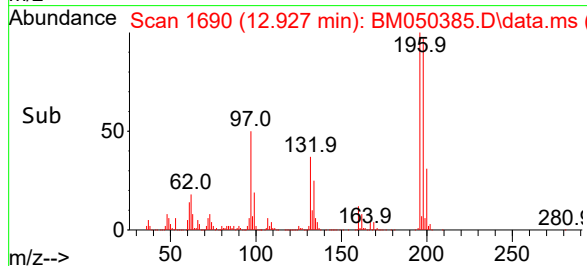
200 31.3 24.6 37.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#44

2,4,5-Trichlorophenol

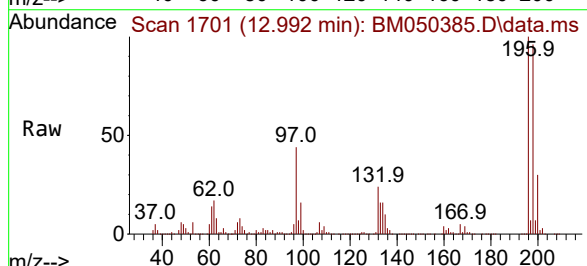
Concen: 43.542 ng

RT: 12.992 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05



Tgt Ion:196 Resp: 938542

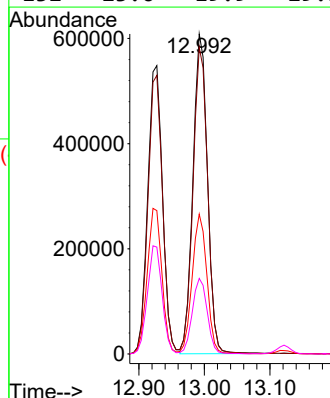
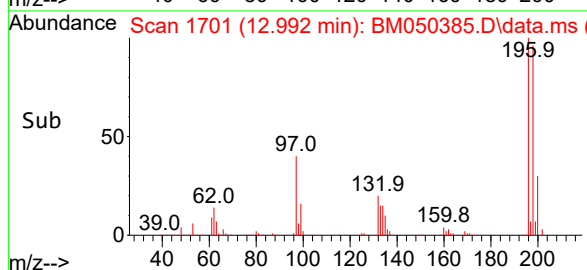
Ion Ratio Lower Upper

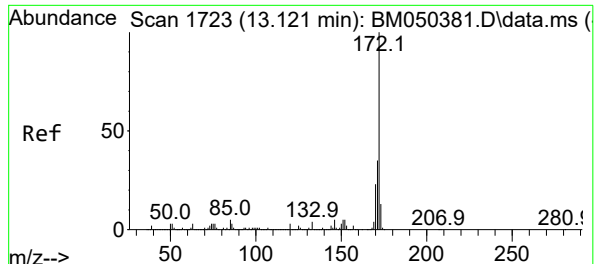
196 100

198 95.8 77.2 115.8

97 43.7 36.2 54.4

132 23.6 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 70.689 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050385.D

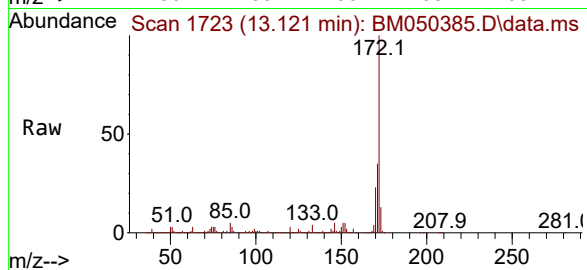
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925



Tgt Ion:172 Resp: 577142

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

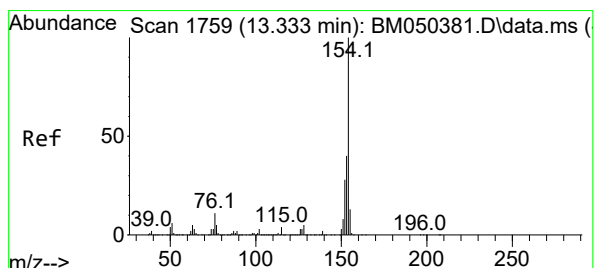
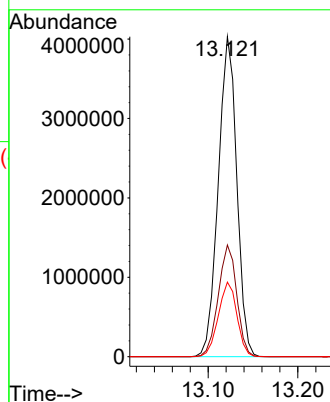
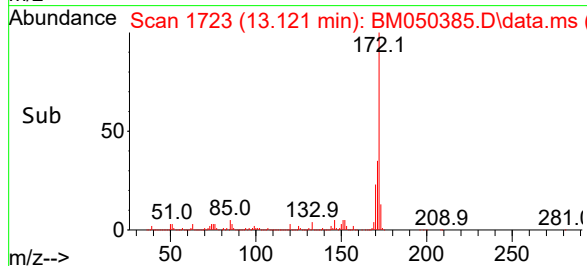
170 23.3 18.8 28.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#46

1,1'-Biphenyl

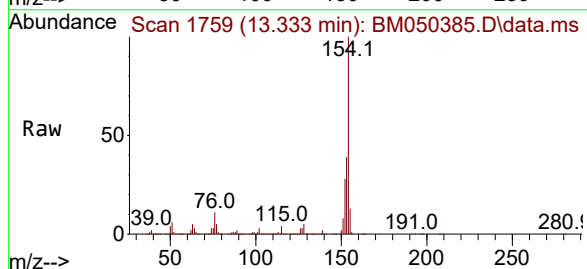
Concen: 41.557 ng

RT: 13.333 min Scan# 1759

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05



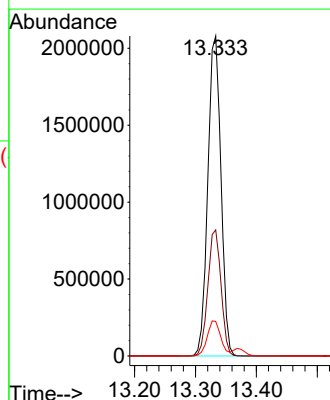
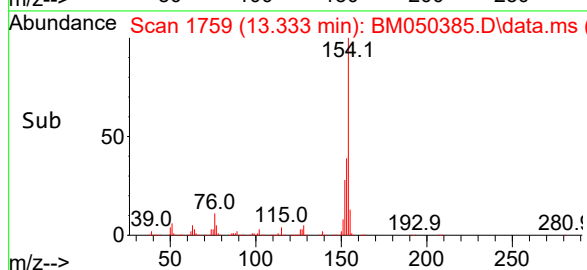
Tgt Ion:154 Resp: 3108770

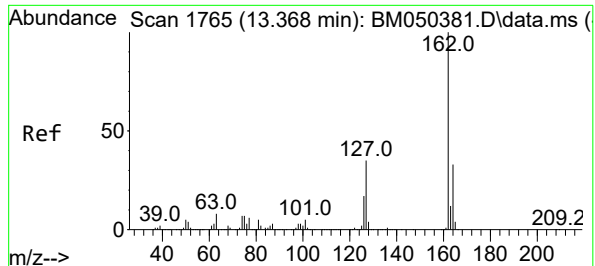
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 10.8 0.0 30.9





#47

2-Chloronaphthalene

Concen: 41.272 ng

RT: 13.368 min Scan# 1765

Delta R.T. 0.000 min

Lab File: BM050385.D

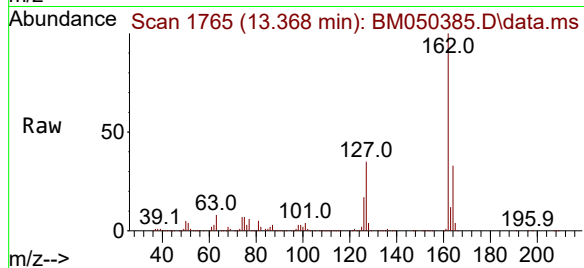
Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925



Tgt Ion:162 Resp: 246164

Ion Ratio Lower Upper

162 100

127 35.0 28.3 42.5

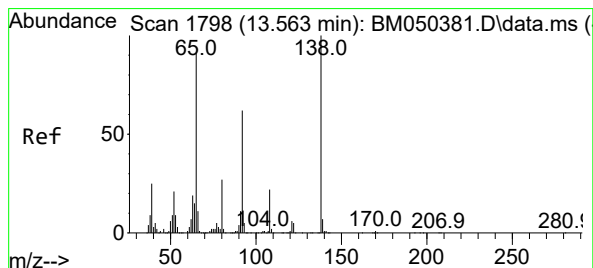
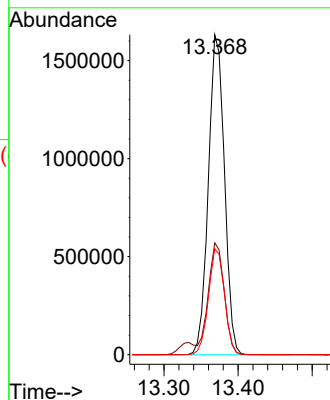
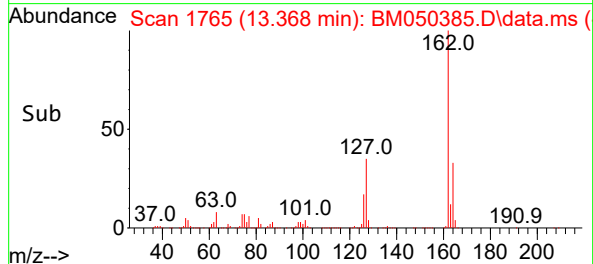
164 33.2 26.6 40.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#48

2-Nitroaniline

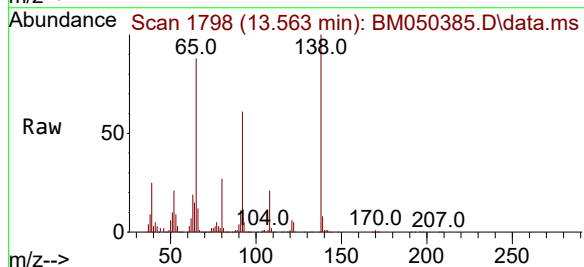
Concen: 44.497 ng

RT: 13.563 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05



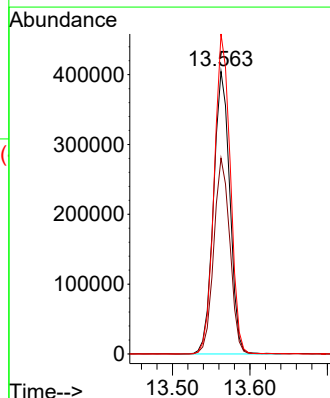
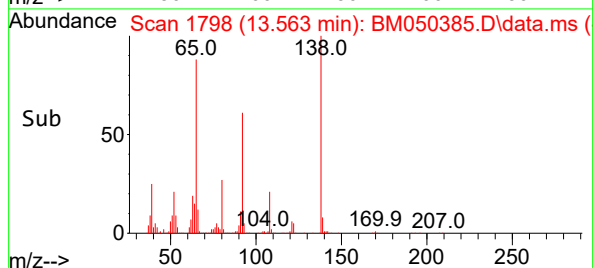
Tgt Ion: 65 Resp: 592401

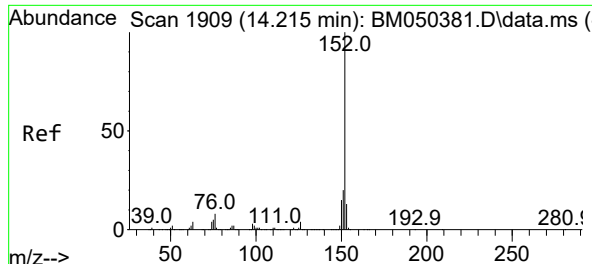
Ion Ratio Lower Upper

65 100

92 69.3 54.3 81.5

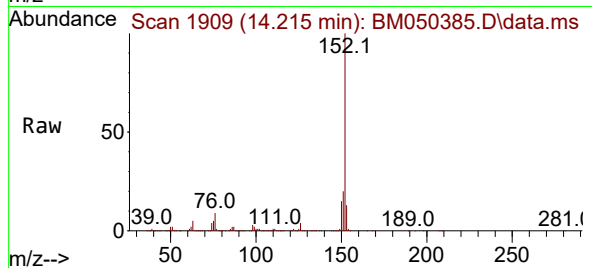
138 113.2 87.8 131.6





#49
Acenaphthylene
Concen: 41.972 ng
RT: 14.215 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

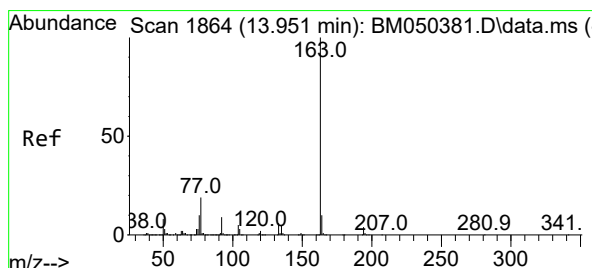
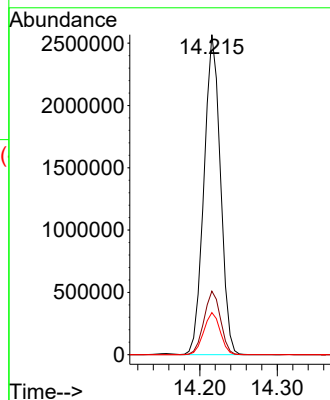
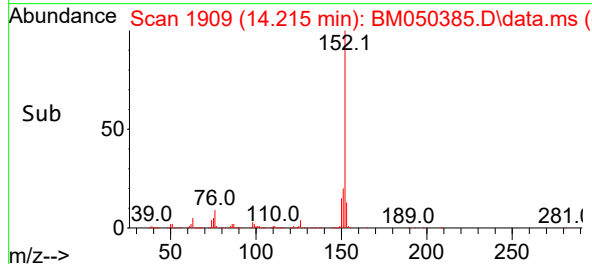
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:152 Resp: 3783308
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.1 10.6 15.8

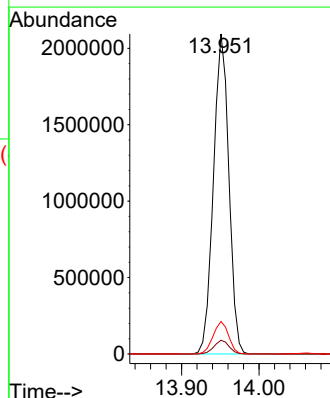
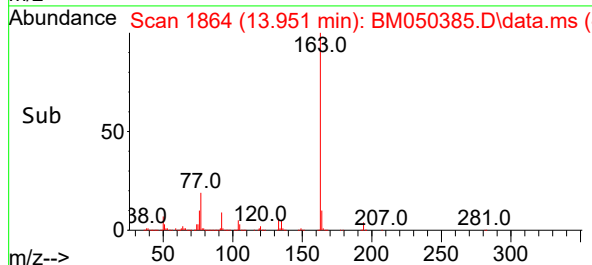
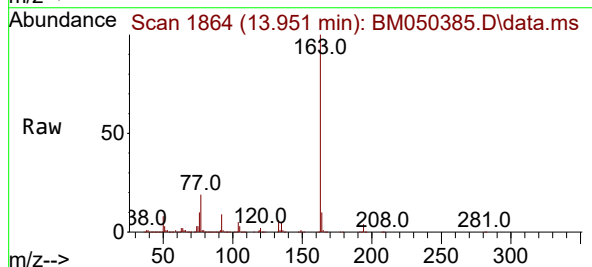
Manual Integrations
APPROVED

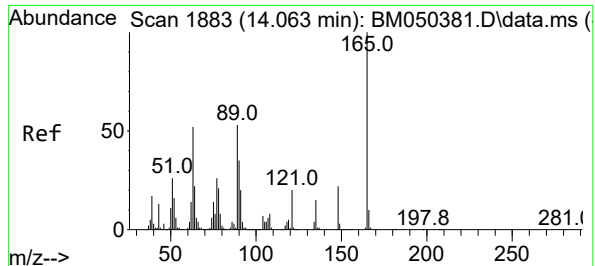
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#50
Dimethylphthalate
Concen: 41.635 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

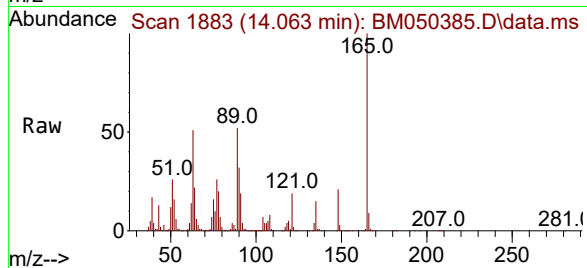
Tgt Ion:163 Resp: 2890119
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

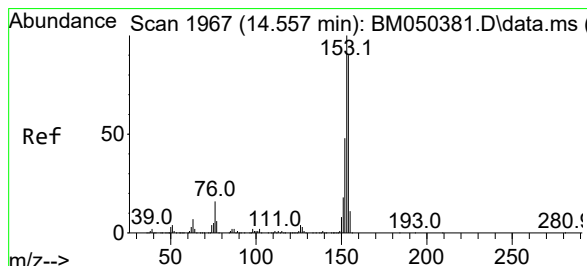
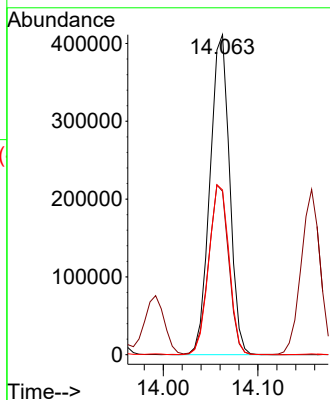
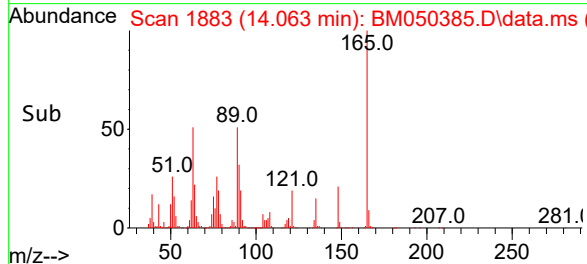
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:165 Resp: 59184
Ion Ratio Lower Upper
165 100
63 51.1 42.4 63.6
89 51.5 42.2 63.2

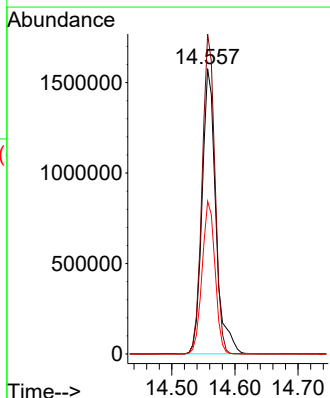
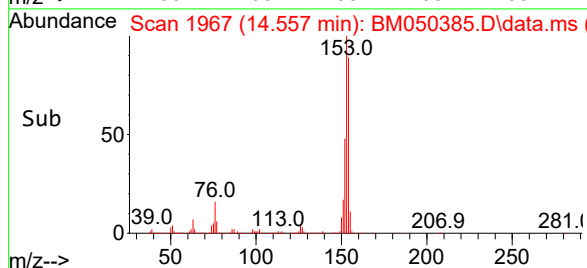
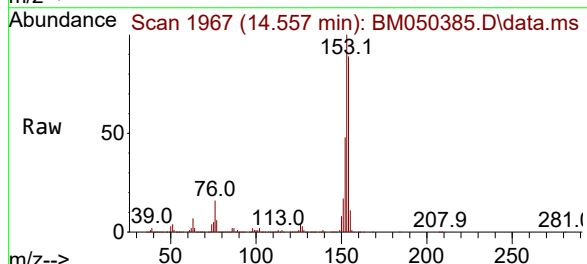
Manual Integrations
APPROVED

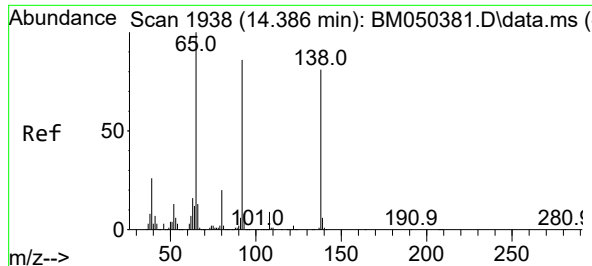
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

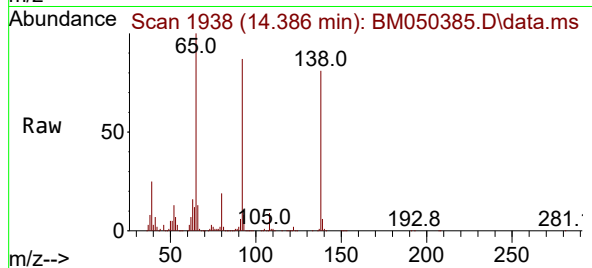
Tgt Ion:154 Resp: 2381763
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 53.5 42.6 64.0





#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

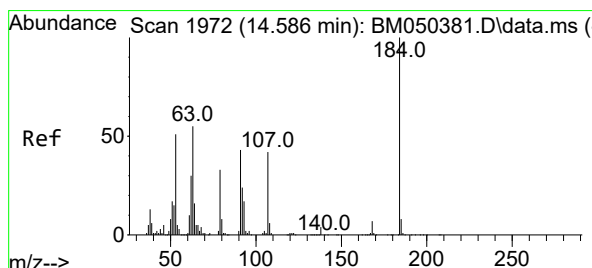
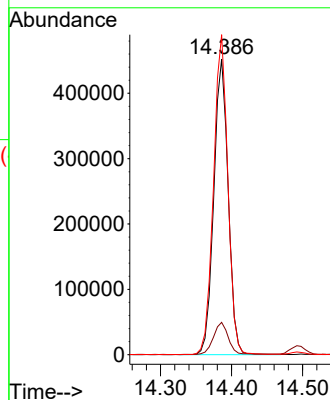
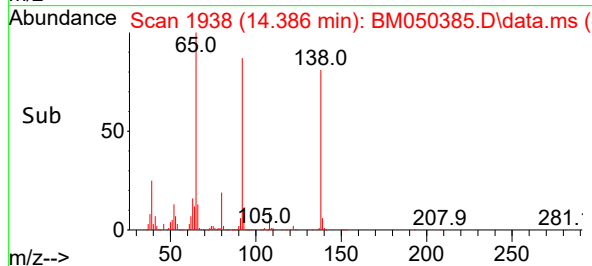
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:138 Resp: 636015
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 108.2 85.0 127.6

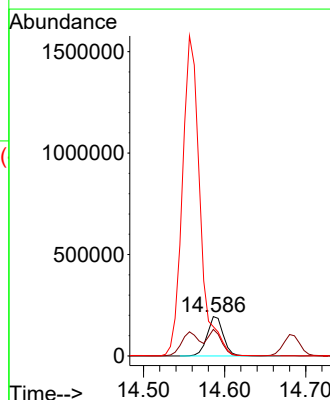
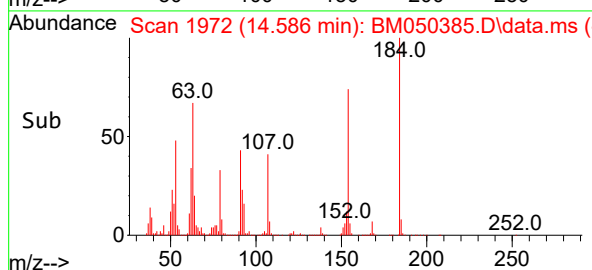
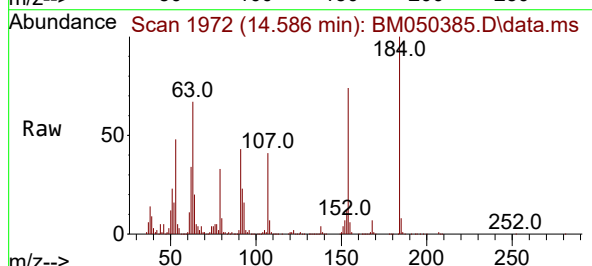
Manual Integrations
APPROVED

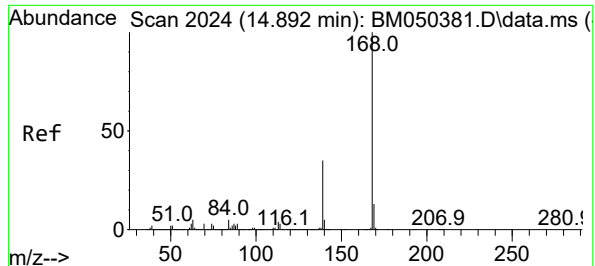
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

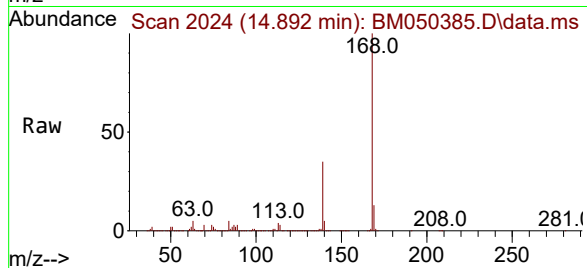
Tgt Ion:184 Resp: 266947
Ion Ratio Lower Upper
184 100
63 67.3 53.4 80.0
154 74.3 61.6 92.4





#55
Dibenzenofuran
Concen: 40.877 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

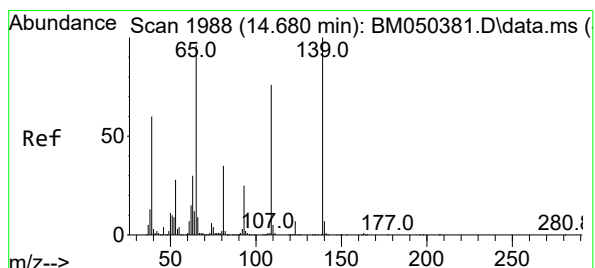
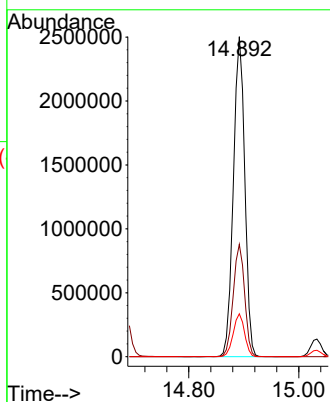
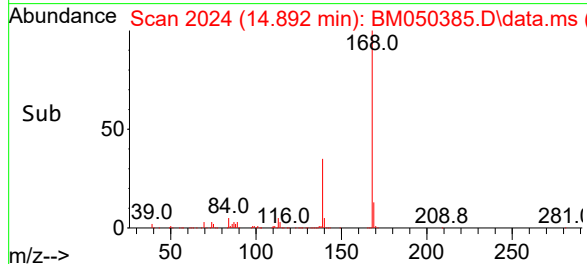
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:168 Resp: 360941
Ion Ratio Lower Upper
168 100
139 35.1 27.7 41.5
169 13.4 10.7 16.1

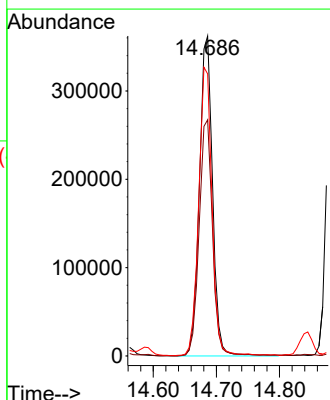
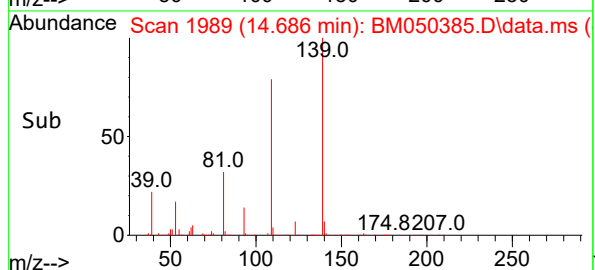
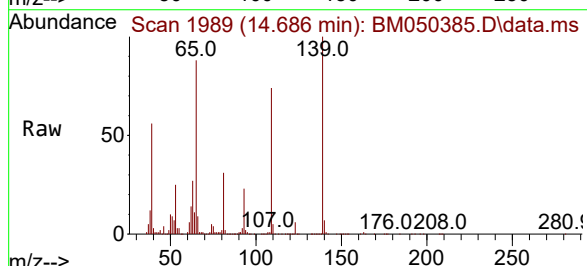
Manual Integrations
APPROVED

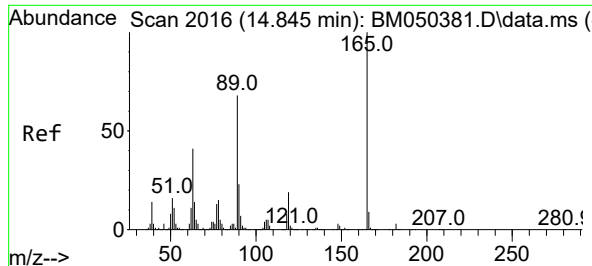
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#56
4-Nitrophenol
Concen: 42.822 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

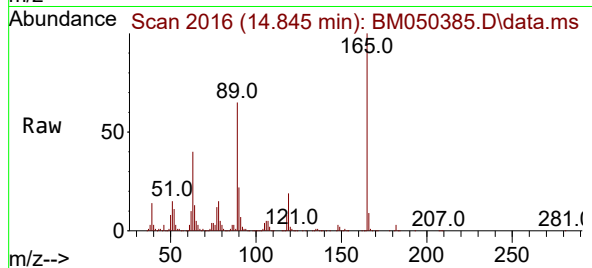
Tgt Ion:139 Resp: 521977
Ion Ratio Lower Upper
139 100
109 73.8 56.5 96.5
65 88.1 76.4 116.4





#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

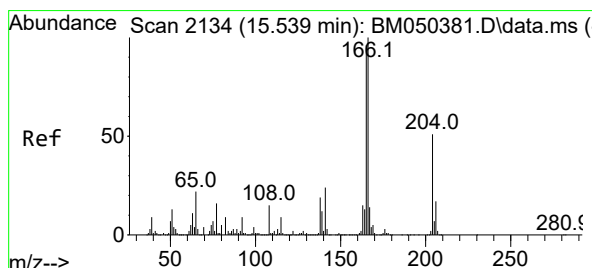
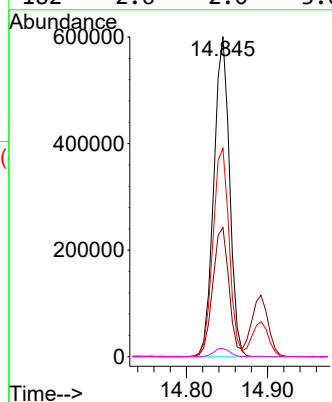
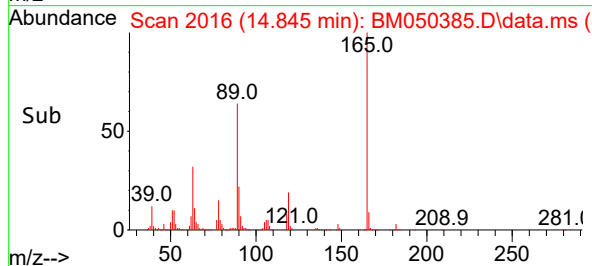
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:165 Resp: 807634
Ion Ratio Lower Upper
165 100
63 40.3 32.5 48.7
89 65.1 54.0 81.0
182 2.6 2.0 3.0

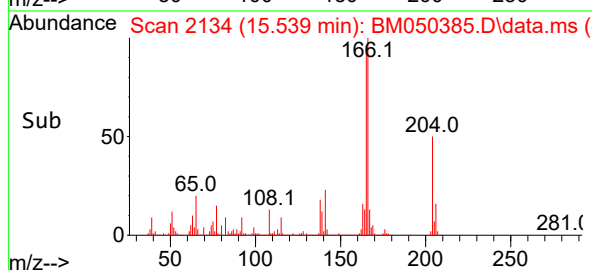
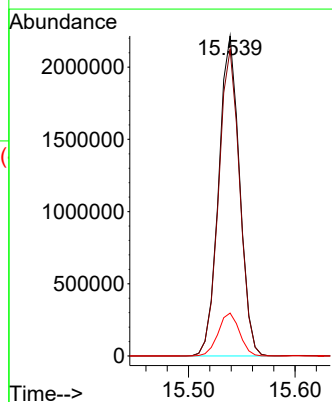
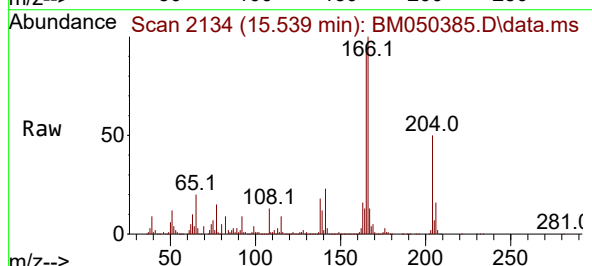
Manual Integrations
APPROVED

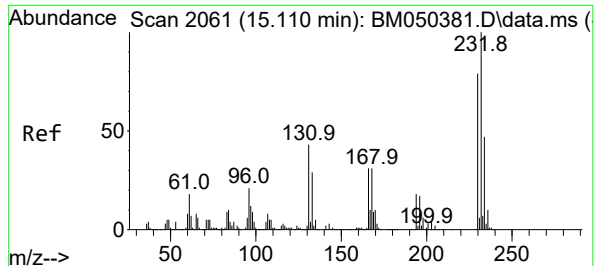
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

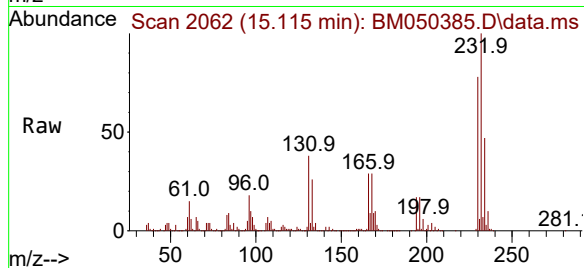
Tgt Ion:166 Resp: 3012801
Ion Ratio Lower Upper
166 100
165 95.8 77.0 115.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

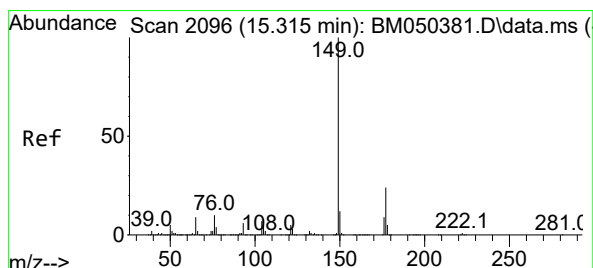
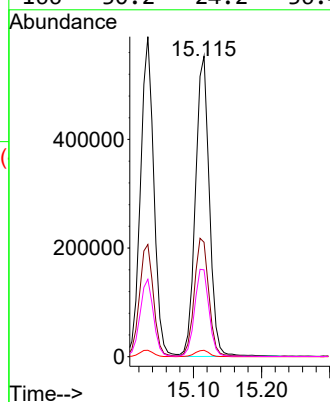
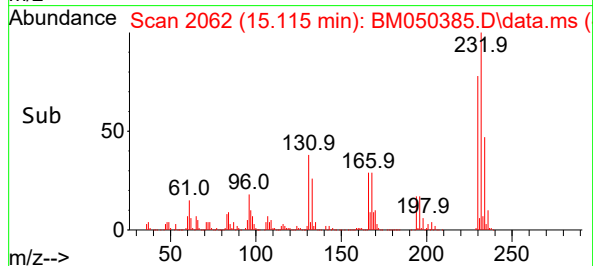
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



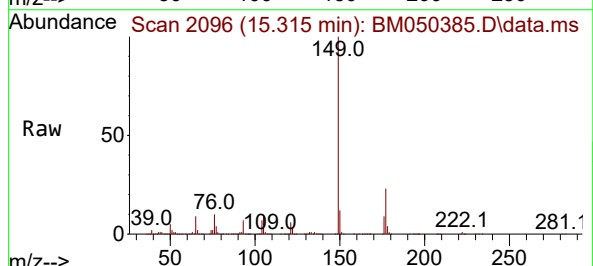
Tgt Ion:232 Resp: 784378
Ion Ratio Lower Upper
232 100
131 41.1 33.4 50.0
130 2.2 1.8 2.6
166 30.2 24.2 36.4

Manual Integrations
APPROVED

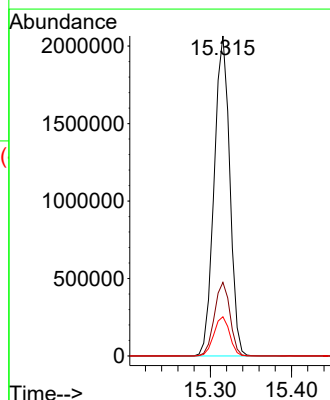
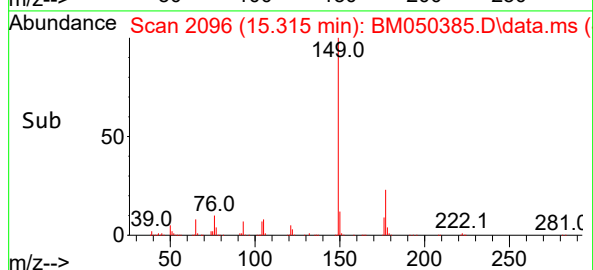
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

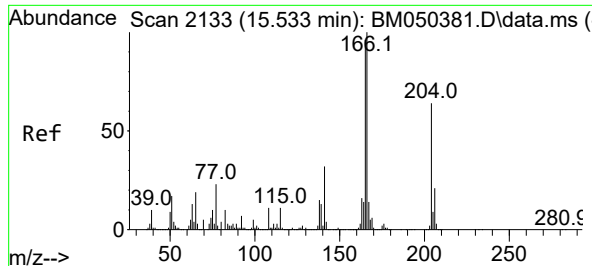


#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



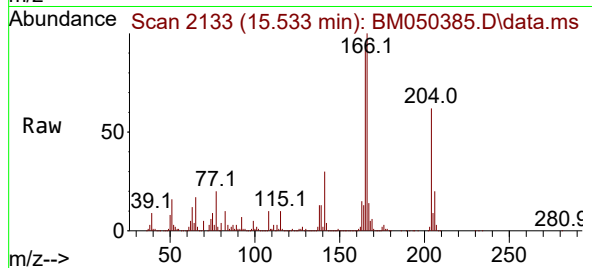
Tgt Ion:149 Resp: 2759041
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.2 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

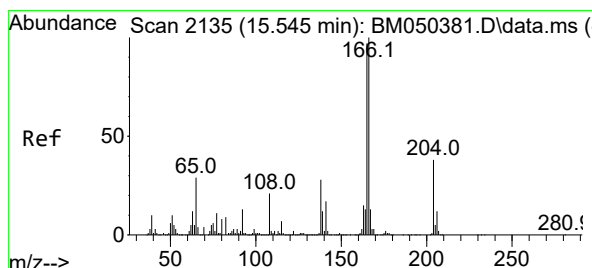
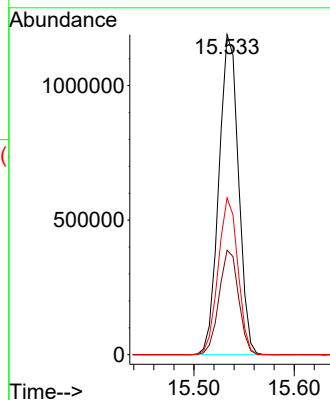
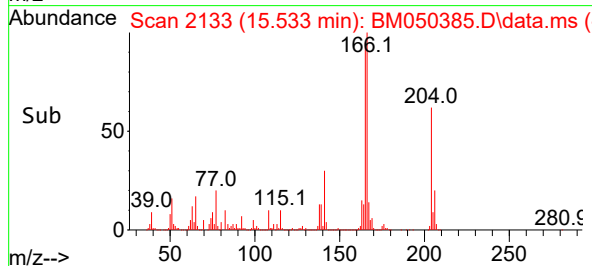
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



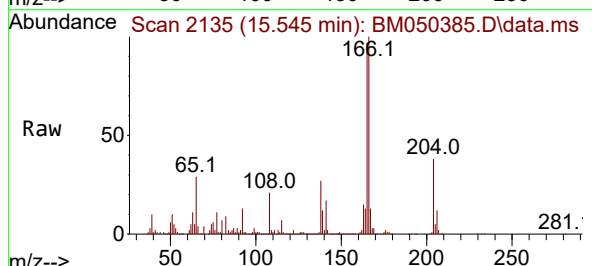
Tgt Ion:204 Resp: 1608200
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 49.0 39.9 59.9

Manual Integrations
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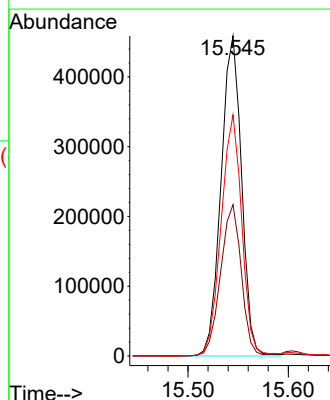
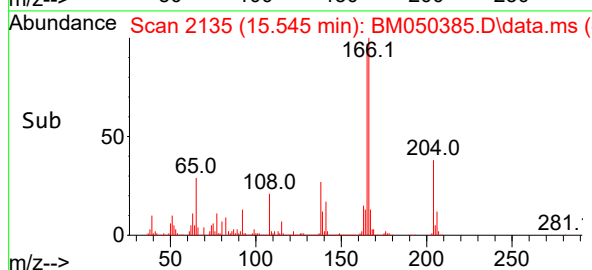
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

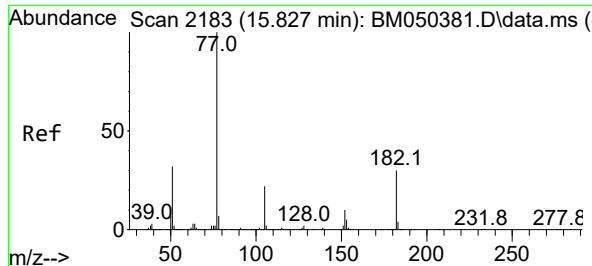


#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



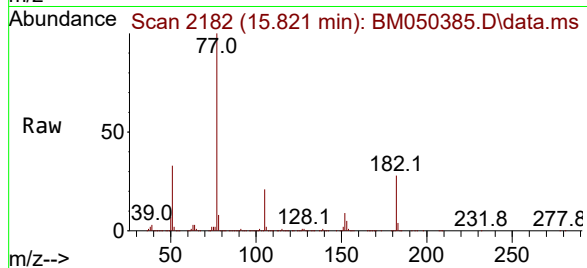
Tgt Ion:138 Resp: 649355
Ion Ratio Lower Upper
138 100
92 47.3 24.5 64.5
108 75.4 52.5 92.5





#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

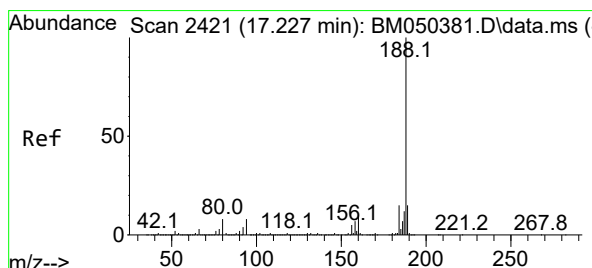
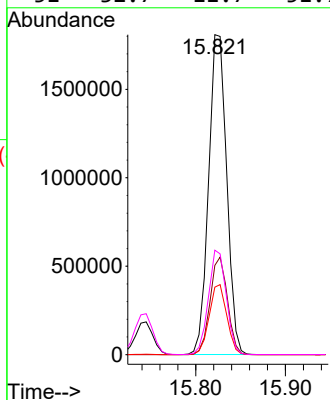
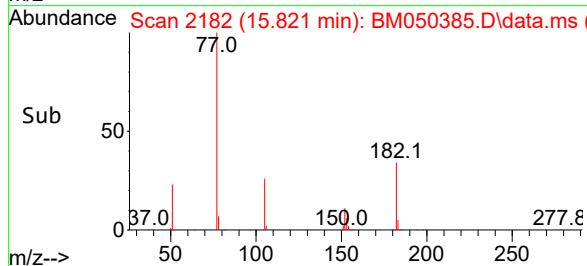
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion: 77 Resp: 252872
Ion Ratio Lower Upper
77 100
182 27.9 10.0 50.0
105 21.1 2.0 42.0
51 32.7 11.7 51.7

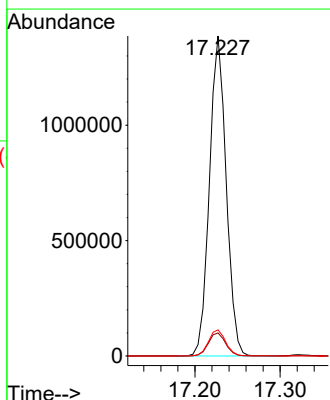
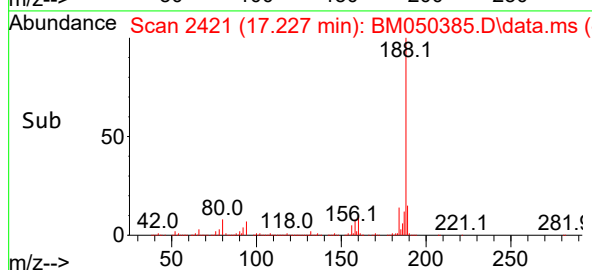
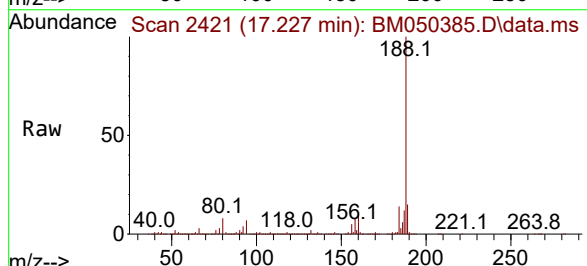
Manual Integrations
APPROVED

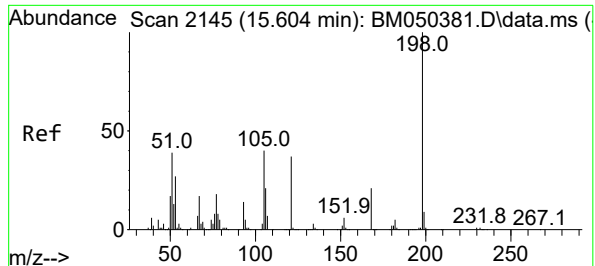
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

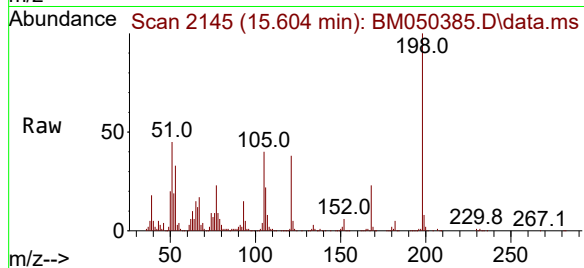
Tgt Ion:188 Resp: 1898481
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 8.2 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

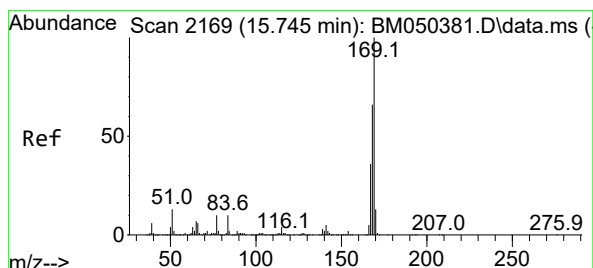
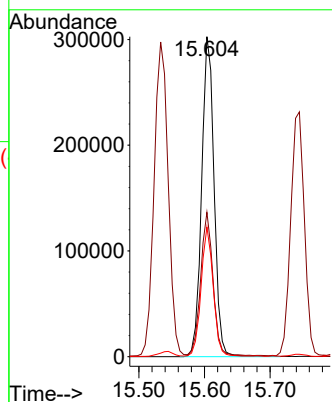
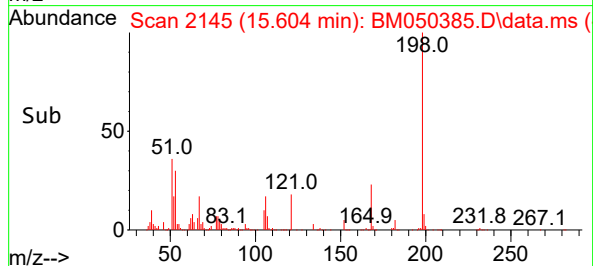
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:198 Resp: 399918
Ion Ratio Lower Upper
198 100
51 45.1 26.6 66.6
105 40.5 20.9 60.9

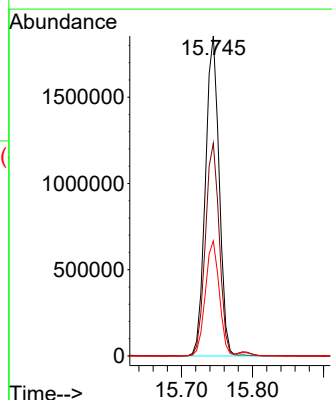
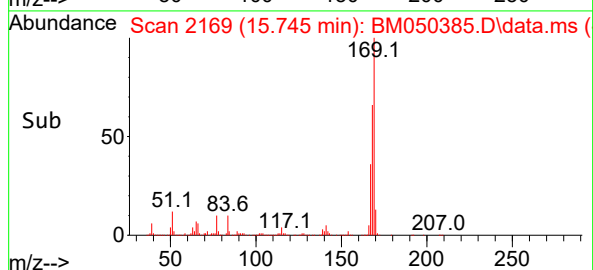
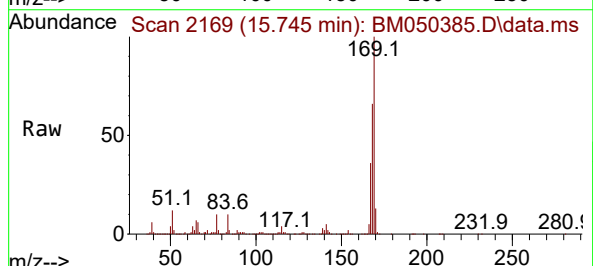
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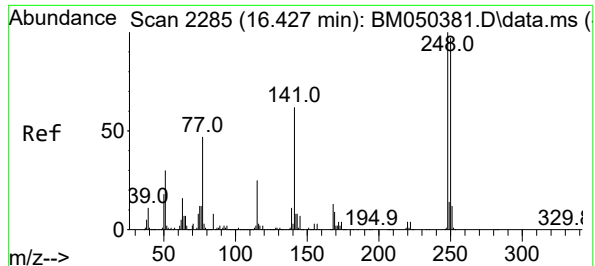
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:169 Resp: 2506809
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.0 28.7 43.1





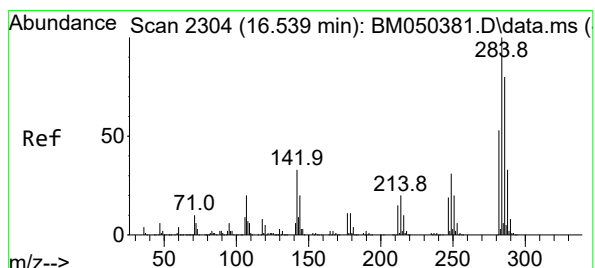
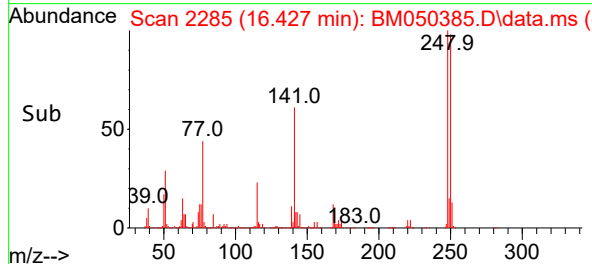
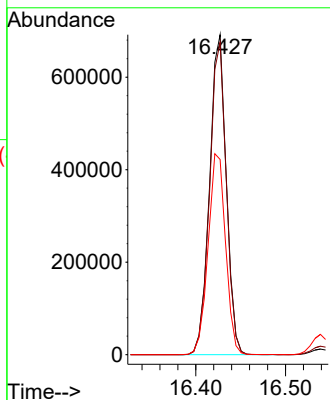
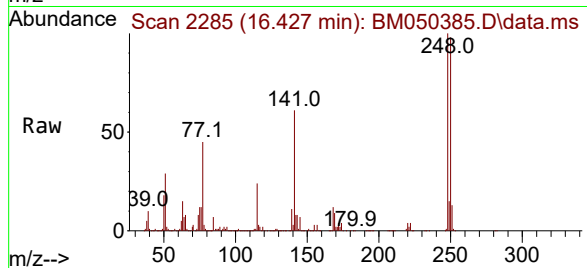
#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:248 Resp: 894310
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 61.0 49.7 74.5

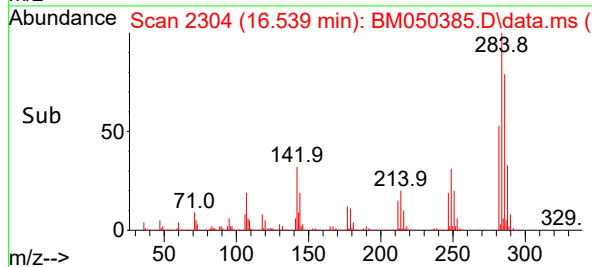
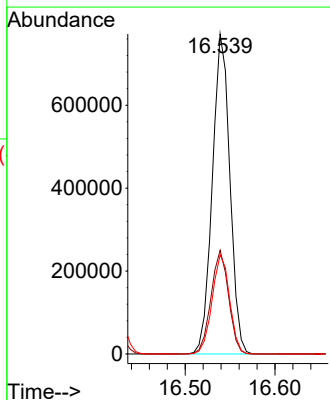
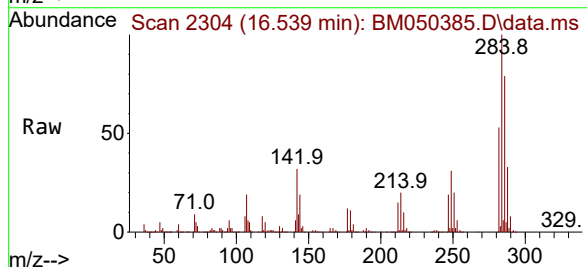
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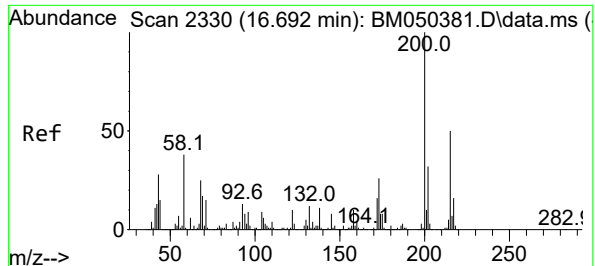
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:284 Resp: 1046980
Ion Ratio Lower Upper
284 100
142 32.4 26.8 40.2
249 31.0 24.5 36.7





#69

Atrazine

Concen: 44.212 ng

RT: 16.692 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:200 Resp: 86245

Ion Ratio Lower Upper

200 100

173 25.2 5.6 45.6

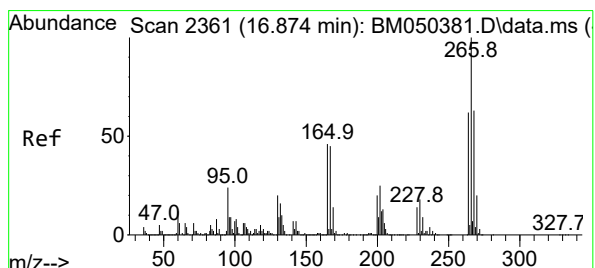
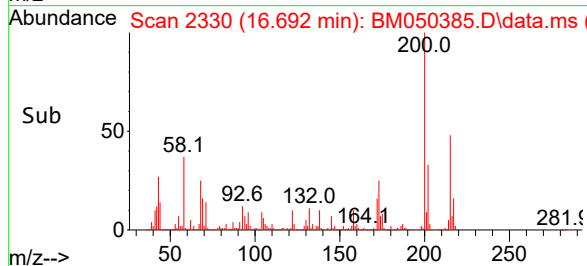
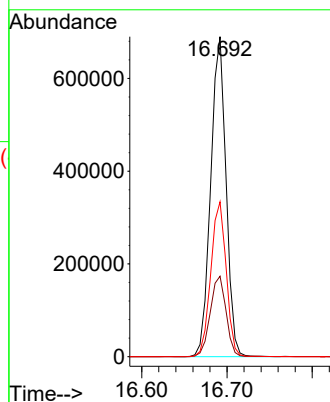
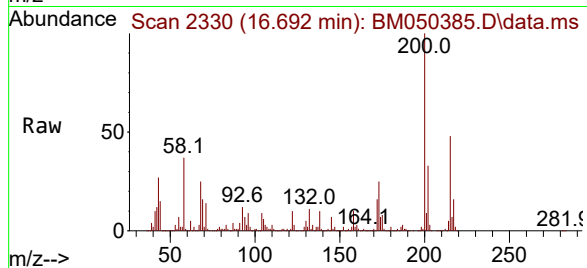
215 48.4 29.6 69.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#70

Pentachlorophenol

Concen: 43.075 ng

RT: 16.874 min Scan# 2361

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

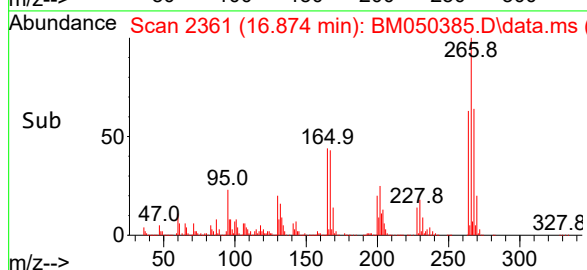
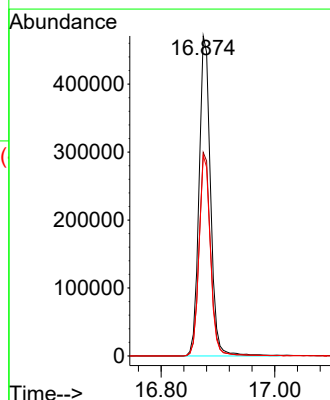
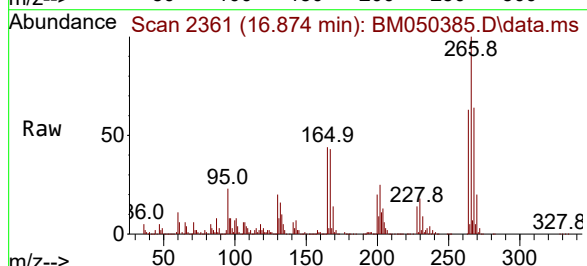
Tgt Ion:266 Resp: 662449

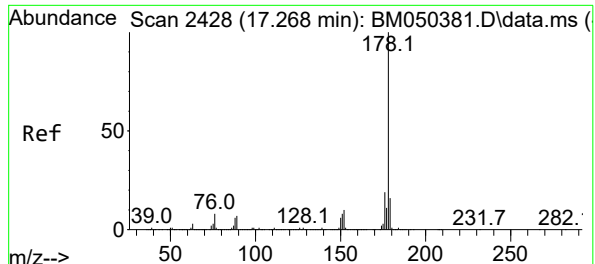
Ion Ratio Lower Upper

266 100

268 63.6 50.5 75.7

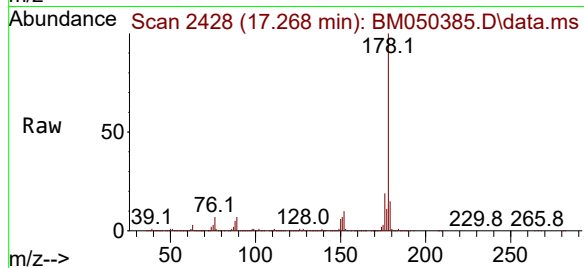
264 62.6 49.9 74.9





#71
Phenanthrene
Concen: 41.373 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

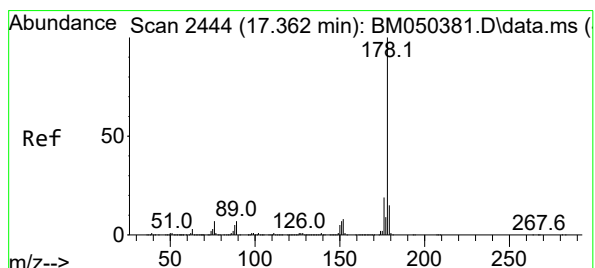
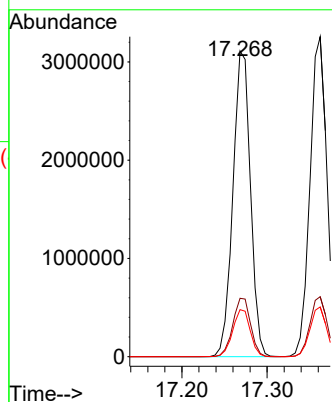
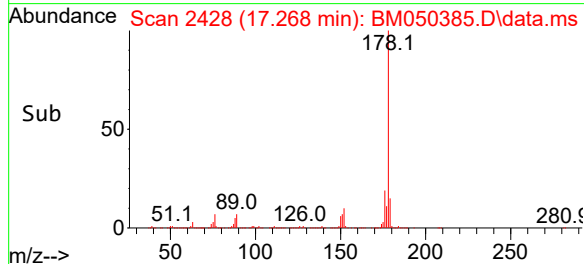
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:178 Resp: 4444618
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.5 18.7

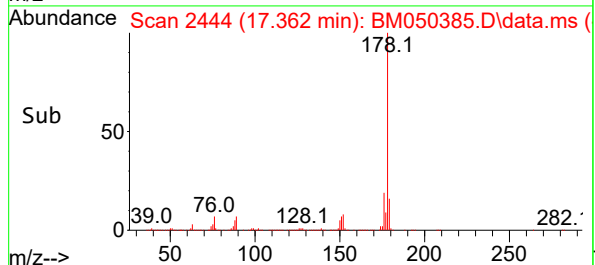
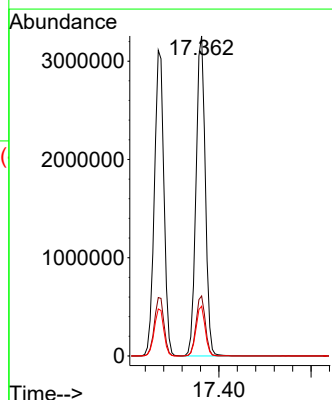
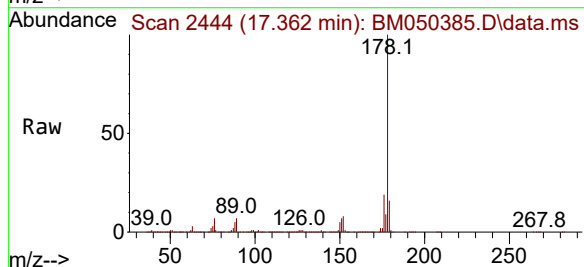
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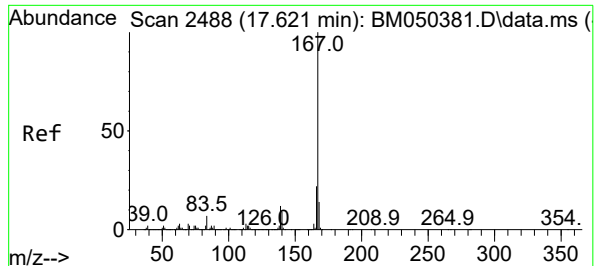
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#72
Anthracene
Concen: 42.316 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

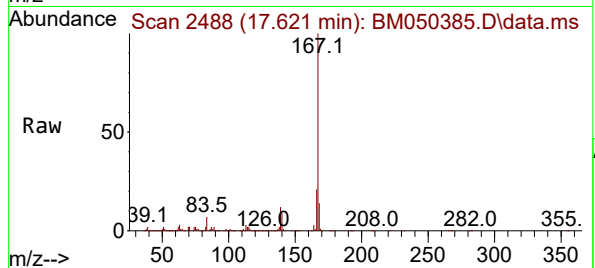
Tgt Ion:178 Resp: 4525011
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 12.2 18.4





#73
Carbazole
Concen: 41.806 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

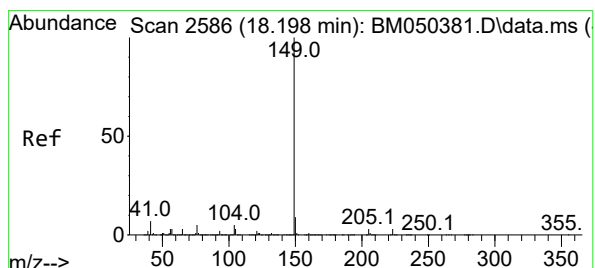
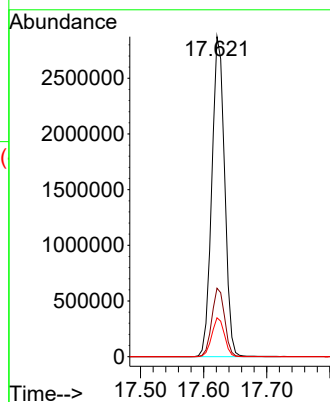
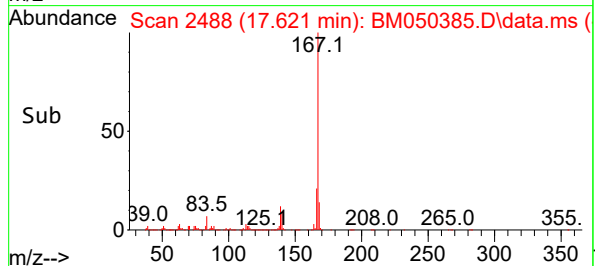
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:167 Resp: 4044979
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.2 9.9 14.9

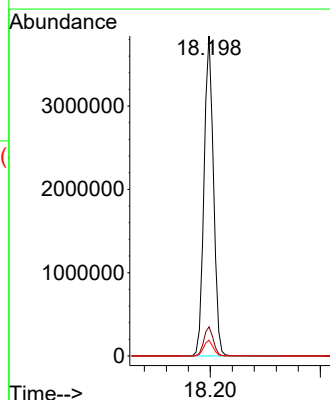
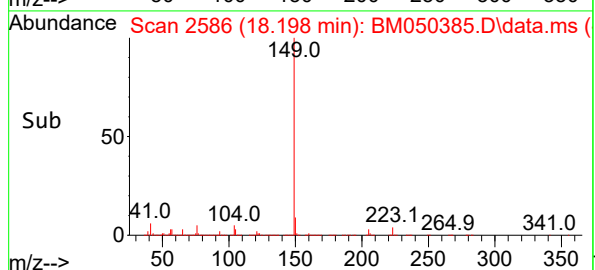
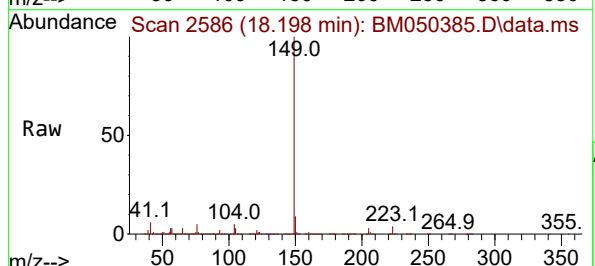
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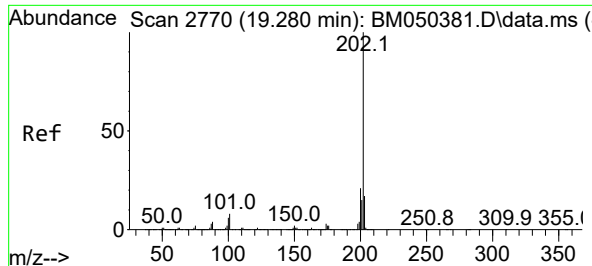
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#74
Di-n-butylphthalate
Concen: 43.247 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

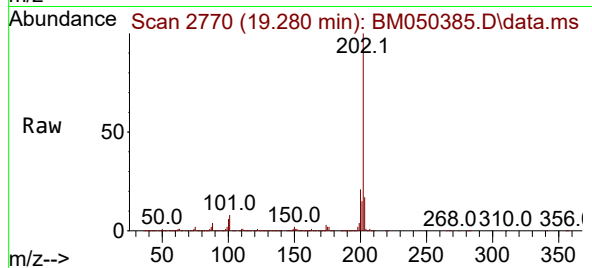
Tgt Ion:149 Resp: 4579991
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 42.474 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

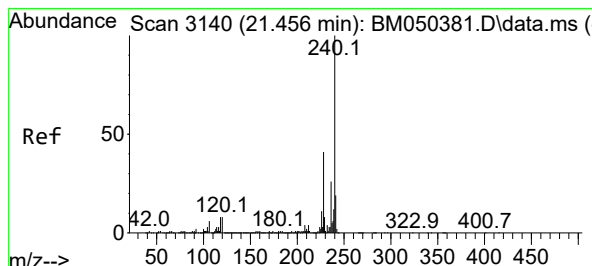
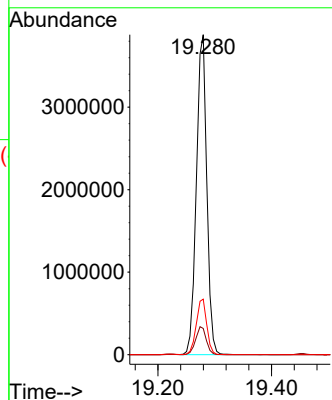
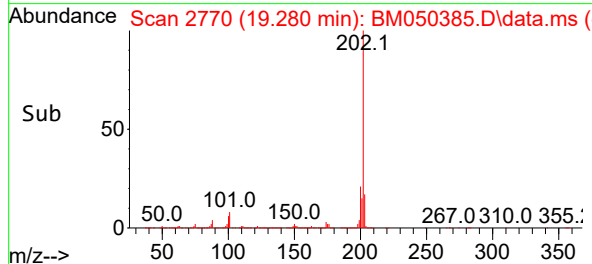
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:202 Resp: 4960360
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.3
203 17.4 0.0 37.2

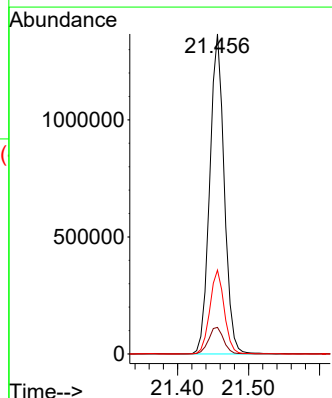
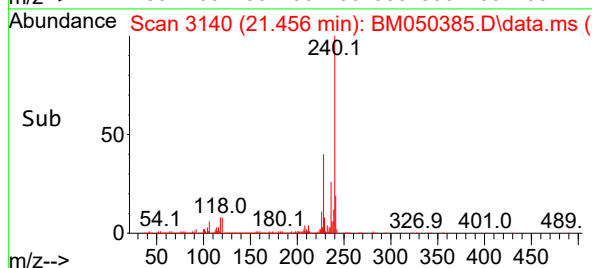
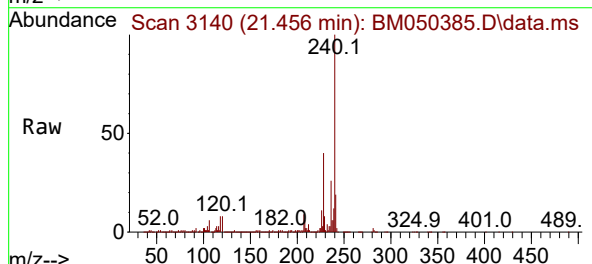
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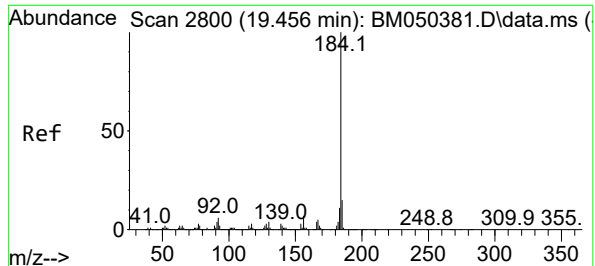
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

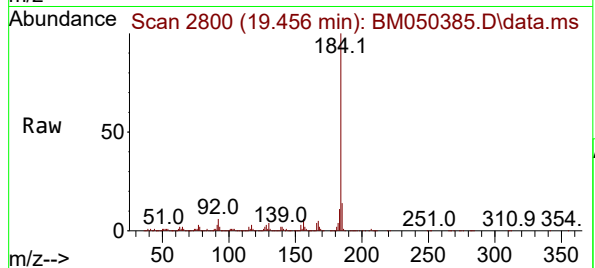
Tgt Ion:240 Resp: 1940016
Ion Ratio Lower Upper
240 100
120 8.3 6.7 10.1
236 26.2 20.7 31.1





#77
Benzidine
Concen: 53.050 ng
RT: 19.456 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

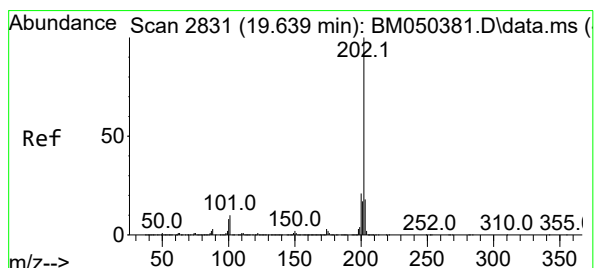
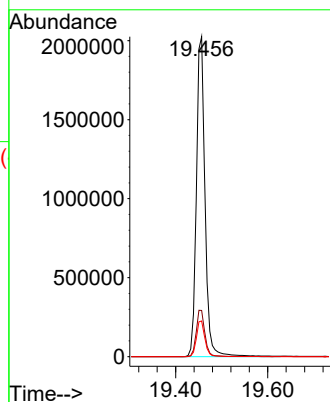
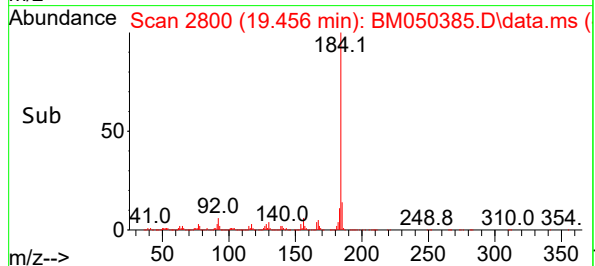
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:184 Resp: 2625052
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 9.0 13.6

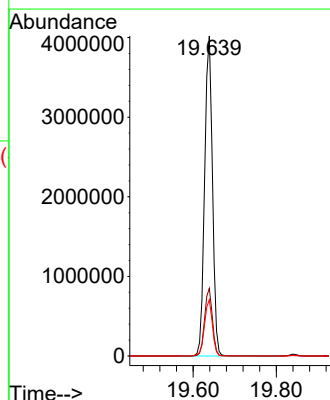
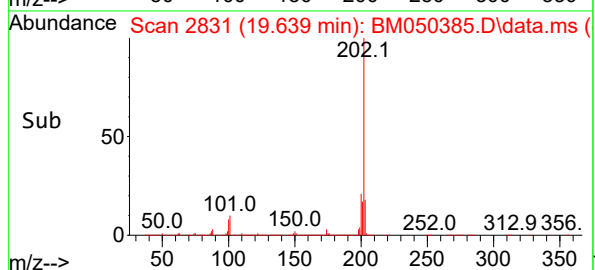
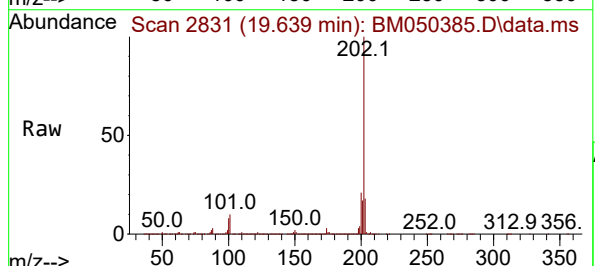
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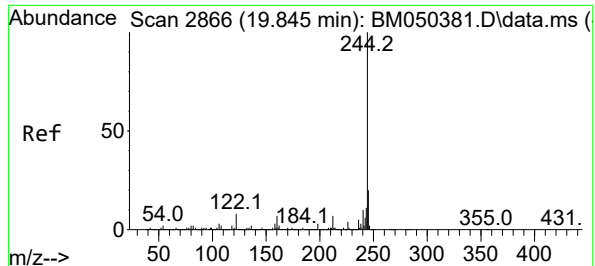
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#78
Pyrene
Concen: 42.257 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

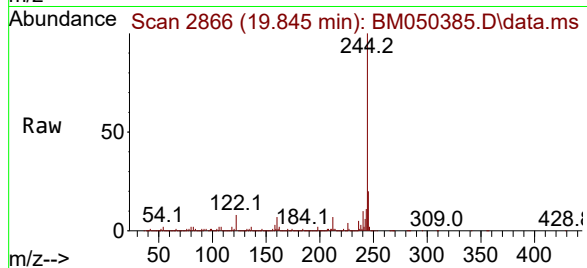
Tgt Ion:202 Resp: 5250364
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 79.145 ng
RT: 19.845 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

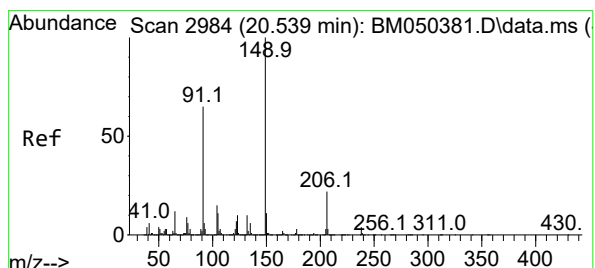
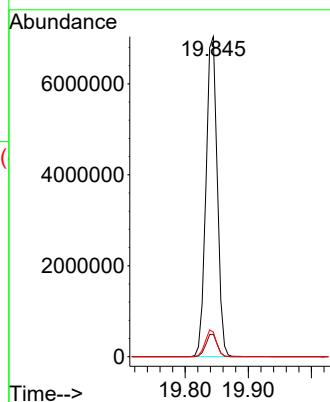
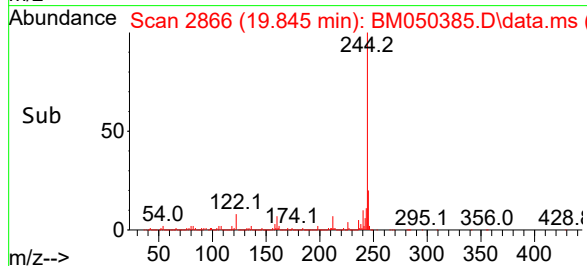
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:244 Resp: 8726739
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 7.7 6.2 9.2

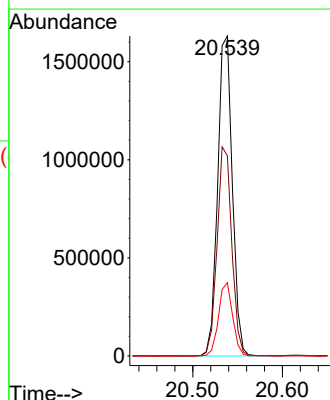
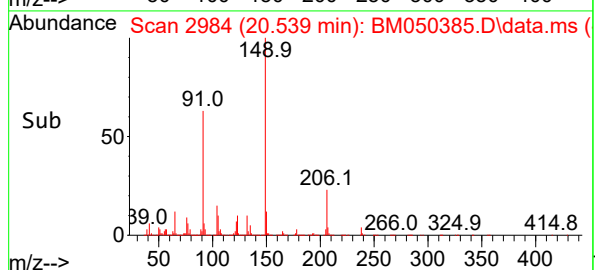
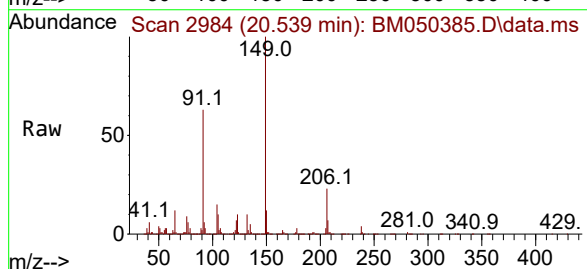
Manual Integrations
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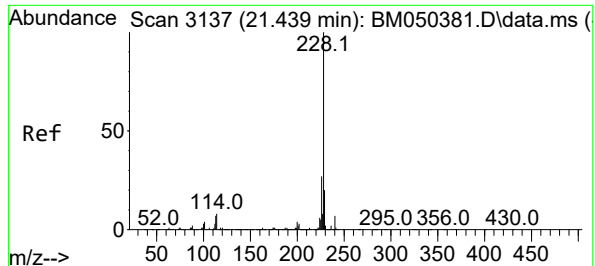
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#80
Butylbenzylphthalate
Concen: 45.139 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

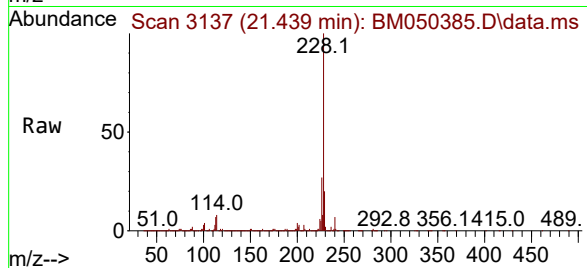
Tgt Ion:149 Resp: 1849278
Ion Ratio Lower Upper
149 100
91 62.6 51.6 77.4
206 22.9 17.8 26.8





#81
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

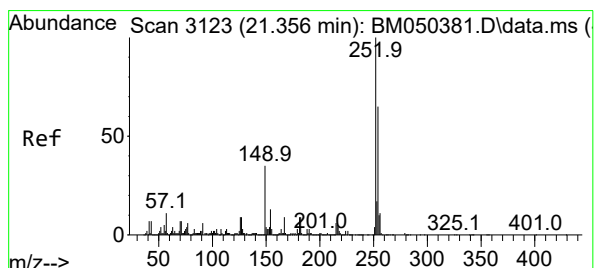
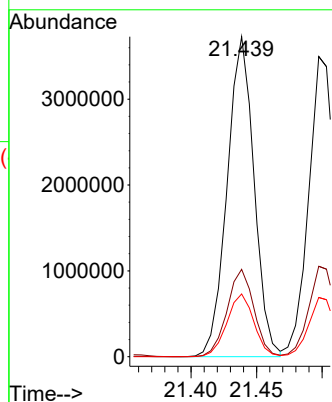
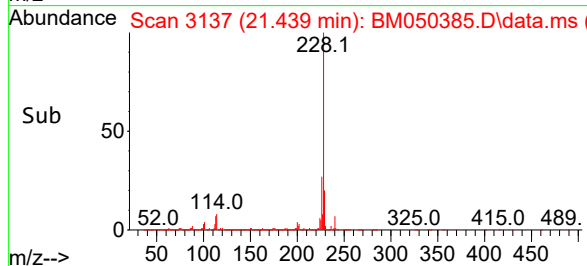
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:228 Resp: 532277
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 16.0 24.0

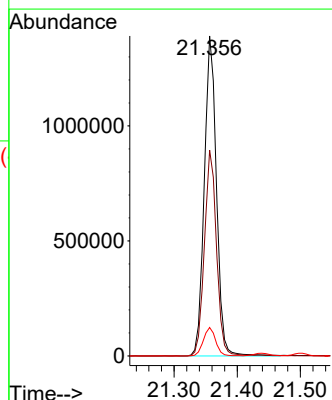
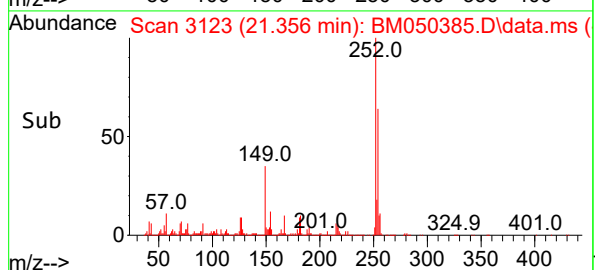
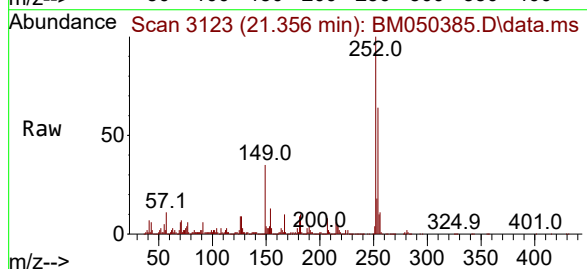
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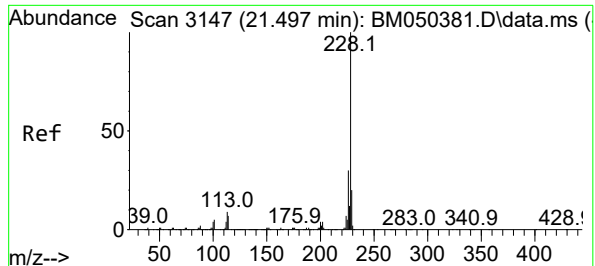
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.733 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 1864267
Ion Ratio Lower Upper
252 100
254 64.4 51.7 77.5
126 8.9 7.3 10.9





#83

Chrysene

Concen: 41.924 ng

RT: 21.497 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:228 Resp: 4998500

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

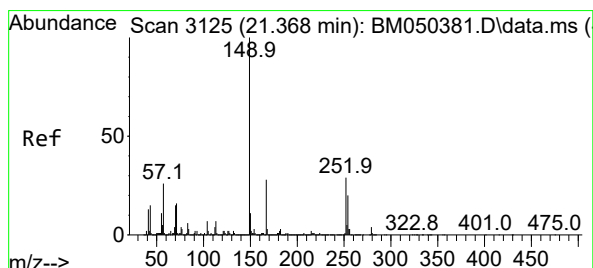
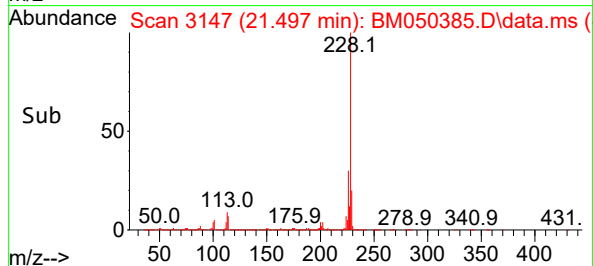
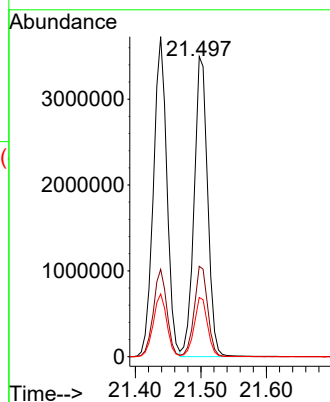
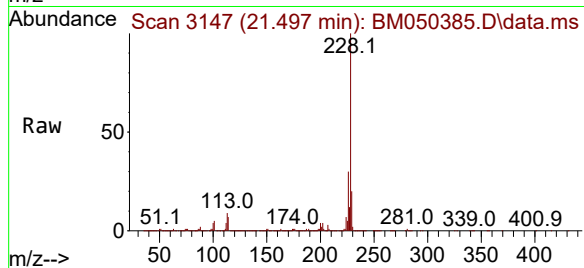
229 19.8 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.481 ng

RT: 21.368 min Scan# 3125

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

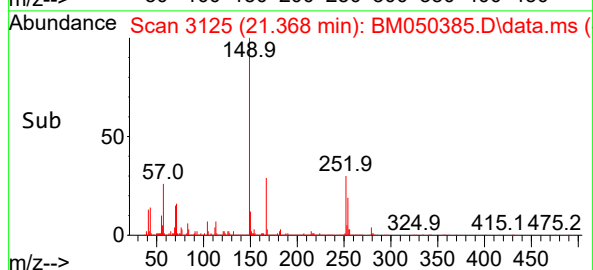
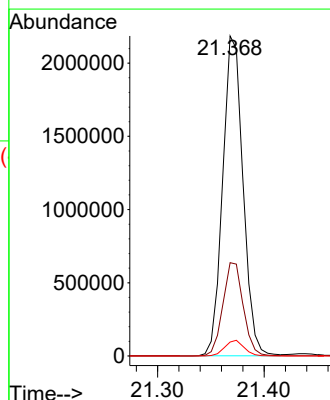
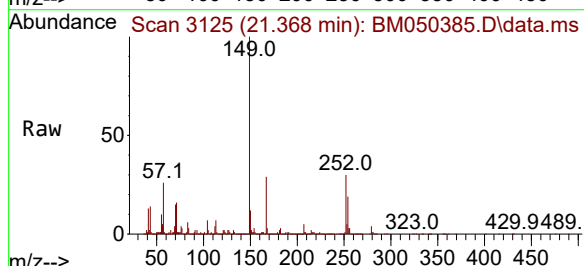
Tgt Ion:149 Resp: 2892877

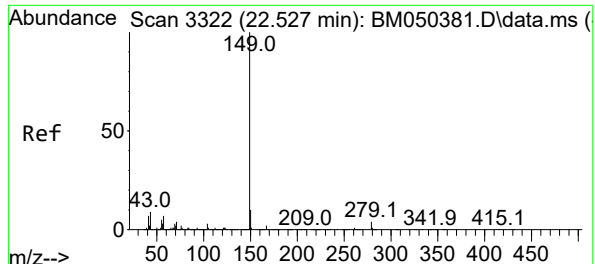
Ion Ratio Lower Upper

149 100

167 29.2 22.7 34.1

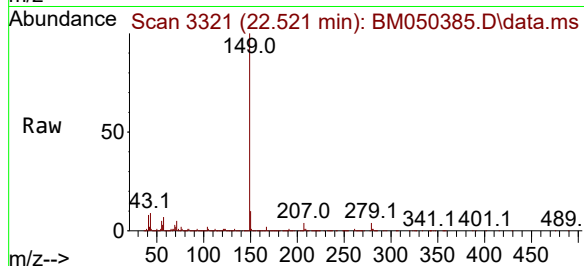
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 43.760 ng
RT: 22.521 min Scan# 3322
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

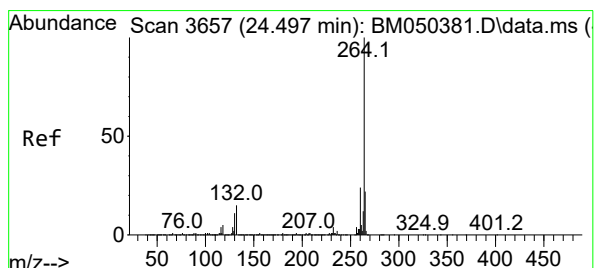
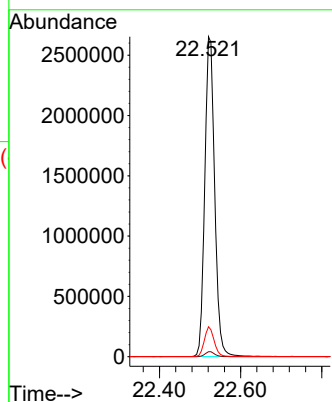
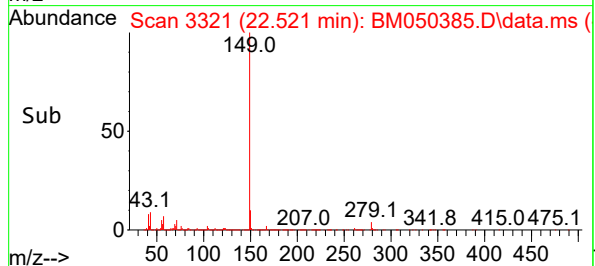
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



Tgt Ion:149 Resp: 4457449
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.3 7.7 11.5

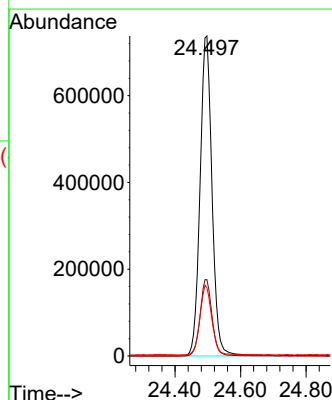
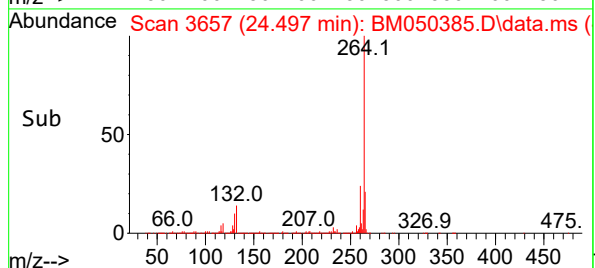
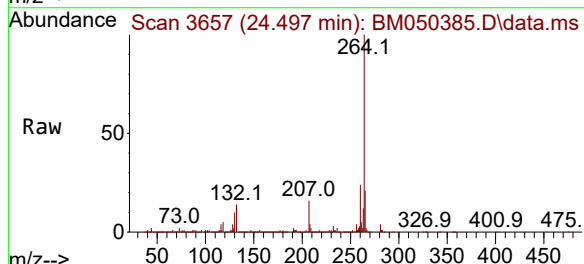
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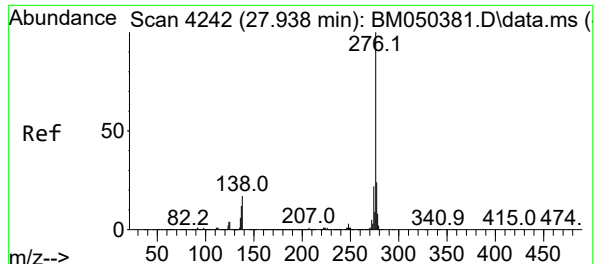
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

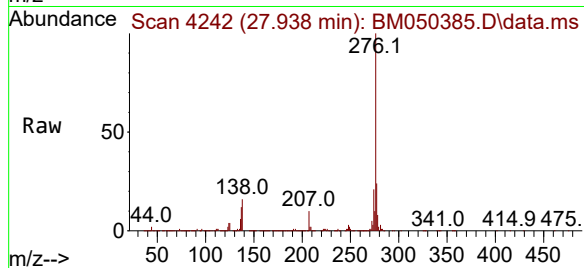
Tgt Ion:264 Resp: 1874427
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.377 ng
RT: 27.938 min Scan# 4242
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

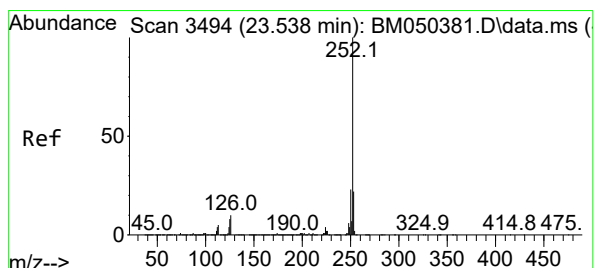
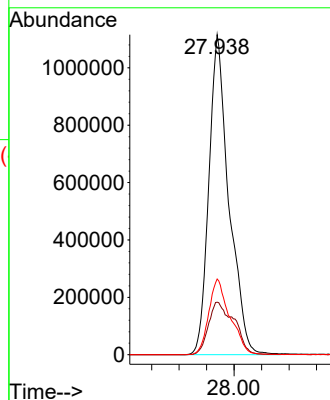
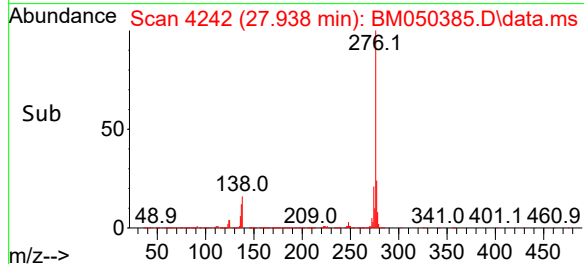
Instrument :
BNA_M
ClientSampleId :
ICVBM070925



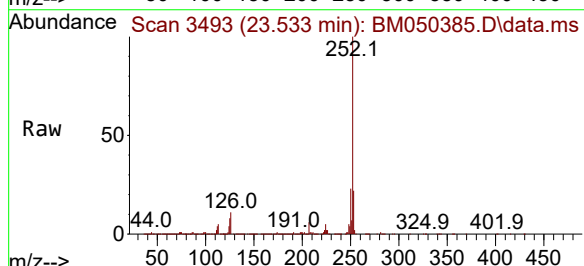
Tgt Ion: 276 Resp: 5647629
Ion Ratio Lower Upper
276 100
138 21.1 17.0 25.6
277 25.0 20.0 30.0

Manual Integrations
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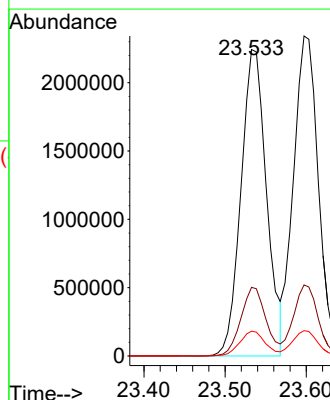
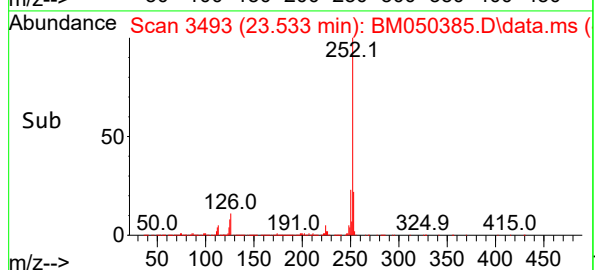
Reviewed By :Rahul Chavli 07/09/2025
Supervised By :Jagrut Upadhyay 07/09/2025

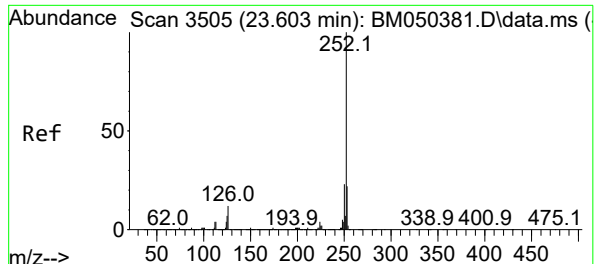


#88
Benzo(b)fluoranthene
Concen: 42.558 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05



Tgt Ion: 252 Resp: 4906807
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.1 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 41.883 ng

RT: 23.597 min Scan# 3505

Delta R.T. -0.006 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:252 Resp: 501069

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

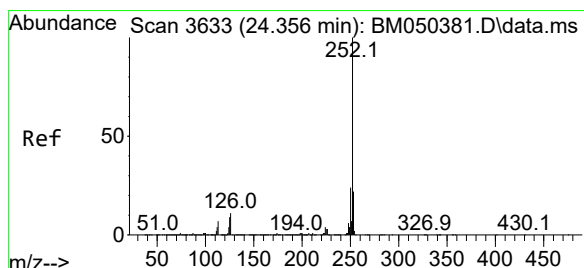
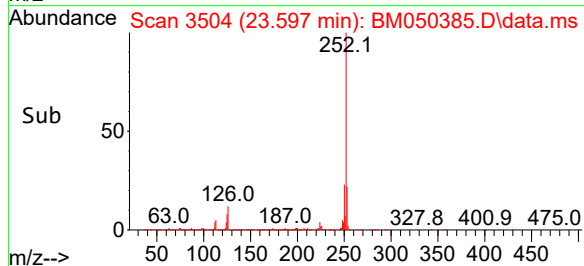
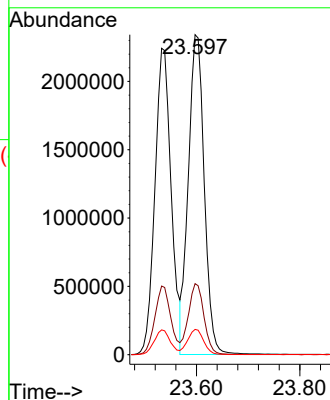
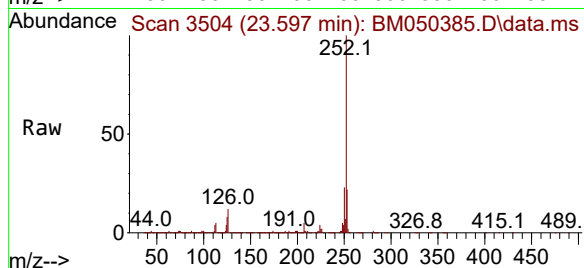
125 7.9 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#90

Benzo(a)pyrene

Concen: 42.933 ng

RT: 24.356 min Scan# 3633

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

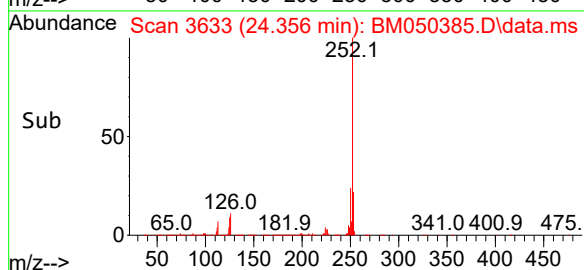
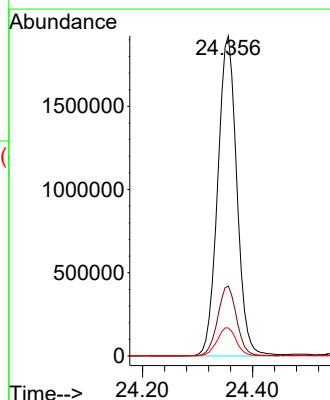
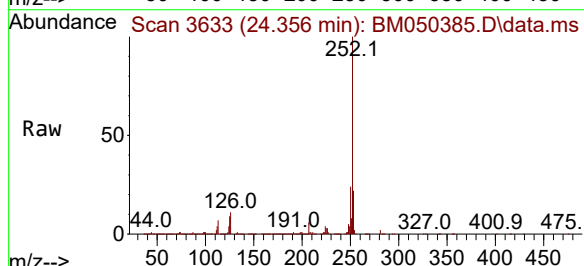
Tgt Ion:252 Resp: 4633762

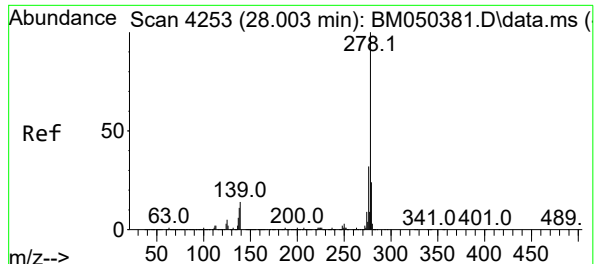
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 42.521 ng

RT: 28.003 min Scan# 4253

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

Instrument :

BNA_M

ClientSampleId :

ICVBM070925

Tgt Ion:278 Resp: 4772470

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

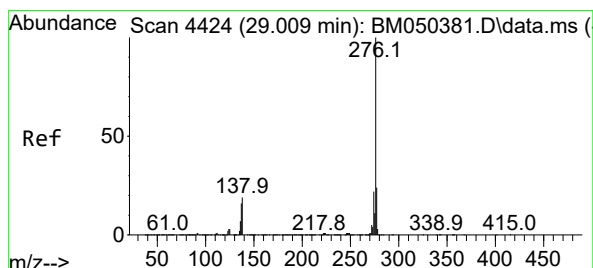
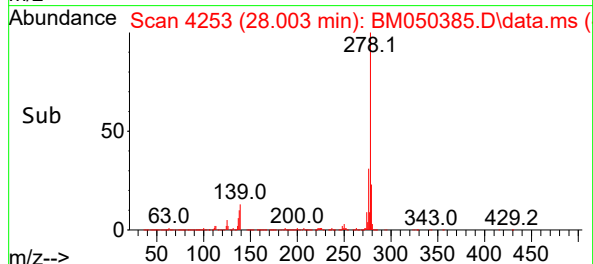
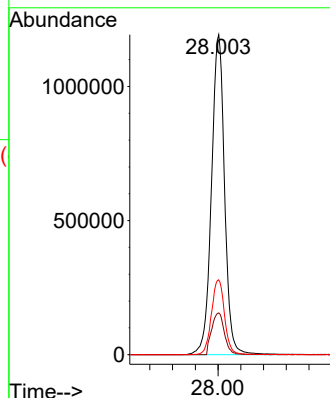
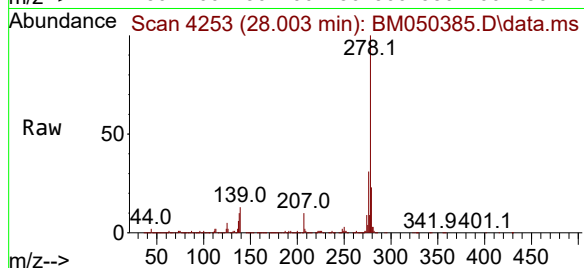
279 23.4 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/09/2025

Supervised By :Jagrut Upadhyay 07/09/2025



#92

Benzo(g,h,i)perylene

Concen: 42.197 ng

RT: 29.009 min Scan# 4424

Delta R.T. 0.000 min

Lab File: BM050385.D

Acq: 08 Jul 2025 18:05

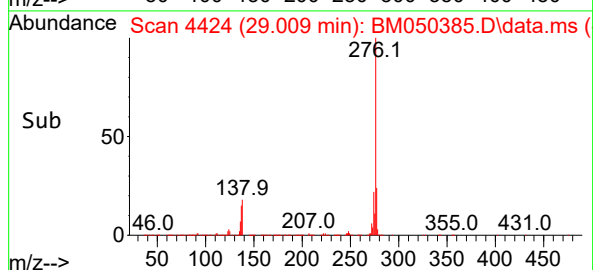
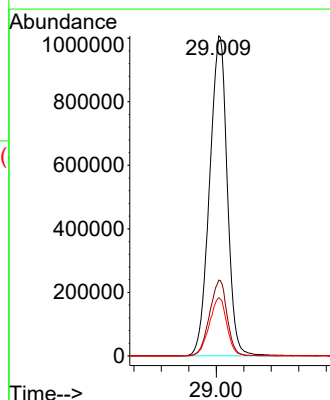
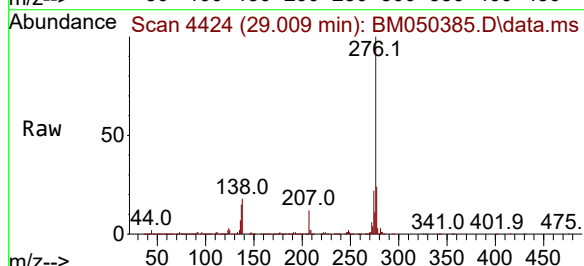
Tgt Ion:276 Resp: 4476118

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 18.2 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 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	0.478	0.454	5.0	102	0.00
3	Pyridine	1.254	1.289	-2.8	109	0.00
4	n-Nitrosodimethylamine	0.585	0.597	-2.1	108	0.00
5 S	2-Fluorophenol	1.162	1.160	0.2	104	0.00
6	Aniline	1.880	2.000	-6.4	110	0.00
7 S	Phenol-d6	1.465	1.477	-0.8	104	0.00
8	2-Chlorophenol	1.225	1.315	-7.3	112	0.00
9	Benzaldehyde	0.871	0.988	-13.4	114	0.00
10 C	Phenol	1.528	1.608	-5.2	111	0.00
11	bis(2-Chloroethyl)ether	1.223	1.292	-5.6	112	0.00
12	1,3-Dichlorobenzene	1.490	1.559	-4.6	112	0.00
13 C	1,4-Dichlorobenzene	1.521	1.582	-4.0	112	0.00
14	1,2-Dichlorobenzene	1.456	1.510	-3.7	111	0.00
15	Benzyl Alcohol	1.032	1.098	-6.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.802	1.851	-2.7	110	0.00
17	2-Methylphenol	0.991	1.058	-6.8	111	0.00
18	Hexachloroethane	0.535	0.560	-4.7	112	0.00
19 P	n-Nitroso-di-n-propylamine	0.887	0.980	-10.5	111	0.00
20	3+4-Methylphenols	1.330	1.406	-5.7	110	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22	Acetophenone	0.500	0.529	-5.8	112	0.00
23 S	Nitrobenzene-d5	0.392	0.358	8.7	95	0.00
24	Nitrobenzene	0.350	0.366	-4.6	110	0.00
25	Isophorone	0.636	0.682	-7.2	111	0.00
26 C	2-Nitrophenol	0.143	0.166	-16.1	117	0.00
27	2,4-Dimethylphenol	0.303	0.322	-6.3	112	0.00
28	bis(2-Chloroethoxy)methane	0.422	0.441	-4.5	110	0.00
29 C	2,4-Dichlorophenol	0.312	0.336	-7.7	112	0.00
30	1,2,4-Trichlorobenzene	0.373	0.392	-5.1	112	0.00
31	Naphthalene	1.016	1.048	-3.1	110	0.00
32	Benzoic acid	0.165	0.191	-15.8	121	0.00
33	4-Chloroaniline	0.429	0.455	-6.1	110	0.00
34 C	Hexachlorobutadiene	0.228	0.241	-5.7	113	0.00
35	Caprolactam	0.085	0.092	-8.2	110	0.00
36 C	4-Chloro-3-methylphenol	0.291	0.315	-8.2	111	0.00
37	2-Methylnaphthalene	0.641	0.684	-6.7	112	0.00
38	1-Methylnaphthalene	0.679	0.718	-5.7	111	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.636	0.681	-7.1	114	0.00
41 P	Hexachlorocyclopentadiene	0.407	0.437	-7.4	115	0.00
42 S	2,4,6-Tribromophenol	0.243	0.255	-4.9	107	0.00
43 C	2,4,6-Trichlorophenol	0.391	0.426	-9.0	113	0.00
44	2,4,5-Trichlorophenol	0.428	0.465	-8.6	113	0.00
45 S	2-Fluorobiphenyl	1.620	1.431	11.7	94	0.00
46	1,1'-Biphenyl	1.484	1.542	-3.9	112	0.00
47	2-Chloronaphthalene	1.183	1.221	-3.2	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 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	0.264	0.294	-11.4	110	0.00
49	Acenaphthylene	1.788	1.876	-4.9	110	0.00
50	Dimethylphthalate	1.377	1.433	-4.1	111	0.00
51	2,6-Dinitrotoluene	0.264	0.293	-11.0	112	0.00
52 C	Acenaphthene	1.137	1.181	-3.9	111	0.00
53	3-Nitroaniline	0.281	0.315	-12.1	112	0.00
54 P	2,4-Dinitrophenol	0.121	0.132	-9.1	118	0.00
55	Dibenzofuran	1.751	1.790	-2.2	109	0.00
56 P	4-Nitrophenol	0.242	0.259	-7.0	110	0.00
57	2,4-Dinitrotoluene	0.350	0.401	-14.6	113	0.00
58	Fluorene	1.443	1.494	-3.5	110	0.00
59	2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	111	0.00
60	Diethylphthalate	1.315	1.368	-4.0	109	0.00
61	4-Chlorophenyl-phenylether	0.754	0.798	-5.8	111	0.00
62	4-Nitroaniline	0.288	0.322	-11.8	108	0.00
63	Azobenzene	1.208	1.254	-3.8	108	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	0.095	0.105	-10.5	117	0.00
66 c	n-Nitrosodiphenylamine	0.626	0.660	-5.4	110	0.00
67	4-Bromophenyl-phenylether	0.220	0.236	-7.3	112	0.00
68	Hexachlorobenzene	0.260	0.276	-6.2	111	0.00
69	Atrazine	0.206	0.227	-10.2	111	0.00
70 C	Pentachlorophenol	0.162	0.174	-7.4	112	0.00
71	Phenanthrene	1.132	1.171	-3.4	110	0.00
72	Anthracene	1.127	1.192	-5.8	110	0.00
73	Carbazole	1.019	1.065	-4.5	109	0.00
74	Di-n-butylphthalate	1.116	1.206	-8.1	109	0.00
75 C	Fluoranthene	1.230	1.306	-6.2	110	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzidine	0.510	0.677	-32.7#	125	0.00
78	Pyrene	1.281	1.353	-5.6	109	0.00
79 S	Terphenyl-d14	1.137	1.125	1.1	91	0.00
80	Butylbenzylphthalate	0.422	0.477	-13.0	110	0.00
81	Benzo(a)anthracene	1.303	1.372	-5.3	109	0.00
82	3,3'-Dichlorobenzidine	0.439	0.480	-9.3	114	0.00
83	Chrysene	1.229	1.288	-4.8	109	0.00
84	Bis(2-ethylhexyl)phthalate	0.670	0.746	-11.3	108	0.00
85 c	Di-n-octyl phthalate	1.050	1.149	-9.4	111	0.00
86 I	Perylene-d12	1.000	1.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	1.422	1.506	-5.9	108	0.00
88	Benzo(b)fluoranthene	1.230	1.309	-6.4	108	0.00
89	Benzo(k)fluoranthene	1.276	1.337	-4.8	108	0.00
90 C	Benzo(a)pyrene	1.152	1.236	-7.3	109	0.00
91	Dibenzo(a,h)anthracene	1.198	1.273	-6.3	109	0.00
92	Benzo(g,h,i)perylene	1.132	1.194	-5.5	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 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\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 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	37.994	5.0	102	0.00
3	Pyridine	40.000	41.118	-2.8	109	0.00
4	n-Nitrosodimethylamine	40.000	40.835	-2.1	108	0.00
5 S	2-Fluorophenol	80.000	79.859	0.2	104	0.00
6	Aniline	40.000	42.568	-6.4	110	0.00
7 S	Phenol-d6	80.000	80.660	-0.8	104	0.00
8	2-Chlorophenol	40.000	42.935	-7.3	112	0.00
9	Benzaldehyde	40.000	45.376	-13.4	114	0.00
10 C	Phenol	40.000	42.114	-5.3	111	0.00
11	bis(2-Chloroethyl)ether	40.000	42.240	-5.6	112	0.00
12	1,3-Dichlorobenzene	40.000	41.848	-4.6	112	0.00
13 C	1,4-Dichlorobenzene	40.000	41.609	-4.0	112	0.00
14	1,2-Dichlorobenzene	40.000	41.478	-3.7	111	0.00
15	Benzyl Alcohol	40.000	42.555	-6.4	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.095	-2.7	110	0.00
17	2-Methylphenol	40.000	42.726	-6.8	111	0.00
18	Hexachloroethane	40.000	41.906	-4.8	112	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	44.168	-10.4	111	0.00
20	3+4-Methylphenols	40.000	42.276	-5.7	110	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22	Acetophenone	40.000	42.290	-5.7	112	0.00
23 S	Nitrobenzene-d5	80.000	73.139	8.6	95	0.00
24	Nitrobenzene	40.000	41.860	-4.6	110	0.00
25	Isophorone	40.000	42.909	-7.3	111	0.00
26 C	2-Nitrophenol	40.000	46.488	-16.2	117	0.00
27	2,4-Dimethylphenol	40.000	42.470	-6.2	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.880	-4.7	110	0.00
29 C	2,4-Dichlorophenol	40.000	43.061	-7.7	112	0.00
30	1,2,4-Trichlorobenzene	40.000	42.001	-5.0	112	0.00
31	Naphthalene	40.000	41.281	-3.2	110	0.00
32	Benzoic acid	40.000	41.913	-4.8	121	0.00
33	4-Chloroaniline	40.000	42.424	-6.1	110	0.00
34 C	Hexachlorobutadiene	40.000	42.386	-6.0	113	0.00
35	Caprolactam	40.000	43.156	-7.9	110	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.312	-8.3	111	0.00
37	2-Methylnaphthalene	40.000	42.637	-6.6	112	0.00
38	1-Methylnaphthalene	40.000	42.292	-5.7	111	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	42.859	-7.1	114	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.015	-7.5	115	0.00
42 S	2,4,6-Tribromophenol	80.000	83.788	-4.7	107	0.00
43 C	2,4,6-Trichlorophenol	40.000	43.485	-8.7	113	0.00
44	2,4,5-Trichlorophenol	40.000	43.542	-8.9	113	0.00
45 S	2-Fluorobiphenyl	80.000	70.689	11.6	94	0.00
46	1,1'-Biphenyl	40.000	41.557	-3.9	112	0.00
47	2-Chloronaphthalene	40.000	41.272	-3.2	111	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
 Data File : BM050385.D
 Acq On : 08 Jul 2025 18:05
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM070925

Quant Time: Jul 09 01:17:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	44.497	-11.2	110	0.00
49	Acenaphthylene	40.000	41.972	-4.9	110	0.00
50	Dimethylphthalate	40.000	41.635	-4.1	111	0.00
51	2,6-Dinitrotoluene	40.000	44.405	-11.0	112	0.00
52 C	Acenaphthene	40.000	41.562	-3.9	111	0.00
53	3-Nitroaniline	40.000	44.871	-12.2	112	0.00
54 P	2,4-Dinitrophenol	40.000	39.797	0.5	118	0.00
55	Dibenzofuran	40.000	40.877	-2.2	109	0.00
56 P	4-Nitrophenol	40.000	42.822	-7.1	110	0.00
57	2,4-Dinitrotoluene	40.000	40.905	-2.3	113	0.00
58	Fluorene	40.000	41.425	-3.6	110	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.229	-8.1	111	0.00
60	Diethylphthalate	40.000	41.609	-4.0	109	0.00
61	4-Chlorophenyl-phenylether	40.000	42.288	-5.7	111	0.00
62	4-Nitroaniline	40.000	40.288	-0.7	108	0.00
63	Azobenzene	40.000	41.531	-3.8	108	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65	4,6-Dinitro-2-methylphenol	40.000	40.334	-0.8	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.198	-5.5	110	0.00
67	4-Bromophenyl-phenylether	40.000	42.755	-6.9	112	0.00
68	Hexachlorobenzene	40.000	42.380	-6.0	111	0.00
69	Atrazine	40.000	44.212	-10.5	111	0.00
70 C	Pentachlorophenol	40.000	43.075	-7.7	112	0.00
71	Phenanthrene	40.000	41.373	-3.4	110	0.00
72	Anthracene	40.000	42.316	-5.8	110	0.00
73	Carbazole	40.000	41.806	-4.5	109	0.00
74	Di-n-butylphthalate	40.000	43.247	-8.1	109	0.00
75 C	Fluoranthene	40.000	42.474	-6.2	110	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzydine	40.000	53.050	-32.6#	125	0.00
78	Pyrene	40.000	42.257	-5.6	109	0.00
79 S	Terphenyl-d14	80.000	79.145	1.1	91	0.00
80	Butylbenzylphthalate	40.000	45.139	-12.8	110	0.00
81	Benzo(a)anthracene	40.000	42.109	-5.3	109	0.00
82	3,3'-Dichlorobenzidine	40.000	43.733	-9.3	114	0.00
83	Chrysene	40.000	41.924	-4.8	109	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	44.481	-11.2	108	0.00
85 c	Di-n-octyl phthalate	40.000	43.760	-9.4	111	0.00
86 I	Perylene-d12	20.000	20.000	0.0	102	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	42.377	-5.9	108	0.00
88	Benzo(b)fluoranthene	40.000	42.558	-6.4	108	0.00
89	Benzo(k)fluoranthene	40.000	41.883	-4.7	108	0.00
90 C	Benzo(a)pyrene	40.000	42.933	-7.3	109	0.00
91	Dibenzo(a,h)anthracene	40.000	42.521	-6.3	109	0.00
92	Benzo(g,h,i)perylene	40.000	42.197	-5.5	108	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 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:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2664</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>07/30/2025 15:22</u>
Lab File ID:	<u>BF143269.D</u>	Init. Calib. Date(s):	<u>07/17/2025 07/17/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>11:04 14:34</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.107		-12.4	
Benzaldehyde	1.193	1.062		-11.0	
Phenol-d6	1.591	1.376		-13.5	
bis(2-Chloroethyl)ether	1.327	1.137		-14.3	
2,2-oxybis(1-Chloropropane)	2.461	2.088		-15.2	
Acetophenone	0.474	0.411		-13.3	
n-Nitroso-di-n-propylamine	1.021	0.867	0.050	-15.1	
Nitrobenzene-d5	0.401	0.370		-7.7	
Hexachloroethane	0.502	0.469		-6.6	
Nitrobenzene	0.374	0.341		-8.8	
Isophorone	0.708	0.609		-14.0	
bis(2-Chloroethoxy)methane	0.425	0.367		-13.6	
Naphthalene	0.985	0.879		-10.8	
4-Chloroaniline	0.402	0.354		-11.9	
Hexachlorobutadiene	0.184	0.171		-7.1	20.0
Caprolactam	0.084	0.078		-7.1	
2-Methylnaphthalene	0.599	0.538		-10.2	
Hexachlorocyclopentadiene	0.376	0.330	0.050	-12.2	
2-Fluorobiphenyl	1.462	1.329		-9.1	
1,1-Biphenyl	1.560	1.419		-9.0	
2-Chloronaphthalene	1.155	1.047		-9.4	
2-Nitroaniline	0.362	0.352		-2.8	
Dimethylphthalate	1.304	1.196		-8.3	
Acenaphthylene	1.935	1.761		-9.0	
2,6-Dinitrotoluene	0.265	0.261		-1.5	
3-Nitroaniline	0.310	0.293		-5.5	
Acenaphthene	1.144	1.058		-7.5	20.0
Dibenzofuran	1.698	1.533		-9.7	
2,4-Dinitrotoluene	0.333	0.339		1.8	
Diethylphthalate	1.289	1.202		-6.7	
4-Chlorophenyl-phenylether	0.635	0.593		-6.6	
Fluorene	1.274	1.171		-8.1	
4-Nitroaniline	0.266	0.261		-1.9	
n-Nitrosodiphenylamine	0.704	0.615		-12.6	20.0
2,4,6-Tribromophenol	0.207	0.196		-5.3	
4-Bromophenyl-phenylether	0.238	0.213		-10.5	
Hexachlorobenzene	0.249	0.222		-10.8	
Atrazine	0.194	0.185		-4.6	
Phenanthrene	1.062	0.936		-11.9	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG No.: Q2664
 Instrument ID: BNA_F Calibration Date/Time: 07/30/2025 15:22
 Lab File ID: BF143269.D Init. Calib. Date(s): 07/17/2025 07/17/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:04 14:34
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.083	0.967		-10.7	
Carbazole	0.946	0.841		-11.1	
Di-n-butylphthalate	1.070	1.014		-5.2	
Fluoranthene	0.975	0.909		-6.8	20.0
Pyrene	1.707	1.487		-12.9	
Terphenyl-d14	1.344	1.192		-11.3	
Butylbenzylphthalate	0.523	0.578		10.5	
3,3-Dichlorobenzidine	0.446	0.433		-2.9	
Benzo(a)anthracene	1.339	1.235		-7.8	
Chrysene	1.204	1.044		-13.3	
Bis(2-ethylhexyl)phthalate	0.791	0.776		-1.9	
Di-n-octyl phthalate	1.434	1.319		-8.0	20.0
Benzo(b)fluoranthene	1.222	1.066		-12.8	
Benzo(k)fluoranthene	1.090	0.974		-10.6	
Benzo(a)pyrene	1.126	1.015		-9.9	20.0
Indeno(1,2,3-cd)pyrene	1.410	1.283		-9.0	
Dibenzo(a,h)anthracene	1.148	1.036		-9.8	
Benzo(g,h,i)perylene	1.110	1.032		-7.0	
1,2,4,5-Tetrachlorobenzene	0.577	0.540		-6.4	
1,4-Dioxane	0.598	0.494		-17.4	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 15:50:27 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110548	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	425847	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	214991	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	356537	20.000	ng	0.00
76) Chrysene-d12	14.127	240	214084	20.000	ng	0.00
86) Perylene-d12	15.633	264	240904	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	489717	70.102	ng	0.00
7) Phenol-d6	6.593	99	608461	69.199	ng	0.00
23) Nitrobenzene-d5	7.522	82	630415	73.793	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	168949	76.070	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1143096	72.716	ng	0.00
79) Terphenyl-d14	13.069	244	1020665	70.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	109287	33.062	ng	98
3) Pyridine	3.575	79	283112	32.998	ng	98
4) n-Nitrosodimethylamine	3.516	42	151328	34.162	ng	98
6) Aniline	6.622	93	415870	33.936	ng	97
8) 2-Chlorophenol	6.751	128	263293	35.956	ng	96
9) Benzaldehyde	6.510	77	234873	35.622	ng	96
10) Phenol	6.604	94	348132	36.343	ng	94
11) bis(2-Chloroethyl)ether	6.693	93	251401	34.277	ng	100
12) 1,3-Dichlorobenzene	6.904	146	285218	35.856	ng	99
13) 1,4-Dichlorobenzene	6.981	146	288086	35.962	ng	99
14) 1,2-Dichlorobenzene	7.134	146	277025	36.359	ng	100
15) Benzyl Alcohol	7.098	79	244359	36.396	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	461588	33.927	ng	98
17) 2-Methylphenol	7.210	107	218595	35.504	ng	98
18) Hexachloroethane	7.481	117	103774	37.420	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	191609	33.966	ng	98
20) 3+4-Methylphenols	7.363	107	263862	35.323	ng	# 78
22) Acetophenone	7.369	105	349630	34.679	ng	98
24) Nitrobenzene	7.540	77	290169	36.431	ng	98
25) Isophorone	7.781	82	518716	34.395	ng	99
26) 2-Nitrophenol	7.857	139	138717	40.130	ng	99
27) 2,4-Dimethylphenol	7.892	122	241244	34.238	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	312734	34.586	ng	99
29) 2,4-Dichlorophenol	8.098	162	214899	36.165	ng	98
30) 1,2,4-Trichlorobenzene	8.187	180	232114	36.157	ng	99
31) Naphthalene	8.269	128	748463	35.688	ng	100
32) Benzoic acid	7.992	122	125785m	33.450	ng	
33) 4-Chloroaniline	8.310	127	301807	35.243	ng	99
34) Hexachlorobutadiene	8.387	225	145618	37.132	ng	98
35) Caprolactam	8.675	113	66501	37.035	ng	96
36) 4-Chloro-3-methylphenol	8.787	107	233442	36.144	ng	99
37) 2-Methylnaphthalene	8.957	142	457894	35.879	ng	100
38) 1-Methylnaphthalene	9.057	142	469519	35.727	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	232053	37.386	ng	98
41) Hexachlorocyclopentadiene	9.116	237	141730	35.093	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	152856	35.583	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 15:50:27 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

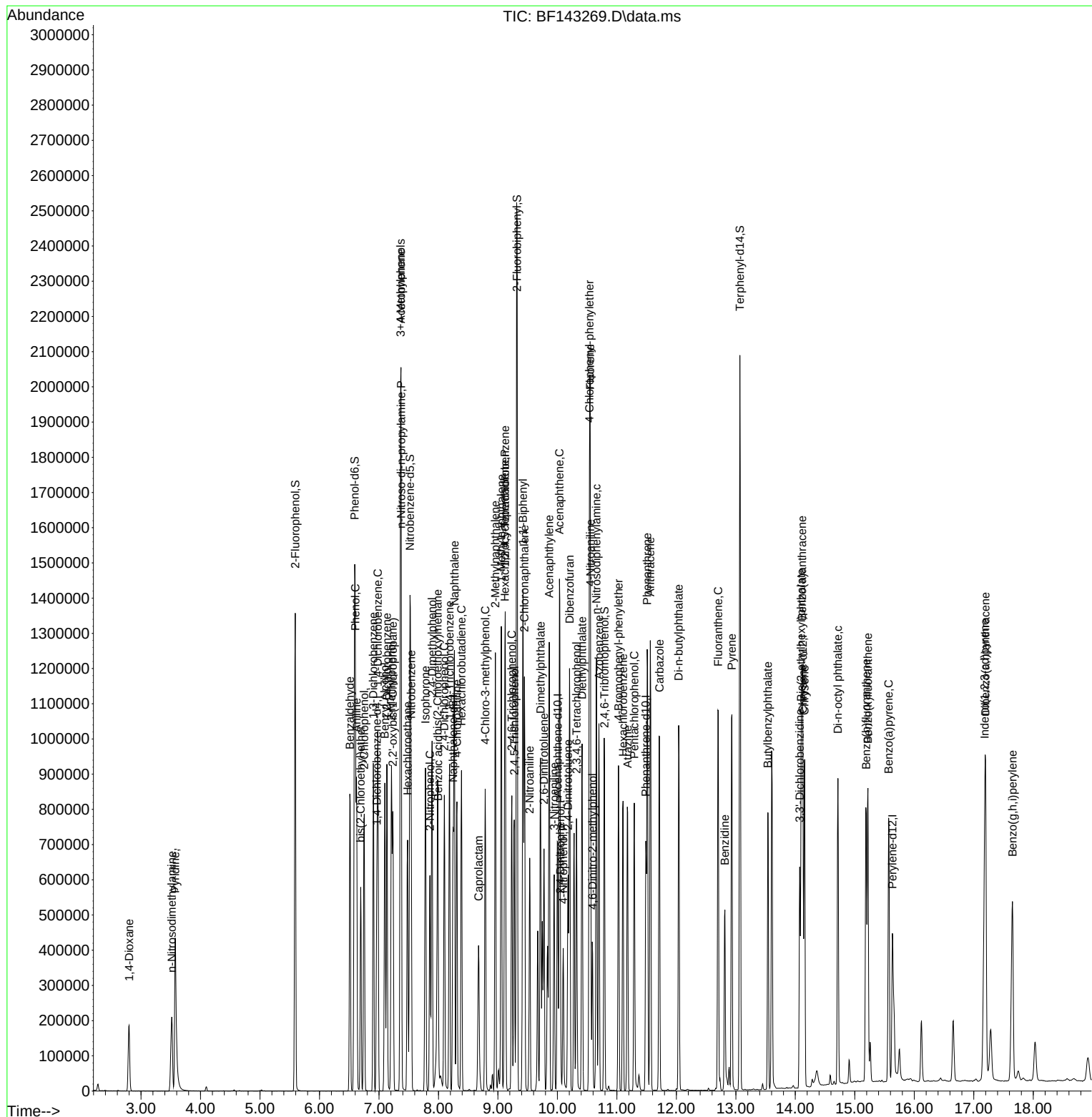
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	163807	38.120	ng	99
46) 1,1'-Biphenyl	9.422	154	609954	36.364	ng	99
47) 2-Chloronaphthalene	9.445	162	450402	36.290	ng	99
48) 2-Nitroaniline	9.534	65	151408	38.901	ng	99
49) Acenaphthylene	9.863	152	757150	36.403	ng	100
50) Dimethylphthalate	9.716	163	514246	36.696	ng	100
51) 2,6-Dinitrotoluene	9.775	165	112305	39.394	ng	100
52) Acenaphthene	10.034	154	454839	36.999	ng	98
53) 3-Nitroaniline	9.945	138	125843	37.740	ng	99
54) 2,4-Dinitrophenol	10.051	184	49359	41.684	ng #	1
55) Dibenzofuran	10.204	168	659245	36.120	ng	99
56) 4-Nitrophenol	10.098	139	84501	33.936	ng	99
57) 2,4-Dinitrotoluene	10.181	165	145859	40.781	ng	95
58) Fluorene	10.551	166	503547	36.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	130962	36.792	ng	100
60) Diethylphthalate	10.416	149	517025	37.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	254812	37.358	ng	99
62) 4-Nitroaniline	10.557	138	112320	39.303	ng	97
63) Azobenzene	10.698	77	510054	35.332	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	72136	39.655	ng	96
66) n-Nitrosodiphenylamine	10.657	169	438850	34.955	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	151814	35.730	ng	98
68) Hexachlorobenzene	11.104	284	158114	35.603	ng	97
69) Atrazine	11.180	200	131750	38.065	ng	99
70) Pentachlorophenol	11.292	266	137698	52.723	ng	99
71) Phenanthrene	11.510	178	667316	35.250	ng	100
72) Anthracene	11.563	178	689714	35.722	ng	100
73) Carbazole	11.716	167	599825	35.578	ng	100
74) Di-n-butylphthalate	12.039	149	723076	37.905	ng	100
75) Fluoranthene	12.704	202	648389	37.315	ng	99
77) Benzidine	12.816	184	309526	37.527	ng	98
78) Pyrene	12.933	202	636675	34.846	ng	100
80) Butylbenzylphthalate	13.539	149	247506	44.238	ng	98
81) Benzo(a)anthracene	14.116	228	528958	36.905	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	185332	38.797	ng	99
83) Chrysene	14.157	228	447164	34.700	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	332341	39.245	ng	100
85) Di-n-octyl phthalate	14.716	149	564716	36.790	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	618049	36.384	ng	97
88) Benzo(b)fluoranthene	15.192	252	513789	34.911	ng	99
89) Benzo(k)fluoranthene	15.221	252	469458	35.747	ng	99
90) Benzo(a)pyrene	15.568	252	488959	36.060	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	499022	36.092	ng	98
92) Benzo(g,h,i)perylene	17.651	276	497377	37.188	ng	97

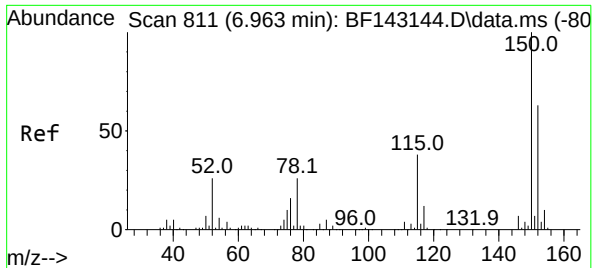
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

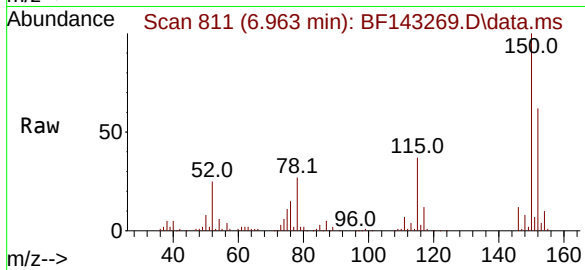
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

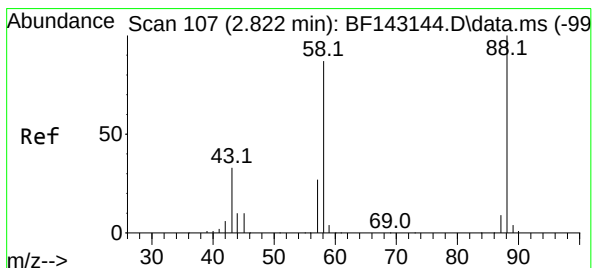
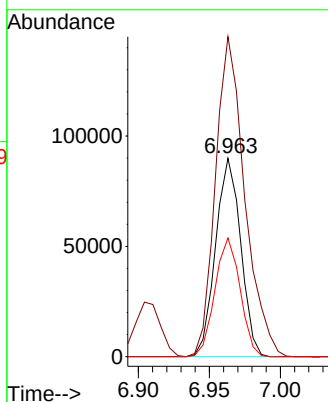
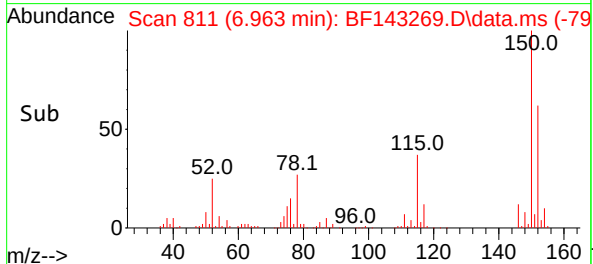
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



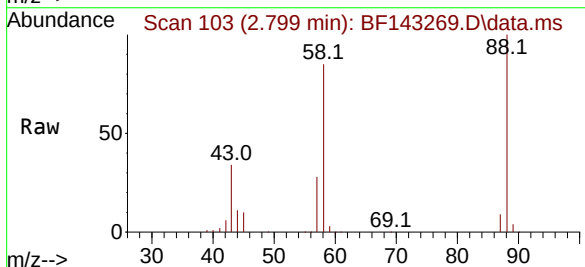
Tgt Ion:152 Resp: 110548
Ion Ratio Lower Upper
152 100
150 161.3 128.2 192.4
115 59.8 47.9 71.9

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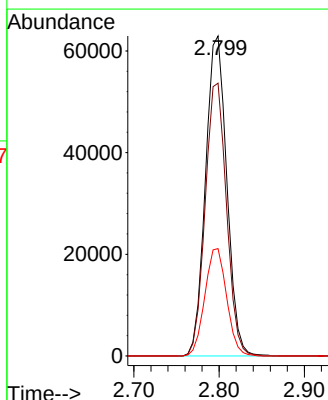
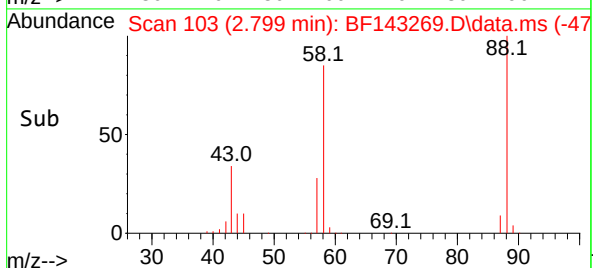
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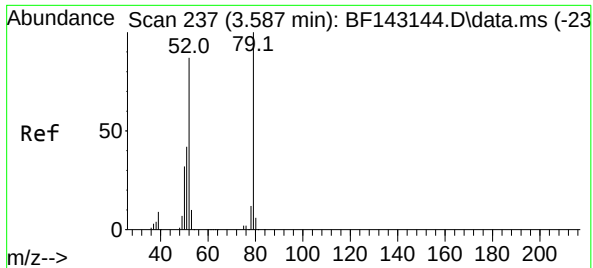


#2
1,4-Dioxane
Concen: 33.062 ng
RT: 2.799 min Scan# 103
Delta R.T. -0.023 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



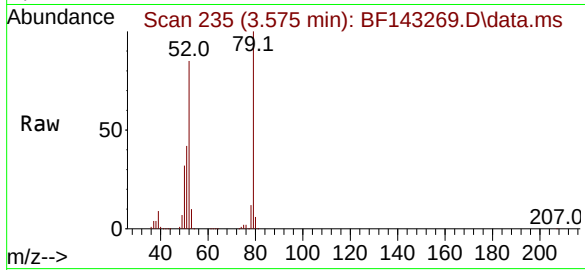
Tgt Ion: 88 Resp: 109287
Ion Ratio Lower Upper
88 100
58 85.3 70.2 105.2
43 34.4 27.1 40.7





#3
Pyridine
Concen: 32.998 ng
RT: 3.575 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

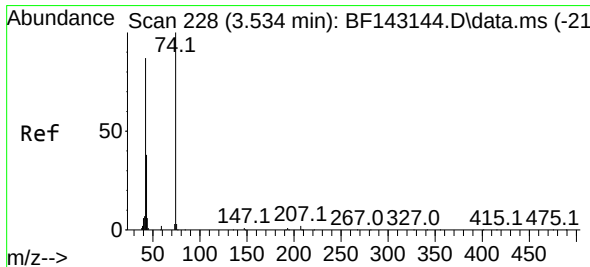
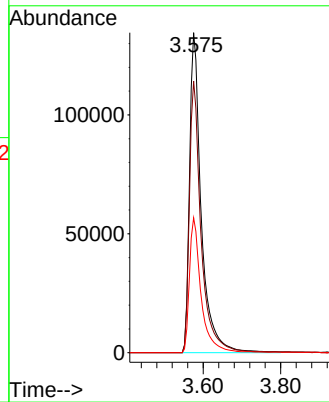
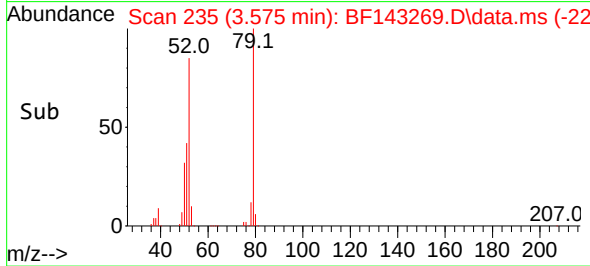
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BNA_F
ClientSampleId :
SSTDCCC040



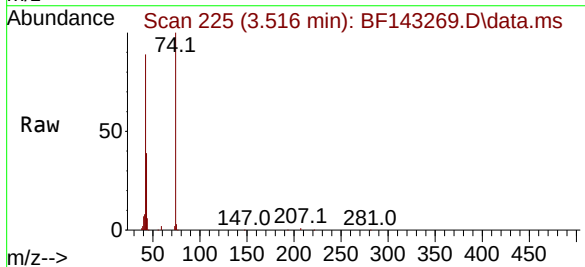
Tgt Ion: 79 Resp: 28311
Ion Ratio Lower Upper
79 100
52 84.9 69.4 104.2
51 42.2 33.5 50.3

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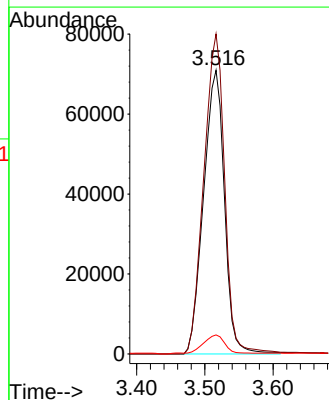
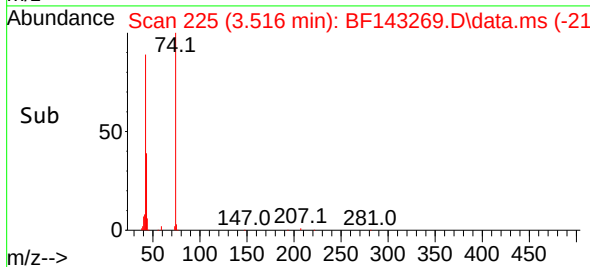
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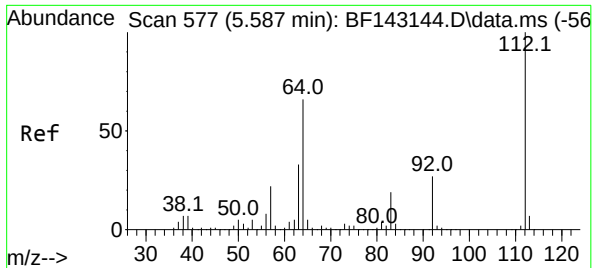


#4
n-Nitrosodimethylamine
Concen: 34.162 ng
RT: 3.516 min Scan# 225
Delta R.T. -0.018 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 42 Resp: 151328
Ion Ratio Lower Upper
42 100
74 112.8 91.7 137.5
44 6.7 5.6 8.4





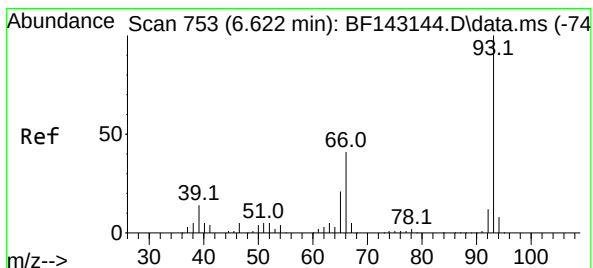
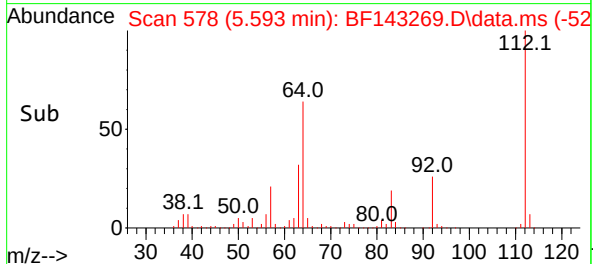
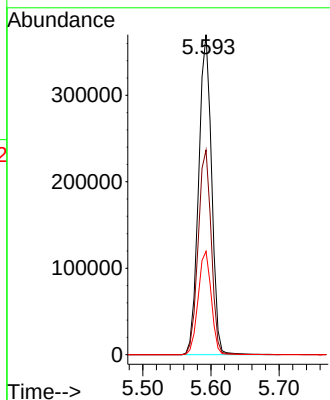
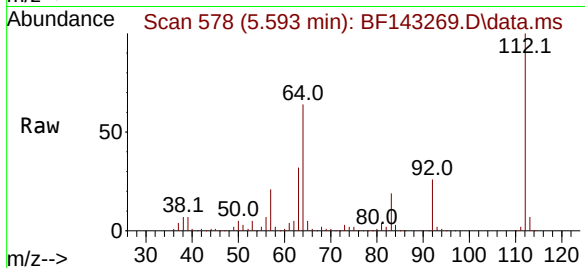
#5
2-Fluorophenol
Concen: 70.102 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 48971
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.3 26.6 40.0

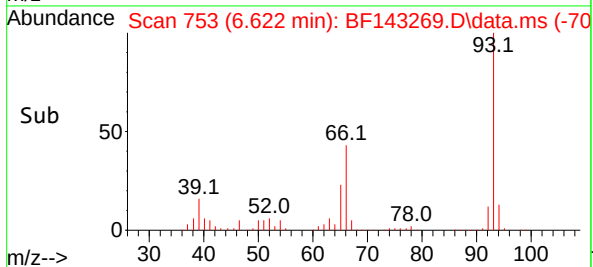
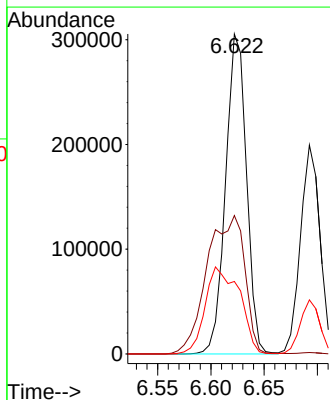
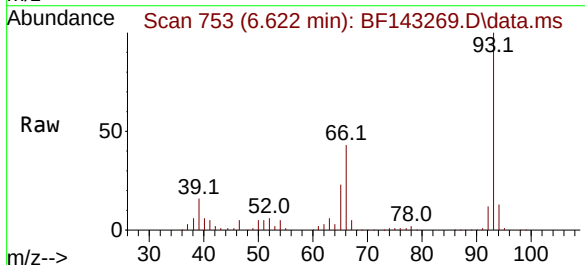
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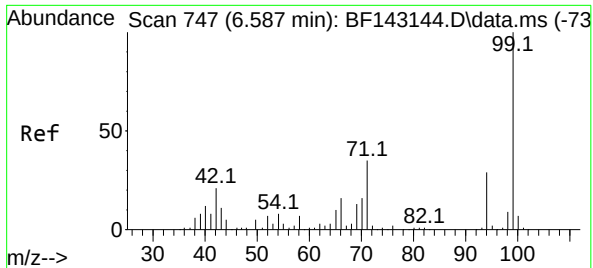
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#6
Aniline
Concen: 33.936 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 93 Resp: 415870
Ion Ratio Lower Upper
93 100
66 43.2 33.2 49.8
65 22.7 16.9 25.3





#7

Phenol-d6

Concen: 69.199 ng

RT: 6.593 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 60846

Ion Ratio Lower Upper

99 100

42 21.5 17.0 25.6

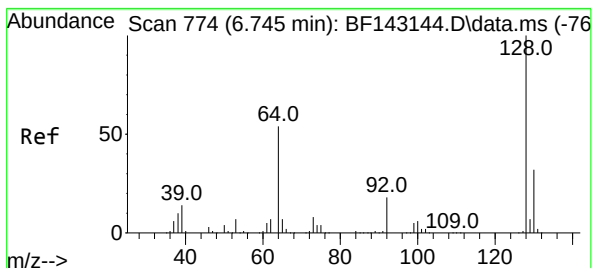
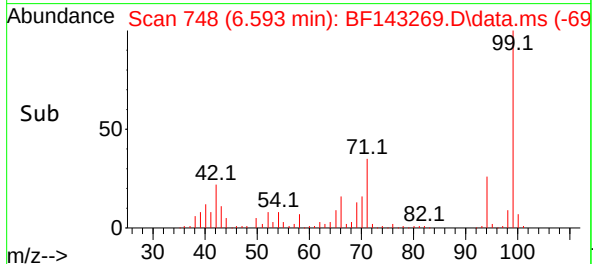
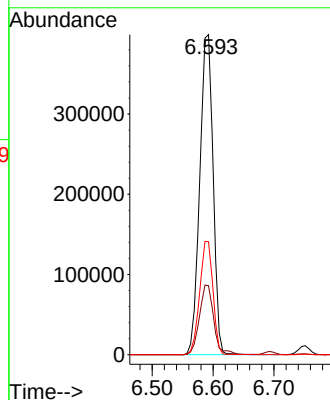
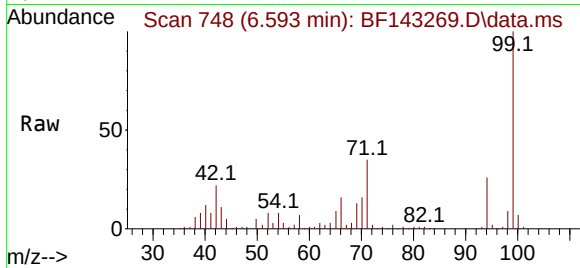
71 35.3 27.7 41.5

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#8

2-Chlorophenol

Concen: 35.956 ng

RT: 6.751 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

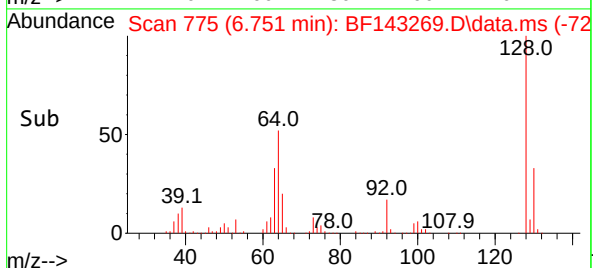
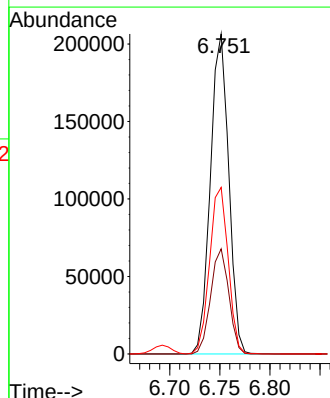
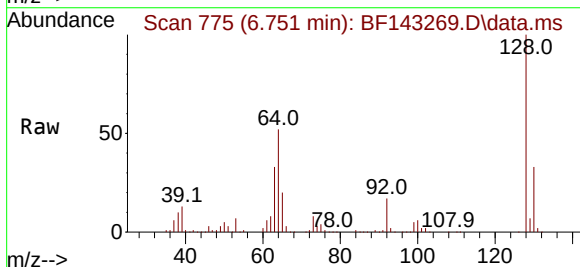
Tgt Ion:128 Resp: 263293

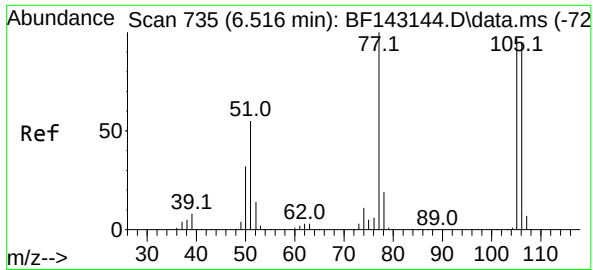
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 52.0 35.9 75.9





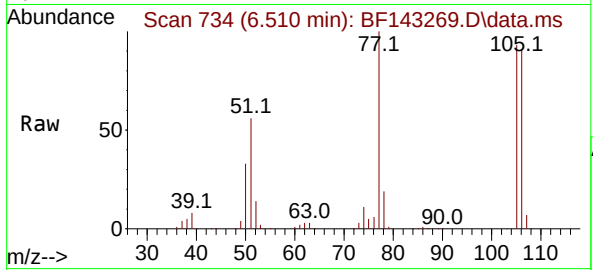
#9
Benzaldehyde
Concen: 35.622 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

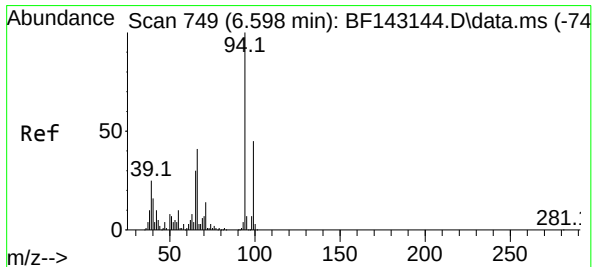
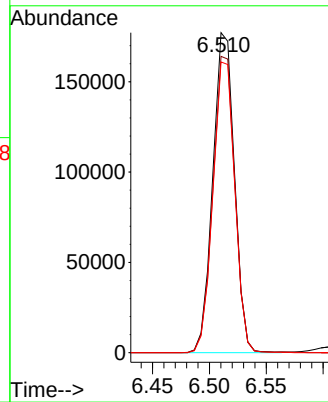
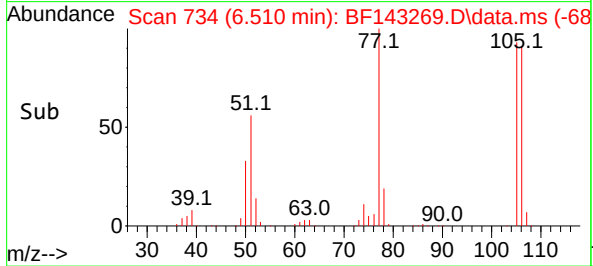


Tgt Ion: 77 Resp: 23487
Ion Ratio Lower Upper
77 100
105 92.6 76.8 116.8
106 90.8 74.4 114.4

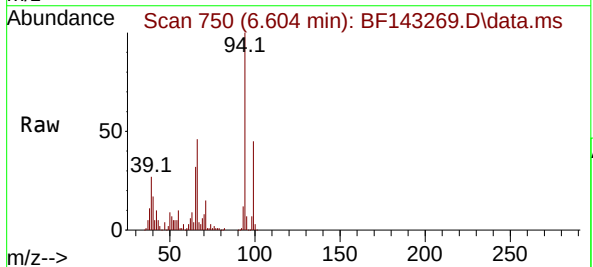
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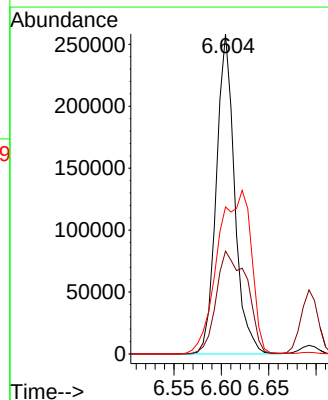
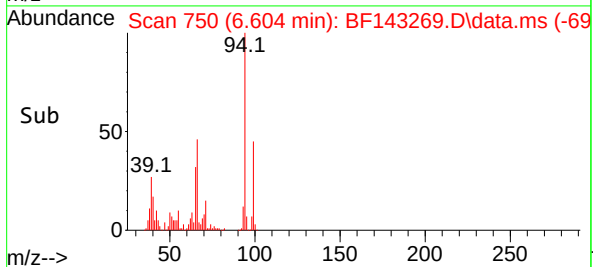
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

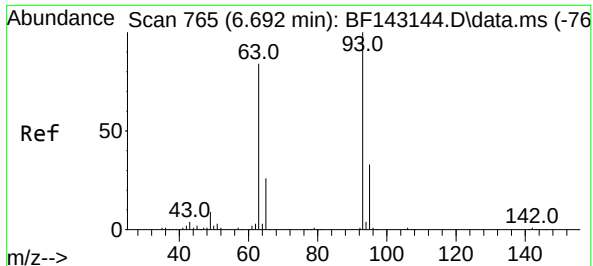


#10
Phenol
Concen: 36.343 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 94 Resp: 348132
Ion Ratio Lower Upper
94 100
65 32.2 10.0 50.0
66 45.9 20.8 60.8





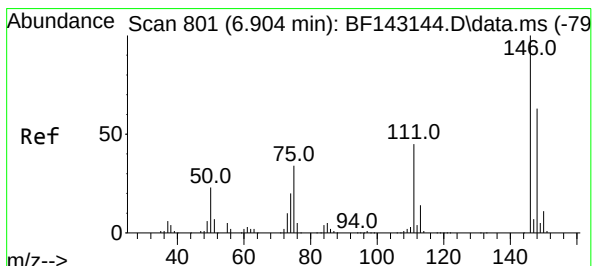
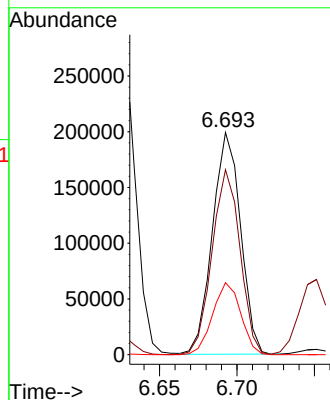
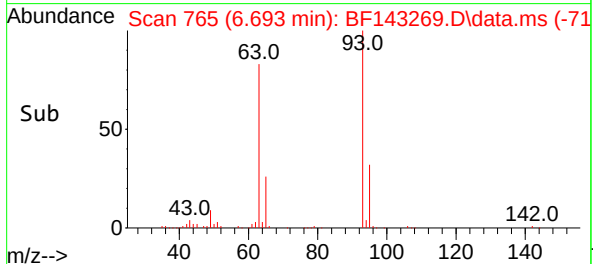
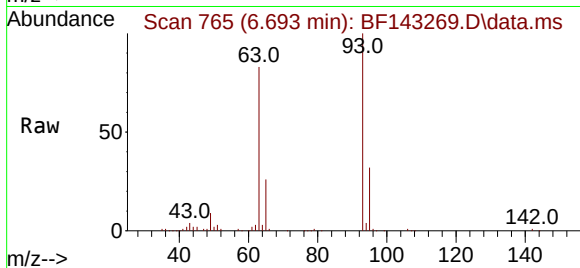
#11
bis(2-Chloroethyl)ether
Concen: 34.277 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 25140
Ion Ratio Lower Upper
93 100
63 83.2 63.4 103.4
95 32.4 12.4 52.4

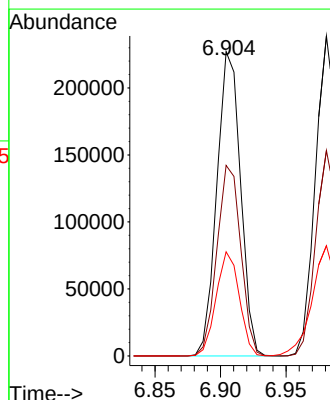
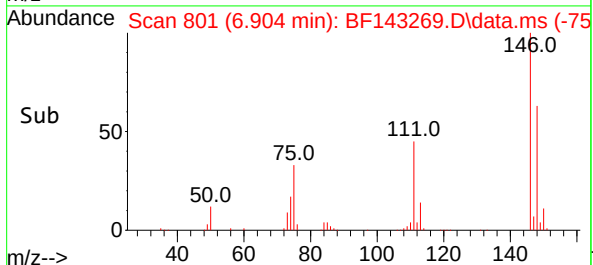
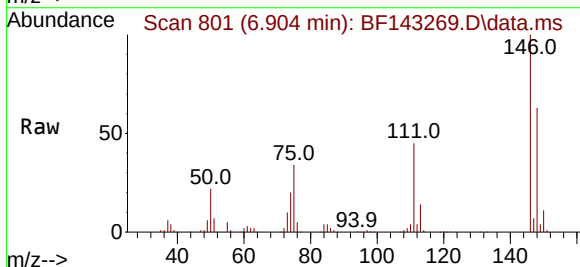
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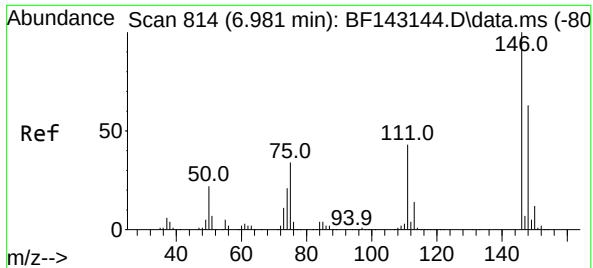
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#12
1,3-Dichlorobenzene
Concen: 35.856 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:146 Resp: 285218
Ion Ratio Lower Upper
146 100
148 62.6 50.6 76.0
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 35.962 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 288080

Ion Ratio Lower Upper

146 100

148 64.2 50.3 75.5

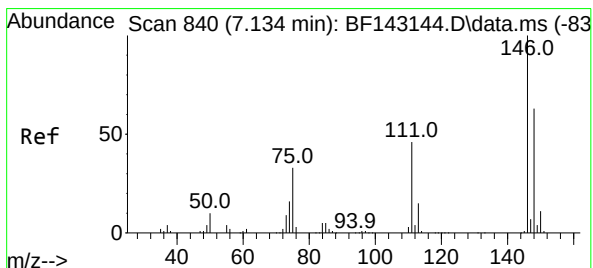
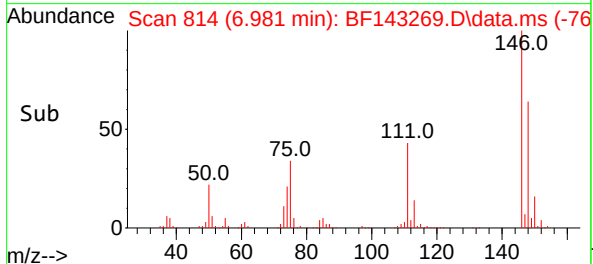
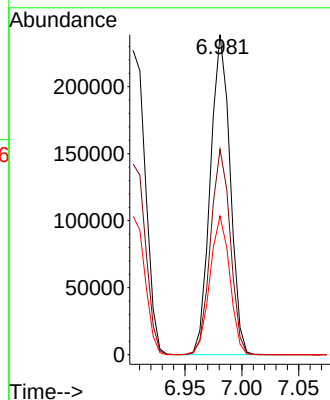
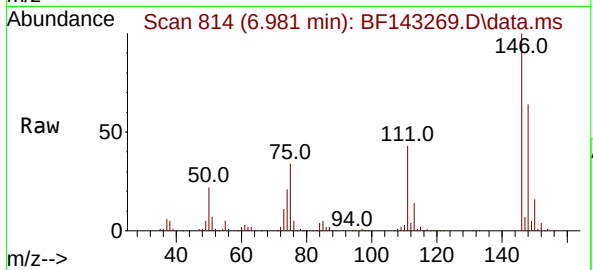
111 43.3 34.4 51.6

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#14

1,2-Dichlorobenzene

Concen: 36.359 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

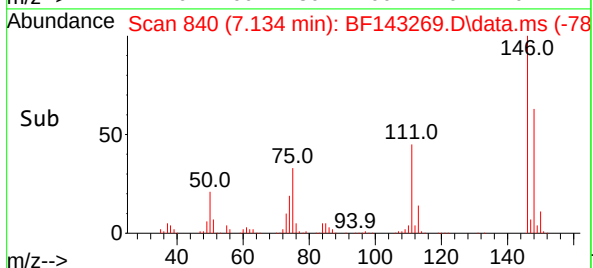
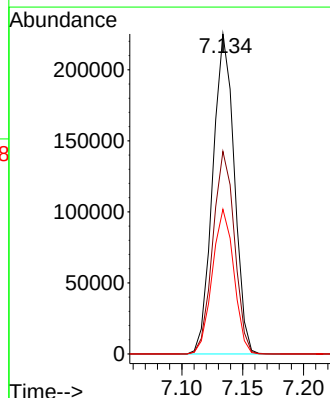
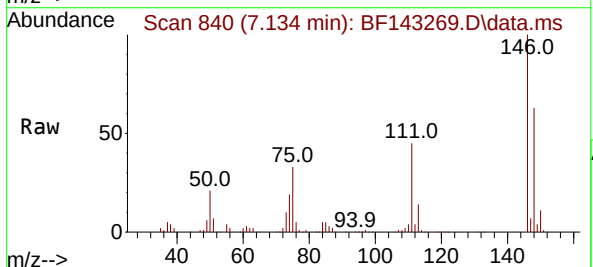
Tgt Ion:146 Resp: 277025

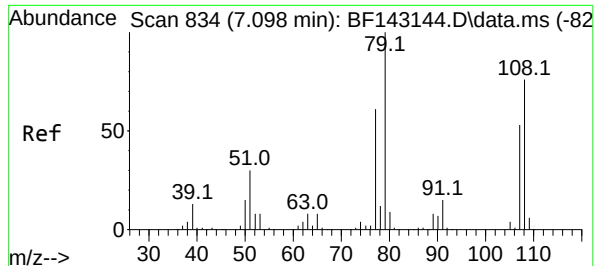
Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

111 45.2 36.6 54.8





#15

Benzyl Alcohol

Concen: 36.396 ng

RT: 7.098 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 24435

Ion Ratio Lower Upper

79 100

108 74.9 61.1 91.7

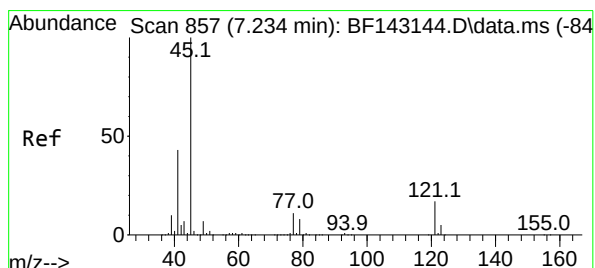
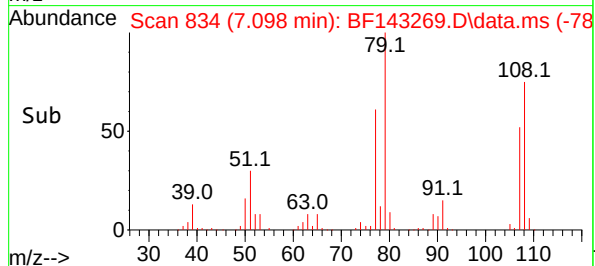
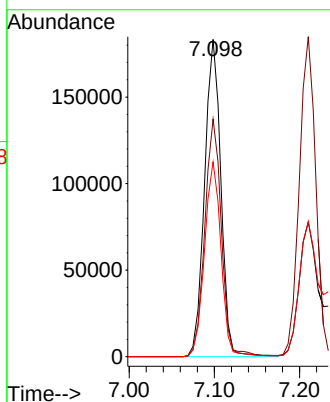
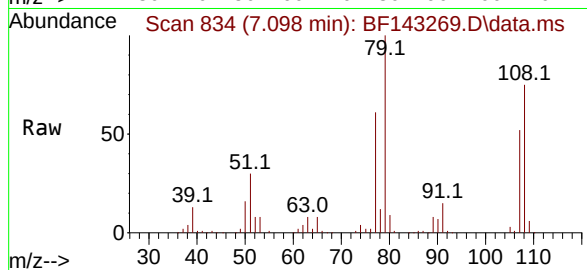
77 61.3 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.927 ng

RT: 7.234 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

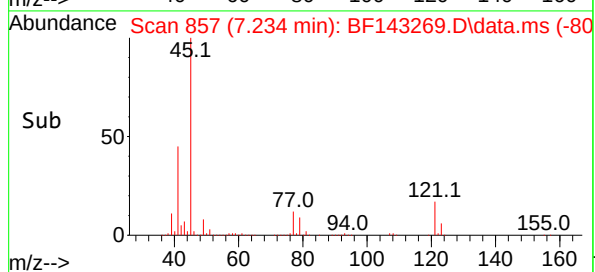
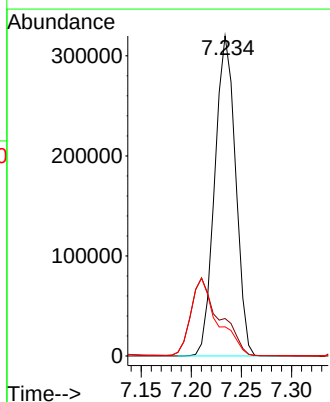
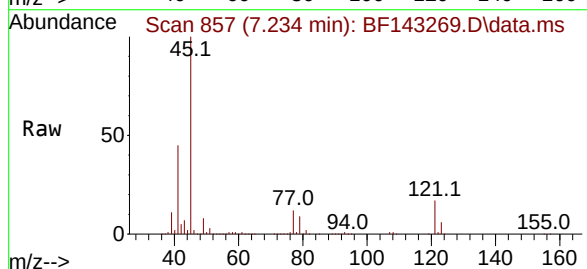
Tgt Ion: 45 Resp: 461588

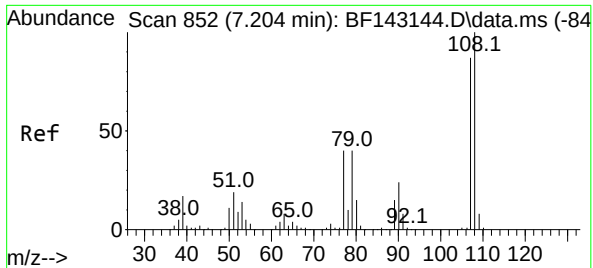
Ion Ratio Lower Upper

45 100

77 11.7 0.0 31.2

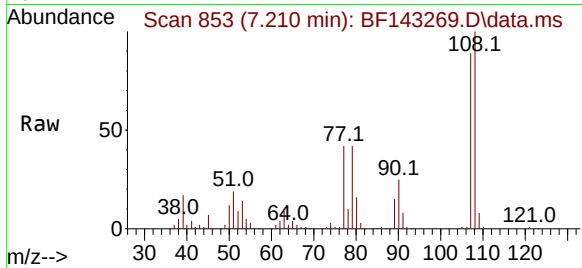
79 9.1 0.0 28.5





#17
2-Methylphenol
Concen: 35.504 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

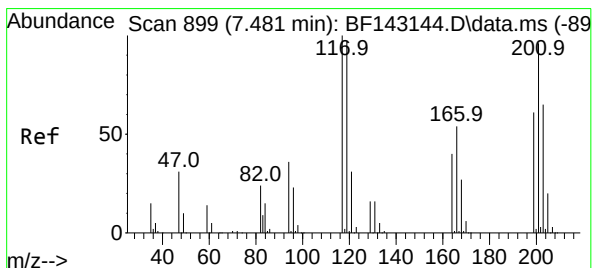
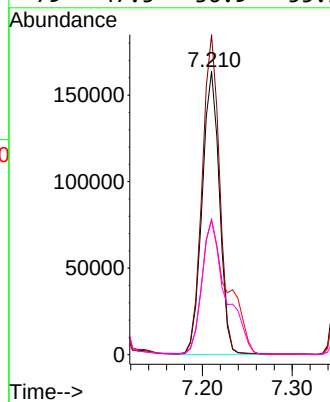
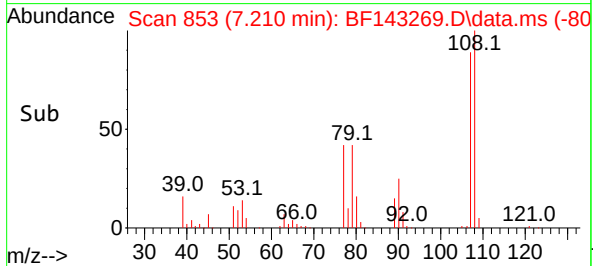
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 21859
Ion Ratio Lower Upper
107 100
108 113.0 91.8 137.6
77 47.7 37.0 55.6
79 47.5 36.9 55.3

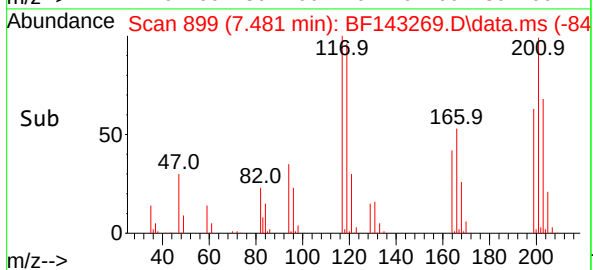
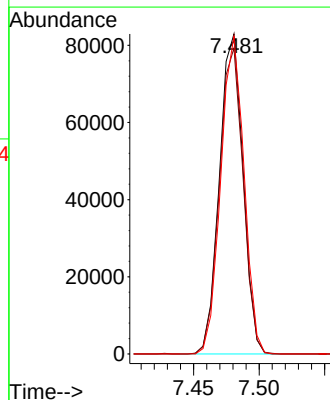
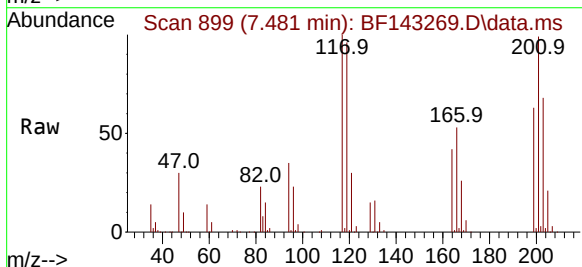
Manual Integrations
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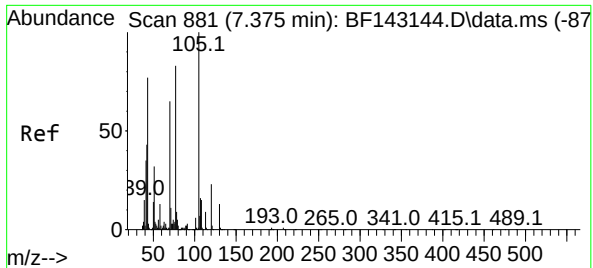
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#18
Hexachloroethane
Concen: 37.420 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:117 Resp: 103774
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.8
201 99.3 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 33.966 ng

RT: 7.375 min Scan# 881

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 191609

Ion Ratio Lower Upper

70 100

42 66.7 52.5 78.7

101 10.1 7.6 11.4

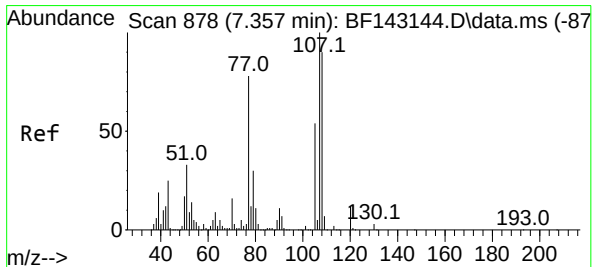
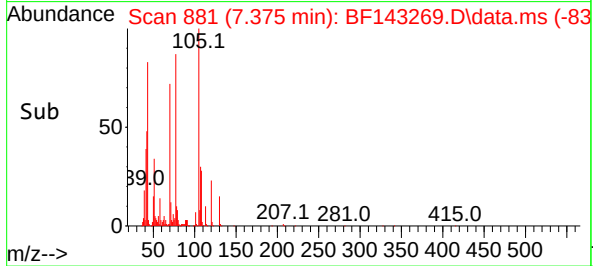
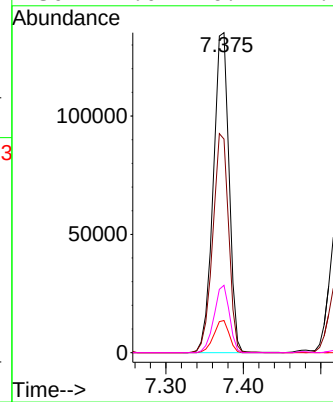
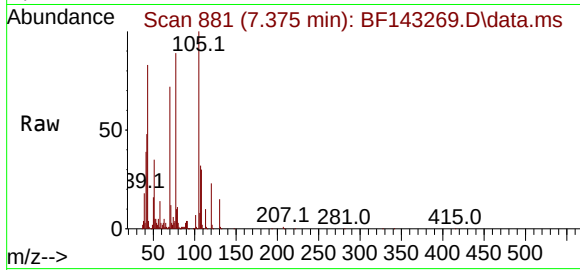
130 21.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#20

3+4-Methylphenols

Concen: 35.323 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Tgt Ion:107 Resp: 263862

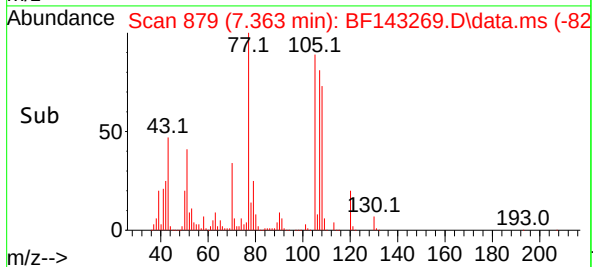
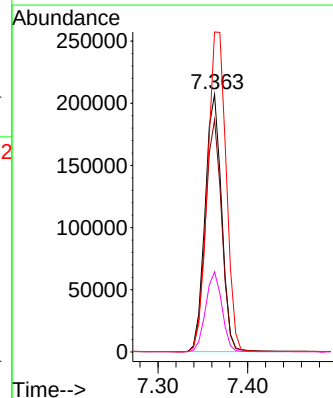
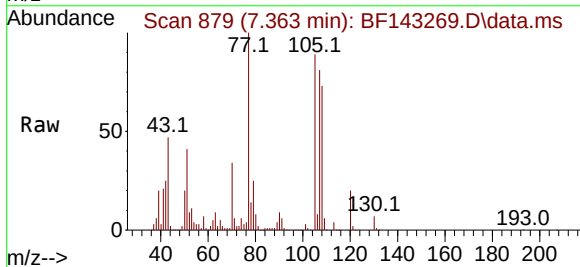
Ion Ratio Lower Upper

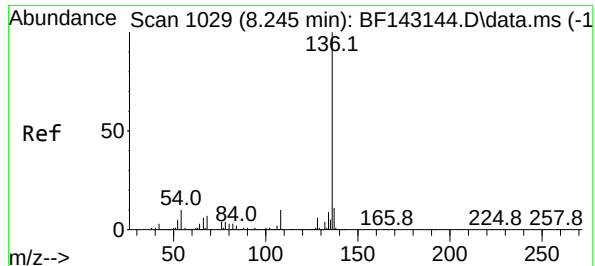
107 100

108 90.2 70.0 110.0

77 124.2 57.8 97.8#

79 31.1 9.5 49.5





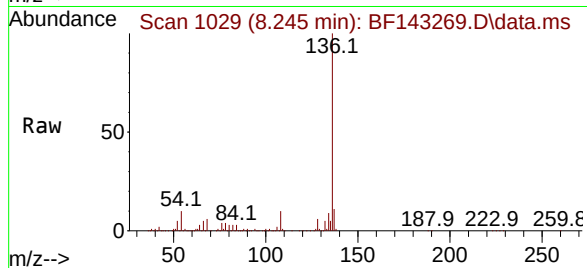
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

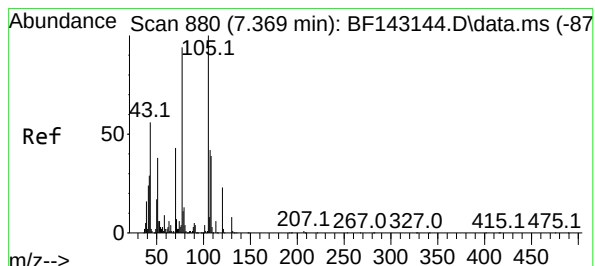
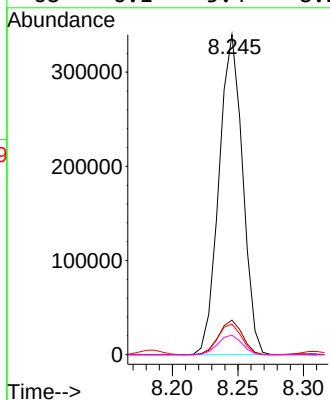
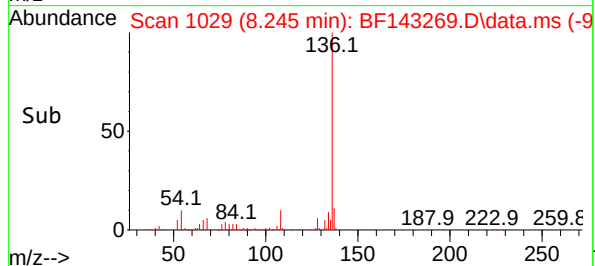


Tgt Ion:136 Resp: 42584
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.6 8.2 12.2
68 6.1 5.4 8.2

Manual Integrations

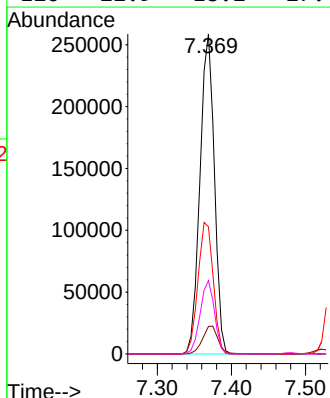
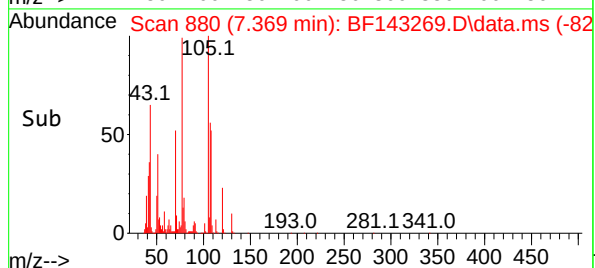
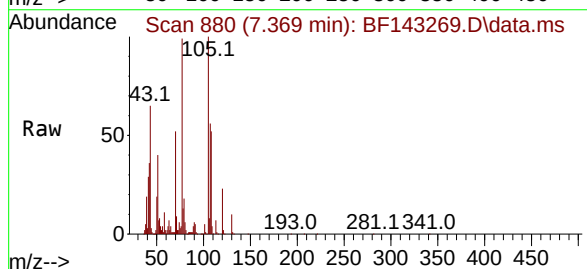
APPROVED

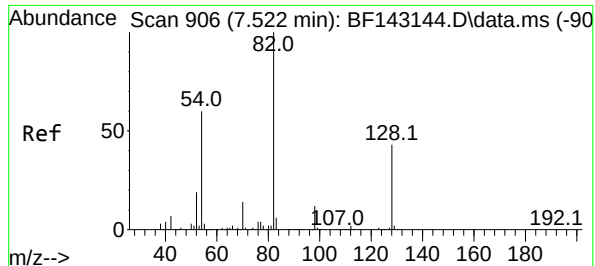
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#22
Acetophenone
Concen: 34.679 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:105 Resp: 349630
Ion Ratio Lower Upper
105 100
71 8.6 5.8 8.6
51 39.8 30.2 45.2
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 73.793 ng

RT: 7.522 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 63041

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

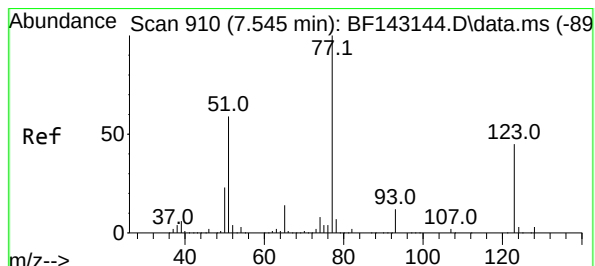
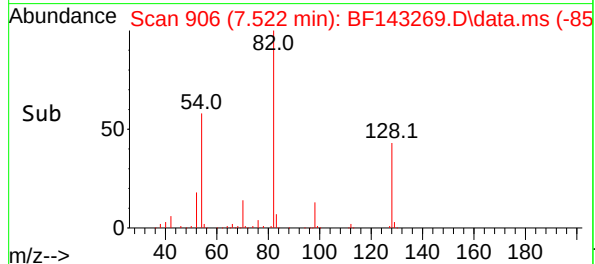
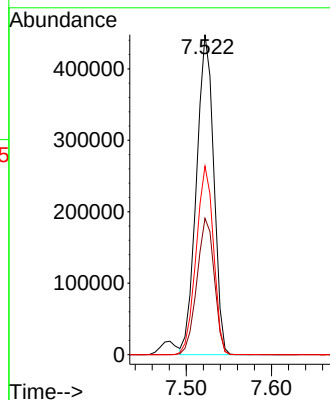
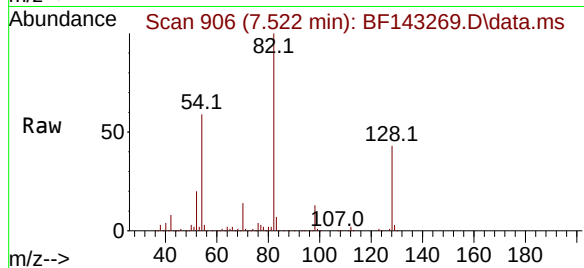
54 58.9 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#24

Nitrobenzene

Concen: 36.431 ng

RT: 7.540 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

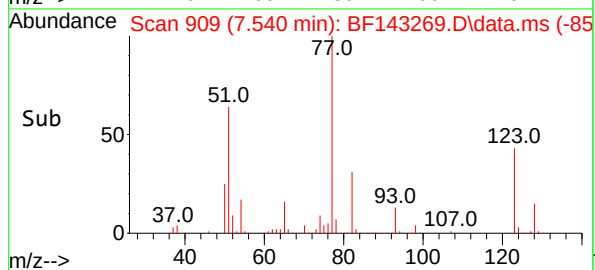
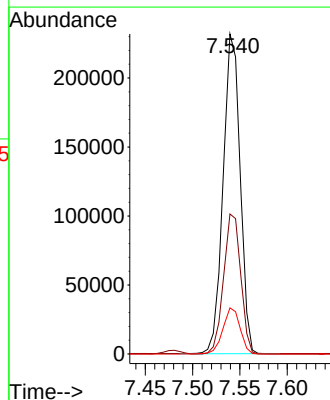
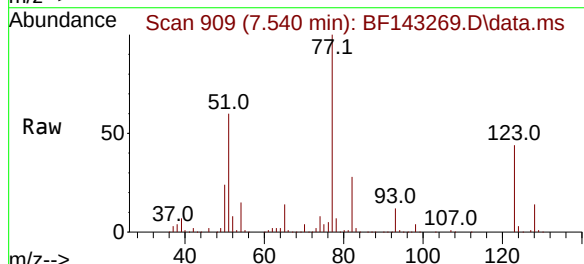
Tgt Ion: 77 Resp: 290169

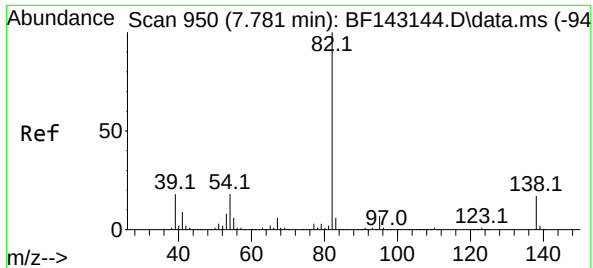
Ion Ratio Lower Upper

77 100

123 43.8 36.1 54.1

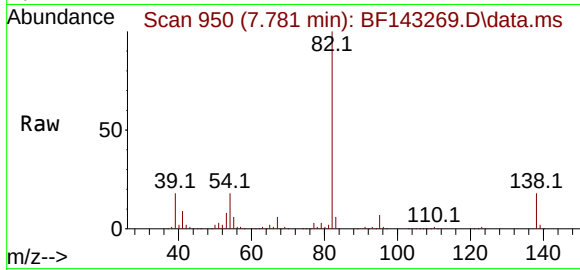
65 14.4 11.4 17.2





#25
Isophorone
Concen: 34.395 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

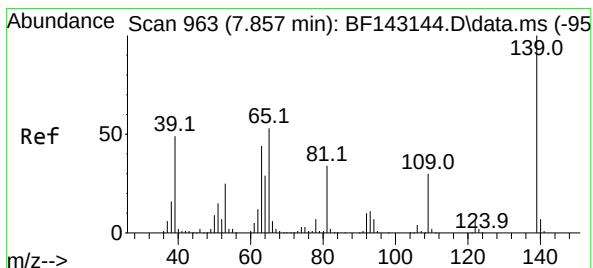
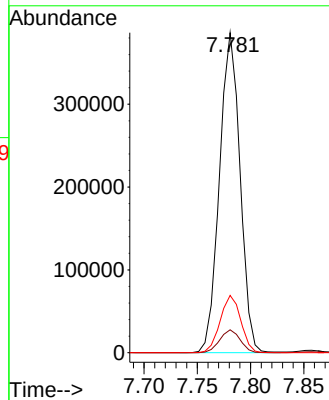
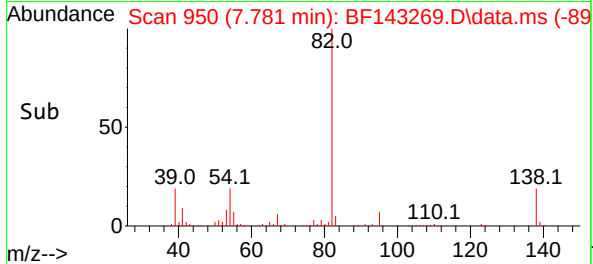
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 518710
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.9 13.8 20.8

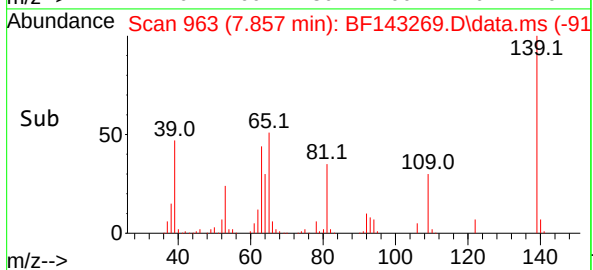
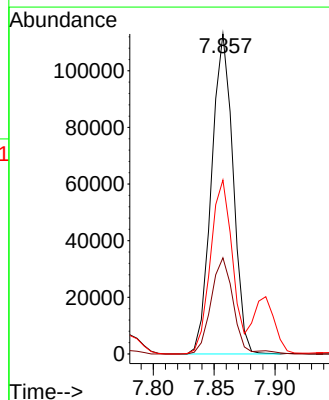
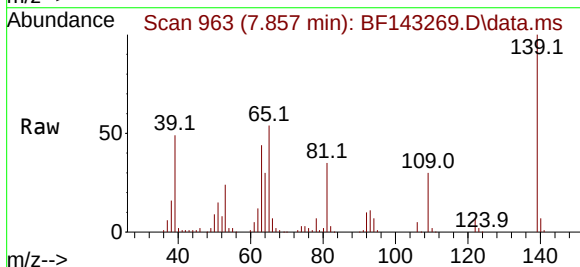
Manual Integrations
APPROVED

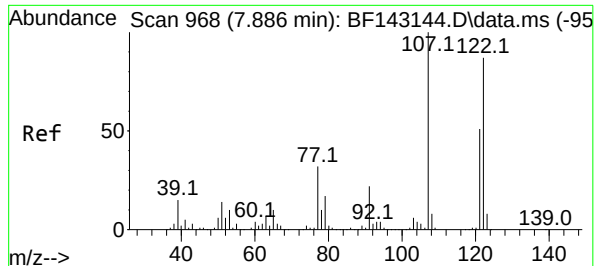
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#26
2-Nitrophenol
Concen: 40.130 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:139 Resp: 138717
Ion Ratio Lower Upper
139 100
109 30.1 23.6 35.4
65 54.4 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 34.238 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 241244

Ion Ratio Lower Upper

122 100

107 115.7 91.8 137.6

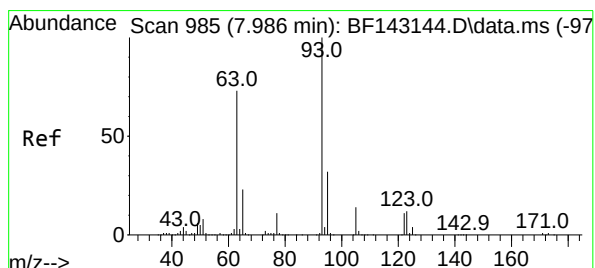
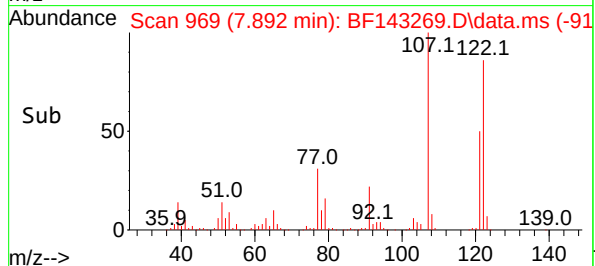
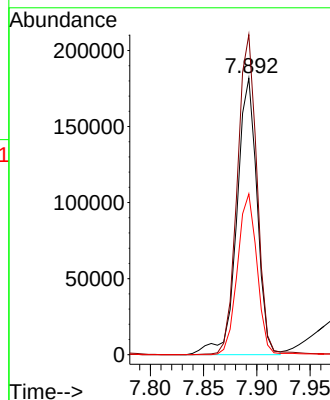
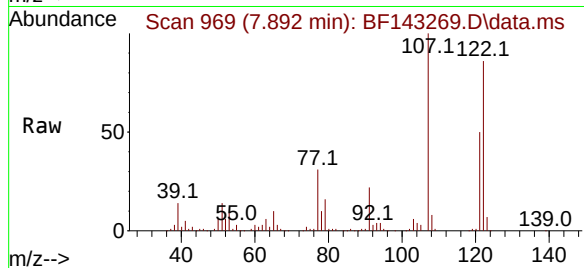
121 58.1 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 34.586 ng

RT: 7.987 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

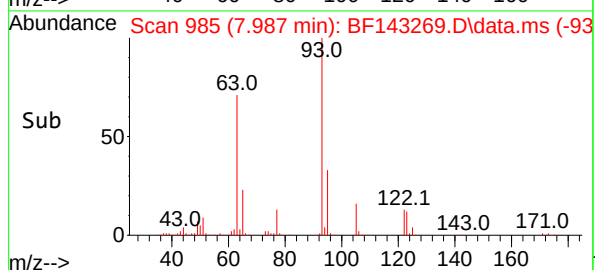
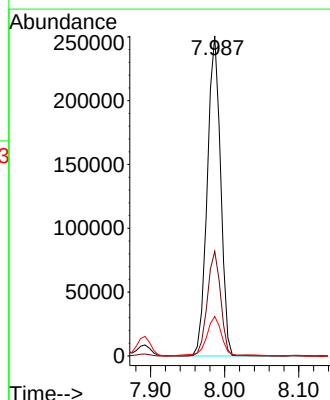
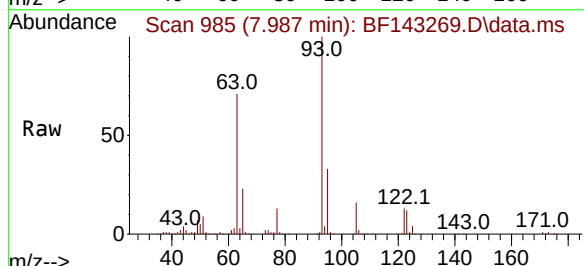
Tgt Ion: 93 Resp: 312734

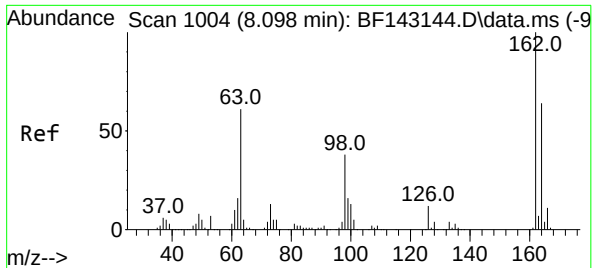
Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.6

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 36.165 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 21489

Ion Ratio Lower Upper

162 100

164 63.1 44.2 84.2

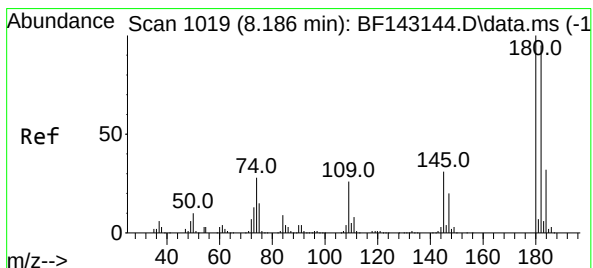
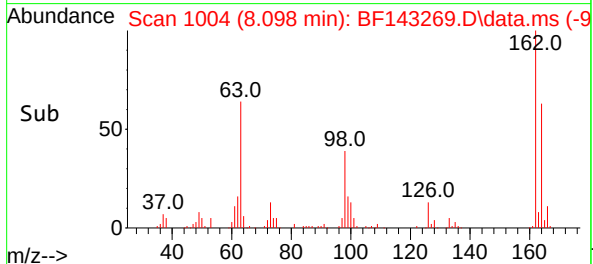
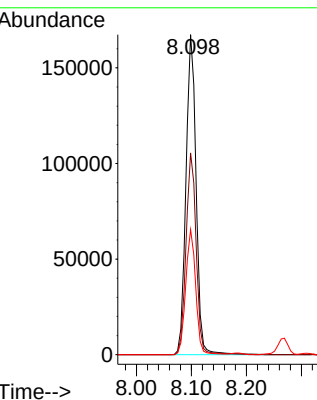
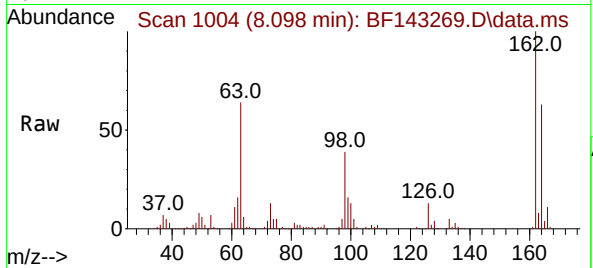
98 39.1 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 36.157 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

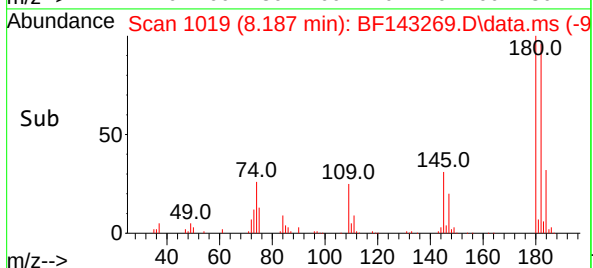
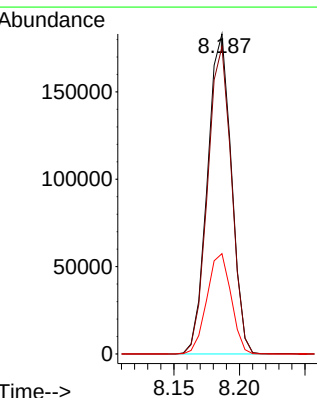
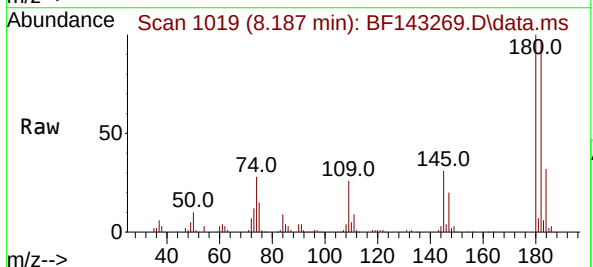
Tgt Ion:180 Resp: 232114

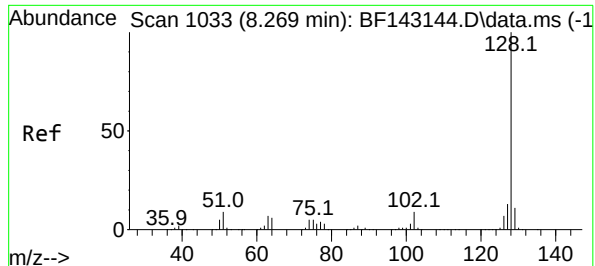
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 31.4 25.0 37.6





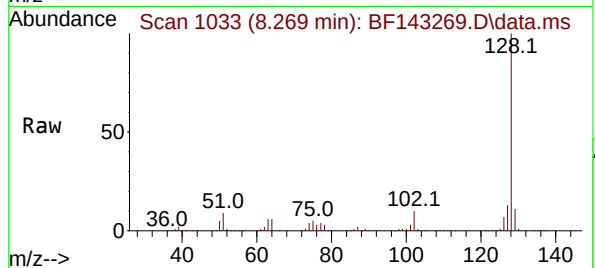
#31
Naphthalene
Concen: 35.688 ng
RT: 8.269 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

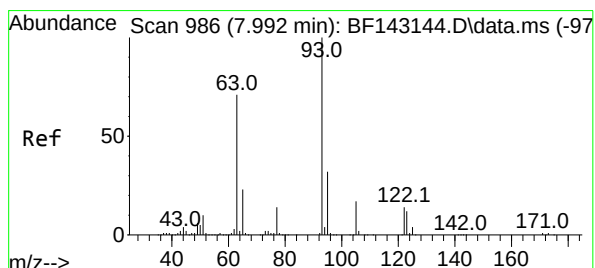
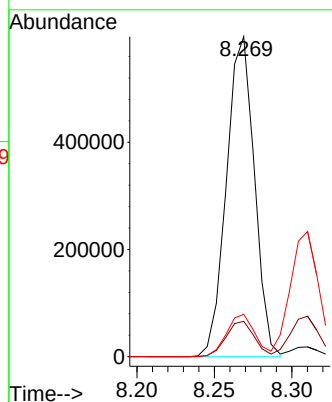
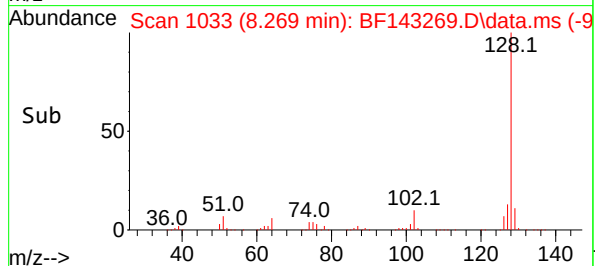


Tgt Ion:128 Resp: 748463
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.6 16.0

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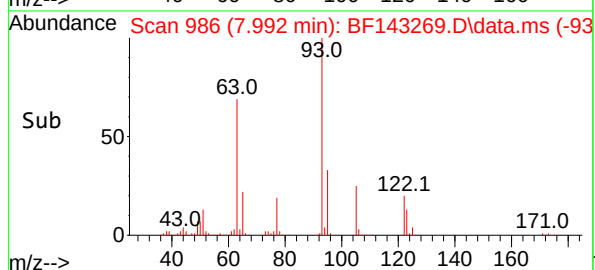
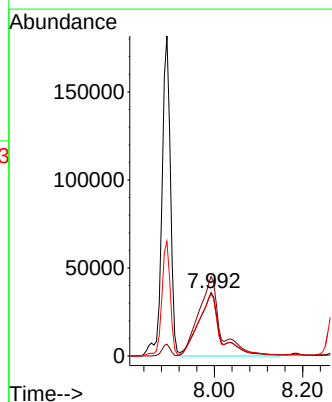
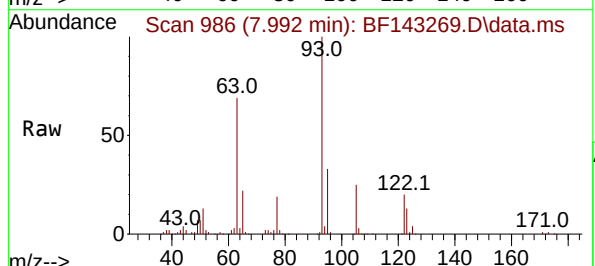
APPROVED

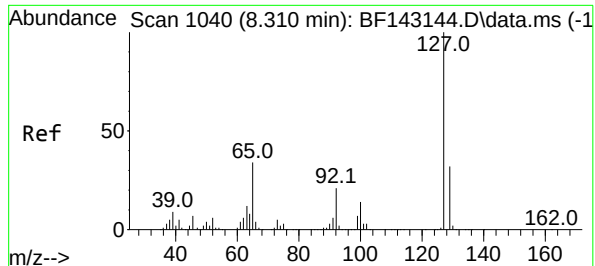
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#32
Benzoic acid
Concen: 33.450 ng m
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:122 Resp: 125785
Ion Ratio Lower Upper
122 100
105 125.1 104.8 144.8
77 98.0 77.6 117.6





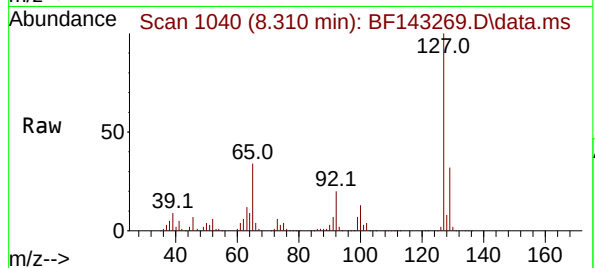
#33
4-Chloroaniline
Concen: 35.243 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

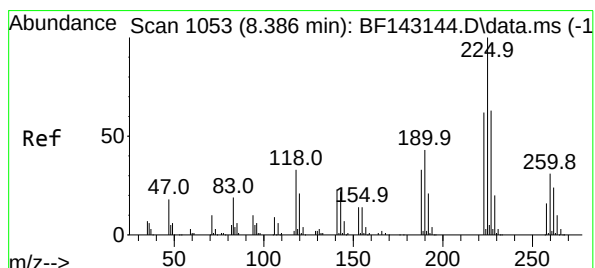
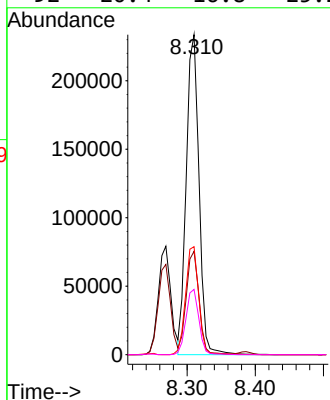
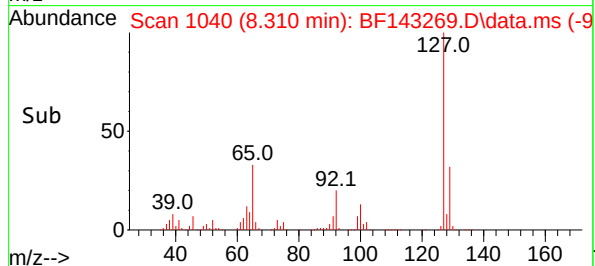


Tgt Ion:127 Resp: 30180
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 33.8 27.4 41.2
92 20.4 16.8 25.2

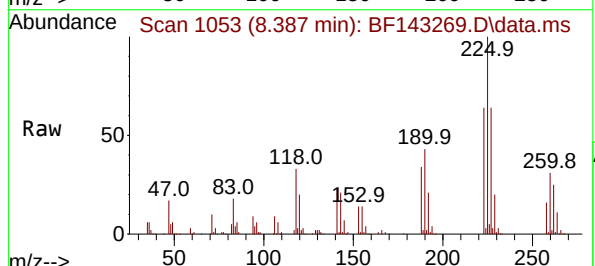
Manual Integrations

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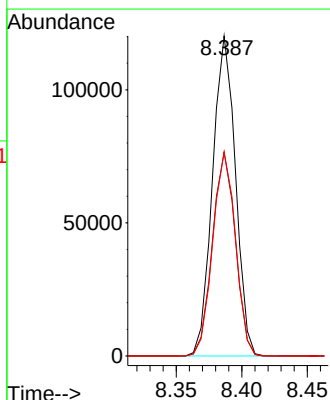
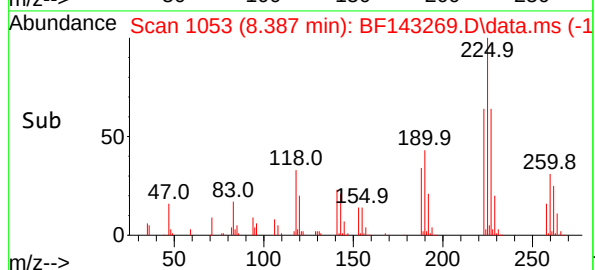
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

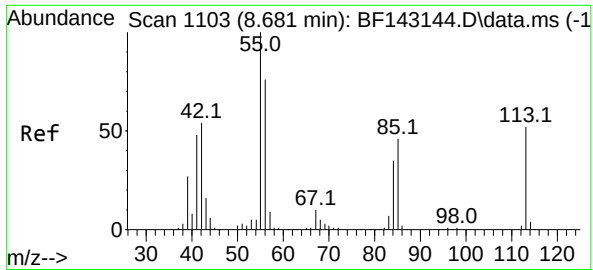


#34
Hexachlorobutadiene
Concen: 37.132 ng
RT: 8.387 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:225 Resp: 145618
Ion Ratio Lower Upper
225 100
223 63.6 49.8 74.6
227 63.8 50.2 75.4





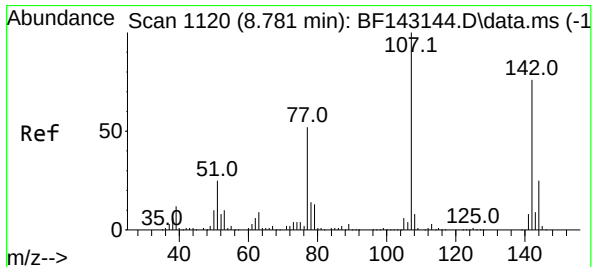
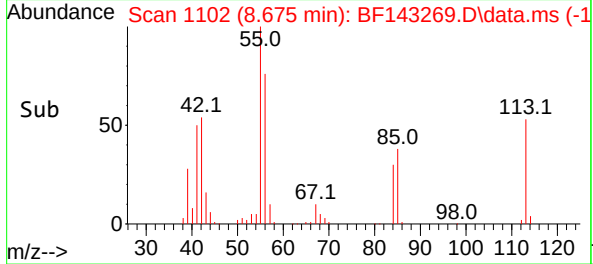
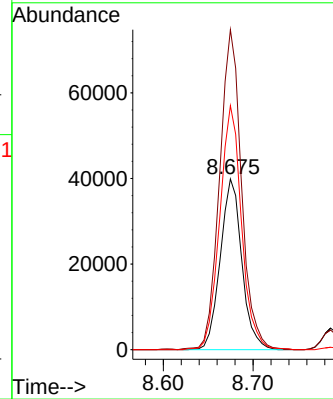
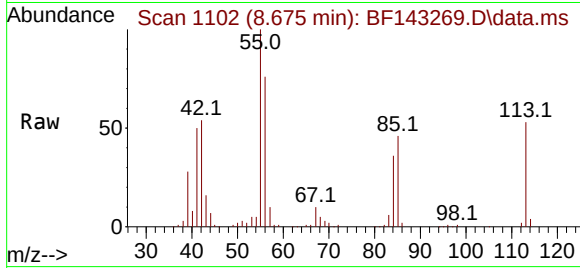
#35
Caprolactam
Concen: 37.035 ng
RT: 8.675 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 6650
Ion Ratio Lower Upper
113 100
55 187.4 174.0 214.0
56 142.9 126.6 166.6

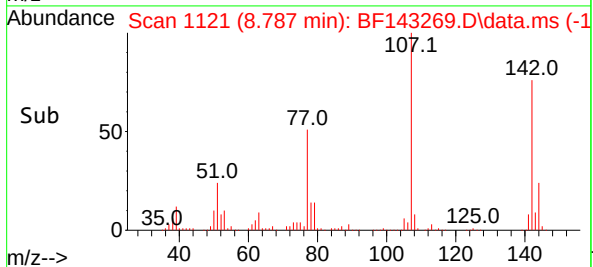
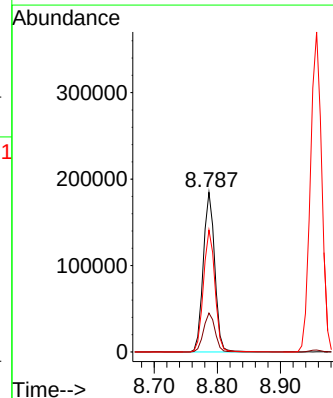
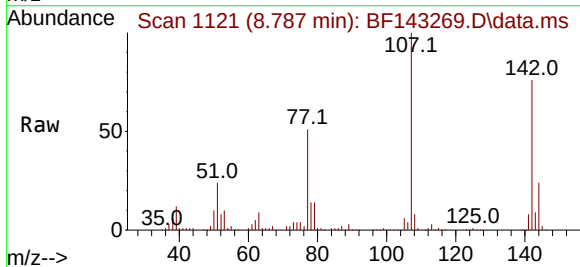
Manual Integrations
APPROVED

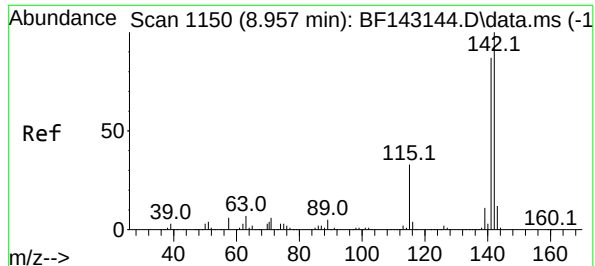
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#36
4-Chloro-3-methylphenol
Concen: 36.144 ng
RT: 8.787 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

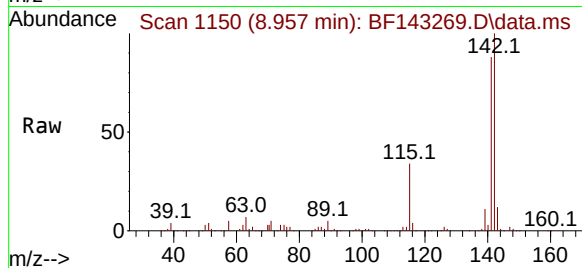
Tgt Ion:107 Resp: 233442
Ion Ratio Lower Upper
107 100
144 24.4 19.8 29.6
142 76.4 60.6 90.8





#37
2-Methylnaphthalene
Concen: 35.879 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

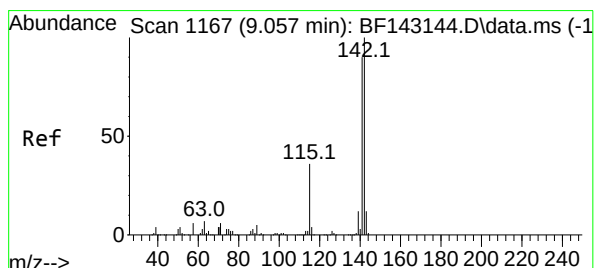
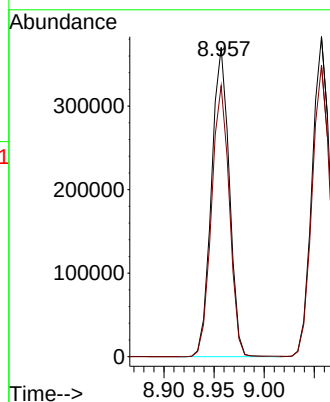
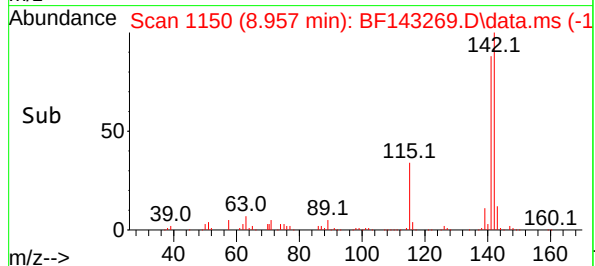
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 457894
Ion Ratio Lower Upper
142 100
141 87.6 69.9 104.9

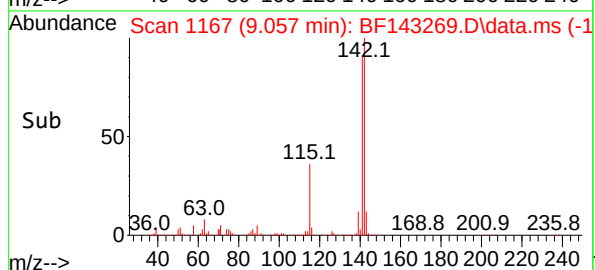
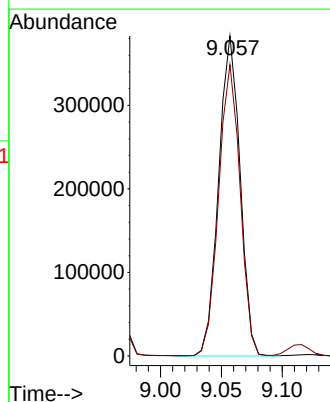
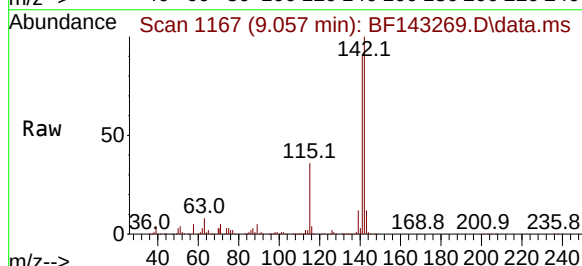
Manual Integrations
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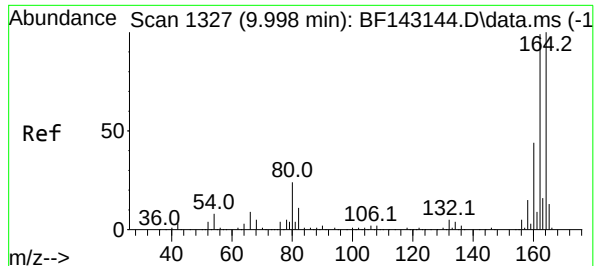
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#38
1-Methylnaphthalene
Concen: 35.727 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:142 Resp: 469519
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BF143269.D

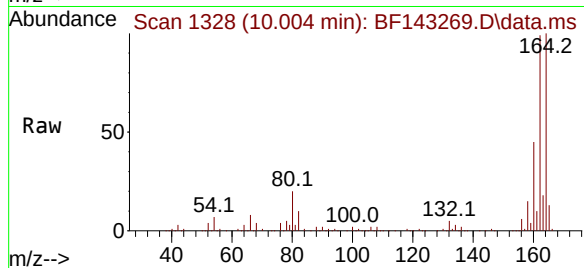
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 21499

Ion Ratio Lower Upper

164 100

162 99.4 79.0 118.6

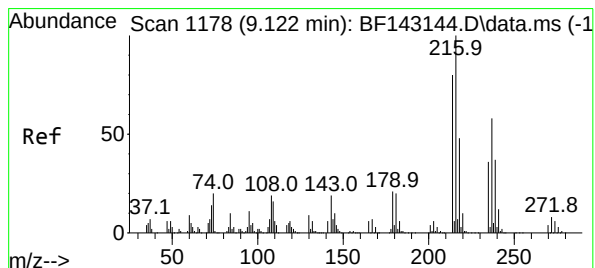
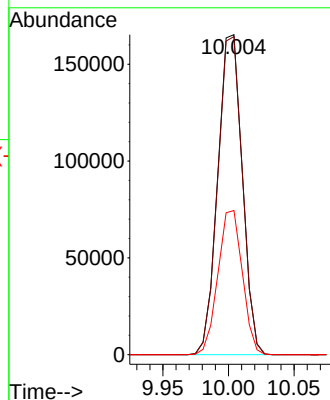
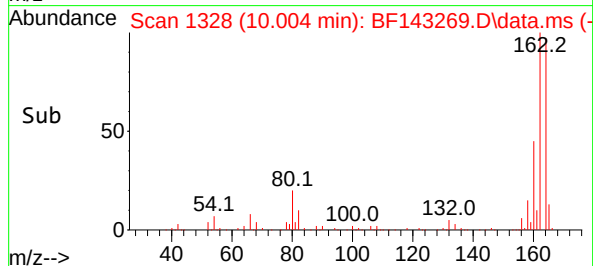
160 45.1 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.386 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Tgt Ion:216 Resp: 232053

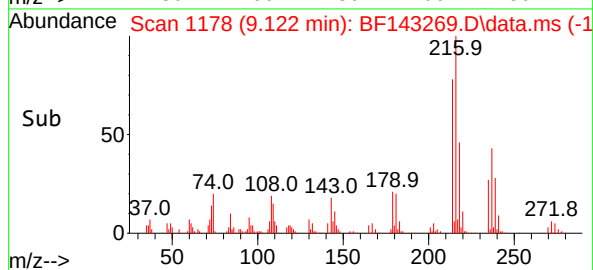
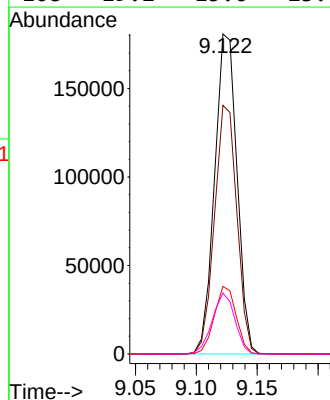
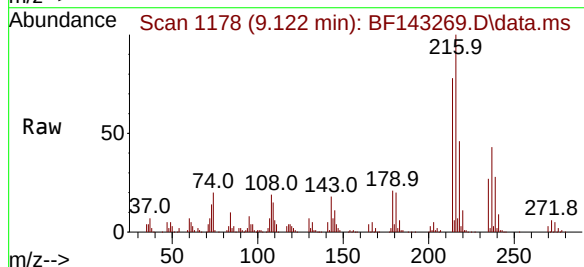
Ion Ratio Lower Upper

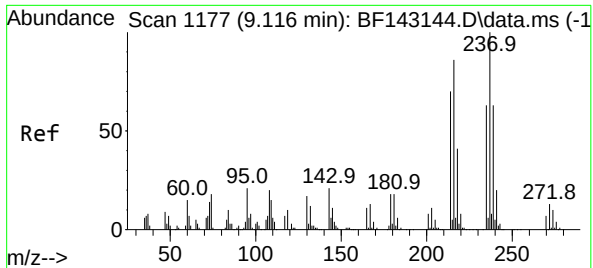
216 100

214 77.5 63.8 95.8

179 20.6 16.4 24.6

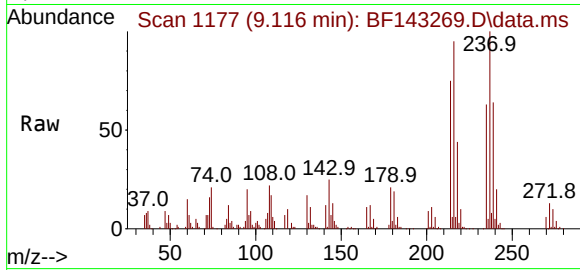
108 19.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 35.093 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

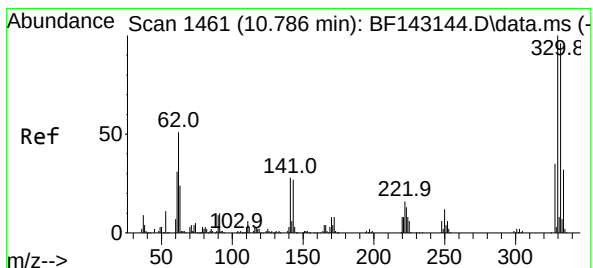
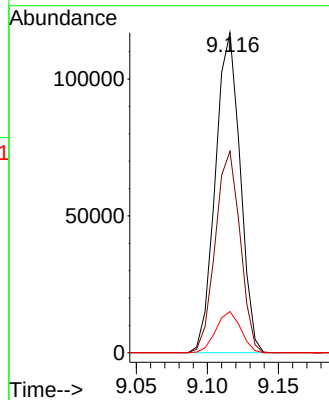
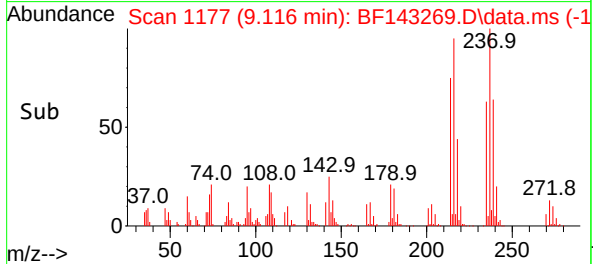
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



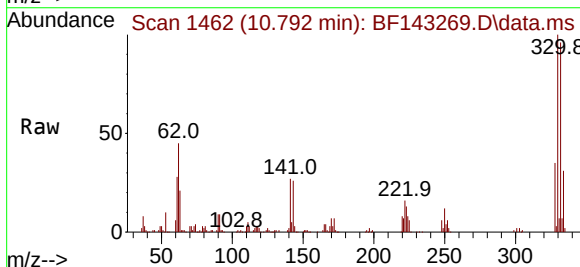
Tgt Ion: 237 Resp: 141730
Ion Ratio Lower Upper
237 100
235 62.9 43.0 83.0
272 12.9 0.0 33.3

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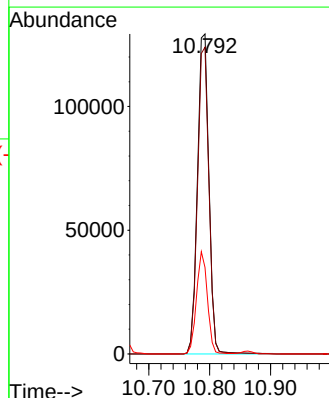
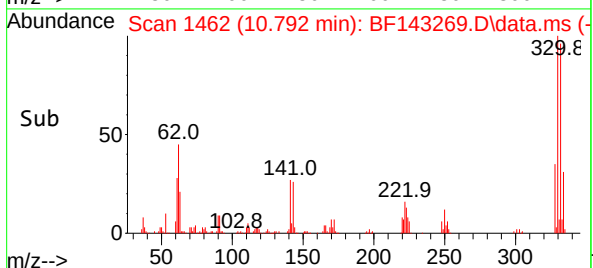
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

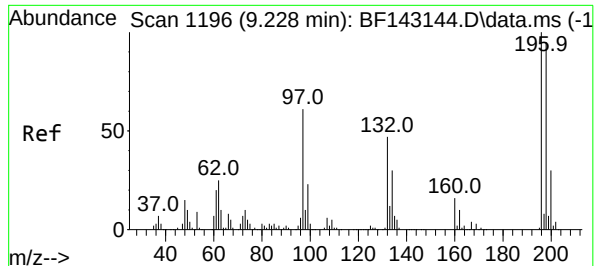


#42
2,4,6-Tribromophenol
Concen: 76.070 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



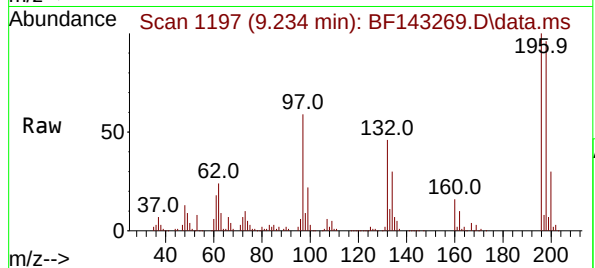
Tgt Ion: 330 Resp: 168949
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 30.5 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 35.583 ng
RT: 9.234 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

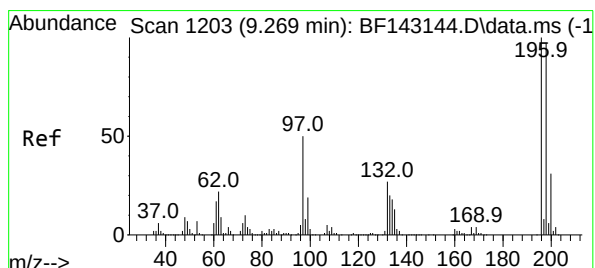
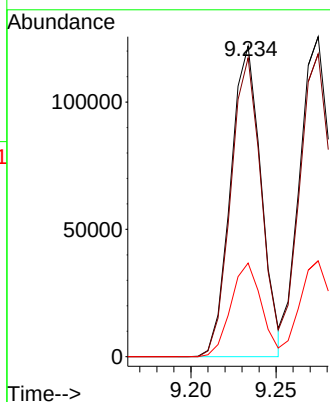
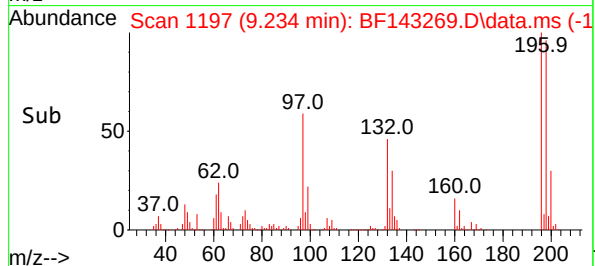
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



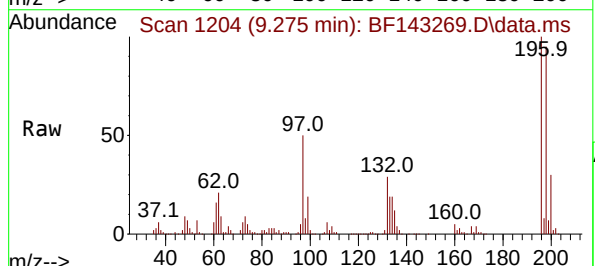
Tgt Ion:196 Resp: 152850
Ion Ratio Lower Upper
196 100
198 96.2 76.2 114.2
200 30.1 23.9 35.9

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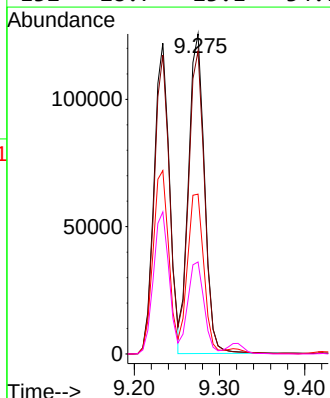
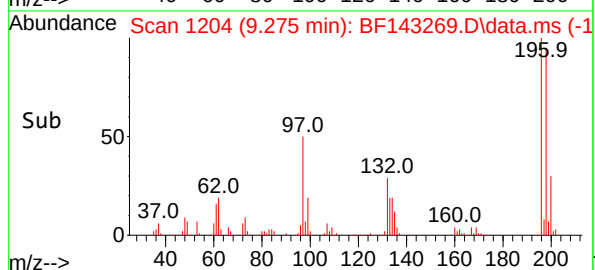
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

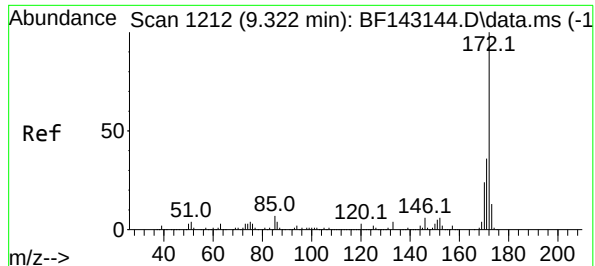


#44
2,4,5-Trichlorophenol
Concen: 38.120 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:196 Resp: 163807
Ion Ratio Lower Upper
196 100
198 94.7 77.3 115.9
97 50.0 40.3 60.5
132 28.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 72.716 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1143090

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

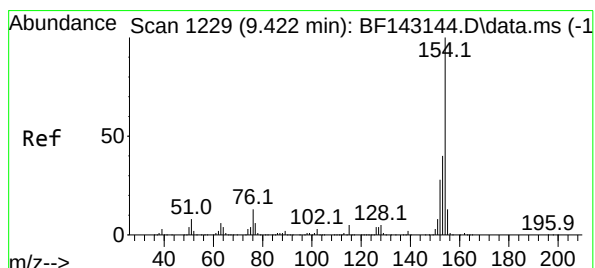
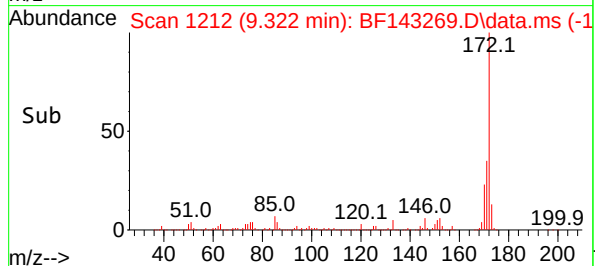
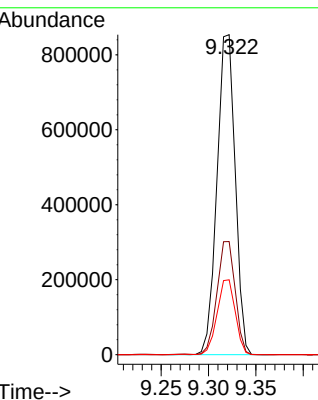
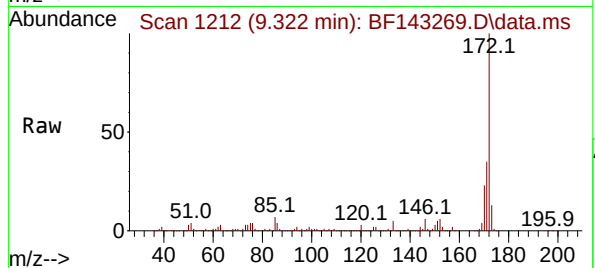
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#46

1,1'-Biphenyl

Concen: 36.364 ng

RT: 9.422 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

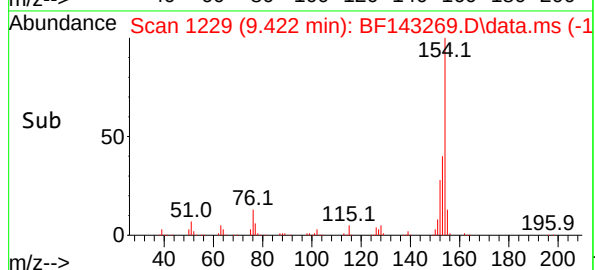
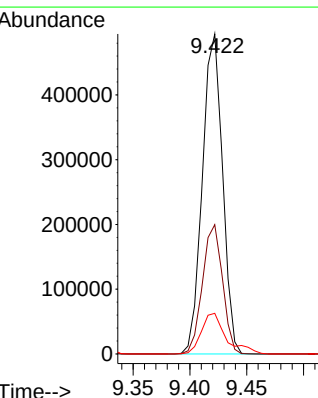
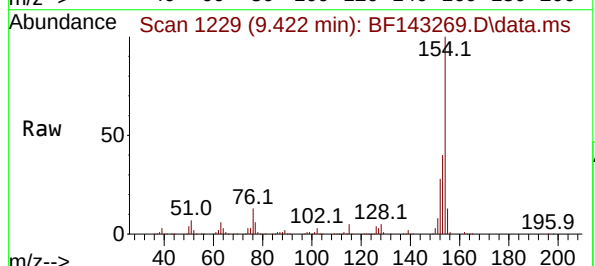
Tgt Ion:154 Resp: 609954

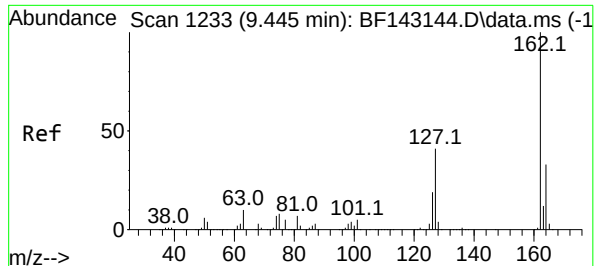
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 12.7 0.0 33.3





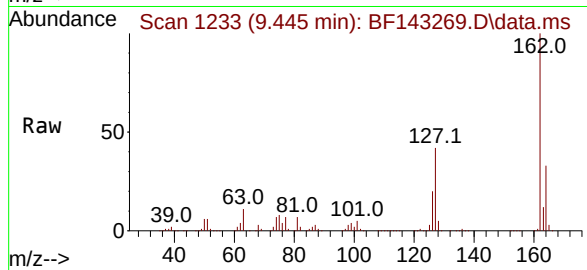
#47
2-Chloronaphthalene
Concen: 36.290 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

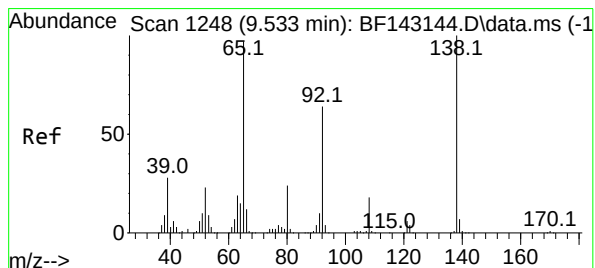
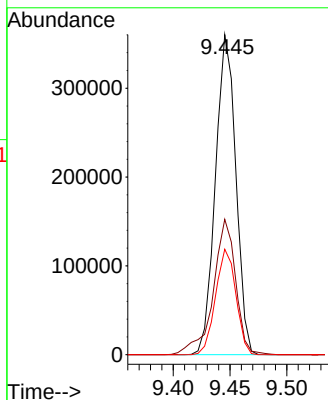
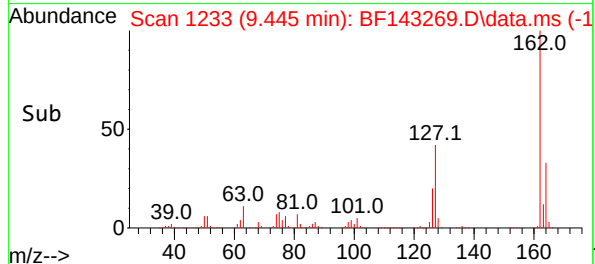


Tgt Ion:162 Resp: 450402
Ion Ratio Lower Upper
162 100
127 42.3 33.4 50.2
164 33.0 26.2 39.2

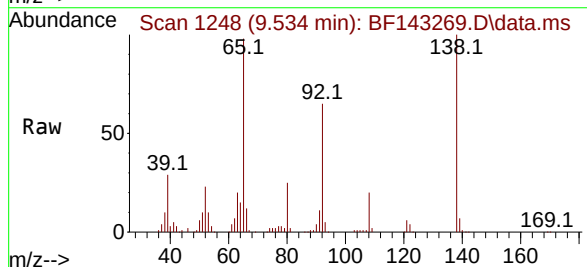
Manual Integrations

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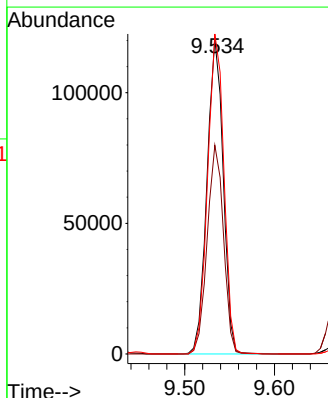
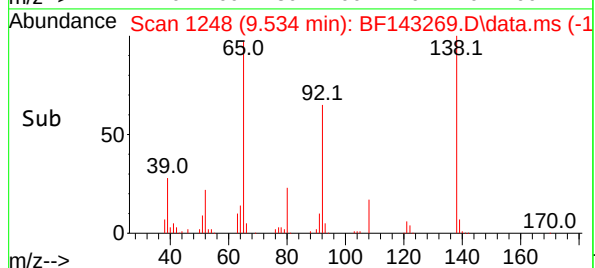
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

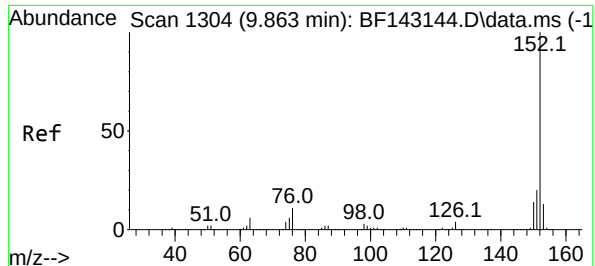


#48
2-Nitroaniline
Concen: 38.901 ng
RT: 9.534 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion: 65 Resp: 151408
Ion Ratio Lower Upper
65 100
92 66.3 52.4 78.6
138 101.6 82.3 123.5





#49

Acenaphthylene

Concen: 36.403 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143269.D

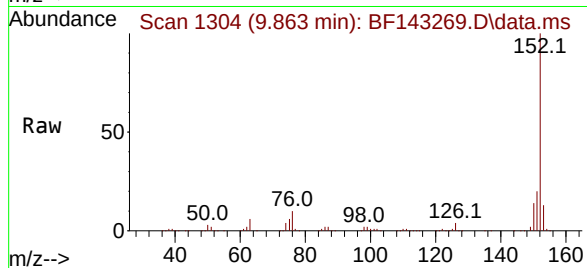
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 757150

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

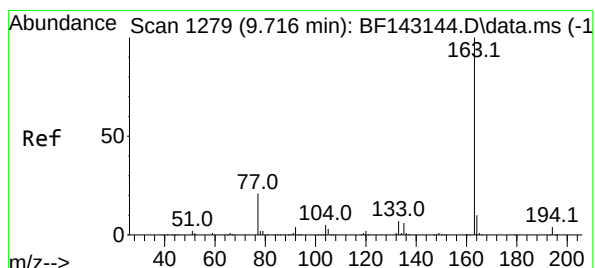
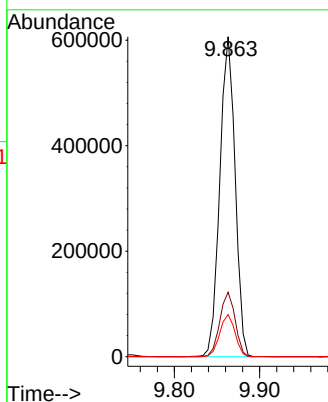
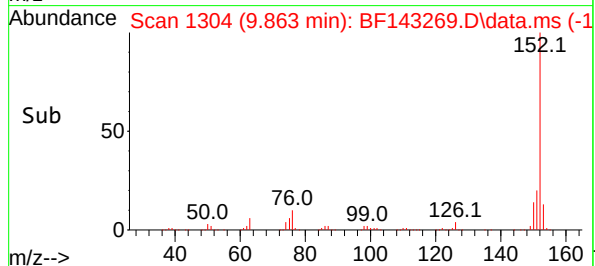
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#50

Dimethylphthalate

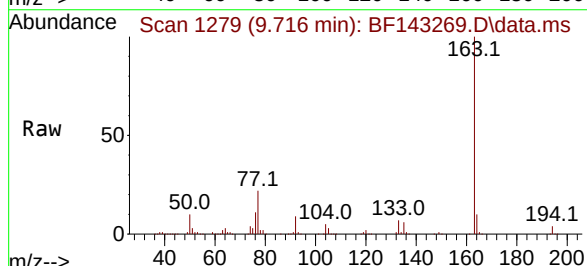
Concen: 36.696 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22



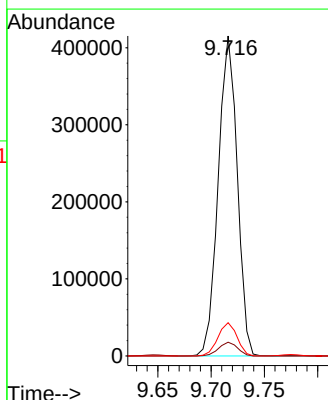
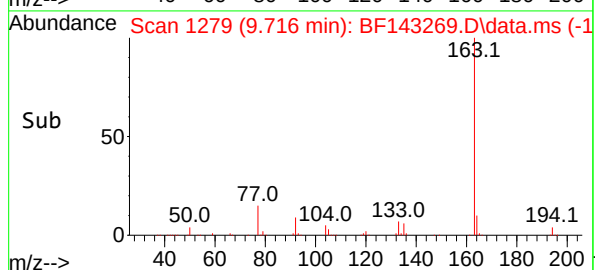
Tgt Ion:163 Resp: 514246

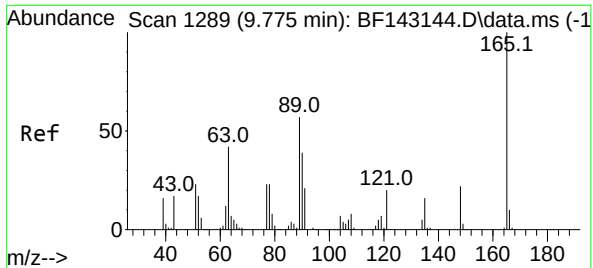
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

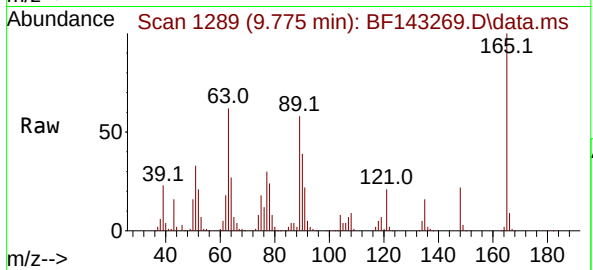
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 39.394 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

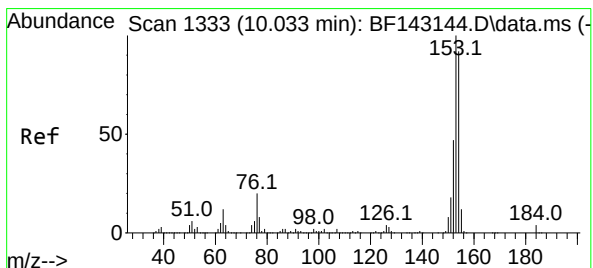
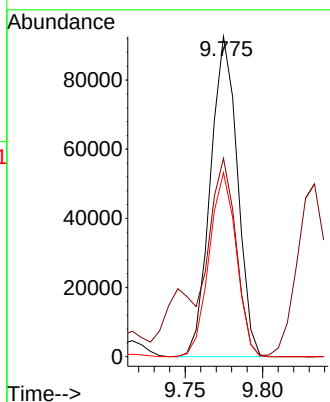
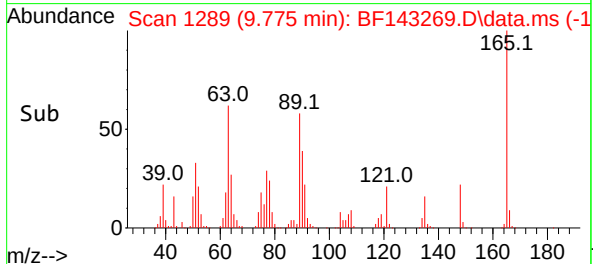
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 112309
Ion Ratio Lower Upper
165 100
63 62.0 49.4 74.2
89 57.5 46.2 69.2

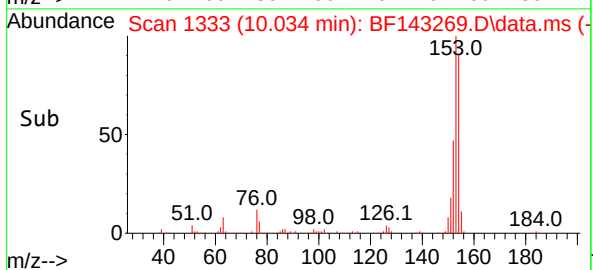
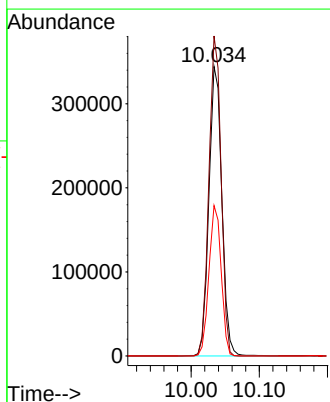
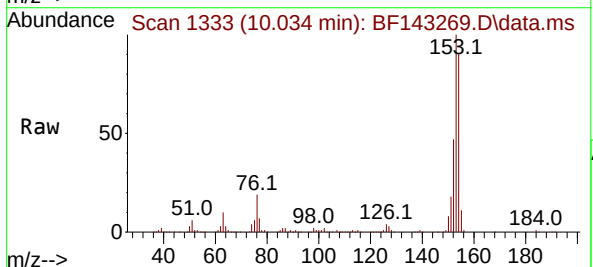
Manual Integrations
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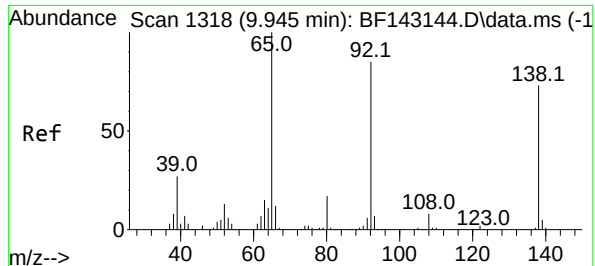
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#52
Acenaphthene
Concen: 36.999 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:154 Resp: 454839
Ion Ratio Lower Upper
154 100
153 110.6 86.6 129.8
152 51.9 40.4 60.6





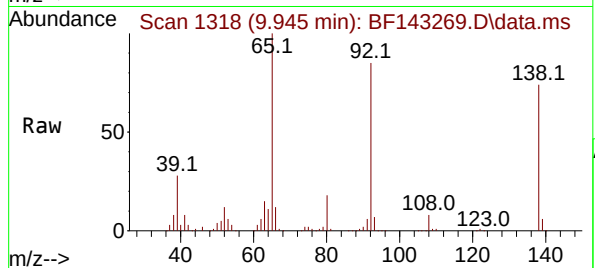
#53
3-Nitroaniline
Concen: 37.740 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

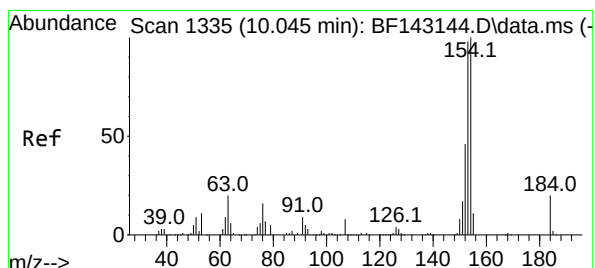
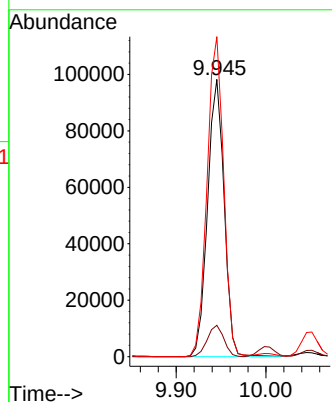
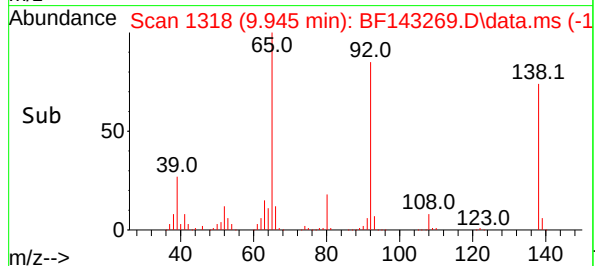


Tgt Ion:138 Resp: 12584
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 115.4 93.0 139.4

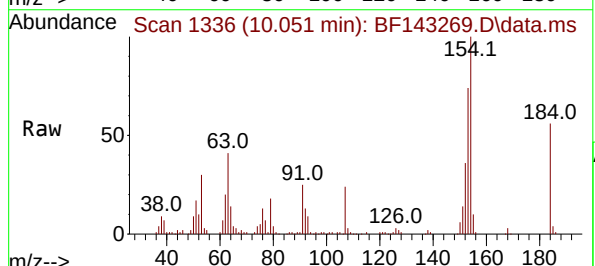
Manual Integrations

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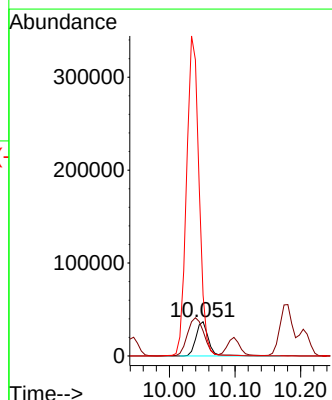
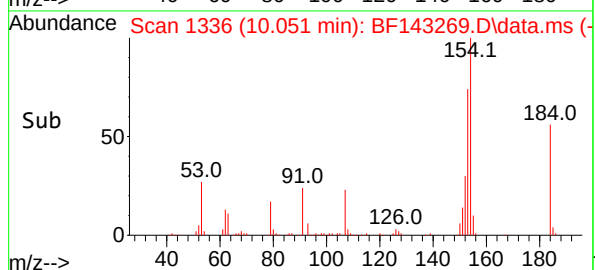
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

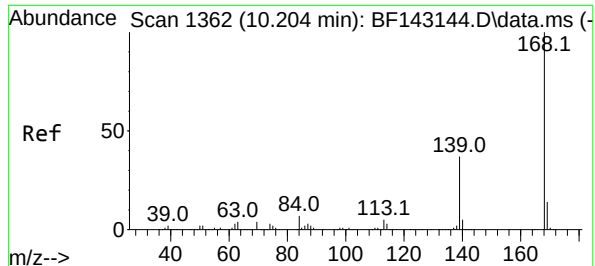


#54
2,4-Dinitrophenol
Concen: 41.684 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



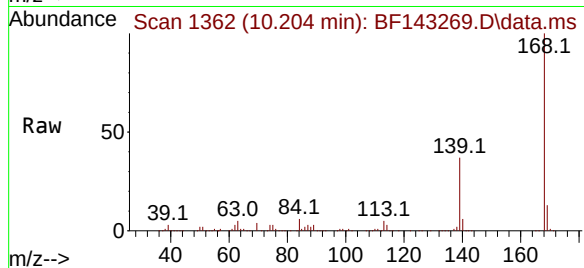
Tgt Ion:184 Resp: 49359
Ion Ratio Lower Upper
184 100
63 73.2 81.8 122.6#
154 177.9 412.2 618.4#





#55
Dibenzenofuran
Concen: 36.120 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

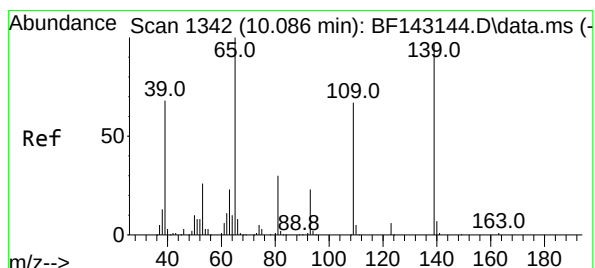
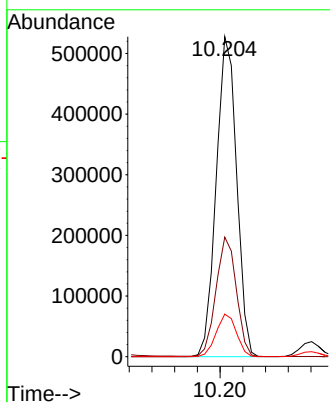
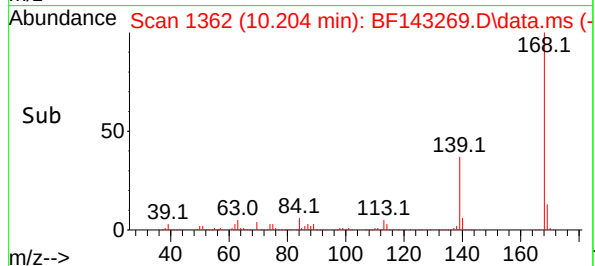
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 65924
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.3 10.9 16.3

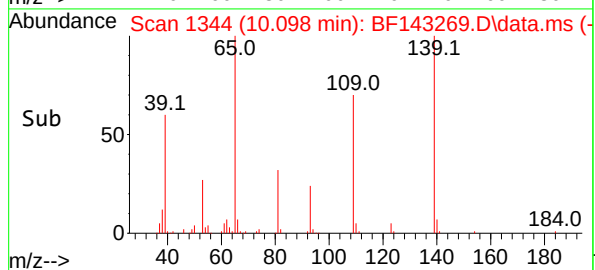
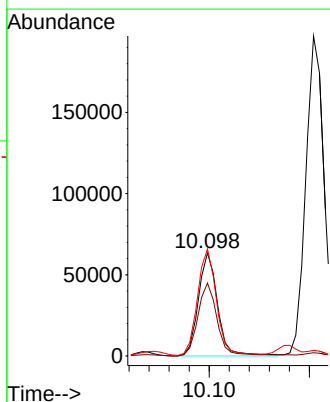
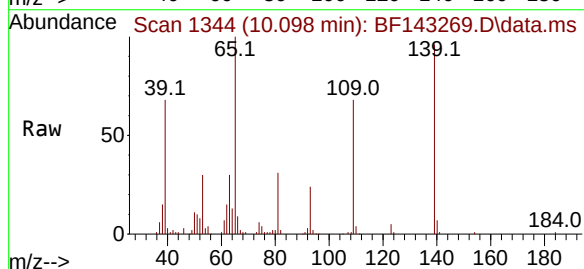
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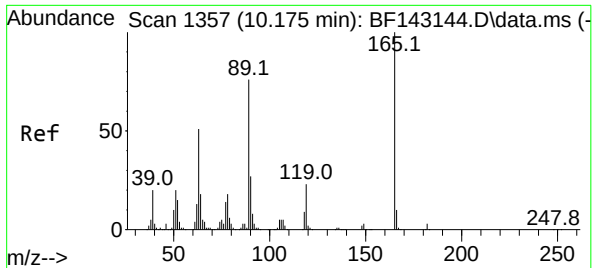
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#56
4-Nitrophenol
Concen: 33.936 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:139 Resp: 84501
Ion Ratio Lower Upper
139 100
109 70.9 48.5 88.5
65 103.9 83.4 123.4





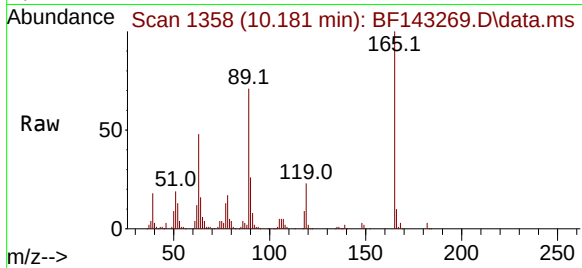
#57
2,4-Dinitrotoluene
Concen: 40.781 ng
RT: 10.181 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

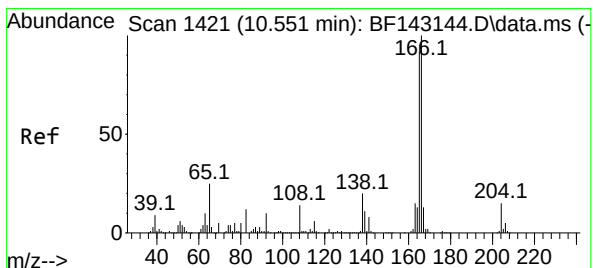
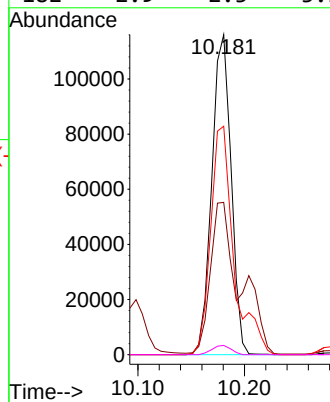
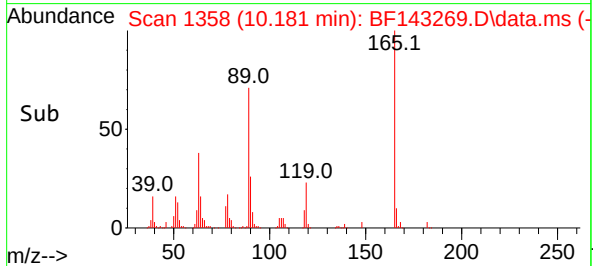


Tgt Ion:165 Resp: 145859
Ion Ratio Lower Upper
165 100
63 47.6 41.0 61.4
89 71.4 61.1 91.7
182 2.9 2.3 3.5

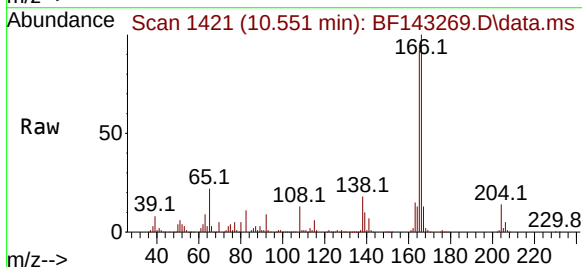
Manual Integrations

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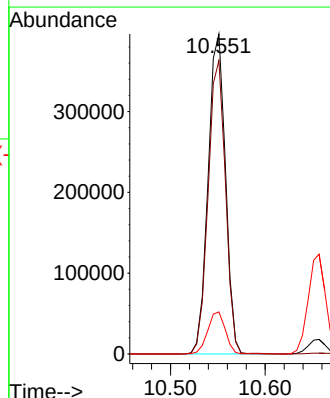
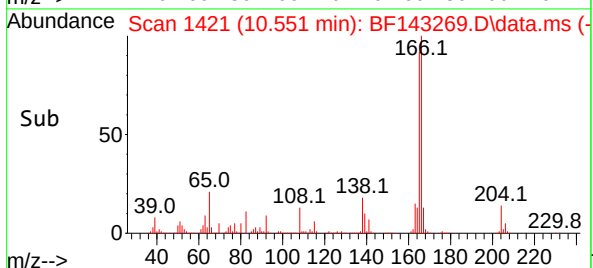
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

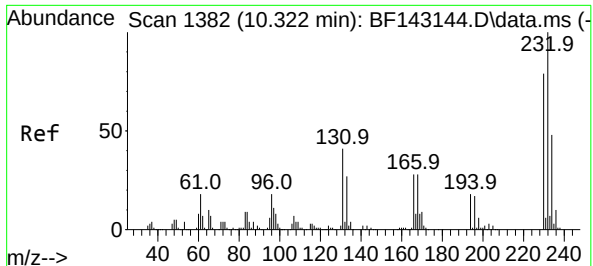


#58
Fluorene
Concen: 36.760 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



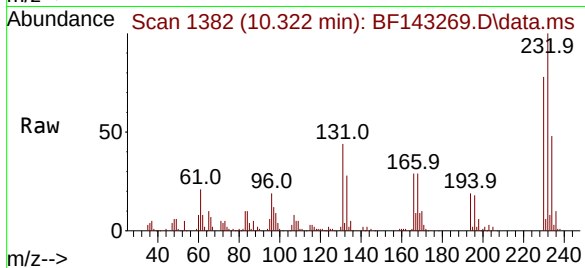
Tgt Ion:166 Resp: 503547
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.792 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

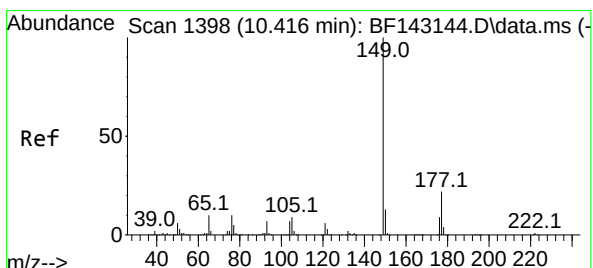
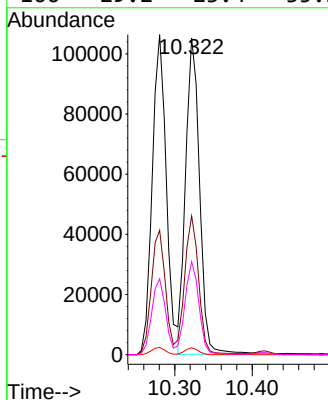
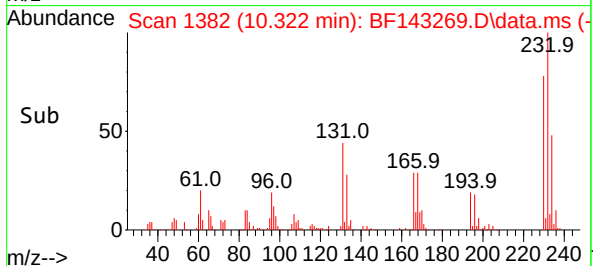
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



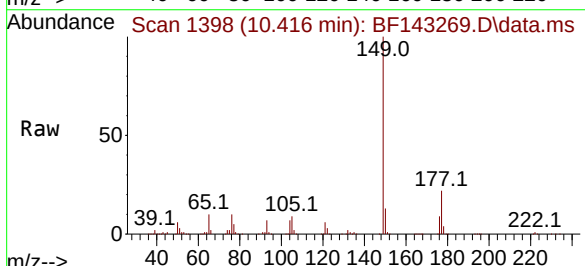
Tgt Ion:232 Resp: 130962
Ion Ratio Lower Upper
232 100
131 44.6 35.3 52.9
130 2.1 1.7 2.5
166 29.2 23.4 35.2

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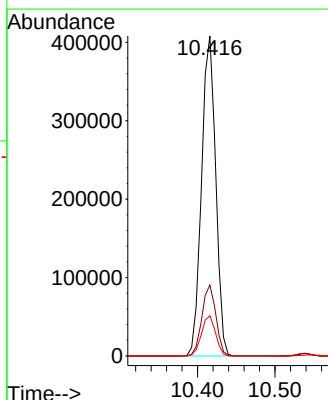
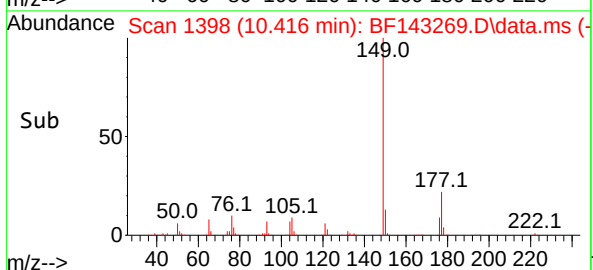
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

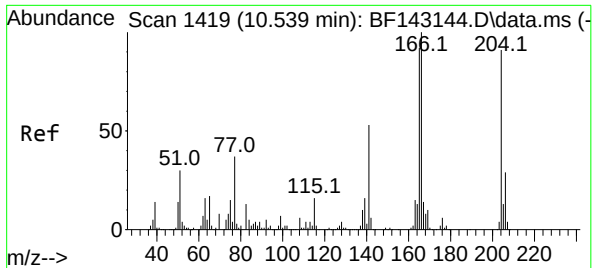


#60
Diethylphthalate
Concen: 37.327 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



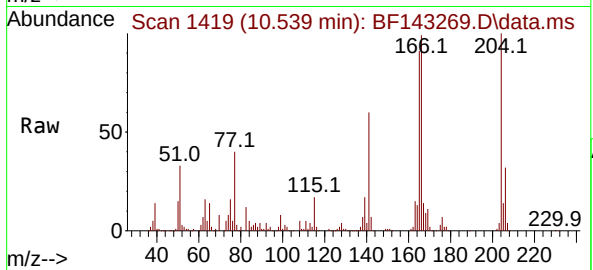
Tgt Ion:149 Resp: 517025
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.358 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

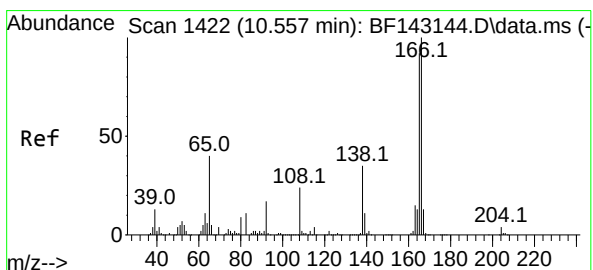
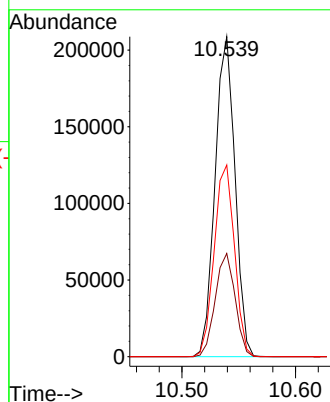
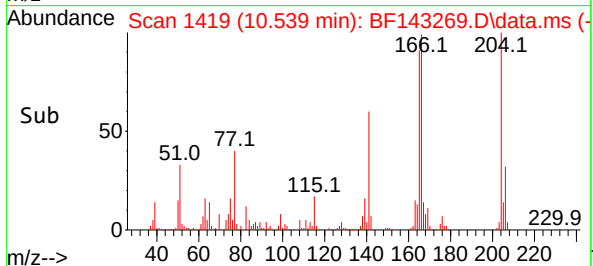
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



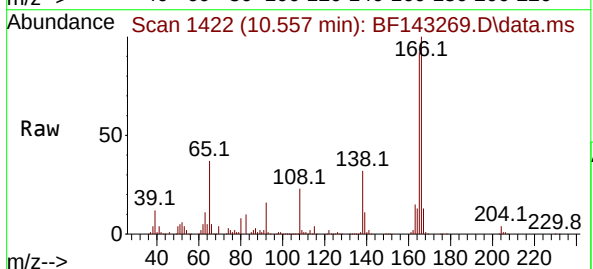
Tgt Ion:204 Resp: 25481
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 59.9 47.0 70.4

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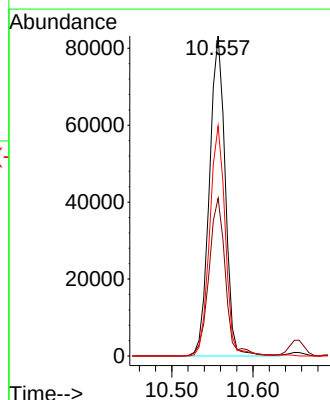
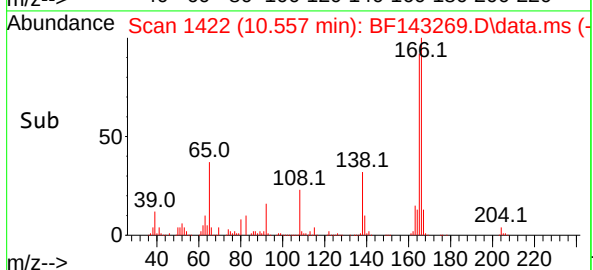
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

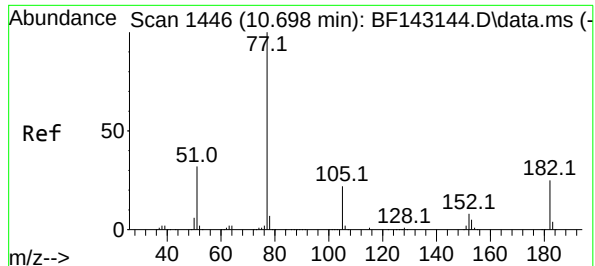


#62
4-Nitroaniline
Concen: 39.303 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



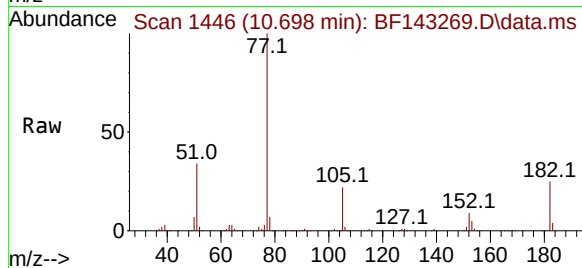
Tgt Ion:138 Resp: 112320
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 71.9 48.3 88.3





#63
Azobenzene
Concen: 35.332 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

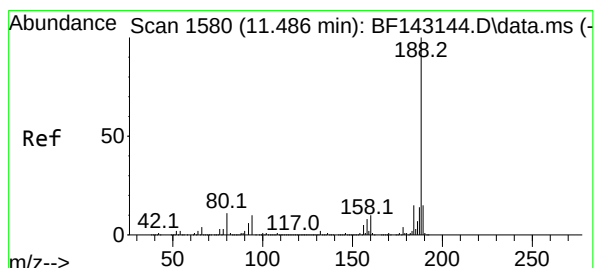
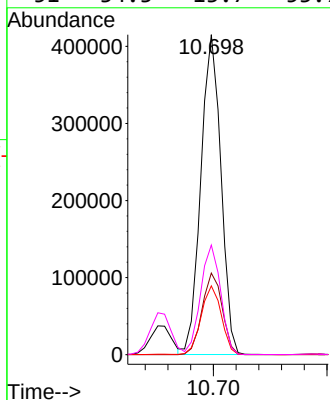
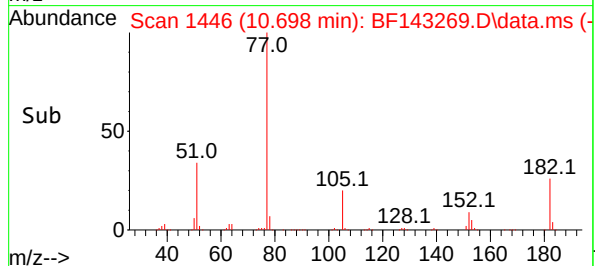
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



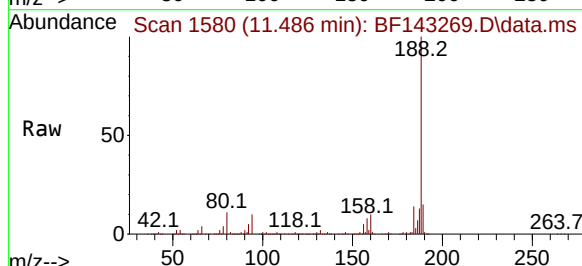
Tgt Ion: 77 Resp: 51054
Ion Ratio Lower Upper
77 100
182 25.5 4.6 44.6
105 21.5 1.4 41.4
51 34.3 13.7 53.7

Manual Integrations
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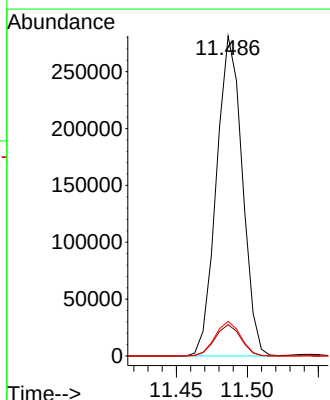
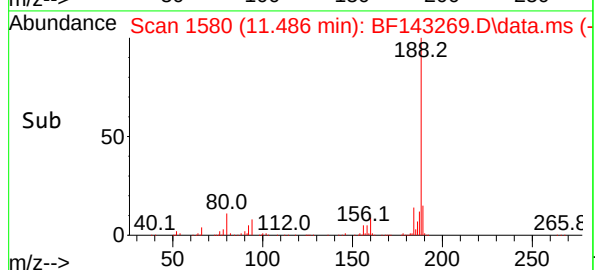
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

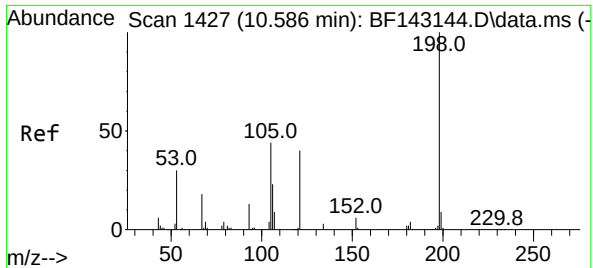


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:188 Resp: 356537
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.8 9.0 13.6





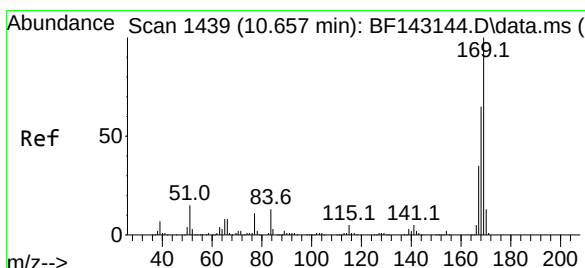
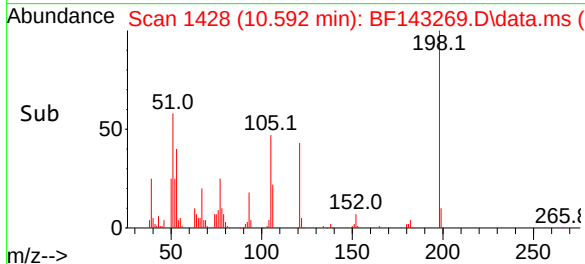
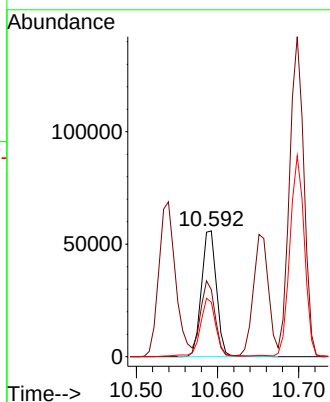
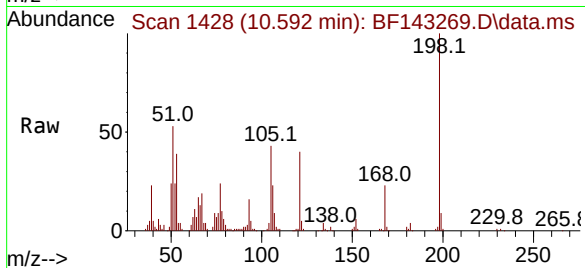
#65
4,6-Dinitro-2-methylphenol
Concen: 39.655 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 72130
Ion Ratio Lower Upper
198 100
51 53.4 37.2 77.2
105 43.4 24.8 64.8

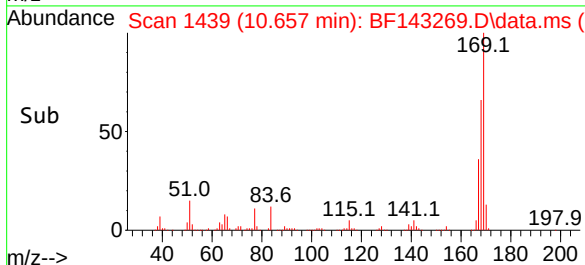
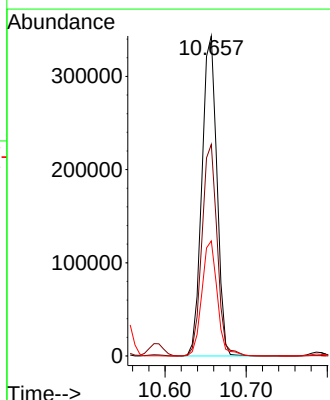
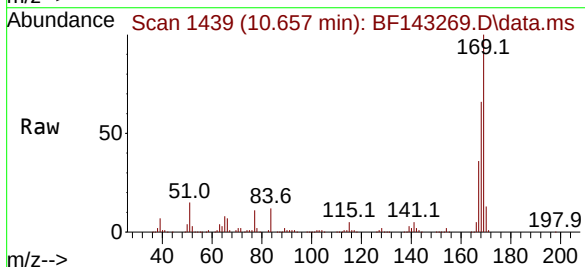
Manual Integrations
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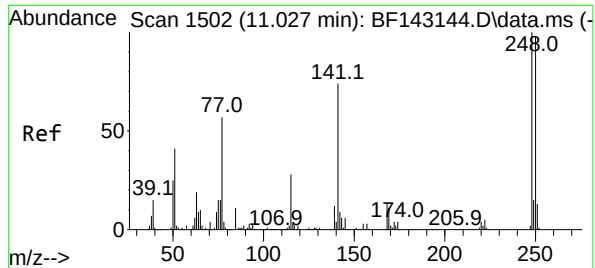
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#66
n-Nitrosodiphenylamine
Concen: 34.955 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

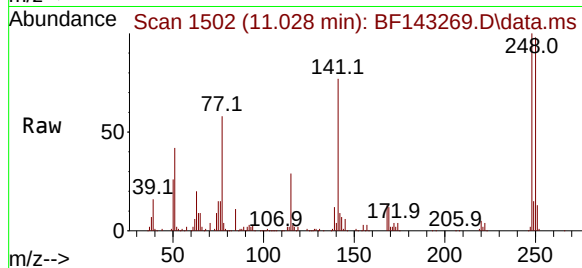
Tgt Ion:169 Resp: 438850
Ion Ratio Lower Upper
169 100
168 66.1 52.1 78.1
167 36.0 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 35.730 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

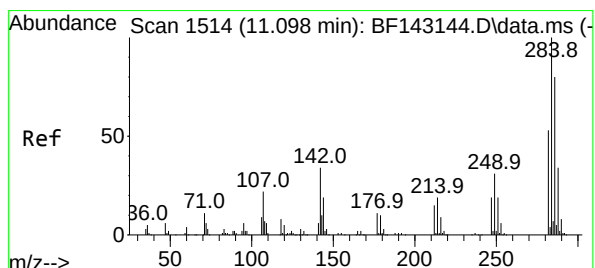
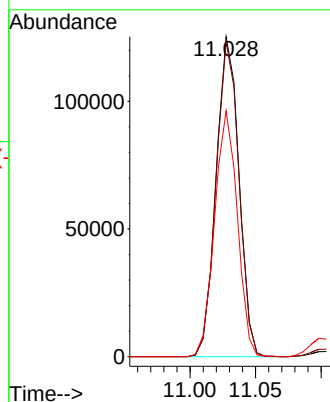
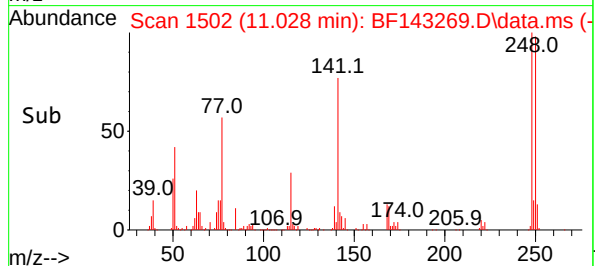
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



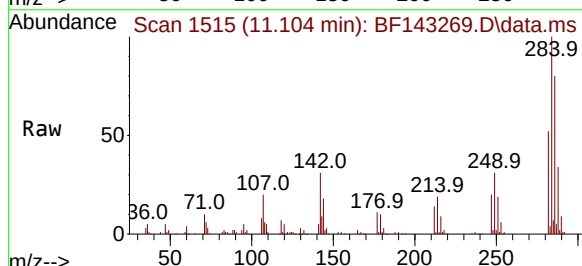
Tgt Ion:248 Resp: 151814
Ion Ratio Lower Upper
248 100
250 98.4 78.3 117.5
141 76.8 59.2 88.8

Manual Integrations
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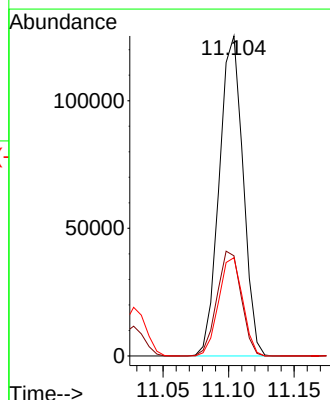
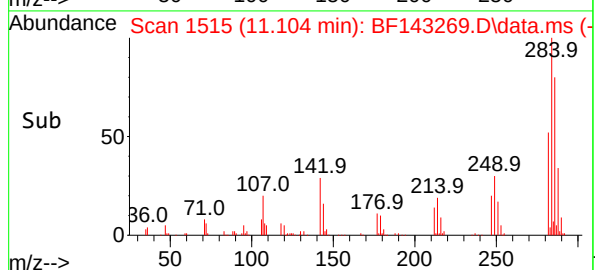
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

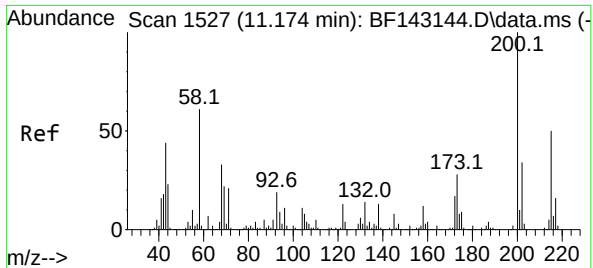


#68
Hexachlorobenzene
Concen: 35.603 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



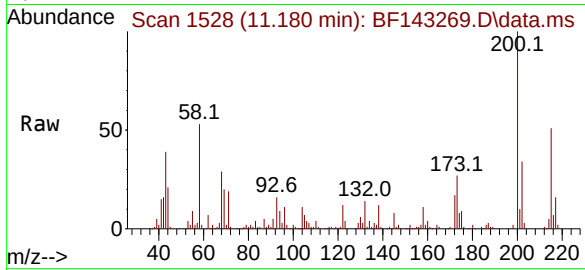
Tgt Ion:284 Resp: 158114
Ion Ratio Lower Upper
284 100
142 31.3 27.0 40.6
249 30.7 25.0 37.6





#69
Atrazine
Concen: 38.065 ng
RT: 11.180 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

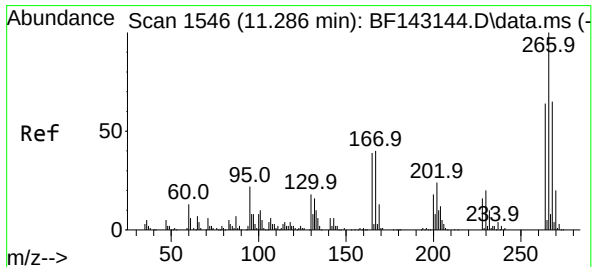
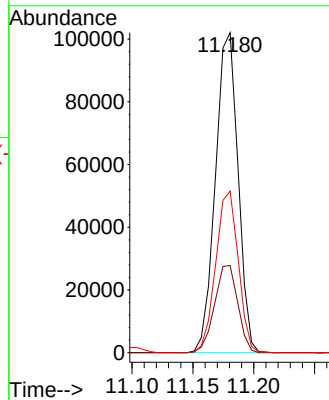
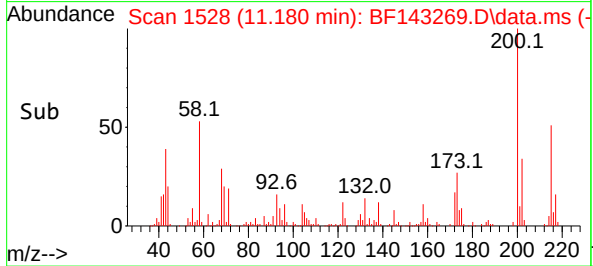
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



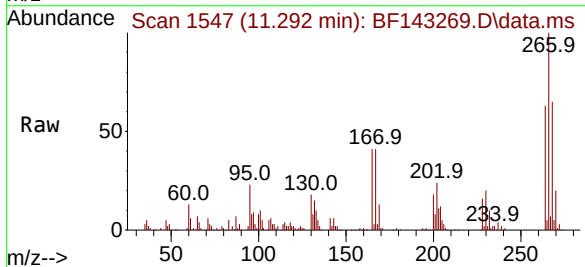
Tgt Ion:200 Resp: 131750
Ion Ratio Lower Upper
200 100
173 27.3 7.9 47.9
215 50.5 30.1 70.1

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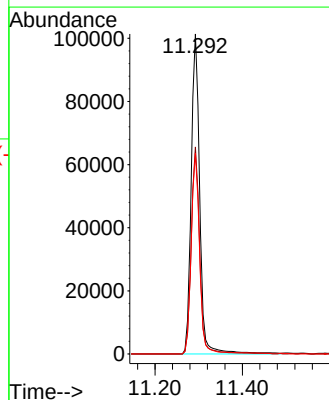
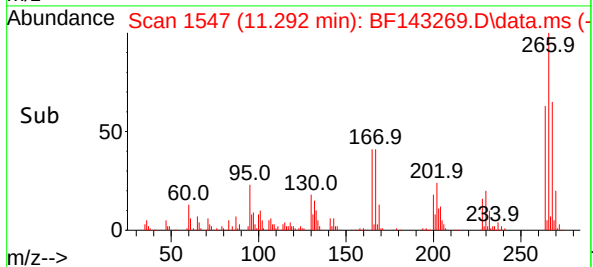
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

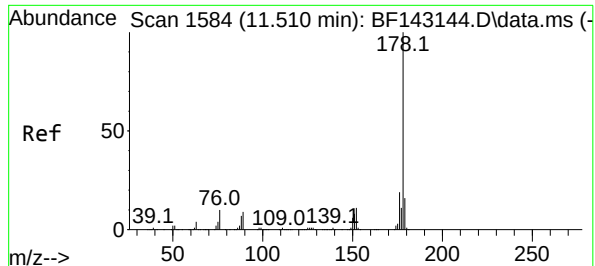


#70
Pentachlorophenol
Concen: 52.723 ng
RT: 11.292 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:266 Resp: 137698
Ion Ratio Lower Upper
266 100
268 64.7 51.9 77.9
264 62.8 51.0 76.6





#71

Phenanthrene

Concen: 35.250 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 667310

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

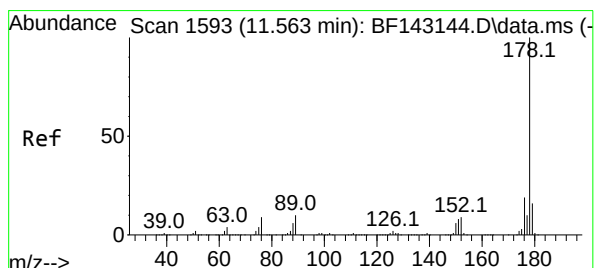
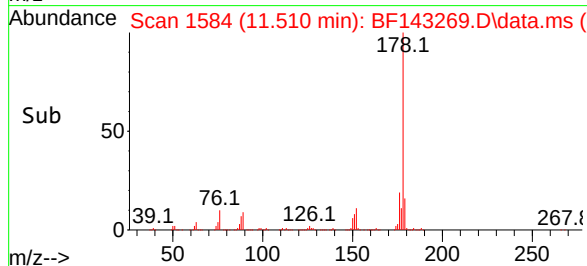
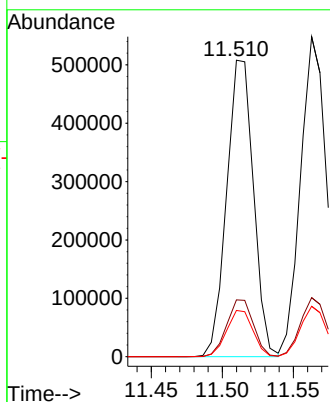
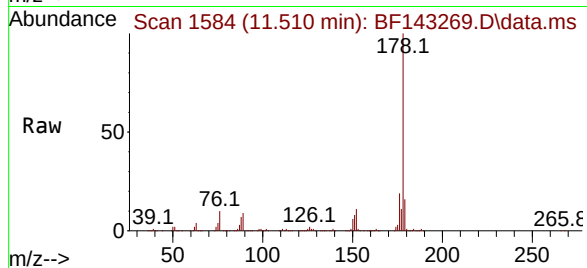
179 15.6 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#72

Anthracene

Concen: 35.722 ng

RT: 11.563 min Scan# 1593

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

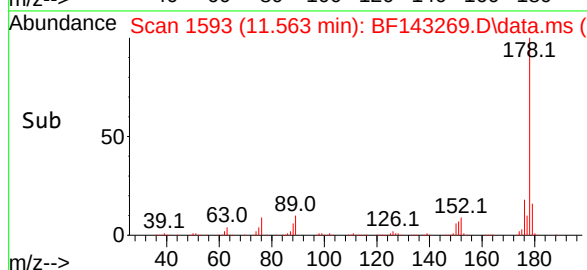
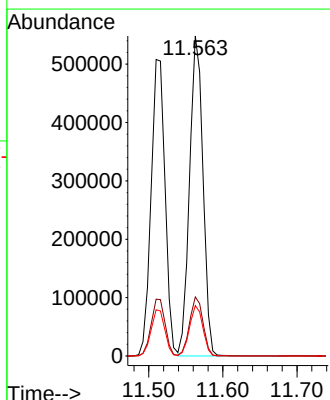
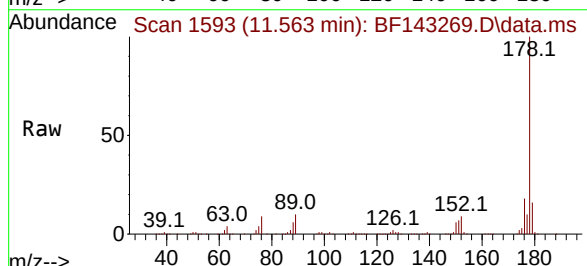
Tgt Ion:178 Resp: 689714

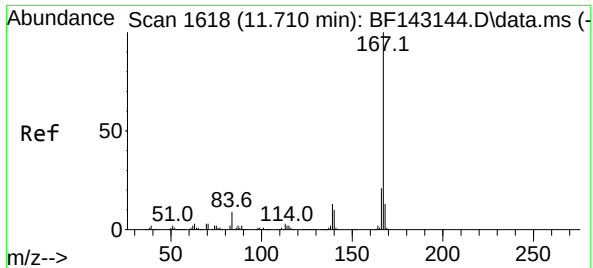
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

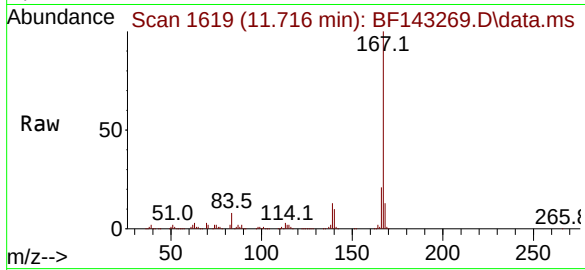
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 35.578 ng
 RT: 11.716 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF143269.D
 Acq: 30 Jul 2025 15:22

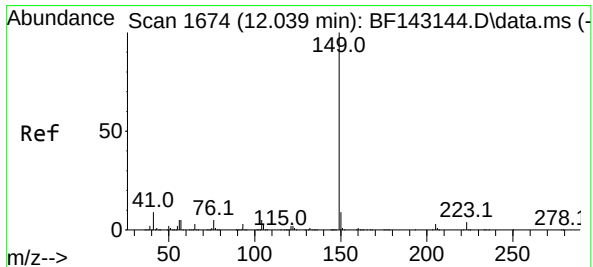
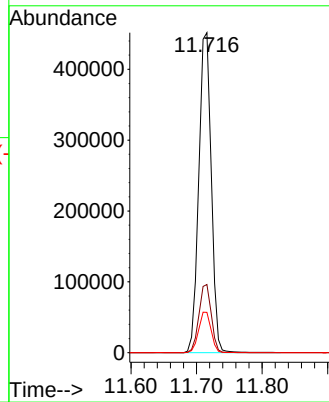
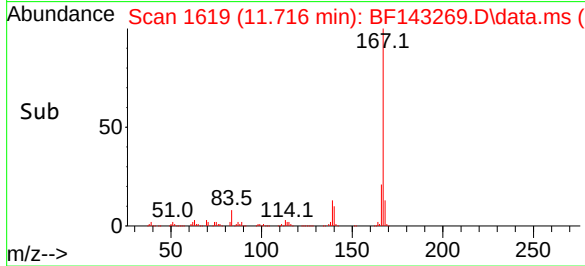
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:167 Resp: 599825
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.6 10.0 15.0

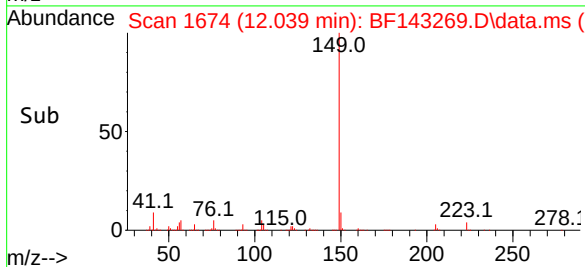
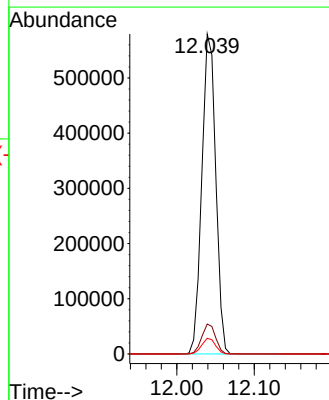
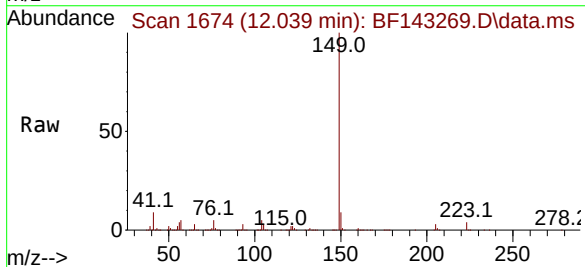
Manual Integrations
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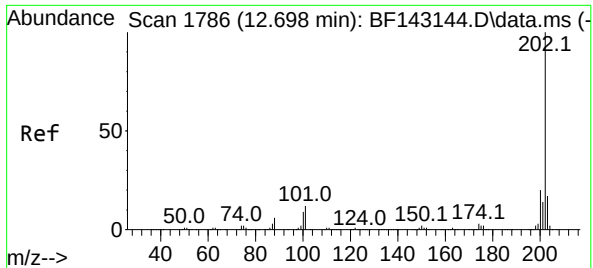
Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025



#74
 Di-n-butylphthalate
 Concen: 37.905 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143269.D
 Acq: 30 Jul 2025 15:22

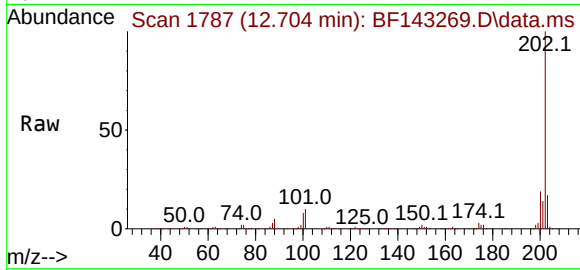
Tgt Ion:149 Resp: 723076
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 37.315 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

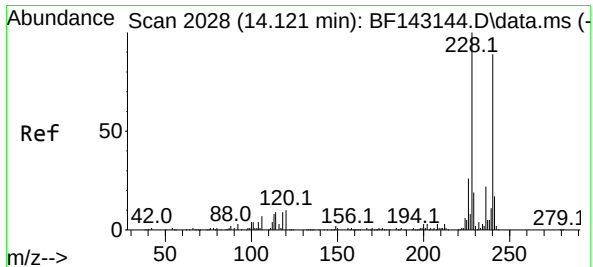
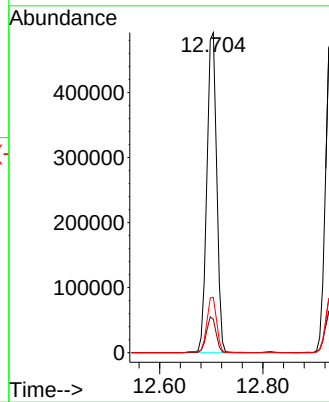
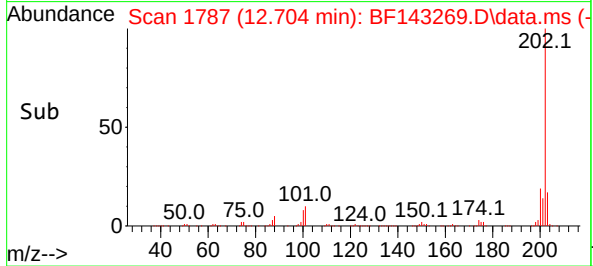
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



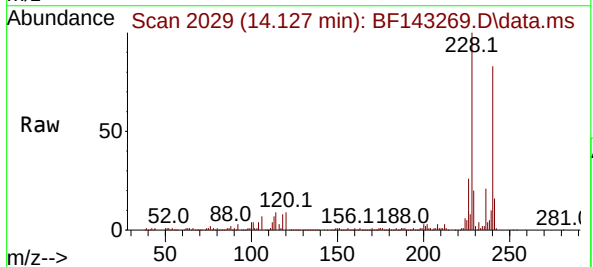
Tgt Ion:202 Resp: 648389
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.7
203 17.3 0.0 37.4

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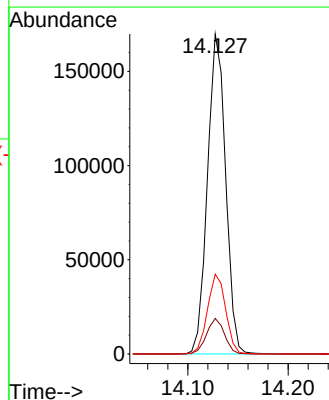
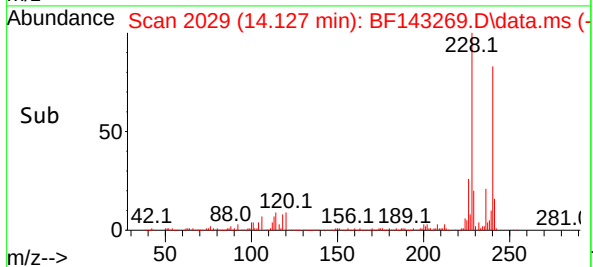
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

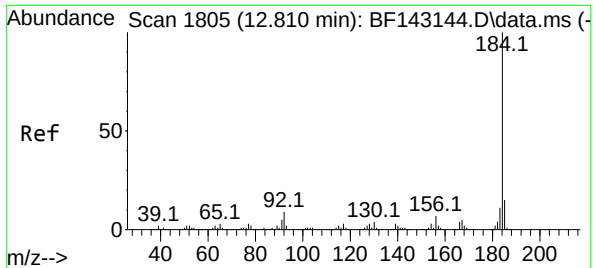


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



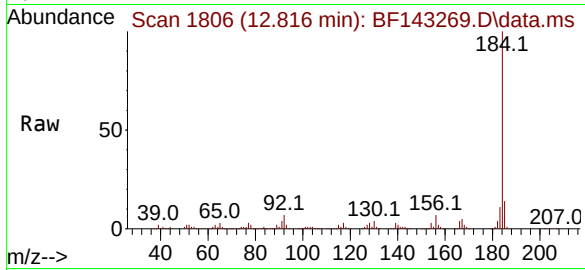
Tgt Ion:240 Resp: 214084
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.0 20.2 30.4





#77
Benzidine
Concen: 37.527 ng
RT: 12.816 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

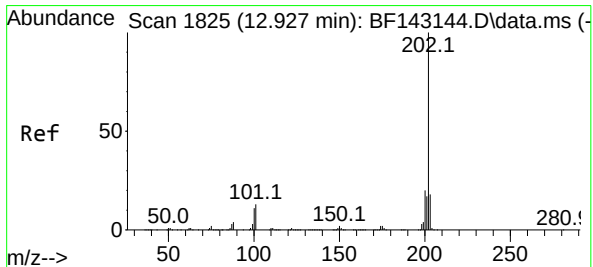
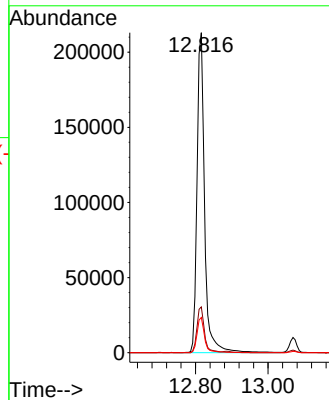
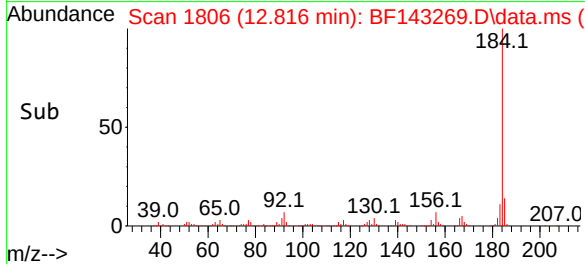
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 309520
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.0 9.0 13.4

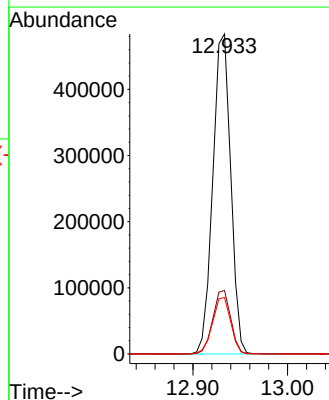
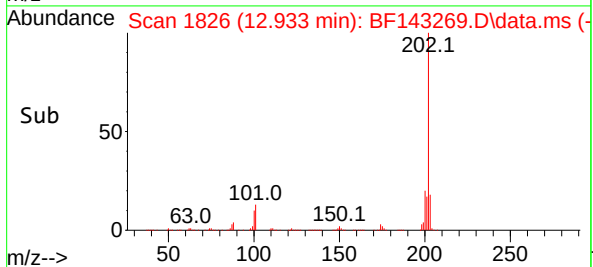
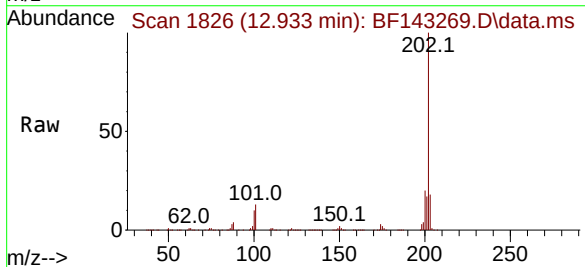
Manual Integrations
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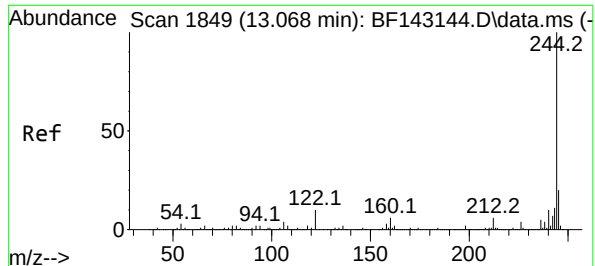
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#78
Pyrene
Concen: 34.846 ng
RT: 12.933 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion:202 Resp: 636675
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.7 14.2 21.2





#79

Terphenyl-d14

Concen: 70.947 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 102066

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

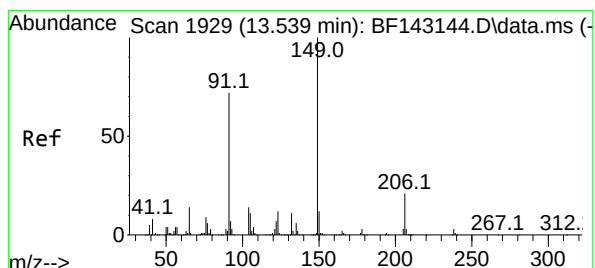
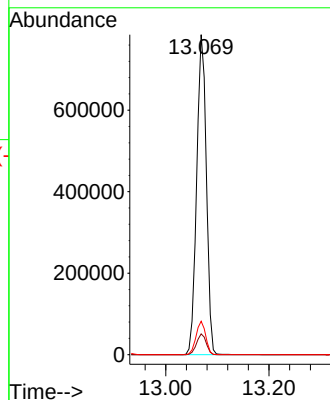
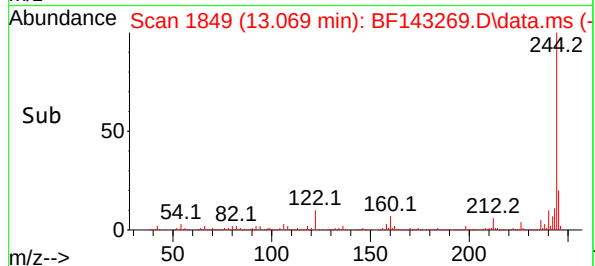
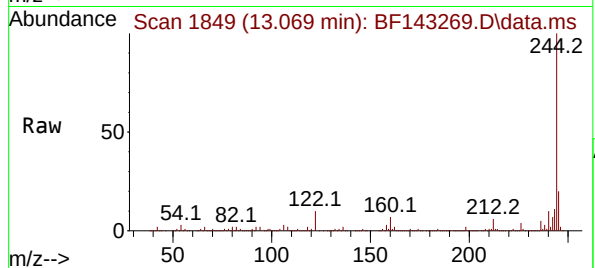
122 10.5 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#80

Butylbenzylphthalate

Concen: 44.238 ng

RT: 13.539 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

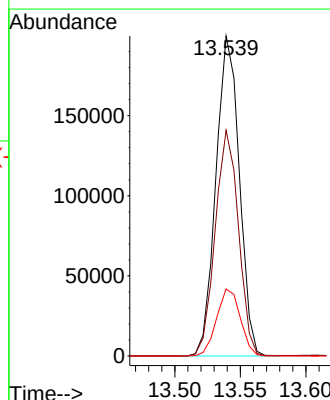
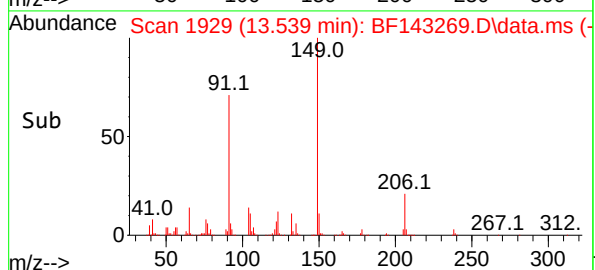
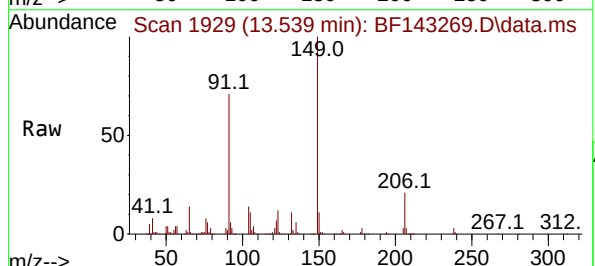
Tgt Ion:149 Resp: 247506

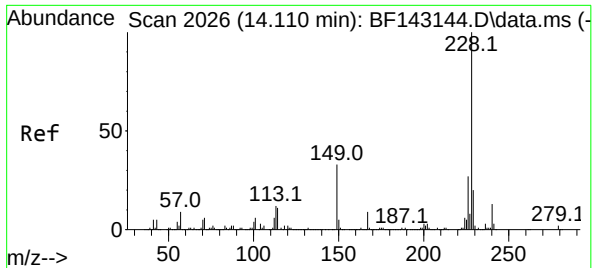
Ion Ratio Lower Upper

149 100

91 70.5 57.9 86.9

206 21.0 17.0 25.4





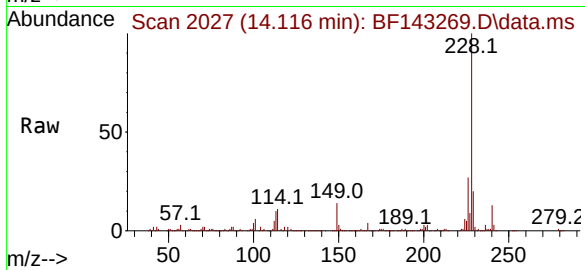
#81
Benzo(a)anthracene
Concen: 36.905 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

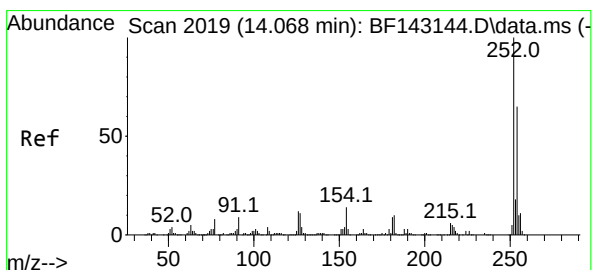
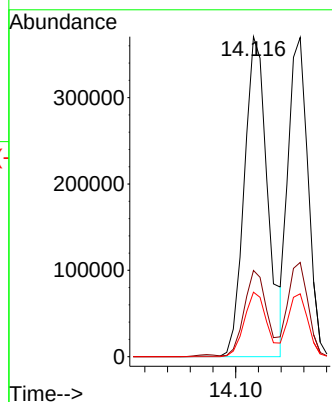
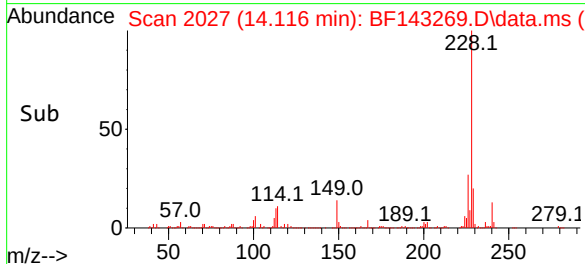


Tgt Ion:228 Resp: 528958
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 20.1 15.8 23.6

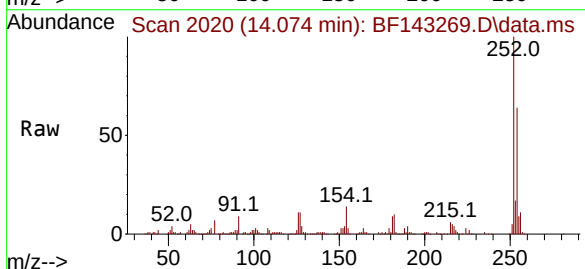
Manual Integrations

APPROVED

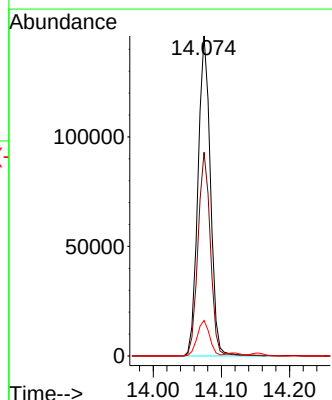
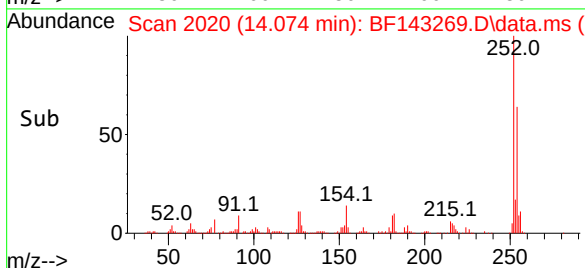
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

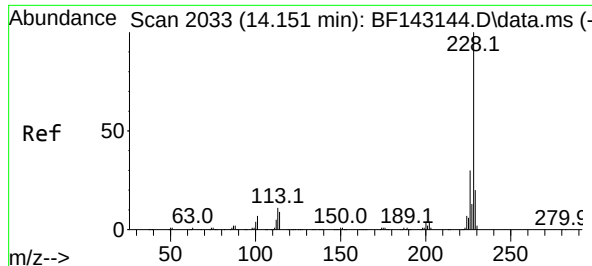


#82
3,3'-Dichlorobenzidine
Concen: 38.797 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:252 Resp: 185332
Ion Ratio Lower Upper
252 100
254 63.6 51.7 77.5
126 11.1 9.4 14.0





#83

Chrysene

Concen: 34.700 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 447164

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

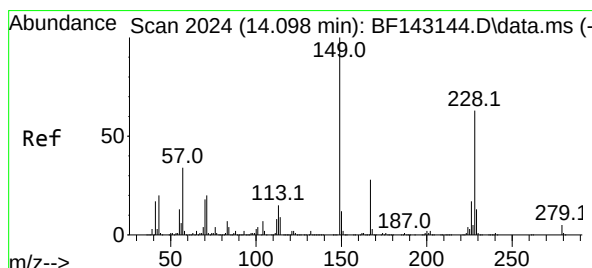
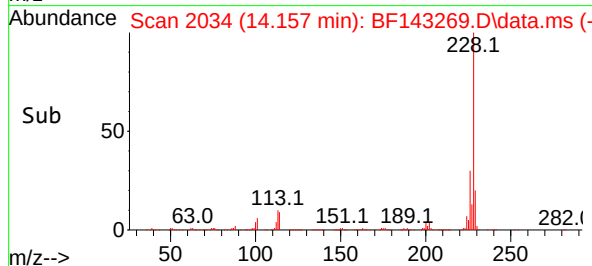
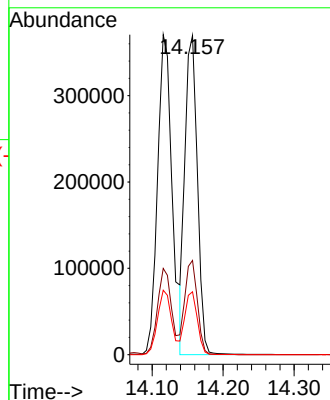
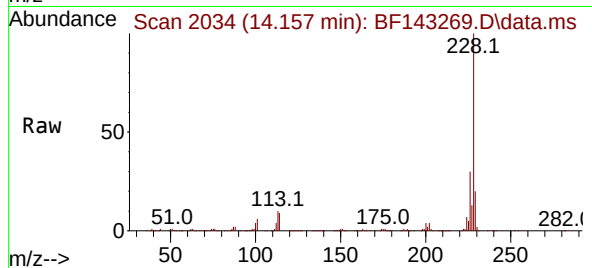
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.245 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22

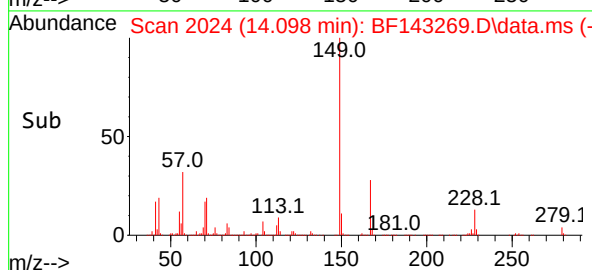
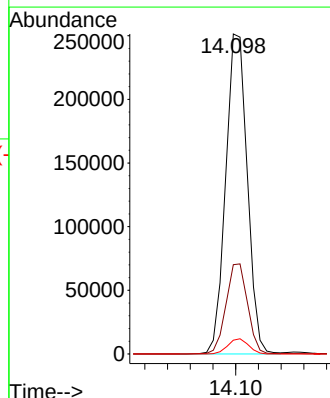
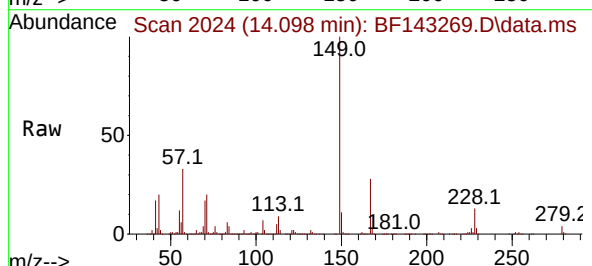
Tgt Ion:149 Resp: 332341

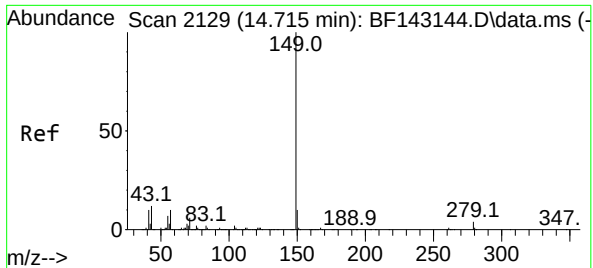
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

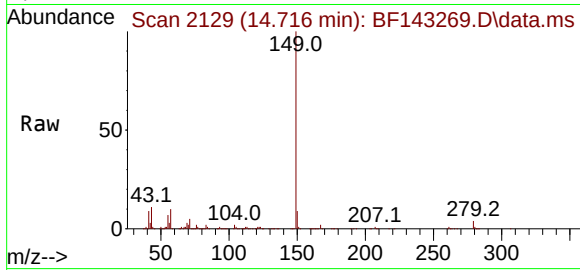
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 36.790 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

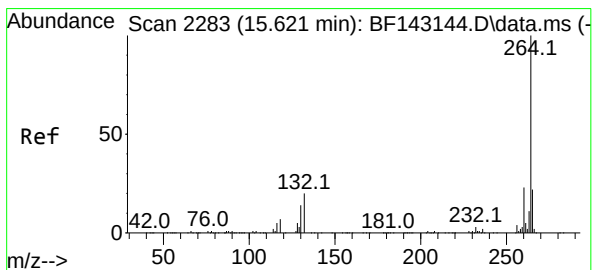
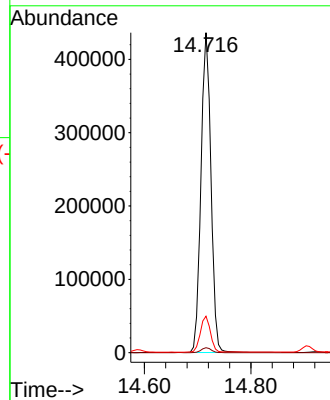
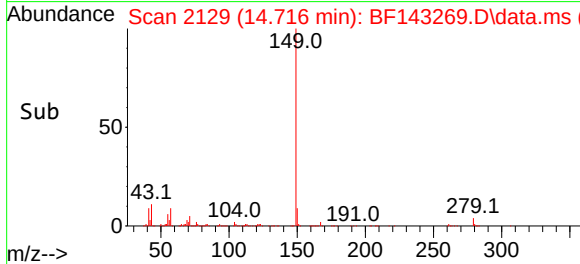
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



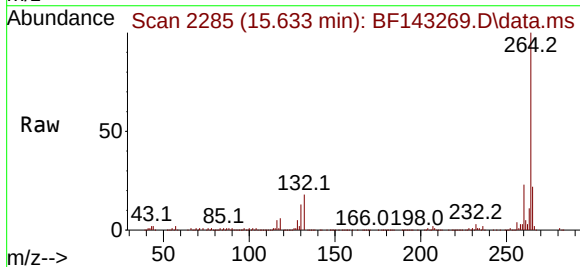
Tgt Ion:149 Resp: 564710
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.5 9.7 14.5

Manual Integrations
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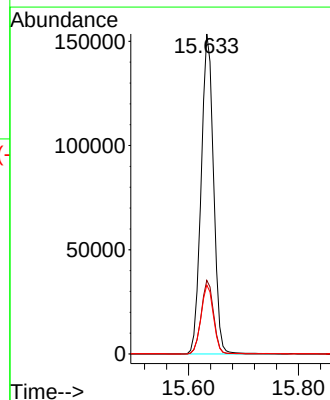
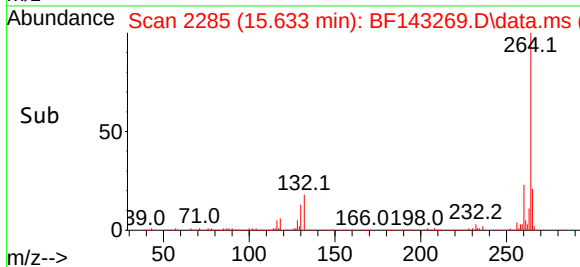
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

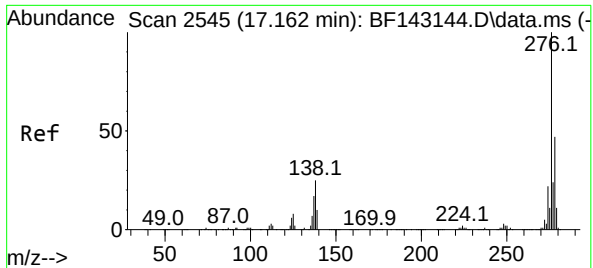


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



Tgt Ion:264 Resp: 240904
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 21.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.384 ng

RT: 17.186 min Scan# 2110

Delta R.T. 0.024 min

Lab File: BF143269.D

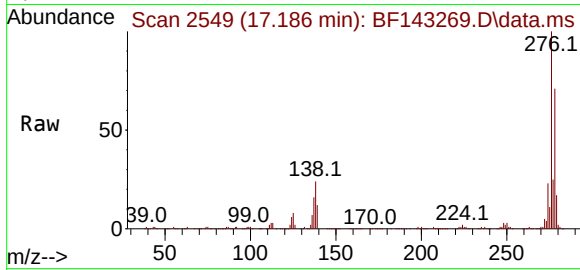
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 618049

Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.6

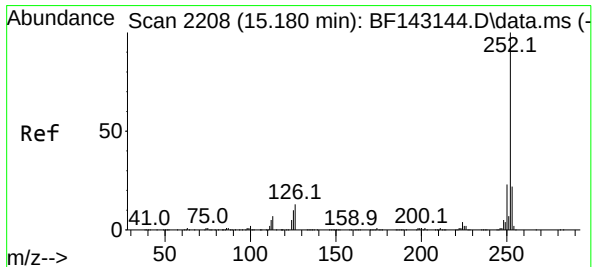
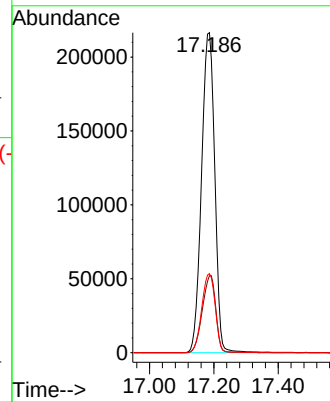
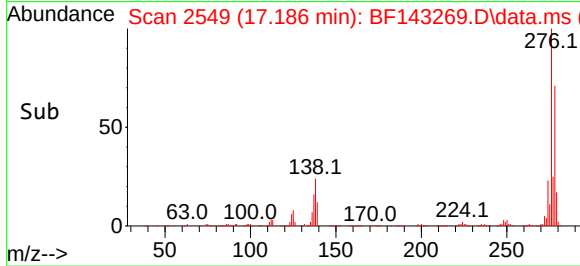
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#88

Benzo(b)fluoranthene

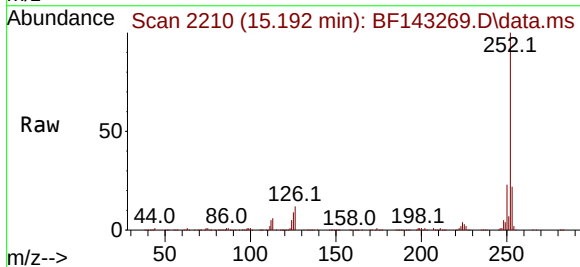
Concen: 34.911 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143269.D

Acq: 30 Jul 2025 15:22



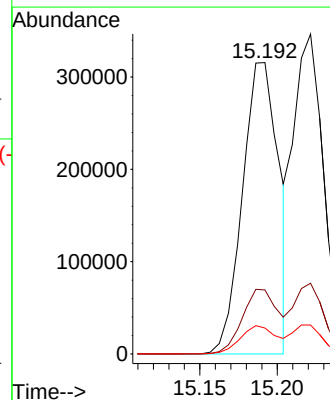
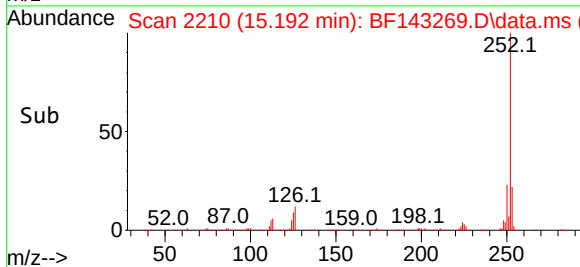
Tgt Ion:252 Resp: 513789

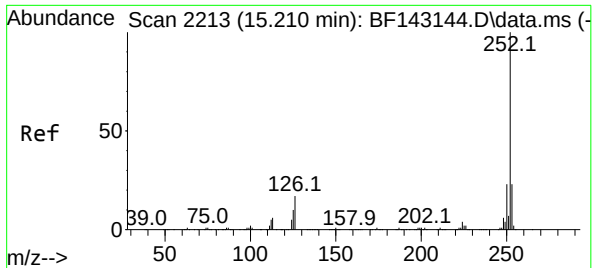
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.9 8.0 12.0





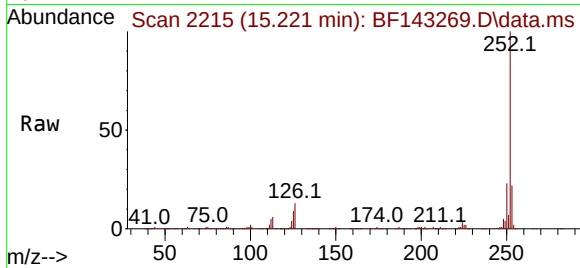
#89
Benzo(k)fluoranthene
Concen: 35.747 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

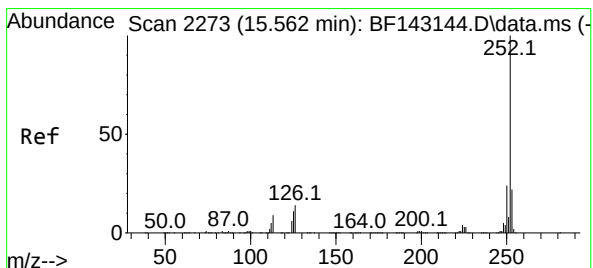
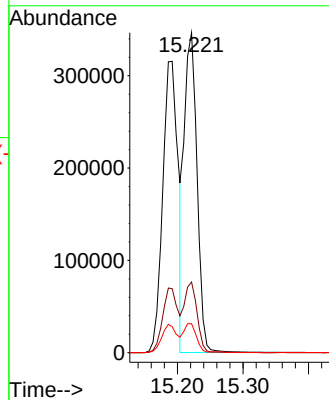
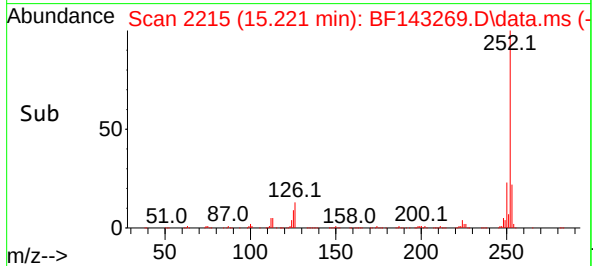


Tgt Ion:252 Resp: 469458
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.1 8.1 12.1

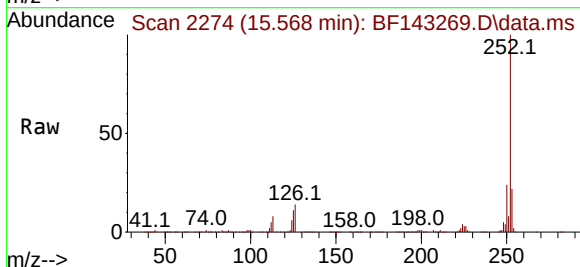
Manual Integrations

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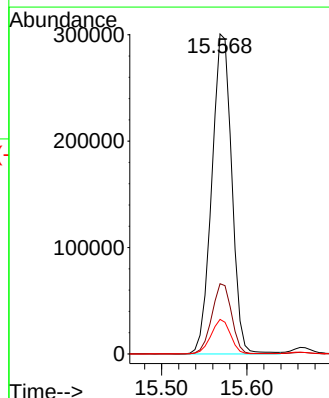
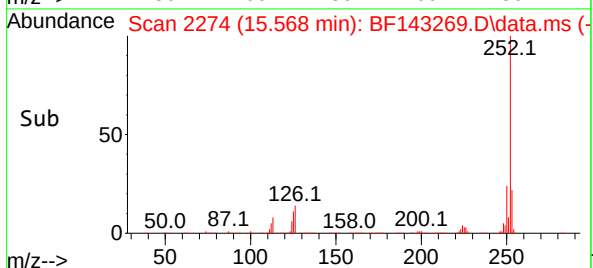
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

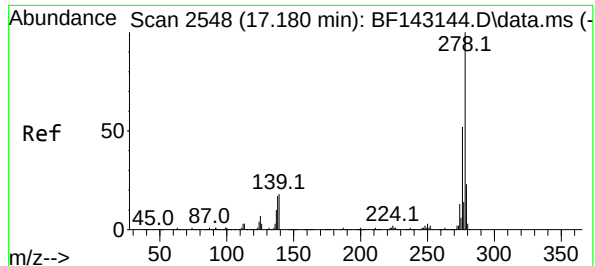


#90
Benzo(a)pyrene
Concen: 36.060 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22



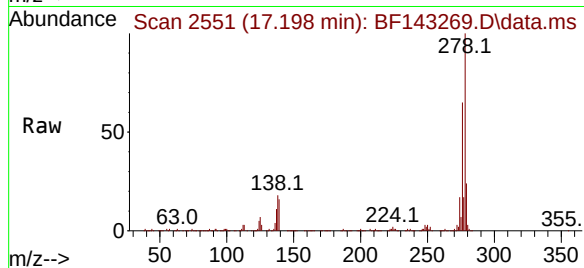
Tgt Ion:252 Resp: 488959
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.8 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 36.092 ng
RT: 17.198 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

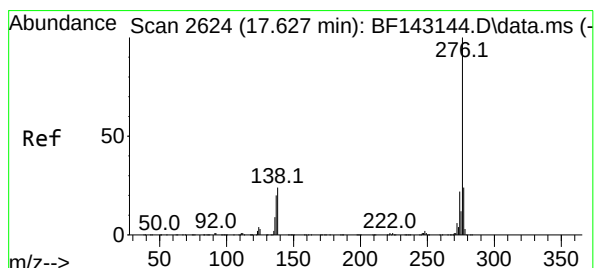
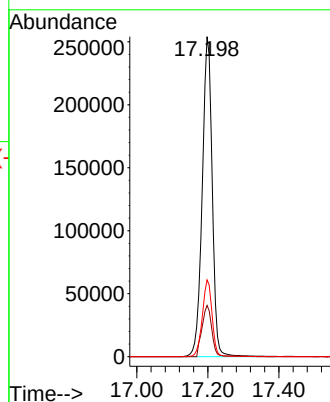
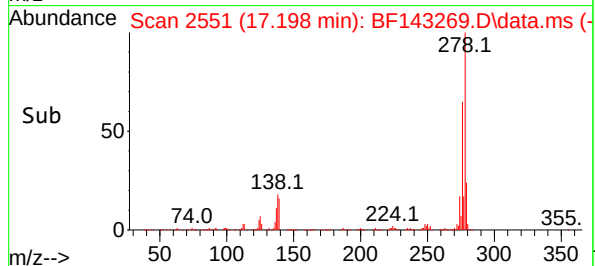
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 278 Resp: 49902
Ion Ratio Lower Upper
278 100
139 16.0 14.1 21.1
279 24.0 18.6 28.0

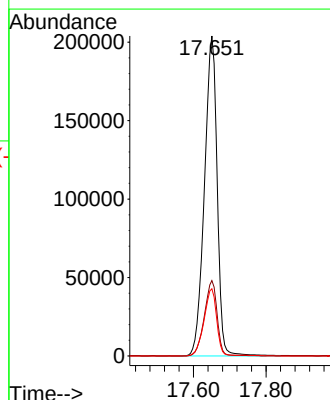
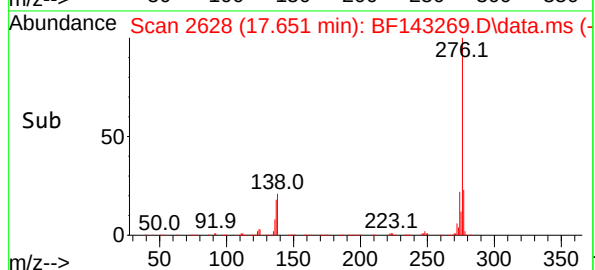
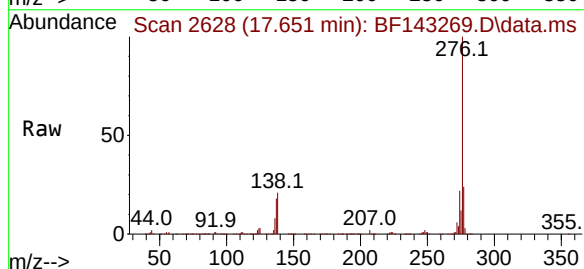
Manual Integrations
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Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#92
Benzo(g,h,i)perylene
Concen: 37.188 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.024 min
Lab File: BF143269.D
Acq: 30 Jul 2025 15:22

Tgt Ion: 276 Resp: 497377
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 21.0 18.9 28.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	66	0.00
2	1,4-Dioxane	0.598	0.494	17.4	55	-0.02
3	Pyridine	1.552	1.280	17.5	55	-0.01
4	n-Nitrosodimethylamine	0.801	0.684	14.6	56	-0.02
5 S	2-Fluorophenol	1.264	1.107	12.4	59	0.00
6	Aniline	2.217	1.881	15.2	56	0.00
7 S	Phenol-d6	1.591	1.376	13.5	59	0.00
8	2-Chlorophenol	1.325	1.191	10.1	60	0.00
9	Benzaldehyde	1.193	1.062	11.0	49#	0.00
10 C	Phenol	1.733	1.575	9.1	61	0.00
11	bis(2-Chloroethyl)ether	1.327	1.137	14.3	58	0.00
12	1,3-Dichlorobenzene	1.439	1.290	10.4	61	0.00
13 C	1,4-Dichlorobenzene	1.449	1.303	10.1	61	0.00
14	1,2-Dichlorobenzene	1.378	1.253	9.1	62	0.00
15	Benzyl Alcohol	1.215	1.105	9.1	60	0.00
16	2,2'-oxybis(1-Chloropropane	2.461	2.088	15.2	57	0.00
17	2-Methylphenol	1.114	0.989	11.2	60	0.00
18	Hexachloroethane	0.502	0.469	6.6	63	0.00
19 P	n-Nitroso-di-n-propylamine	1.021	0.867	15.1	58	0.00
20	3+4-Methylphenols	1.351	1.193	11.7	59	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	66	0.00
22	Acetophenone	0.474	0.411	13.3	60	0.00
23 S	Nitrobenzene-d5	0.401	0.370	7.7	62	0.00
24	Nitrobenzene	0.374	0.341	8.8	60	0.00
25	Isophorone	0.708	0.609	14.0	58	0.00
26 C	2-Nitrophenol	0.162	0.163	-0.6	63	0.00
27	2,4-Dimethylphenol	0.331	0.283	14.5	58	0.00
28	bis(2-Chloroethoxy)methane	0.425	0.367	13.6	59	0.00
29 C	2,4-Dichlorophenol	0.279	0.252	9.7	61	0.00
30	1,2,4-Trichlorobenzene	0.302	0.273	9.6	62	0.00
31	Naphthalene	0.985	0.879	10.8	61	0.00
32	Benzoic acid	0.169	0.148	12.4	54	0.00
33	4-Chloroaniline	0.402	0.354	11.9	60	0.00
34 C	Hexachlorobutadiene	0.184	0.171	7.1	63	0.00
35	Caprolactam	0.084	0.078	7.1	60	0.00
36 C	4-Chloro-3-methylphenol	0.303	0.274	9.6	61	0.00
37	2-Methylnaphthalene	0.599	0.538	10.2	62	0.00
38	1-Methylnaphthalene	0.617	0.551	10.7	61	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	0.577	0.540	6.4	64	0.00
41 P	Hexachlorocyclopentadiene	0.376	0.330	12.2	57	0.00
42 S	2,4,6-Tribromophenol	0.207	0.196	5.3	60	0.00
43 C	2,4,6-Trichlorophenol	0.400	0.355	11.3	60	0.00
44	2,4,5-Trichlorophenol	0.400	0.381	4.8	61	0.00
45 S	2-Fluorobiphenyl	1.462	1.329	9.1	63	0.00
46	1,1'-Biphenyl	1.560	1.419	9.0	62	0.00
47	2-Chloronaphthalene	1.155	1.047	9.4	62	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	0.362	0.352	2.8	61	0.00
49	Acenaphthylene	1.935	1.761	9.0	61	0.00
50	Dimethylphthalate	1.304	1.196	8.3	61	0.00
51	2,6-Dinitrotoluene	0.265	0.261	1.5	61	0.00
52 C	Acenaphthene	1.144	1.058	7.5	63	0.00
53	3-Nitroaniline	0.310	0.293	5.5	60	0.00
54 P	2,4-Dinitrophenol	0.098	0.115	-17.3	71	0.00
55	Dibenzofuran	1.698	1.533	9.7	61	0.00
56 P	4-Nitrophenol	0.232	0.197	15.1	52	0.01
57	2,4-Dinitrotoluene	0.333	0.339	-1.8	62	0.00
58	Fluorene	1.274	1.171	8.1	63	0.00
59	2,3,4,6-Tetrachlorophenol	0.331	0.305	7.9	59	0.00
60	Diethylphthalate	1.289	1.202	6.7	61	0.00
61	4-Chlorophenyl-phenylether	0.635	0.593	6.6	63	0.00
62	4-Nitroaniline	0.266	0.261	1.9	61	0.00
63	Azobenzene	1.343	1.186	11.7	58	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	66	0.00
65	4,6-Dinitro-2-methylphenol	0.094	0.101	-7.4	68	0.00
66 c	n-Nitrosodiphenylamine	0.704	0.615	12.6	60	0.00
67	4-Bromophenyl-phenylether	0.238	0.213	10.5	61	0.00
68	Hexachlorobenzene	0.249	0.222	10.8	61	0.00
69	Atrazine	0.194	0.185	4.6	62	0.00
70 C	Pentachlorophenol	0.147	0.193	-31.3#	86	0.00
71	Phenanthrene	1.062	0.936	11.9	60	0.00
72	Anthracene	1.083	0.967	10.7	61	0.00
73	Carbazole	0.946	0.841	11.1	59	0.00
74	Di-n-butylphthalate	1.070	1.014	5.2	62	0.00
75 C	Fluoranthene	0.975	0.909	6.8	63	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	72	0.00
77	Benzydine	0.771	0.723	6.2	55	0.00
78	Pyrene	1.707	1.487	12.9	63	0.00
79 S	Terphenyl-d14	1.344	1.192	11.3	66	0.00
80	Butylbenzylphthalate	0.523	0.578	-10.5	77	0.00
81	Benzo(a)anthracene	1.339	1.235	7.8	70	0.00
82	3,3'-Dichlorobenzidine	0.446	0.433	2.9	73	0.00
83	Chrysene	1.204	1.044	13.3	63	0.00
84	Bis(2-ethylhexyl)phthalate	0.791	0.776	1.9	71	0.00
85 c	Di-n-octyl phthalate	1.434	1.319	8.0	69	0.00
86 I	Perylene-d12	1.000	1.000	0.0	74	0.01
87	Indeno(1,2,3-cd)pyrene	1.410	1.283	9.0	68	0.02
88	Benzo(b)fluoranthene	1.222	1.066	12.8	69	0.01
89	Benzo(k)fluoranthene	1.090	0.974	10.6	64	0.01
90 C	Benzo(a)pyrene	1.126	1.015	9.9	67	0.00
91	Dibenzo(a,h)anthracene	1.148	1.036	9.8	67	0.02
92	Benzo(g,h,i)perylene	1.110	1.032	7.0	69	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143269.D
Acq On : 30 Jul 2025 15:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 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\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	66	0.00
2	1,4-Dioxane	40.000	33.062	17.3	55	-0.02
3	Pyridine	40.000	32.998	17.5	55	-0.01
4	n-Nitrosodimethylamine	40.000	34.162	14.6	56	-0.02
5 S	2-Fluorophenol	80.000	70.102	12.4	59	0.00
6	Aniline	40.000	33.936	15.2	56	0.00
7 S	Phenol-d6	80.000	69.199	13.5	59	0.00
8	2-Chlorophenol	40.000	35.956	10.1	60	0.00
9	Benzaldehyde	40.000	35.622	10.9	49	0.00
10 C	Phenol	40.000	36.343	9.1	61	0.00
11	bis(2-Chloroethyl)ether	40.000	34.277	14.3	58	0.00
12	1,3-Dichlorobenzene	40.000	35.856	10.4	61	0.00
13 C	1,4-Dichlorobenzene	40.000	35.962	10.1	61	0.00
14	1,2-Dichlorobenzene	40.000	36.359	9.1	62	0.00
15	Benzyl Alcohol	40.000	36.396	9.0	60	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	33.927	15.2	57	0.00
17	2-Methylphenol	40.000	35.504	11.2	60	0.00
18	Hexachloroethane	40.000	37.420	6.4	63	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	33.966	15.1	58	0.00
20	3+4-Methylphenols	40.000	35.323	11.7	59	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	66	0.00
22	Acetophenone	40.000	34.679	13.3	60	0.00
23 S	Nitrobenzene-d5	80.000	73.793	7.8	62	0.00
24	Nitrobenzene	40.000	36.431	8.9	60	0.00
25	Isophorone	40.000	34.395	14.0	58	0.00
26 C	2-Nitrophenol	40.000	40.130	-0.3	63	0.00
27	2,4-Dimethylphenol	40.000	34.238	14.4	58	0.00
28	bis(2-Chloroethoxy)methane	40.000	34.586	13.5	59	0.00
29 C	2,4-Dichlorophenol	40.000	36.165	9.6	61	0.00
30	1,2,4-Trichlorobenzene	40.000	36.157	9.6	62	0.00
31	Naphthalene	40.000	35.688	10.8	61	0.00
32	Benzoic acid	40.000	33.450	16.4	54	0.00
33	4-Chloroaniline	40.000	35.243	11.9	60	0.00
34 C	Hexachlorobutadiene	40.000	37.132	7.2	63	0.00
35	Caprolactam	40.000	37.035	7.4	60	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.144	9.6	61	0.00
37	2-Methylnaphthalene	40.000	35.879	10.3	62	0.00
38	1-Methylnaphthalene	40.000	35.727	10.7	61	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	65	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.386	6.5	64	0.00
41 P	Hexachlorocyclopentadiene	40.000	35.093	12.3	57	0.00
42 S	2,4,6-Tribromophenol	80.000	76.070	4.9	60	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.583	11.0	60	0.00
44	2,4,5-Trichlorophenol	40.000	38.120	4.7	61	0.00
45 S	2-Fluorobiphenyl	80.000	72.716	9.1	63	0.00
46	1,1'-Biphenyl	40.000	36.364	9.1	62	0.00
47	2-Chloronaphthalene	40.000	36.290	9.3	62	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143269.D
 Acq On : 30 Jul 2025 15:22
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 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	38.901	2.7	61	0.00
49	Acenaphthylene	40.000	36.403	9.0	61	0.00
50	Dimethylphthalate	40.000	36.696	8.3	61	0.00
51	2,6-Dinitrotoluene	40.000	39.394	1.5	61	0.00
52 C	Acenaphthene	40.000	36.999	7.5	63	0.00
53	3-Nitroaniline	40.000	37.740	5.6	60	0.00
54 P	2,4-Dinitrophenol	40.000	41.684	-4.2	71	0.00
55	Dibenzofuran	40.000	36.120	9.7	61	0.00
56 P	4-Nitrophenol	40.000	33.936	15.2	52	0.01
57	2,4-Dinitrotoluene	40.000	40.781	-2.0	62	0.00
58	Fluorene	40.000	36.760	8.1	63	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	36.792	8.0	59	0.00
60	Diethylphthalate	40.000	37.327	6.7	61	0.00
61	4-Chlorophenyl-phenylether	40.000	37.358	6.6	63	0.00
62	4-Nitroaniline	40.000	39.303	1.7	61	0.00
63	Azobenzene	40.000	35.332	11.7	58	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	66	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.655	0.9	68	0.00
66 c	n-Nitrosodiphenylamine	40.000	34.955	12.6	60	0.00
67	4-Bromophenyl-phenylether	40.000	35.730	10.7	61	0.00
68	Hexachlorobenzene	40.000	35.603	11.0	61	0.00
69	Atrazine	40.000	38.065	4.8	62	0.00
70 C	Pentachlorophenol	40.000	52.723	-31.8#	86	0.00
71	Phenanthrene	40.000	35.250	11.9	60	0.00
72	Anthracene	40.000	35.722	10.7	61	0.00
73	Carbazole	40.000	35.578	11.1	59	0.00
74	Di-n-butylphthalate	40.000	37.905	5.2	62	0.00
75 C	Fluoranthene	40.000	37.315	6.7	63	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	72	0.00
77	Benzydine	40.000	37.527	6.2	55	0.00
78	Pyrene	40.000	34.846	12.9	63	0.00
79 S	Terphenyl-d14	80.000	70.947	11.3	66	0.00
80	Butylbenzylphthalate	40.000	44.238	-10.6	77	0.00
81	Benzo(a)anthracene	40.000	36.905	7.7	70	0.00
82	3,3'-Dichlorobenzidine	40.000	38.797	3.0	73	0.00
83	Chrysene	40.000	34.700	13.2	63	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.245	1.9	71	0.00
85 c	Di-n-octyl phthalate	40.000	36.790	8.0	69	0.00
86 I	Perylene-d12	20.000	20.000	0.0	74	0.01
87	Indeno(1,2,3-cd)pyrene	40.000	36.384	9.0	68	0.02
88	Benzo(b)fluoranthene	40.000	34.911	12.7	69	0.01
89	Benzo(k)fluoranthene	40.000	35.747	10.6	64	0.01
90 C	Benzo(a)pyrene	40.000	36.060	9.8	67	0.00
91	Dibenzo(a,h)anthracene	40.000	36.092	9.8	67	0.02
92	Benzo(g,h,i)perylene	40.000	37.188	7.0	69	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143269.D
Acq On : 30 Jul 2025 15:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jul 30 15:50:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q2664</u>
Instrument ID:	<u>BNA_M</u>	Calibration Date/Time:	<u>07/23/2025 13:14</u>
Lab File ID:	<u>BM050488.D</u>	Init. Calib. Date(s):	<u>07/08/2025 07/08/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:39 17:22</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.155		-0.6	
Benzaldehyde	0.871	0.970		11.4	
Phenol-d6	1.465	1.500		2.3	
bis(2-Chloroethyl)ether	1.223	1.205		-1.5	
2,2-oxybis(1-Chloropropane)	1.802	1.689		-6.3	
Acetophenone	0.500	0.489		-2.2	
n-Nitroso-di-n-propylamine	0.887	0.944	0.050	6.4	
Nitrobenzene-d5	0.392	0.396		1.0	
Hexachloroethane	0.535	0.524		-2.1	
Nitrobenzene	0.350	0.345		-1.4	
Isophorone	0.636	0.679		6.8	
bis(2-Chloroethoxy)methane	0.422	0.421		-0.2	
Naphthalene	1.016	0.999		-1.7	
4-Chloroaniline	0.429	0.451		5.1	
Hexachlorobutadiene	0.228	0.231		1.3	20.0
Caprolactam	0.085	0.104		22.4	
2-Methylnaphthalene	0.641	0.668		4.2	
Hexachlorocyclopentadiene	0.407	0.385	0.050	-5.4	
2-Fluorobiphenyl	1.620	1.584		-2.2	
1,1-Biphenyl	1.484	1.451		-2.2	
2-Chloronaphthalene	1.183	1.151		-2.7	
2-Nitroaniline	0.264	0.289		9.5	
Dimethylphthalate	1.377	1.406		2.1	
Acenaphthylene	1.788	1.805		1.0	
2,6-Dinitrotoluene	0.264	0.298		12.9	
3-Nitroaniline	0.281	0.315		12.1	
Acenaphthene	1.137	1.141		0.4	20.0
Dibenzofuran	1.751	1.719		-1.8	
2,4-Dinitrotoluene	0.350	0.416		18.9	
Diethylphthalate	1.315	1.354		3.0	
4-Chlorophenyl-phenylether	0.754	0.756		0.3	
Fluorene	1.443	1.440		-0.2	
4-Nitroaniline	0.288	0.327		13.5	
n-Nitrosodiphenylamine	0.626	0.614		-1.9	20.0
2,4,6-Tribromophenol	0.243	0.291		19.8	
4-Bromophenyl-phenylether	0.220	0.231		5.0	
Hexachlorobenzene	0.260	0.268		3.1	
Atrazine	0.206	0.223		8.3	
Phenanthrene	1.132	1.098		-3.0	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
 Lab Code: ACE SDG No.: Q2664
 Instrument ID: BNA_M Calibration Date/Time: 07/23/2025 13:14
 Lab File ID: BM050488.D Init. Calib. Date(s): 07/08/2025 07/08/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.127	1.132		0.4	
Carbazole	1.019	1.029		1.0	
Di-n-butylphthalate	1.116	1.196		7.2	
Fluoranthene	1.230	1.298		5.5	20.0
Pyrene	1.281	1.274		-0.5	
Terphenyl-d14	1.137	1.037		-8.8	
Butylbenzylphthalate	0.422	0.518		22.7	
3,3-Dichlorobenzidine	0.439	0.521		18.7	
Benzo(a)anthracene	1.303	1.319		1.2	
Chrysene	1.229	1.218		-0.9	
Bis(2-ethylhexyl)phthalate	0.670	0.773		15.4	
Di-n-octyl phthalate	1.050	1.345		28.1	20.0
Benzo(b)fluoranthene	1.230	1.205		-2.0	
Benzo(k)fluoranthene	1.276	1.174		-8.0	
Benzo(a)pyrene	1.152	1.154		0.2	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.462		2.8	
Dibenzo(a,h)anthracene	1.198	1.206		0.7	
Benzo(g,h,i)perylene	1.132	1.166		3.0	
1,2,4,5-Tetrachlorobenzene	0.636	0.641		0.8	
1,4-Dioxane	0.478	0.457		-4.4	20.0

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	538986	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2095876	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1417302	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2849654	20.000	ng	0.00
76) Chrysene-d12	21.444	240	2992562	20.000	ng	0.01
86) Perylene-d12	24.474	264	3273796	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2489356	79.501	ng	0.00
7) Phenol-d6	7.016	99	3232837	81.901	ng	0.00
23) Nitrobenzene-d5	9.004	82	3316777	80.737	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	1649457	95.785	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	8979204	78.238	ng	0.00
79) Terphenyl-d14	19.827	244	12410863	72.969	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	492545	38.254	ng	98
3) Pyridine	3.722	79	1343046	39.731	ng	98
4) n-Nitrosodimethylamine	3.628	42	566685	35.960	ng	89
6) Aniline	7.175	93	2093159	41.320	ng	99
8) 2-Chlorophenol	7.416	128	1366493	41.387	ng	97
9) Benzaldehyde	6.987	77	1046153	44.554	ng	96
10) Phenol	7.040	94	1657774	40.266	ng	99
11) bis(2-Chloroethyl)ether	7.269	93	1299397	39.410	ng	97
12) 1,3-Dichlorobenzene	7.739	146	1581255	39.386	ng	97
13) 1,4-Dichlorobenzene	7.881	146	1606217	39.181	ng	99
14) 1,2-Dichlorobenzene	8.198	146	1544871	39.362	ng	99
15) Benzyl Alcohol	8.086	79	1189108	42.755	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1820521	37.486	ng	100
17) 2-Methylphenol	8.286	107	1110980	41.606	ng	98
18) Hexachloroethane	8.934	117	564527	39.156	ng	94
19) n-Nitroso-di-n-propyla...	8.657	70	1017785	42.563	ng	94
20) 3+4-Methylphenols	8.616	107	1510236	42.131	ng	98
22) Acetophenone	8.669	105	2051210	39.144	ng	# 96
24) Nitrobenzene	9.045	77	1446057	39.446	ng	97
25) Isophorone	9.575	82	2846190	42.697	ng	100
26) 2-Nitrophenol	9.757	139	716834	47.979	ng	94
27) 2,4-Dimethylphenol	9.816	122	1313867	41.327	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	1763046	39.914	ng	98
29) 2,4-Dichlorophenol	10.292	162	1395541	42.727	ng	98
30) 1,2,4-Trichlorobenzene	10.510	180	1577367	40.370	ng	99
31) Naphthalene	10.698	128	4188454	39.345	ng	99
32) Benzoic acid	9.945	122	988996	50.347	ng	98
33) 4-Chloroaniline	10.798	127	1892384	42.048	ng	98
34) Hexachlorobutadiene	10.986	225	968266	40.602	ng	100
35) Caprolactam	11.580	113	435069	48.795	ng	# 88
36) 4-Chloro-3-methylphenol	11.927	107	1334323	43.748	ng	96
37) 2-Methylnaphthalene	12.304	142	2798868	41.640	ng	99
38) 1-Methylnaphthalene	12.522	142	2951025	41.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.674	216	1816001	40.292	ng	98
41) Hexachlorocyclopentadiene	12.657	237	1092084	37.906	ng	99
43) 2,4,6-Trichlorophenol	12.910	196	1214104	43.762	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	1337813	44.153	ng	98
46) 1,1'-Biphenyl	13.316	154	4113625	39.120	ng	99
47) 2-Chloronaphthalene	13.357	162	3262221	38.910	ng	98
48) 2-Nitroaniline	13.551	65	819783	43.806	ng	96
49) Acenaphthylene	14.204	152	5115199	40.370	ng	99
50) Dimethylphthalate	13.939	163	3984657	40.836	ng	99
51) 2,6-Dinitrotoluene	14.045	165	844904	45.097	ng	95
52) Acenaphthene	14.545	154	3234937	40.158	ng	98
53) 3-Nitroaniline	14.374	138	892959	44.817	ng	99
54) 2,4-Dinitrophenol	14.580	184	447135	46.194	ng #	83
55) Dibenzofuran	14.874	168	4873387	39.264	ng	100
56) 4-Nitrophenol	14.686	139	752320	43.907	ng	88
57) 2,4-Dinitrotoluene	14.833	165	1178835	42.370	ng	94
58) Fluorene	15.521	166	4081607	39.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1155498	45.303	ng	95
60) Diethylphthalate	15.298	149	3838064	41.177	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	2142724	40.083	ng	98
62) 4-Nitroaniline	15.533	138	926980	40.874	ng	99
63) Azobenzene	15.810	77	3365275	39.319	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	659818	43.709	ng	88
66) n-Nitrosodiphenylamine	15.727	169	3500656	39.258	ng	99
67) 4-Bromophenyl-phenylether	16.409	248	1317795	41.972	ng	98
68) Hexachlorobenzene	16.527	284	1526986	41.179	ng	96
69) Atrazine	16.680	200	1269940	43.371	ng	98
70) Pentachlorophenol	16.868	266	1015634	43.998	ng	100
71) Phenanthrene	17.256	178	6258796	38.814	ng	100
72) Anthracene	17.345	178	6451628	40.195	ng	100
73) Carbazole	17.615	167	5866160	40.392	ng	99
74) Di-n-butylphthalate	18.180	149	6814421	42.868	ng	99
75) Fluoranthene	19.268	202	7397813	42.202	ng	99
77) Benzidine	19.445	184	4455697	58.375	ng	99
78) Pyrene	19.627	202	7626459	39.792	ng	100
80) Butylbenzylphthalate	20.521	149	3102877	49.099	ng	98
81) Benzo(a)anthracene	21.427	228	7892434	40.477	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	3119311	47.438	ng	100
83) Chrysene	21.486	228	7289508	39.635	ng	100
84) Bis(2-ethylhexyl)phtha...	21.350	149	4629074	46.142	ng #	96
85) Di-n-octyl phthalate	22.497	149	8048934	51.226	ng	97
87) Indeno(1,2,3-cd)pyrene	27.909	276	9570216	41.116	ng	99
88) Benzo(b)fluoranthene	23.515	252	7891128	39.187	ng	100
89) Benzo(k)fluoranthene	23.580	252	7686989	36.789	ng	100
90) Benzo(a)pyrene	24.333	252	7558280	40.096	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	7896753	40.284	ng	99
92) Benzo(g,h,i)perylene	28.979	276	7636056	41.216	ng	99

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

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

TIC: BM050488.D\data.ms

Abundance

Time-->

1,4-Dioxane

n-Nitrosodiphenylamine,

Pyridine,

2-Fluorophenol,S

Bis(2-chloroethyl)ether

2-Chlorophenol,

1,3-Dichlorobenzene

1,4-Dichlorobenzene,C

Benzyl Alcohol

2,3-Dichlorobenzene

2,2'-oxybis(1-chloropropane)

3+4-Methylphenol, propylamine,P

Hexachloroethane

Nitrobenzene-d5,S

Nitrobenzene

Isophorone

2-Nitrophenol, 4-Dimethylphenol

Benzoic acid

Bis(2-chloroethoxy)methane

2,4-Dichlorophenol,C

1,2,4-Trichlorobenzene

Naphthalene-3,4-dithalene

4-Chloroaniline

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2-Methylnaphthalene

1-Methylnaphthalene

Hexachlorobenzene,C

2,4,6-Trichlorophenol,C

2-Chloronaphthalene

2-Nitroaniline

Dimethylphthalate

2,6-Dinitrotoluene

Acenaphthylene

3-Nitroaniline

2,4-Dinitrophenol,P

2,4-Dinitrotoluene

Dibenzofuran

2,3,4,6-Tetrachlorophenol

Diethylphthalate

4,6-Dinitro-2-methylphenol

4-Nitroaniline

Azobenzene

p-Nitrosodiphenylamine,c

2,4,6-Tribromophenol,S

4-Bromophenyl-phenylether

Hexachlorobenzene

Atrazine

Pentachlorophenol,C

Phenanthrene-d10,I

Anthracene

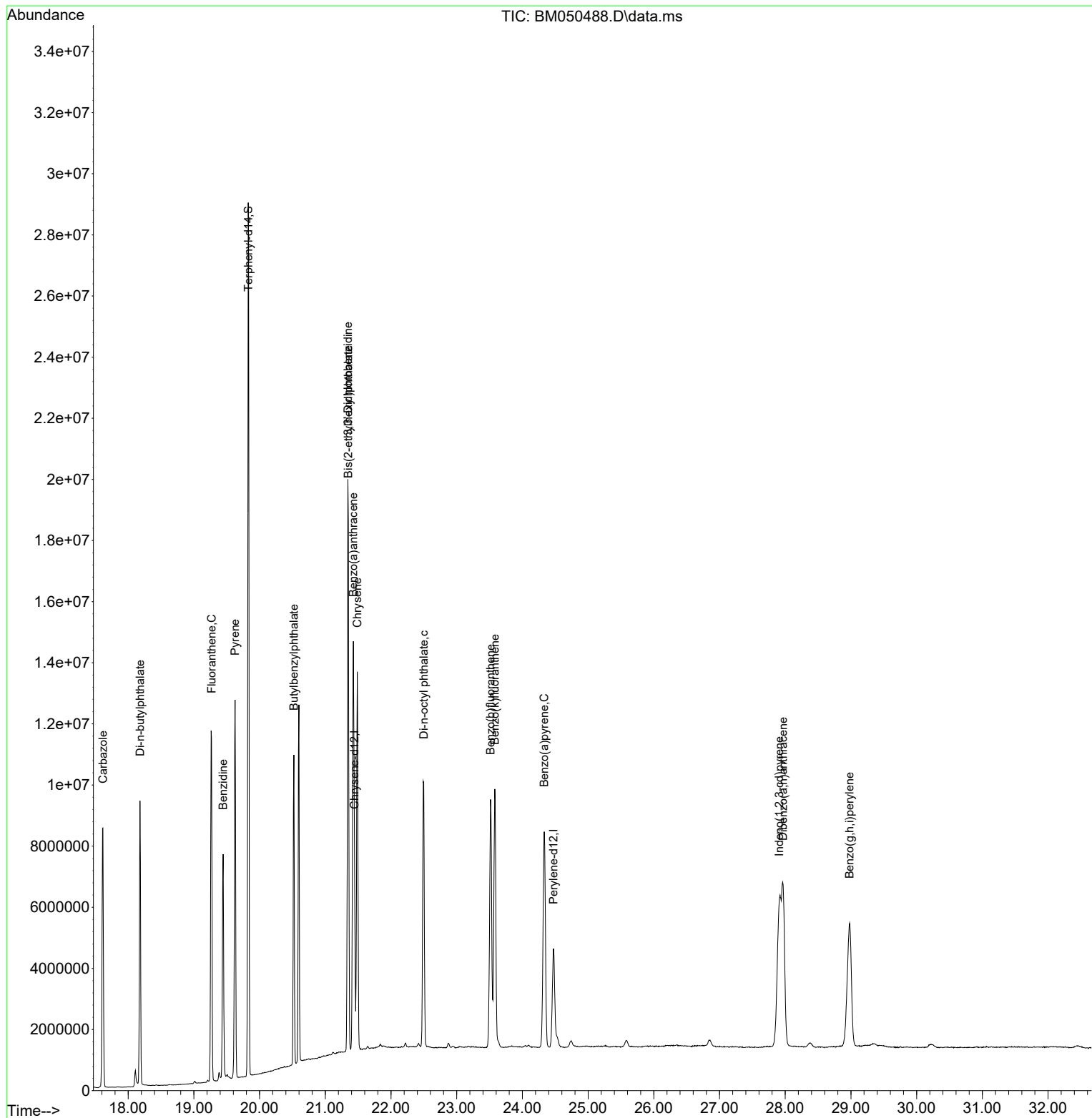
Carbazole

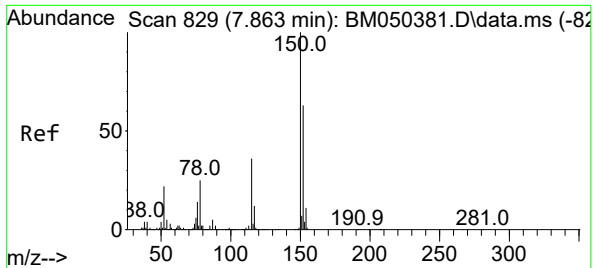
Di-n-butylphthalate

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Data File : BM050488.D
Acq On : 23 Jul 2025 13:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

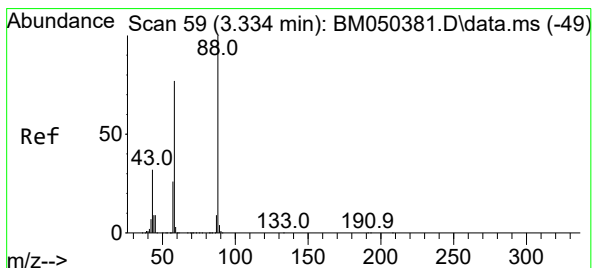
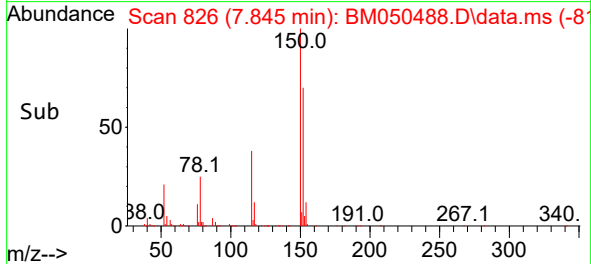
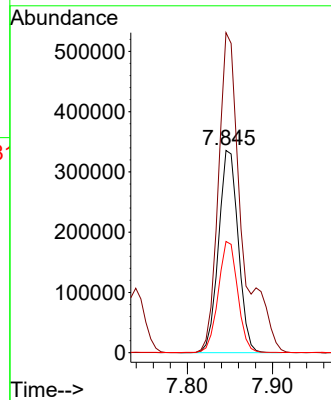
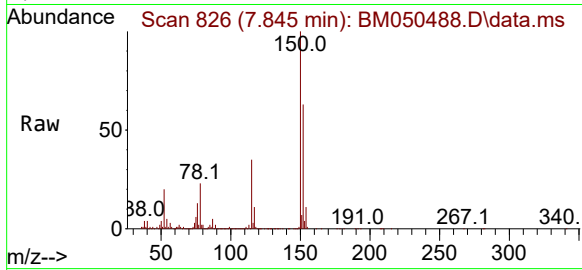




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

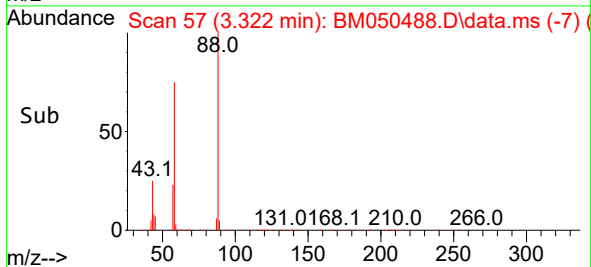
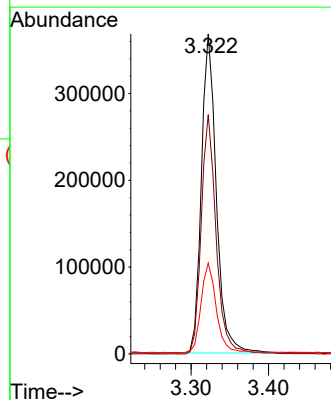
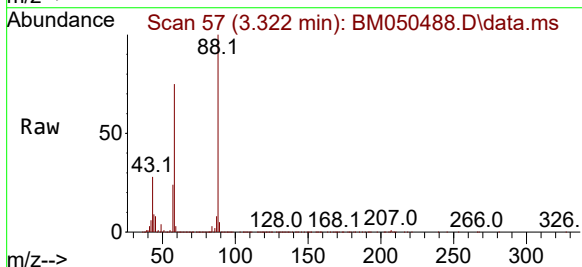
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

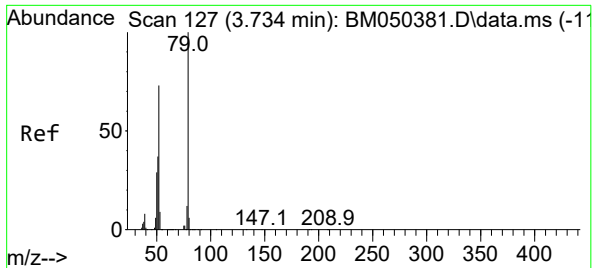
Tgt Ion:152 Resp: 538986
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.4
115 55.0 45.8 68.8



#2
1,4-Dioxane
Concen: 38.254 ng
RT: 3.322 min Scan# 57
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 88 Resp: 492545
Ion Ratio Lower Upper
88 100
58 75.0 61.0 91.6
43 28.4 24.6 37.0

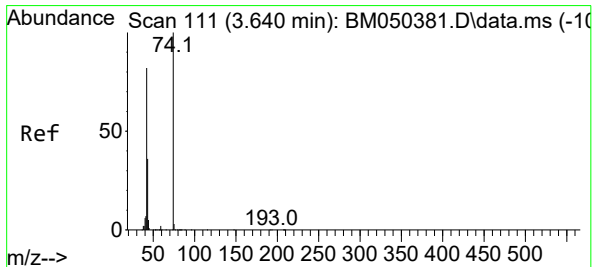
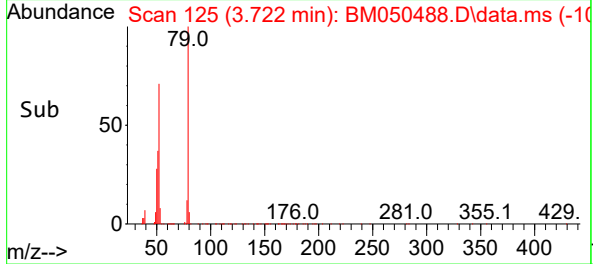
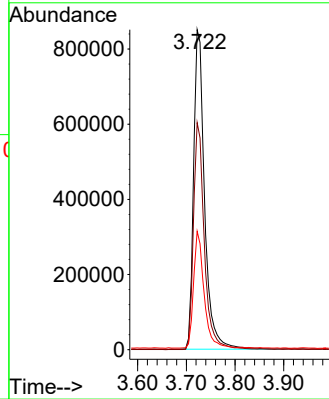
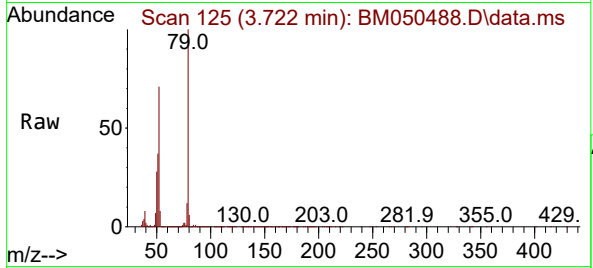




#3
Pyridine
Concen: 39.731 ng
RT: 3.722 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

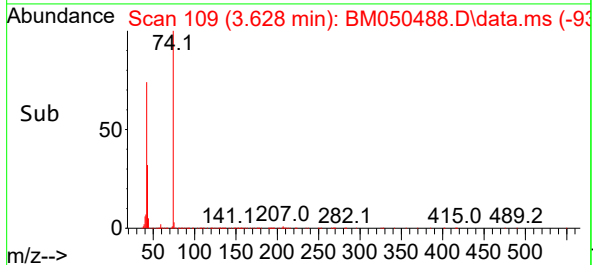
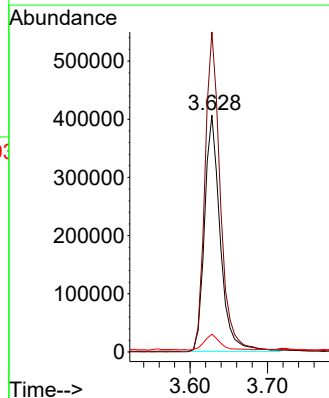
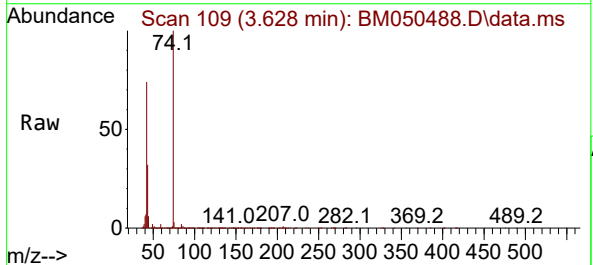
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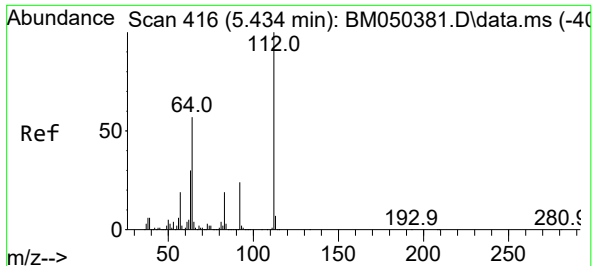
Tgt Ion: 79 Resp: 1343046
Ion Ratio Lower Upper
79 100
52 70.9 58.3 87.5
51 37.0 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 35.960 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

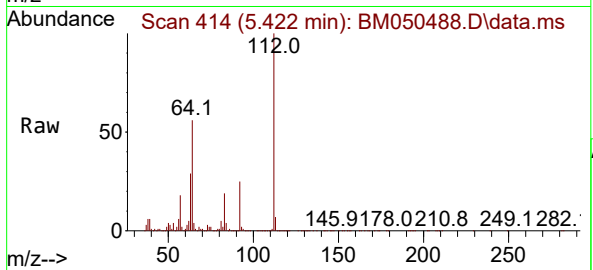
Tgt Ion: 42 Resp: 566685
Ion Ratio Lower Upper
42 100
74 135.1 97.5 146.3
44 7.5 5.7 8.5



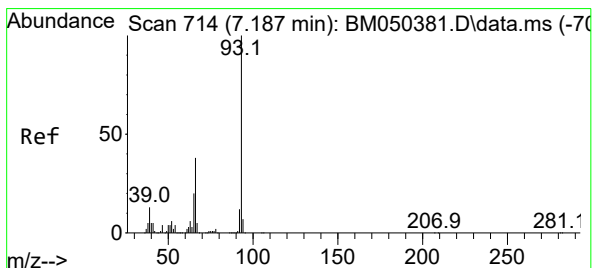
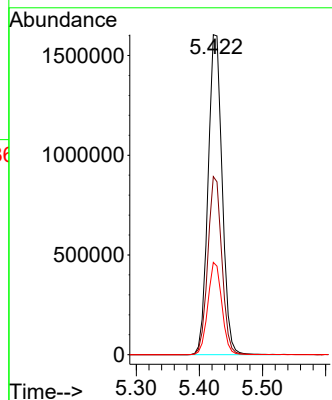
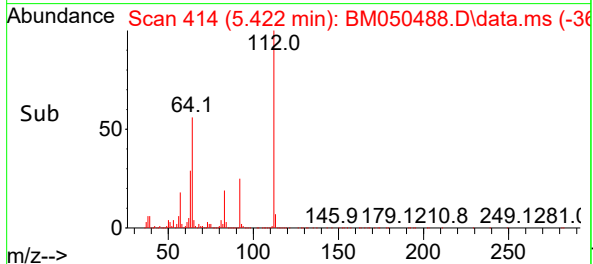


#5
2-Fluorophenol
Concen: 79.501 ng
RT: 5.422 min Scan# 416
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

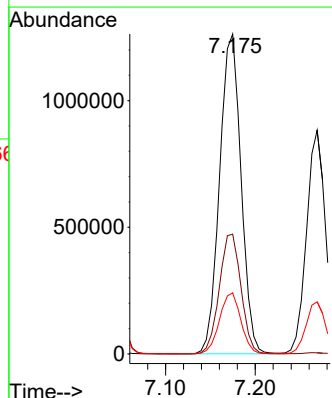
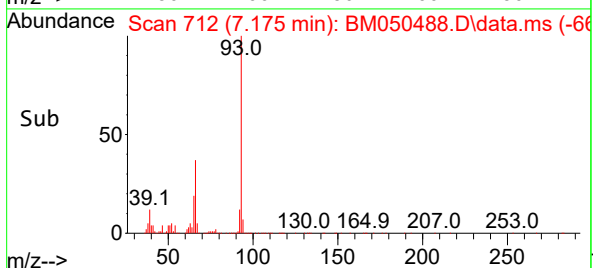
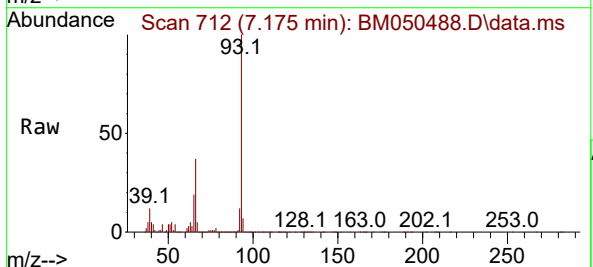


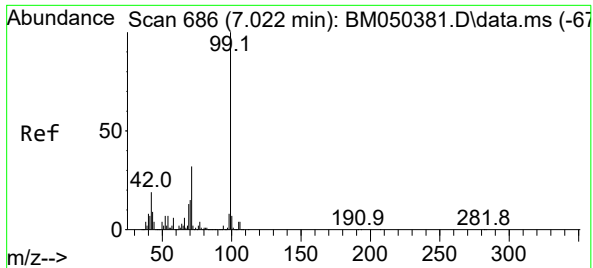
Tgt Ion:112 Resp: 2489356
Ion Ratio Lower Upper
112 100
64 55.7 45.5 68.3
63 28.9 24.2 36.4



#6
Aniline
Concen: 41.320 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 93 Resp: 2093159
Ion Ratio Lower Upper
93 100
66 37.4 30.5 45.7
65 19.1 15.9 23.9

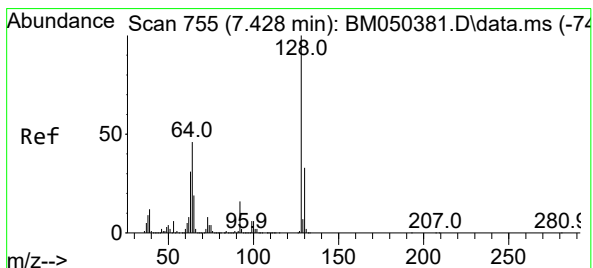
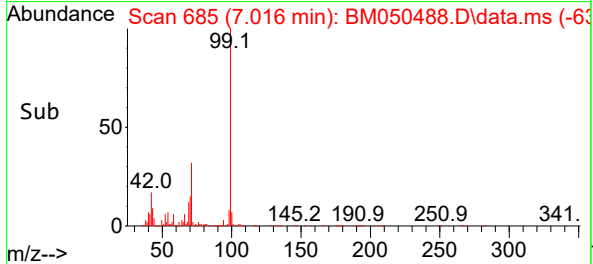
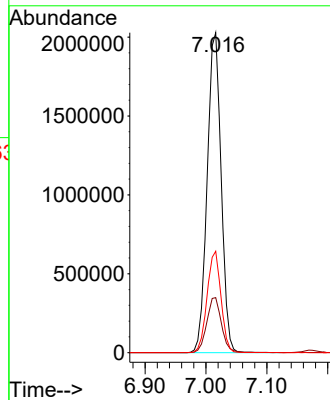
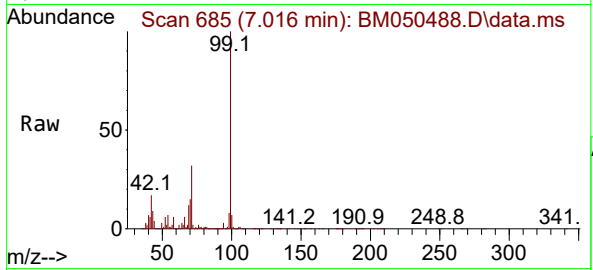




#7
Phenol-d6
Concen: 81.901 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

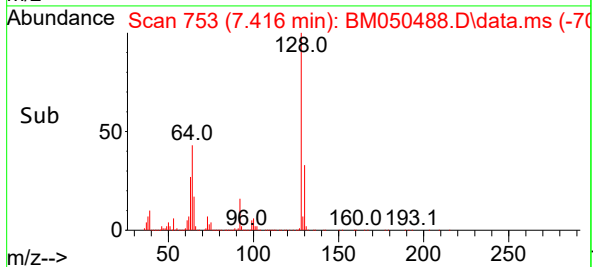
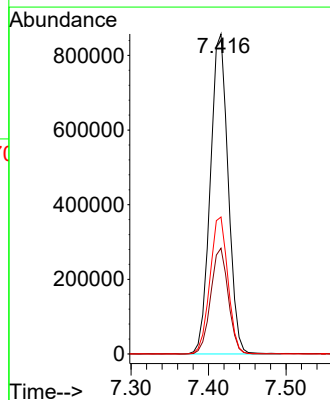
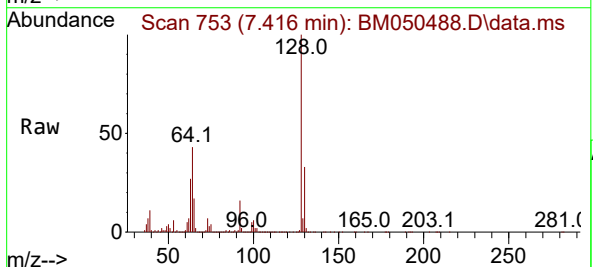
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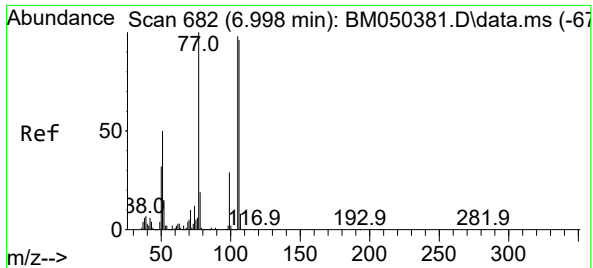
Tgt Ion: 99 Resp: 3232837
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 31.7 25.9 38.9



#8
2-Chlorophenol
Concen: 41.387 ng
RT: 7.416 min Scan# 753
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:128 Resp: 1366493
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 42.8 25.6 65.6

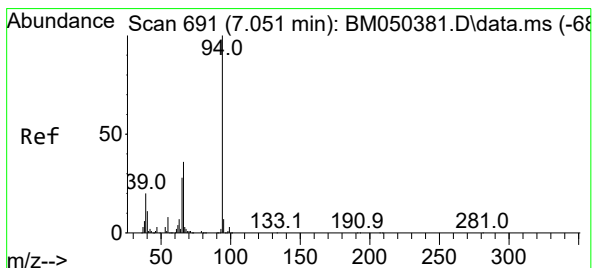
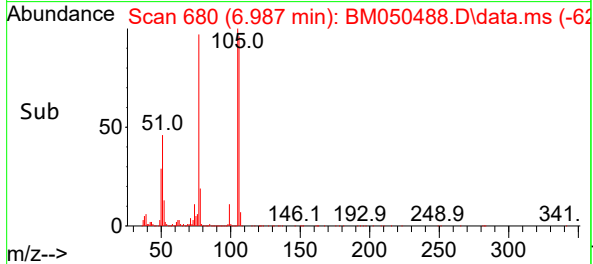
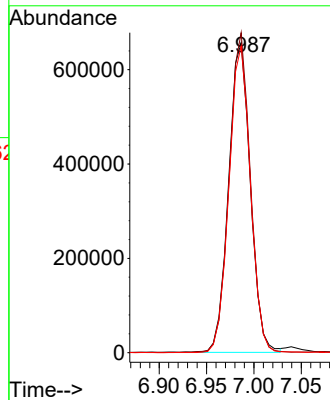
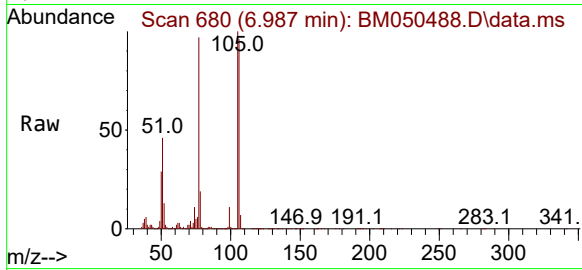




#9
Benzaldehyde
Concen: 44.554 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

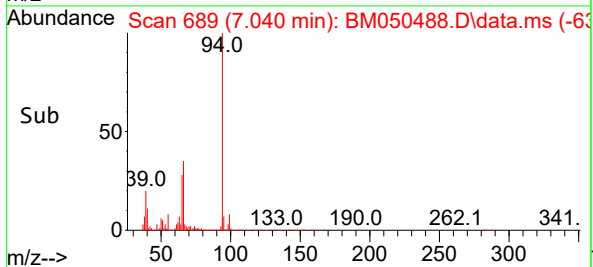
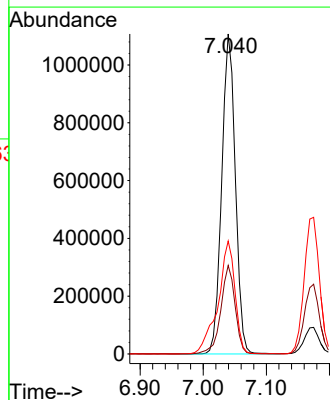
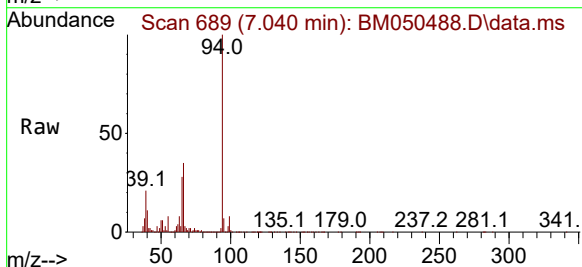
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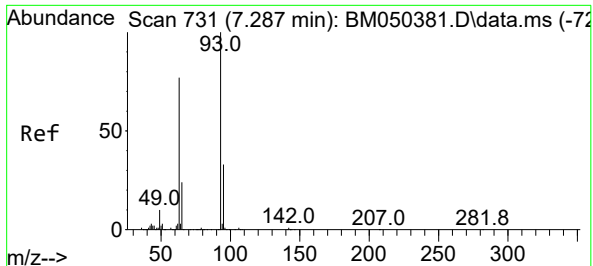
Tgt Ion: 77 Resp: 1046153
Ion Ratio Lower Upper
77 100
105 103.2 78.4 118.4
106 98.9 76.3 116.3



#10
Phenol
Concen: 40.266 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 94 Resp: 1657774
Ion Ratio Lower Upper
94 100
65 27.6 8.1 48.1
66 35.3 15.8 55.8

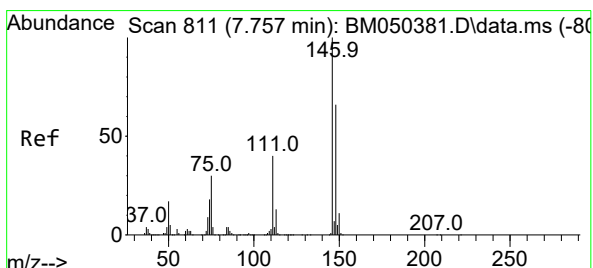
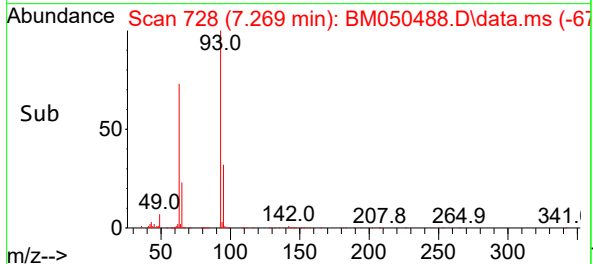
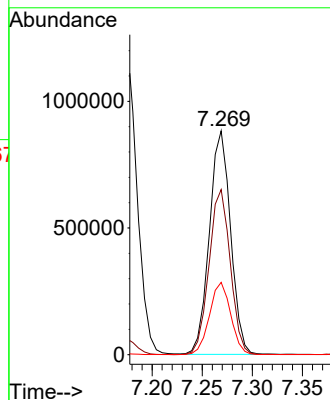
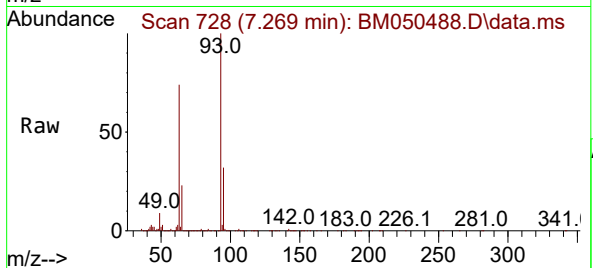




#11
bis(2-Chloroethyl)ether
Concen: 39.410 ng
RT: 7.269 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

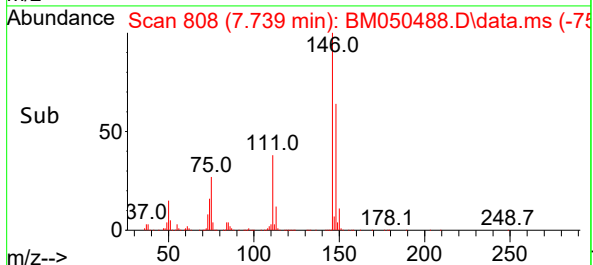
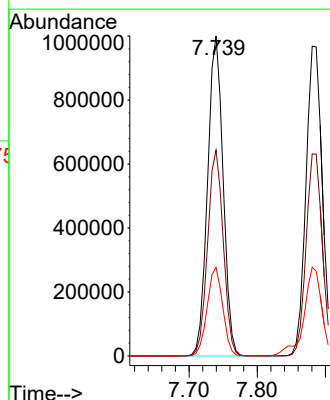
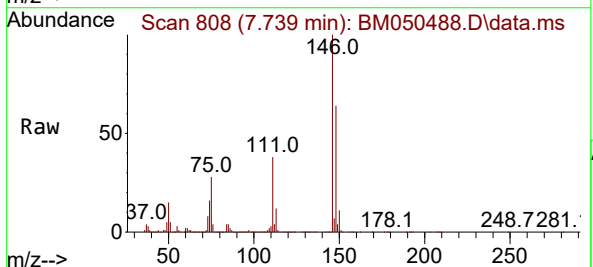
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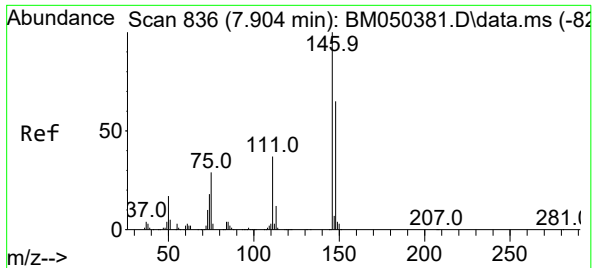
Tgt Ion: 93 Resp: 1299397
Ion Ratio Lower Upper
93 100
63 73.8 56.9 96.9
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.386 ng
RT: 7.739 min Scan# 808
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:146 Resp: 1581255
Ion Ratio Lower Upper
146 100
148 64.3 53.2 79.8
75 27.7 23.9 35.9

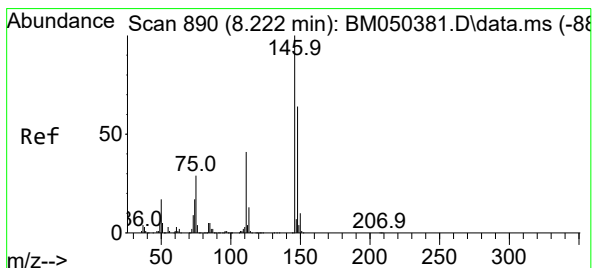
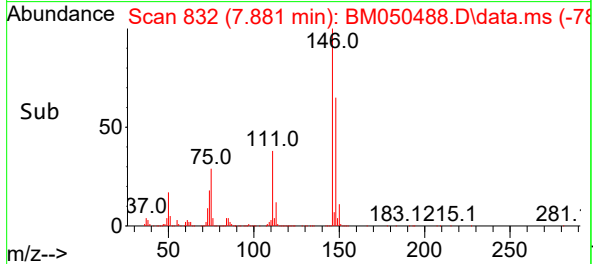
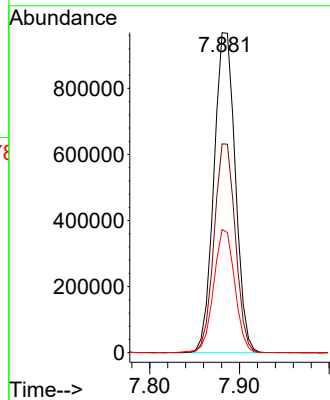
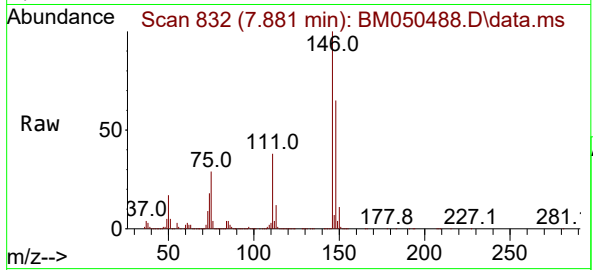




#13
1,4-Dichlorobenzene
Concen: 39.181 ng
RT: 7.881 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

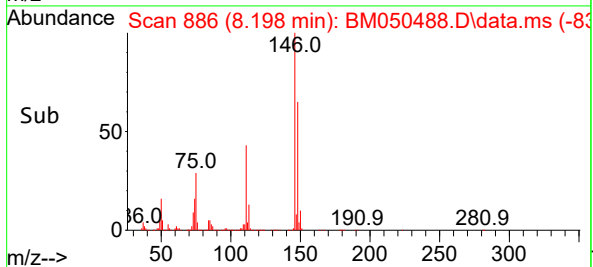
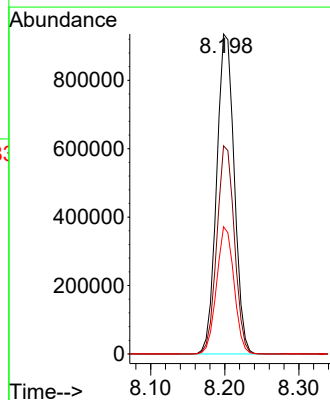
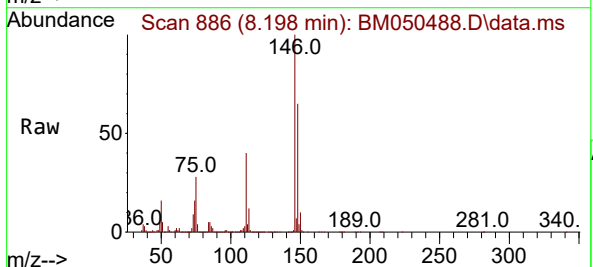
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

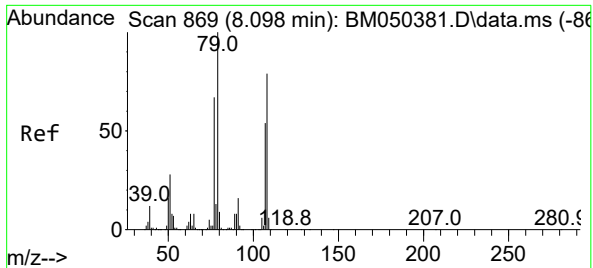
Tgt Ion:146 Resp: 1606217
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
111 38.5 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 39.362 ng
RT: 8.198 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:146 Resp: 1544871
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 39.8 32.6 49.0

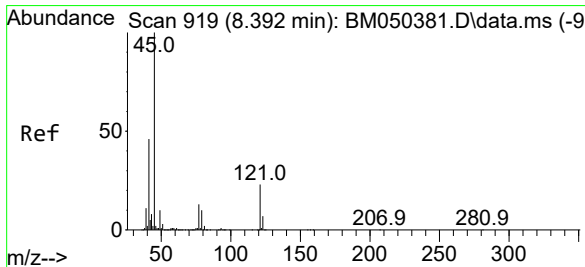
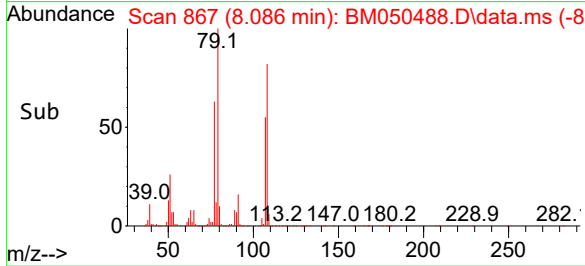
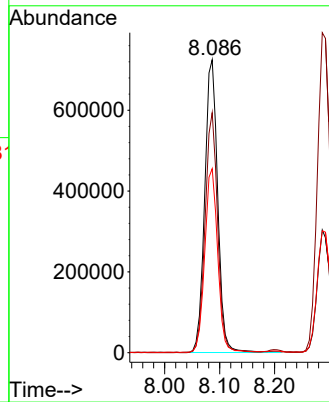
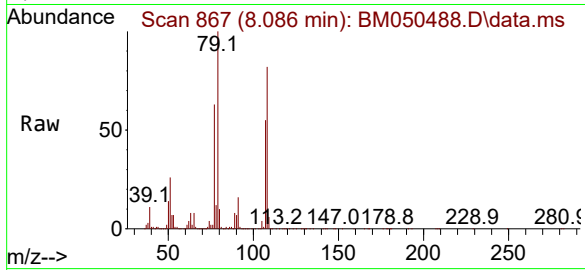




#15
Benzyl Alcohol
Concen: 42.755 ng
RT: 8.086 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

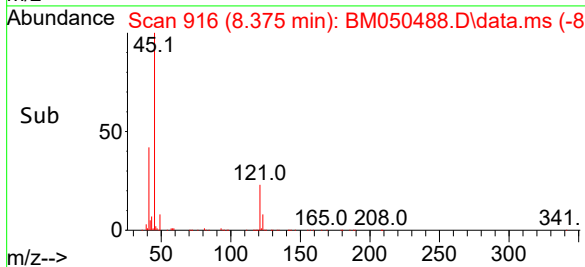
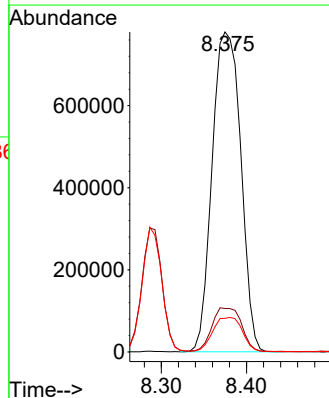
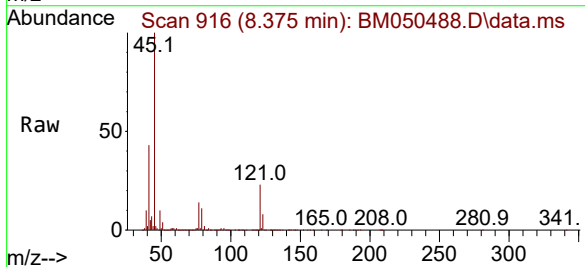
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

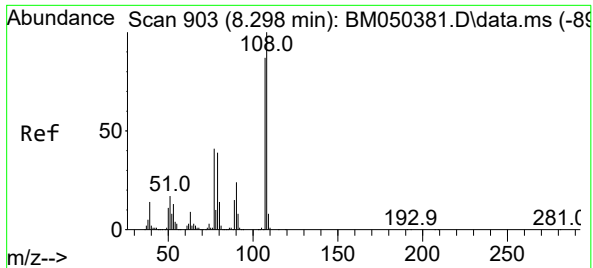
Tgt Ion: 79 Resp: 1189108
Ion Ratio Lower Upper
79 100
108 81.9 63.0 94.4
77 62.8 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.486 ng
RT: 8.375 min Scan# 916
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 45 Resp: 1820521
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.5
79 10.5 0.0 30.3





#17

2-Methylphenol

Concen: 41.606 ng

RT: 8.286 min Scan# 90

Delta R.T. 0.000 min

Lab File: BM050488.D

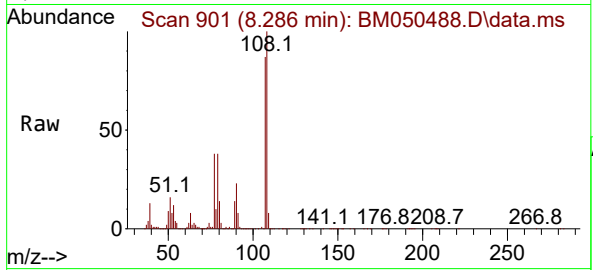
Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

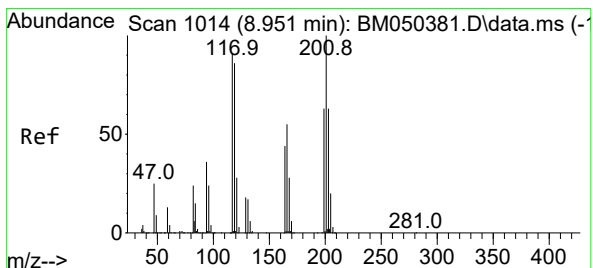
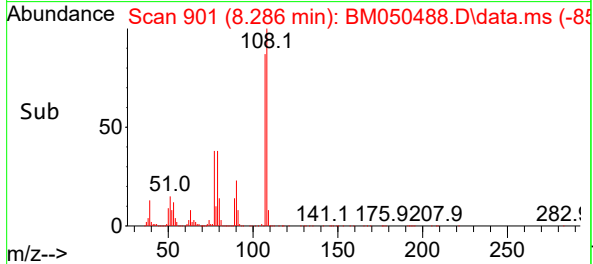
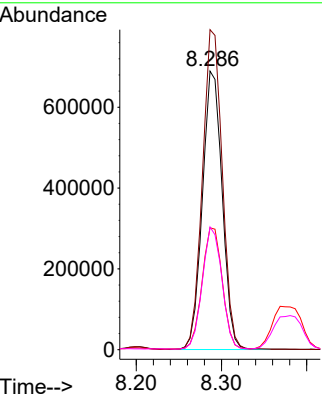
ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 1110980

Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.1	138.1
77	43.8	38.2	57.4
79	44.1	36.2	54.4



#18

Hexachloroethane

Concen: 39.156 ng

RT: 8.934 min Scan# 1011

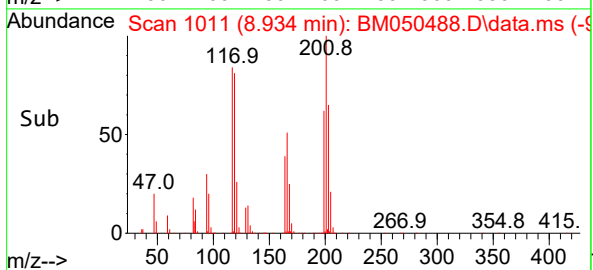
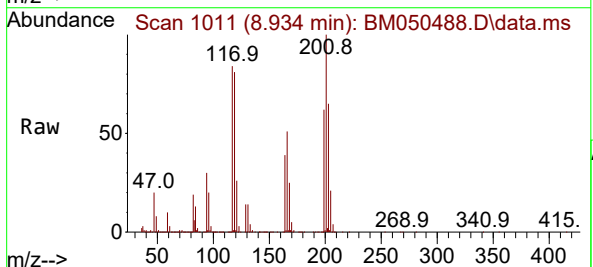
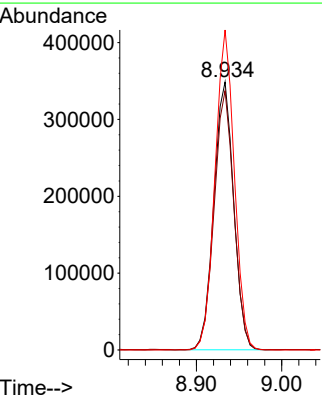
Delta R.T. 0.000 min

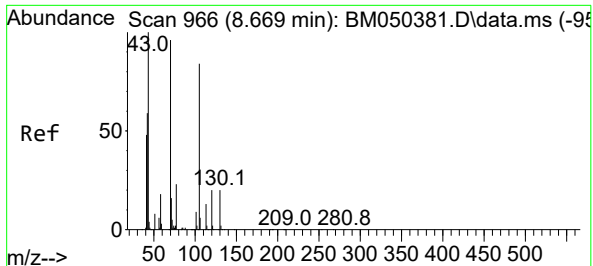
Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Tgt Ion:117 Resp: 564527

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	119.4	87.9	131.9

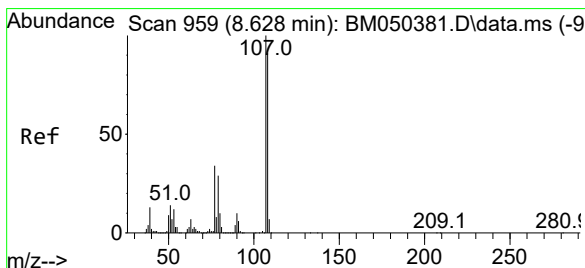
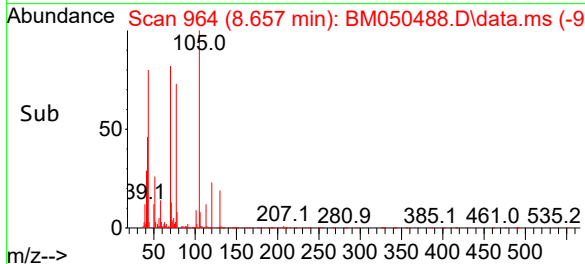
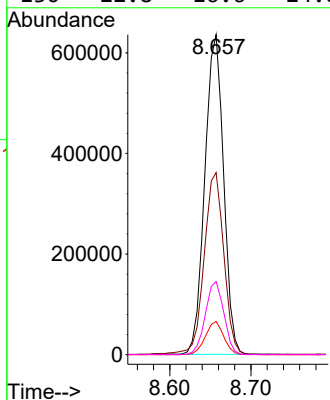
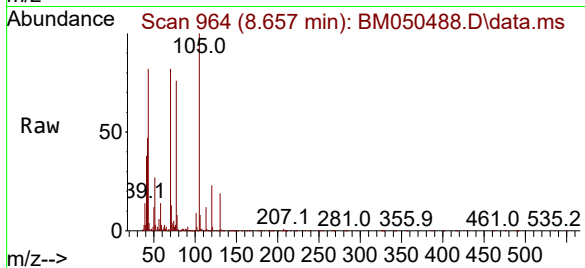




#19
n-Nitroso-di-n-propylamine
Concen: 42.563 ng
RT: 8.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

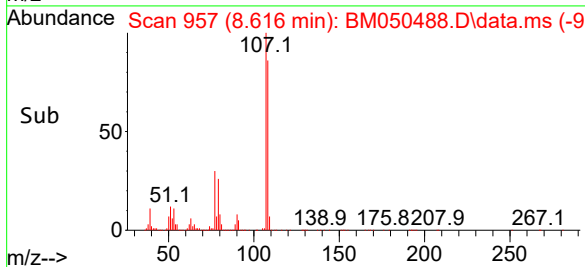
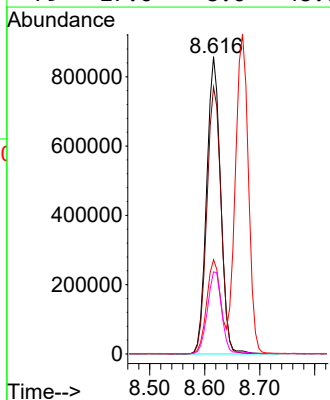
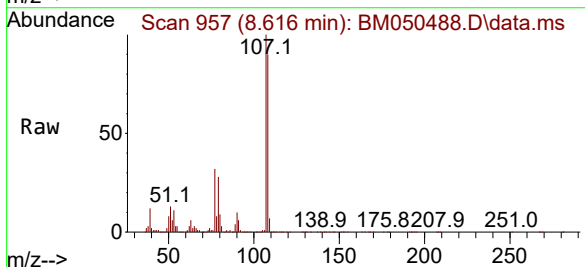
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

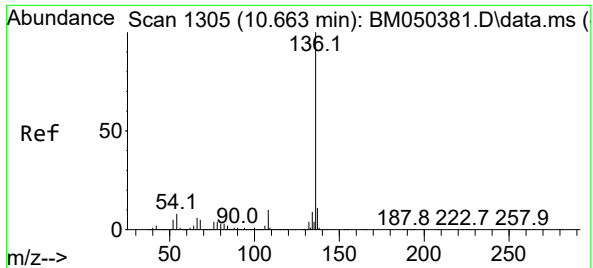
Tgt Ion: 70 Resp: 1017785
Ion Ratio Lower Upper
70 100
42 56.9 49.7 74.5
101 10.4 7.7 11.5
130 22.8 16.6 24.8



#20
3+4-Methylphenols
Concen: 42.131 ng
RT: 8.616 min Scan# 957
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:107 Resp: 1510236
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 31.7 13.7 53.7
79 27.6 8.6 48.6

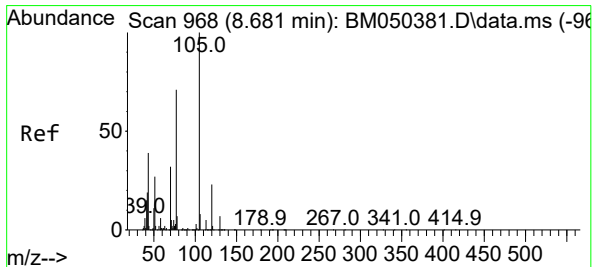
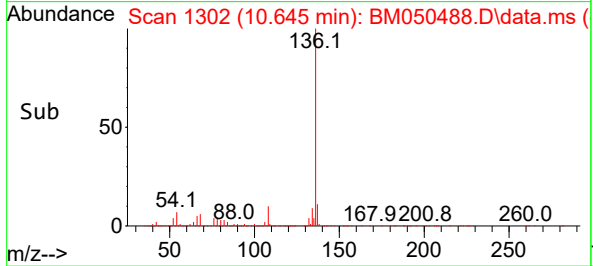
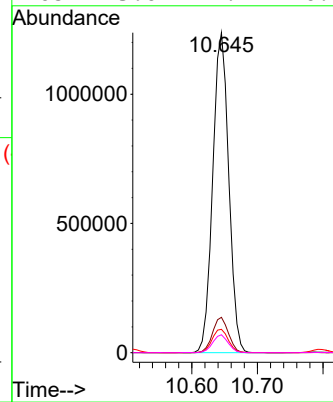
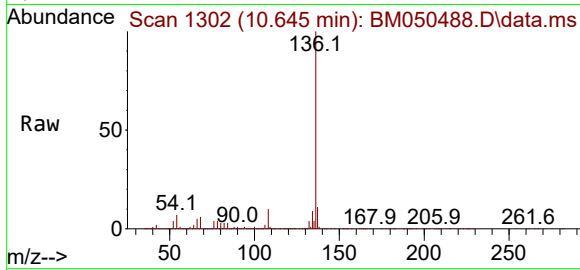




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

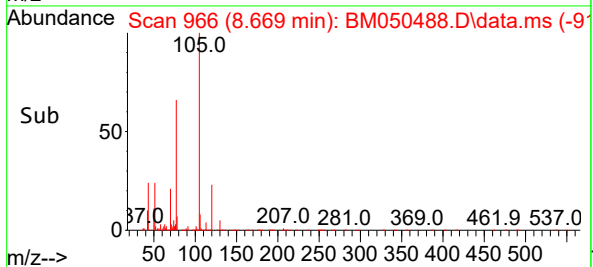
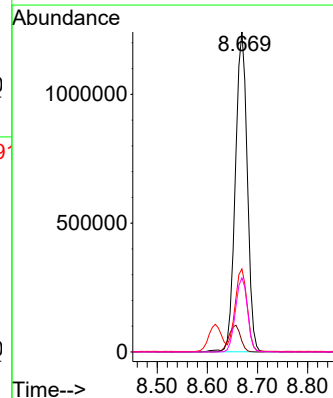
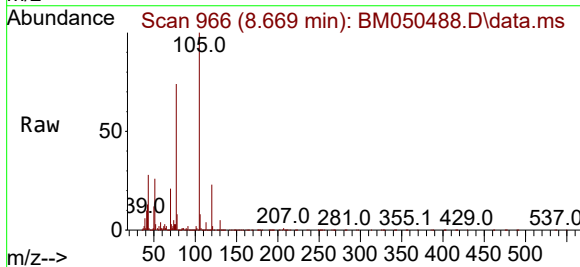
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

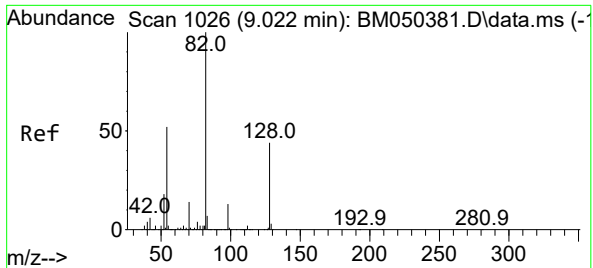
Tgt Ion:136 Resp: 2095876
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 6.3 9.5
68 5.6 4.2 6.2



#22
Acetophenone
Concen: 39.144 ng
RT: 8.669 min Scan# 966
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:105 Resp: 2051210
Ion Ratio Lower Upper
105 100
71 3.4 4.4 6.6#
51 25.9 23.0 34.6
120 23.1 18.3 27.5





#23

Nitrobenzene-d5

Concen: 80.737 ng

RT: 9.004 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

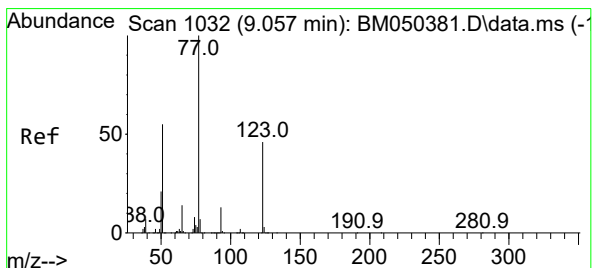
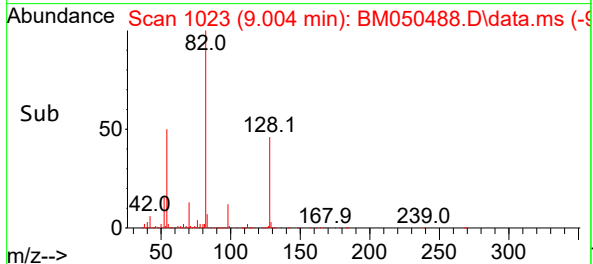
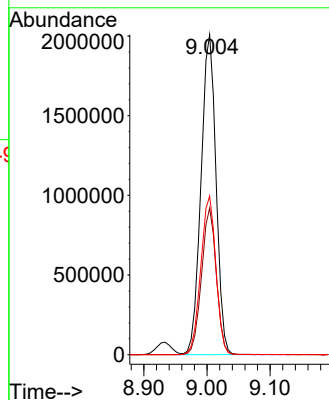
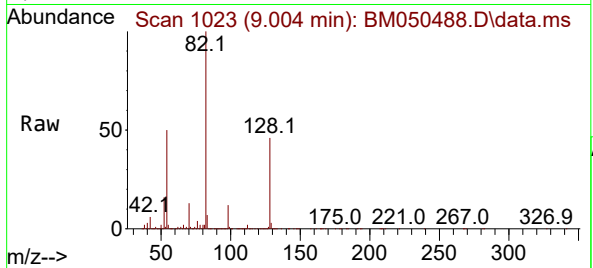
Tgt Ion: 82 Resp: 3316777

Ion Ratio Lower Upper

82 100

128 45.8 35.2 52.8

54 49.6 41.5 62.3



#24

Nitrobenzene

Concen: 39.446 ng

RT: 9.045 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

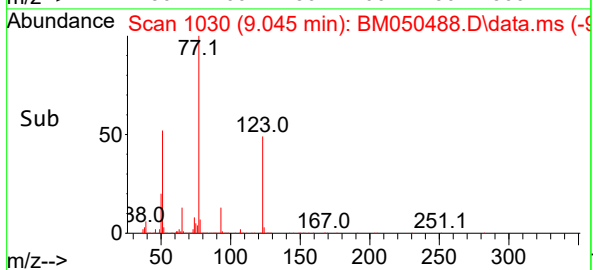
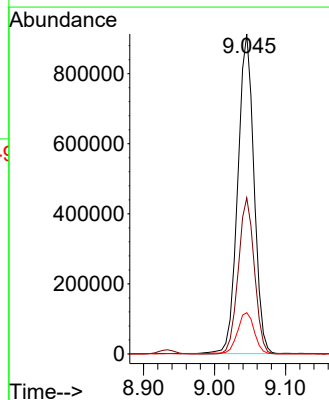
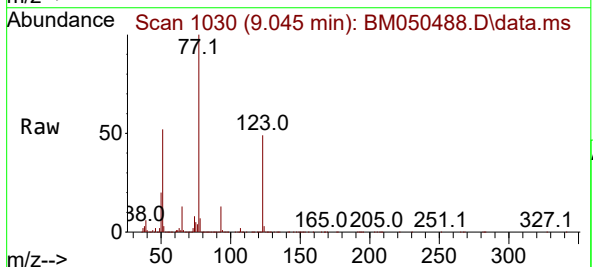
Tgt Ion: 77 Resp: 1446057

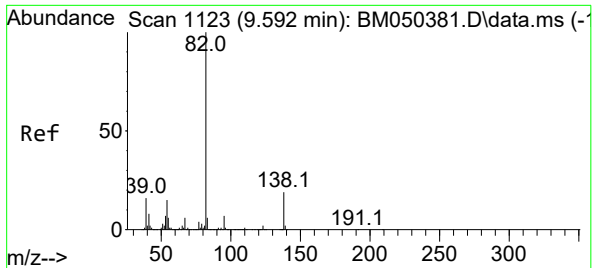
Ion Ratio Lower Upper

77 100

123 48.8 37.0 55.6

65 12.9 11.0 16.4

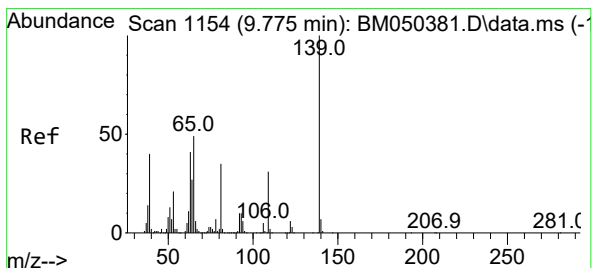
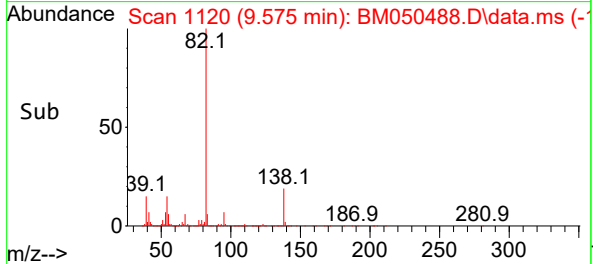
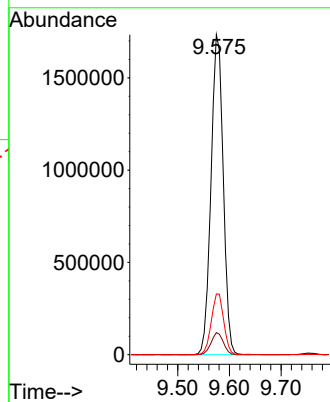
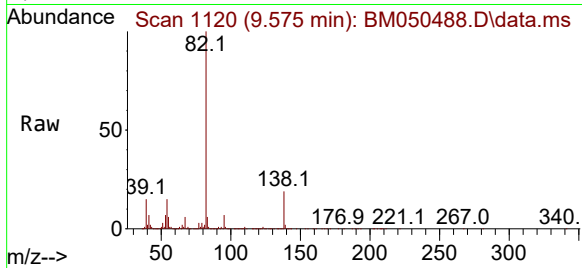




#25
Isophorone
Concen: 42.697 ng
RT: 9.575 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

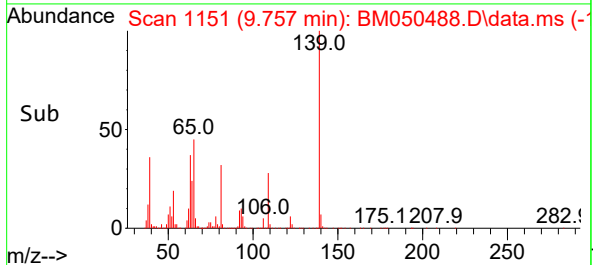
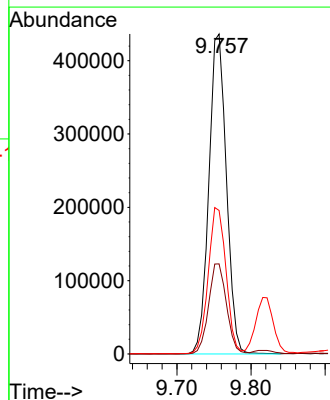
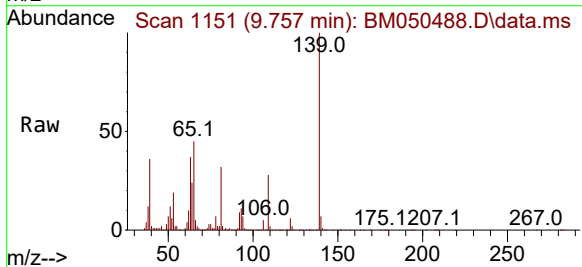
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

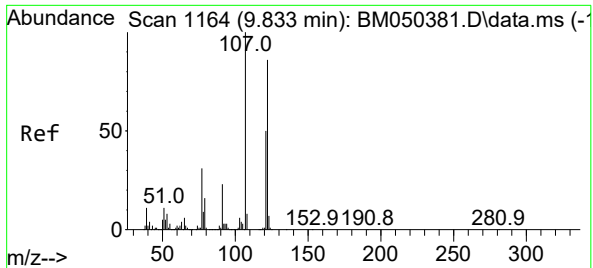
Tgt Ion: 82 Resp: 2846190
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.0 15.3 22.9



#26
2-Nitrophenol
Concen: 47.979 ng
RT: 9.757 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 139 Resp: 716834
Ion Ratio Lower Upper
139 100
109 28.2 24.6 36.8
65 44.9 39.2 58.8

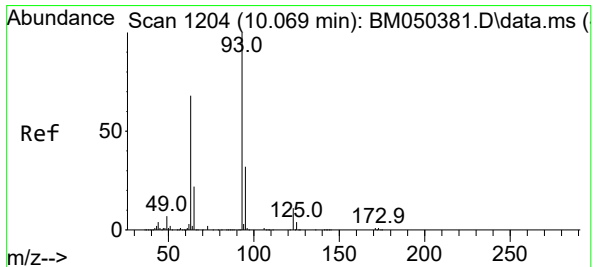
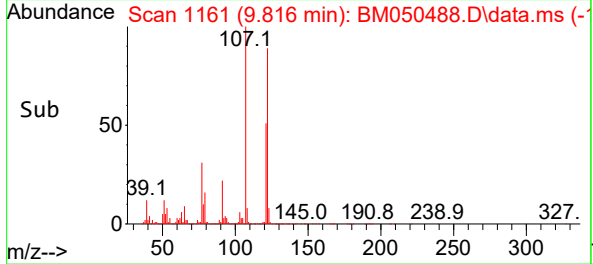
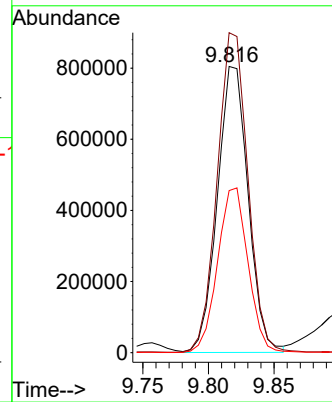
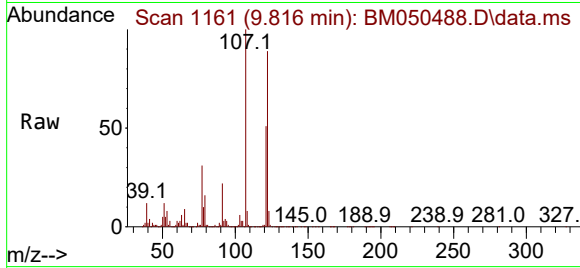




#27
2,4-Dimethylphenol
Concen: 41.327 ng
RT: 9.816 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

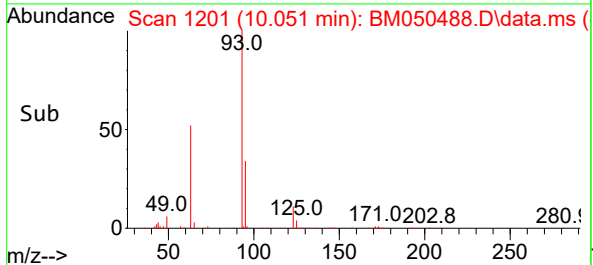
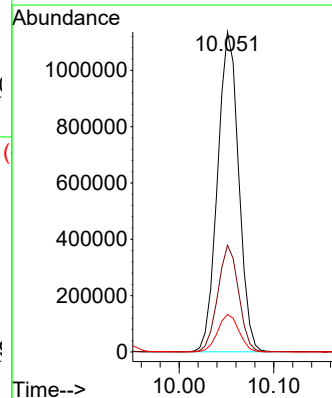
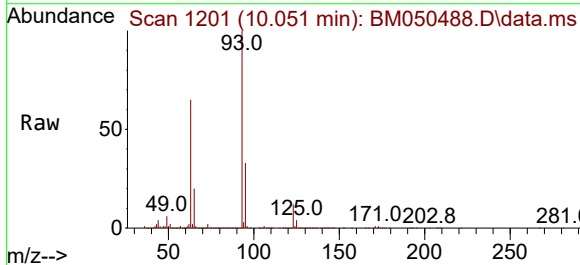
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

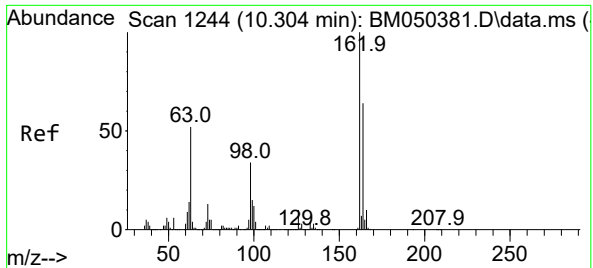
Tgt Ion:122 Resp: 1313867
Ion Ratio Lower Upper
122 100
107 111.8 93.0 139.6
121 56.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.914 ng
RT: 10.051 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 93 Resp: 1763046
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.727 ng

RT: 10.292 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

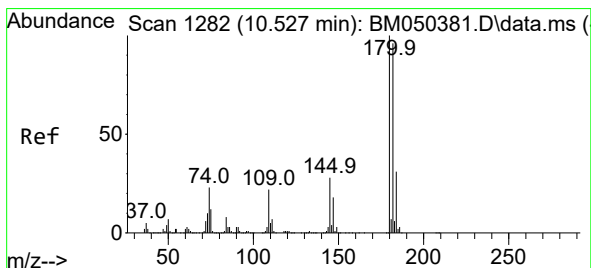
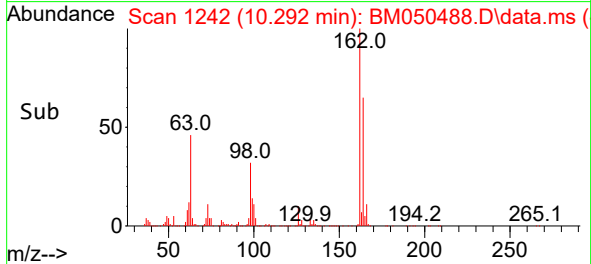
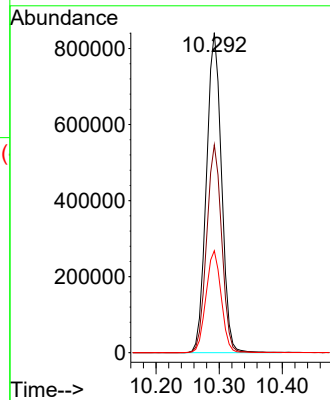
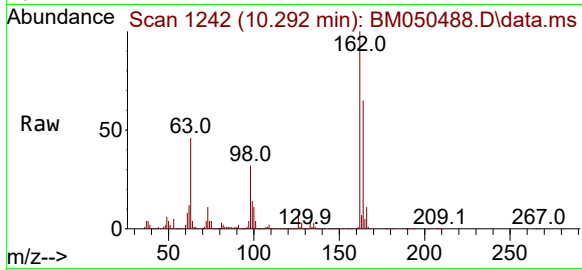
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1395541

Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.7	83.7
98	31.9	13.7	53.7



#30

1,2,4-Trichlorobenzene

Concen: 40.370 ng

RT: 10.510 min Scan# 1279

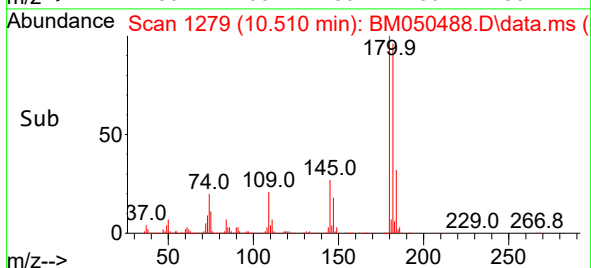
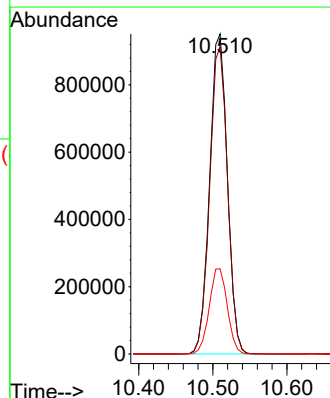
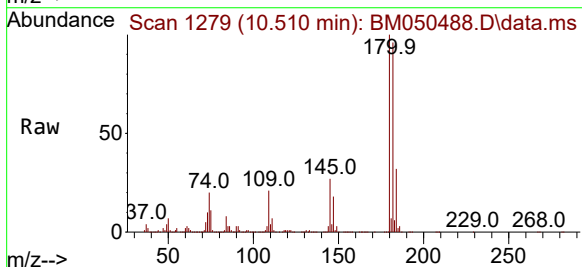
Delta R.T. 0.006 min

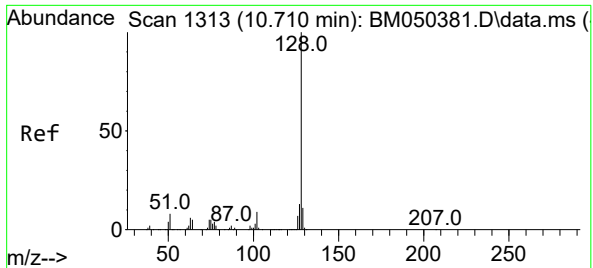
Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Tgt Ion:180 Resp: 1577367

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	26.7	22.6	33.8

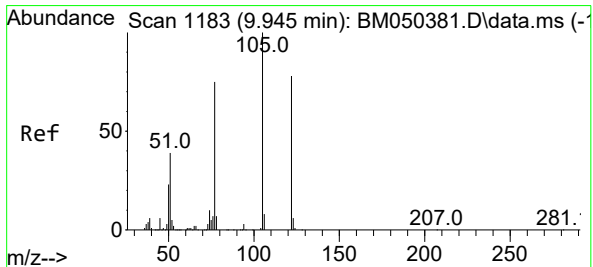
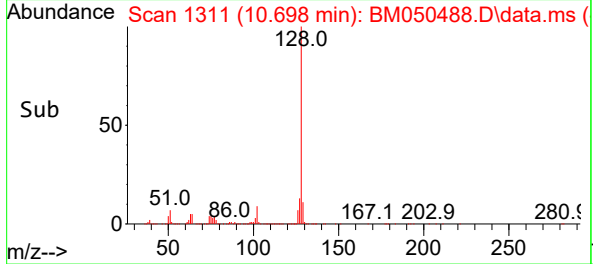
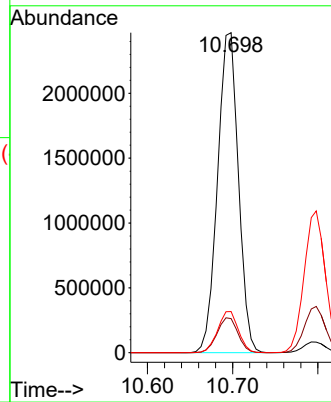
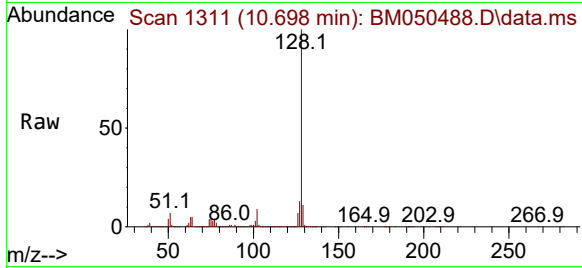




#31
Naphthalene
Concen: 39.345 ng
RT: 10.698 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

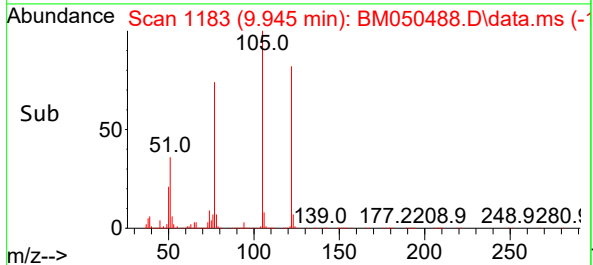
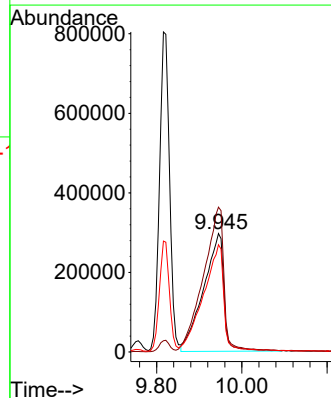
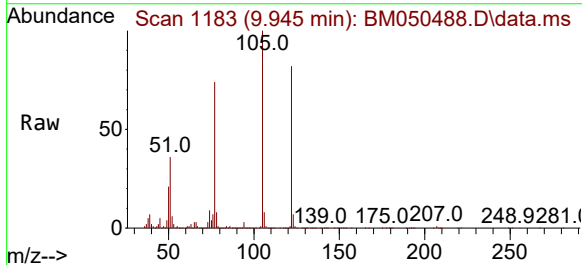
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

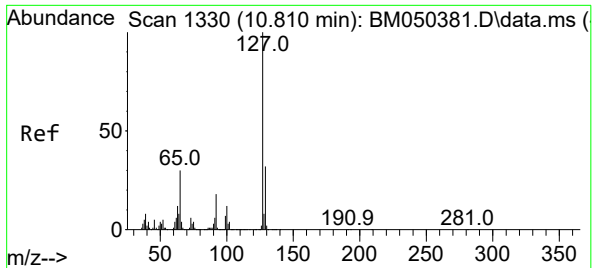
Tgt Ion:128 Resp: 4188454
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 50.347 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:122 Resp: 988996
Ion Ratio Lower Upper
122 100
105 122.4 104.0 144.0
77 90.5 73.8 113.8

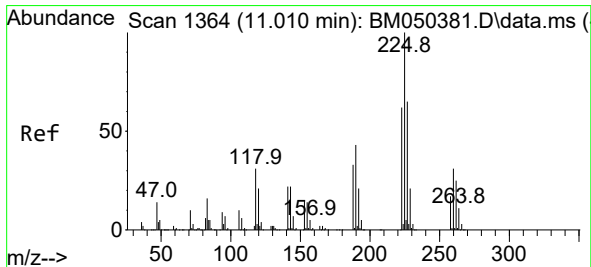
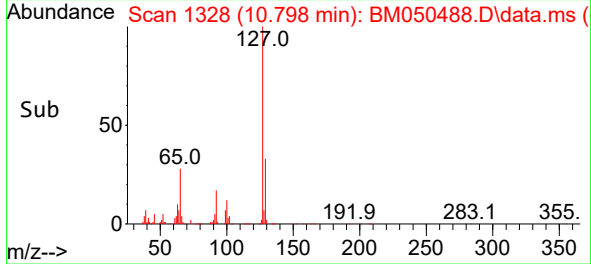
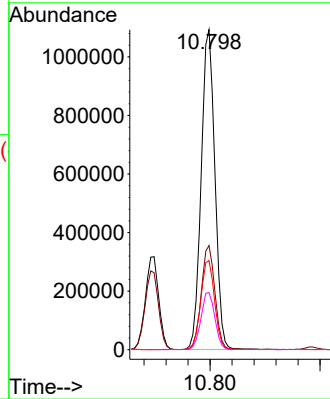
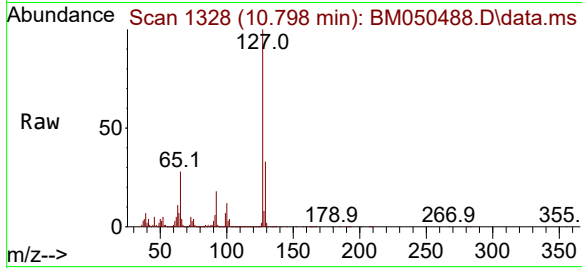




#33
4-Chloroaniline
Concen: 42.048 ng
RT: 10.798 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

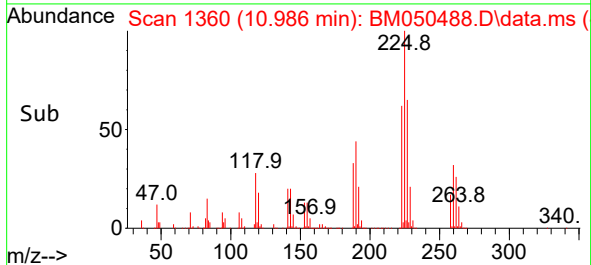
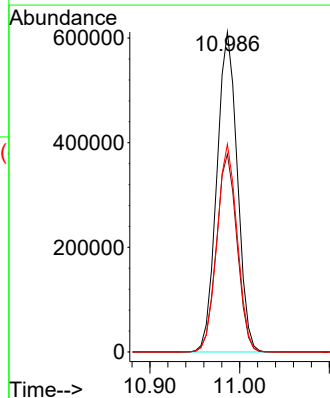
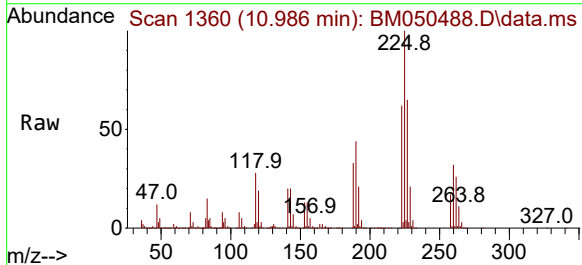
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

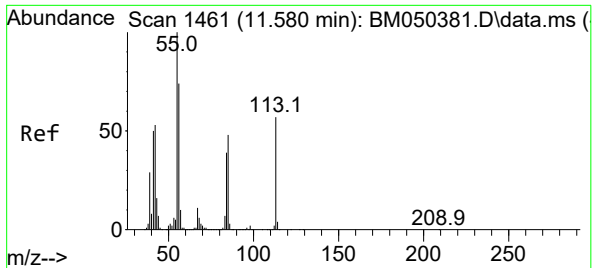
Tgt Ion:127 Resp: 1892384
Ion Ratio Lower Upper
127 100
129 32.6 25.5 38.3
65 27.9 23.9 35.9
92 17.8 14.6 21.8



#34
Hexachlorobutadiene
Concen: 40.602 ng
RT: 10.986 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:225 Resp: 968266
Ion Ratio Lower Upper
225 100
223 61.8 49.7 74.5
227 65.0 52.1 78.1

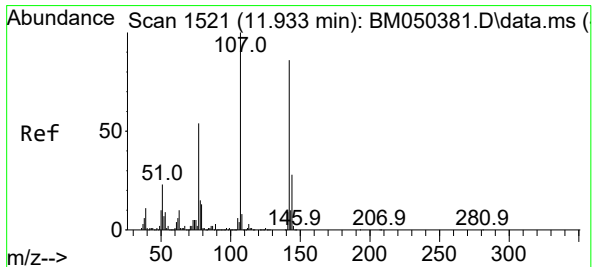
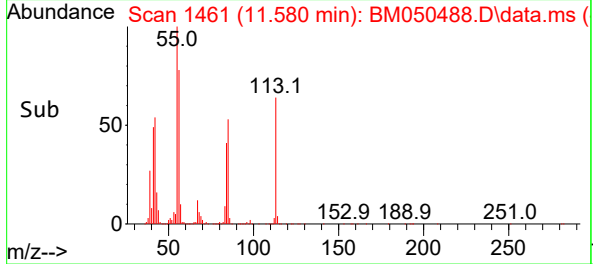
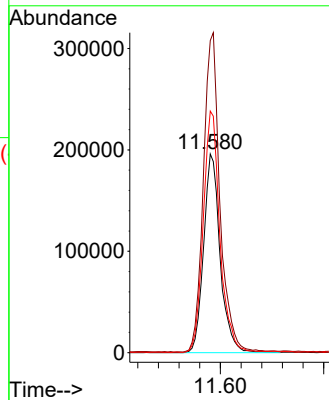
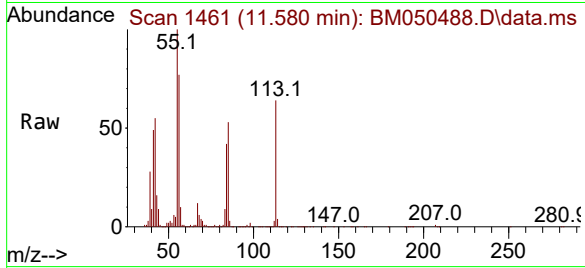




#35
Caprolactam
Concen: 48.795 ng
RT: 11.580 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

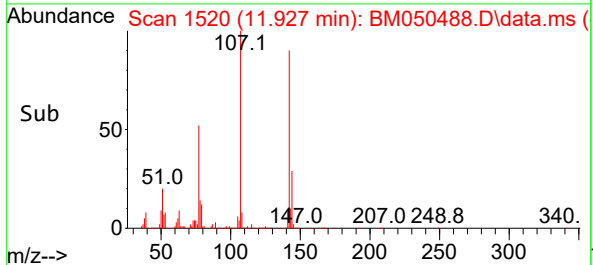
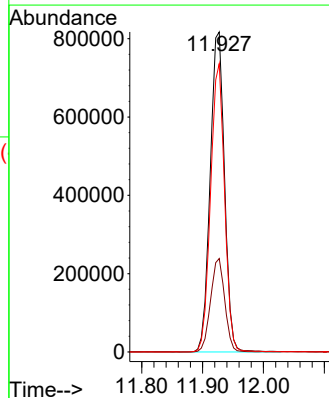
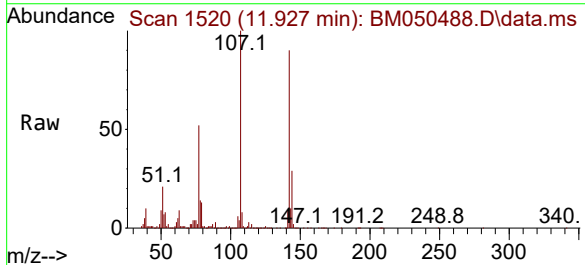
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

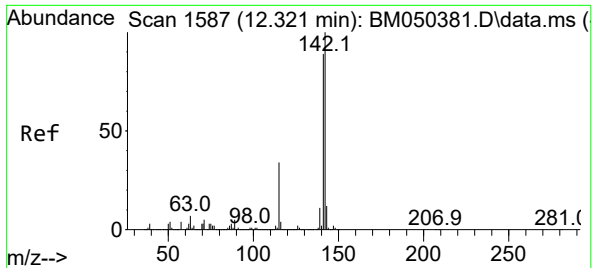
Tgt Ion:113 Resp: 435069
Ion Ratio Lower Upper
113 100
55 157.1 157.2 197.2#
56 121.6 111.7 151.7



#36
4-Chloro-3-methylphenol
Concen: 43.748 ng
RT: 11.927 min Scan# 1520
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:107 Resp: 1334323
Ion Ratio Lower Upper
107 100
144 29.2 22.2 33.4
142 90.1 68.7 103.1

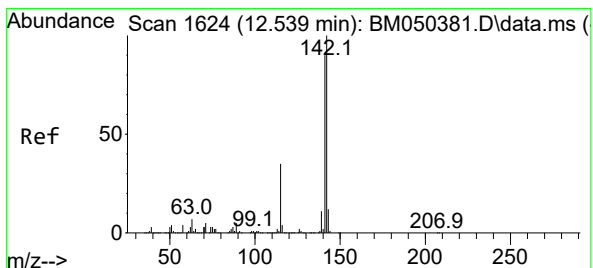
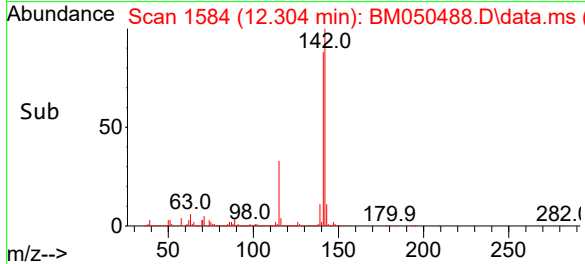
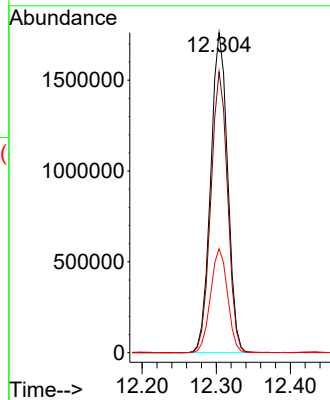
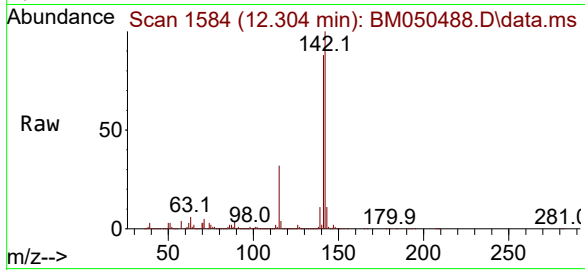




#37
2-Methylnaphthalene
Concen: 41.640 ng
RT: 12.304 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

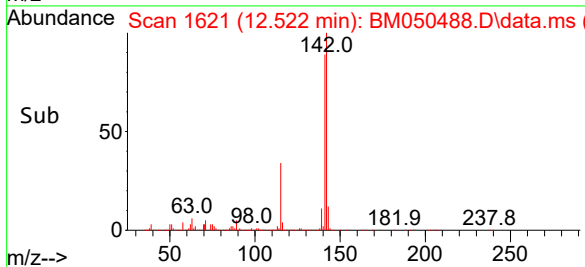
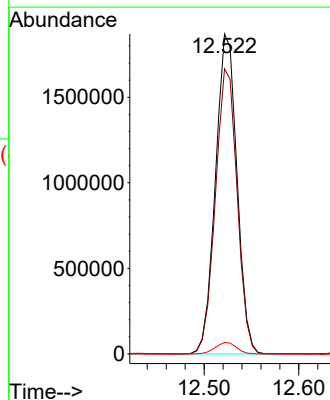
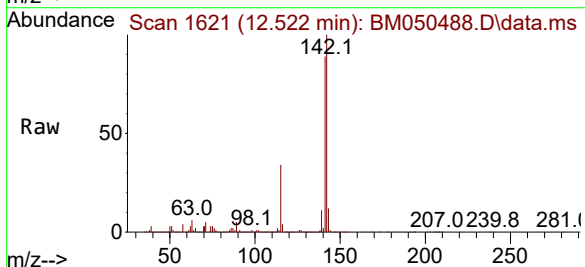
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

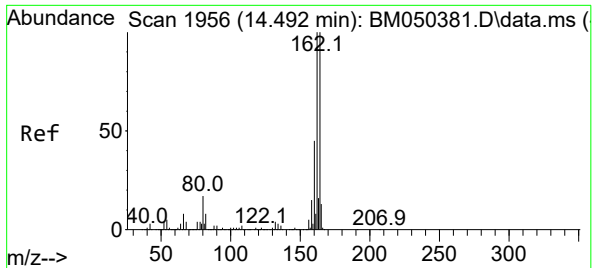
Tgt Ion:142 Resp: 2798868
Ion Ratio Lower Upper
142 100
141 87.8 70.8 106.2
115 32.5 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.485 ng
RT: 12.522 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:142 Resp: 2951025
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
116 3.6 3.0 4.6

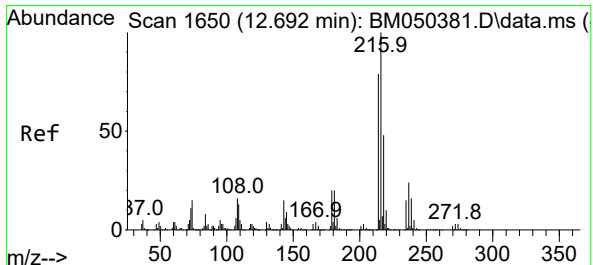
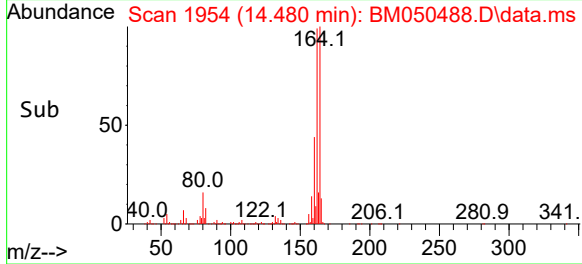
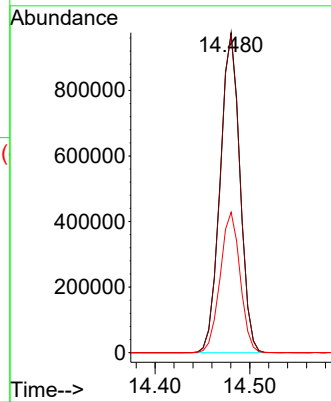
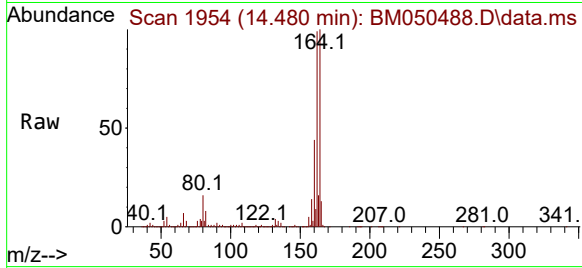




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

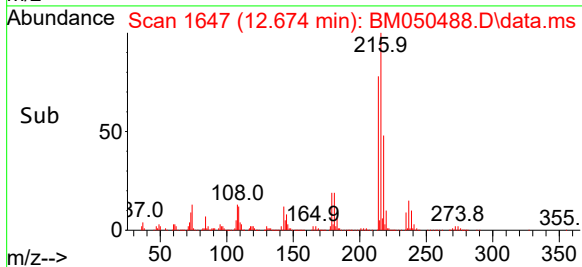
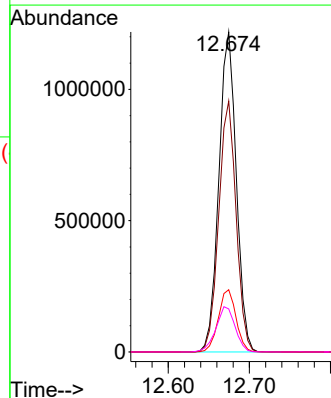
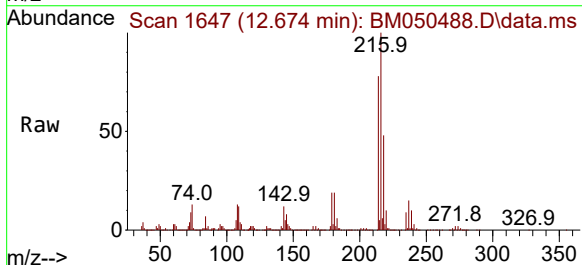
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

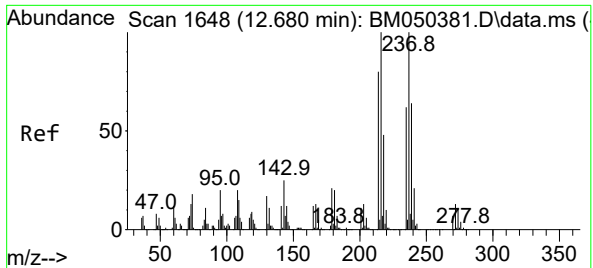
Tgt Ion:164 Resp: 1417302
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.292 ng
RT: 12.674 min Scan# 1647
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:216 Resp: 1816001
Ion Ratio Lower Upper
216 100
214 78.3 63.3 94.9
179 19.8 16.4 24.6
108 15.6 13.9 20.9

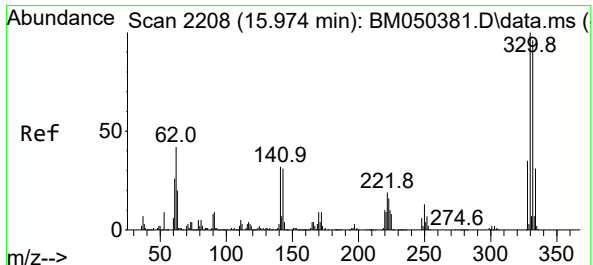
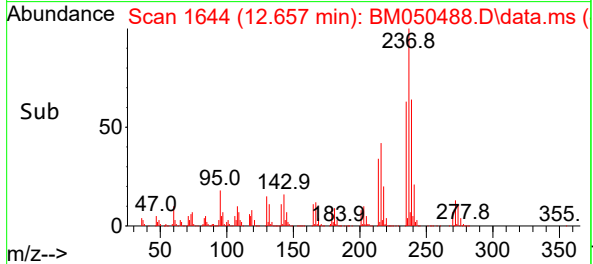
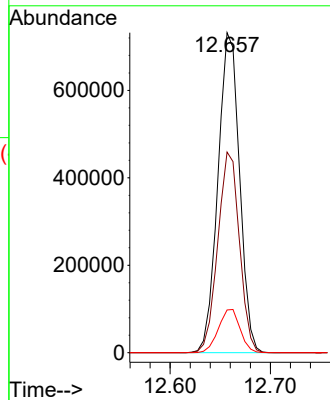
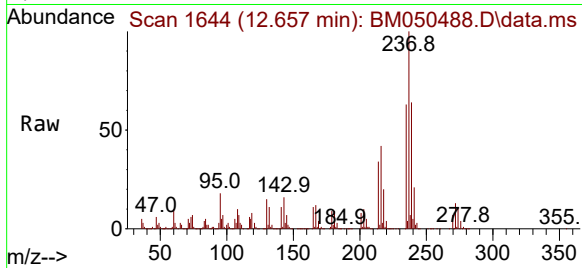




#41
Hexachlorocyclopentadiene
Concen: 37.906 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

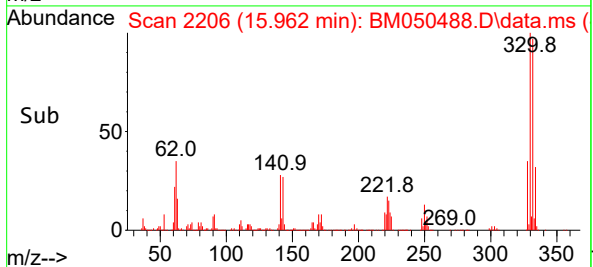
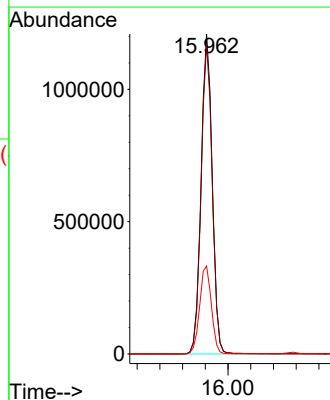
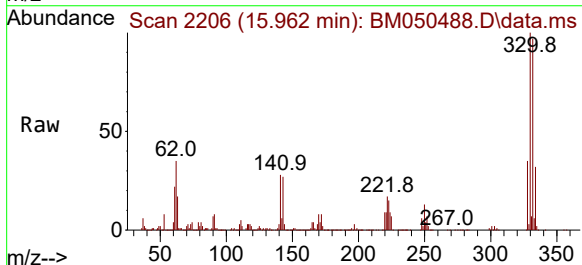
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

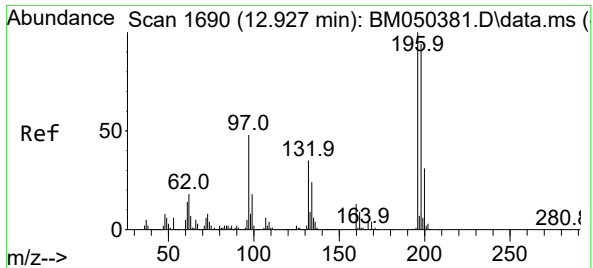
Tgt Ion:237 Resp: 1092084
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 13.4 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 95.785 ng
RT: 15.962 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:330 Resp: 1649457
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 29.0 27.4 41.0

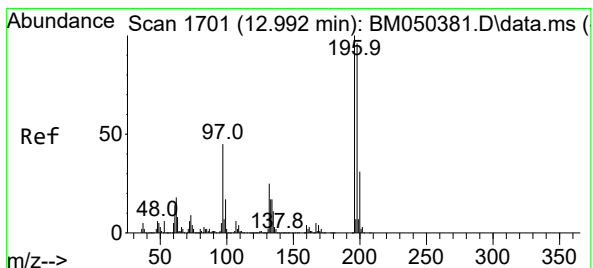
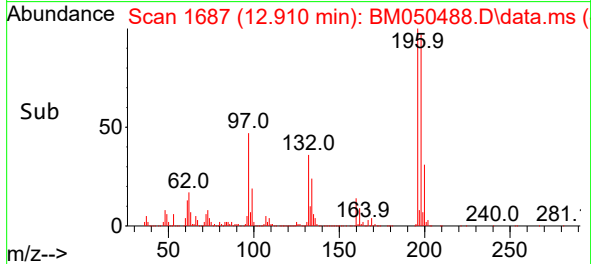
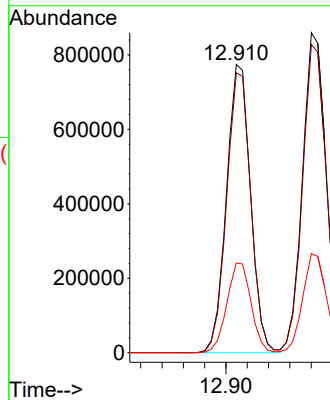
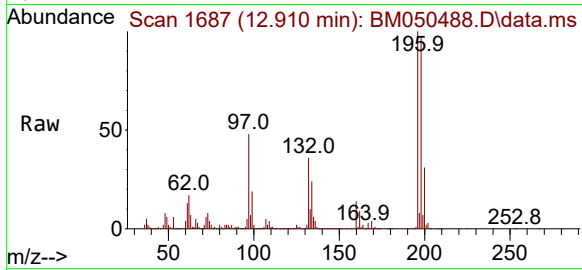




#43
2,4,6-Trichlorophenol
Concen: 43.762 ng
RT: 12.910 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

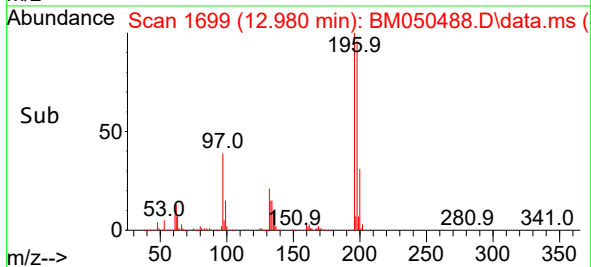
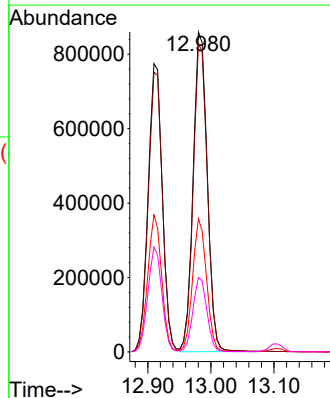
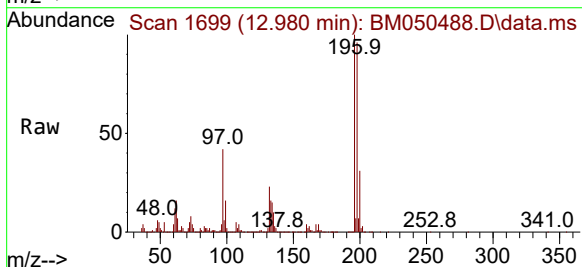
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

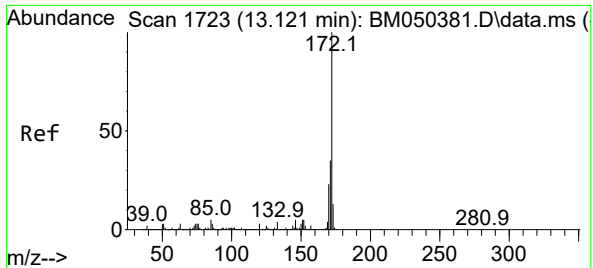
Tgt Ion:196 Resp: 1214104
Ion Ratio Lower Upper
196 100
198 97.1 75.1 112.7
200 31.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.153 ng
RT: 12.980 min Scan# 1699
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:196 Resp: 1337813
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
97 41.6 36.2 54.4
132 23.3 19.9 29.9

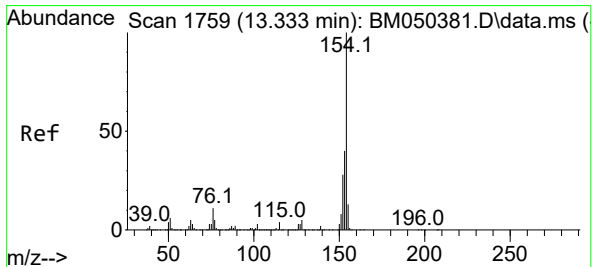
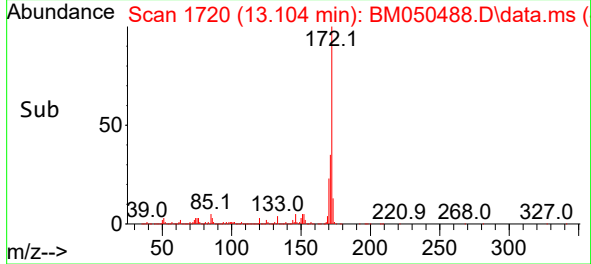
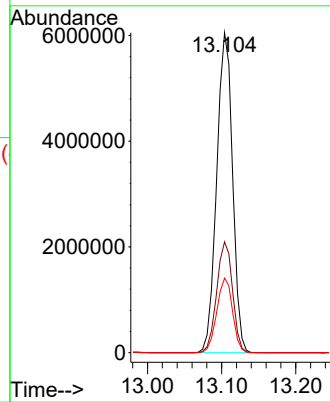
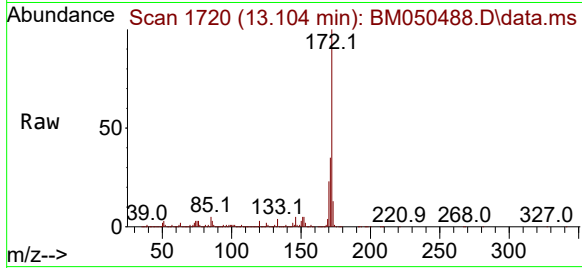




#45
2-Fluorobiphenyl
Concen: 78.238 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

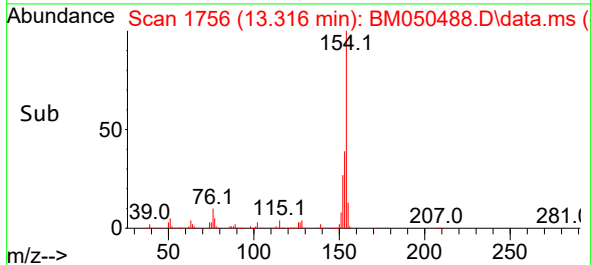
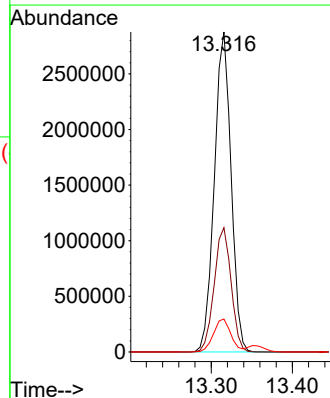
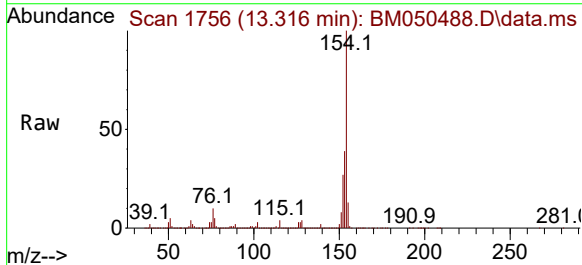
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

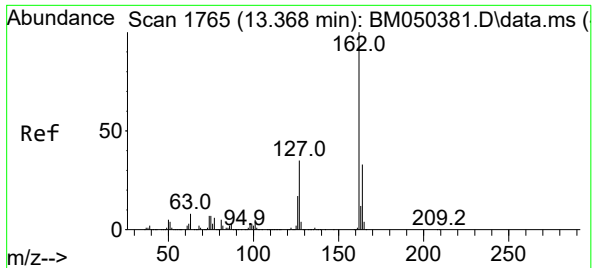
Tgt Ion:172 Resp: 8979204
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 39.120 ng
RT: 13.316 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:154 Resp: 4113625
Ion Ratio Lower Upper
154 100
153 38.8 19.7 59.7
76 10.3 0.0 30.9

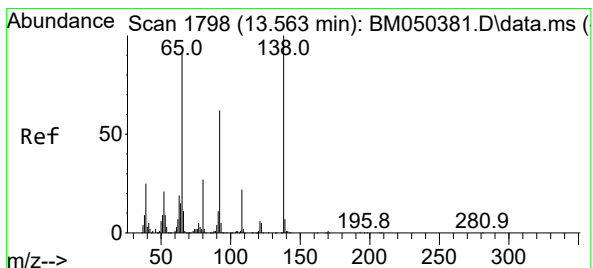
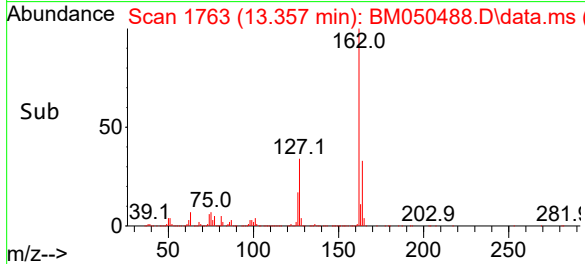
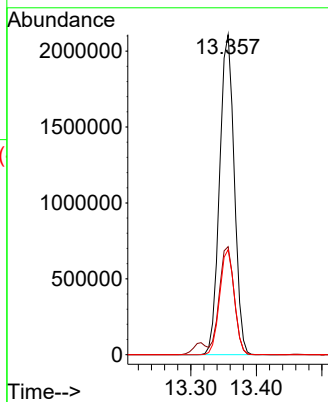
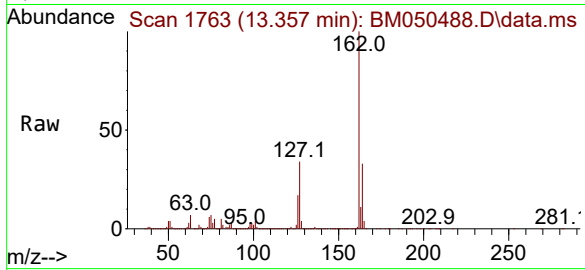




#47
2-Chloronaphthalene
Concen: 38.910 ng
RT: 13.357 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

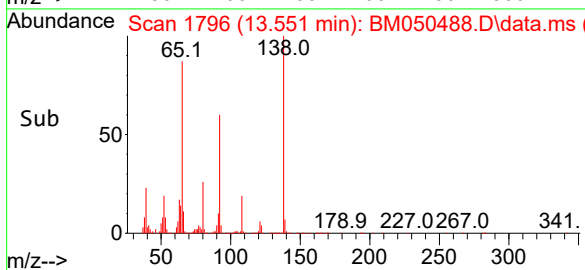
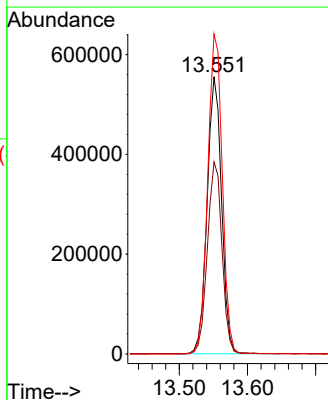
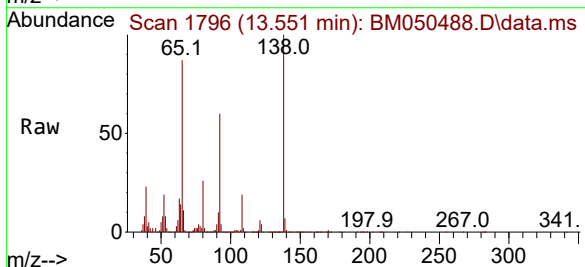
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

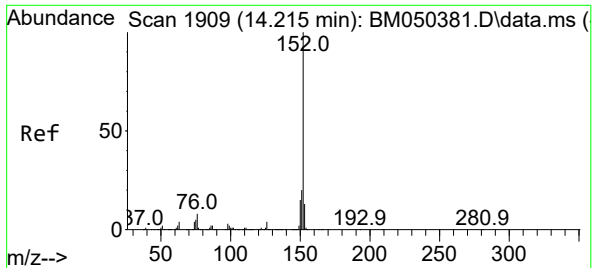
Tgt Ion:162 Resp: 3262221
Ion Ratio Lower Upper
162 100
127 33.8 28.3 42.5
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 43.806 ng
RT: 13.551 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 65 Resp: 819783
Ion Ratio Lower Upper
65 100
92 69.2 54.3 81.5
138 115.4 87.8 131.6

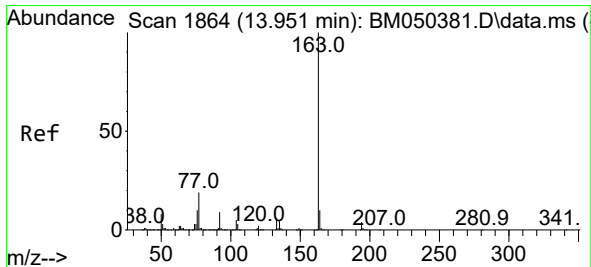
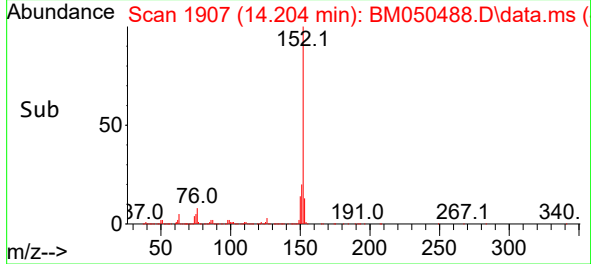
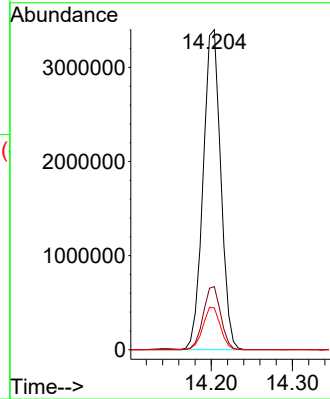
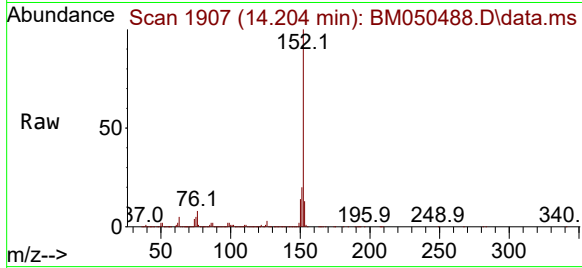




#49
Acenaphthylene
Concen: 40.370 ng
RT: 14.204 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

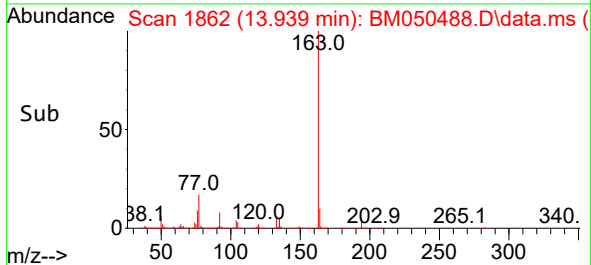
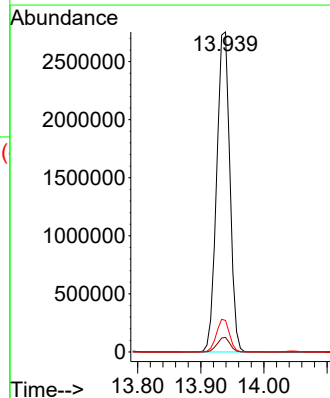
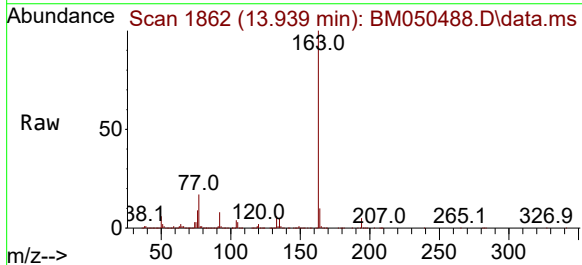
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

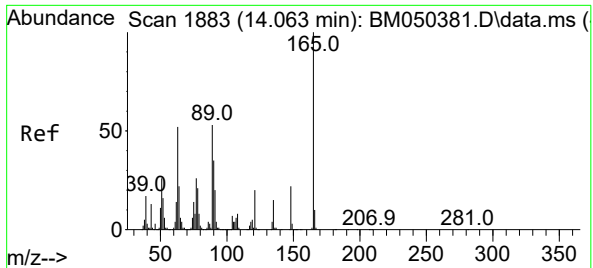
Tgt Ion:152 Resp: 5115199
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.1 10.6 15.8



#50
Dimethylphthalate
Concen: 40.836 ng
RT: 13.939 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:163 Resp: 3984657
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.2

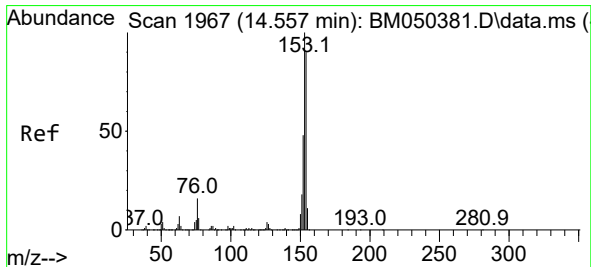
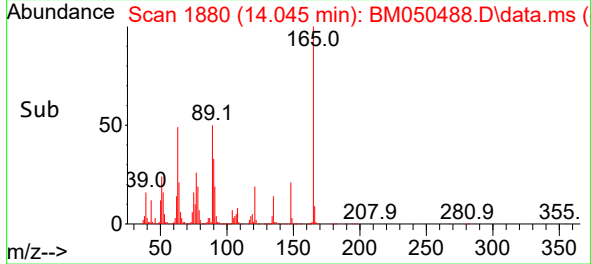
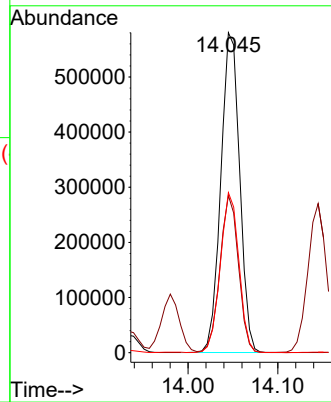
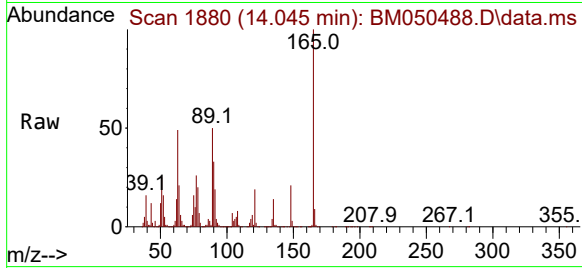




#51
2,6-Dinitrotoluene
Concen: 45.097 ng
RT: 14.045 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

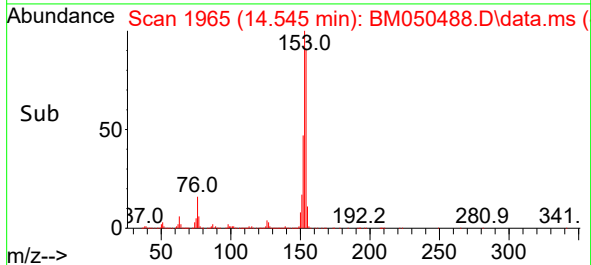
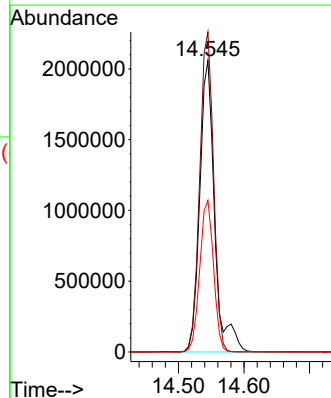
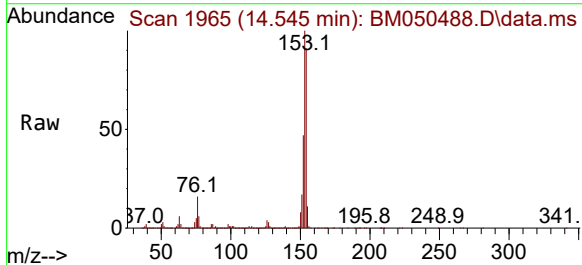
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

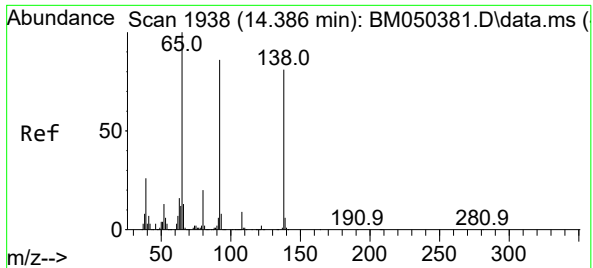
Tgt Ion:165 Resp: 844904
Ion Ratio Lower Upper
165 100
63 49.1 42.4 63.6
89 50.0 42.2 63.2



#52
Acenaphthene
Concen: 40.158 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:154 Resp: 3234937
Ion Ratio Lower Upper
154 100
153 109.8 89.2 133.8
152 52.0 42.6 64.0

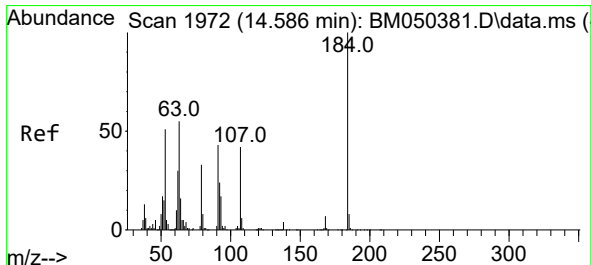
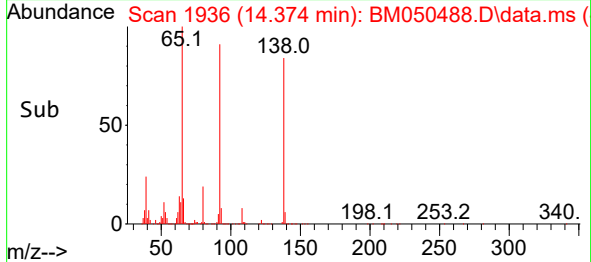
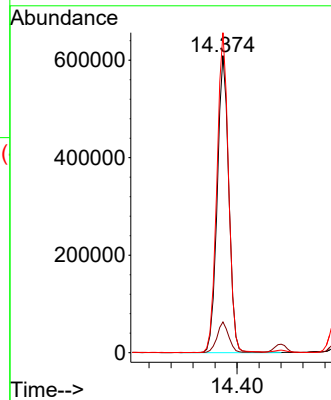
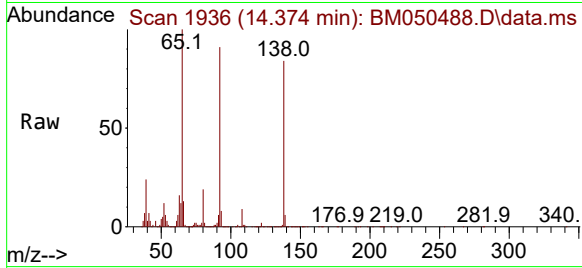




#53
3-Nitroaniline
Concen: 44.817 ng
RT: 14.374 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

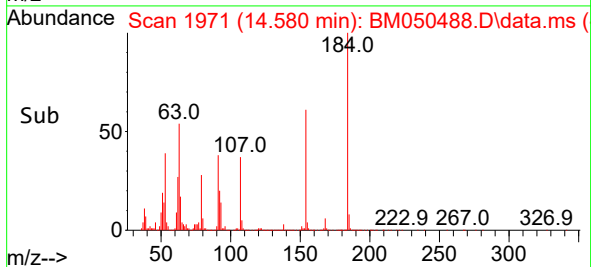
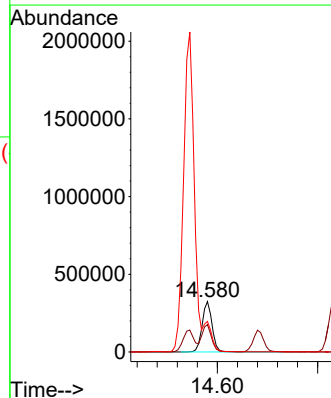
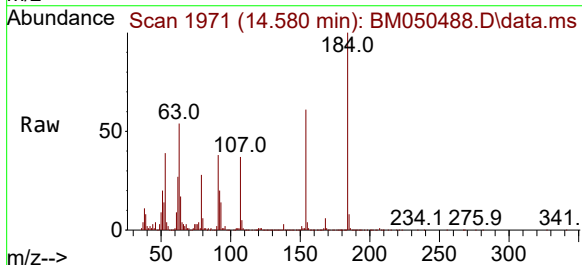
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

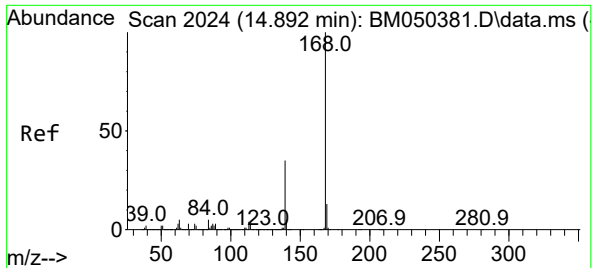
Tgt Ion:138 Resp: 892959
Ion Ratio Lower Upper
138 100
108 10.3 8.8 13.2
92 107.7 85.0 127.6



#54
2,4-Dinitrophenol
Concen: 46.194 ng
RT: 14.580 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:184 Resp: 447135
Ion Ratio Lower Upper
184 100
63 54.3 53.4 80.0
154 60.7 61.6 92.4#





#55

Dibenzenofuran

Concen: 39.264 ng

RT: 14.874 min Scan# 20

Delta R.T. 0.000 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

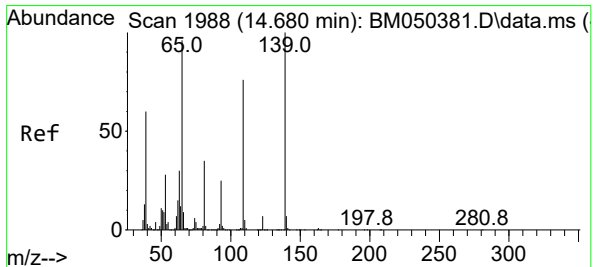
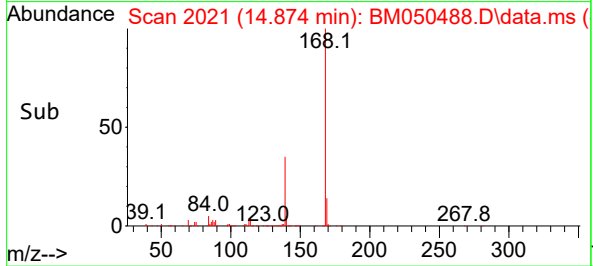
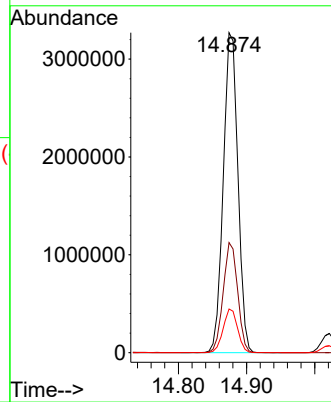
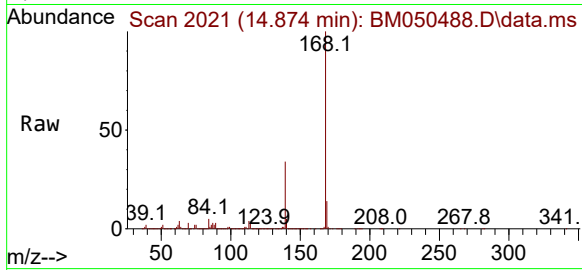
BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:168 Resp: 4873387

Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.7	41.5
169	13.6	10.7	16.1



#56

4-Nitrophenol

Concen: 43.907 ng

RT: 14.686 min Scan# 1989

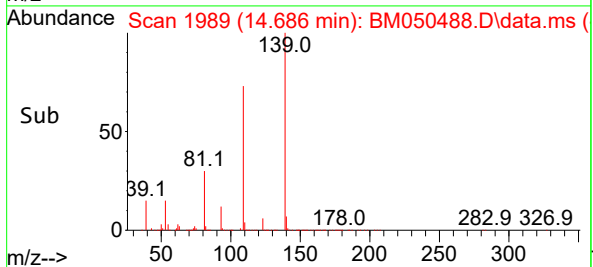
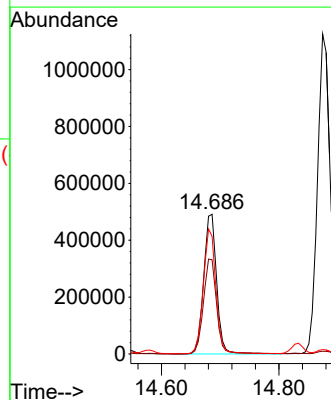
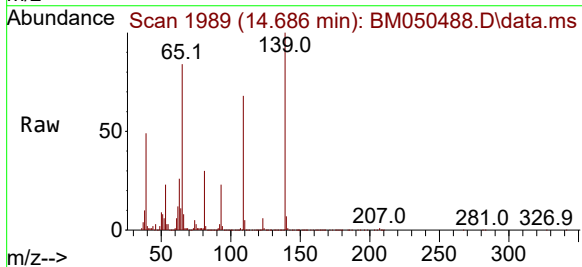
Delta R.T. 0.012 min

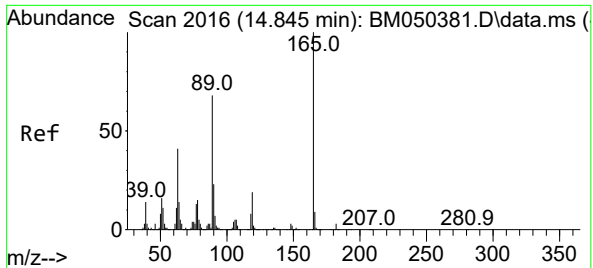
Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Tgt Ion:139 Resp: 752320

Ion	Ratio	Lower	Upper
139	100		
109	67.5	56.5	96.5
65	84.2	76.4	116.4

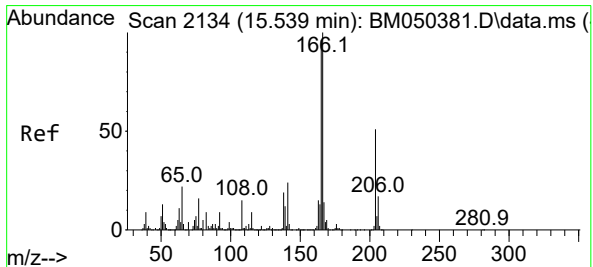
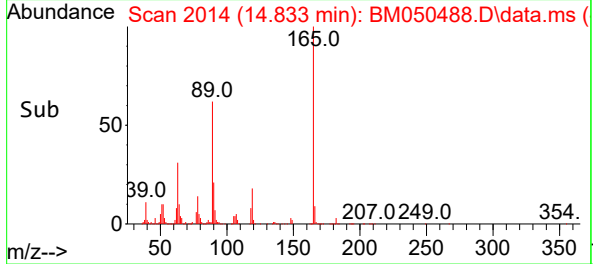
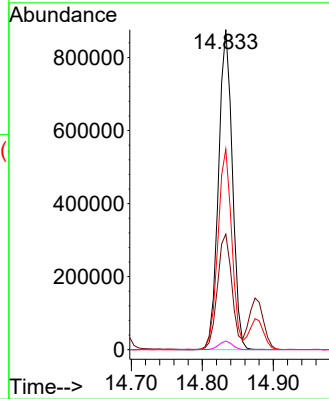
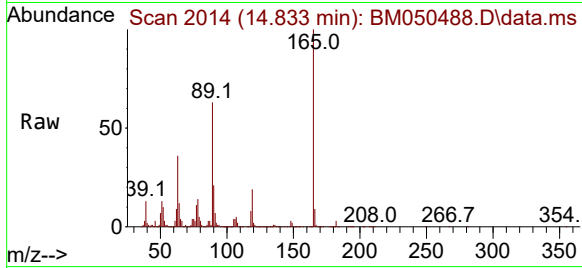




#57
2,4-Dinitrotoluene
Concen: 42.370 ng
RT: 14.833 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

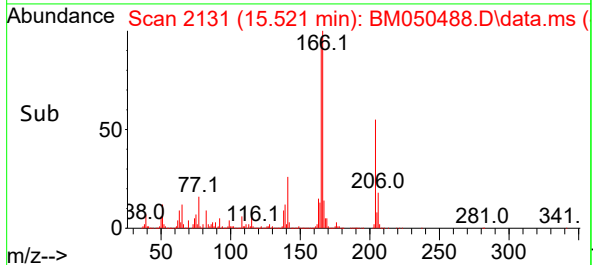
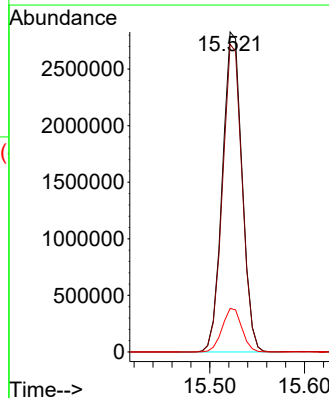
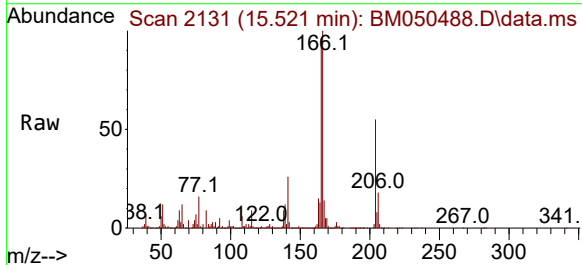
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

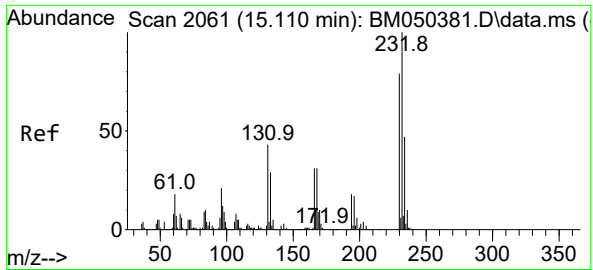
Tgt Ion:165 Resp: 1178835
Ion Ratio Lower Upper
165 100
63 36.1 32.5 48.7
89 62.7 54.0 81.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 39.924 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:166 Resp: 4081607
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.6
167 13.6 10.9 16.3

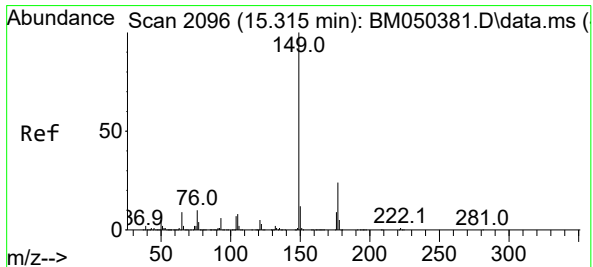
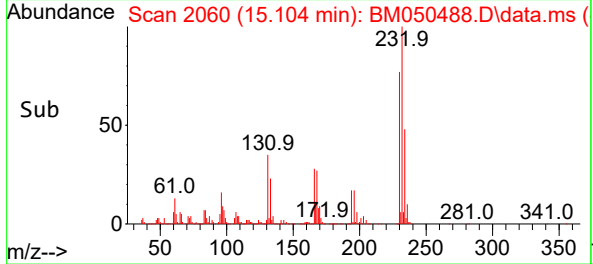
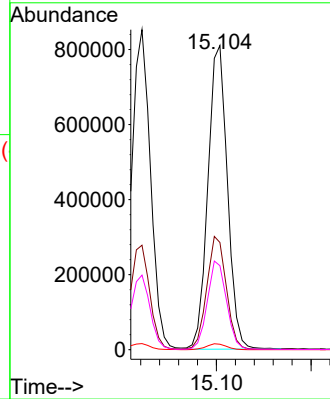
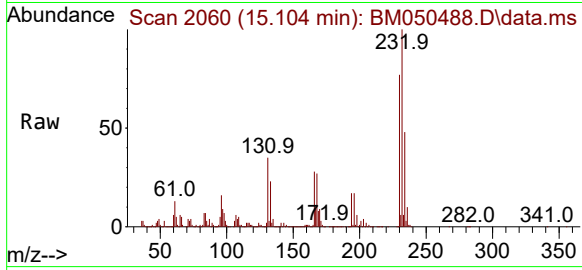




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.303 ng
RT: 15.104 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

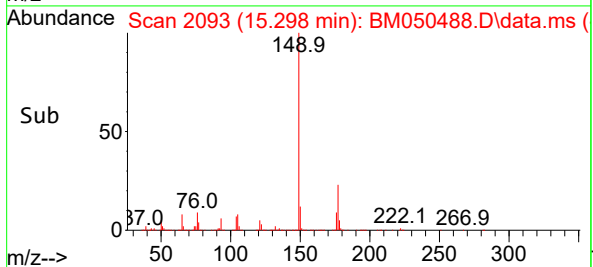
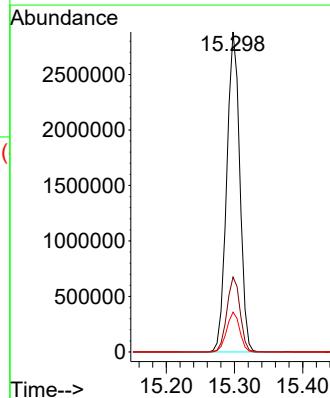
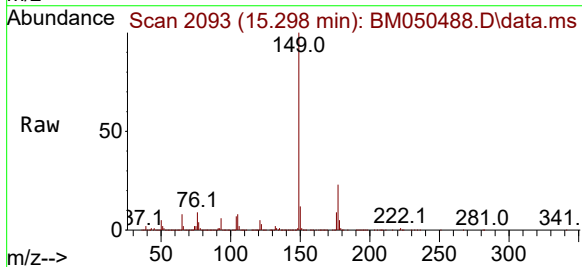
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

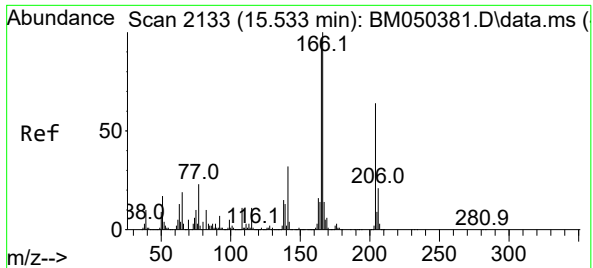
Tgt Ion:232 Resp: 1155498
Ion Ratio Lower Upper
232 100
131 37.4 33.4 50.0
130 2.0 1.8 2.6
166 29.0 24.2 36.4



#60
Diethylphthalate
Concen: 41.177 ng
RT: 15.298 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:149 Resp: 3838064
Ion Ratio Lower Upper
149 100
177 23.4 18.8 28.2
150 12.5 9.8 14.8

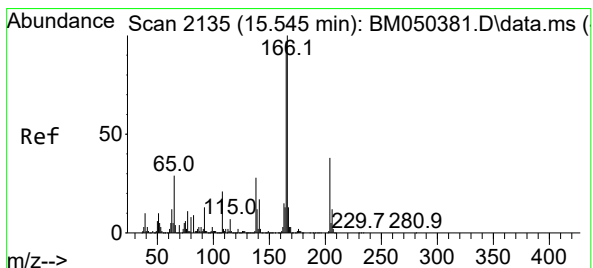
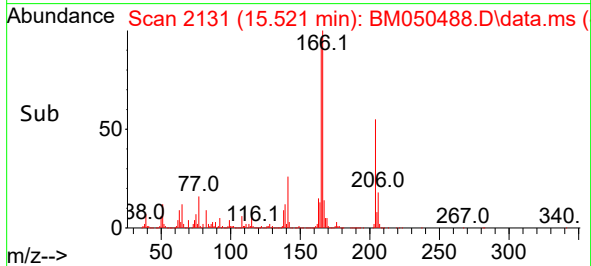
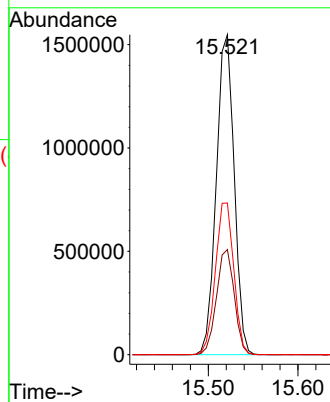
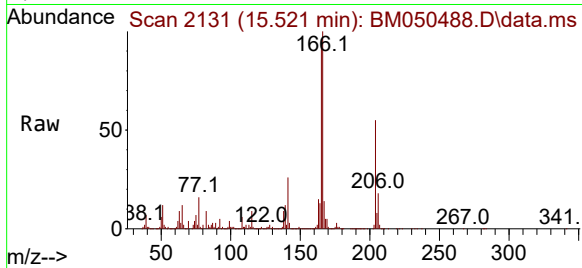




#61
4-Chlorophenyl-phenylether
Concen: 40.083 ng
RT: 15.521 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

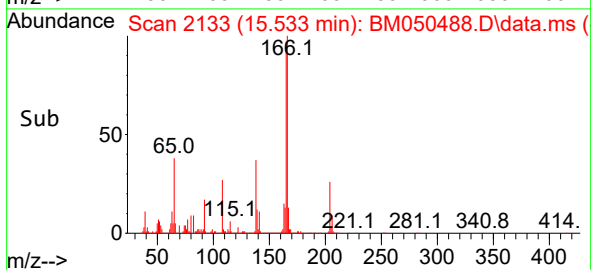
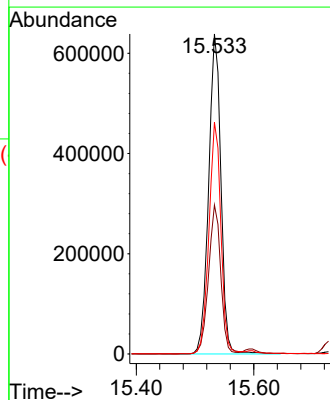
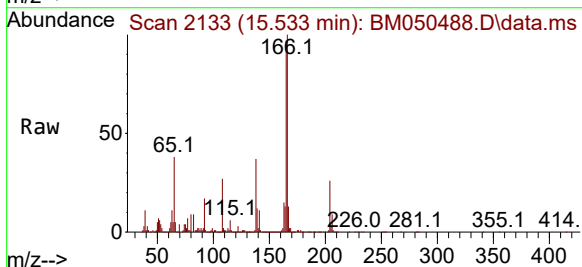
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

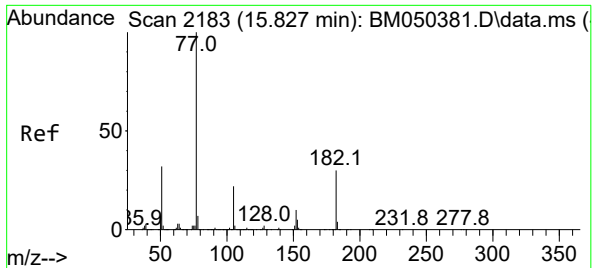
Tgt Ion:204 Resp: 2142724
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 47.4 39.9 59.9



#62
4-Nitroaniline
Concen: 40.874 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:138 Resp: 926980
Ion Ratio Lower Upper
138 100
92 46.6 24.5 64.5
108 72.4 52.5 92.5

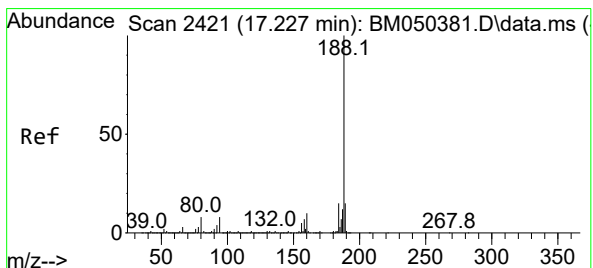
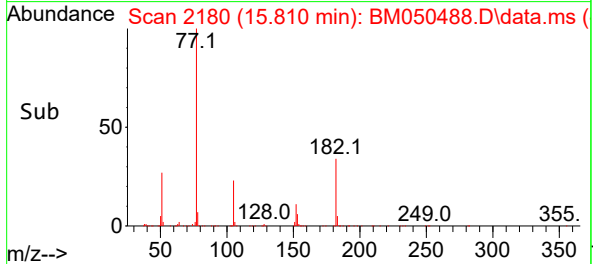
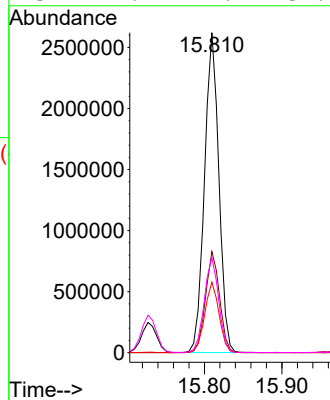
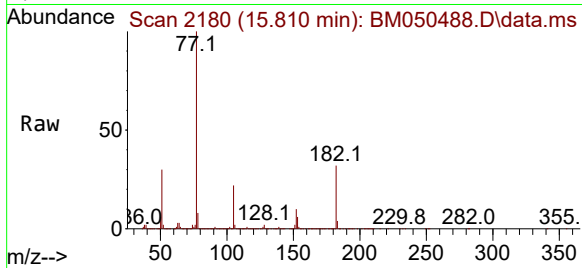




#63
Azobenzene
Concen: 39.319 ng
RT: 15.810 min Scan# 2180
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

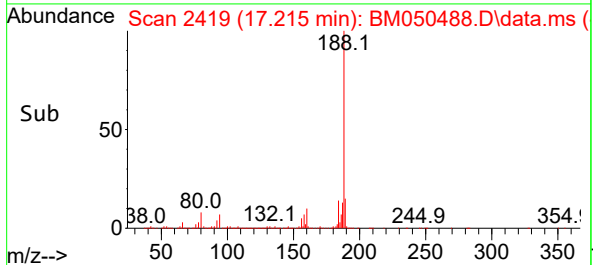
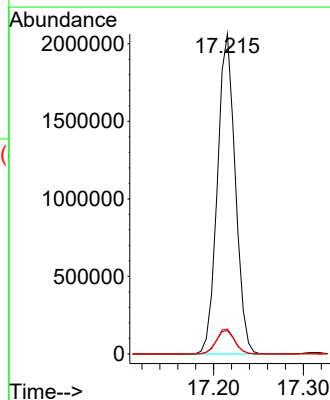
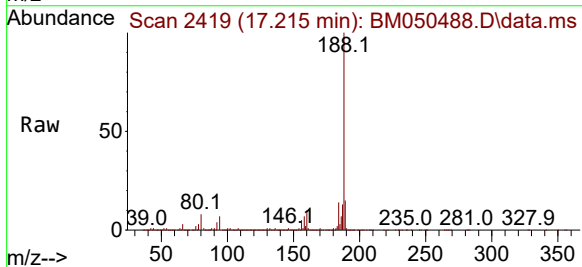
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

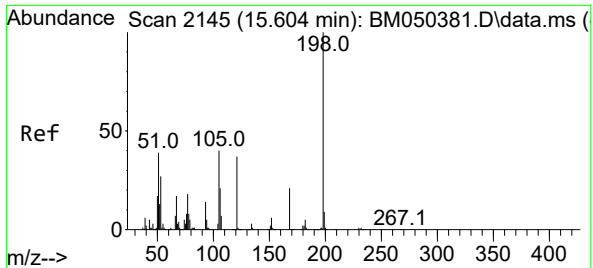
Tgt Ion: 77 Resp: 3365275
Ion Ratio Lower Upper
77 100
182 31.6 10.0 50.0
105 22.1 2.0 42.0
51 29.7 11.7 51.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion: 188 Resp: 2849654
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.8 6.5 9.7

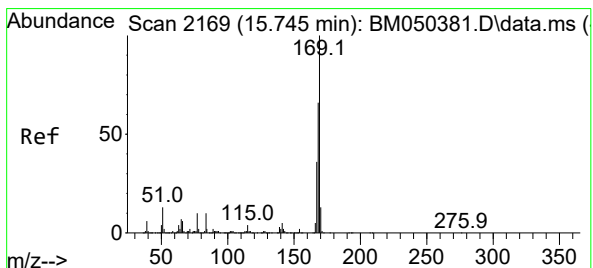
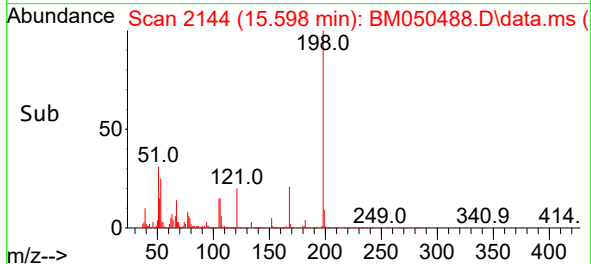
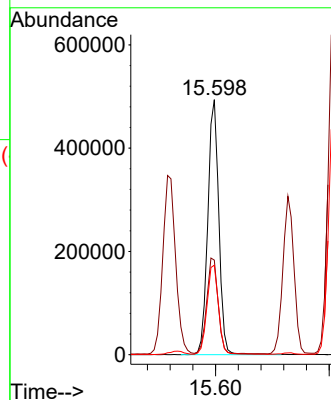
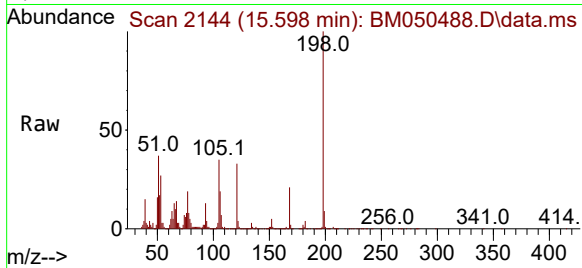




#65
4,6-Dinitro-2-methylphenol
Concen: 43.709 ng
RT: 15.598 min Scan# 2145
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

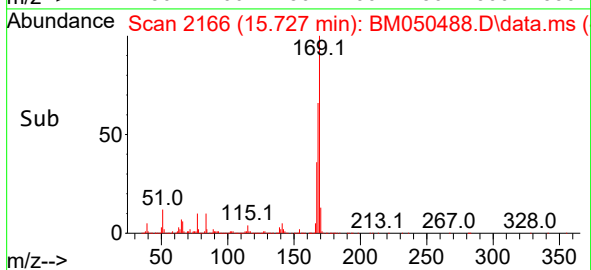
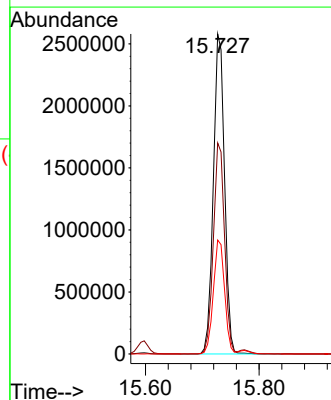
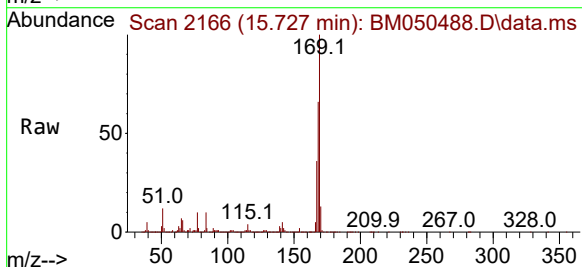
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

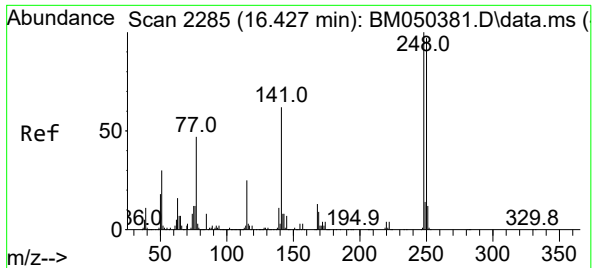
Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.1	26.6	66.6
105	35.1	20.9	60.9



#66
n-Nitrosodiphenylamine
Concen: 39.258 ng
RT: 15.727 min Scan# 2166
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.2	79.8
167	35.6	28.7	43.1

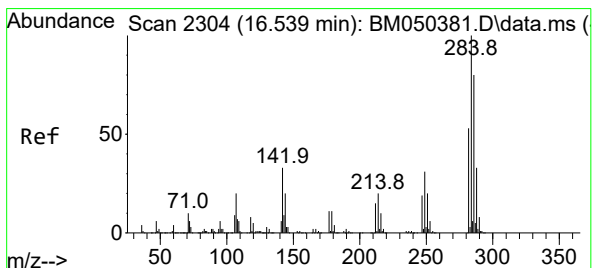
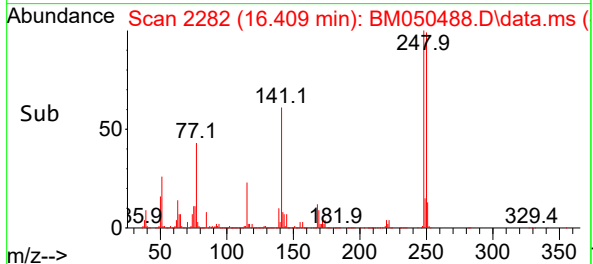
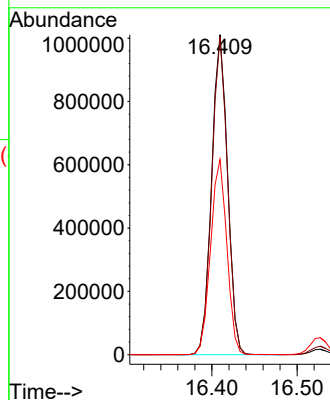
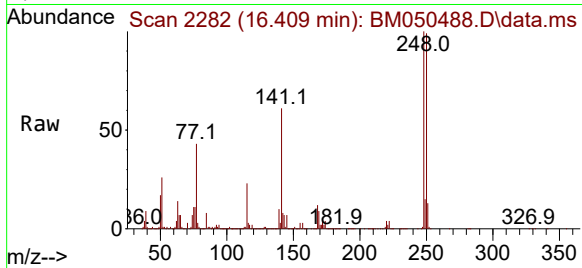




#67
4-Bromophenyl-phenylether
Concen: 41.972 ng
RT: 16.409 min Scan# 211
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

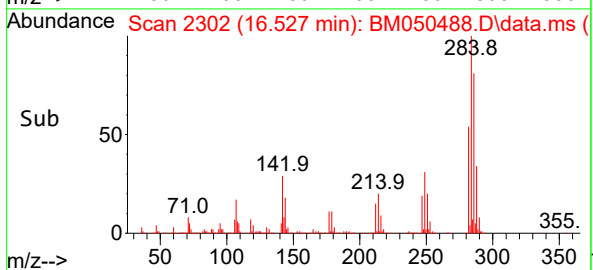
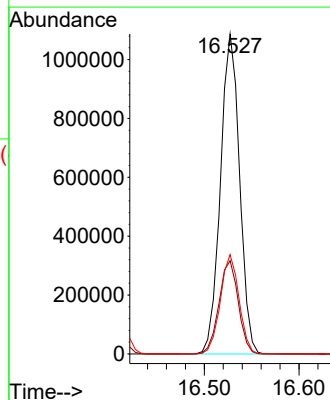
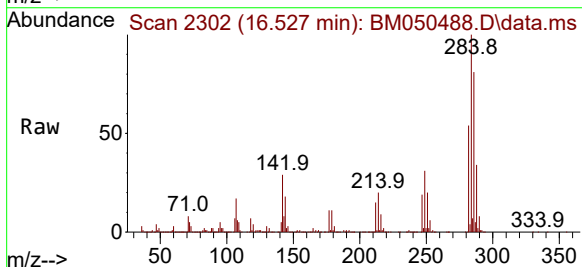
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

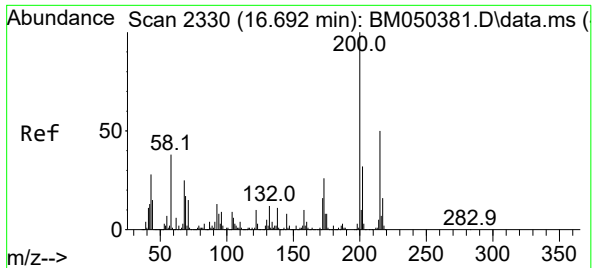
Tgt Ion:248 Resp: 1317795
Ion Ratio Lower Upper
248 100
250 99.4 77.9 116.9
141 61.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 41.179 ng
RT: 16.527 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:284 Resp: 1526986
Ion Ratio Lower Upper
284 100
142 29.2 26.8 40.2
249 31.0 24.5 36.7

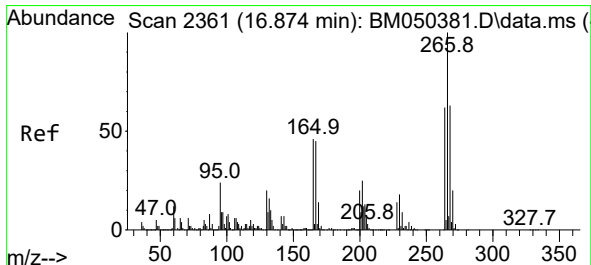
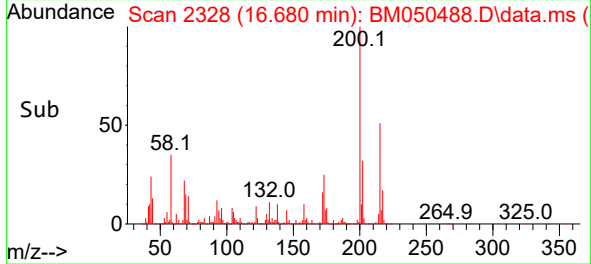
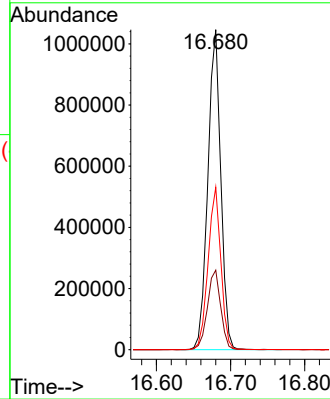
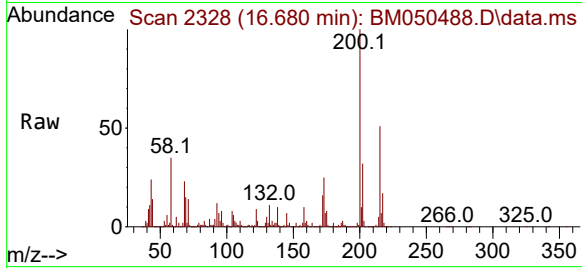




#69
Atrazine
Concen: 43.371 ng
RT: 16.680 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

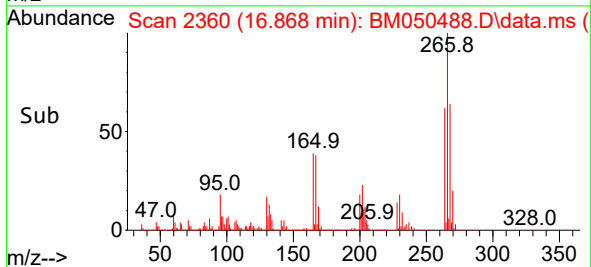
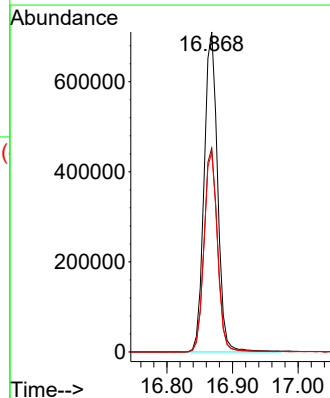
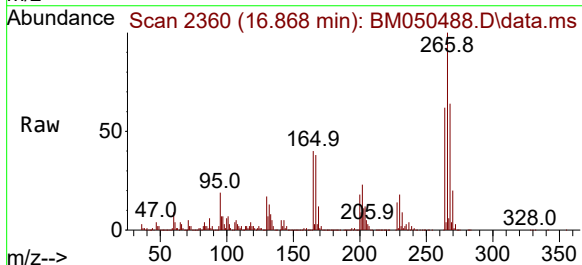
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

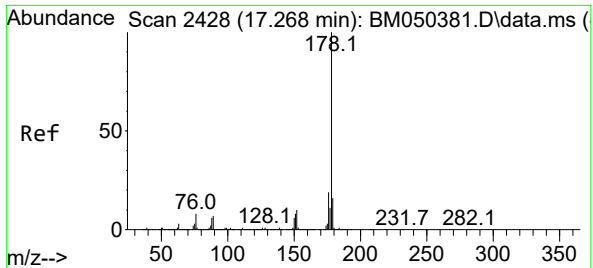
Tgt Ion:200 Resp: 1269940
Ion Ratio Lower Upper
200 100
173 24.8 5.6 45.6
215 50.7 29.6 69.6



#70
Pentachlorophenol
Concen: 43.998 ng
RT: 16.868 min Scan# 2360
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:266 Resp: 1015634
Ion Ratio Lower Upper
266 100
268 63.7 50.5 75.7
264 62.4 49.9 74.9

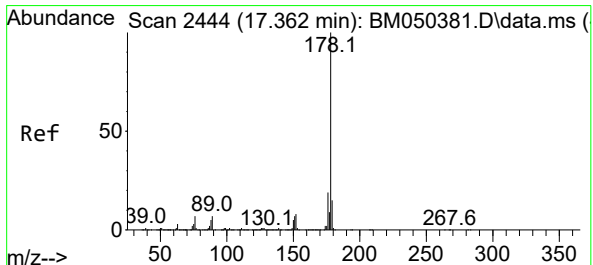
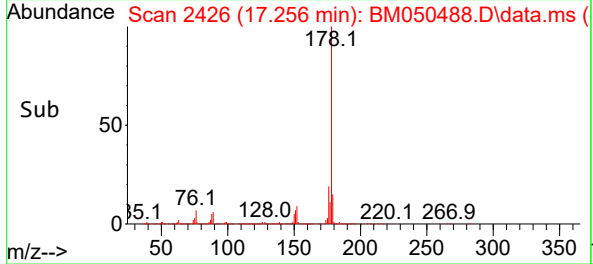
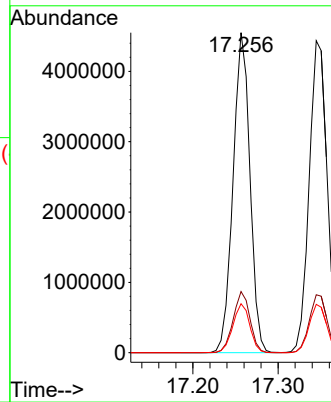
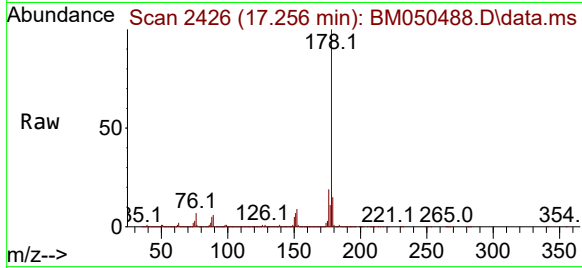




#71
Phenanthrene
Concen: 38.814 ng
RT: 17.256 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

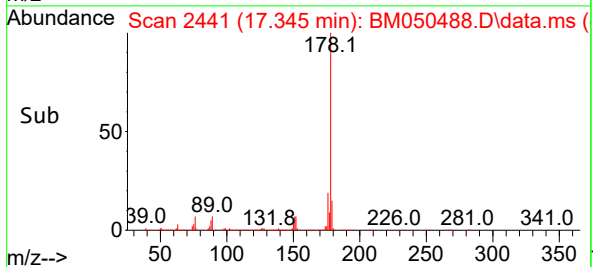
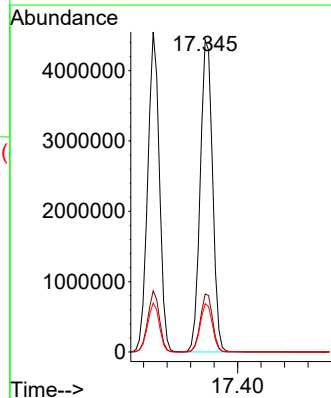
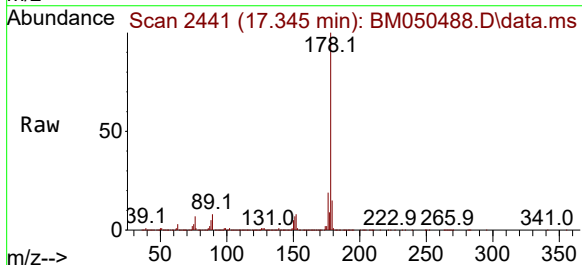
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

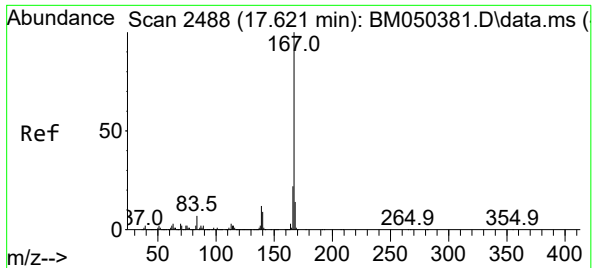
Tgt Ion:178 Resp: 6258796
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.5 18.7



#72
Anthracene
Concen: 40.195 ng
RT: 17.345 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:178 Resp: 6451628
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.2 18.4

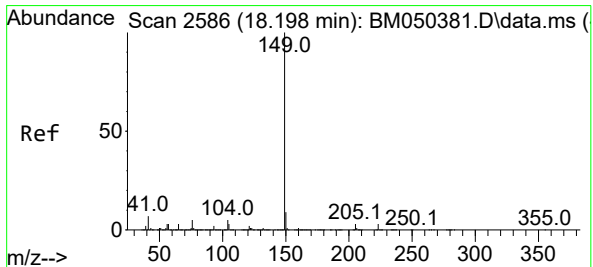
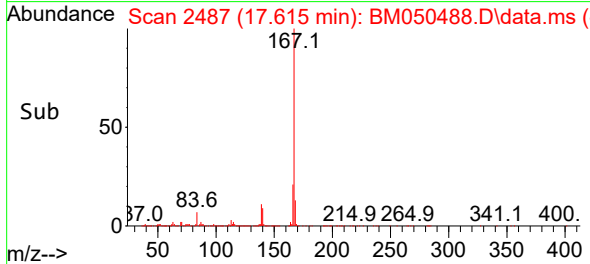
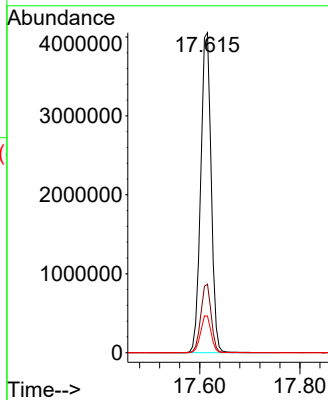
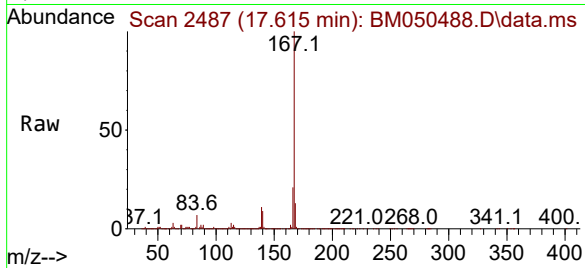




#73
Carbazole
Concen: 40.392 ng
RT: 17.615 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

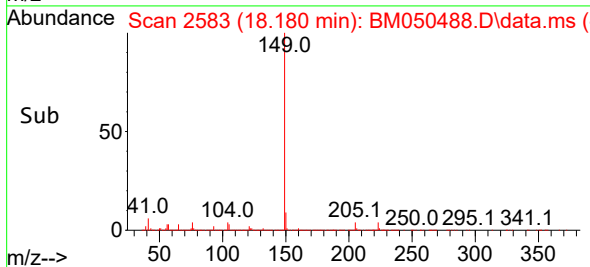
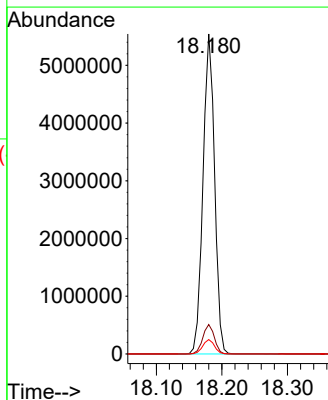
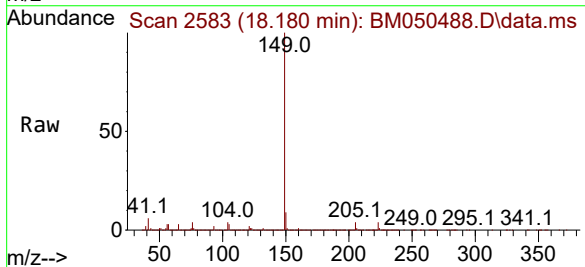
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

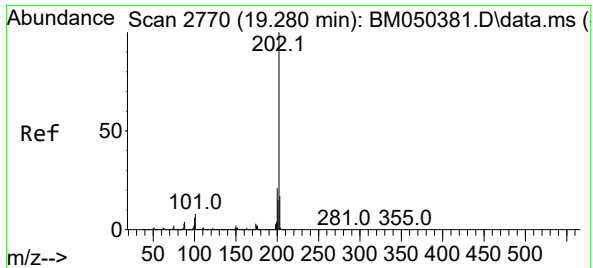
Tgt Ion:167 Resp: 5866160
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 11.5 9.9 14.9



#74
Di-n-butylphthalate
Concen: 42.868 ng
RT: 18.180 min Scan# 2583
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:149 Resp: 6814421
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.9 5.9

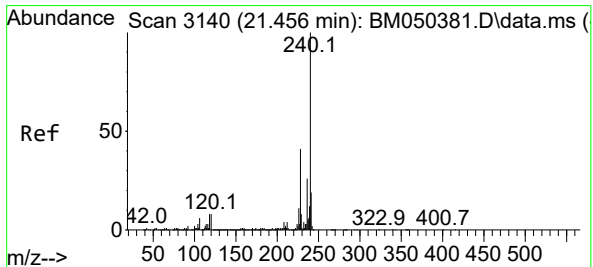
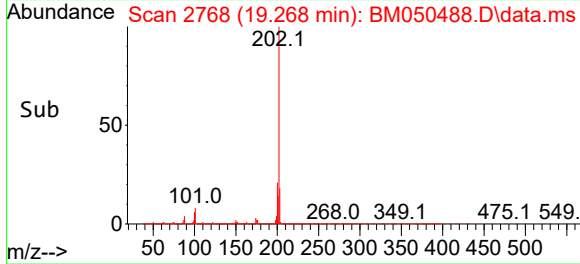
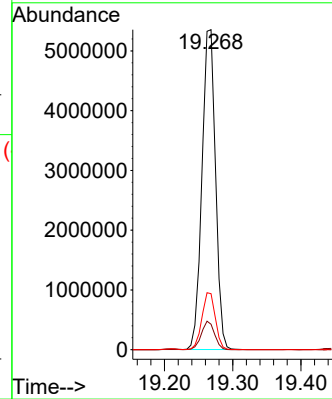
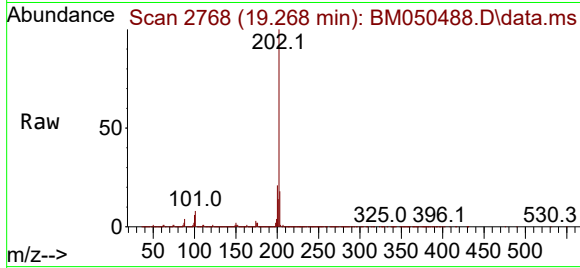




#75
Fluoranthene
Concen: 42.202 ng
RT: 19.268 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

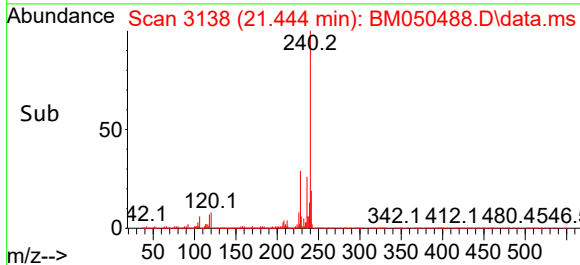
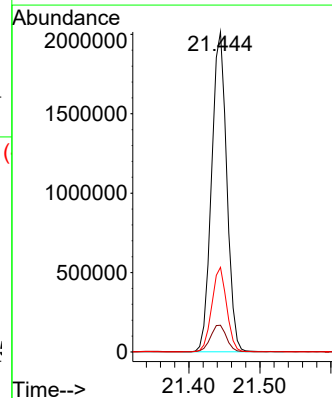
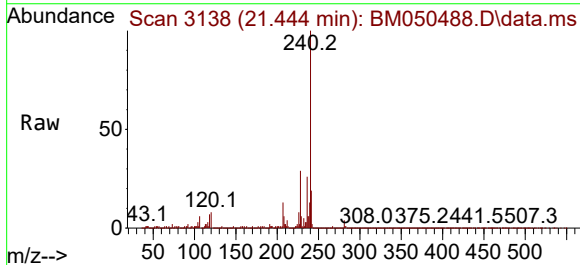
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

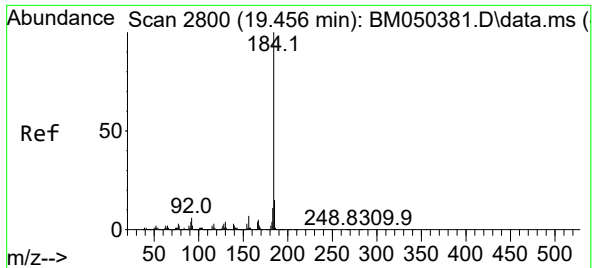
Tgt Ion:202 Resp: 7397813
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.3
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3138
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:240 Resp: 2992562
Ion Ratio Lower Upper
240 100
120 8.4 6.7 10.1
236 26.5 20.7 31.1

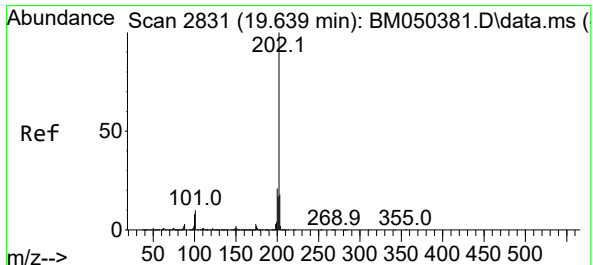
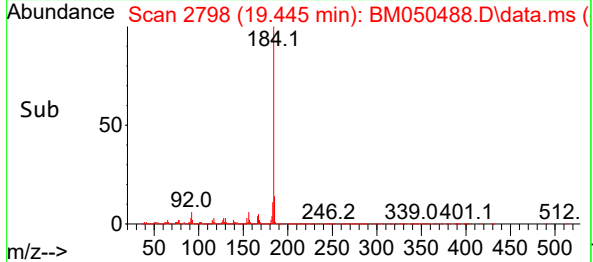
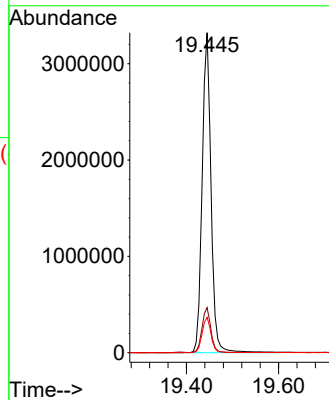
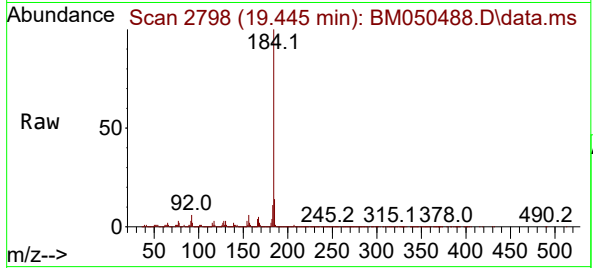




#77
Benzidine
Concen: 58.375 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

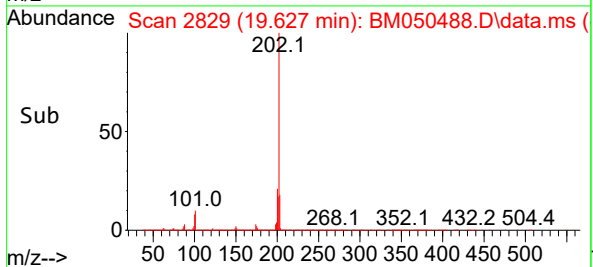
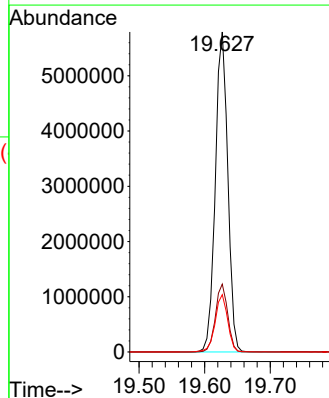
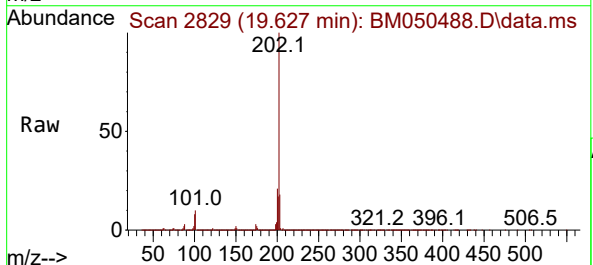
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

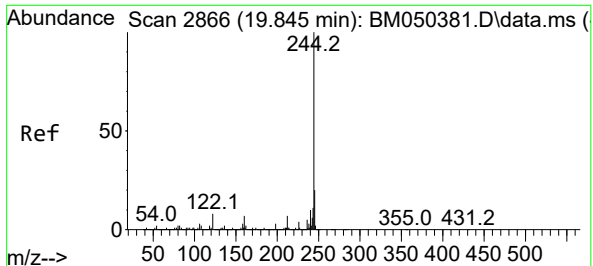
Tgt Ion:184 Resp: 4455697
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.1 9.0 13.6



#78
Pyrene
Concen: 39.792 ng
RT: 19.627 min Scan# 2829
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:202 Resp: 7626459
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.9 14.1 21.1

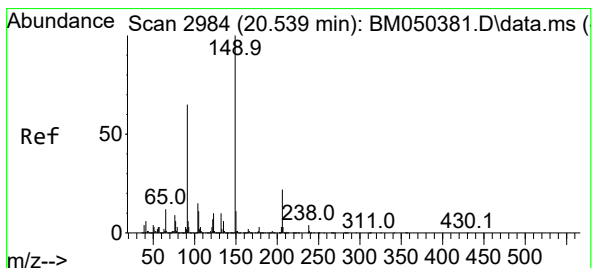
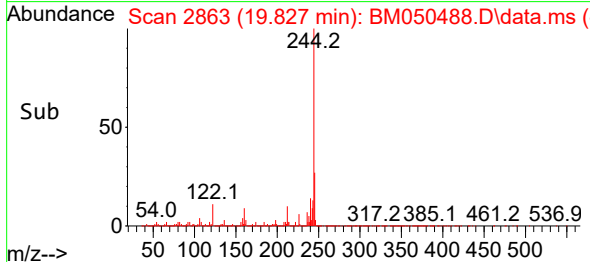
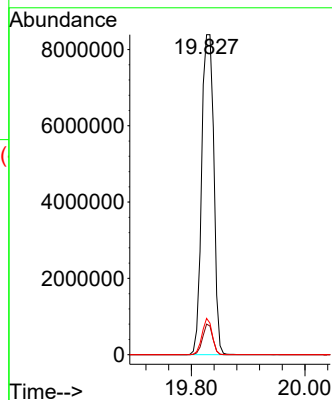
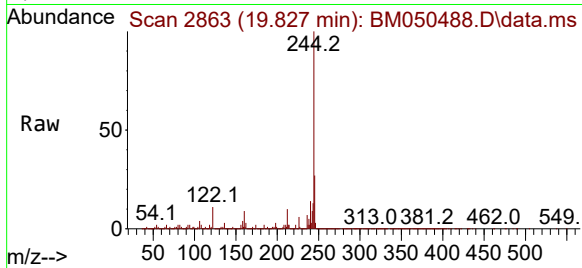




#79
Terphenyl-d14
Concen: 72.969 ng
RT: 19.827 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

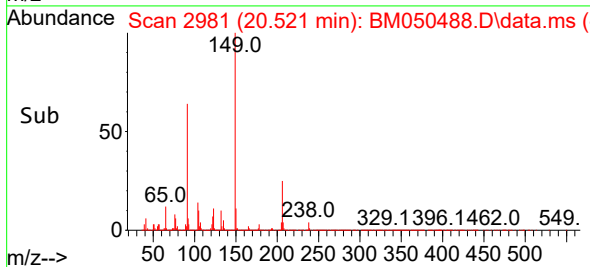
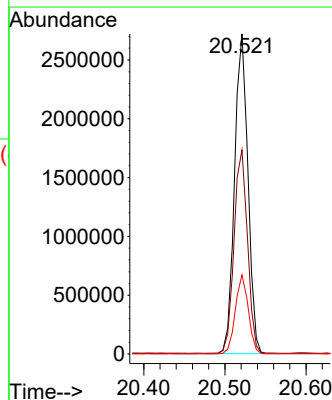
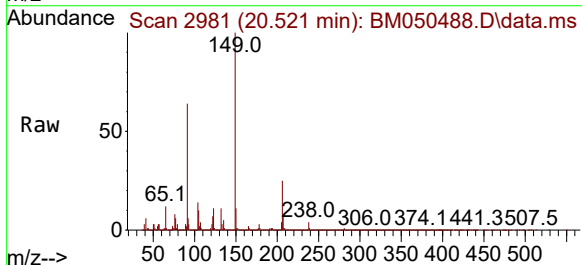
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

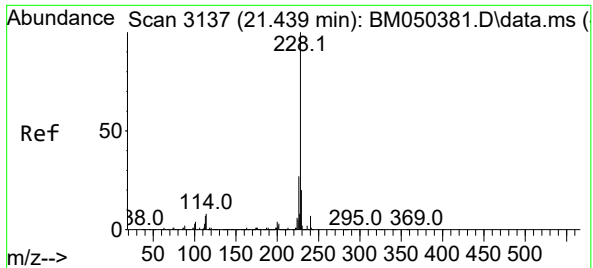
Tgt Ion:244 Resp:12410863
Ion Ratio Lower Upper
244 100
212 9.6 5.7 8.5#
122 11.3 6.2 9.2#



#80
Butylbenzylphthalate
Concen: 49.099 ng
RT: 20.521 min Scan# 2981
Delta R.T. 0.006 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:149 Resp: 3102877
Ion Ratio Lower Upper
149 100
91 63.7 51.6 77.4
206 24.7 17.8 26.8

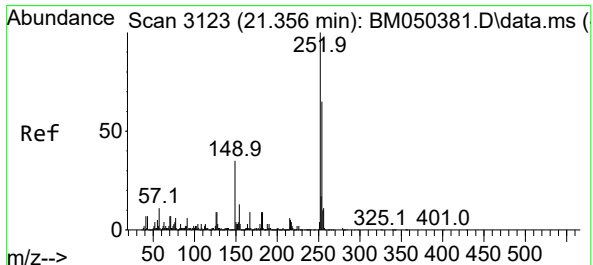
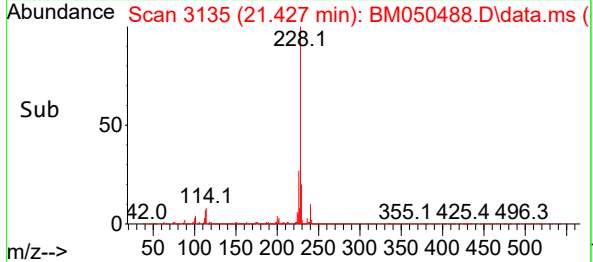
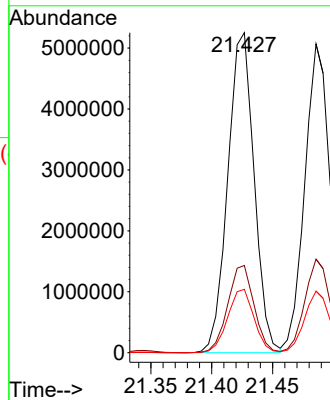
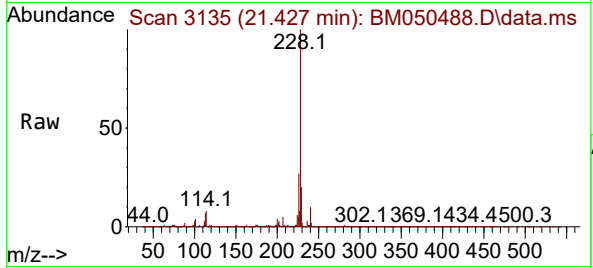




#81
Benzo(a)anthracene
Concen: 40.477 ng
RT: 21.427 min Scan# 3135
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

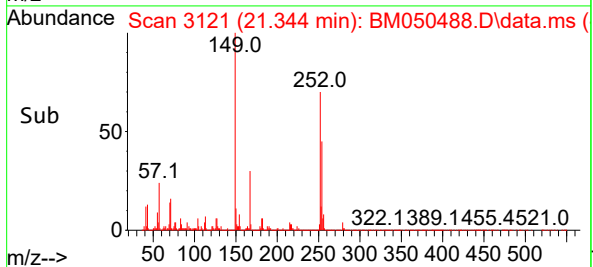
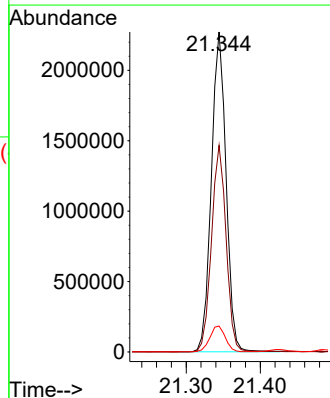
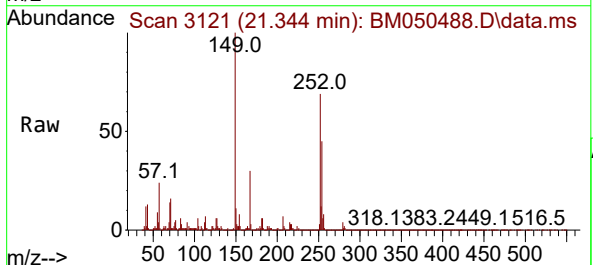
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

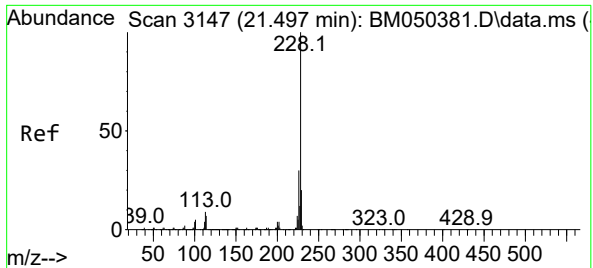
Tgt Ion:228 Resp: 7892434
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 47.438 ng
RT: 21.344 min Scan# 3121
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:252 Resp: 3119311
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 8.1 7.3 10.9





#83

Chrysene

Concen: 39.635 ng

RT: 21.486 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

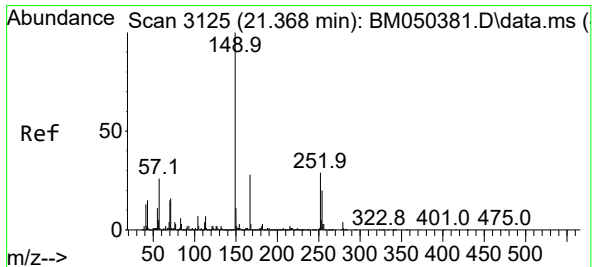
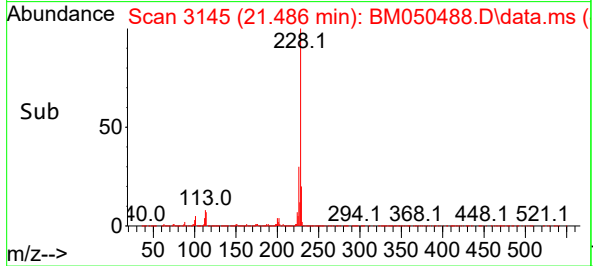
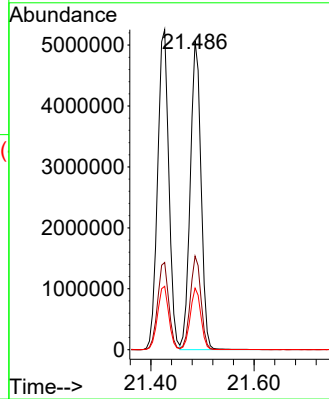
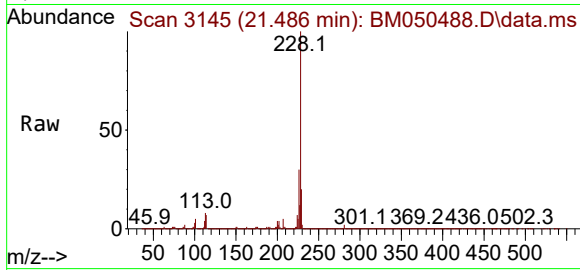
Tgt Ion:228 Resp: 7289508

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.142 ng

RT: 21.350 min Scan# 3122

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

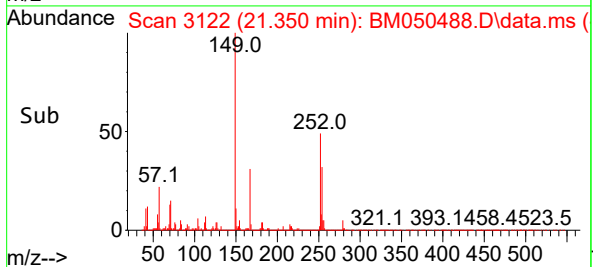
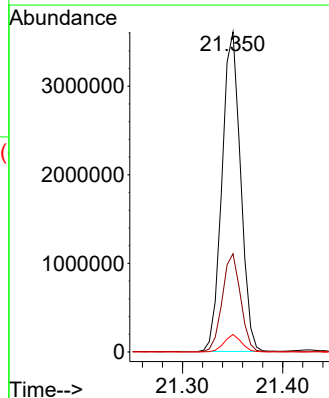
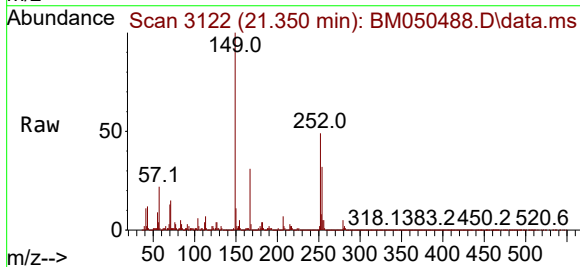
Tgt Ion:149 Resp: 4629074

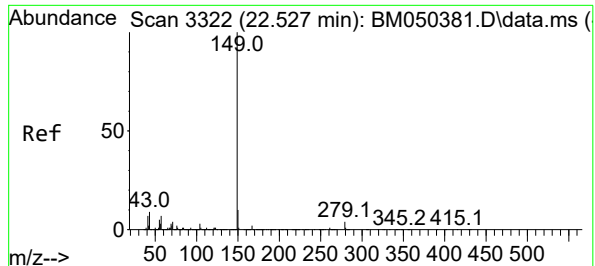
Ion Ratio Lower Upper

149 100

167 30.7 22.7 34.1

279 5.5 3.5 5.3#

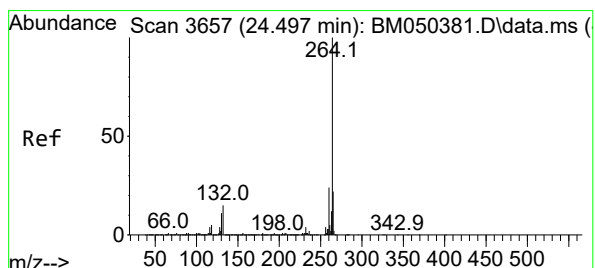
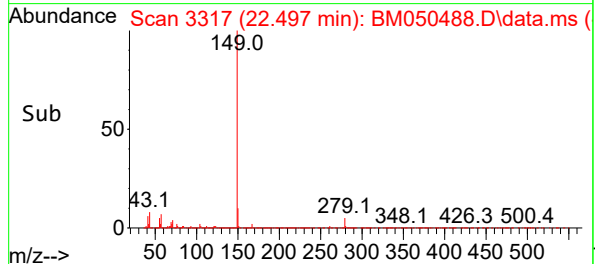
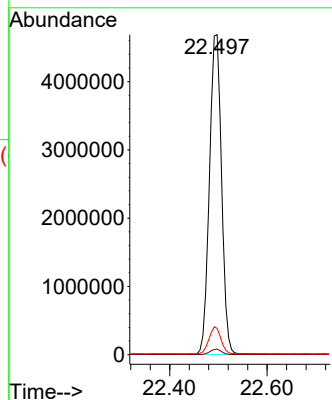
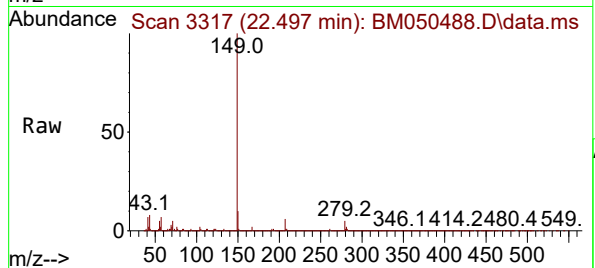




#85
Di-n-octyl phthalate
Concen: 51.226 ng
RT: 22.497 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

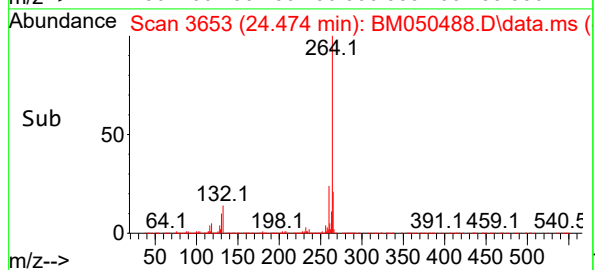
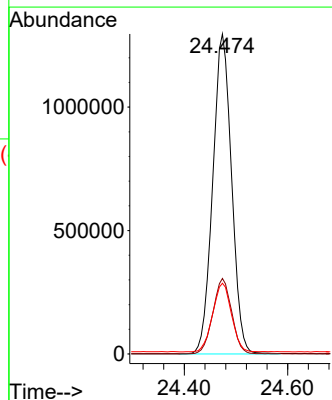
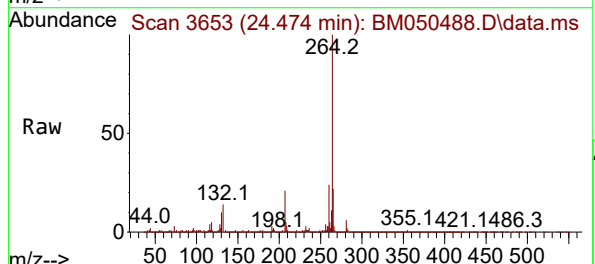
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

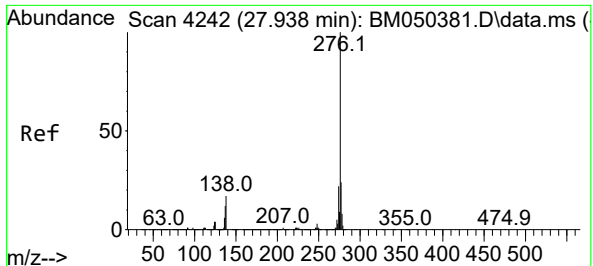
Tgt Ion:149 Resp: 8048934
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.7 11.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3653
Delta R.T. 0.018 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:264 Resp: 3273796
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.1 17.8 26.6

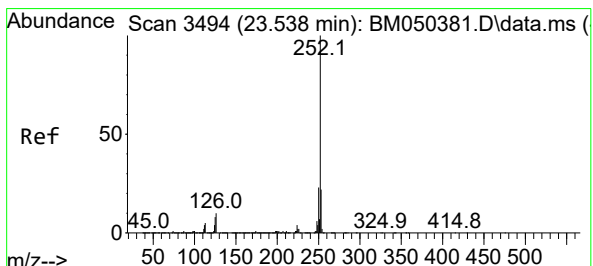
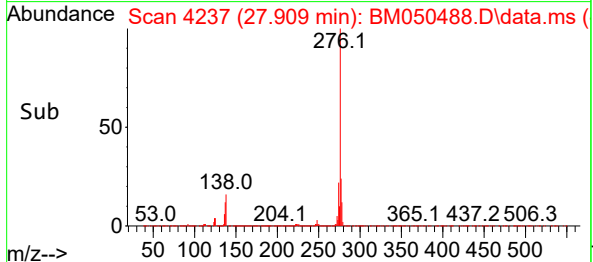
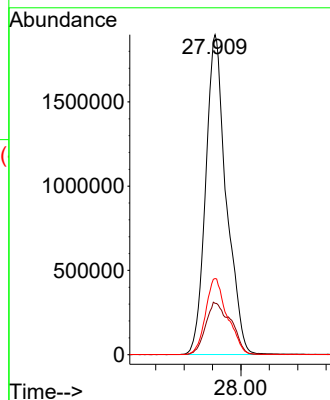
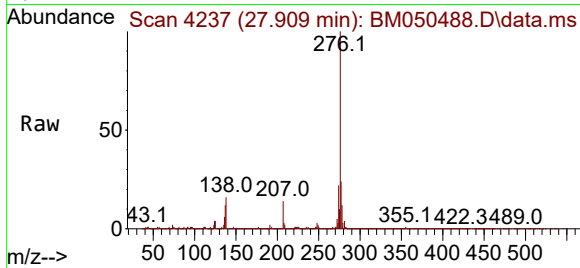




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.116 ng
RT: 27.909 min Scan# 41
Delta R.T. 0.029 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

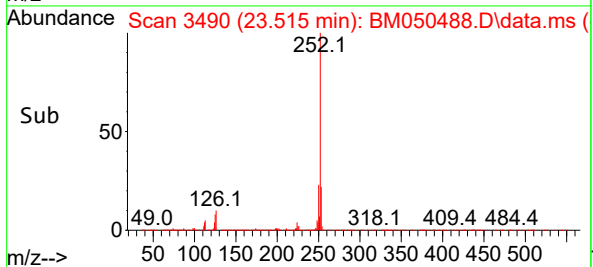
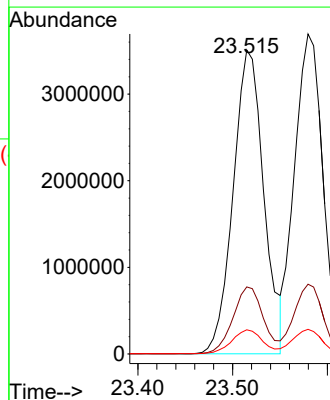
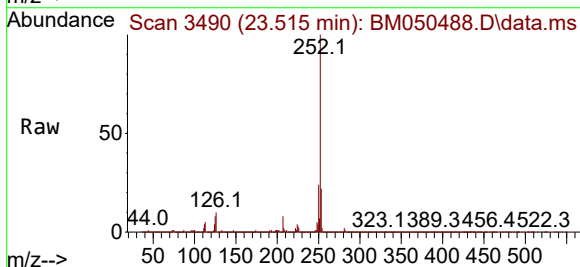
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

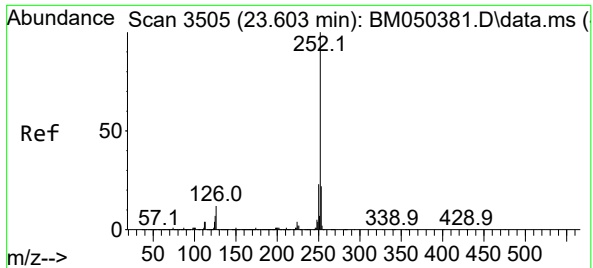
Tgt Ion:276 Resp: 9570216
Ion Ratio Lower Upper
276 100
138 20.1 17.0 25.6
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 39.187 ng
RT: 23.515 min Scan# 3490
Delta R.T. 0.012 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:252 Resp: 7891128
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.0 6.3 9.5





#89

Benzo(k)fluoranthene

Concen: 36.789 ng

RT: 23.580 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

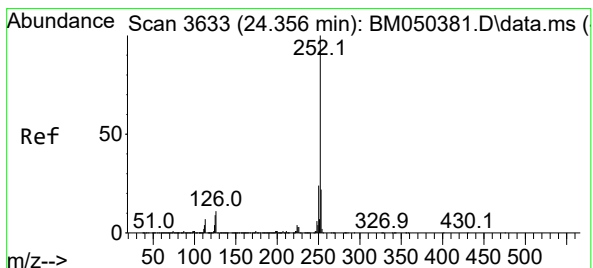
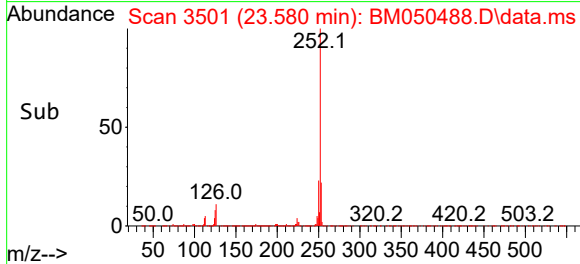
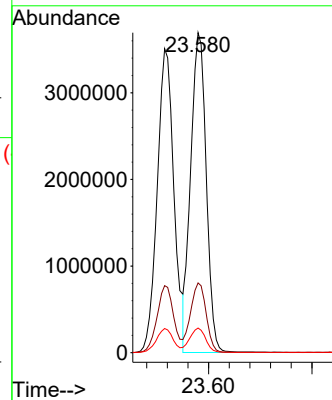
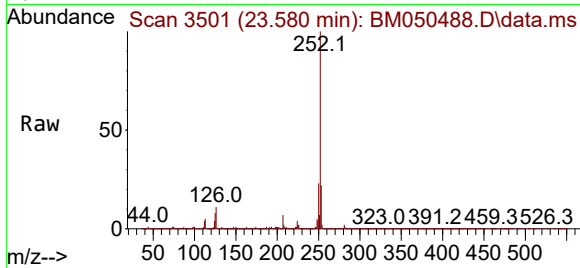
Tgt Ion:252 Resp: 7686989

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 7.7 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.096 ng

RT: 24.333 min Scan# 3629

Delta R.T. 0.018 min

Lab File: BM050488.D

Acq: 23 Jul 2025 13:14

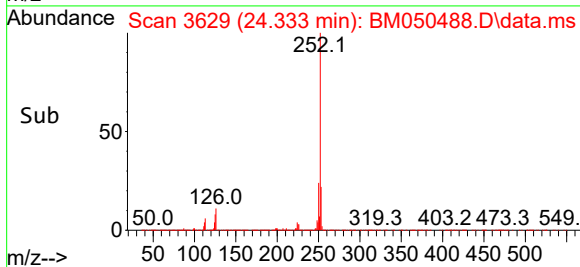
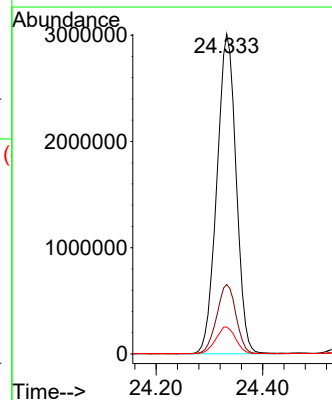
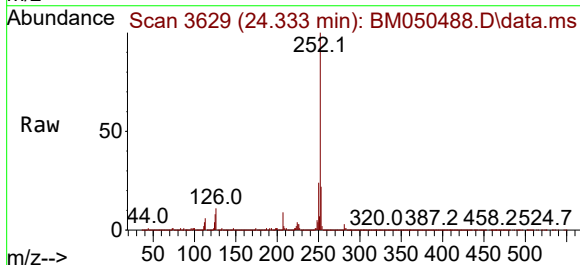
Tgt Ion:252 Resp: 7558280

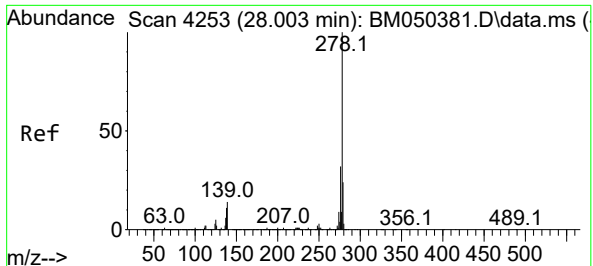
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 8.4 7.0 10.4

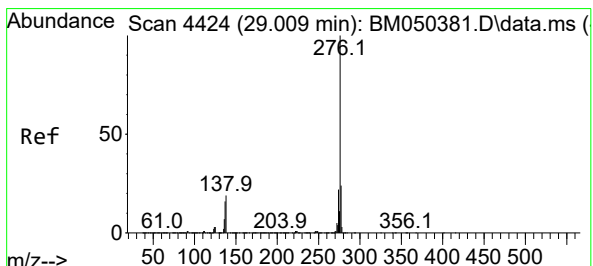
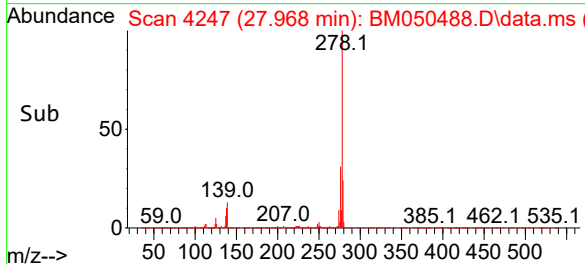
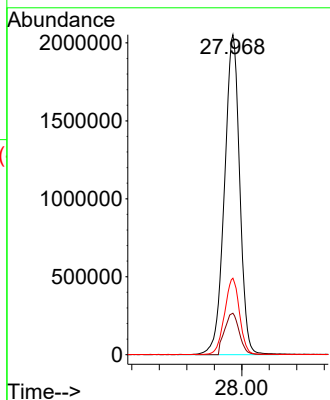
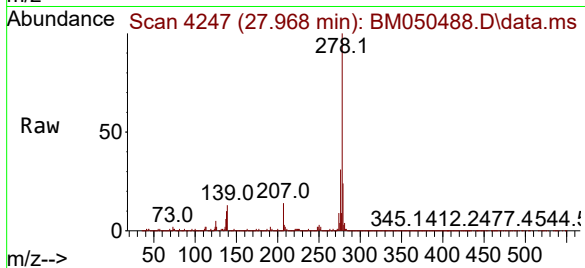




#91
Dibenzo(a,h)anthracene
Concen: 40.284 ng
RT: 27.968 min Scan# 4119
Delta R.T. 0.024 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

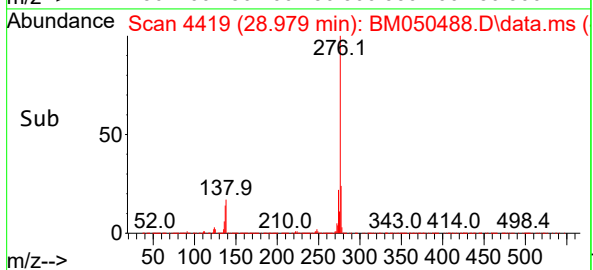
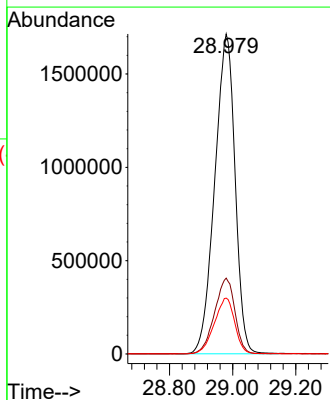
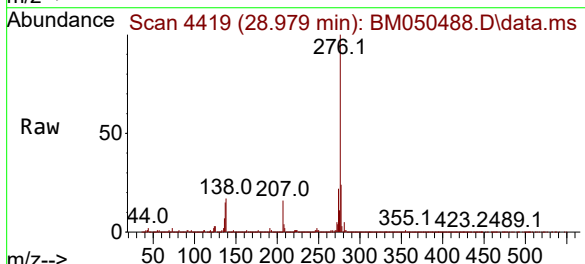
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7896753
Ion Ratio Lower Upper
278 100
139 13.0 10.8 16.2
279 23.9 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 41.216 ng
RT: 28.979 min Scan# 4419
Delta R.T. 0.035 min
Lab File: BM050488.D
Acq: 23 Jul 2025 13:14

Tgt Ion:276 Resp: 7636056
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 17.5 14.9 22.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 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	138	0.00
2	1,4-Dioxane	0.478	0.457	4.4	137	0.00
3	Pyridine	1.254	1.246	0.6	140	0.00
4	n-Nitrosodimethylamine	0.585	0.526	10.1	127	0.00
5 S	2-Fluorophenol	1.162	1.155	0.6	139	0.00
6	Aniline	1.880	1.942	-3.3	143	0.00
7 S	Phenol-d6	1.465	1.499	-2.3	141	0.00
8	2-Chlorophenol	1.225	1.268	-3.5	144	0.00
9	Benzaldehyde	0.871	0.970	-11.4	149	0.00
10 C	Phenol	1.528	1.538	-0.7	141	0.00
11	bis(2-Chloroethyl)ether	1.223	1.205	1.5	139	0.00
12	1,3-Dichlorobenzene	1.490	1.467	1.5	140	0.00
13 C	1,4-Dichlorobenzene	1.521	1.490	2.0	141	0.00
14	1,2-Dichlorobenzene	1.456	1.433	1.6	140	0.00
15	Benzyl Alcohol	1.032	1.103	-6.9	149	0.00
16	2,2'-oxybis(1-Chloropropane	1.802	1.689	6.3	133	0.00
17	2-Methylphenol	0.991	1.031	-4.0	144	0.00
18	Hexachloroethane	0.535	0.524	2.1	139	0.00
19 P	n-Nitroso-di-n-propylamine	0.887	0.944	-6.4	143	0.00
20	3+4-Methylphenols	1.330	1.401	-5.3	146	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	140	0.00
22	Acetophenone	0.500	0.489	2.2	139	0.00
23 S	Nitrobenzene-d5	0.392	0.396	-1.0	141	0.00
24	Nitrobenzene	0.350	0.345	1.4	140	0.00
25	Isophorone	0.636	0.679	-6.8	149	0.00
26 C	2-Nitrophenol	0.143	0.171	-19.6	163#	0.00
27	2,4-Dimethylphenol	0.303	0.313	-3.3	147	0.00
28	bis(2-Chloroethoxy)methane	0.422	0.421	0.2	141	0.00
29 C	2,4-Dichlorophenol	0.312	0.333	-6.7	149	0.00
30	1,2,4-Trichlorobenzene	0.373	0.376	-0.8	145	0.00
31	Naphthalene	1.016	0.999	1.7	141	0.00
32	Benzoic acid	0.165	0.236	-43.0#	201#	0.01
33	4-Chloroaniline	0.429	0.451	-5.1	147	0.00
34 C	Hexachlorobutadiene	0.228	0.231	-1.3	146	0.00
35	Caprolactam	0.085	0.104	-22.4	167#	0.00
36 C	4-Chloro-3-methylphenol	0.291	0.318	-9.3	151#	0.01
37	2-Methylnaphthalene	0.641	0.668	-4.2	147	0.00
38	1-Methylnaphthalene	0.679	0.704	-3.7	146	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	147	0.00
40	1,2,4,5-Tetrachlorobenzene	0.636	0.641	-0.8	151#	0.00
41 P	Hexachlorocyclopentadiene	0.407	0.385	5.4	143	0.00
42 S	2,4,6-Tribromophenol	0.243	0.291	-19.8	172#	0.00
43 C	2,4,6-Trichlorophenol	0.391	0.428	-9.5	159#	0.00
44	2,4,5-Trichlorophenol	0.428	0.472	-10.3	161#	0.00
45 S	2-Fluorobiphenyl	1.620	1.584	2.2	146	0.00
46	1,1'-Biphenyl	1.484	1.451	2.2	148	0.00
47	2-Chloronaphthalene	1.183	1.151	2.7	147	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 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	0.264	0.289	-9.5	152#	0.00
49	Acenaphthylene	1.788	1.805	-1.0	149	0.00
50	Dimethylphthalate	1.377	1.406	-2.1	152#	0.00
51	2,6-Dinitrotoluene	0.264	0.298	-12.9	160#	0.00
52 C	Acenaphthene	1.137	1.141	-0.4	151#	0.00
53	3-Nitroaniline	0.281	0.315	-12.1	157#	0.00
54 P	2,4-Dinitrophenol	0.121	0.158	-30.6#	198#	0.00
55	Dibenzofuran	1.751	1.719	1.8	147	0.00
56 P	4-Nitrophenol	0.242	0.265	-9.5	159#	0.01
57	2,4-Dinitrotoluene	0.350	0.416	-18.9	164#	0.00
58	Fluorene	1.443	1.440	0.2	149	0.00
59	2,3,4,6-Tetrachlorophenol	0.360	0.408	-13.3	164#	0.00
60	Diethylphthalate	1.315	1.354	-3.0	152#	0.00
61	4-Chlorophenyl-phenylether	0.754	0.756	-0.3	148	0.00
62	4-Nitroaniline	0.288	0.327	-13.5	154#	0.00
63	Azobenzene	1.208	1.187	1.7	144	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	155#	0.00
65	4,6-Dinitro-2-methylphenol	0.095	0.116	-22.1	192#	0.01
66 c	n-Nitrosodiphenylamine	0.626	0.614	1.9	153#	0.00
67	4-Bromophenyl-phenylether	0.220	0.231	-5.0	165#	0.00
68	Hexachlorobenzene	0.260	0.268	-3.1	162#	0.00
69	Atrazine	0.206	0.223	-8.3	164#	0.00
70 C	Pentachlorophenol	0.162	0.178	-9.9	172#	0.01
71	Phenanthrene	1.132	1.098	3.0	155#	0.00
72	Anthracene	1.127	1.132	-0.4	158#	0.00
73	Carbazole	1.019	1.029	-1.0	158#	0.01
74	Di-n-butylphthalate	1.116	1.196	-7.2	163#	0.00
75 C	Fluoranthene	1.230	1.298	-5.5	164#	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	157#	0.01
77	Benzydine	0.510	0.744	-45.9#	212#	0.00
78	Pyrene	1.281	1.274	0.5	159#	0.01
79 S	Terphenyl-d14	1.137	1.037	8.8	129	0.00
80	Butylbenzylphthalate	0.422	0.518	-22.7	185#	0.00
81	Benzo(a)anthracene	1.303	1.319	-1.2	162#	0.01
82	3,3'-Dichlorobenzidine	0.439	0.521	-18.7	191#	0.01
83	Chrysene	1.229	1.218	0.9	158#	0.00
84	Bis(2-ethylhexyl)phthalate	0.670	0.773	-15.4	172#	0.01
85 c	Di-n-octyl phthalate	1.050	1.345	-28.1#	200#	0.01
86 I	Perylene-d12	1.000	1.000	0.0	178#	0.02
87	Indeno(1,2,3-cd)pyrene	1.422	1.462	-2.8	184#	0.03
88	Benzo(b)fluoranthene	1.230	1.205	2.0	174#	0.01
89	Benzo(k)fluoranthene	1.276	1.174	8.0	165#	0.01
90 C	Benzo(a)pyrene	1.152	1.154	-0.2	177#	0.02
91	Dibenzo(a,h)anthracene	1.198	1.206	-0.7	180#	0.02
92	Benzo(g,h,i)perylene	1.132	1.166	-3.0	185#	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050488.D
Acq On : 23 Jul 2025 13:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 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_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
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Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 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	138	0.00
2	1,4-Dioxane	40.000	38.254	4.4	137	0.00
3	Pyridine	40.000	39.731	0.7	140	0.00
4	n-Nitrosodimethylamine	40.000	35.960	10.1	127	0.00
5 S	2-Fluorophenol	80.000	79.501	0.6	139	0.00
6	Aniline	40.000	41.320	-3.3	143	0.00
7 S	Phenol-d6	80.000	81.901	-2.4	141	0.00
8	2-Chlorophenol	40.000	41.387	-3.5	144	0.00
9	Benzaldehyde	40.000	44.554	-11.4	149	0.00
10 C	Phenol	40.000	40.266	-0.7	141	0.00
11	bis(2-Chloroethyl)ether	40.000	39.410	1.5	139	0.00
12	1,3-Dichlorobenzene	40.000	39.386	1.5	140	0.00
13 C	1,4-Dichlorobenzene	40.000	39.181	2.0	141	0.00
14	1,2-Dichlorobenzene	40.000	39.362	1.6	140	0.00
15	Benzyl Alcohol	40.000	42.755	-6.9	149	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.486	6.3	133	0.00
17	2-Methylphenol	40.000	41.606	-4.0	144	0.00
18	Hexachloroethane	40.000	39.156	2.1	139	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.563	-6.4	143	0.00
20	3+4-Methylphenols	40.000	42.131	-5.3	146	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	140	0.00
22	Acetophenone	40.000	39.144	2.1	139	0.00
23 S	Nitrobenzene-d5	80.000	80.737	-0.9	141	0.00
24	Nitrobenzene	40.000	39.446	1.4	140	0.00
25	Isophorone	40.000	42.697	-6.7	149	0.00
26 C	2-Nitrophenol	40.000	47.979	-19.9	163	0.00
27	2,4-Dimethylphenol	40.000	41.327	-3.3	147	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.914	0.2	141	0.00
29 C	2,4-Dichlorophenol	40.000	42.727	-6.8	149	0.00
30	1,2,4-Trichlorobenzene	40.000	40.370	-0.9	145	0.00
31	Naphthalene	40.000	39.345	1.6	141	0.00
32	Benzoic acid	40.000	50.347	-25.9#	201	0.01
33	4-Chloroaniline	40.000	42.048	-5.1	147	0.00
34 C	Hexachlorobutadiene	40.000	40.602	-1.5	146	0.00
35	Caprolactam	40.000	48.795	-22.0	167	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.748	-9.4	151	0.01
37	2-Methylnaphthalene	40.000	41.640	-4.1	147	0.00
38	1-Methylnaphthalene	40.000	41.485	-3.7	146	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	147	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.292	-0.7	151	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.906	5.2	143	0.00
42 S	2,4,6-Tribromophenol	80.000	95.785	-19.7	172	0.00
43 C	2,4,6-Trichlorophenol	40.000	43.762	-9.4	159	0.00
44	2,4,5-Trichlorophenol	40.000	44.153	-10.4	161	0.00
45 S	2-Fluorobiphenyl	80.000	78.238	2.2	146	0.00
46	1,1'-Biphenyl	40.000	39.120	2.2	148	0.00
47	2-Chloronaphthalene	40.000	38.910	2.7	147	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050488.D
 Acq On : 23 Jul 2025 13:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	43.806	-9.5	152	0.00
49	Acenaphthylene	40.000	40.370	-0.9	149	0.00
50	Dimethylphthalate	40.000	40.836	-2.1	152	0.00
51	2,6-Dinitrotoluene	40.000	45.097	-12.7	160	0.00
52 C	Acenaphthene	40.000	40.158	-0.4	151	0.00
53	3-Nitroaniline	40.000	44.817	-12.0	157	0.00
54 P	2,4-Dinitrophenol	40.000	46.194	-15.5	198	0.00
55	Dibenzofuran	40.000	39.264	1.8	147	0.00
56 P	4-Nitrophenol	40.000	43.907	-9.8	159	0.01
57	2,4-Dinitrotoluene	40.000	42.370	-5.9	164	0.00
58	Fluorene	40.000	39.924	0.2	149	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.303	-13.3	164	0.00
60	Diethylphthalate	40.000	41.177	-2.9	152	0.00
61	4-Chlorophenyl-phenylether	40.000	40.083	-0.2	148	0.00
62	4-Nitroaniline	40.000	40.874	-2.2	154	0.00
63	Azobenzene	40.000	39.319	1.7	144	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	155	0.00
65	4,6-Dinitro-2-methylphenol	40.000	43.709	-9.3	192	0.01
66 c	n-Nitrosodiphenylamine	40.000	39.258	1.9	153	0.00
67	4-Bromophenyl-phenylether	40.000	41.972	-4.9	165	0.00
68	Hexachlorobenzene	40.000	41.179	-2.9	162	0.00
69	Atrazine	40.000	43.371	-8.4	164	0.00
70 C	Pentachlorophenol	40.000	43.998	-10.0	172	0.01
71	Phenanthrene	40.000	38.814	3.0	155	0.00
72	Anthracene	40.000	40.195	-0.5	158	0.00
73	Carbazole	40.000	40.392	-1.0	158	0.01
74	Di-n-butylphthalate	40.000	42.868	-7.2	163	0.00
75 C	Fluoranthene	40.000	42.202	-5.5	164	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	157	0.01
77	Benzydine	40.000	58.375	-45.9#	212	0.00
78	Pyrene	40.000	39.792	0.5	159	0.01
79 S	Terphenyl-d14	80.000	72.969	8.8	129	0.00
80	Butylbenzylphthalate	40.000	49.099	-22.7	185	0.00
81	Benzo(a)anthracene	40.000	40.477	-1.2	162	0.01
82	3,3'-Dichlorobenzidine	40.000	47.438	-18.6	191	0.01
83	Chrysene	40.000	39.635	0.9	158	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	46.142	-15.4	172	0.01
85 c	Di-n-octyl phthalate	40.000	51.226	-28.1#	200	0.01
86 I	Perylene-d12	20.000	20.000	0.0	178	0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.116	-2.8	184	0.03
88	Benzo(b)fluoranthene	40.000	39.187	2.0	174	0.01
89	Benzo(k)fluoranthene	40.000	36.789	8.0	165	0.01
90 C	Benzo(a)pyrene	40.000	40.096	-0.2	177	0.02
91	Dibenzo(a,h)anthracene	40.000	40.284	-0.7	180	0.02
92	Benzo(g,h,i)perylene	40.000	41.216	-3.0	185	0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050488.D
Acq On : 23 Jul 2025 13:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 23 14:46:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range

SPCC's out = 0 CCC's out = 1



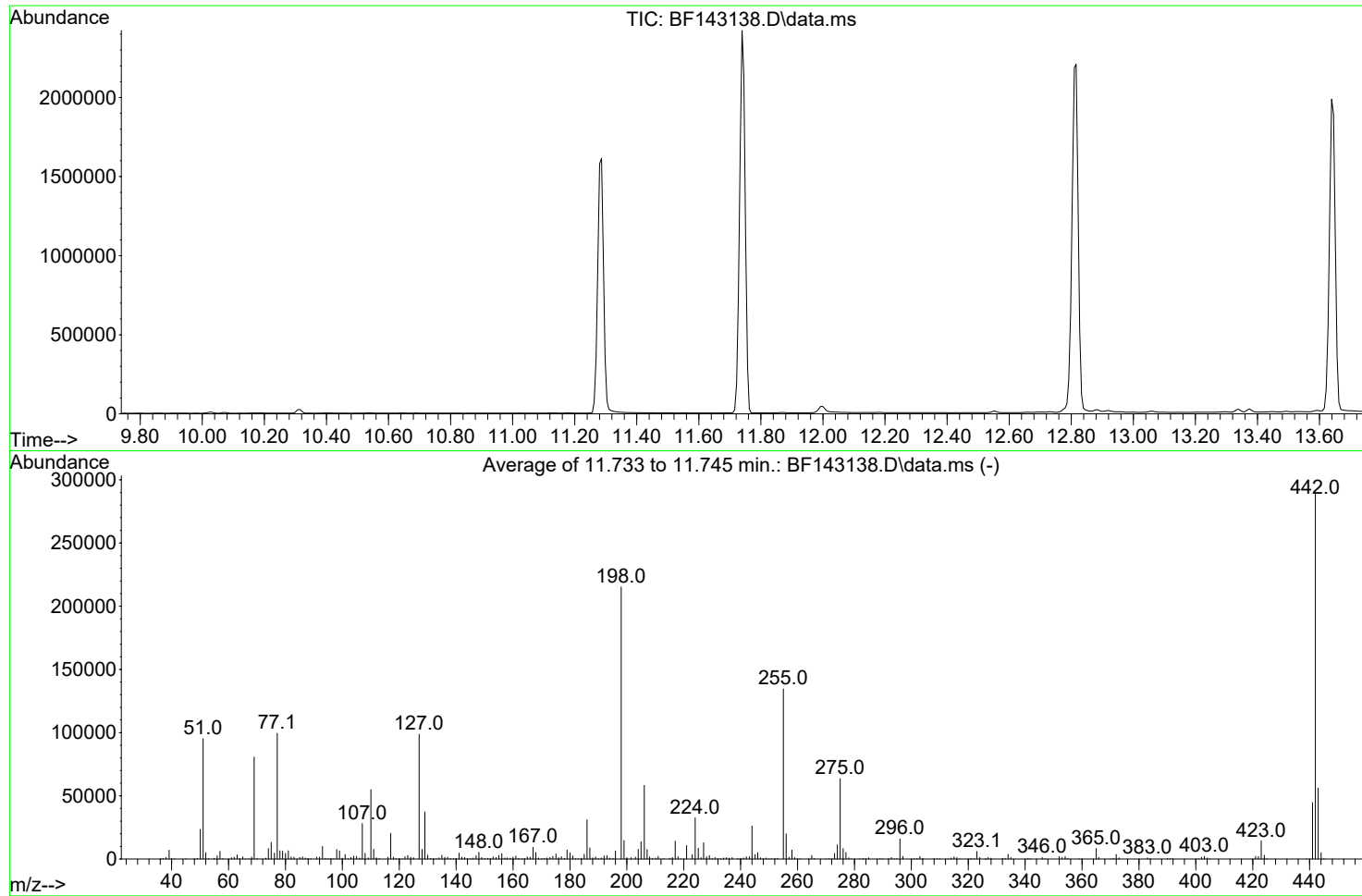
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	1515	PASS
69	69	100	100	100.0	80680	PASS
70	69	0.00	2	0.5	430	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	215296	PASS
199	198	5	9	6.8	14617	PASS
365	198	1	100	3.8	8287	PASS
441	443	0.01	150	79.6	44723	PASS
442	442	100	100	100.0	288853	PASS
443	442	15	24	19.5	56203	PASS

DDT Breakdown

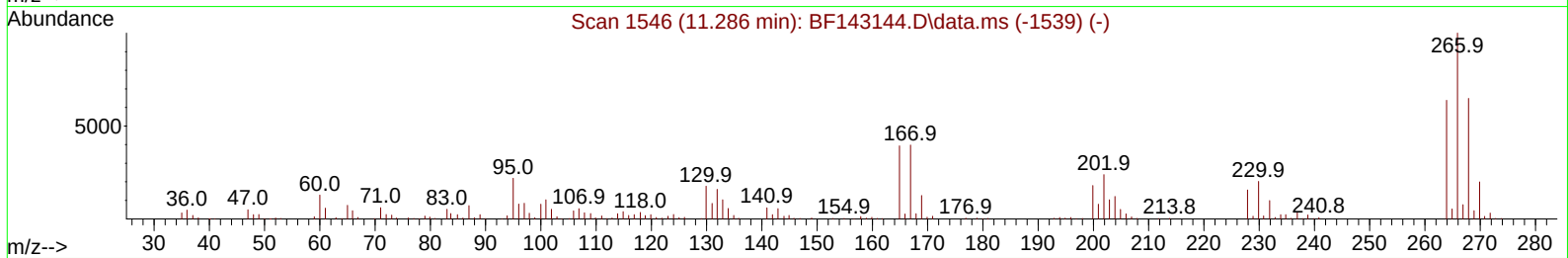
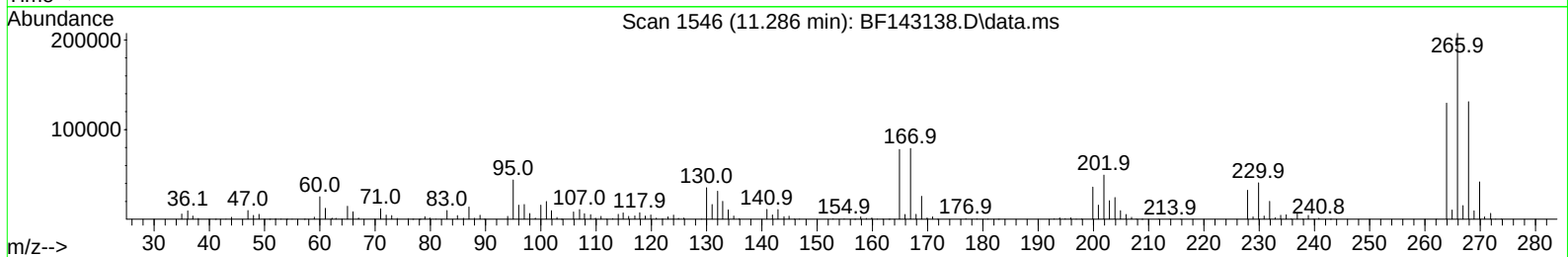
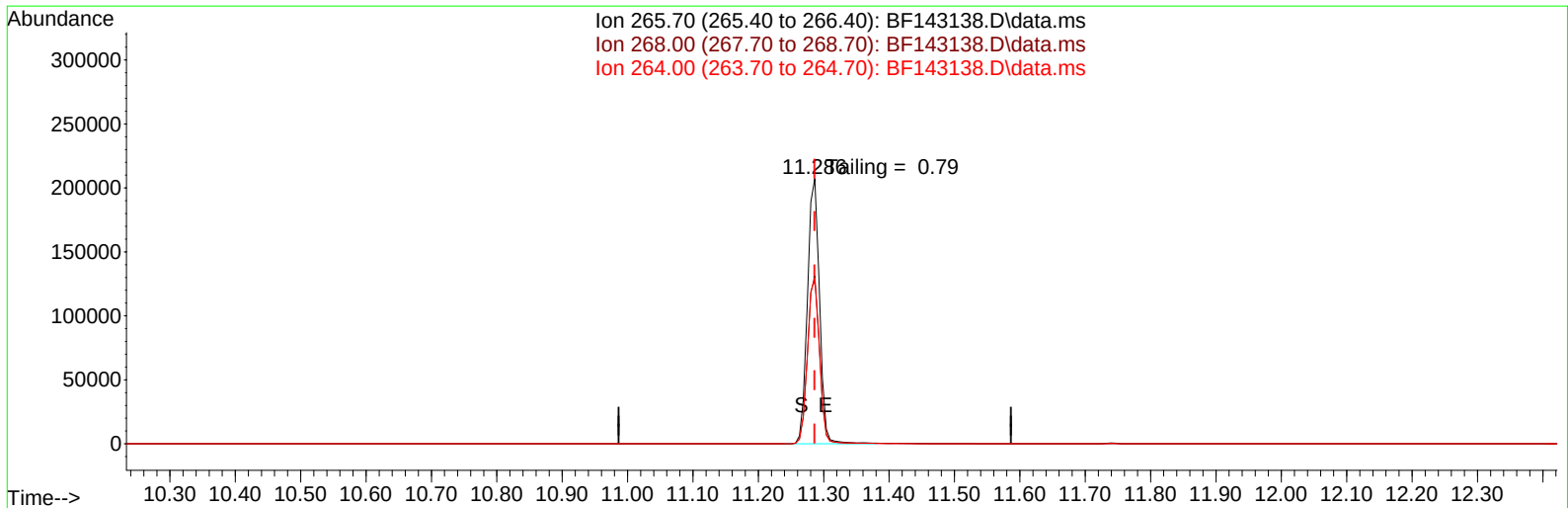
Date	Instrument Name	DFTPP Data File
7/17/2025	BNA_F	<u>BF143138.D</u>
Compound Name	Response	Retention Time
DDT	490244	13.639
DDD	9488	13.339
DDE	328	13.004
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
9816	500060	1.96

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143138.D\data.ms

(70) Pentachlorophenol (C)

11.286min (+ 0.000) 29509.64 ng

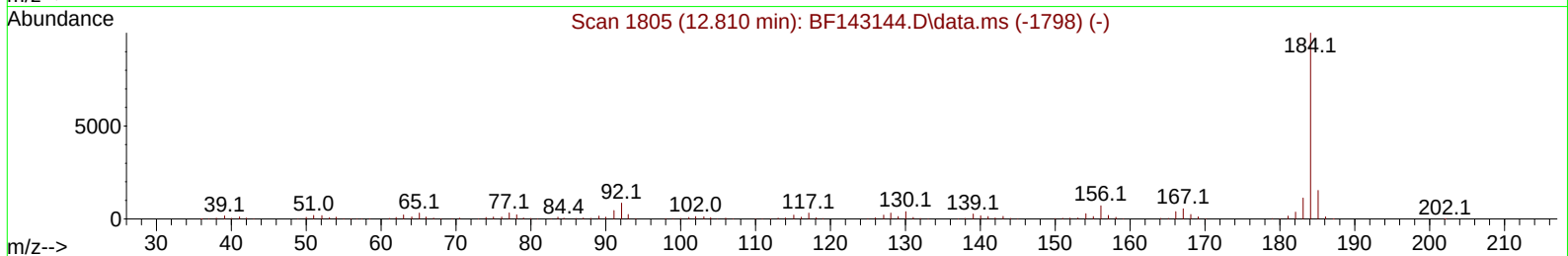
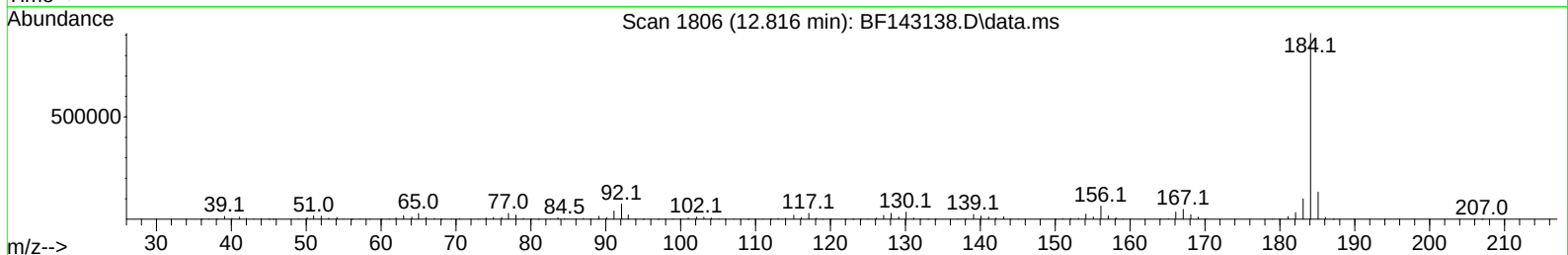
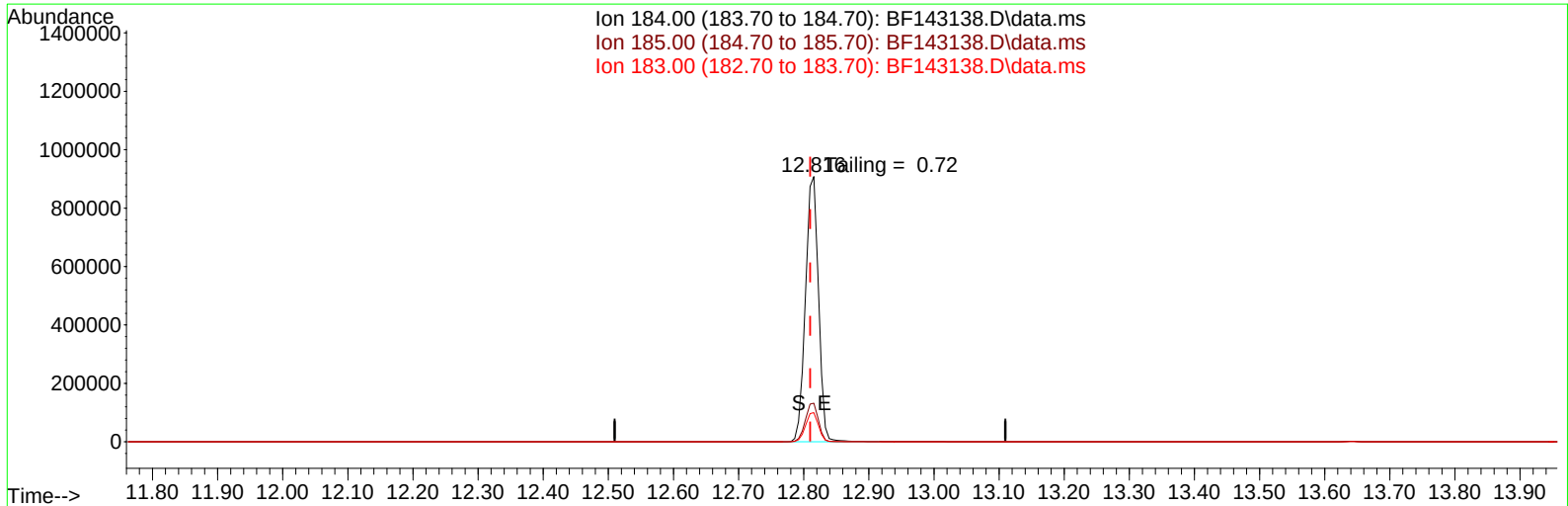
response 268044

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.24
264.00	63.80	62.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143138.D
Acq On : 17 Jul 2025 09:58
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 17 16:32:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143138.D\data.ms

(77) Benzidine

12.816min (+ 0.006) 0.00 ng

response 1266864

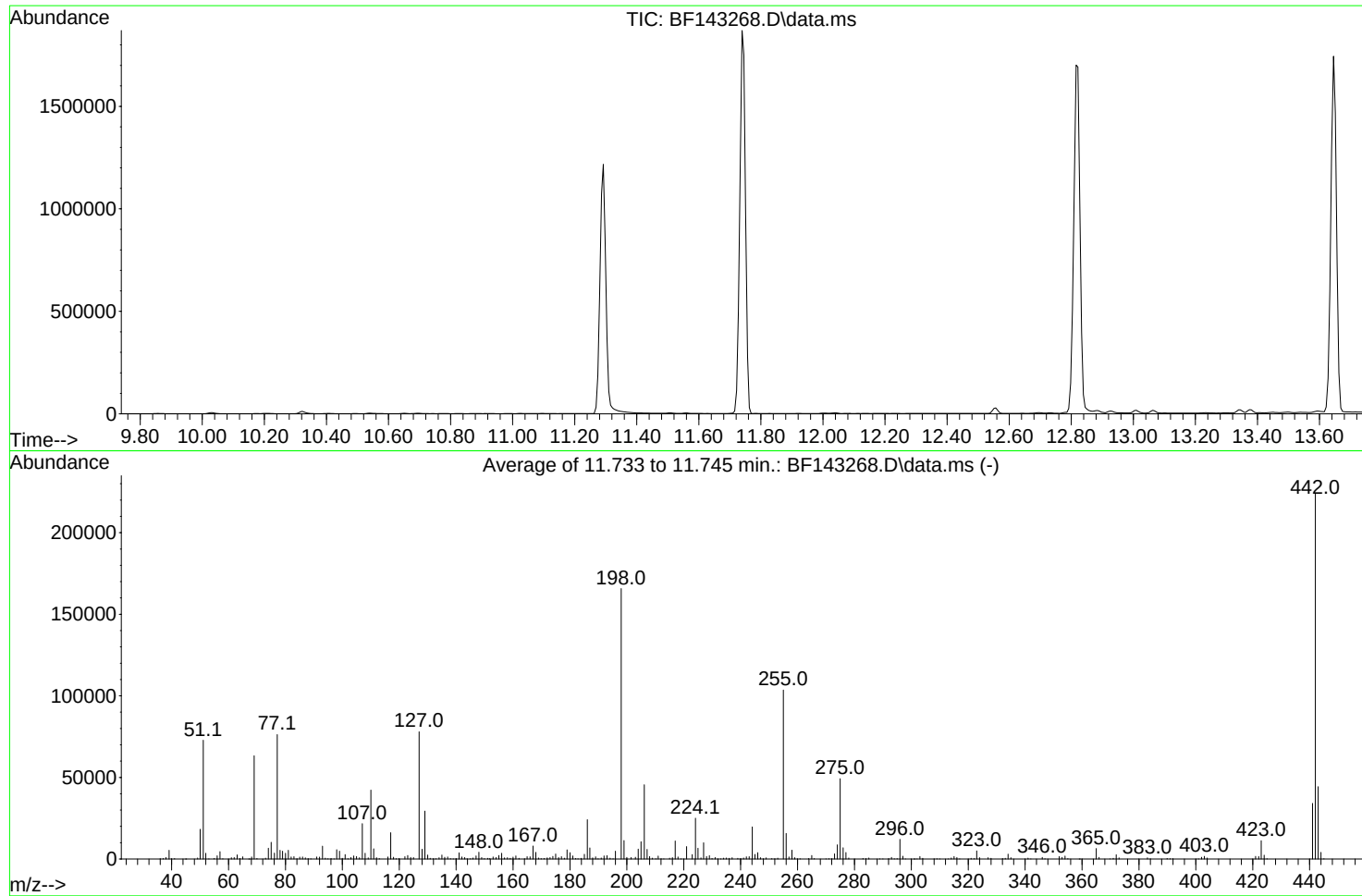
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.57
183.00	11.20	10.98
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143268.D
Acq On : 30 Jul 2025 14:53
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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 15:14:05 2025



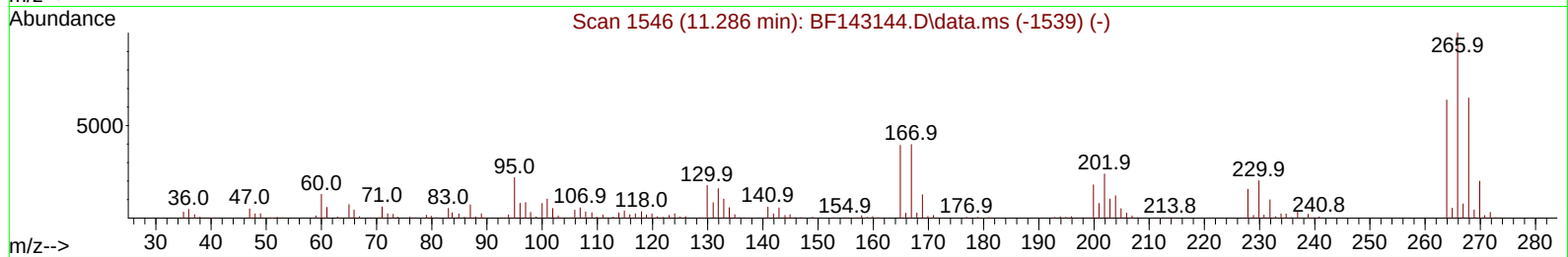
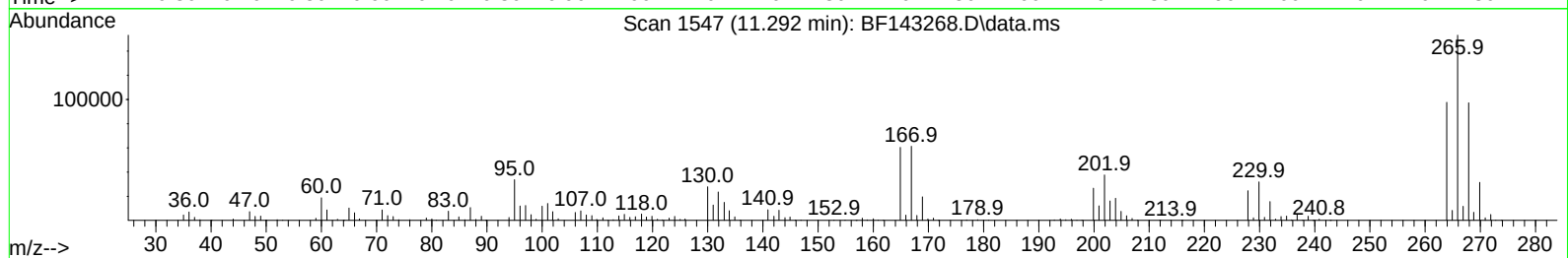
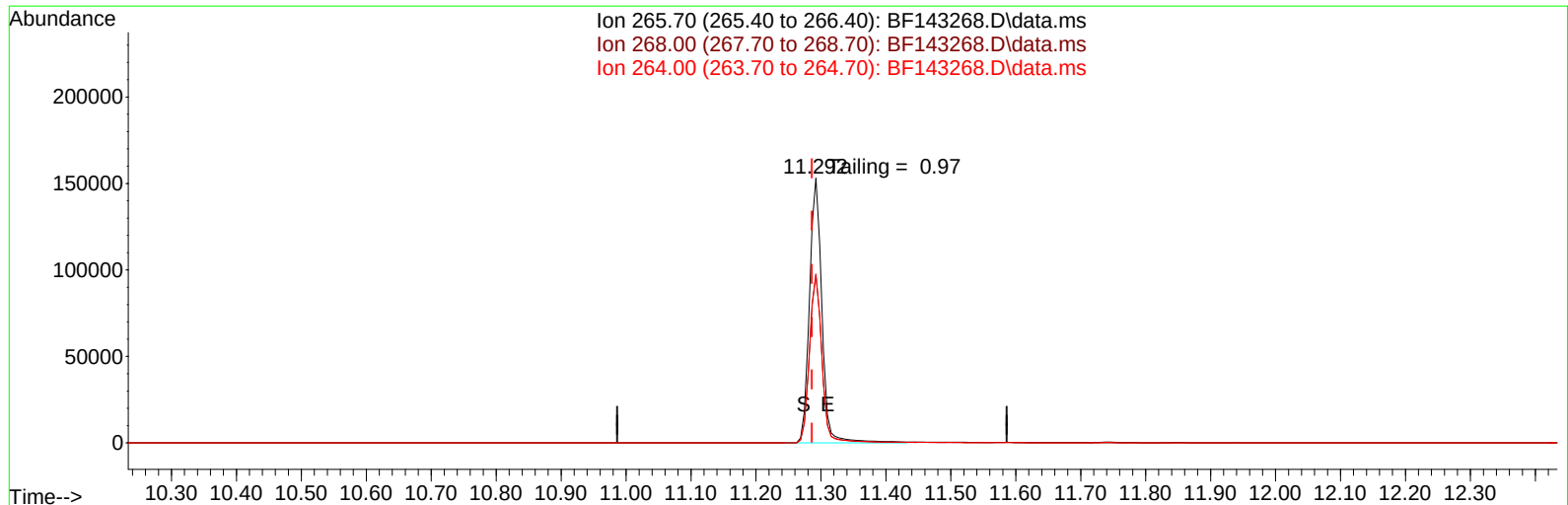
AutoFind: Scans 1622, 1623, 1624; Background Corrected with Scan 1616

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	1248	PASS
69	69	100	100	100.0	63325	PASS
70	69	0.00	2	0.6	350	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	165715	PASS
199	198	5	9	6.8	11319	PASS
365	198	1	100	3.9	6438	PASS
441	443	0.01	150	76.8	34077	PASS
442	442	100	100	100.0	223747	PASS
443	442	15	24	19.8	44365	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143268.D
Acq On : 30 Jul 2025 14:53
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 30 15:27:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143268.D\data.ms

(70) Pentachlorophenol (C)

11.292min (+ 0.006) 27370.33 ng

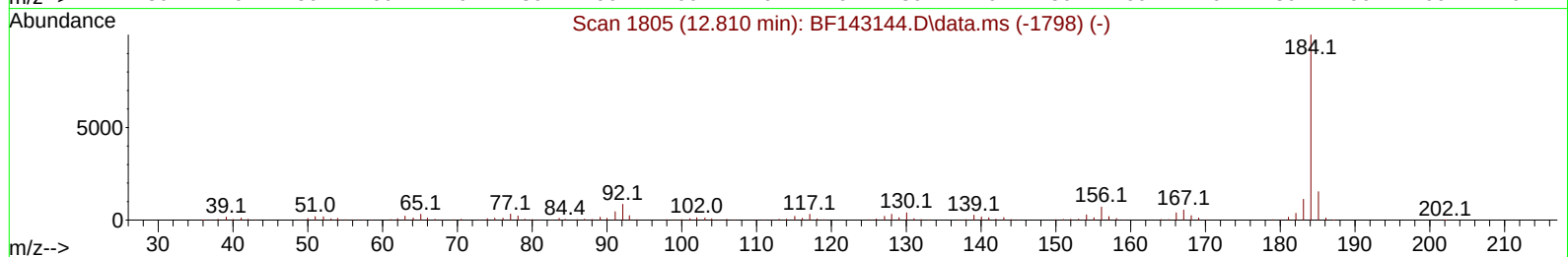
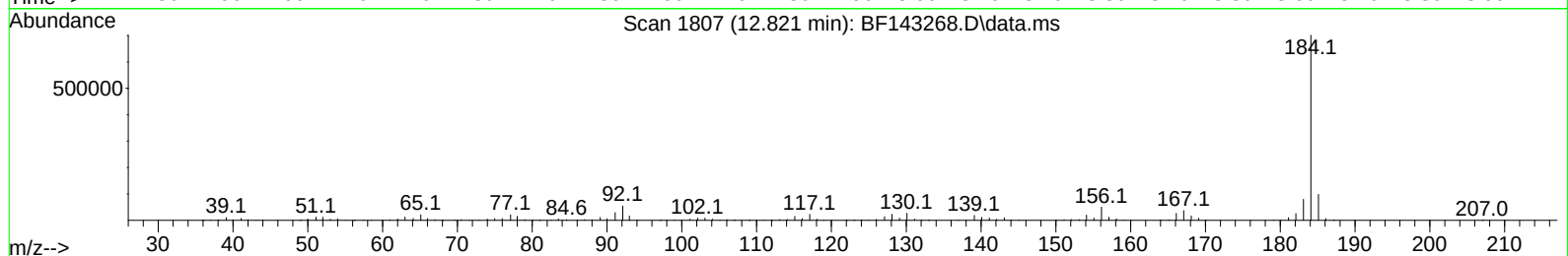
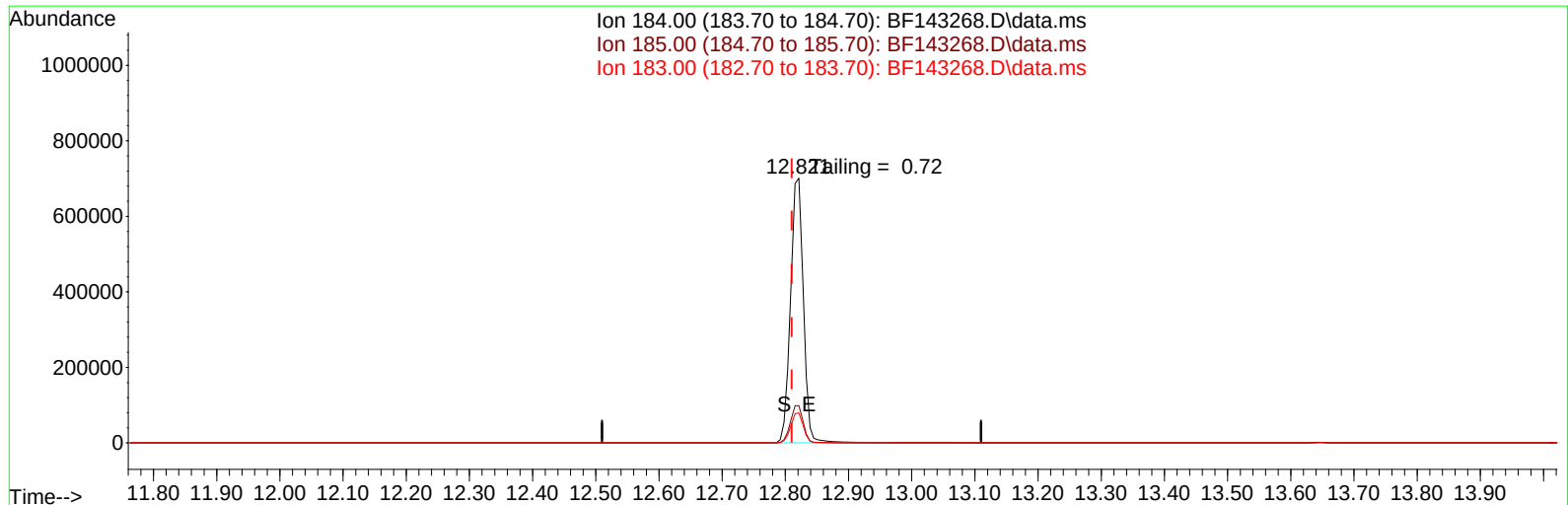
response 204704

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.90	63.57
264.00	63.80	63.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143268.D
Acq On : 30 Jul 2025 14:53
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jul 30 15:27:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



TIC: BF143268.D\data.ms

(77) Benzidine

12.821min (+ 0.011) 0.00 ng

response 999340

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.30	14.07
183.00	11.20	11.34
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/30/2025	BNA_F	<u>BF143268.D</u>
Compound Name	Response	Retention Time
DDT	437079	13.645
DDD	9446	13.345
DDE	3560	13.01
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
13006	450085	2.89

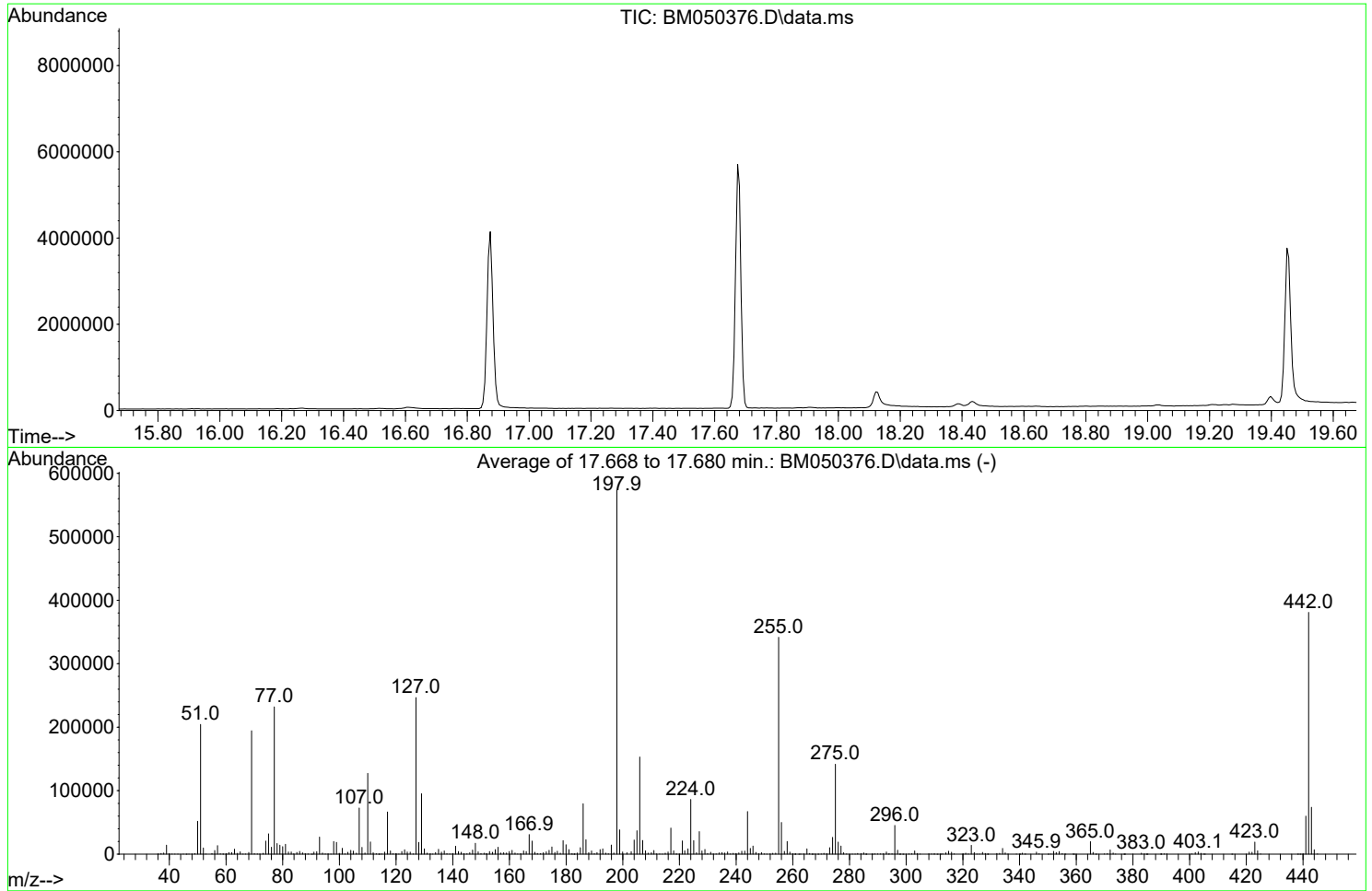
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Jul 08 18:32:25 2025



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	2822	PASS
69	69	100	100	100.0	194463	PASS
70	69	0.00	2	0.5	943	PASS
197	198	0.00	2	0.3	1831	PASS
198	198	100	100	100.0	573141	PASS
199	198	5	9	6.7	38261	PASS
365	198	1	100	3.4	19723	PASS
441	443	0.01	150	81.4	60059	PASS
442	442	100	100	100.0	380992	PASS
443	442	15	24	19.4	73781	PASS

DDT Breakdown

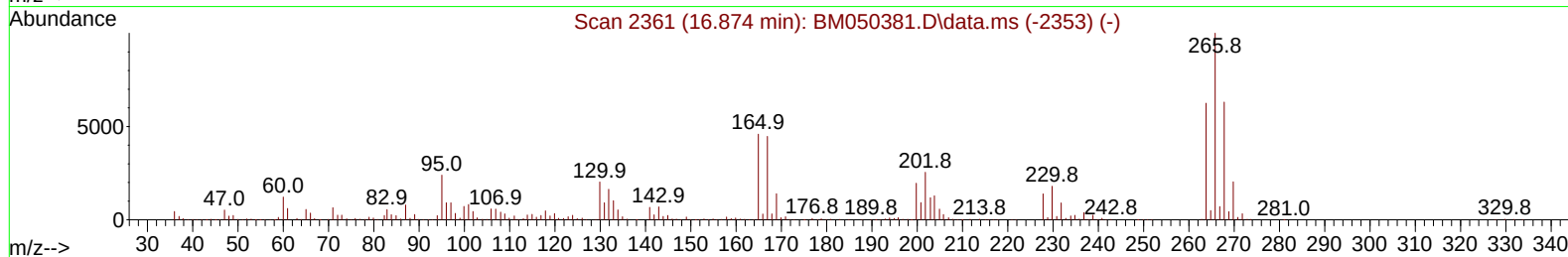
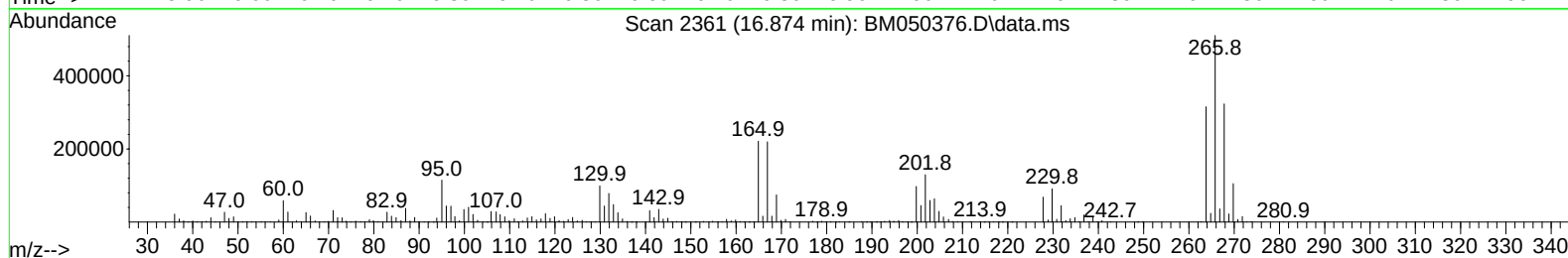
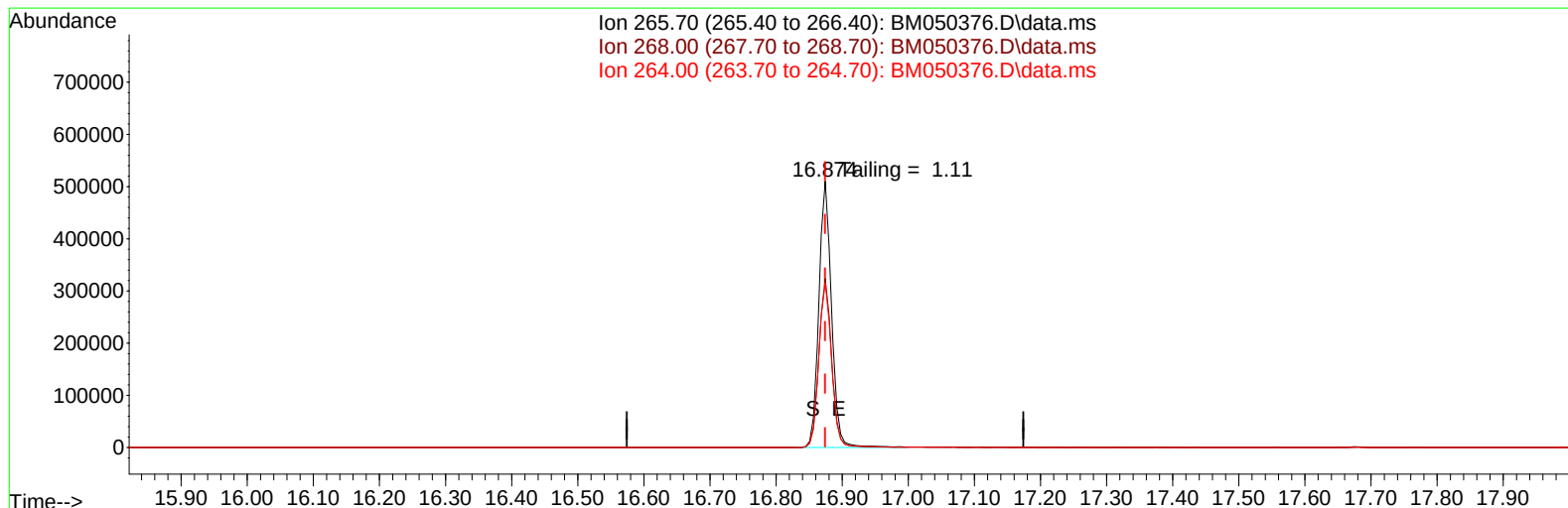
Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_M	<u>BM050376.D</u>
Compound Name	Response	Retention Time
DDT	1842274	20.692
DDD	18107	20.309
DDE	1079	19.75
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
19186	1861460	1.03

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration



TIC: BM050376.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 0.00 ng

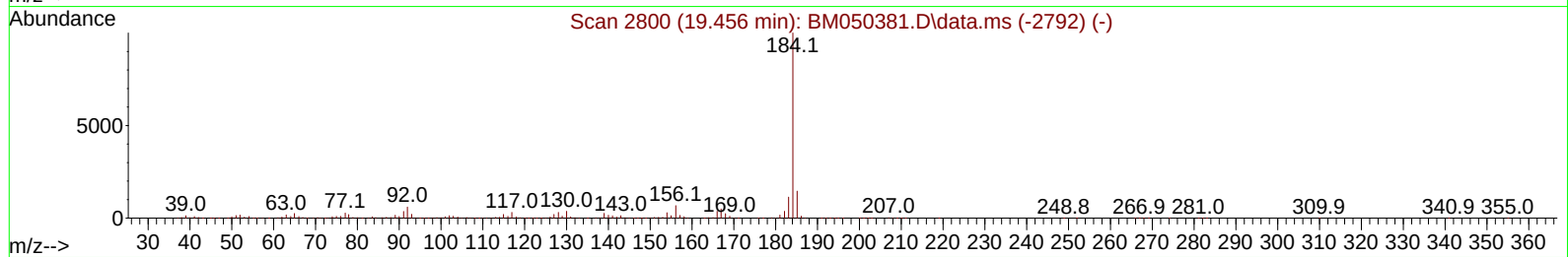
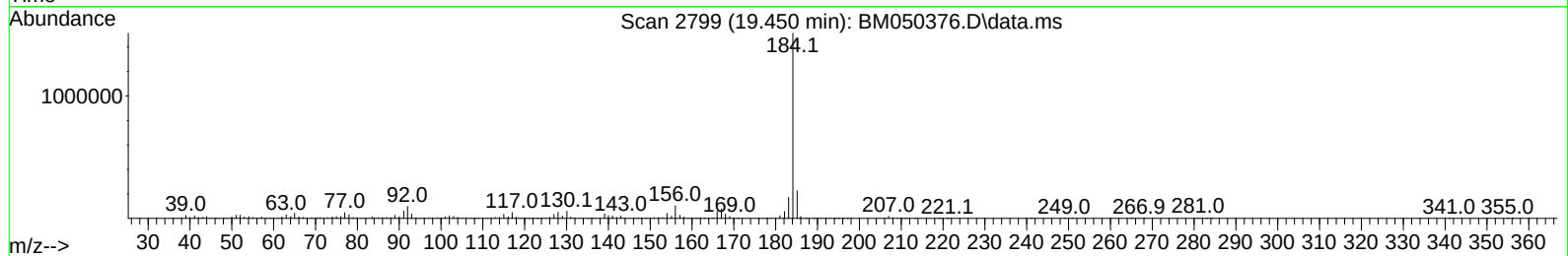
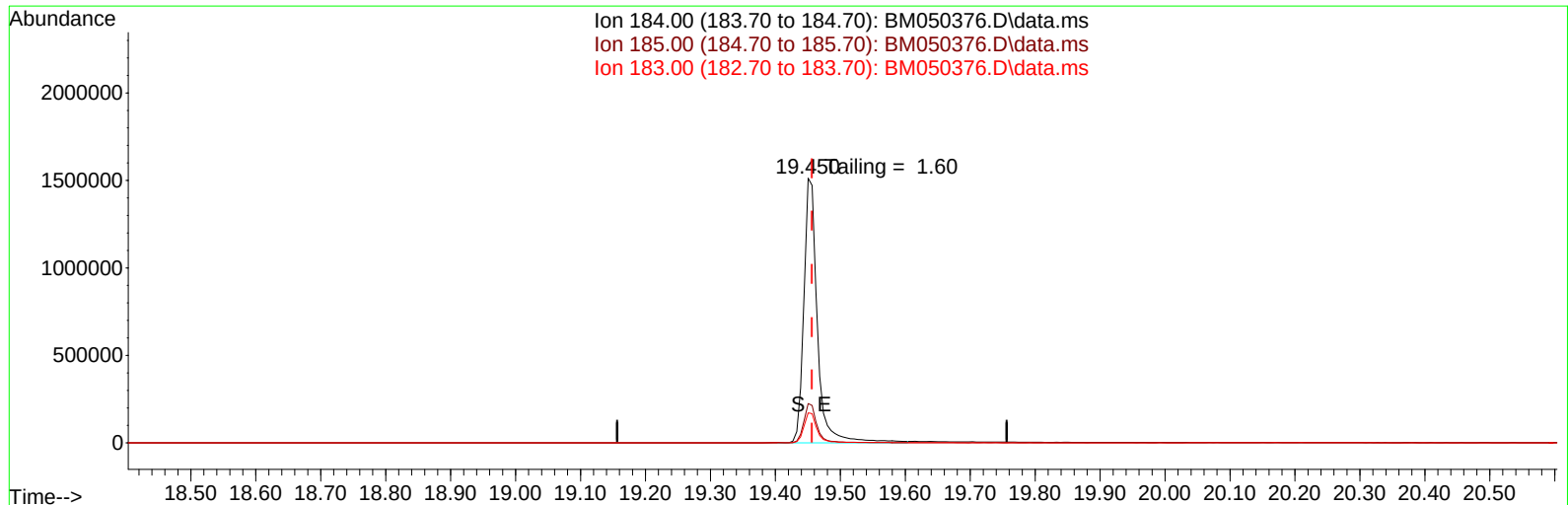
response 680595

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.37
264.00	62.40	61.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration



TIC: BM050376.D\data.ms

(77) Benzidine

19.450min (-0.006) 78341.13 ng

response 2201890

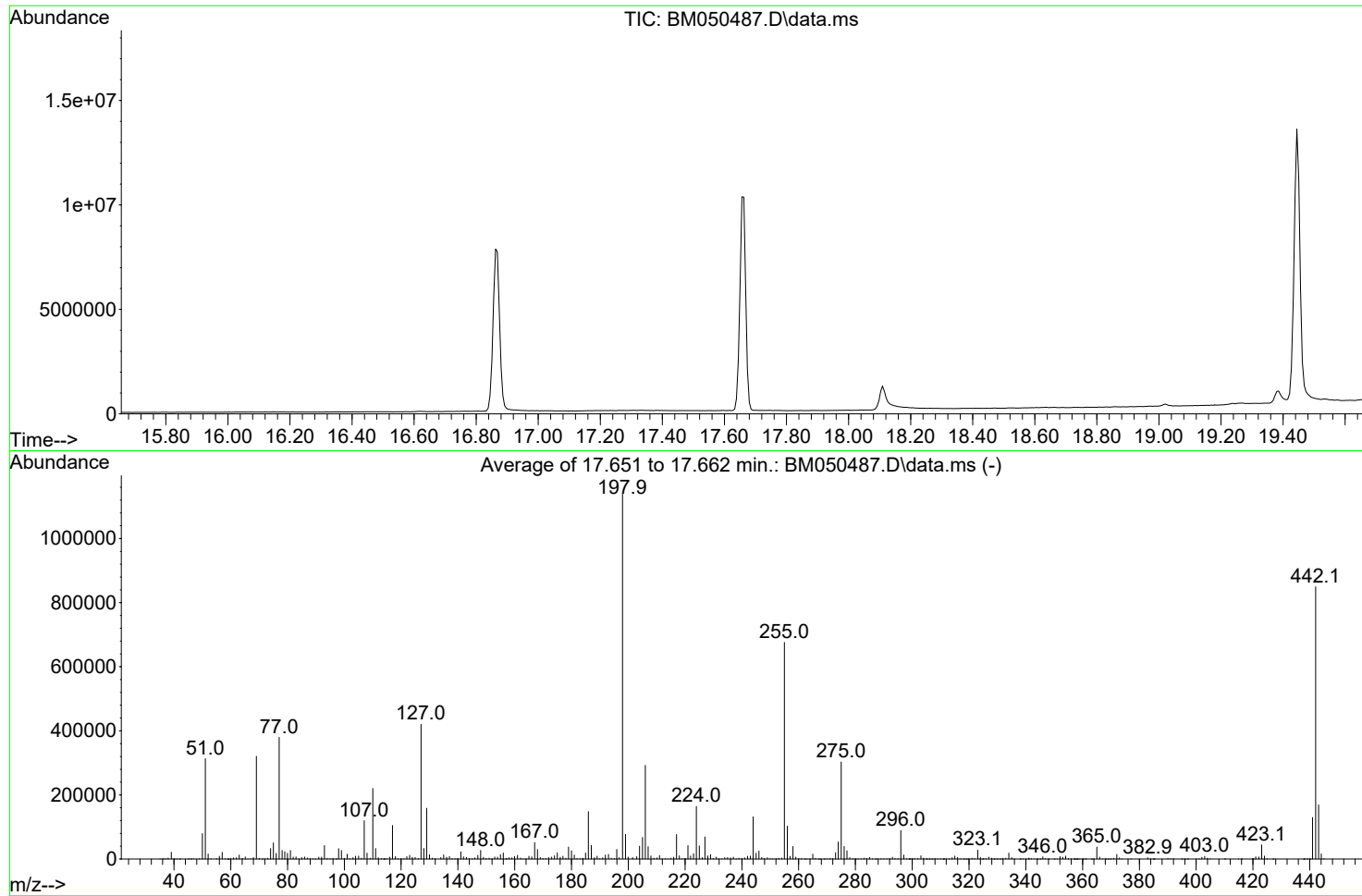
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.87
183.00	11.30	11.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050487.D
Acq On : 23 Jul 2025 12:35
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-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 17 16:20:15 2025



AutoFind: Scans 2493, 2494, 2495; Background Corrected with Scan 2485

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.5	4738	PASS
69	69	100	100	100.0	320226	PASS
70	69	0.00	2	0.6	1841	PASS
197	198	0.00	2	0.4	4668	PASS
198	198	100	100	100.0	1139221	PASS
199	198	5	9	6.8	77010	PASS
365	198	1	100	3.3	37427	PASS
441	443	0.01	150	76.9	129965	PASS
442	442	100	100	100.0	849365	PASS
443	442	15	24	19.9	168944	PASS

DDT Breakdown

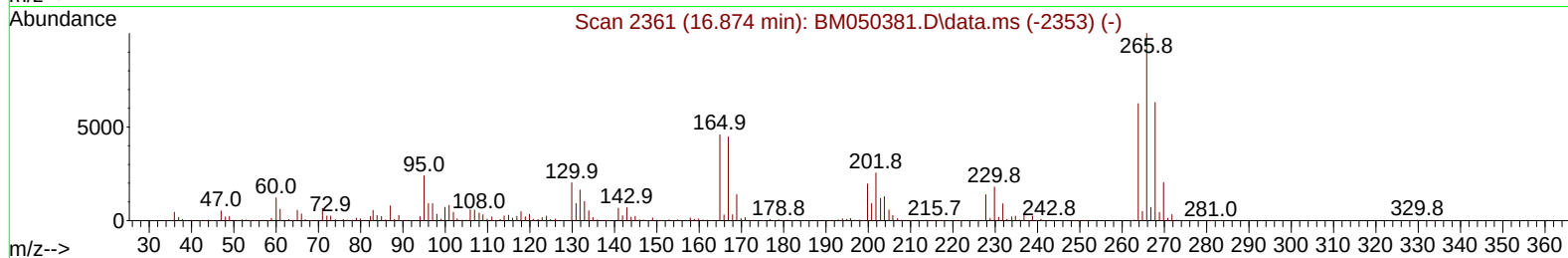
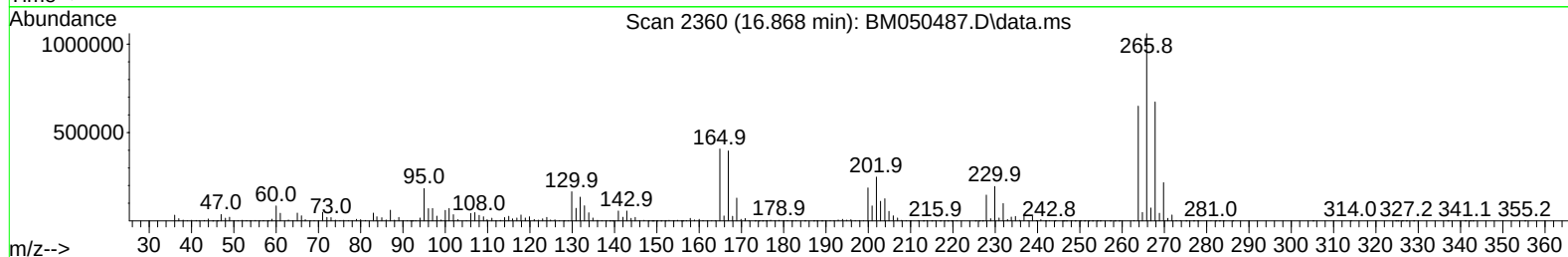
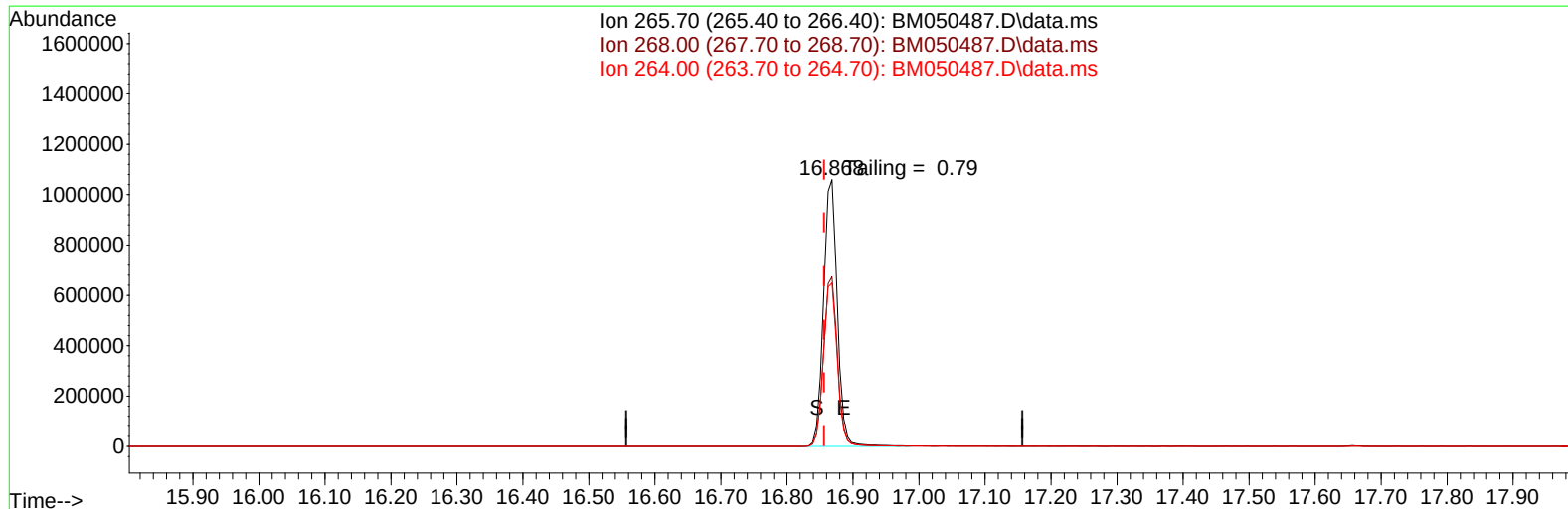
Date	Instrument Name	DFTPP Data File
7/23/2025	BNA_M	<u>BM050487.D</u>
Compound Name	Response	Retention Time
DDT	4070715	20.68
DDD	75522	20.245
DDE	8099	19.739
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
83621	4154336	2.01

Instrument :
BNA_M
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050487.D
Acq On : 23 Jul 2025 12:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 23 14:45:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration



TIC: BM050487.D\data.ms

(70) Pentachlorophenol (C)

16.868min (+ 0.012) 319491.94 ng

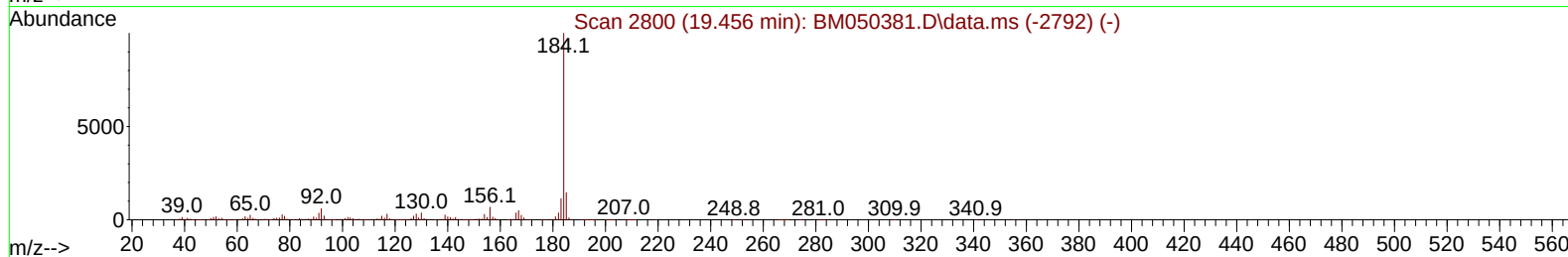
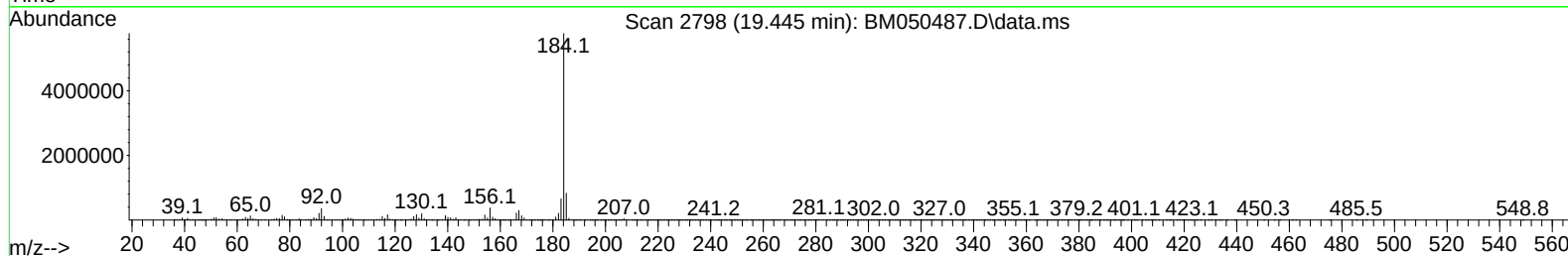
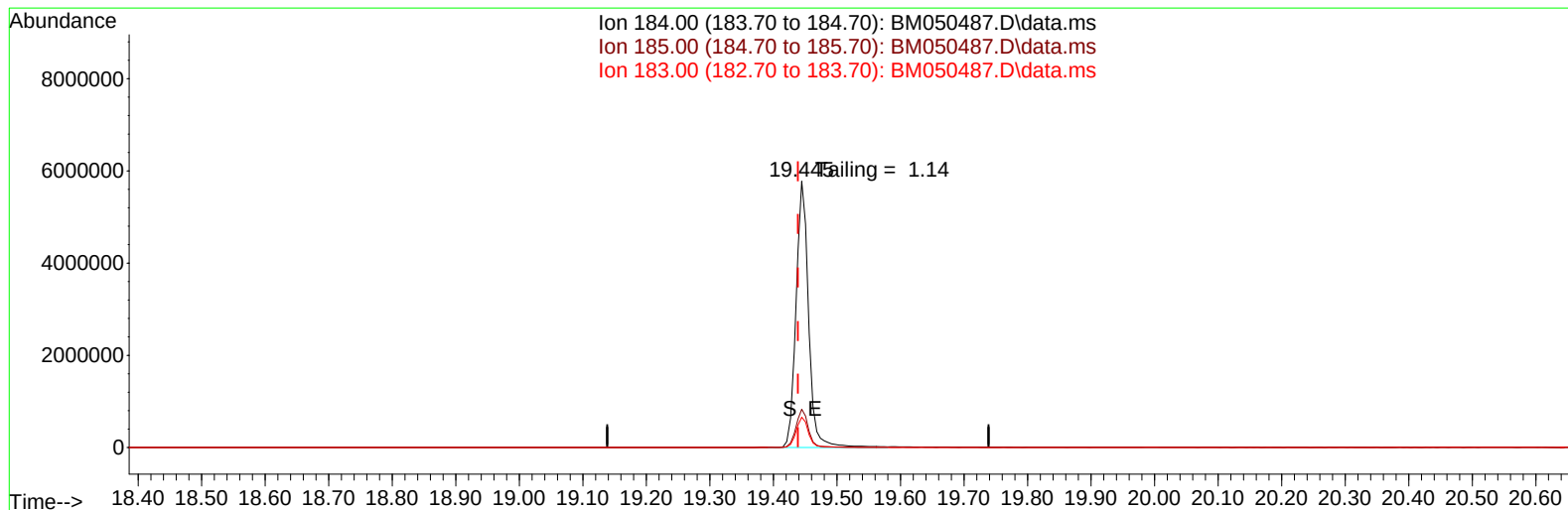
response 1542491

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.54
264.00	62.40	61.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050487.D
Acq On : 23 Jul 2025 12:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 23 14:45:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration



TIC: BM050487.D\data.ms

(77) Benzidine

19.445min (+ 0.006) 2965.50 ng

response 7990741

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.37
183.00	11.30	11.39
0.00	0.00	0.00

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BL	SDG No.:	Q2664
Lab Sample ID:	PB168971BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143270.D	1	07/23/25 09:00	07/30/25 15:52	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Nelson		Date Received:	
Client Sample ID:	PB168971BL		SDG No.:	Q2664
Lab Sample ID:	PB168971BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143270.D	1	07/23/25 09:00	07/30/25 15:52	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	77.6		67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.5		52 - 132	76%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		42 - 152	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	6.963			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BL	SDG No.:	Q2664
Lab Sample ID:	PB168971BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143270.D	1	07/23/25 09:00	07/30/25 15:52	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	399000	8.239			
15067-26-2	Acenaphthene-d10	212000	9.998			
1517-22-2	Phenanthrene-d10	372000	11.486			
1719-03-5	Chrysene-d12	215000	14.121			
1520-96-3	Perylene-d12	214000	15.633			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.60	A		5.22	ug/L
000630-02-4	Octacosane	5.10	J		14.4	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	12.2	J		17.5	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

Quant Time: Jul 30 16:21:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	102425	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	398799	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	212310	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	372104	20.000	ng	0.00
76) Chrysene-d12	14.121	240	214586	20.000	ng	0.00
86) Perylene-d12	15.633	264	214112	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	715294	110.513	ng	0.02
7) Phenol-d6	6.587	99	906510	111.271	ng	0.00
23) Nitrobenzene-d5	7.516	82	620925	77.611	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	267536	121.980	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1172818	75.549	ng	0.00
79) Terphenyl-d14	13.068	244	1158826	80.362	ng	0.00

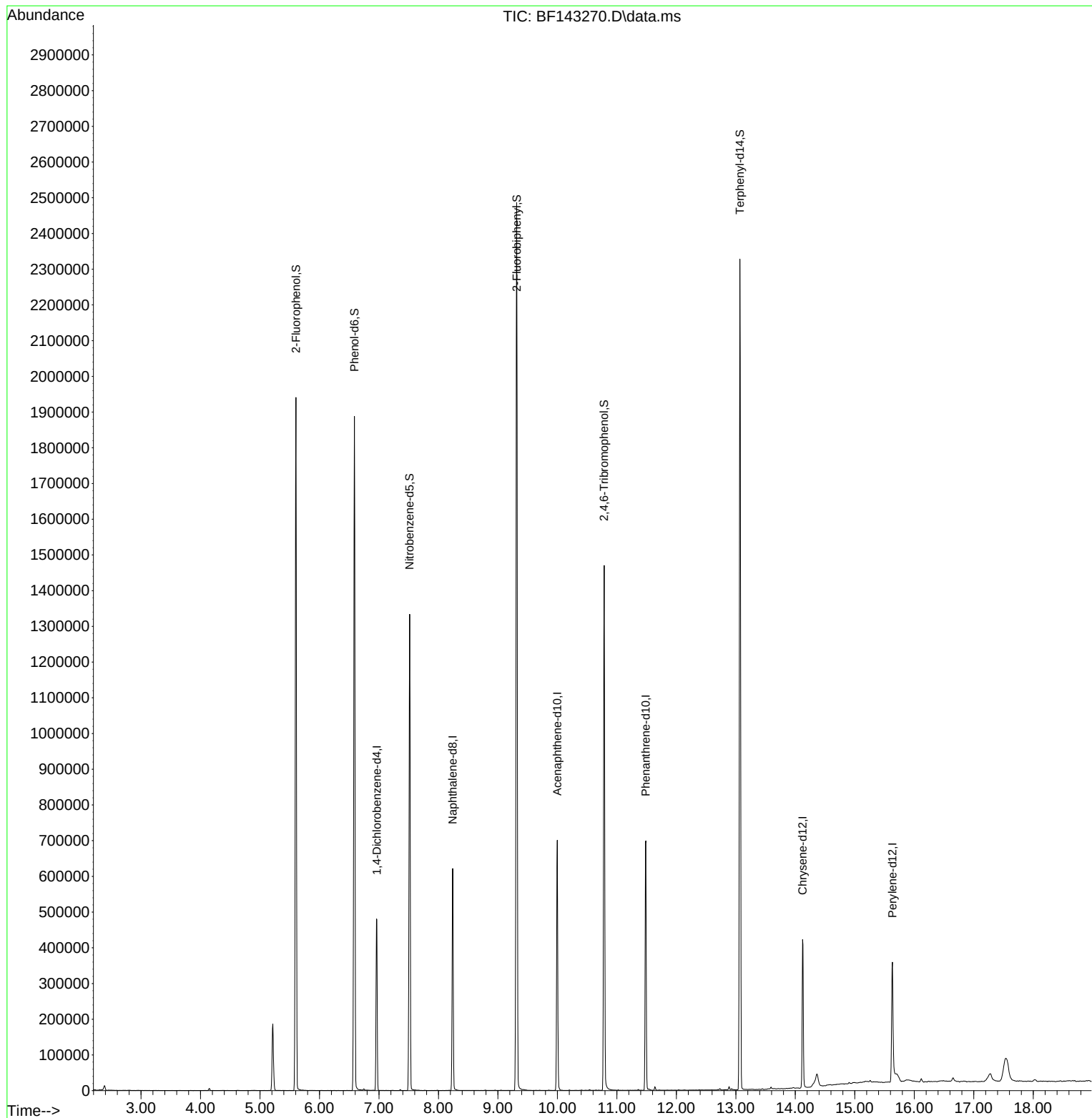
Target Compounds	Qvalue

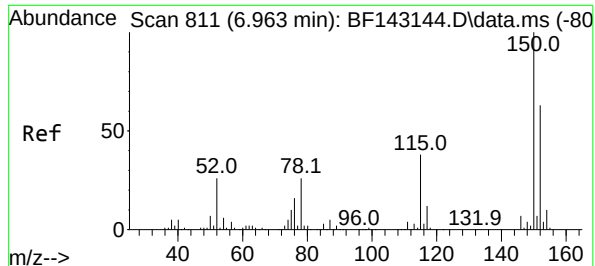
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

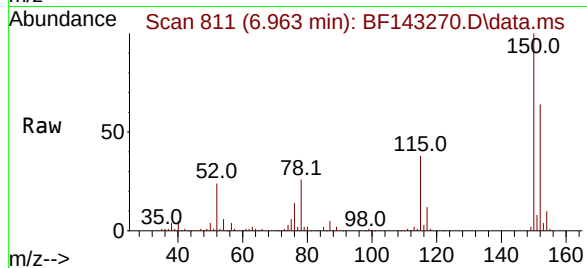
Quant Time: Jul 30 16:21:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



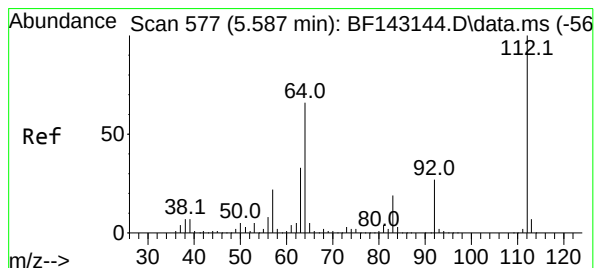
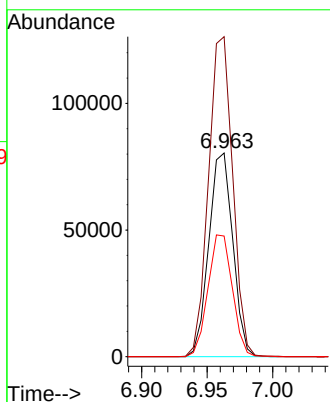
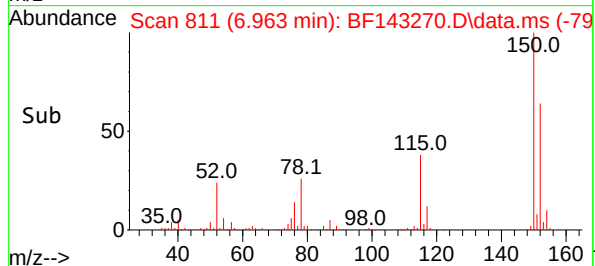


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

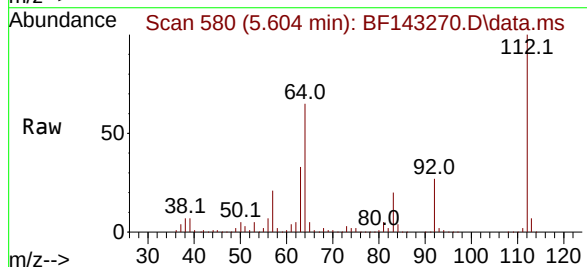
Instrument :
BNA_F
ClientSampleId :
PB168971BL



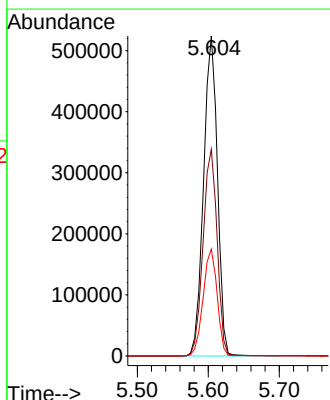
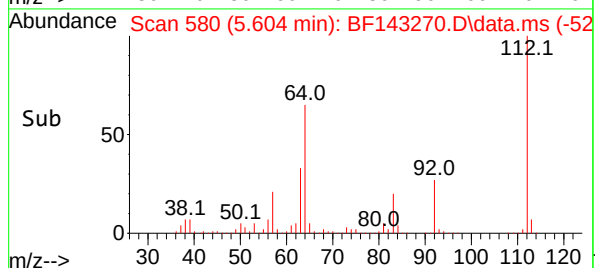
Tgt Ion:152 Resp: 102425
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 59.2 47.9 71.9

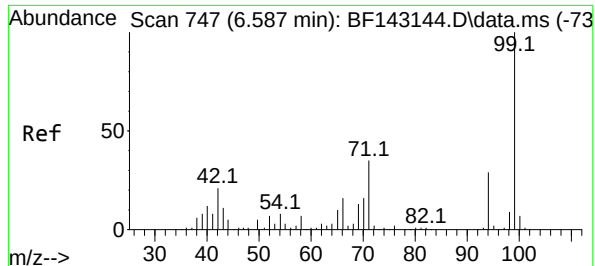


#5
2-Fluorophenol
Concen: 110.513 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52



Tgt Ion:112 Resp: 715294
Ion Ratio Lower Upper
112 100
64 64.5 53.1 79.7
63 33.4 26.6 40.0

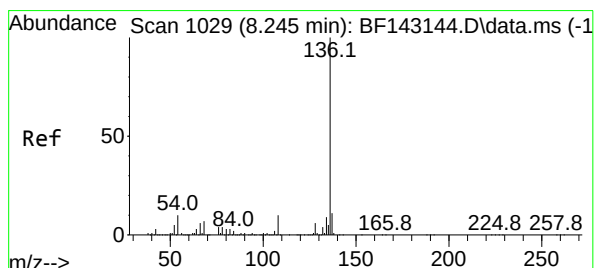
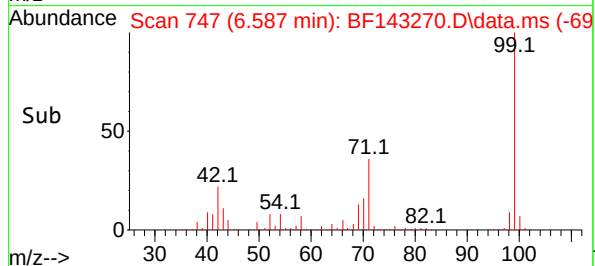
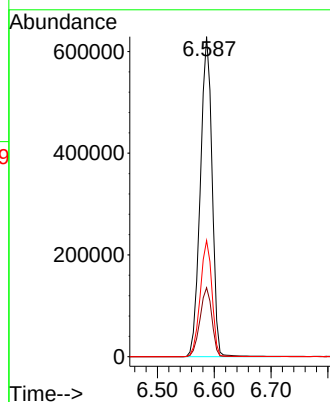
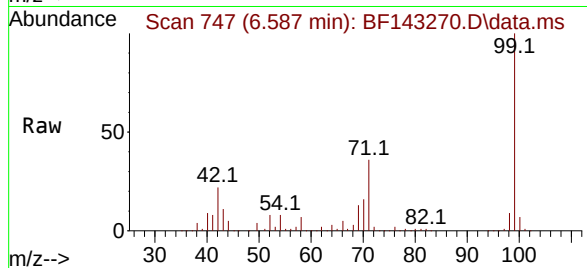




#7
Phenol-d6
Concen: 111.271 ng
RT: 6.587 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

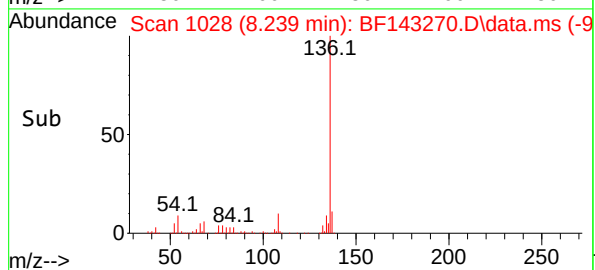
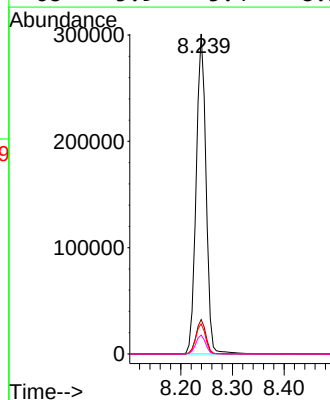
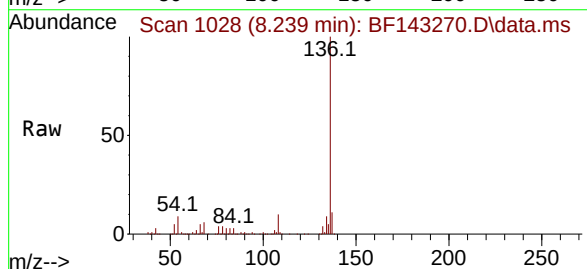
Instrument :
BNA_F
ClientSampleId :
PB168971BL

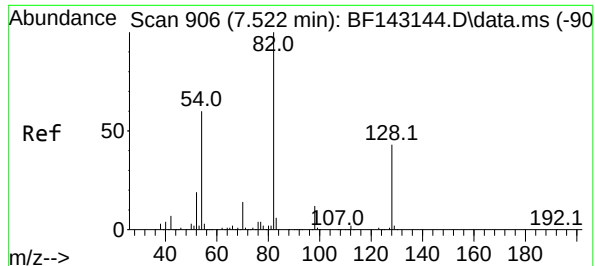
Tgt Ion: 99 Resp: 906510
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 36.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143270.D
Acq: 30 Jul 2025 15:52

Tgt Ion: 136 Resp: 398799
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.4 8.2 12.2
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.611 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL

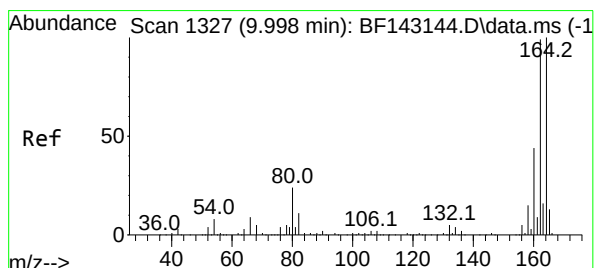
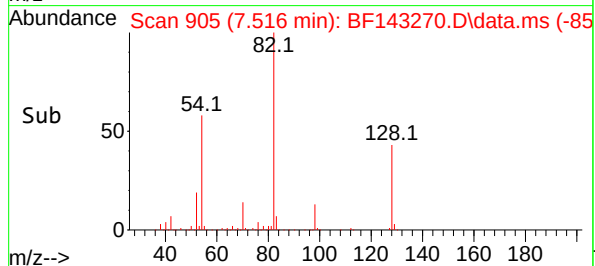
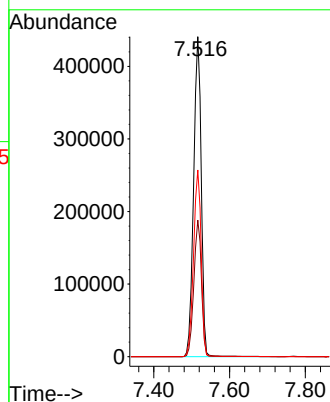
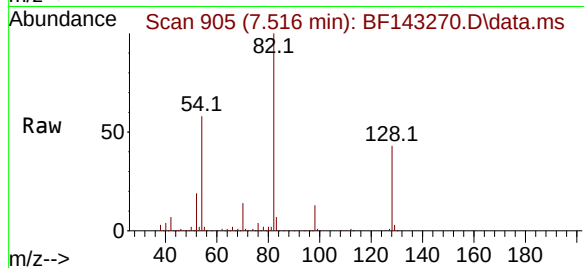
Tgt Ion: 82 Resp: 620925

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 58.4 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

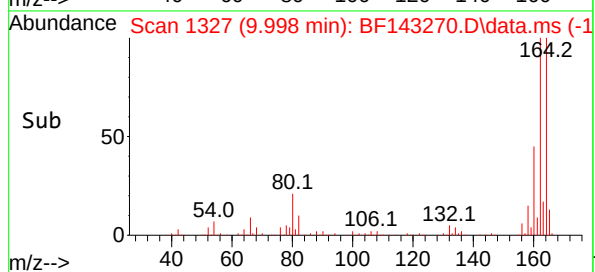
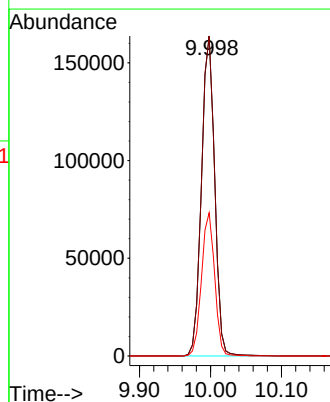
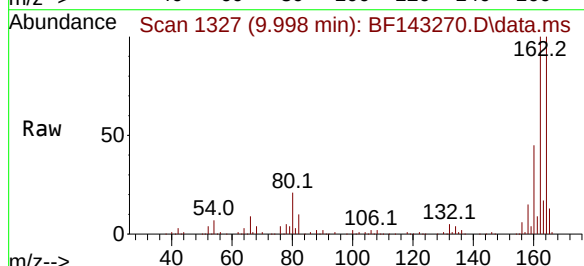
Tgt Ion: 164 Resp: 212310

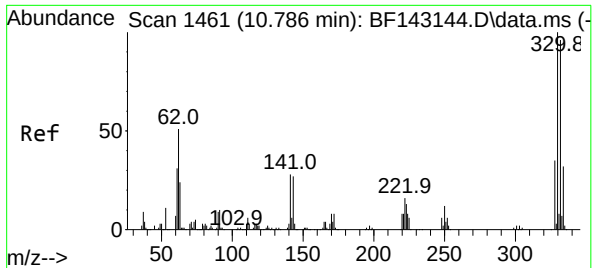
Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 121.980 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143270.D

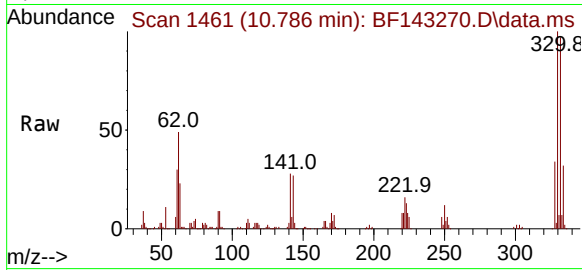
Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL



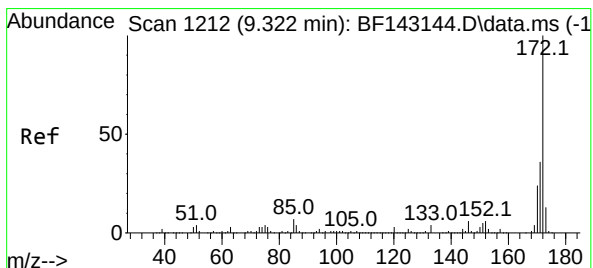
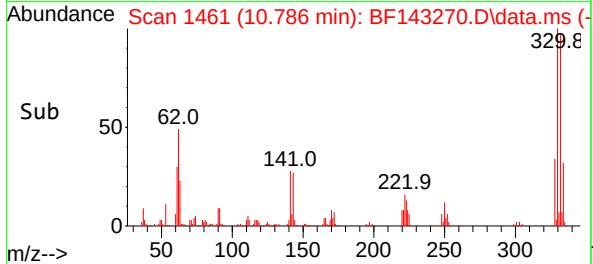
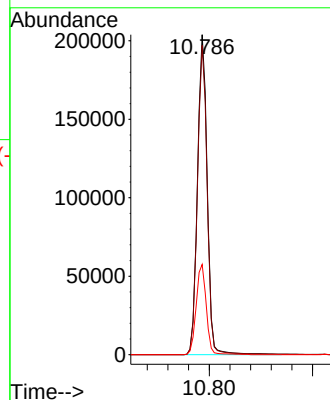
Tgt Ion:330 Resp: 267536

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 29.1 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 75.549 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

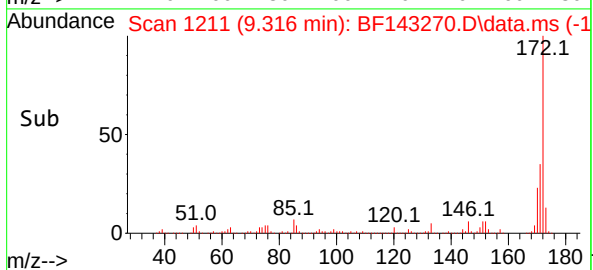
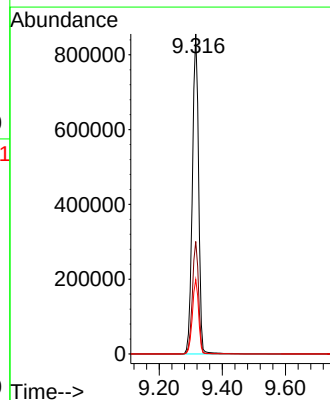
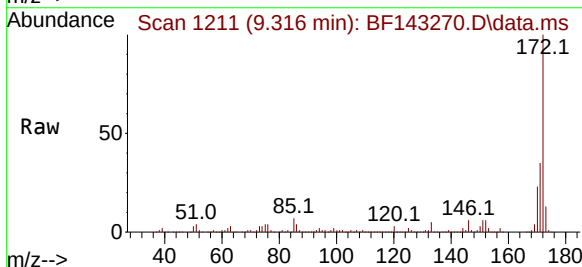
Tgt Ion:172 Resp: 1172818

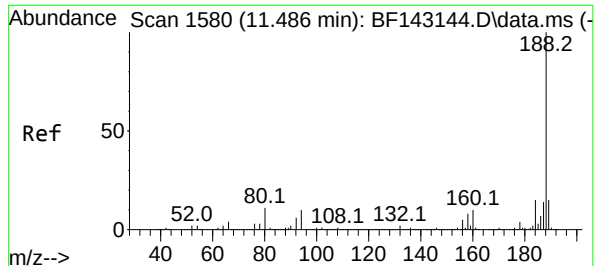
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL

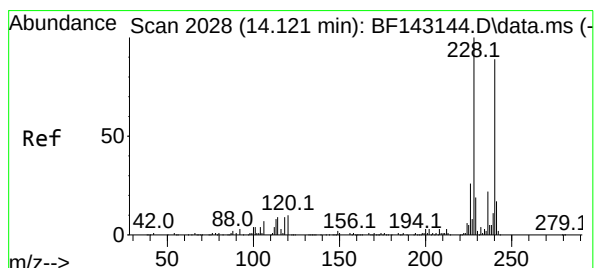
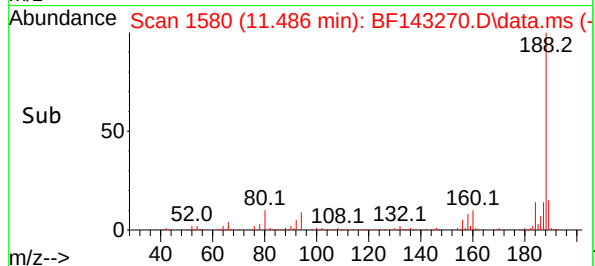
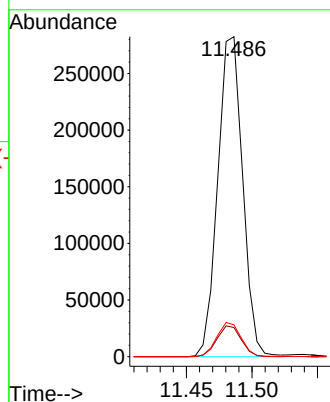
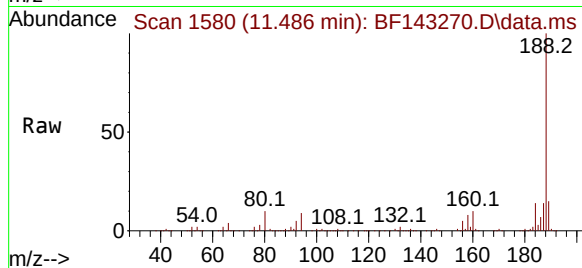
Tgt Ion:188 Resp: 372104

Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 10.0 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

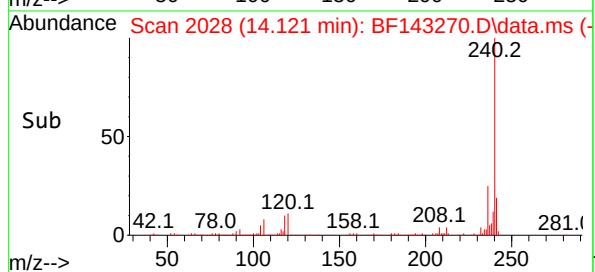
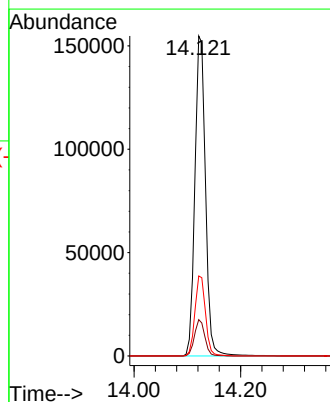
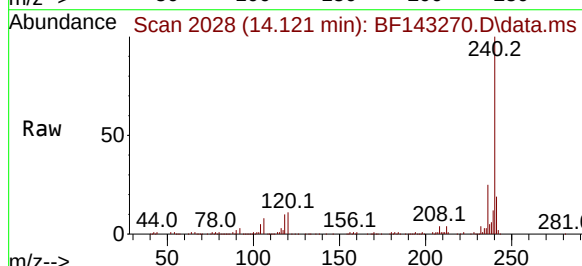
Tgt Ion:240 Resp: 214586

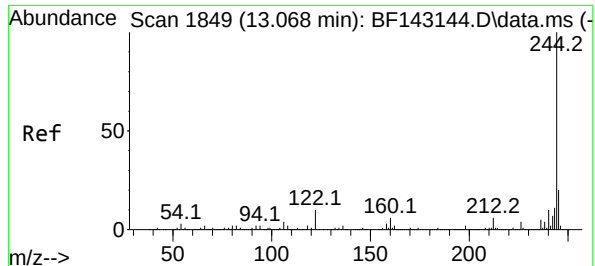
Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 80.362 ng

RT: 13.068 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

Instrument :

BNA_F

ClientSampleId :

PB168971BL

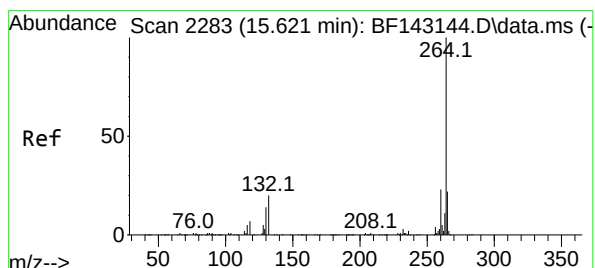
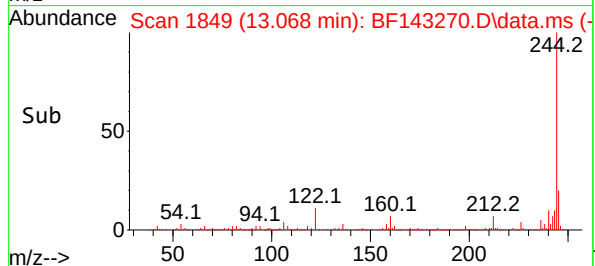
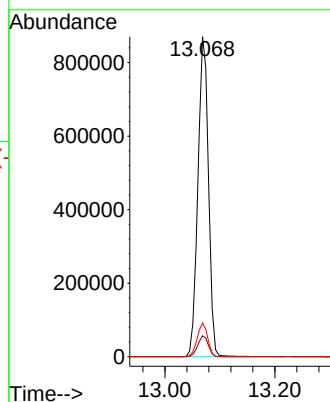
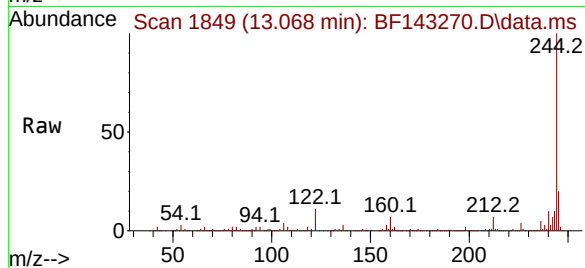
Tgt Ion:244 Resp: 1158826

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 10.5 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2285

Delta R.T. 0.012 min

Lab File: BF143270.D

Acq: 30 Jul 2025 15:52

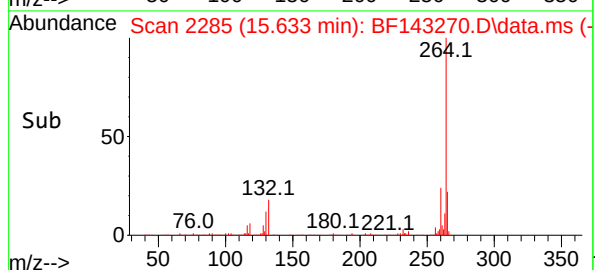
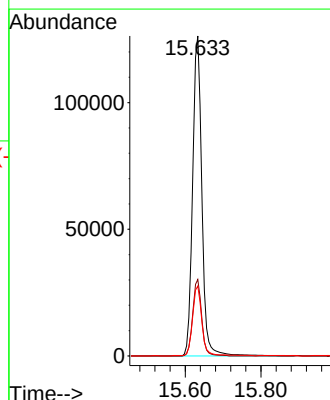
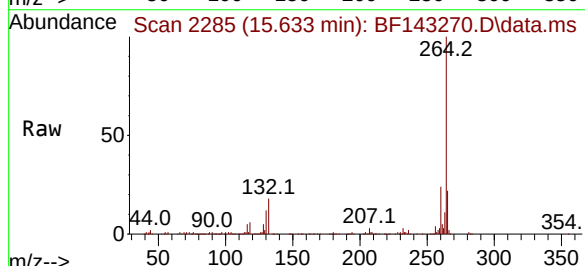
Tgt Ion:264 Resp: 214112

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

265 21.8 17.4 26.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	507	514	528	rBV	186577	299092	8.89%	1.434%
2	5.604	573	580	585	rBV	1941042	2654960	78.95%	12.725%
3	6.587	740	747	752	rBV	1887764	2713552	80.70%	13.006%
4	6.957	805	810	816	rBV	479933	621030	18.47%	2.977%
5	7.516	898	905	910	rBV	1333718	1866610	55.51%	8.947%
6	8.239	1022	1028	1046	rBV	621714	818888	24.35%	3.925%
7	9.316	1204	1211	1216	rBV	2485767	3362688	100.00%	16.118%
8	9.998	1321	1327	1344	rVB	700594	908523	27.02%	4.355%
9	10.786	1455	1461	1487	rBV	1469962	1955207	58.14%	9.371%
10	11.486	1574	1580	1587	rBV	698435	922043	27.42%	4.419%
11	13.068	1843	1849	1854	rBV	2325772	3065592	91.16%	14.694%
12	14.121	2023	2028	2043	rBV	415289	567977	16.89%	2.722%
13	14.362	2053	2069	2081	rBV3	34884	144122	4.29%	0.691%
14	15.633	2278	2285	2293	rBV	336593	598328	17.79%	2.868%
15	17.539	2596	2609	2635	rVB3	63067	364816	10.85%	1.749%

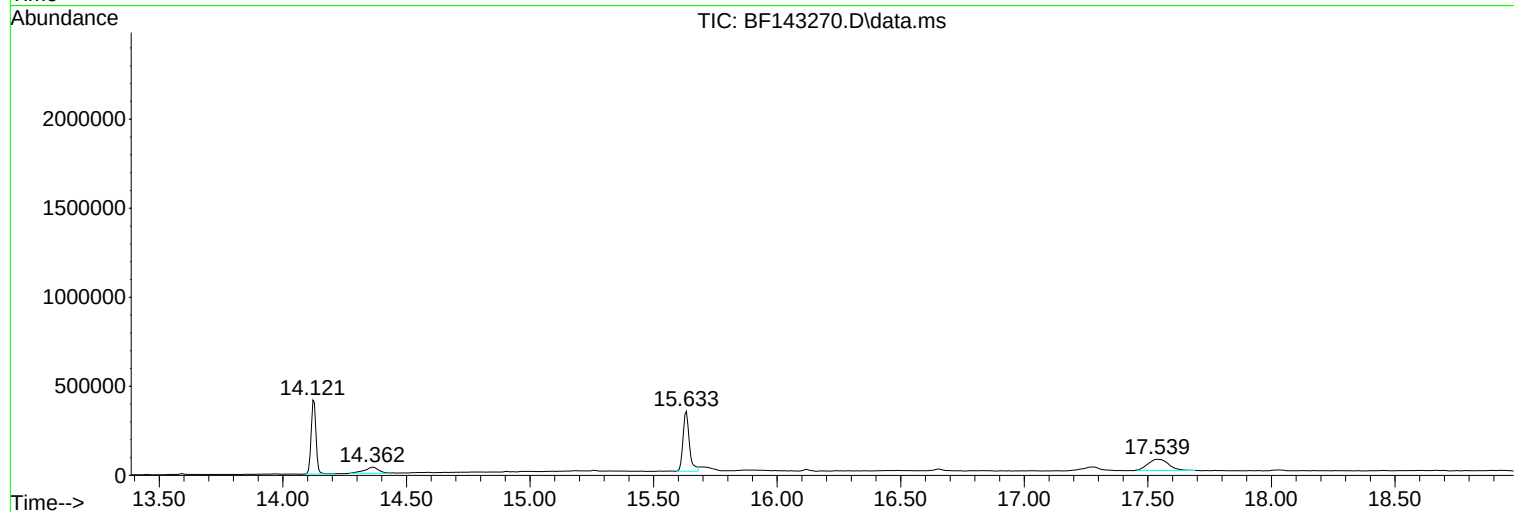
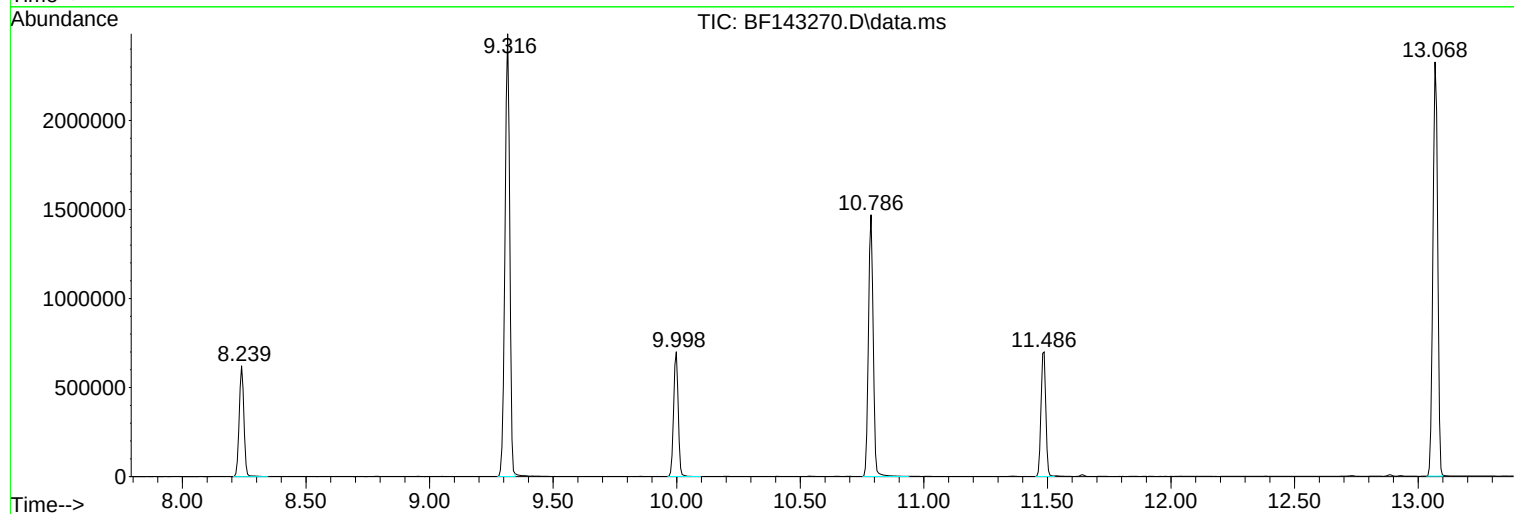
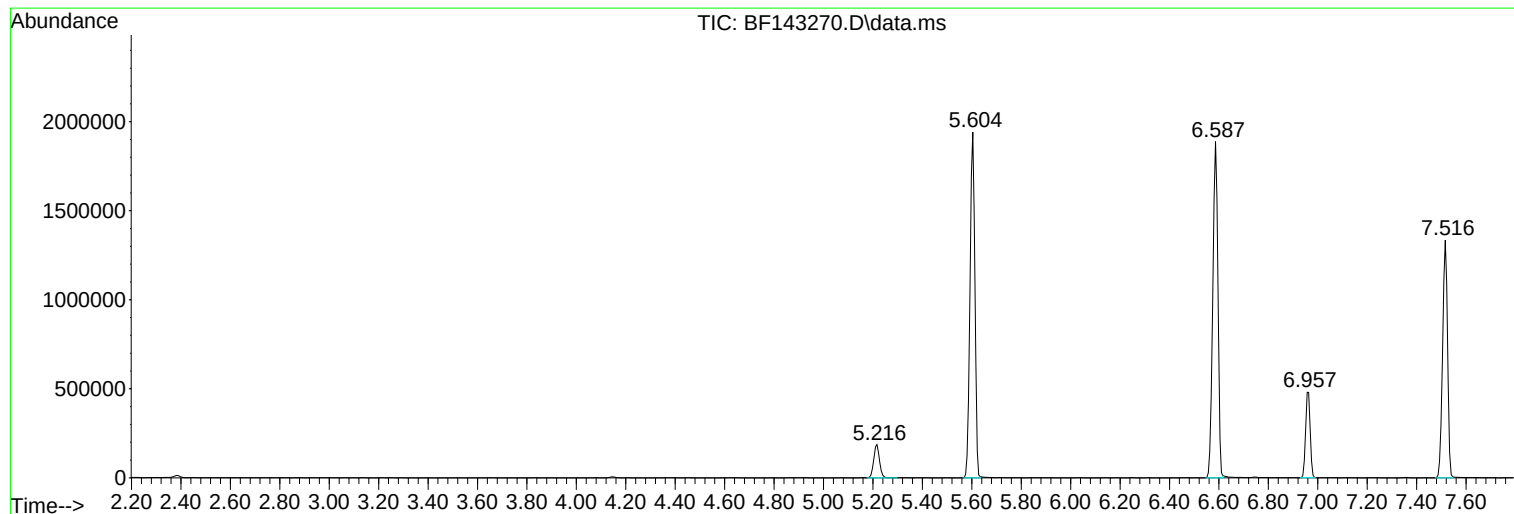
Sum of corrected areas: 20863428

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

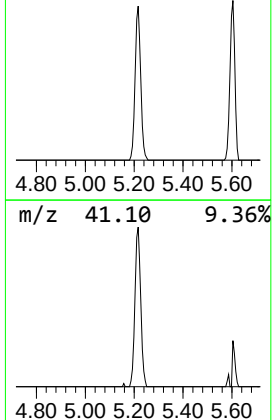
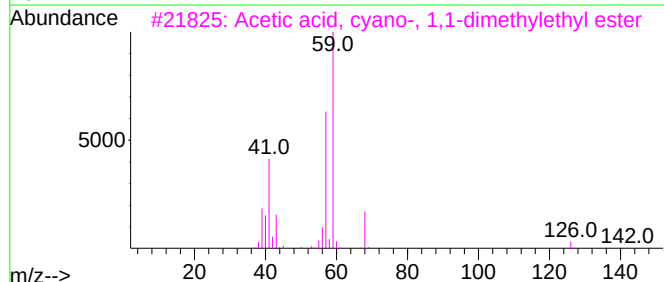
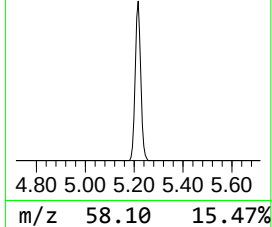
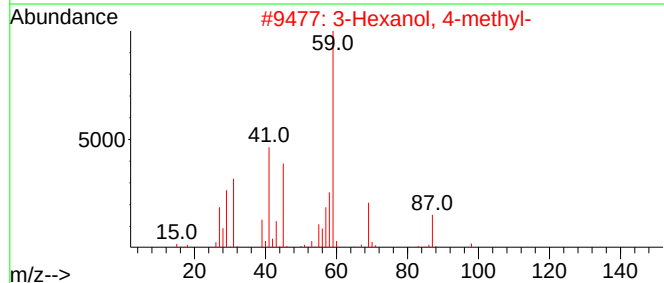
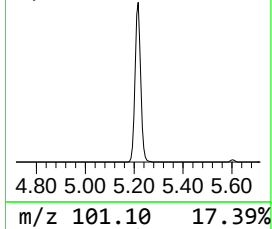
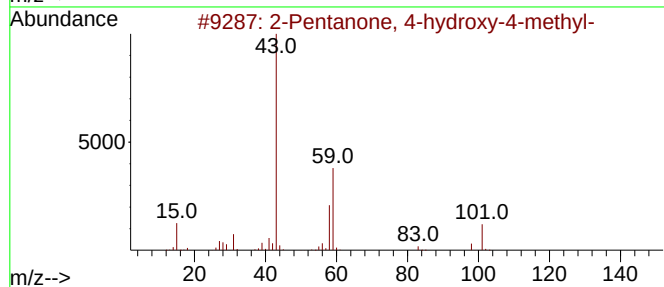
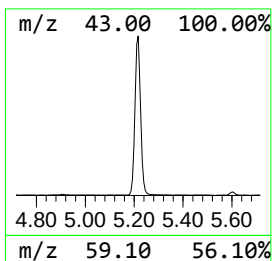
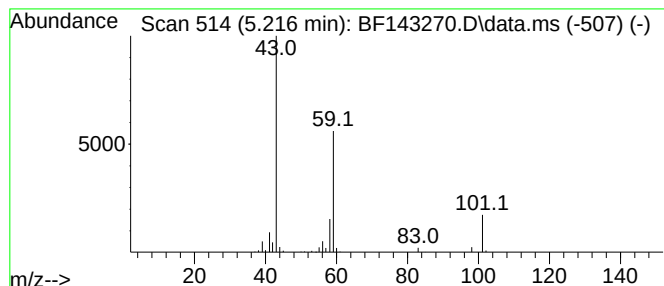
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	9.63 ng	299092	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

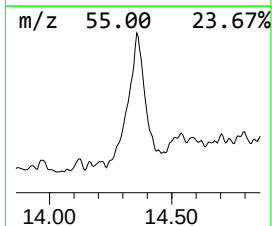
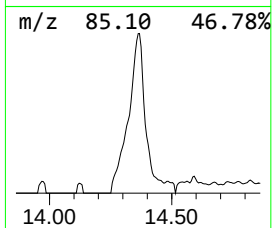
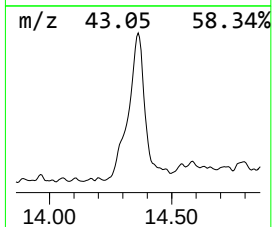
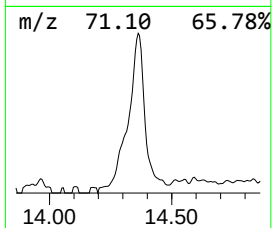
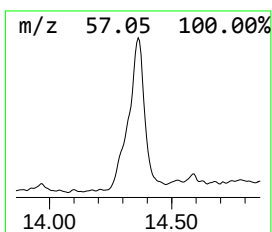
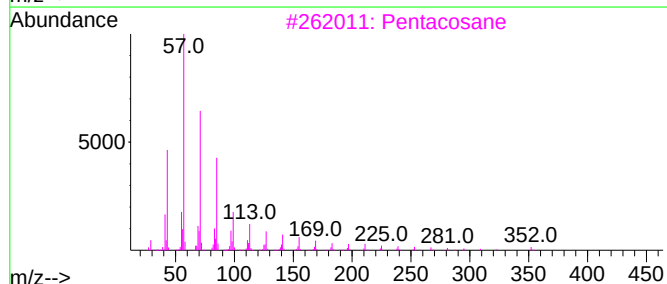
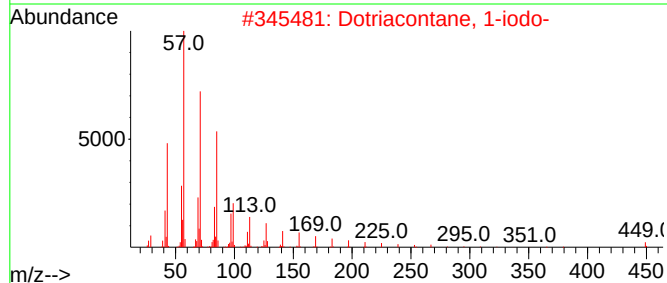
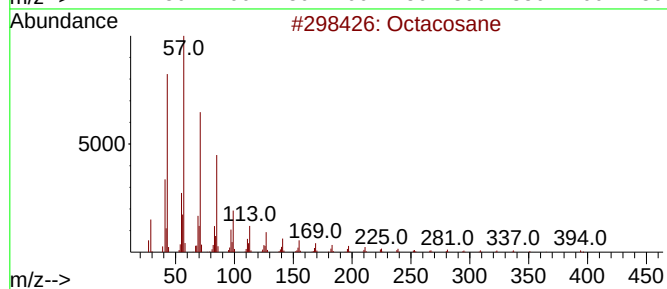
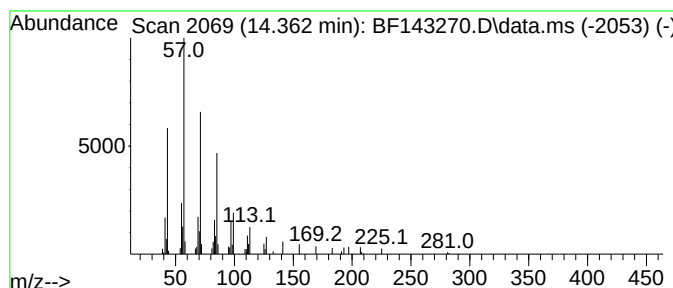
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	5.07 ng	144122	Chrysene-d12	14.121

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

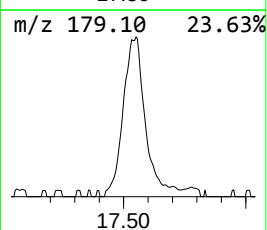
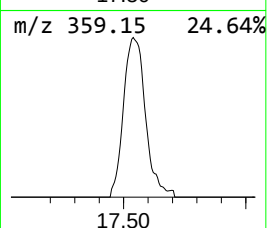
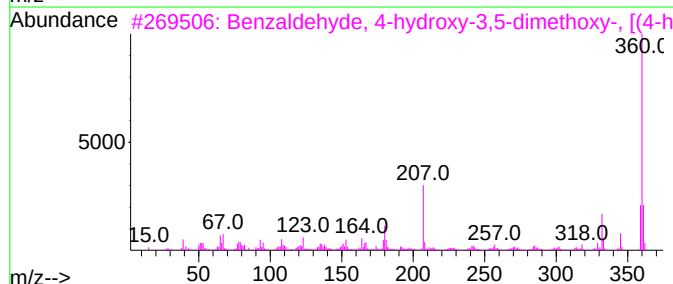
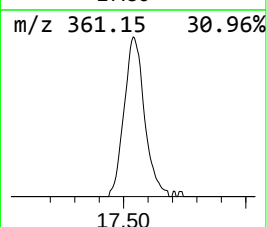
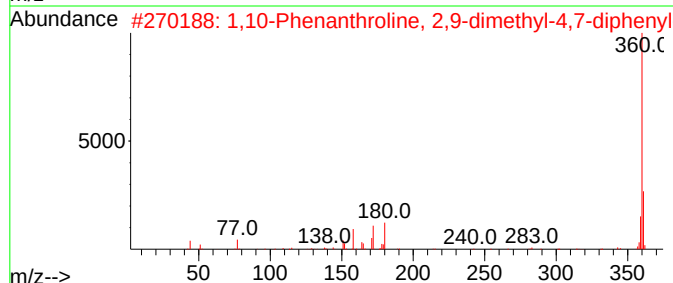
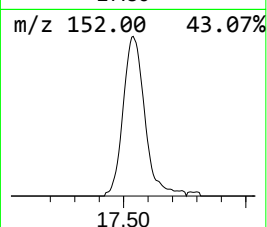
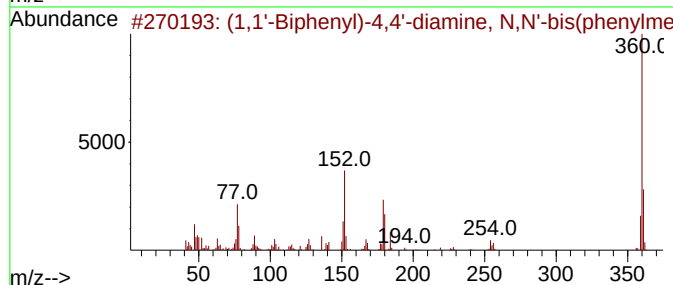
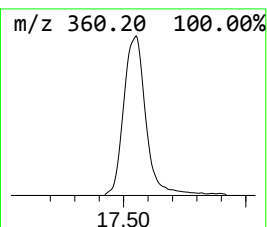
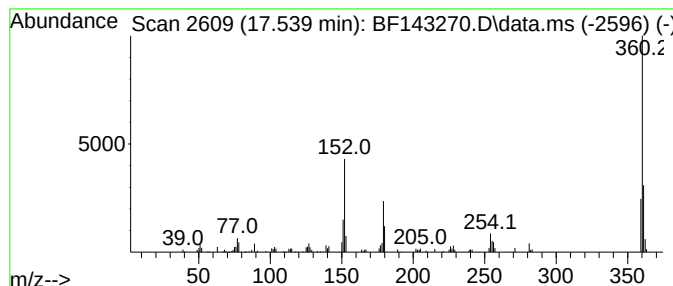
Instrument :
BNA_F
ClientSampleId :
PB168971BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.539	12.19 ng	364816	Perylene-d12	15.633	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,N'-di-2-Naphthyl-p-phenylenediamine	360	C26H20N2	006311-48-4	91
2	1,10-Phenanthroline, 2,9-dimethyl-10,10-dihydro-1,2,3,4,9,10-hexahydro-5H-benzo[5,6-b]indole	360	C26H20N2	004733-39-5	49
3	Benzaldehyde, 4-hydroxy-3,5-dimethoxy-2-methyl-2-phenyl-	360	C18H20N2O6	014414-32-5	49
4	Androst-4-ene-3,17-dione, 12-hydroxy-	360	C21H32N2O3	069688-31-9	47
5	N,N'-di-2-Naphthyl-p-phenylenediamine	360	C26H20N2	000093-46-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143270.D
Acq On : 30 Jul 2025 15:52
Operator : RC/JU
Sample : PB168971BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168971BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.216	9.6	ng	299092	1	6.963	621030	20.0
Octacosane	14.363	5.1	ng	144122	5	14.121	567977	20.0
(1,1'-Biphenyl)...	17.539	12.2	ng	364816	6	15.633	598328	20.0

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BS	SDG No.:	Q2664
Lab Sample ID:	PB168971BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143271.D	1	07/23/25 09:00	07/30/25 16:22	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.7		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.4		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.2		1.30	5.00	ug/L
98-86-2	Acetophenone	41.0		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.7		0.76	5.00	ug/L
78-59-1	Isophorone	41.3		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.9		0.68	5.00	ug/L
91-20-3	Naphthalene	41.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	21.6		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.6		0.54	5.00	ug/L
105-60-2	Caprolactam	48.7		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	42.5		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	79.0		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	42.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	41.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.9		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.6		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	48.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.6		0.55	5.00	ug/L
132-64-9	Dibenzofuran	42.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.5		0.68	5.00	ug/L
86-73-7	Fluorene	43.8		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	51.1		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BS	SDG No.:	Q2664
Lab Sample ID:	PB168971BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143271.D	1	07/23/25 09:00	07/30/25 16:22	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	41.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	41.5		0.52	5.00	ug/L
1912-24-9	Atrazine	47.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	42.5		0.50	5.00	ug/L
120-12-7	Anthracene	42.2		0.61	5.00	ug/L
86-74-8	Carbazole	44.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	47.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	48.2		0.82	5.00	ug/L
129-00-0	Pyrene	44.1		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	56.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.2		0.45	5.00	ug/L
218-01-9	Chrysene	43.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	41.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.8		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	50.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	46.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.7		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.5		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	74.9		67 - 132	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.7		52 - 132	73%	SPK: 100
1718-51-0	Terphenyl-d14	75.8		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.963			

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BS	SDG No.:	Q2664
Lab Sample ID:	PB168971BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143271.D	1	07/23/25 09:00	07/30/25 16:22	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	434000	8.245			
15067-26-2	Acenaphthene-d10	230000	10.004			
1517-22-2	Phenanthrene-d10	408000	11.486			
1719-03-5	Chrysene-d12	252000	14.133			
1520-96-3	Perylene-d12	223000	15.633			

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\BF073025\
 Data File : BF143271.D
 Acq On : 30 Jul 2025 16:22
 Operator : RC/JU
 Sample : PB168971BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 16:43:54 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 17 15:14:05 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	110955	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	433977	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	229633	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	407884	20.000	ng	0.00
76) Chrysene-d12	14.133	240	252100	20.000	ng	0.01
86) Perylene-d12	15.633	264	223360	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	749966	106.962	ng	0.02
7) Phenol-d6	6.592	99	954260	108.128	ng	0.00
23) Nitrobenzene-d5	7.522	82	652339	74.928	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	305877	128.940	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1220344	72.680	ng	0.00
79) Terphenyl-d14	13.074	244	1284148	75.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	107983	32.548	ng	100
3) Pyridine	3.657	79	293747	34.112	ng	99
4) n-Nitrosodimethylamine	3.604	42	179091	40.281	ng	96
6) Aniline	6.622	93	360015	29.270	ng	# 89
8) 2-Chlorophenol	6.751	128	311447	42.377	ng	97
9) Benzaldehyde	6.510	77	196594	29.707	ng	97
10) Phenol	6.610	94	399386	41.541	ng	84
11) bis(2-Chloroethyl)ether	6.692	93	297654	40.435	ng	99
12) 1,3-Dichlorobenzene	6.904	146	329364	41.253	ng	99
13) 1,4-Dichlorobenzene	6.981	146	333259	41.449	ng	99
14) 1,2-Dichlorobenzene	7.134	146	318527	41.653	ng	100
15) Benzyl Alcohol	7.098	79	294997	43.777	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	535096	39.185	ng	97
17) 2-Methylphenol	7.210	107	260245	42.113	ng	98
18) Hexachloroethane	7.475	117	120447	43.273	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	229920	40.607	ng	99
20) 3+4-Methylphenols	7.363	107	314028	41.884	ng	# 76
22) Acetophenone	7.369	105	421349	41.009	ng	# 97
24) Nitrobenzene	7.539	77	346666	42.709	ng	99
25) Isophorone	7.781	82	633987	41.250	ng	98
26) 2-Nitrophenol	7.857	139	169188	48.028	ng	99
27) 2,4-Dimethylphenol	7.892	122	292468	40.730	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	377136	40.927	ng	99
29) 2,4-Dichlorophenol	8.098	162	262205	43.299	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	276608	42.281	ng	99
31) Naphthalene	8.263	128	895946	41.920	ng	100
32) Benzoic acid	8.010	122	172605	43.247	ng	99
33) 4-Chloroaniline	8.304	127	188358	21.583	ng	100
34) Hexachlorobutadiene	8.386	225	170235	42.596	ng	99
35) Caprolactam	8.681	113	89151m	48.719	ng	
36) 4-Chloro-3-methylphenol	8.792	107	289254	43.947	ng	98
37) 2-Methylnaphthalene	8.957	142	552386	42.473	ng	100
38) 1-Methylnaphthalene	9.057	142	570488	42.597	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	276636	41.726	ng	99
41) Hexachlorocyclopentadiene	9.116	237	340771	78.996	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	192511	41.956	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143271.D
 Acq On : 30 Jul 2025 16:22
 Operator : RC/JU
 Sample : PB168971BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168971BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 16:43:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	205487	44.771	ng	98
46) 1,1'-Biphenyl	9.422	154	758765	42.351	ng	99
47) 2-Chloronaphthalene	9.445	162	554925	41.861	ng	99
48) 2-Nitroaniline	9.533	65	196618	47.296	ng	99
49) Acenaphthylene	9.863	152	946833	42.620	ng	100
50) Dimethylphthalate	9.716	163	671368	44.853	ng	100
51) 2,6-Dinitrotoluene	9.775	165	148794	48.866	ng	99
52) Acenaphthene	10.039	154	624989	47.598	ng	99
53) 3-Nitroaniline	9.945	138	113421	31.846	ng	100
54) 2,4-Dinitrophenol	10.057	184	159701	112.746	ng	# 1
55) Dibenzofuran	10.210	168	820871	42.107	ng	99
56) 4-Nitrophenol	10.110	139	246829	92.807	ng	98
57) 2,4-Dinitrotoluene	10.186	165	202868	53.104	ng	94
58) Fluorene	10.551	166	640925	43.805	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	175383	46.130	ng	99
60) Diethylphthalate	10.422	149	676727	45.742	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	317005	43.512	ng	99
62) 4-Nitroaniline	10.563	138	155962	51.094	ng	94
63) Azobenzene	10.698	77	663535	43.033	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	108295	50.348	ng	99
66) n-Nitrosodiphenylamine	10.657	169	577533	40.210	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	202276	41.613	ng	97
68) Hexachlorobenzene	11.104	284	210766	41.484	ng	99
69) Atrazine	11.180	200	189565	47.874	ng	99
70) Pentachlorophenol	11.298	266	256885	85.977	ng	99
71) Phenanthrene	11.516	178	921087	42.530	ng	100
72) Anthracene	11.569	178	931236	42.160	ng	100
73) Carbazole	11.716	167	858650	44.519	ng	99
74) Di-n-butylphthalate	12.045	149	1035670	47.457	ng	100
75) Fluoranthene	12.704	202	957182	48.151	ng	99
77) Benzidine	12.816	184	317193	32.657	ng	98
78) Pyrene	12.933	202	949653	44.138	ng	100
80) Butylbenzylphthalate	13.539	149	373061	56.625	ng	100
81) Benzo(a)anthracene	14.121	228	745315	44.159	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	145029	25.782	ng	99
83) Chrysene	14.157	228	657731	43.343	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	478245	47.959	ng	98
85) Di-n-octyl phthalate	14.715	149	742465	41.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.186	276	686196	43.568	ng	97
88) Benzo(b)fluoranthene	15.192	252	611193	44.792	ng	99
89) Benzo(k)fluoranthene	15.221	252	608953	50.011	ng	99
90) Benzo(a)pyrene	15.574	252	582015	46.294	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	560266	43.705	ng	99
92) Benzo(g,h,i)perylene	17.651	276	541871	43.697	ng	97

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

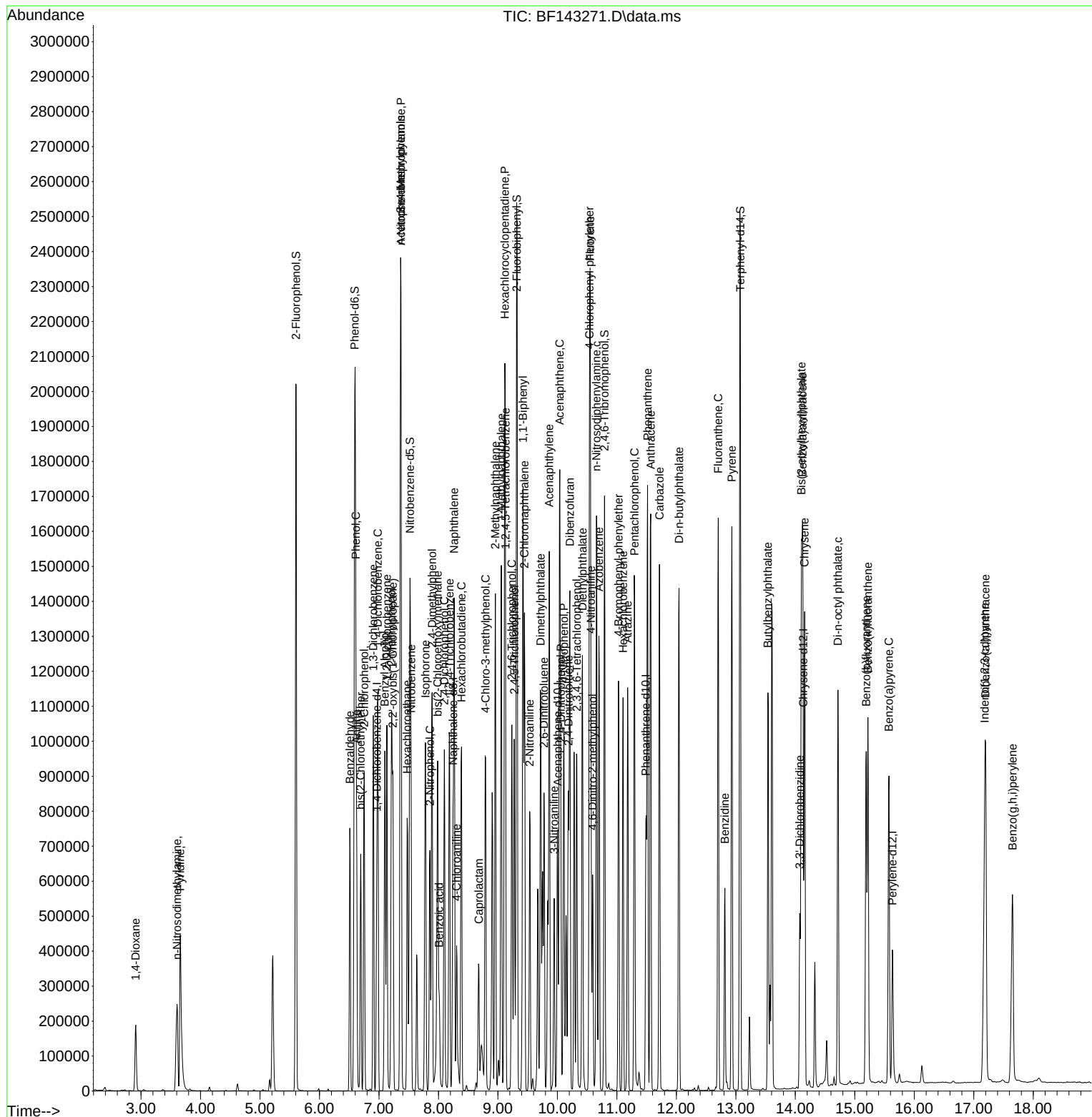
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Acq On : 30 Jul 2025 16:22
Operator : RC/JU
Sample : PB168971BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

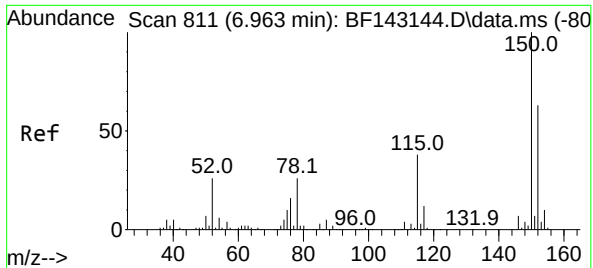
Instrument :
BNA_F
ClientSampleId :
PB168971BS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

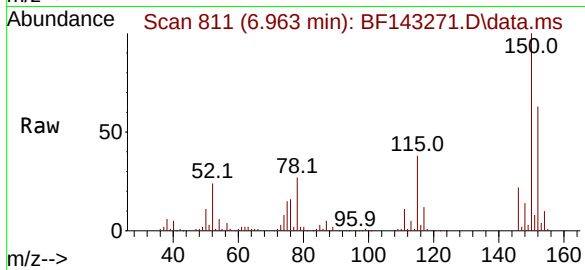
Quant Time: Jul 30 16:43:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

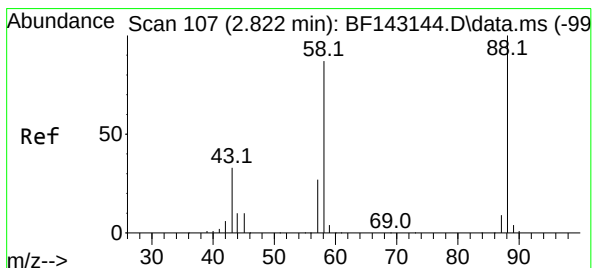
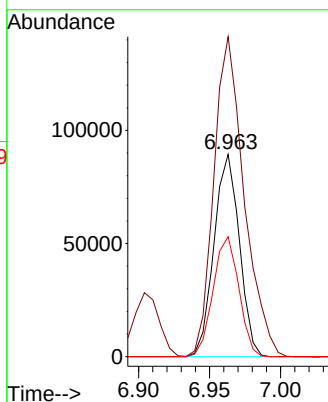
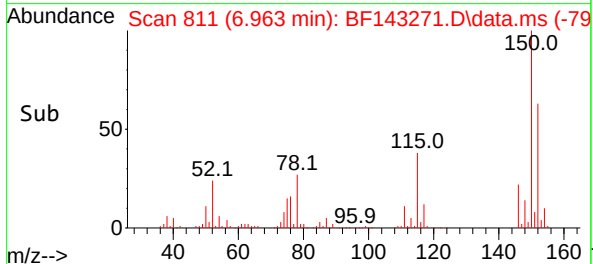
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion:152 Resp: 110958
Ion Ratio Lower Upper
152 100
150 158.2 128.2 192.4
115 59.3 47.9 71.9

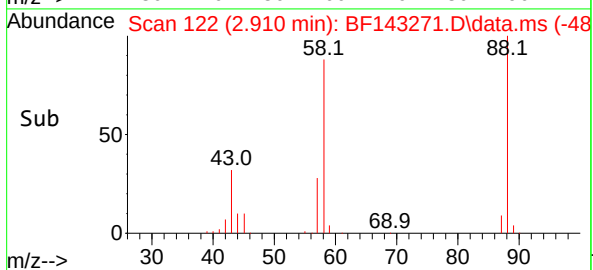
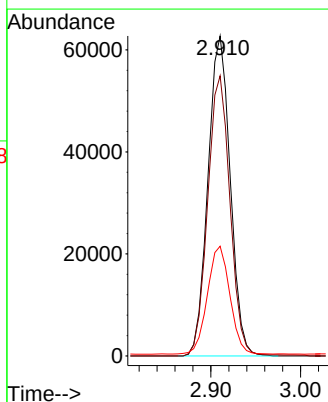
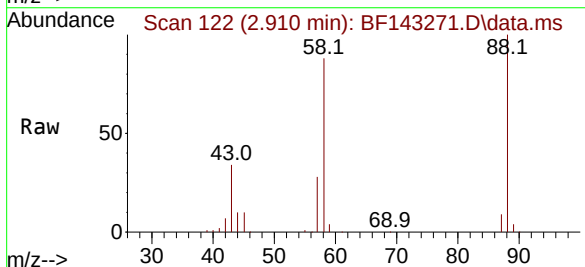
Manual Integrations
APPROVED

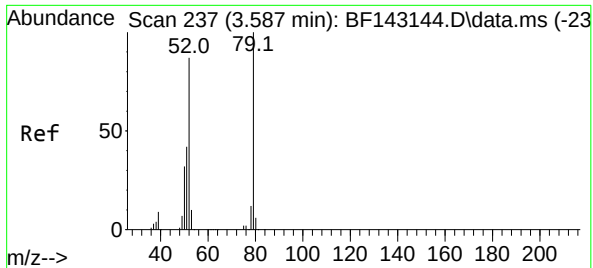
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#2
1,4-Dioxane
Concen: 32.548 ng
RT: 2.910 min Scan# 122
Delta R.T. 0.088 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

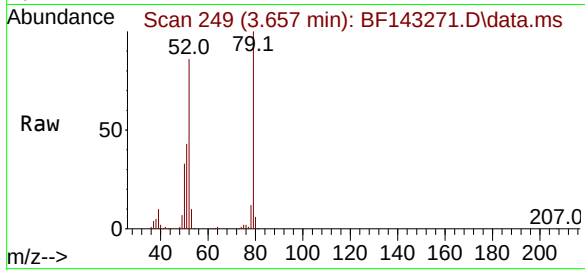
Tgt Ion: 88 Resp: 107983
Ion Ratio Lower Upper
88 100
58 88.1 70.2 105.2
43 34.2 27.1 40.7





#3
Pyridine
Concen: 34.112 ng
RT: 3.657 min Scan# 24
Delta R.T. 0.071 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

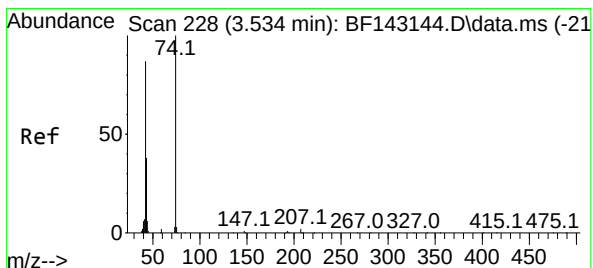
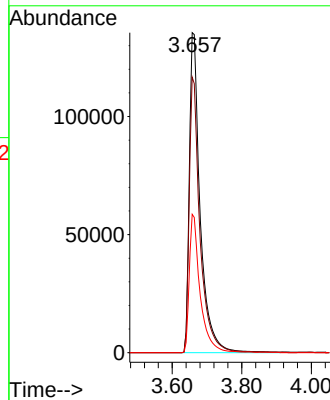
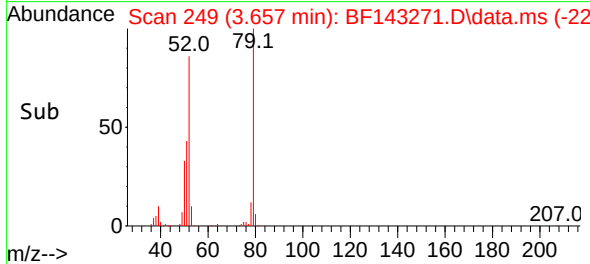
Instrument :
BNA_F
ClientSampleId :
PB168971BS



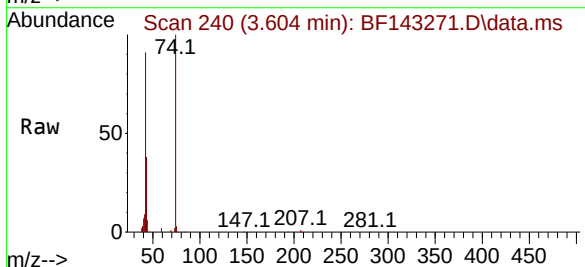
Tgt Ion: 79 Resp: 29374
Ion Ratio Lower Upper
79 100
52 86.1 69.4 104.2
51 43.3 33.5 50.3

Manual Integrations
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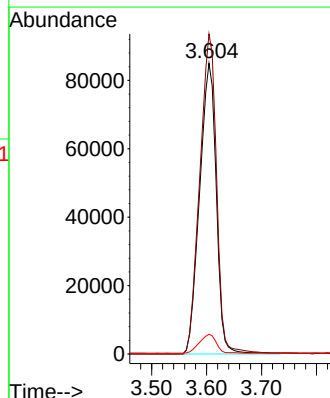
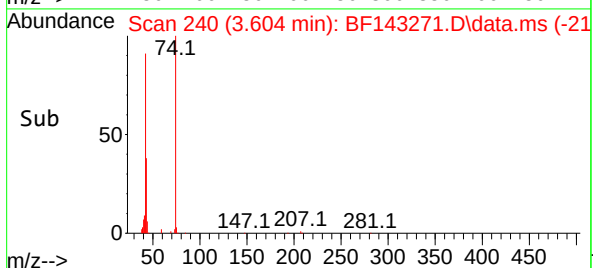
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

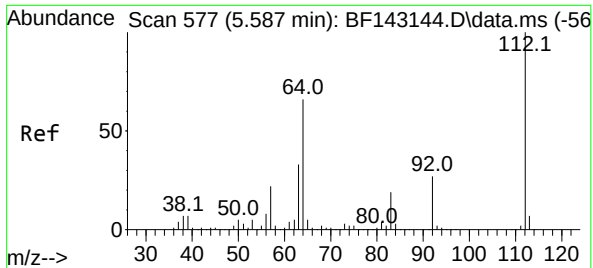


#4
n-Nitrosodimethylamine
Concen: 40.281 ng
RT: 3.604 min Scan# 240
Delta R.T. 0.071 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion: 42 Resp: 179091
Ion Ratio Lower Upper
42 100
74 110.1 91.7 137.5
44 6.8 5.6 8.4





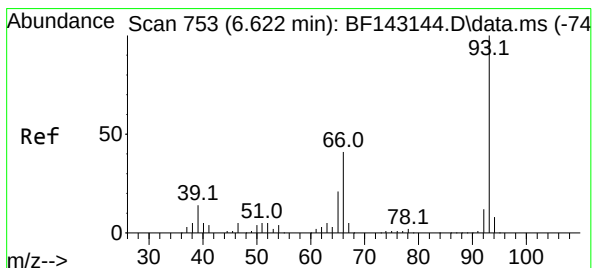
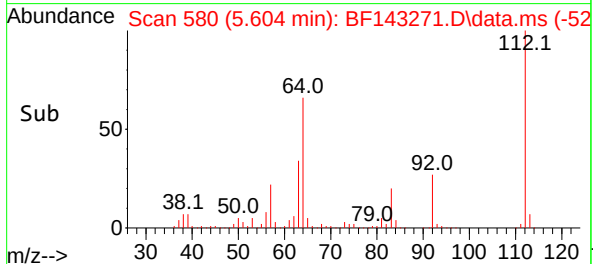
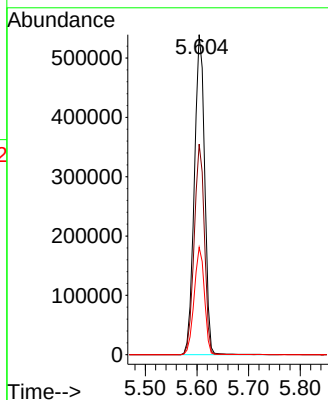
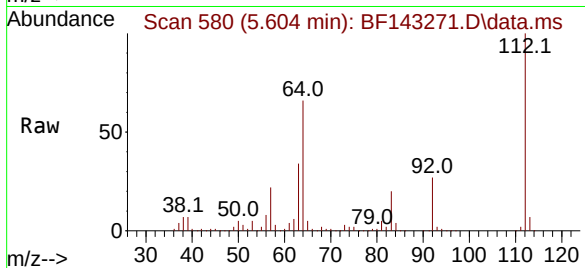
#5
2-Fluorophenol
Concen: 106.962 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :
BNA_F
ClientSampleId :
PB168971BS

Tgt Ion:112 Resp: 749960
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 33.6 26.6 40.0

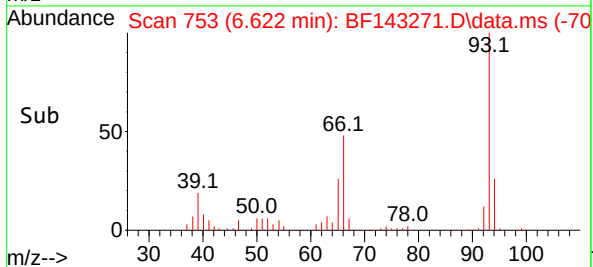
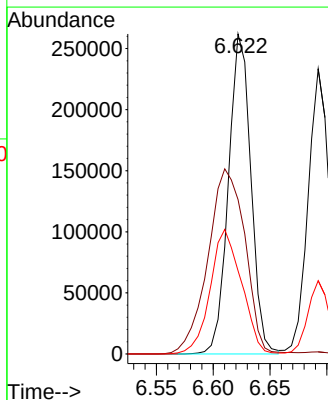
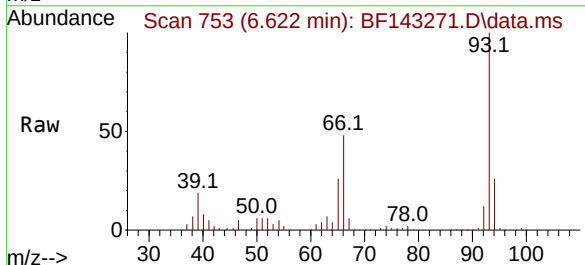
Manual Integrations
APPROVED

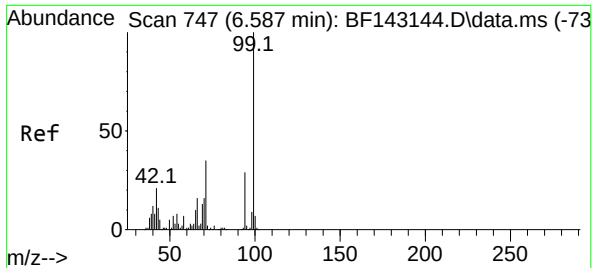
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#6
Aniline
Concen: 29.270 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

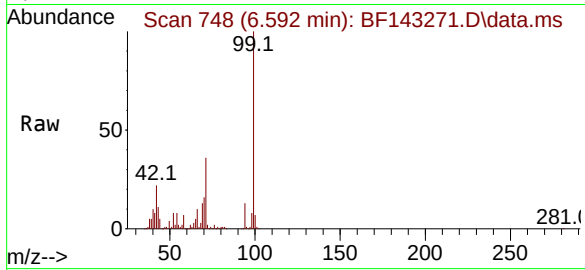
Tgt Ion: 93 Resp: 360015
Ion Ratio Lower Upper
93 100
66 48.3 33.2 49.8
65 26.0 16.9 25.3





#7
Phenol-d6
Concen: 108.128 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

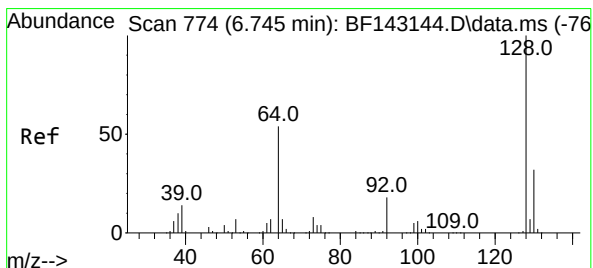
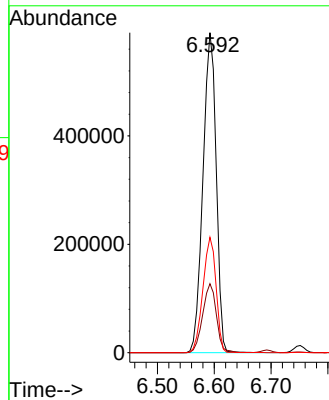
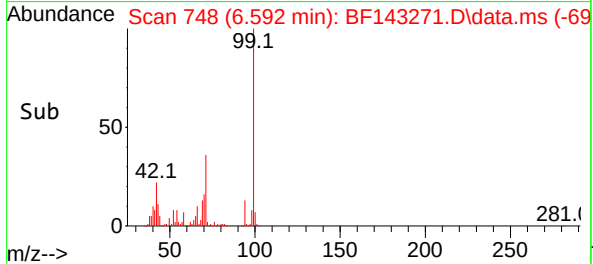
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion: 99 Resp: 954260
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 36.0 27.7 41.5

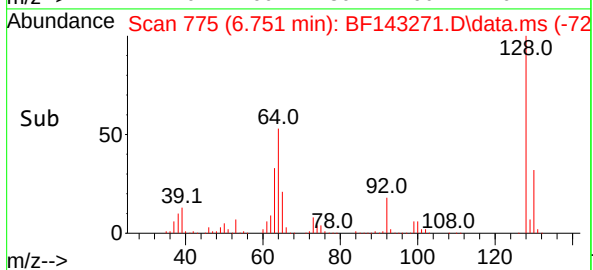
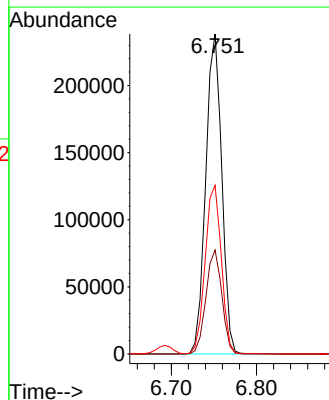
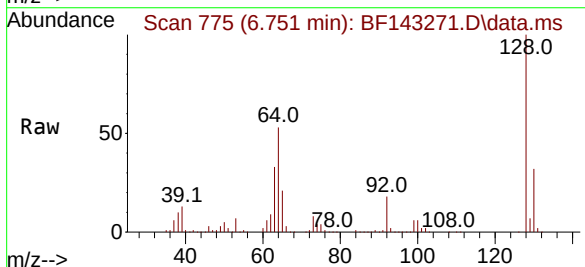
Manual Integrations
APPROVED

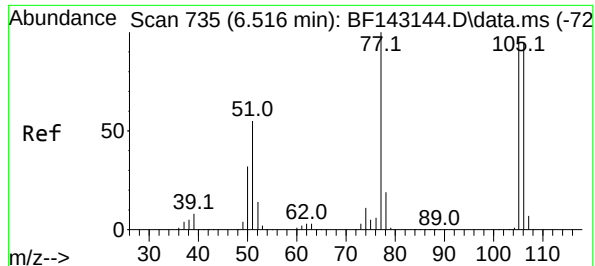
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#8
2-Chlorophenol
Concen: 42.377 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

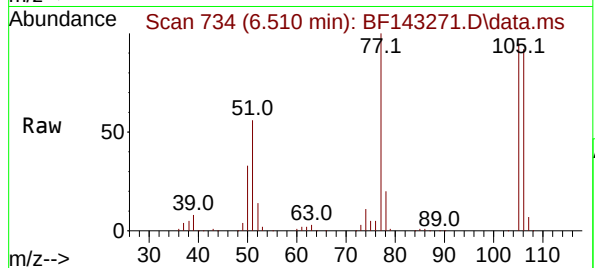
Tgt Ion:128 Resp: 311447
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 52.7 35.9 75.9





#9
Benzaldehyde
Concen: 29.707 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

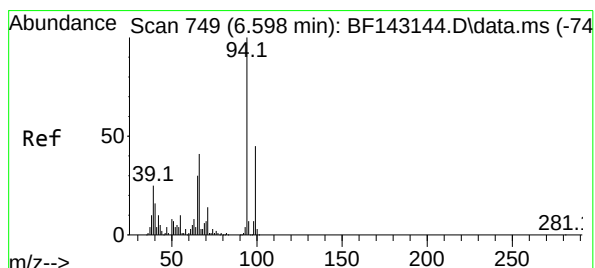
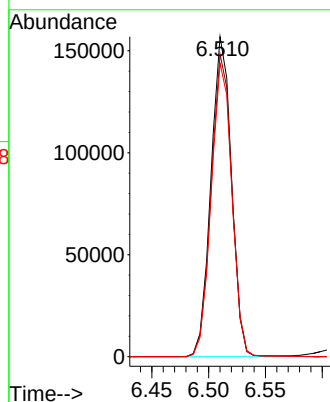
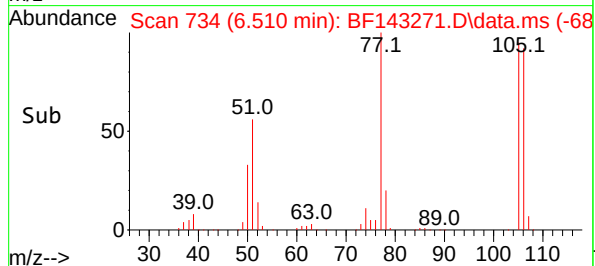
Instrument :
BNA_F
ClientSampleId :
PB168971BS



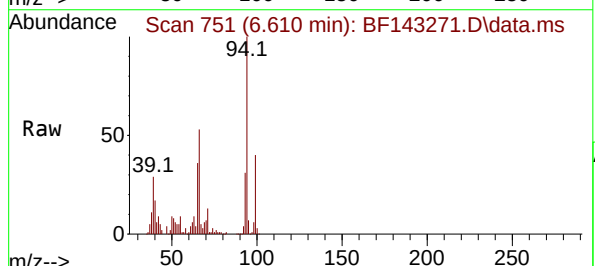
Tgt Ion: 77 Resp: 196594
Ion Ratio Lower Upper
77 100
105 94.6 76.8 116.8
106 91.6 74.4 114.4

Manual Integrations
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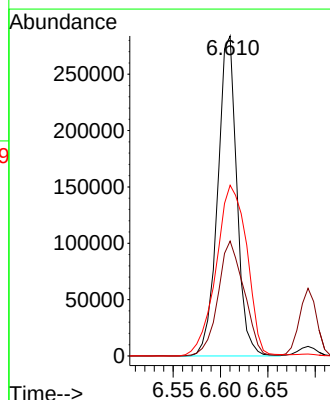
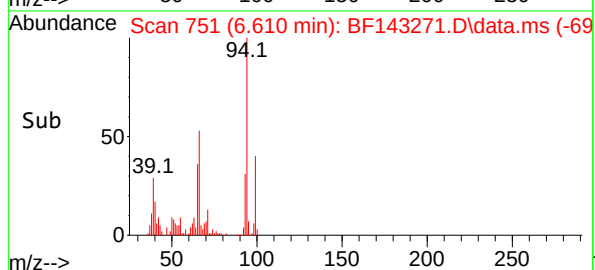
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

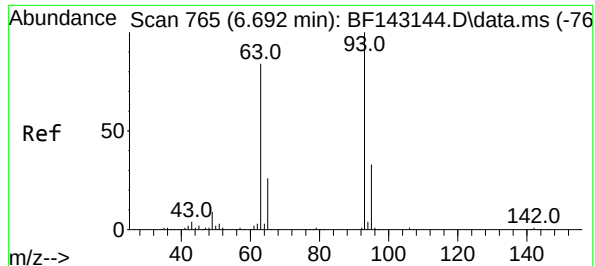


#10
Phenol
Concen: 41.541 ng
RT: 6.610 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion: 94 Resp: 399386
Ion Ratio Lower Upper
94 100
65 35.9 10.0 50.0
66 53.4 20.8 60.8





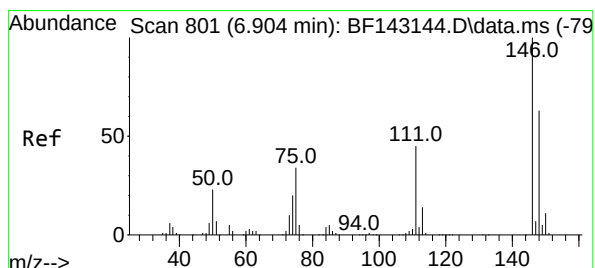
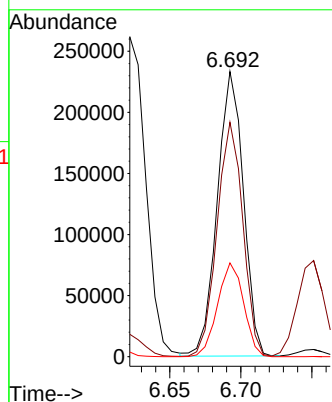
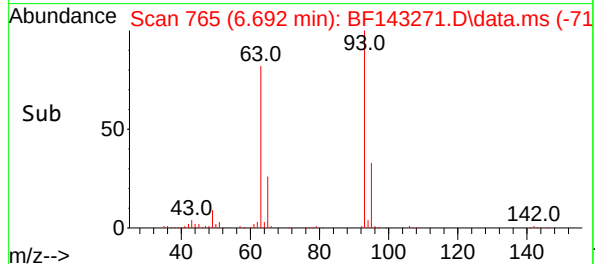
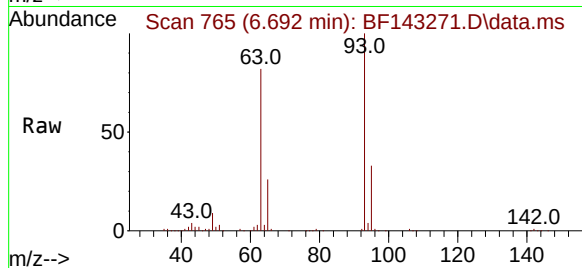
#11
bis(2-Chloroethyl)ether
Concen: 40.435 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :
BNA_F
ClientSampleId :
PB168971BS

Tgt Ion: 93 Resp: 297654
Ion Ratio Lower Upper
93 100
63 82.2 63.4 103.4
95 32.9 12.4 52.4

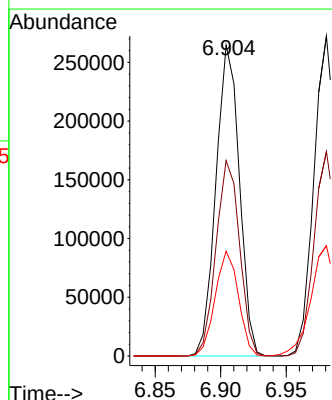
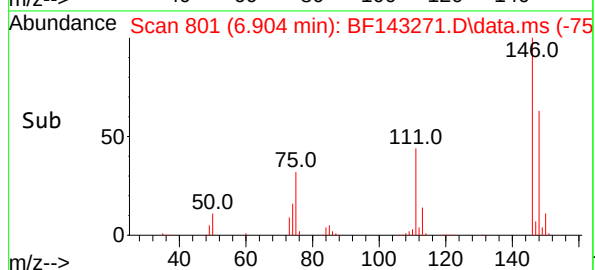
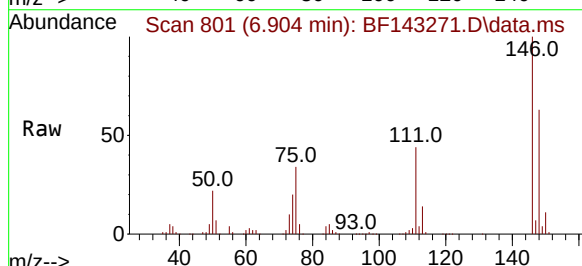
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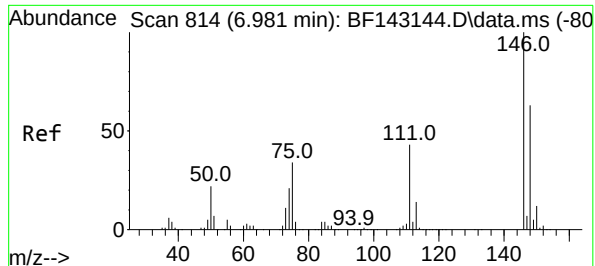
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#12
1,3-Dichlorobenzene
Concen: 41.253 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:146 Resp: 329364
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 33.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.449 ng

RT: 6.981 min Scan# 814

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:146 Resp: 333259

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

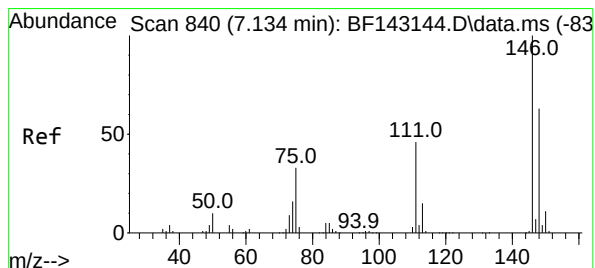
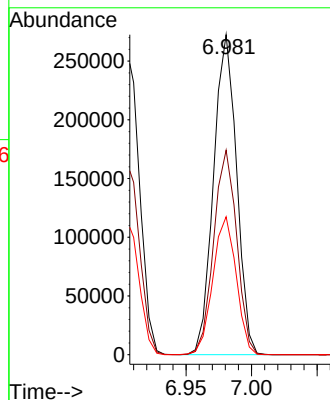
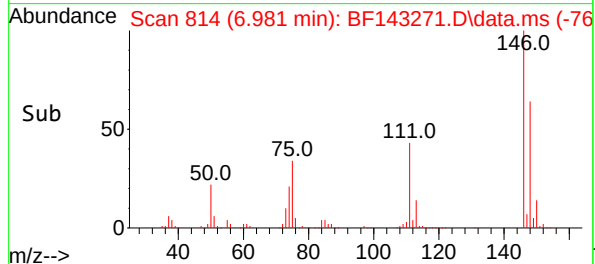
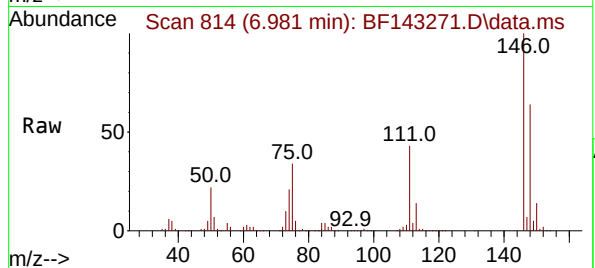
111 43.1 34.4 51.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#14

1,2-Dichlorobenzene

Concen: 41.653 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

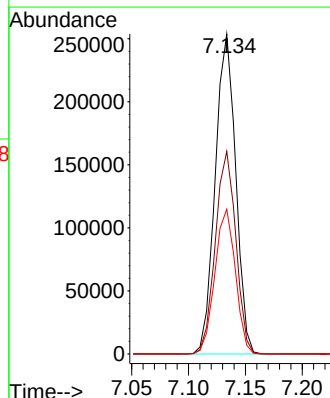
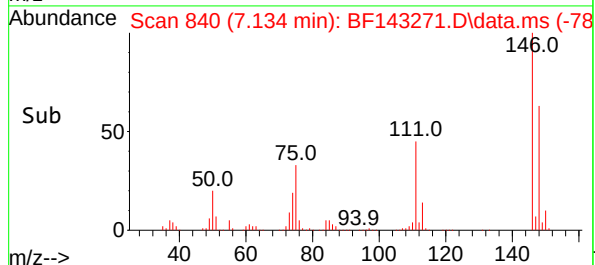
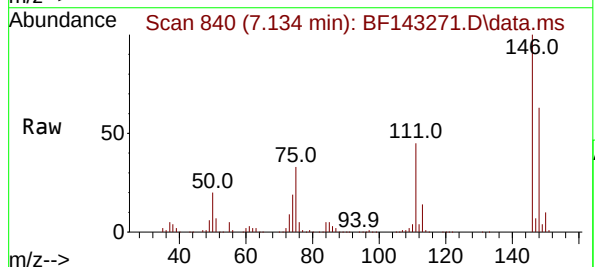
Tgt Ion:146 Resp: 318527

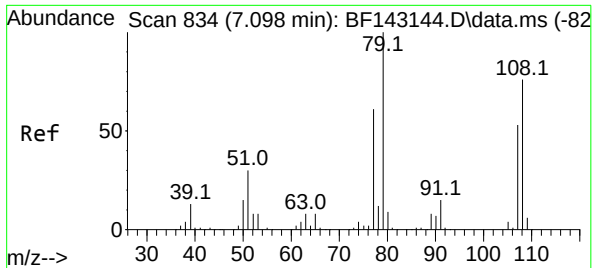
Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

111 45.2 36.6 54.8





#15

Benzyl Alcohol

Concen: 43.777 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143271.D

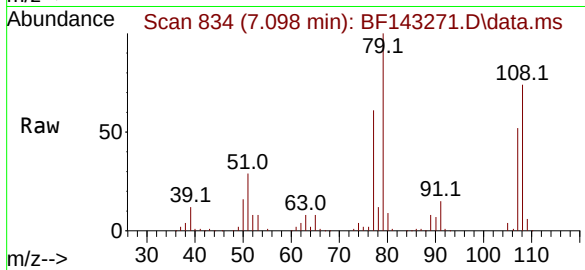
Acq: 30 Jul 2025 16:22

Instrument :

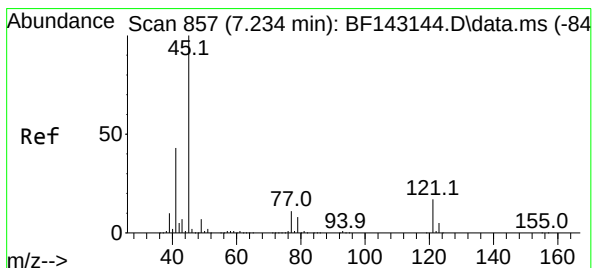
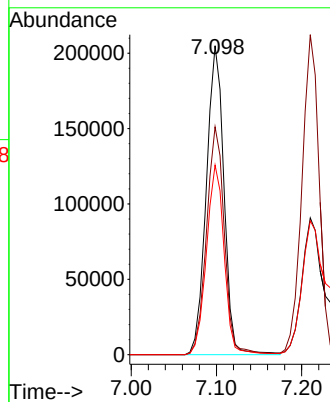
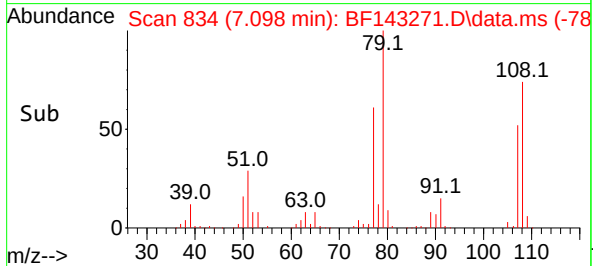
BNA_F

ClientSampleId :

PB168971BS



Tgt Ion: 79	Resp: 29499
Ion Ratio	Lower Upper
79	100
108	73.8 61.1 91.7
77	61.4 48.9 73.3

Manual Integrations
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Supervised By :mohammad ahmed 07/31/2025

#16

2,2'-oxybis(1-chloropropane)

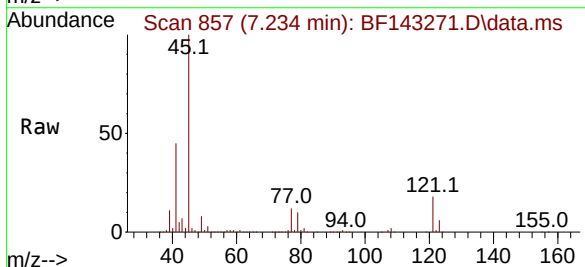
Concen: 39.185 ng

RT: 7.234 min Scan# 857

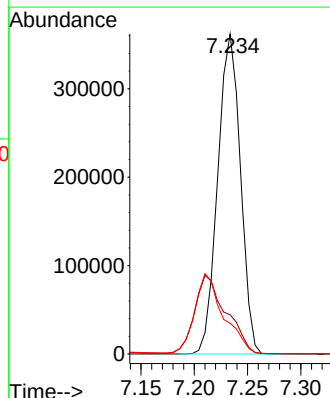
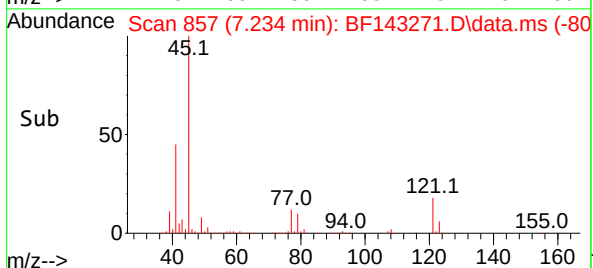
Delta R.T. -0.000 min

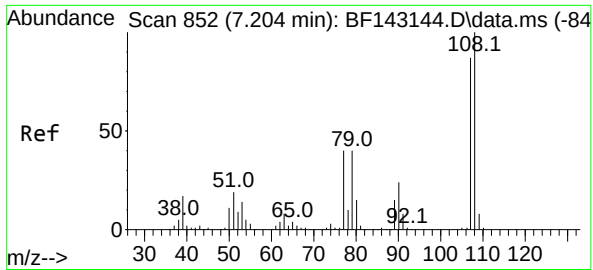
Lab File: BF143271.D

Acq: 30 Jul 2025 16:22



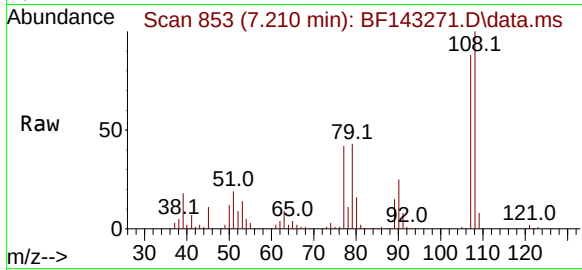
Tgt Ion: 45	Resp: 535096
Ion Ratio	Lower Upper
45	100
77	12.2 0.0 31.2
79	9.6 0.0 28.5





#17
2-Methylphenol
Concen: 42.113 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

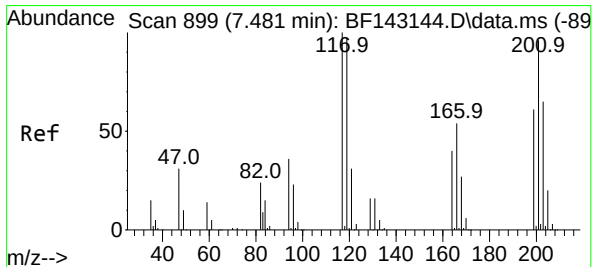
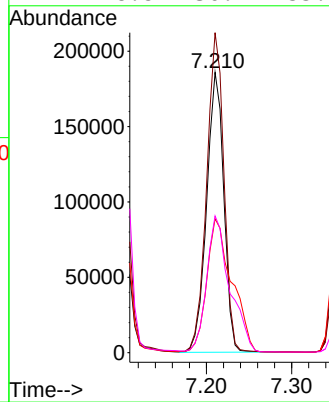
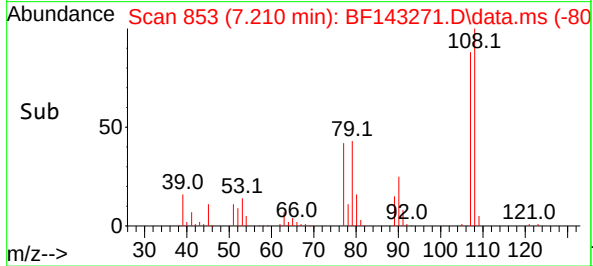
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion:107 Resp: 260245
Ion Ratio Lower Upper
107 100
108 114.2 91.8 137.6
77 47.8 37.0 55.6
79 48.8 36.9 55.3

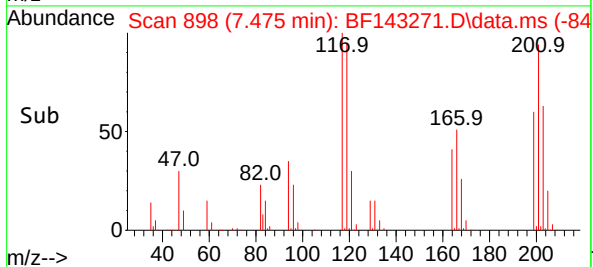
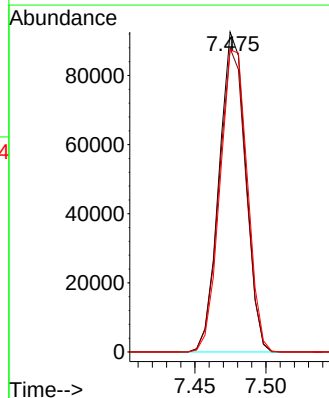
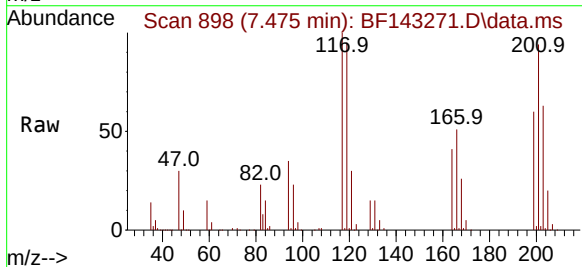
Manual Integrations
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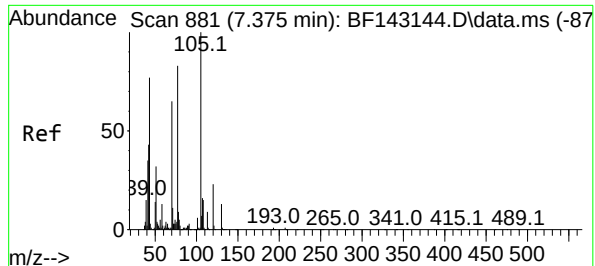
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#18
Hexachloroethane
Concen: 43.273 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:117 Resp: 120447
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.8
201 94.4 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.607 ng

RT: 7.369 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion: 70 Resp: 229920

Ion Ratio Lower Upper

70 100

42 66.4 52.5 78.7

101 9.9 7.6 11.4

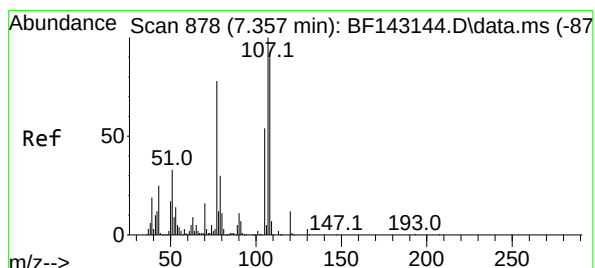
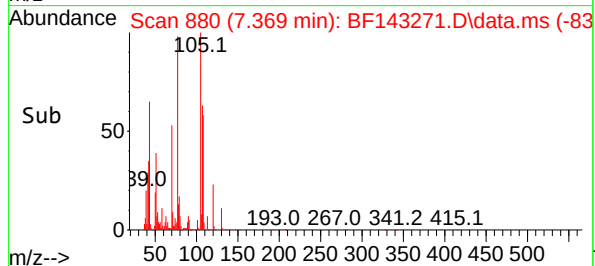
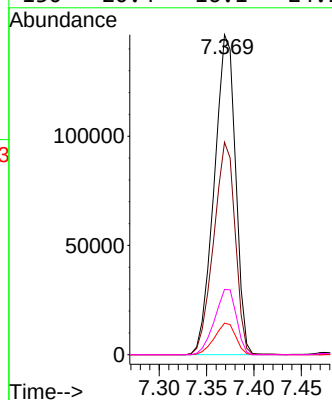
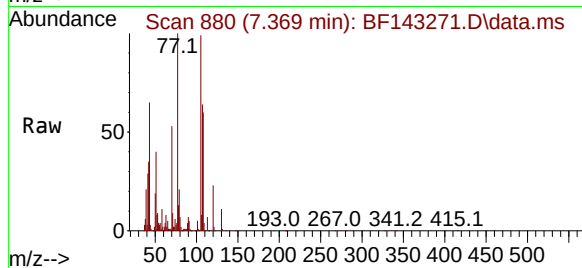
130 20.4 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#20

3+4-Methylphenols

Concen: 41.884 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Tgt Ion:107 Resp: 314028

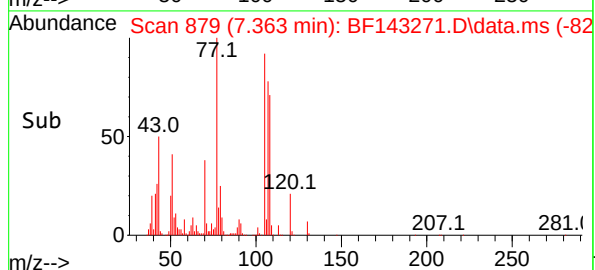
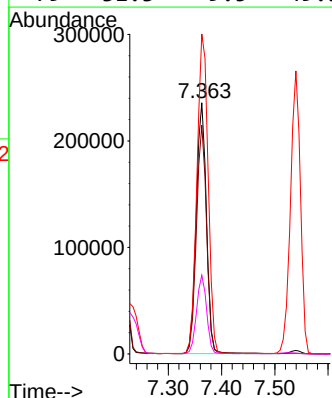
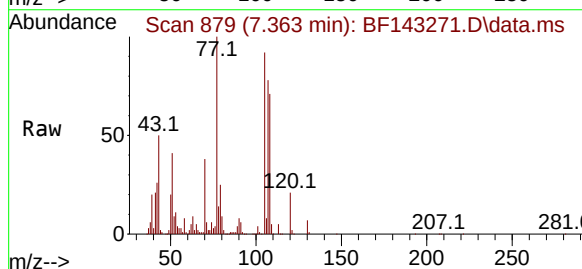
Ion Ratio Lower Upper

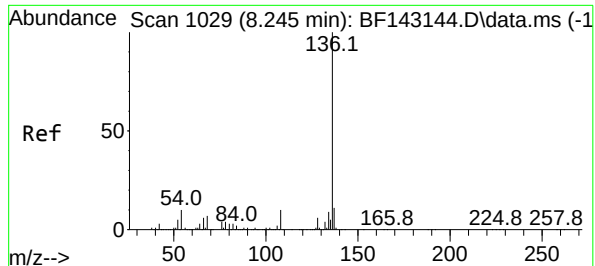
107 100

108 91.0 70.0 110.0

77 127.4 57.8 97.8#

79 31.3 9.5 49.5





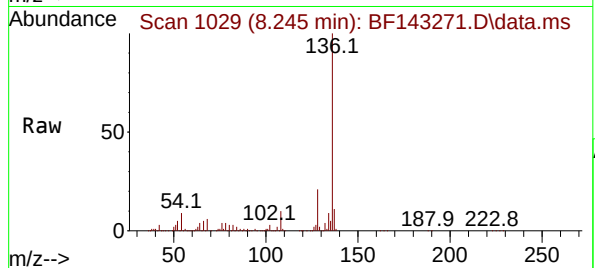
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

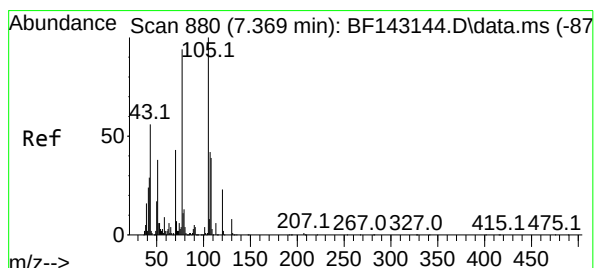
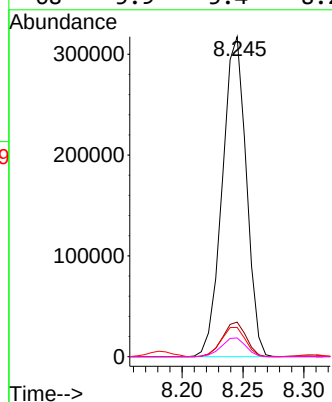
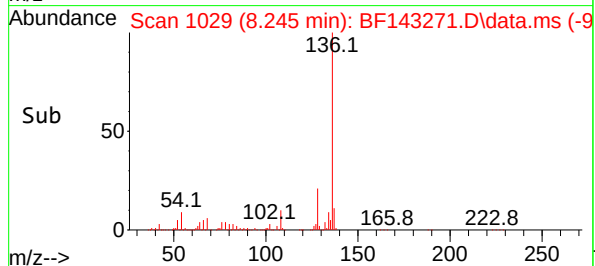


Tgt Ion:136 Resp: 43397
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.2 8.2 12.2
68 5.9 5.4 8.2

Manual Integrations

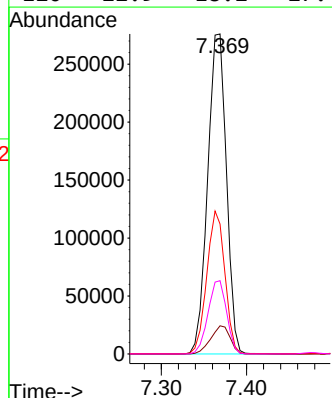
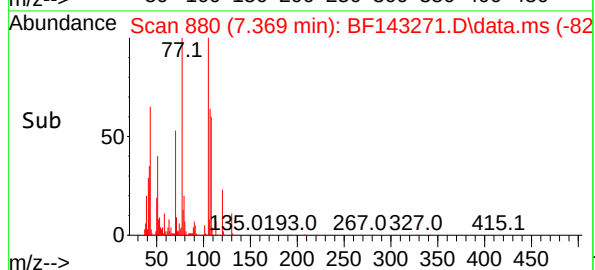
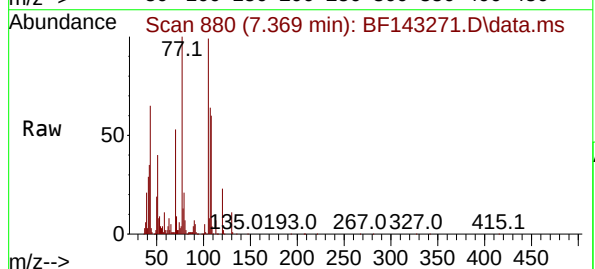
APPROVED

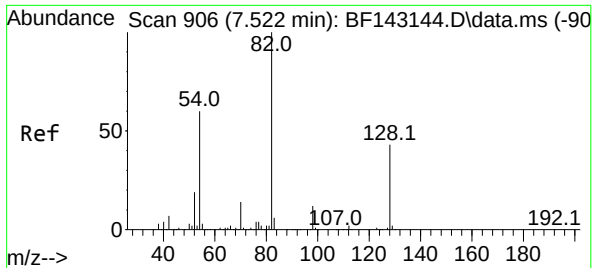
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#22
Acetophenone
Concen: 41.009 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:105 Resp: 421349
Ion Ratio Lower Upper
105 100
71 8.8 5.8 8.6#
51 40.6 30.2 45.2
120 22.9 18.2 27.4





#23

Nitrobenzene-d5

Concen: 74.928 ng

RT: 7.522 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF143271.D

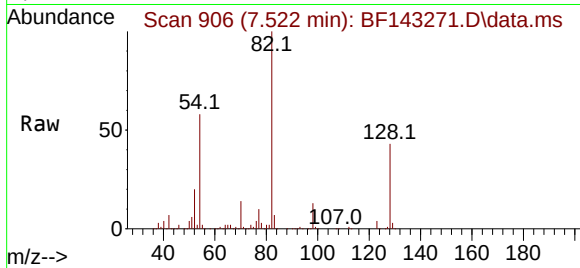
Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS



Tgt Ion: 82 Resp: 652339

Ion Ratio Lower Upper

82 100

128 43.2 33.6 50.4

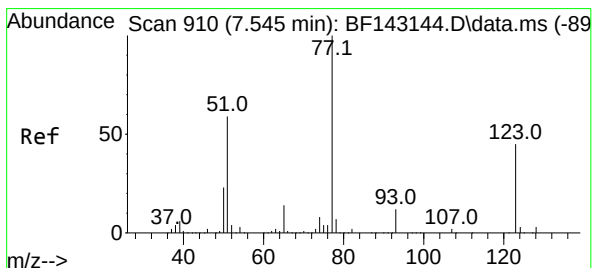
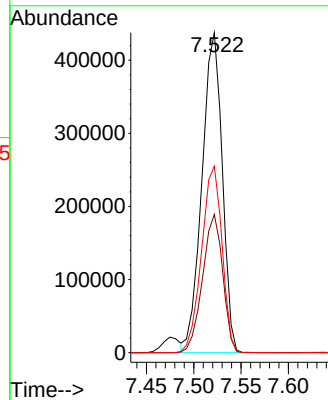
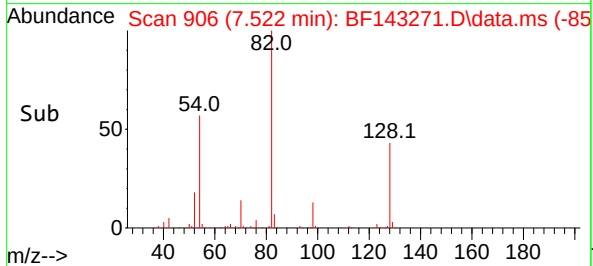
54 58.3 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#24

Nitrobenzene

Concen: 42.709 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

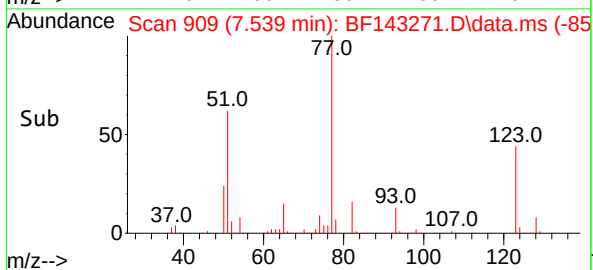
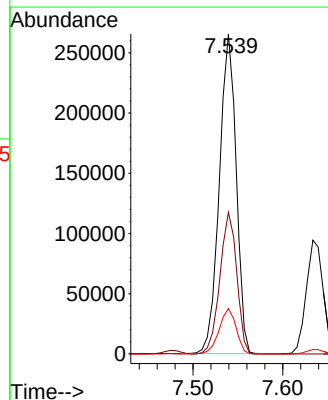
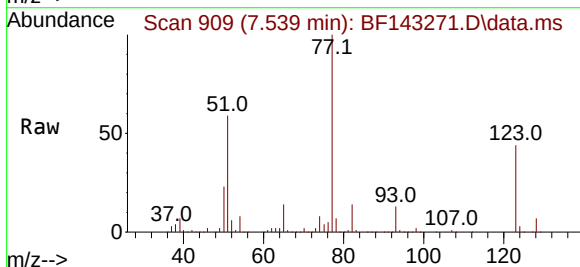
Tgt Ion: 77 Resp: 346666

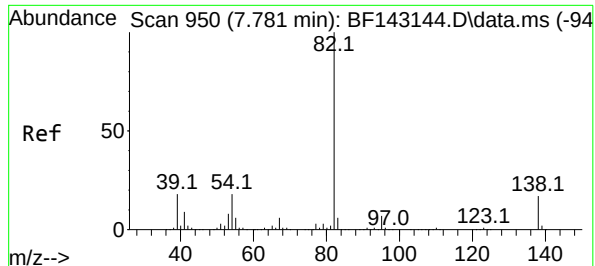
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.2 11.4 17.2





#25

Isophorone

Concen: 41.250 ng

RT: 7.781 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion: 82 Resp: 63398

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

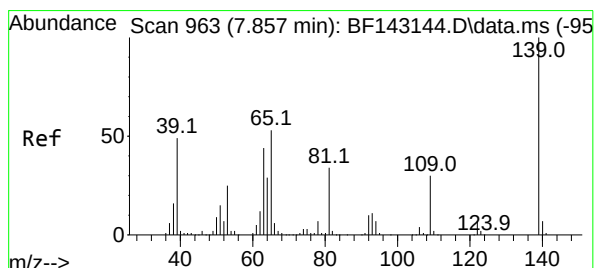
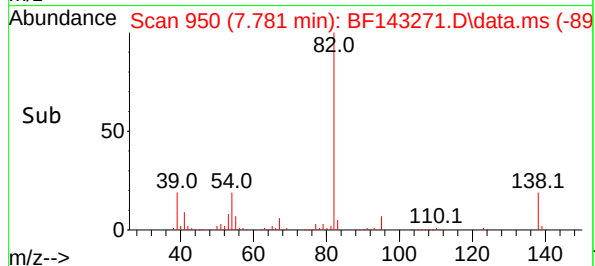
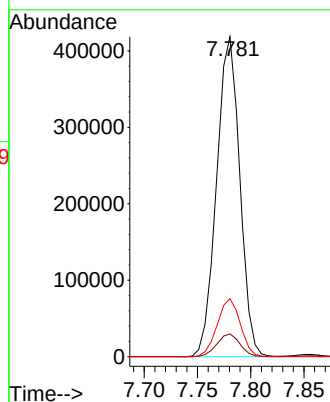
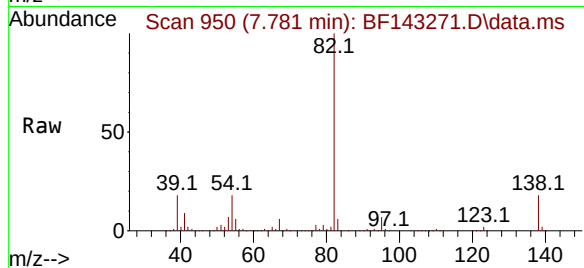
138 18.1 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#26

2-Nitrophenol

Concen: 48.028 ng

RT: 7.857 min Scan# 963

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

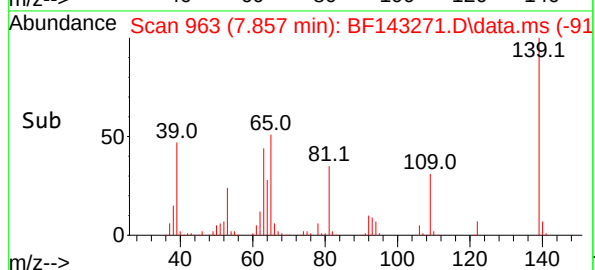
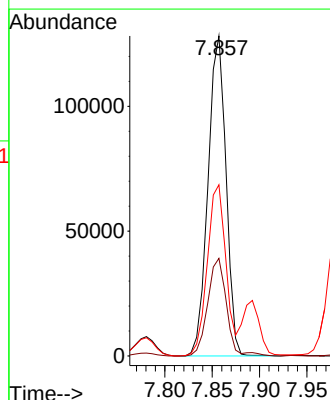
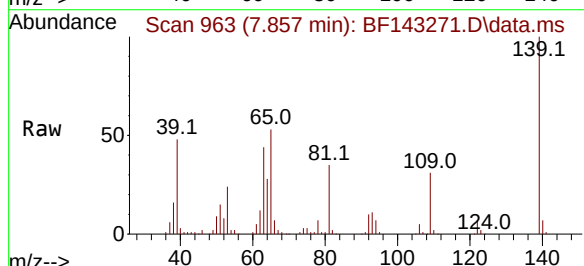
Tgt Ion:139 Resp: 169188

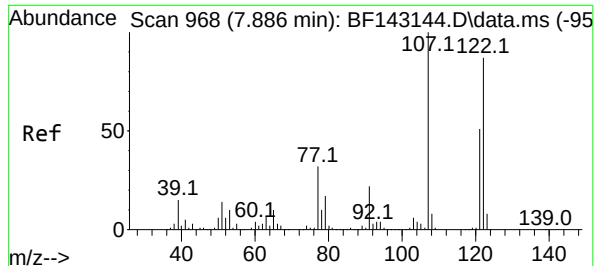
Ion Ratio Lower Upper

139 100

109 30.5 23.6 35.4

65 53.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.730 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:122 Resp: 292468

Ion Ratio Lower Upper

122 100

107 116.0 91.8 137.6

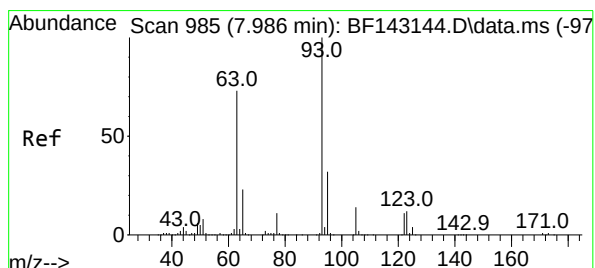
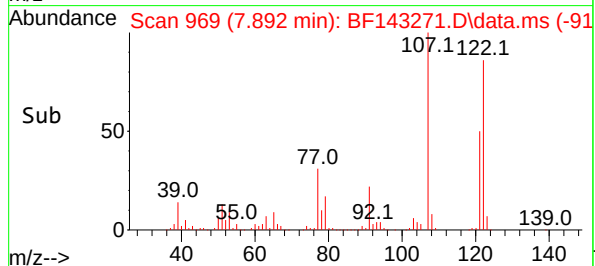
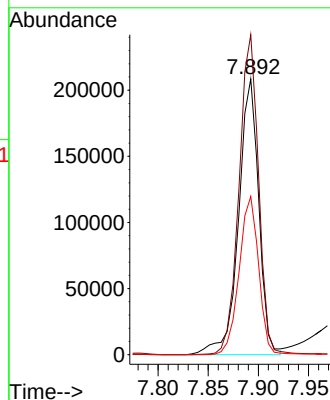
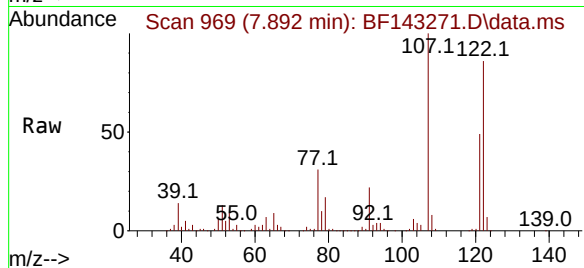
121 57.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.927 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

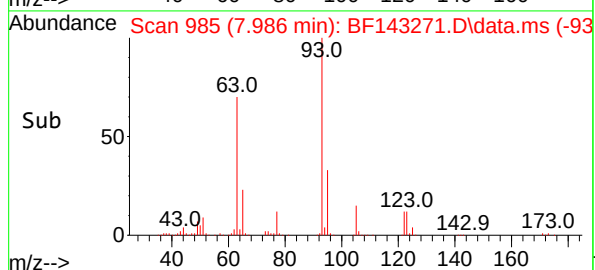
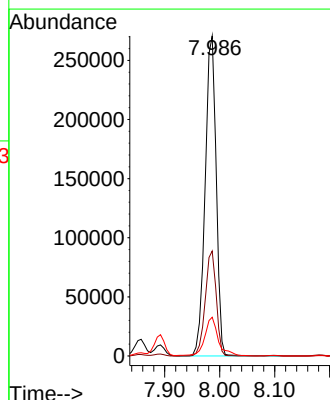
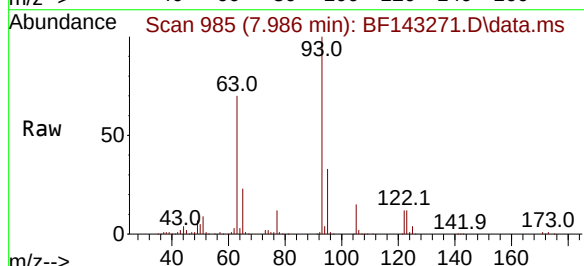
Tgt Ion: 93 Resp: 377136

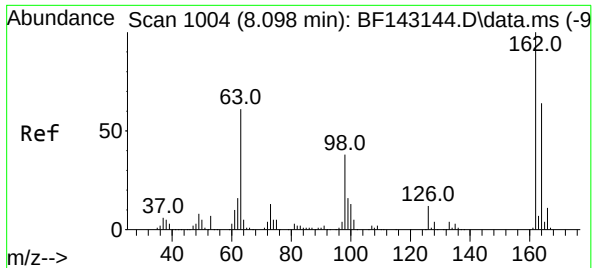
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.299 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:162 Resp: 262208

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

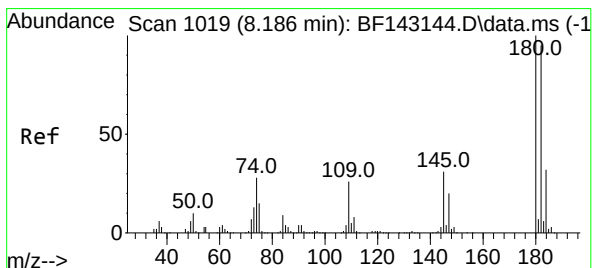
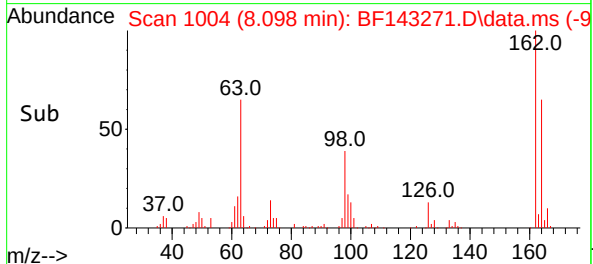
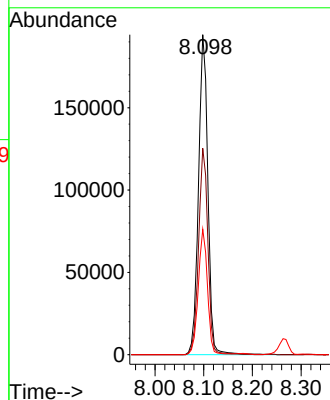
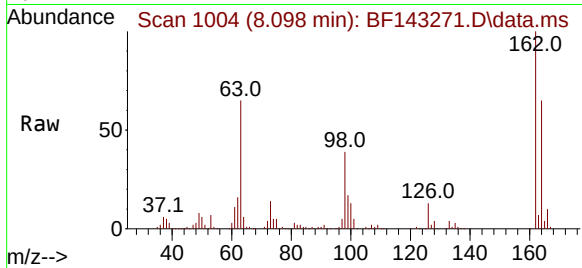
98 39.2 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.281 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

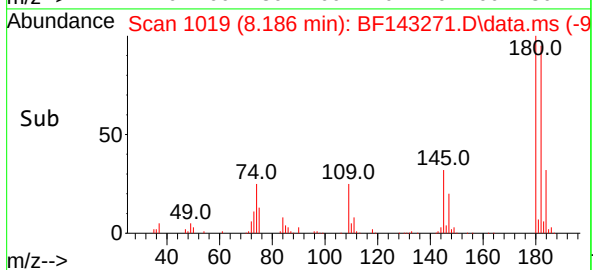
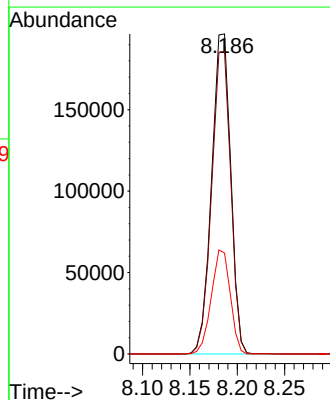
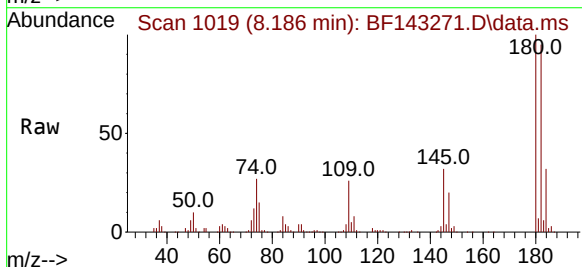
Tgt Ion:180 Resp: 276608

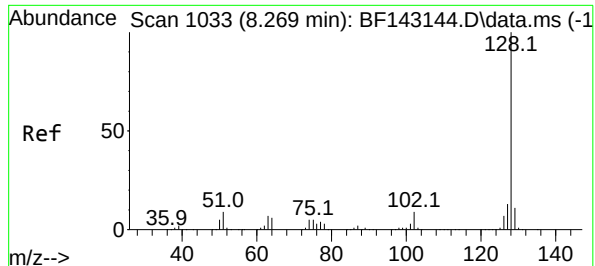
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 31.5 25.0 37.6





#31

Naphthalene

Concen: 41.920 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:128 Resp: 895940

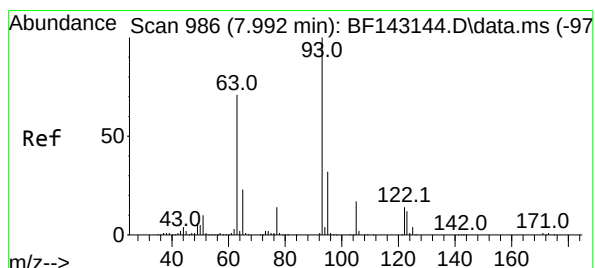
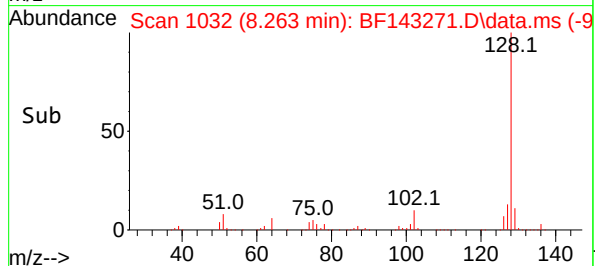
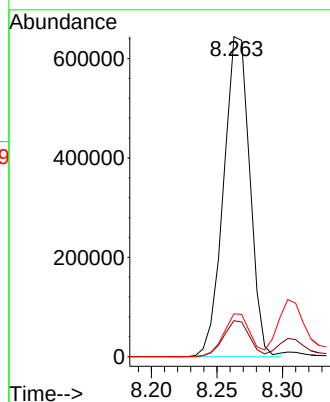
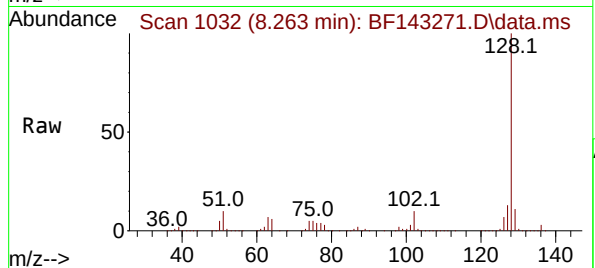
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#32

Benzoic acid

Concen: 43.247 ng

RT: 8.010 min Scan# 989

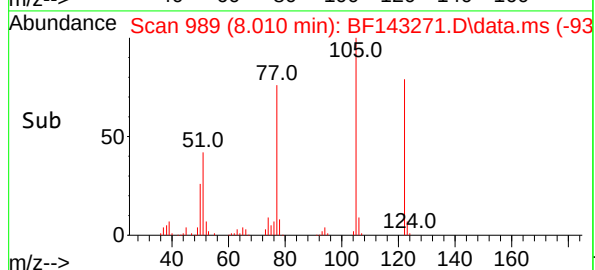
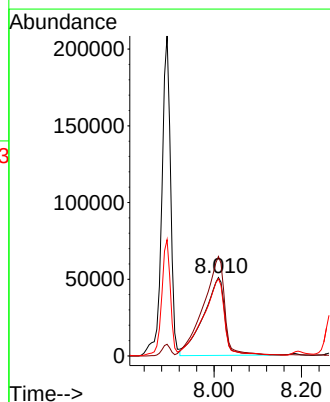
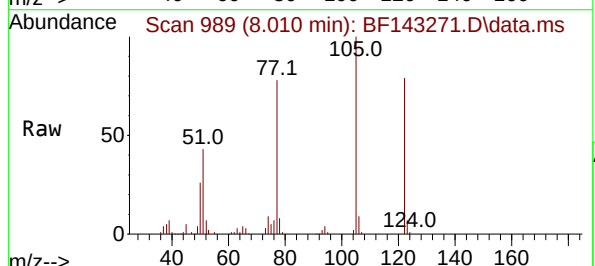
Delta R.T. 0.018 min

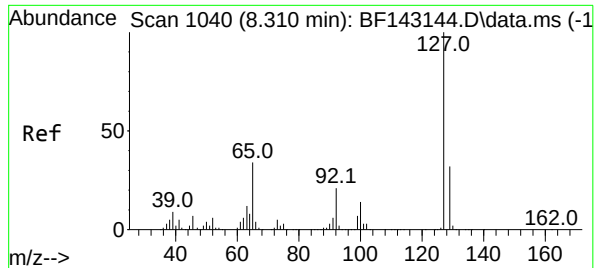
Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Tgt Ion:122 Resp: 172605

Ion	Ratio	Lower	Upper
122	100		
105	126.9	104.8	144.8
77	98.6	77.6	117.6





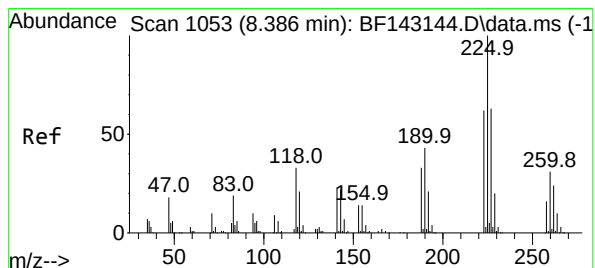
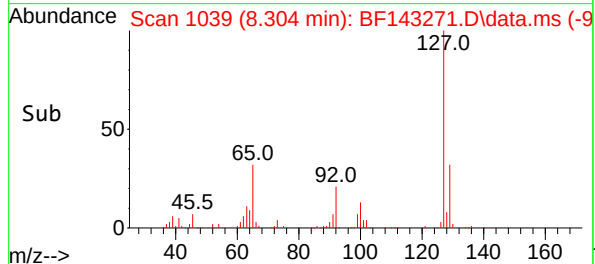
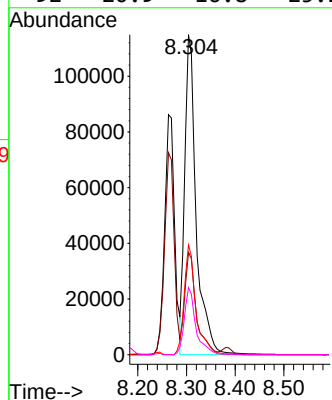
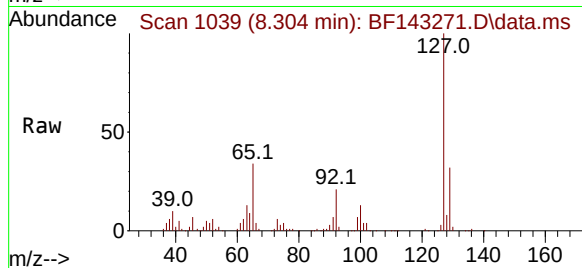
#33
4-Chloroaniline
Concen: 21.583 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :
BNA_F
ClientSampleId :
PB168971BS

Tgt Ion:127 Resp: 18835
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 34.3 27.4 41.2
92 20.9 16.8 25.2

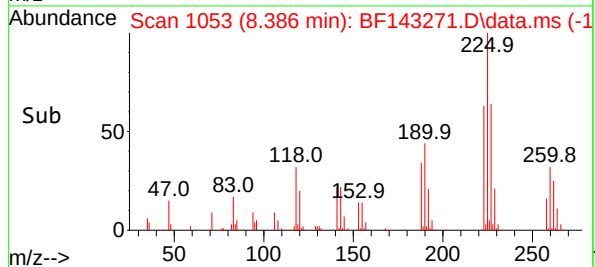
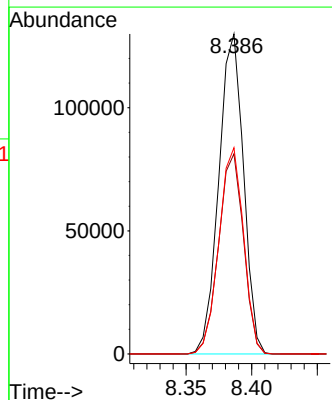
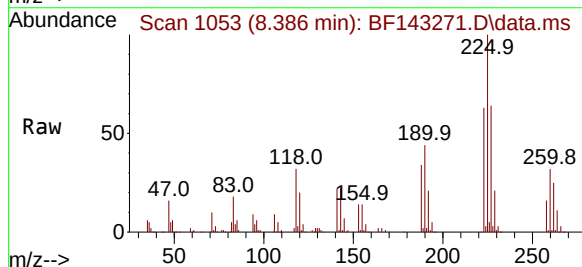
Manual Integrations
APPROVED

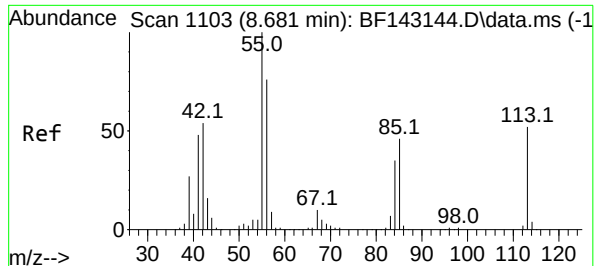
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#34
Hexachlorobutadiene
Concen: 42.596 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:225 Resp: 170235
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.6
227 64.5 50.2 75.4





#35

Caprolactam

Concen: 48.719 ng m

RT: 8.681 min Scan# 1103

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:113 Resp: 8915

Ion Ratio Lower Upper

113 100

55 190.5 174.0 214.0

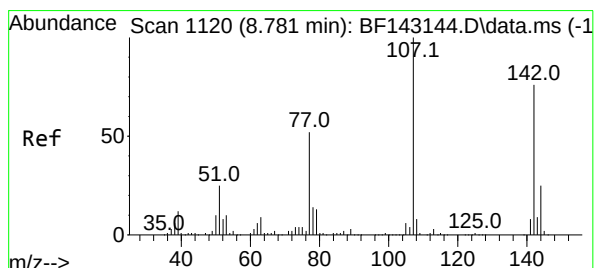
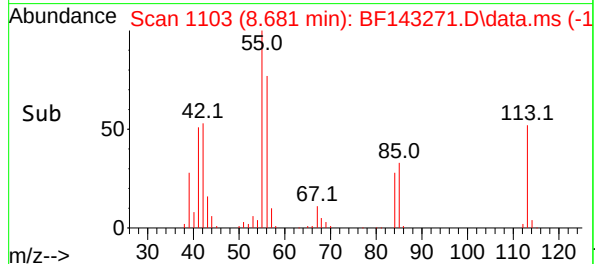
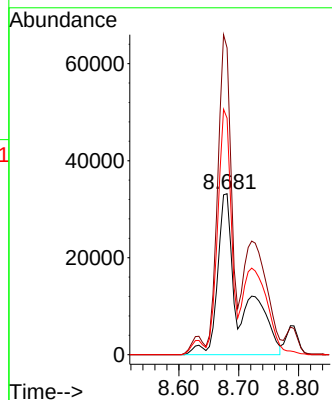
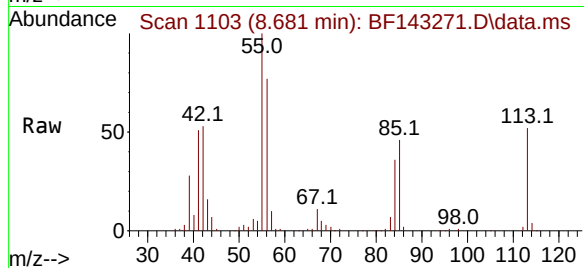
56 146.9 126.6 166.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#36

4-Chloro-3-methylphenol

Concen: 43.947 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

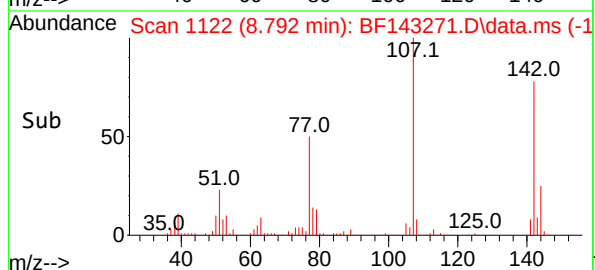
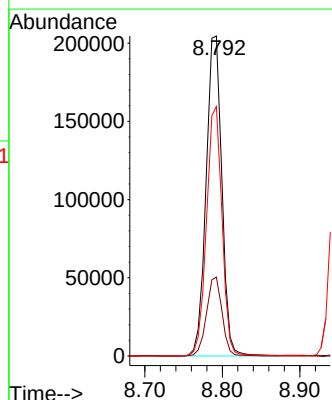
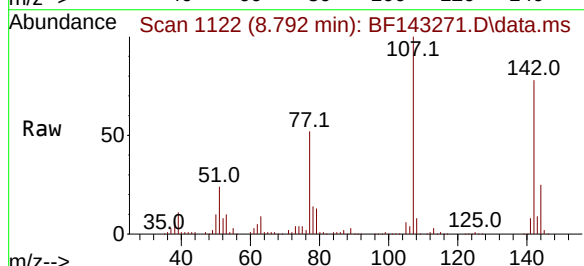
Tgt Ion:107 Resp: 289254

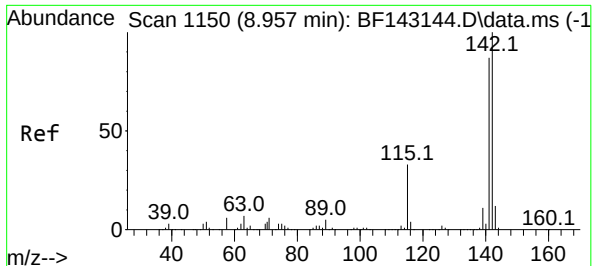
Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.6

142 77.9 60.6 90.8





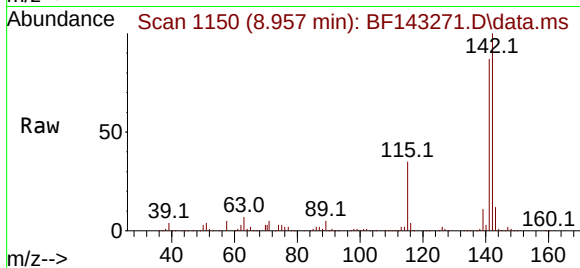
#37
2-Methylnaphthalene
Concen: 42.473 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

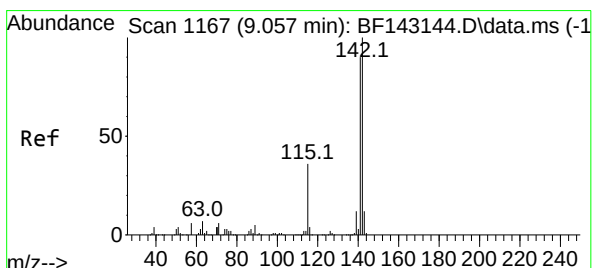
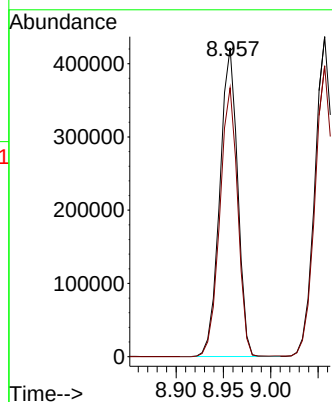
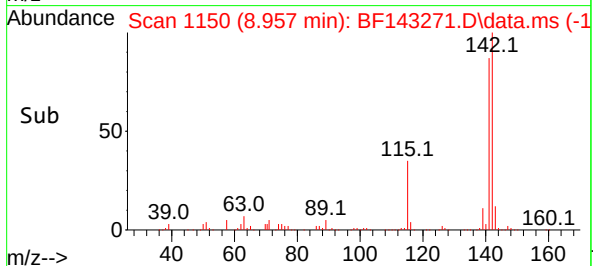


Tgt Ion:142 Resp: 552380
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9

Manual Integrations

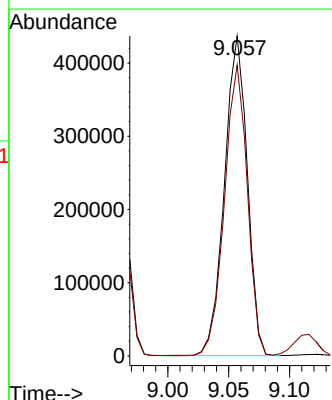
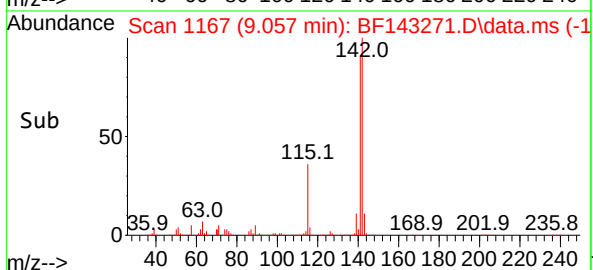
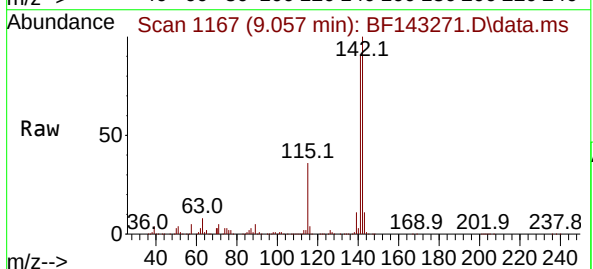
APPROVED

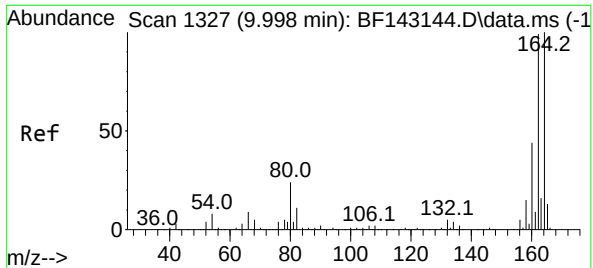
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#38
1-Methylnaphthalene
Concen: 42.597 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

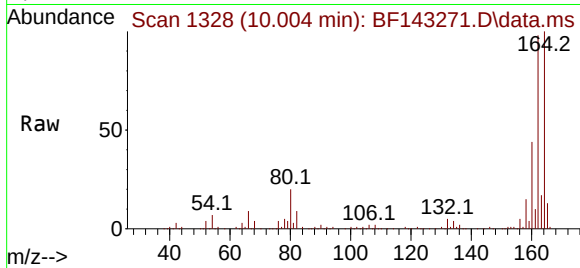
Tgt Ion:142 Resp: 570488
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

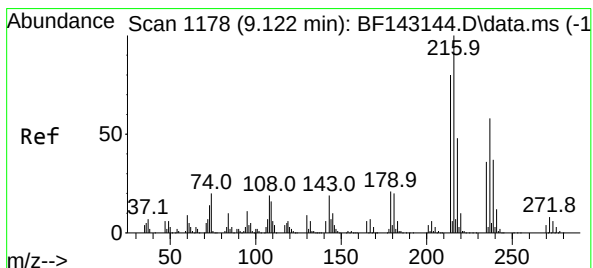
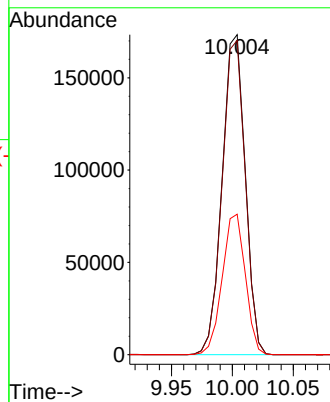
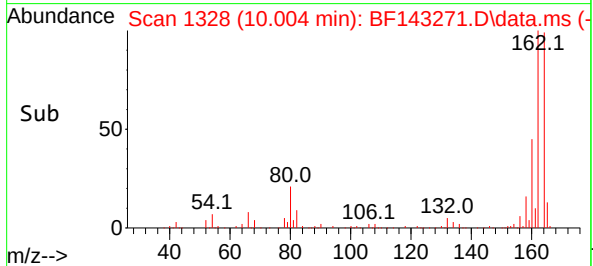
Instrument :
BNA_F
ClientSampleId :
PB168971BS



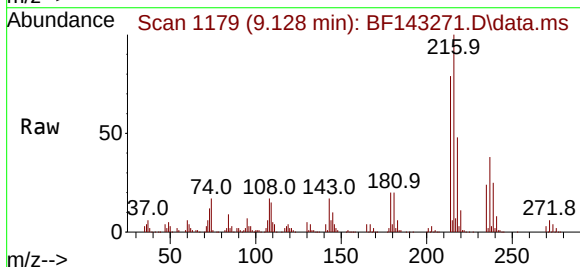
Tgt Ion:164 Resp: 22963
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 43.9 35.1 52.7

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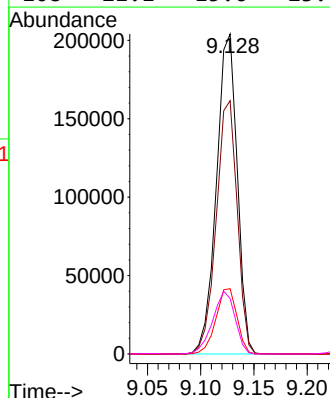
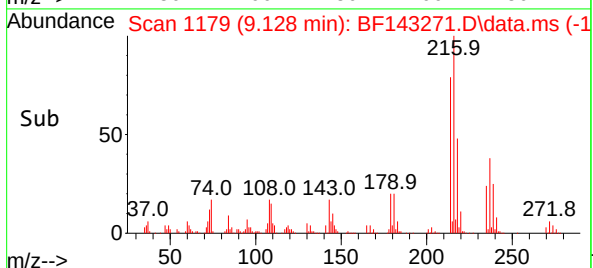
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

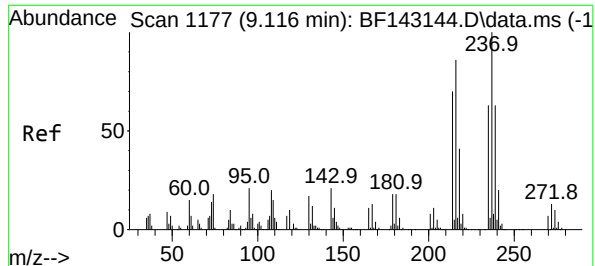


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.726 ng
RT: 9.128 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:216 Resp: 276636
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.8
179 20.6 16.4 24.6
108 21.1 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 78.996 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:237 Resp: 34077

Ion Ratio Lower Upper

237 100

235 63.1 43.0 83.0

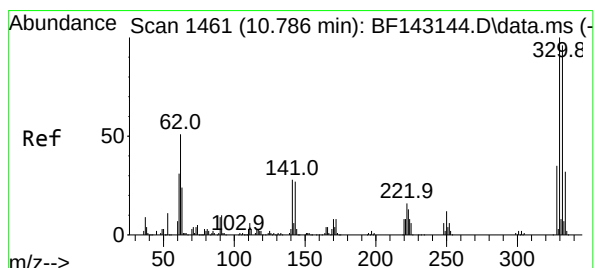
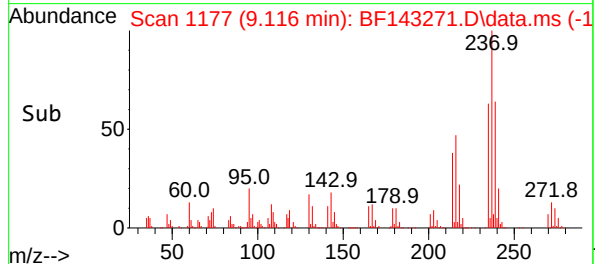
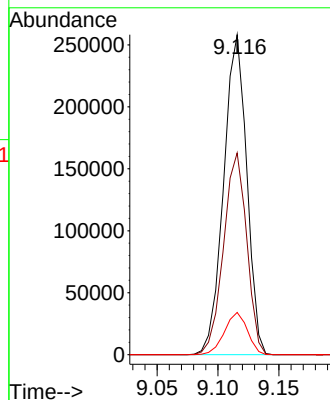
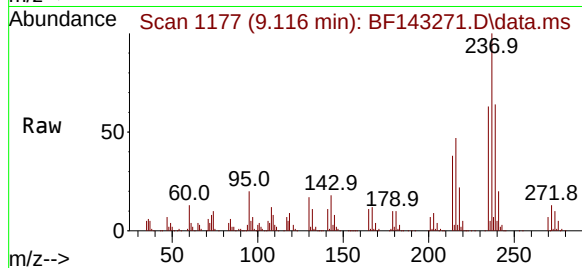
272 13.2 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#42

2,4,6-Tribromophenol

Concen: 128.940 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

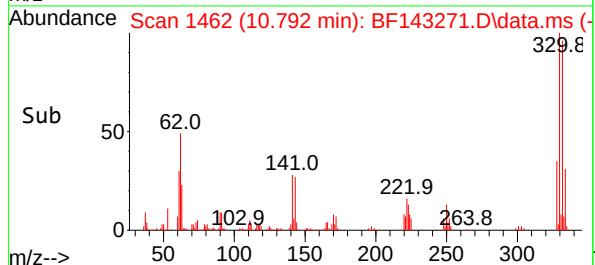
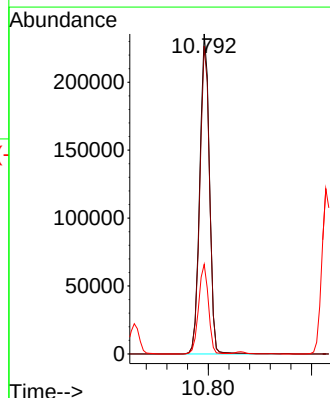
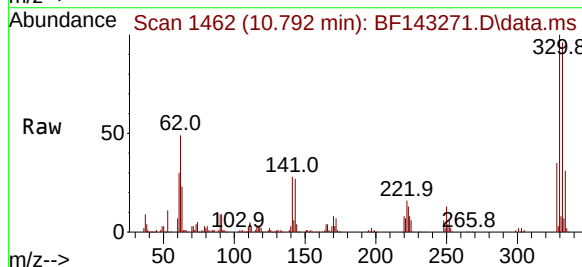
Tgt Ion:330 Resp: 305877

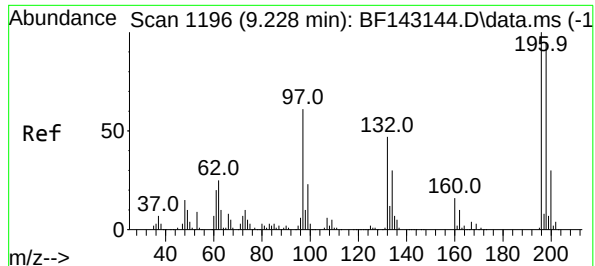
Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

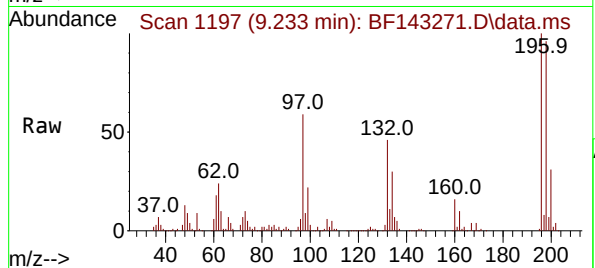
141 28.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 41.956 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

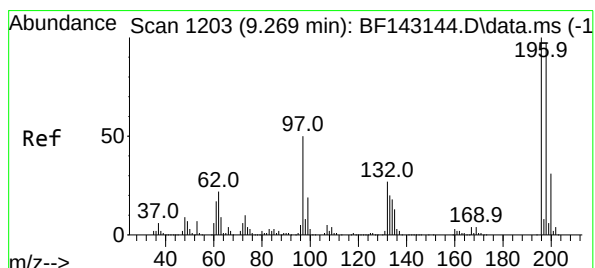
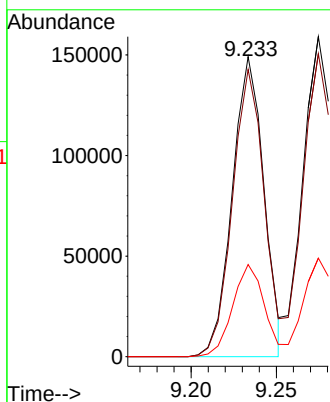
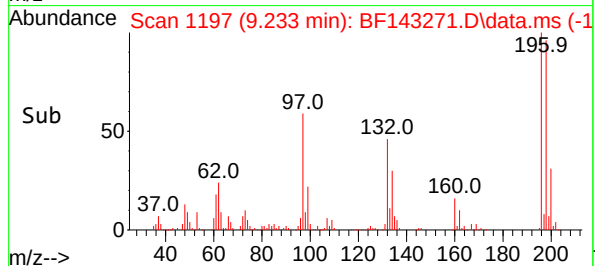
Instrument :
BNA_F
ClientSampleId :
PB168971BS



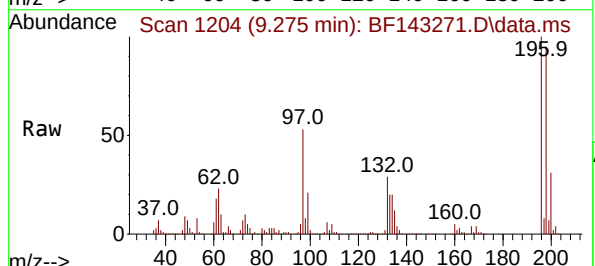
Tgt Ion:196 Resp: 19251
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 30.7 23.9 35.9

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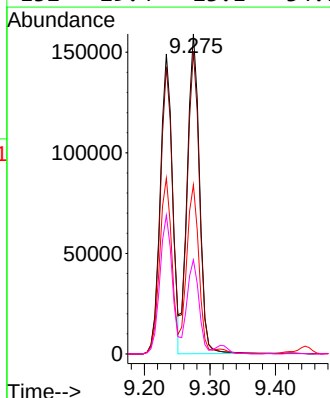
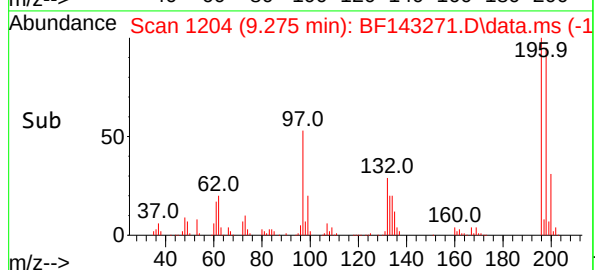
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

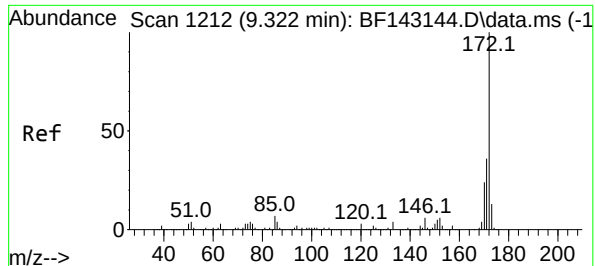


#44
2,4,5-Trichlorophenol
Concen: 44.771 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:196 Resp: 205487
Ion Ratio Lower Upper
196 100
198 94.7 77.3 115.9
97 52.9 40.3 60.5
132 29.4 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 72.680 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:172 Resp: 122034

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

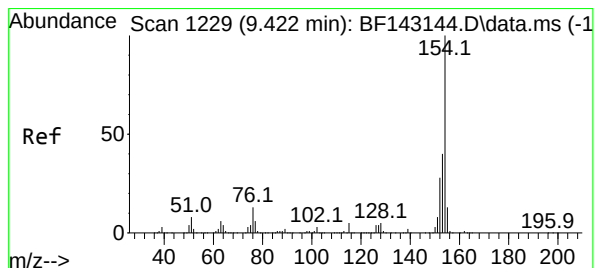
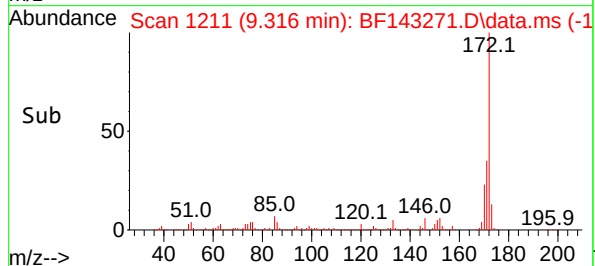
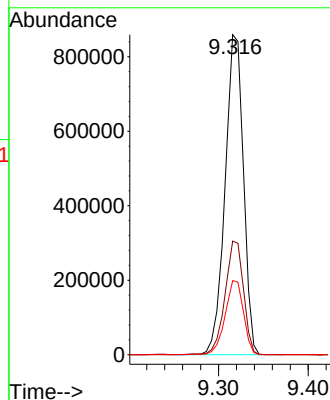
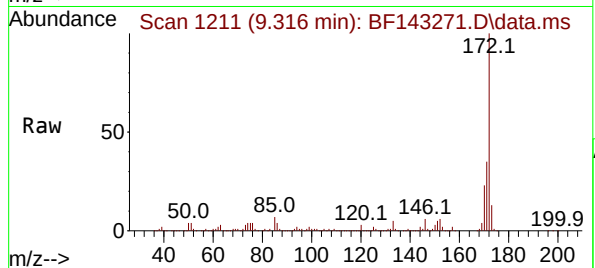
170 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#46

1,1'-Biphenyl

Concen: 42.351 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

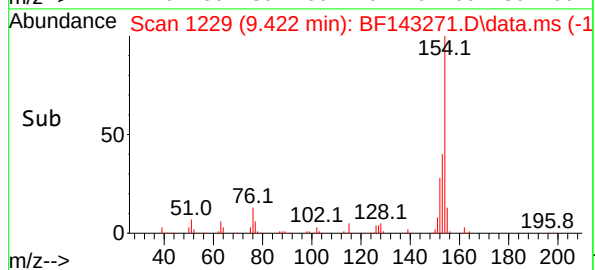
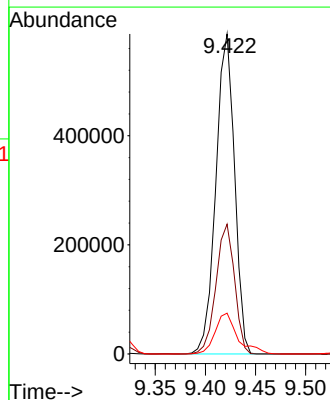
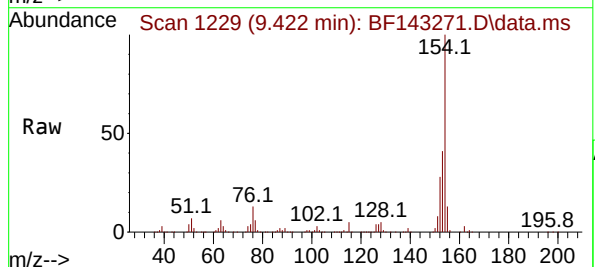
Tgt Ion:154 Resp: 758765

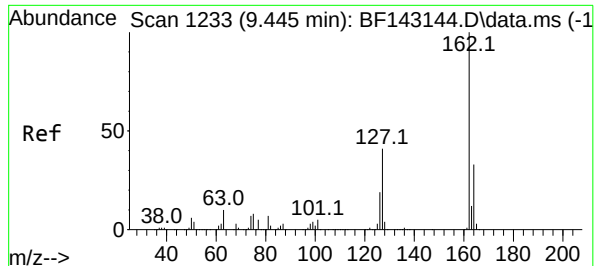
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 41.861 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:162 Resp: 55492

Ion Ratio Lower Upper

162 100

127 42.6 33.4 50.2

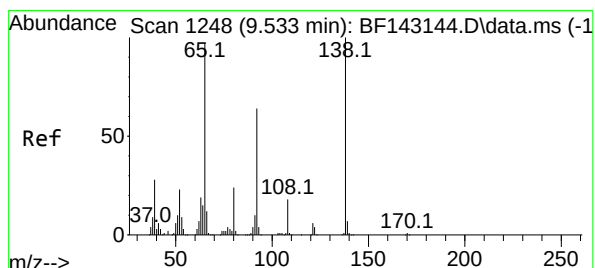
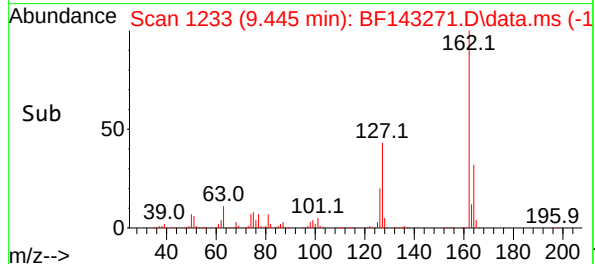
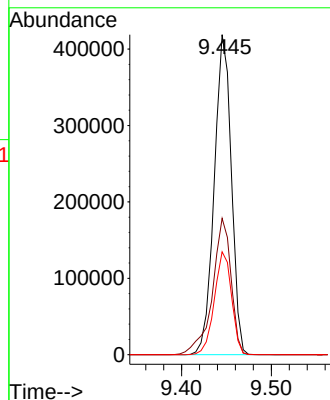
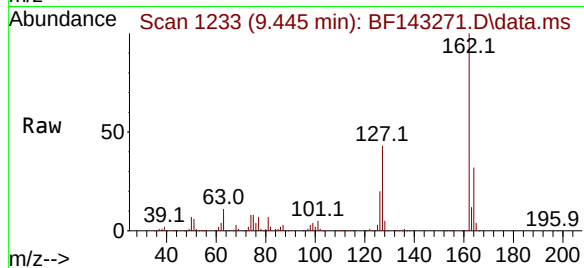
164 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#48

2-Nitroaniline

Concen: 47.296 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

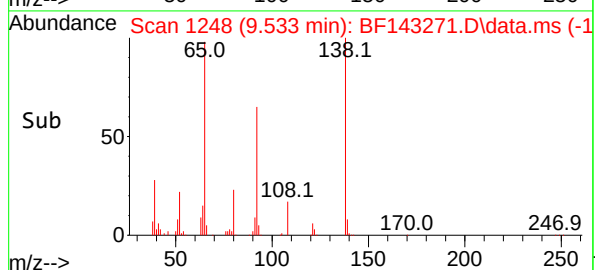
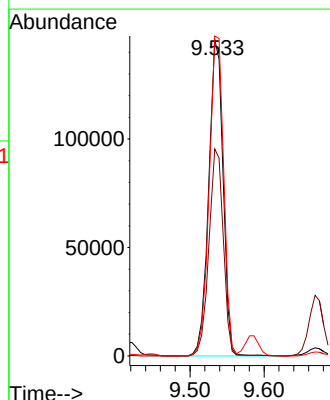
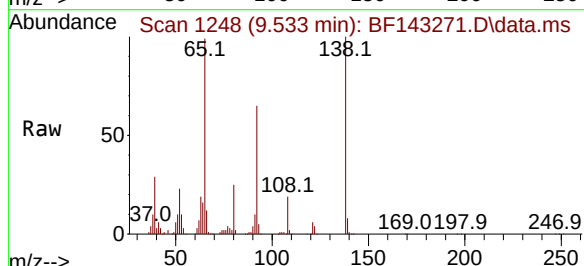
Tgt Ion: 65 Resp: 196618

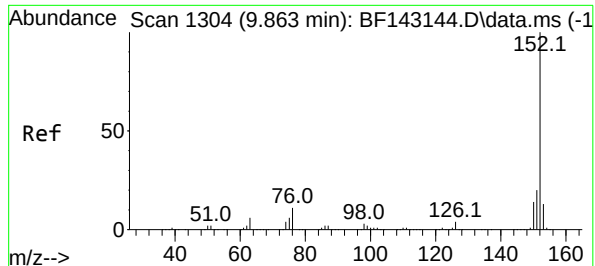
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 101.1 82.3 123.5





#49

Acenaphthylene

Concen: 42.620 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:152 Resp: 94683

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

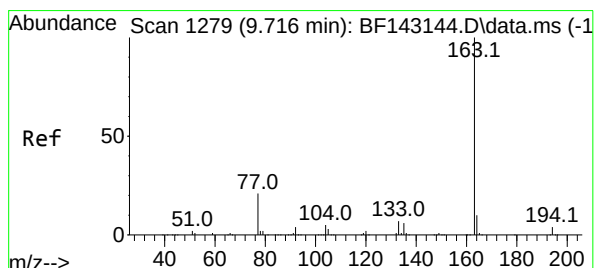
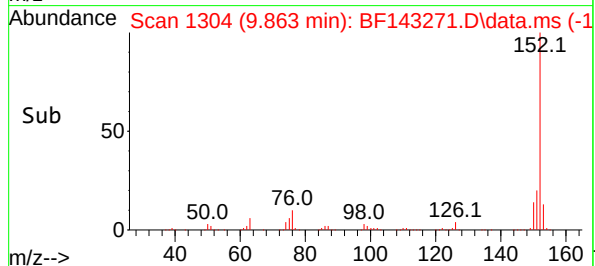
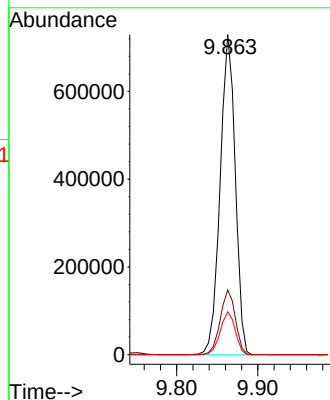
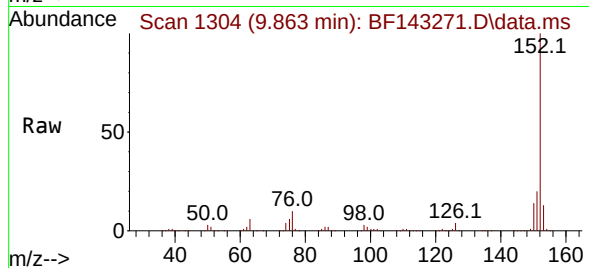
153 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#50

Dimethylphthalate

Concen: 44.853 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

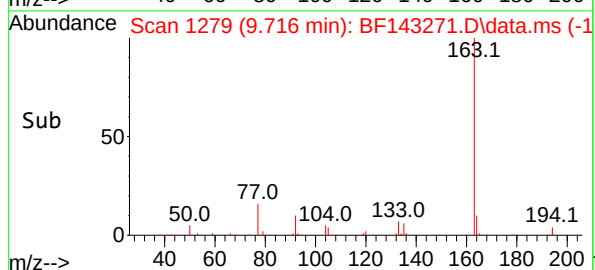
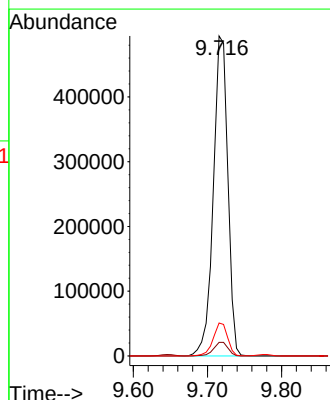
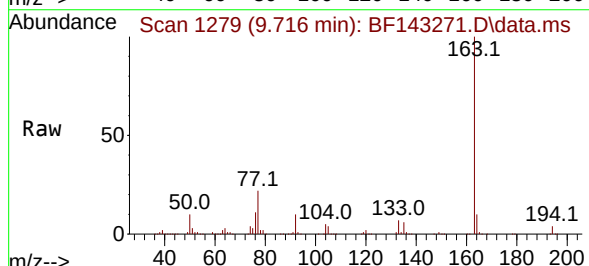
Tgt Ion:163 Resp: 671368

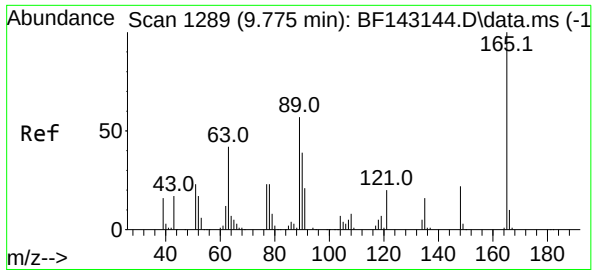
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

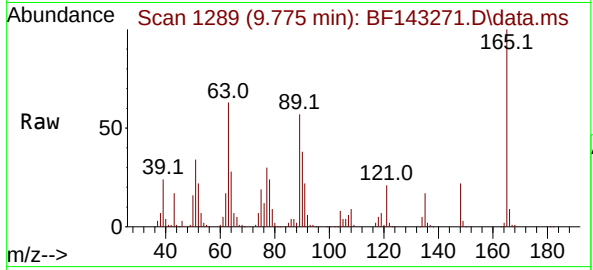
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.866 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

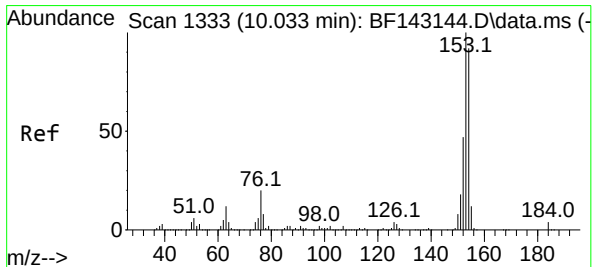
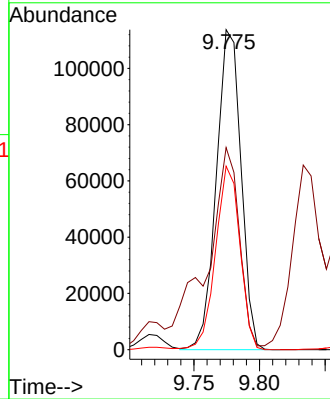
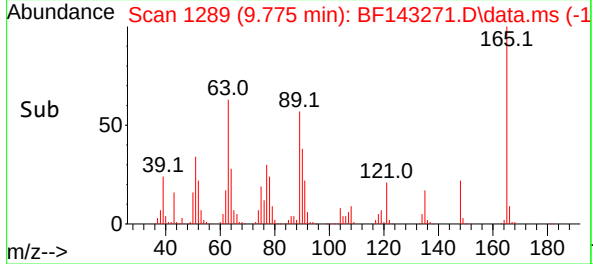
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion:165 Resp: 148794
Ion Ratio Lower Upper
165 100
63 63.1 49.4 74.2
89 57.3 46.2 69.2

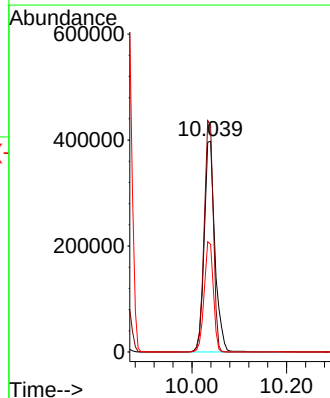
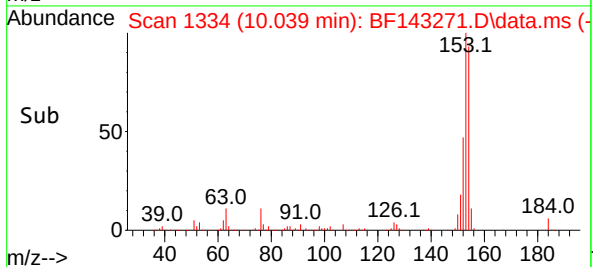
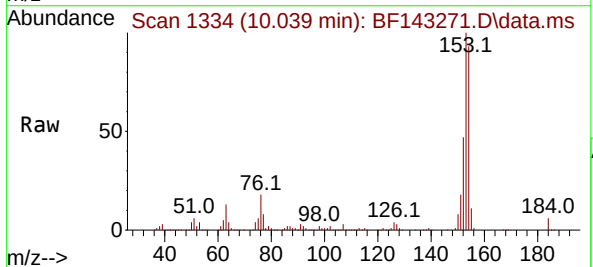
Manual Integrations
APPROVED

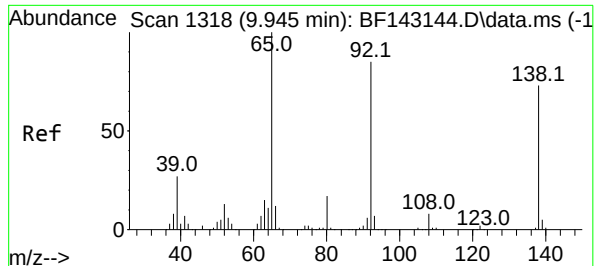
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#52
Acenaphthene
Concen: 47.598 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:154 Resp: 624989
Ion Ratio Lower Upper
154 100
153 107.7 86.6 129.8
152 51.1 40.4 60.6





#53

3-Nitroaniline

Concen: 31.846 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:138 Resp: 11342

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.6

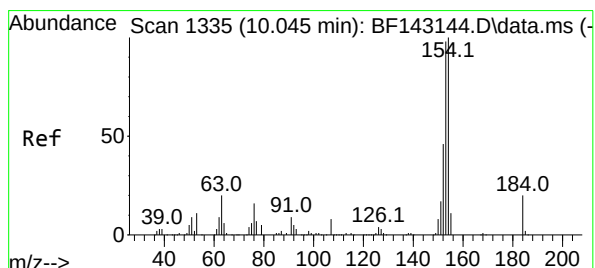
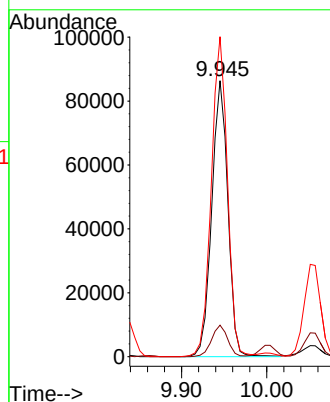
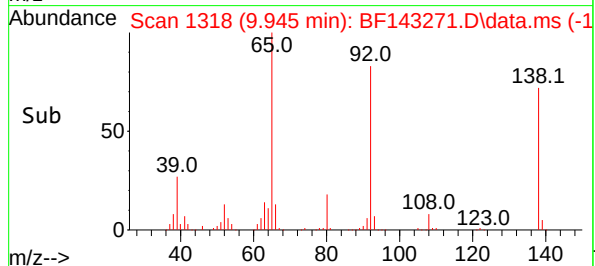
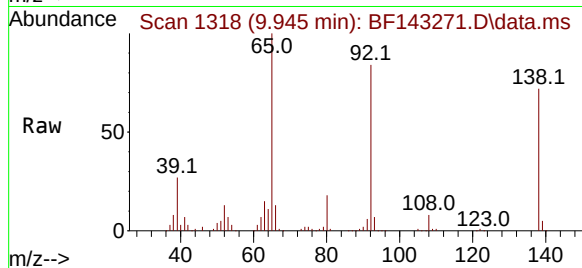
92 115.9 93.0 139.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#54

2,4-Dinitrophenol

Concen: 112.746 ng

RT: 10.057 min Scan# 1337

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

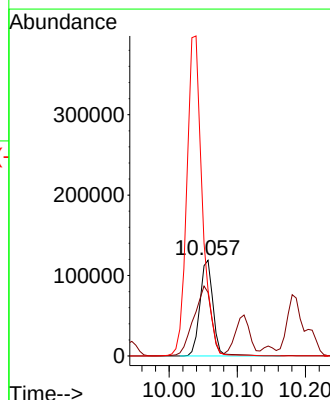
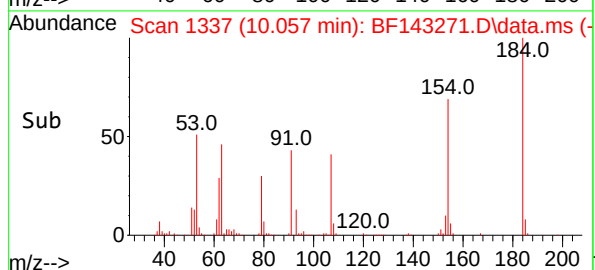
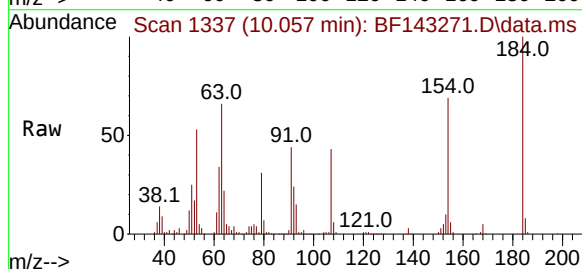
Tgt Ion:184 Resp: 159701

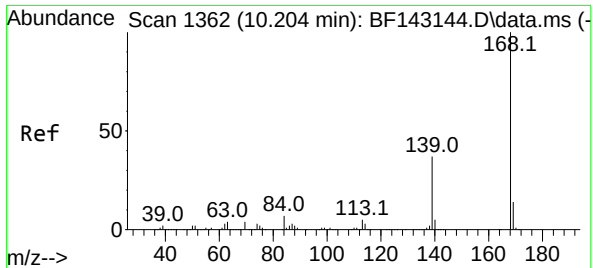
Ion Ratio Lower Upper

184 100

63 66.5 81.8 122.6#

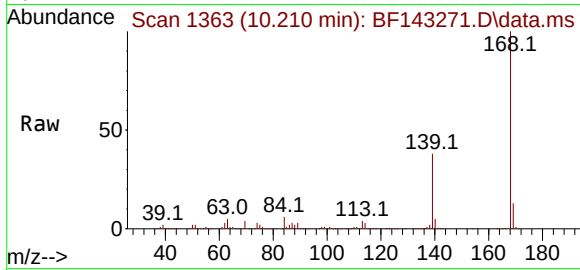
154 69.0 412.2 618.4#





#55
Dibenzenofuran
Concen: 42.107 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

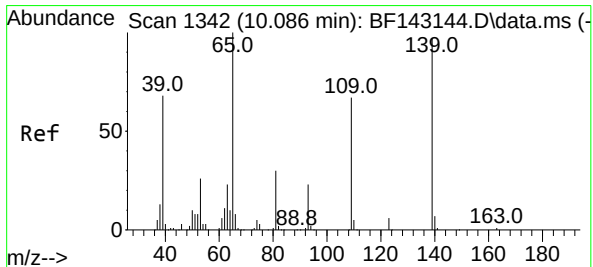
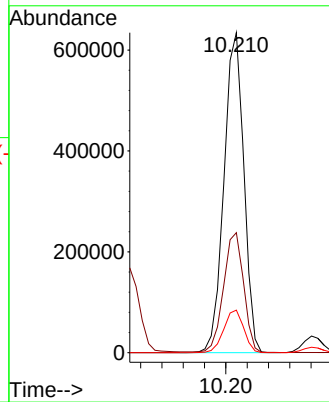
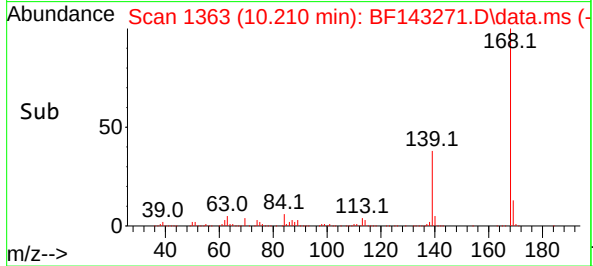
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion:168 Resp: 82087
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3
169 13.3 10.9 16.3

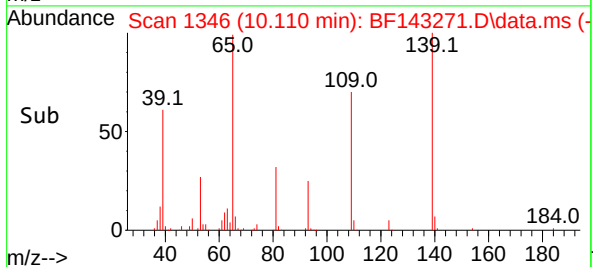
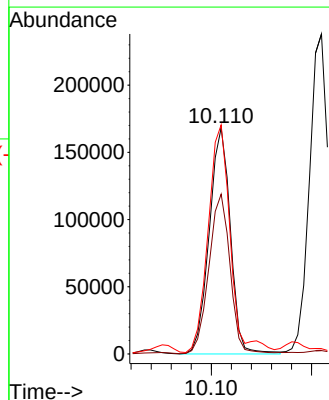
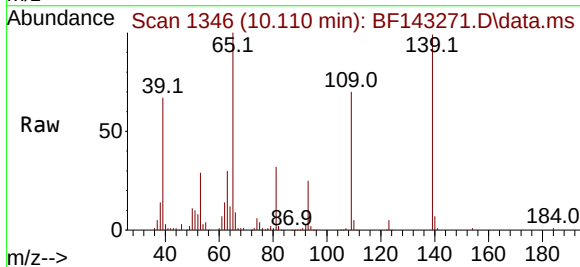
Manual Integrations
APPROVED

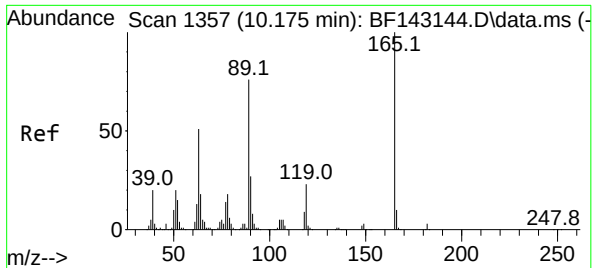
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#56
4-Nitrophenol
Concen: 92.807 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.023 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

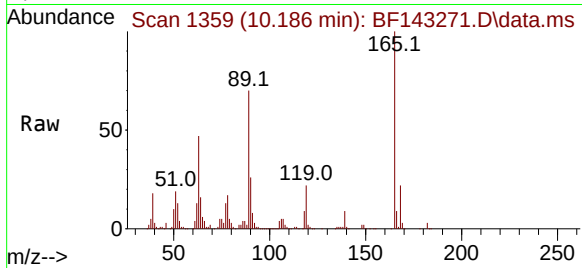
Tgt Ion:139 Resp: 246829
Ion Ratio Lower Upper
139 100
109 70.7 48.5 88.5
65 101.4 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 53.104 ng
RT: 10.186 min Scan# 1357
Delta R.T. 0.012 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

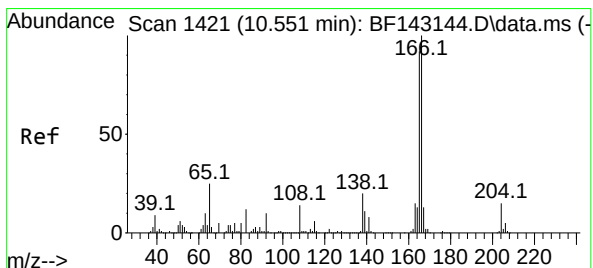
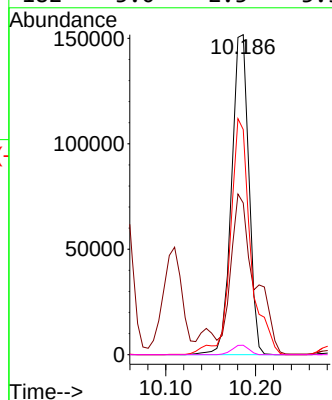
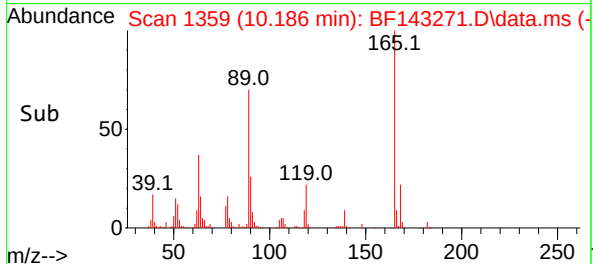
Instrument :
BNA_F
ClientSampleId :
PB168971BS



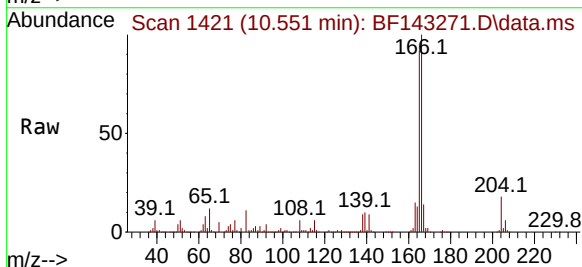
Tgt Ion:165 Resp: 20286
Ion Ratio Lower Upper
165 100
63 47.4 41.0 61.4
89 70.3 61.1 91.7
182 3.0 2.3 3.5

Manual Integrations
APPROVED

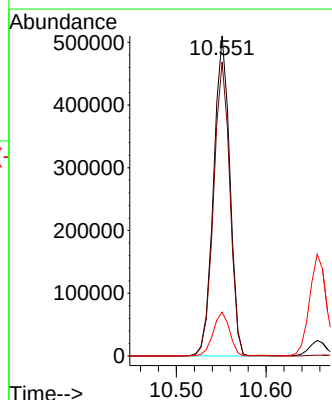
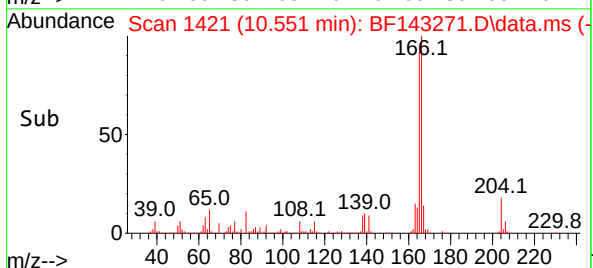
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

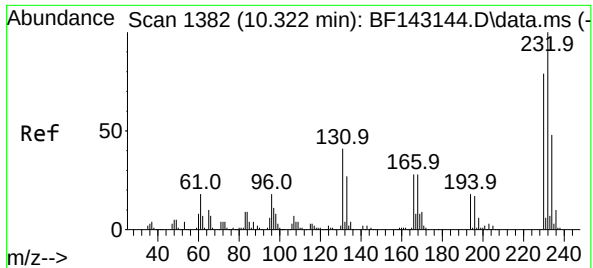


#58
Fluorene
Concen: 43.805 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



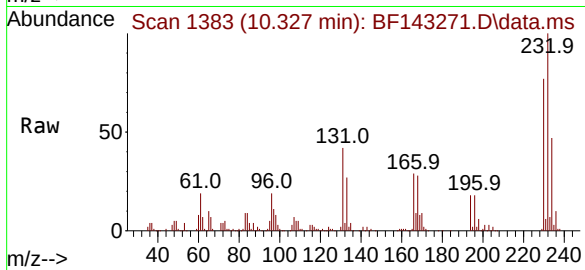
Tgt Ion:166 Resp: 640925
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.130 ng
RT: 10.327 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

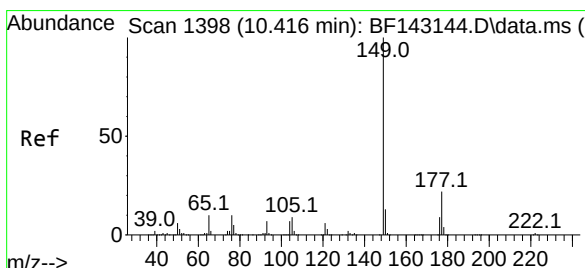
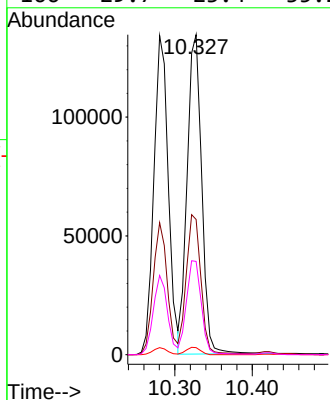
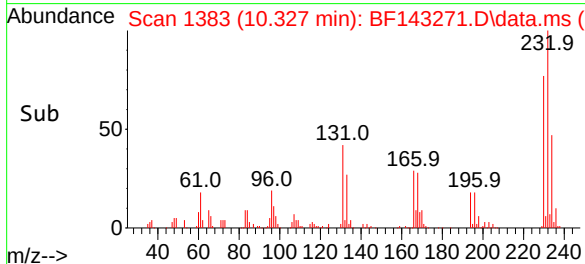
Instrument :
BNA_F
ClientSampleId :
PB168971BS



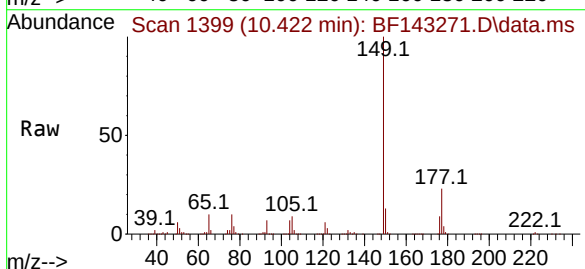
Tgt Ion:232 Resp: 17538
Ion Ratio Lower Upper
232 100
131 44.4 35.3 52.9
130 2.3 1.7 2.5
166 29.7 23.4 35.2

Manual Integrations
APPROVED

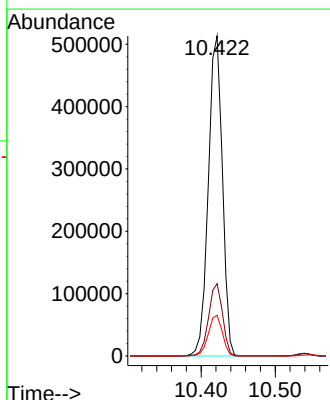
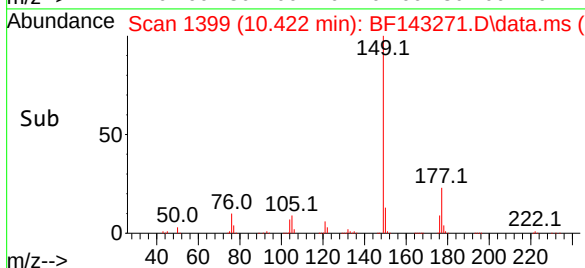
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

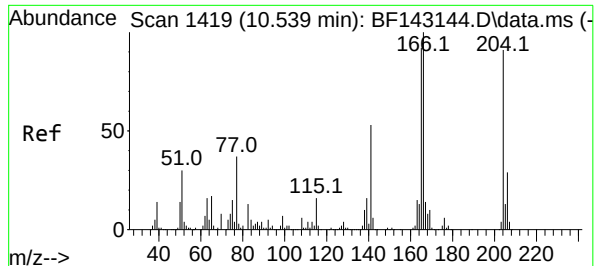


#60
Diethylphthalate
Concen: 45.742 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



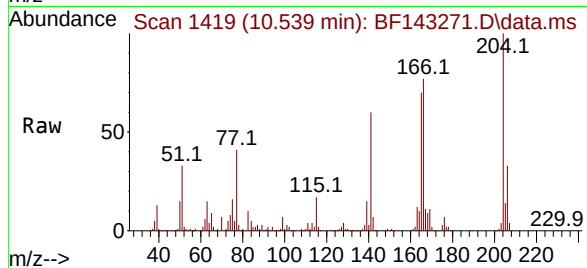
Tgt Ion:149 Resp: 676727
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.512 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

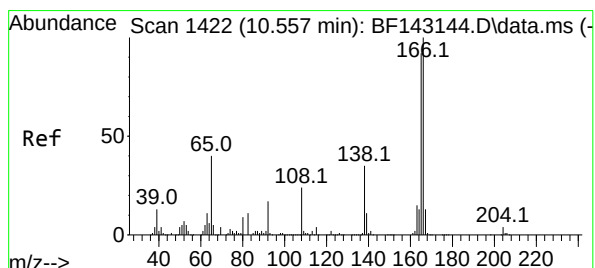
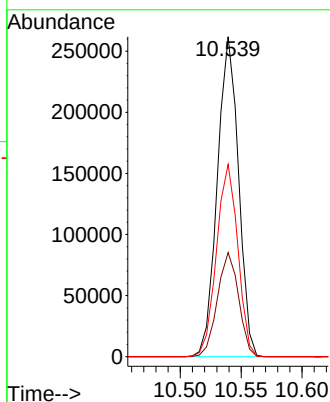
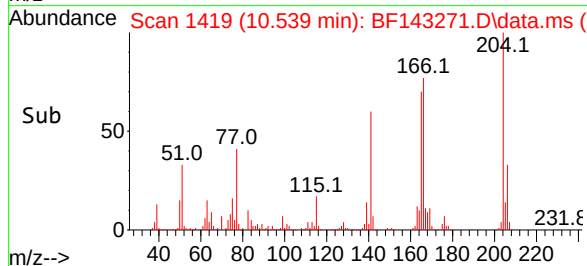
Instrument :
BNA_F
ClientSampleId :
PB168971BS



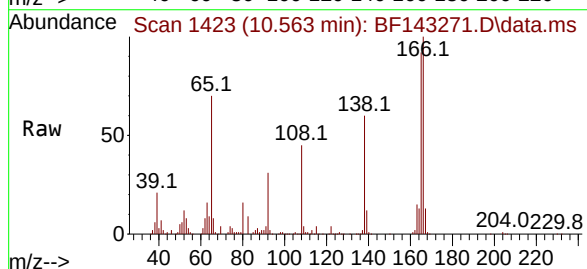
Tgt Ion:204 Resp: 31700
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 60.1 47.0 70.4

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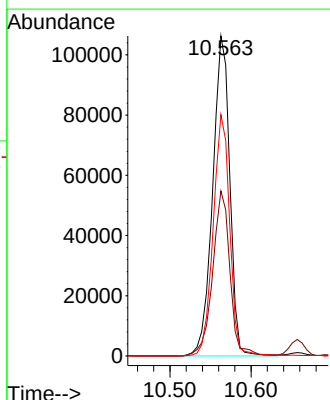
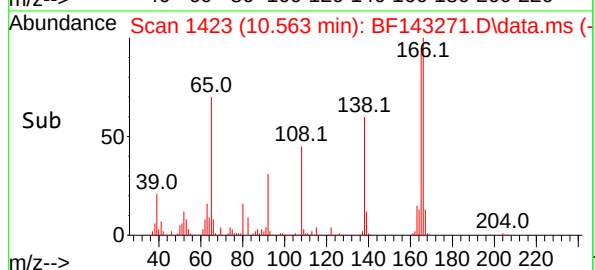
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

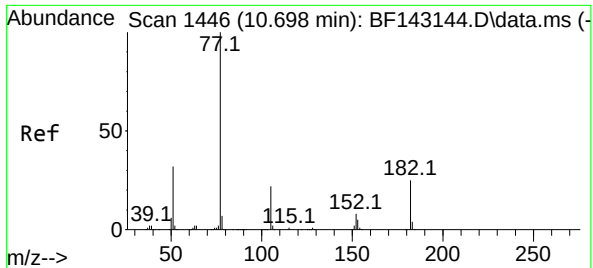


#62
4-Nitroaniline
Concen: 51.094 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



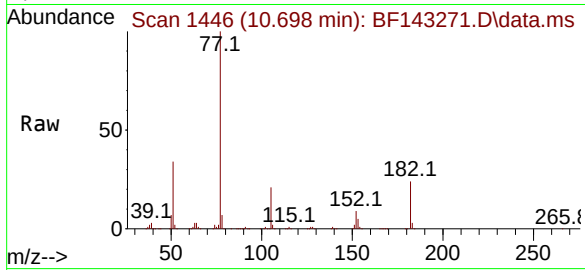
Tgt Ion:138 Resp: 155962
Ion Ratio Lower Upper
138 100
92 51.5 29.3 69.3
108 75.4 48.3 88.3





#63
Azobenzene
Concen: 43.033 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

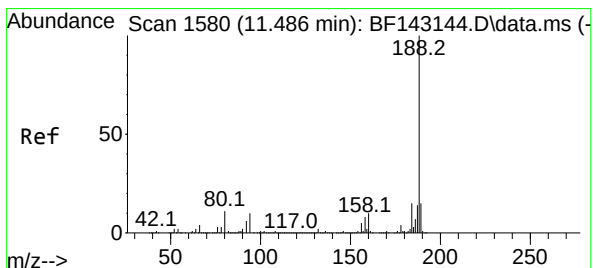
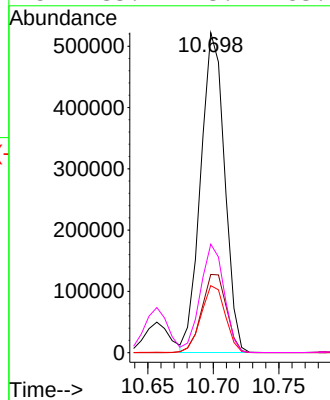
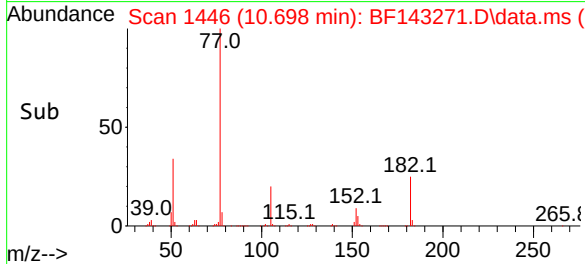
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion: 77 Resp: 66353
Ion Ratio Lower Upper
77 100
182 24.4 4.6 44.6
105 21.0 1.4 41.4
51 33.9 13.7 53.7

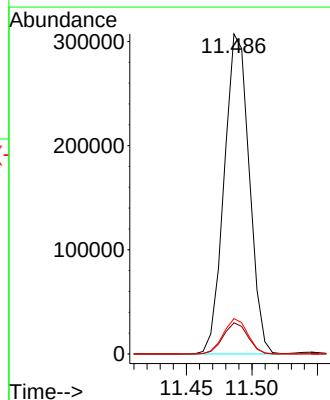
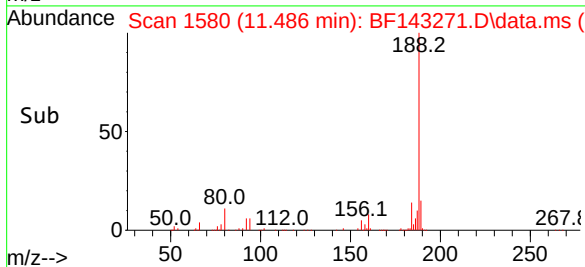
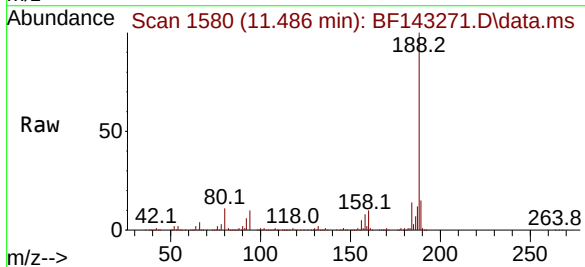
Manual Integrations
APPROVED

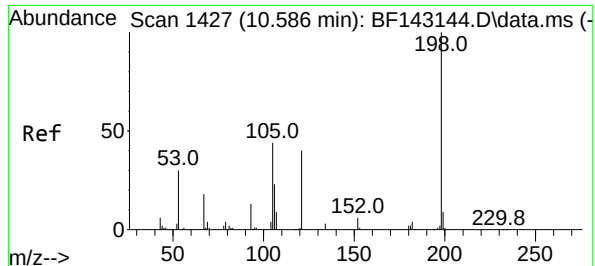
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:188 Resp: 407884
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 11.0 9.0 13.6





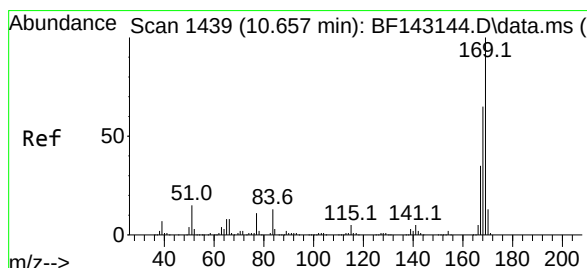
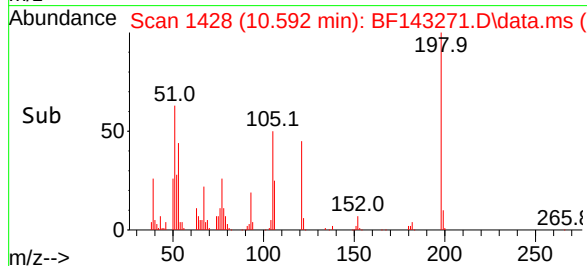
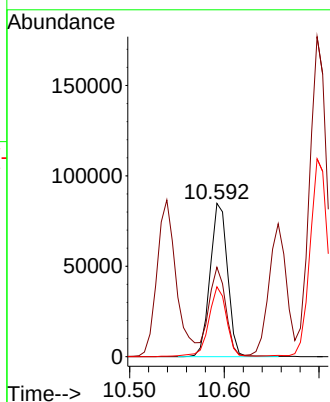
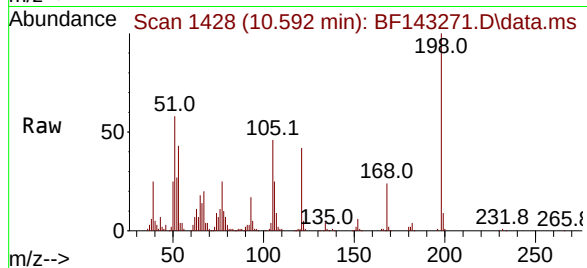
#65
4,6-Dinitro-2-methylphenol
Concen: 50.348 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Instrument :
BNA_F
ClientSampleId :
PB168971BS

Tgt Ion:198 Resp: 108295
Ion Ratio Lower Upper
198 100
51 58.3 37.2 77.2
105 45.7 24.8 64.8

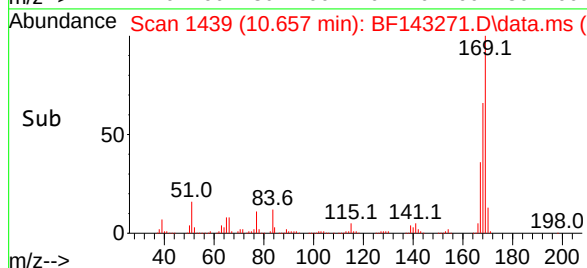
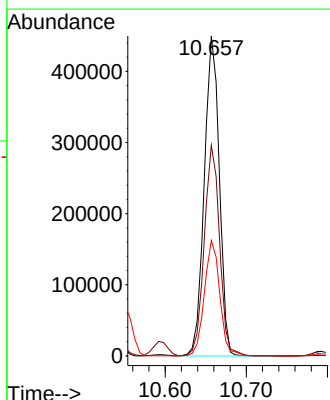
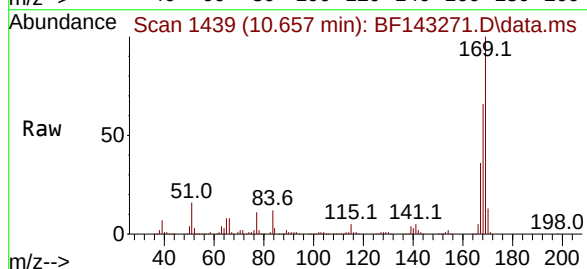
Manual Integrations
APPROVED

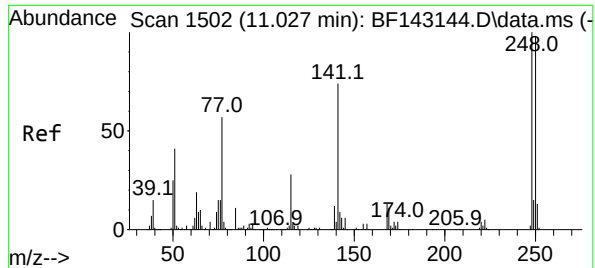
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#66
n-Nitrosodiphenylamine
Concen: 40.210 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

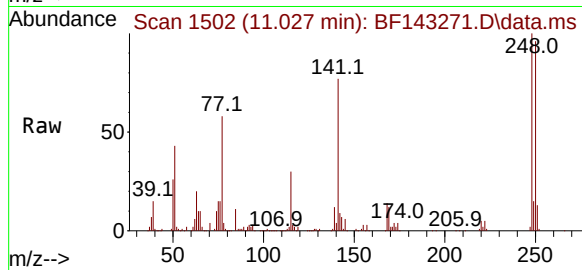
Tgt Ion:169 Resp: 577533
Ion Ratio Lower Upper
169 100
168 65.8 52.1 78.1
167 36.0 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 41.613 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

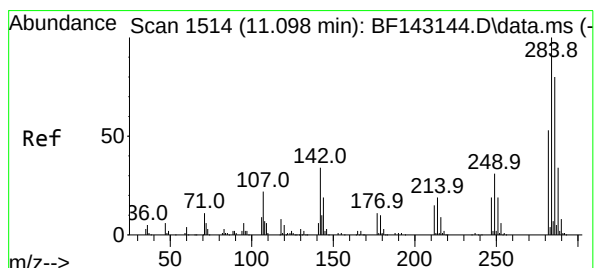
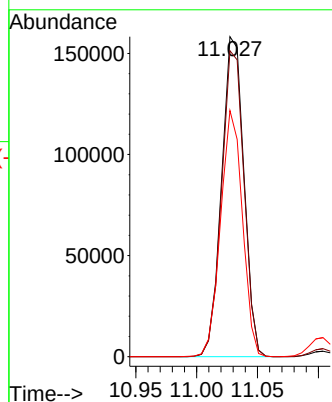
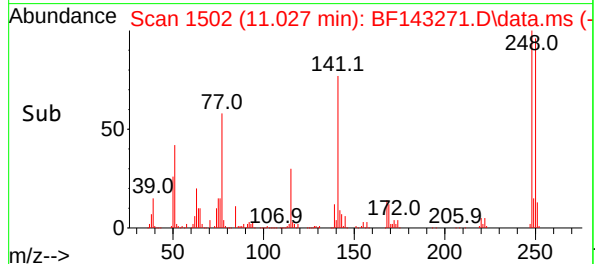
Instrument :
BNA_F
ClientSampleId :
PB168971BS



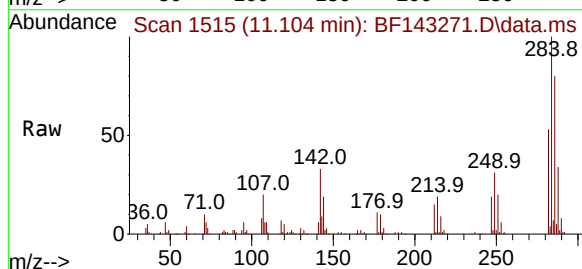
Tgt Ion:248 Resp: 202270
Ion Ratio Lower Upper
248 100
250 95.6 78.3 117.5
141 76.9 59.2 88.8

Manual Integrations
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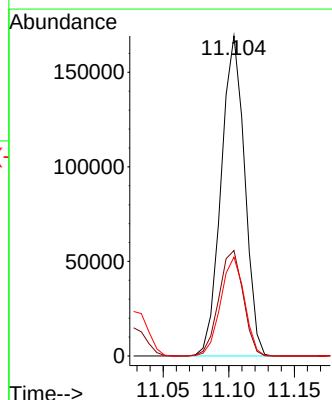
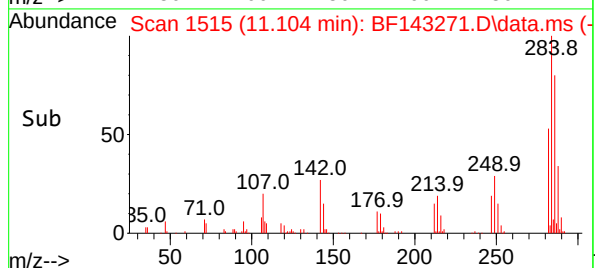
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

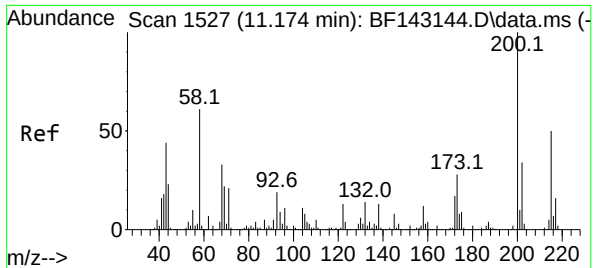


#68
Hexachlorobenzene
Concen: 41.484 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:284 Resp: 210766
Ion Ratio Lower Upper
284 100
142 32.9 27.0 40.6
249 30.9 25.0 37.6





#69

Atrazine

Concen: 47.874 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:200 Resp: 18956

Ion Ratio Lower Upper

200 100

173 27.9 7.9 47.9

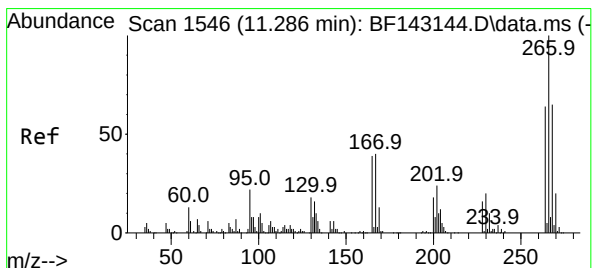
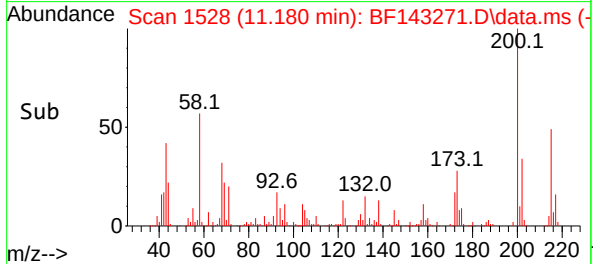
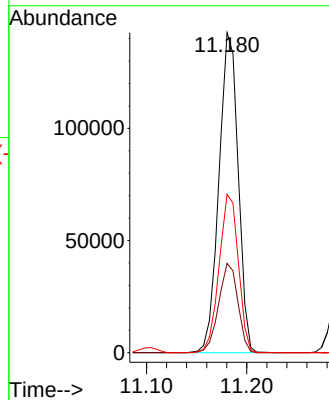
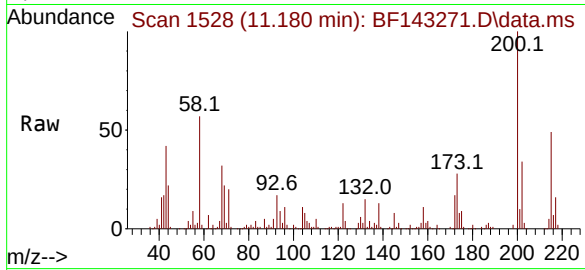
215 49.5 30.1 70.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#70

Pentachlorophenol

Concen: 85.977 ng

RT: 11.298 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

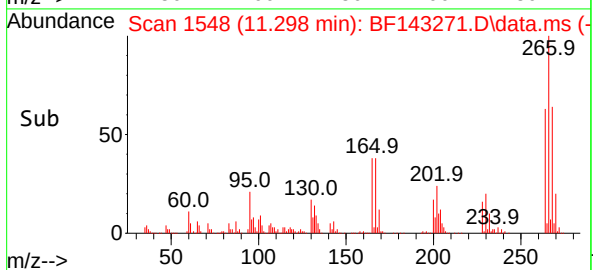
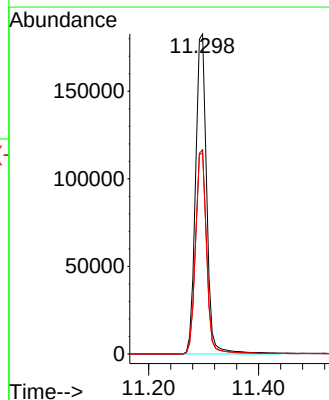
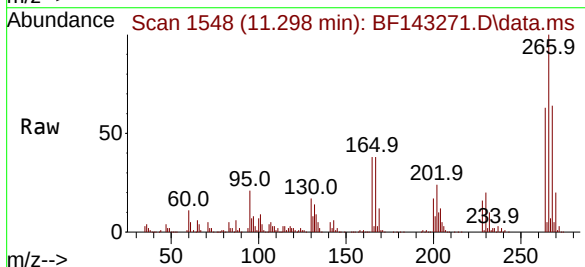
Tgt Ion:266 Resp: 256885

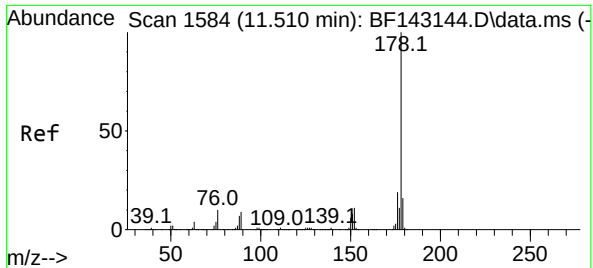
Ion Ratio Lower Upper

266 100

268 63.8 51.9 77.9

264 62.8 51.0 76.6





#71

Phenanthrene

Concen: 42.530 ng

RT: 11.516 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:178 Resp: 92108

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

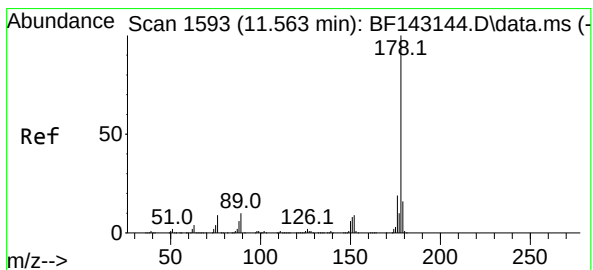
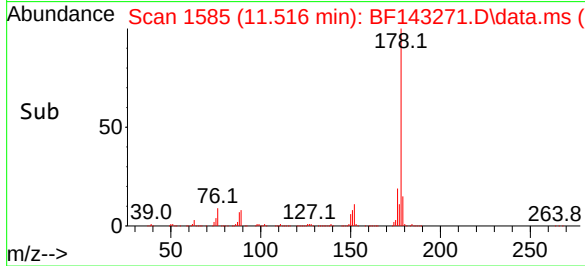
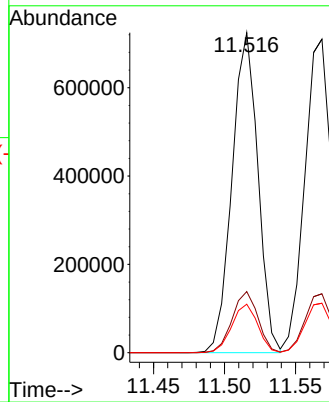
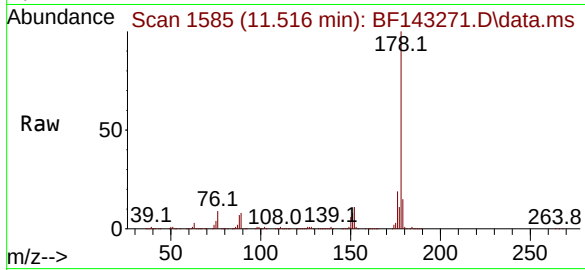
179 15.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#72

Anthracene

Concen: 42.160 ng

RT: 11.569 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

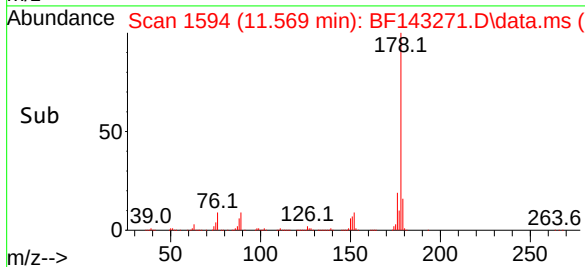
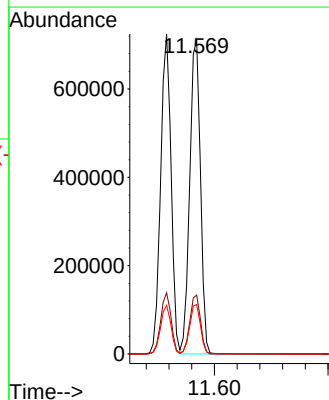
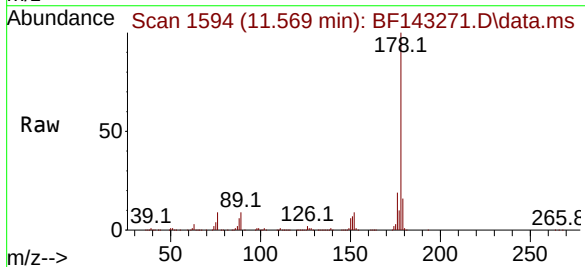
Tgt Ion:178 Resp: 931236

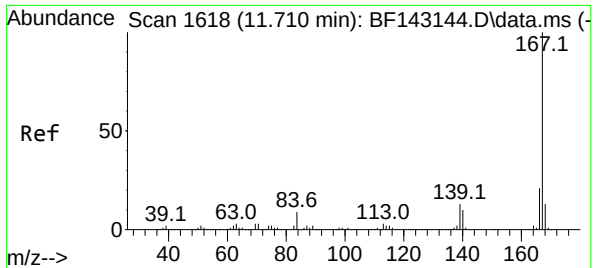
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

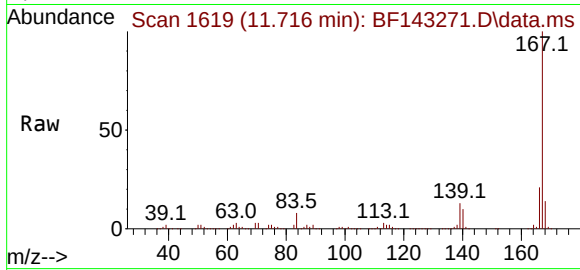
179 15.8 12.5 18.7





#73
Carbazole
Concen: 44.519 ng
RT: 11.716 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

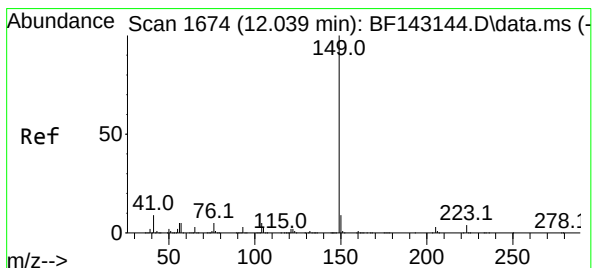
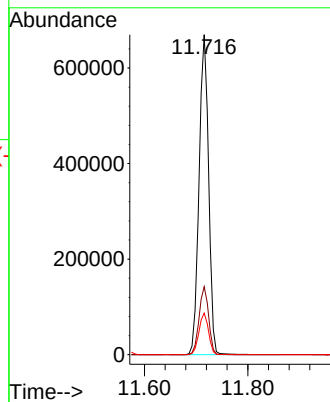
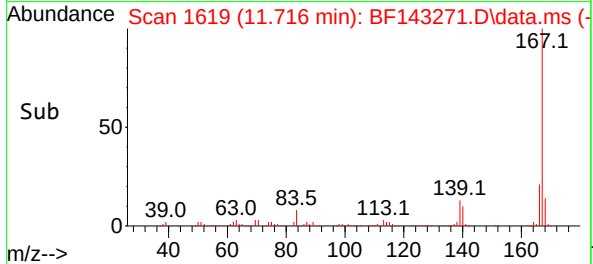
Instrument :
BNA_F
ClientSampleId :
PB168971BS



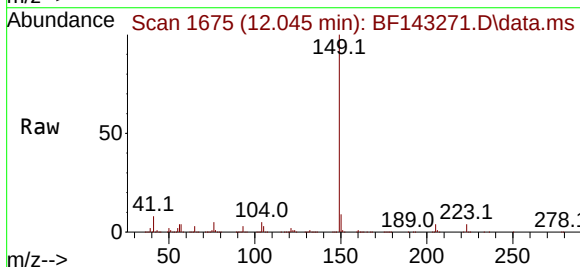
Tgt Ion:167 Resp: 858650
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 13.0 10.0 15.0

Manual Integrations
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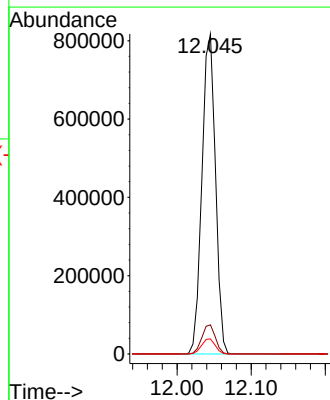
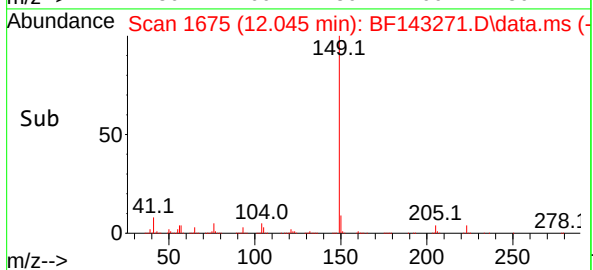
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

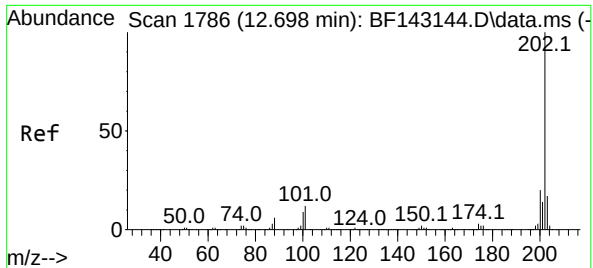


#74
Di-n-butylphthalate
Concen: 47.457 ng
RT: 12.045 min Scan# 1675
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



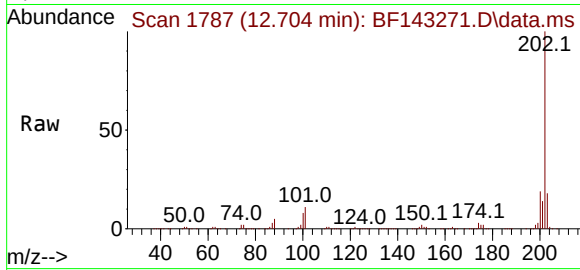
Tgt Ion:149 Resp: 1035670
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 48.151 ng
RT: 12.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

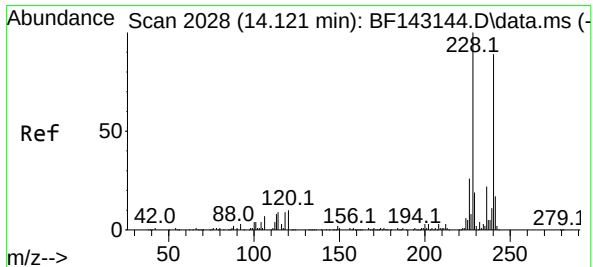
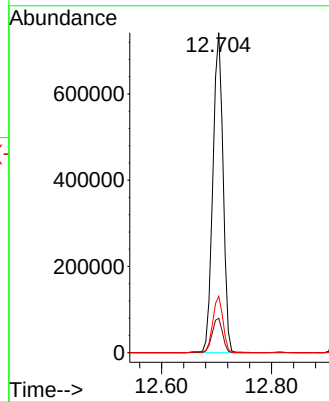
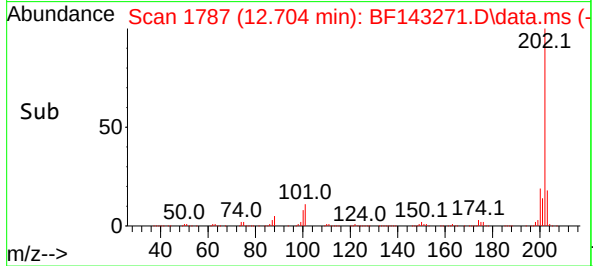
Instrument :
BNA_F
ClientSampleId :
PB168971BS



Tgt Ion:202 Resp: 95718
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.7
203 17.6 0.0 37.4

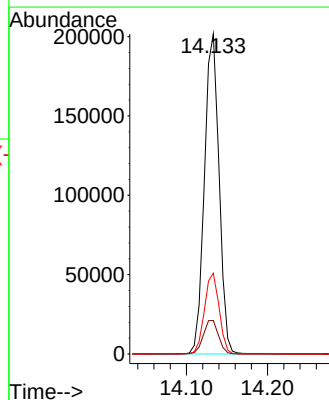
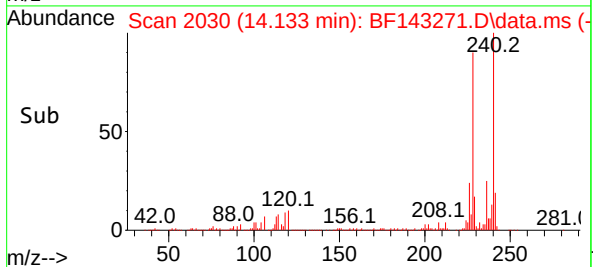
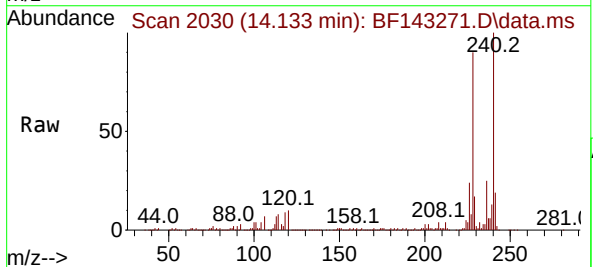
Manual Integrations
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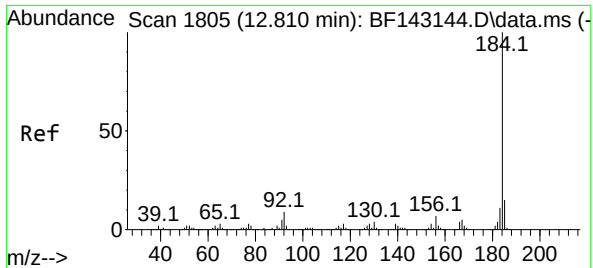
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

Tgt Ion:240 Resp: 252100
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.2 20.2 30.4





#77

Benzidine

Concen: 32.657 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

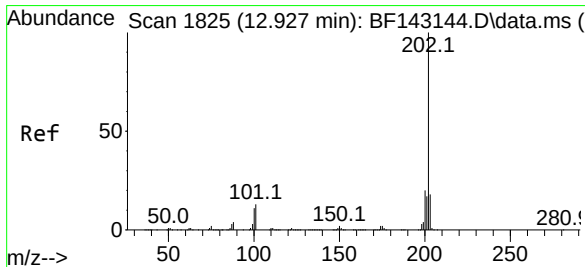
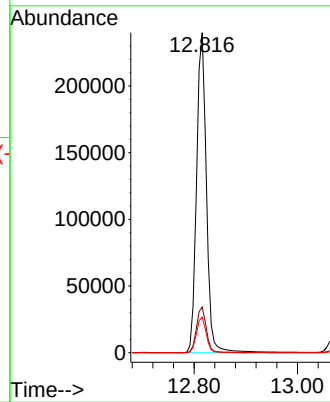
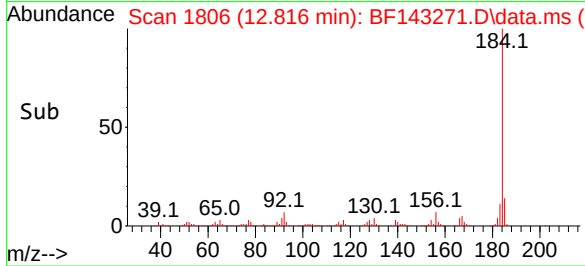
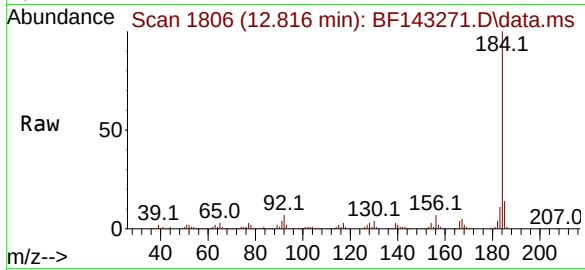
Tgt Ion:	184	Resp:	31719
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	11.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#78

Pyrene

Concen: 44.138 ng

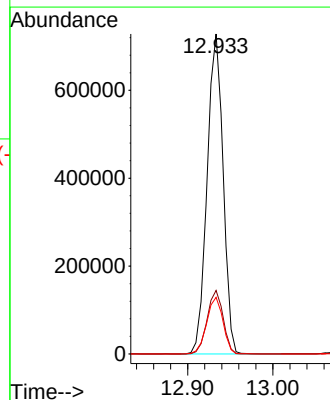
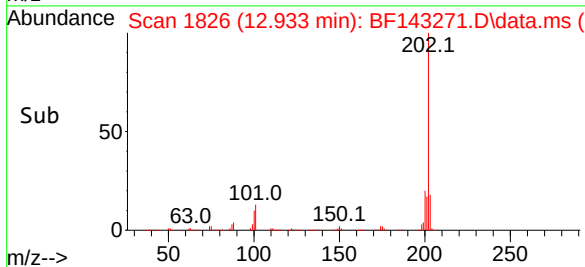
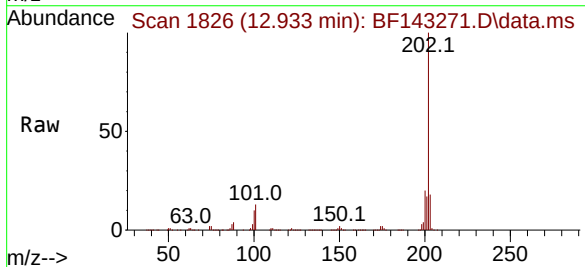
RT: 12.933 min Scan# 1826

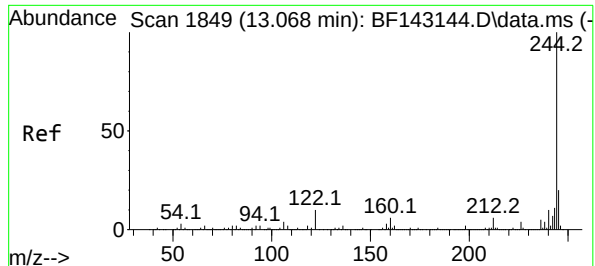
Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Tgt Ion:	202	Resp:	949653
Ion Ratio	Lower	Upper	
202	100		
200	19.9	15.7	23.5
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 75.801 ng

RT: 13.074 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:244 Resp: 128414

Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

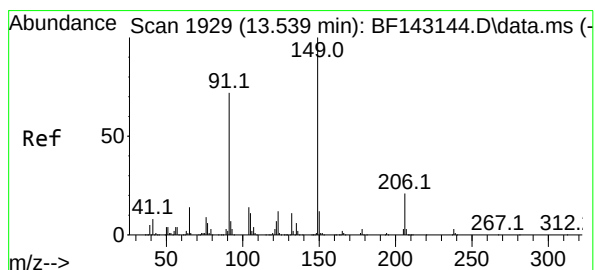
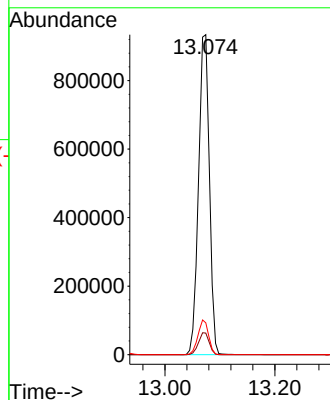
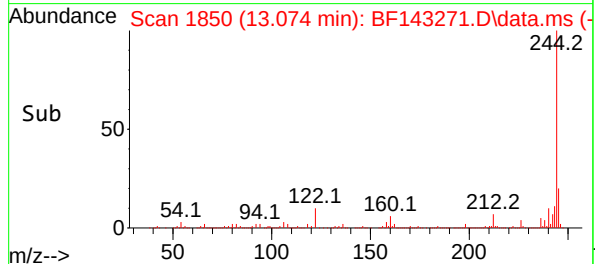
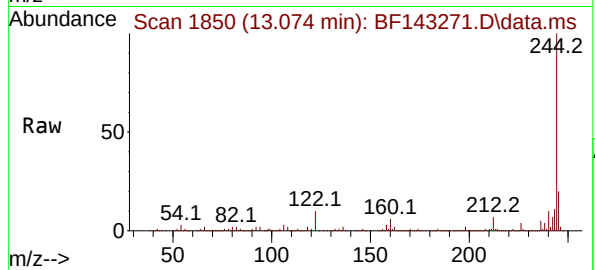
122 9.9 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#80

Butylbenzylphthalate

Concen: 56.625 ng

RT: 13.539 min Scan# 1929

Delta R.T. -0.000 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

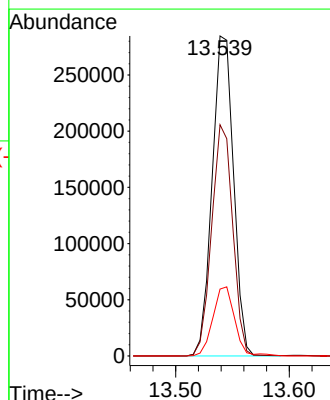
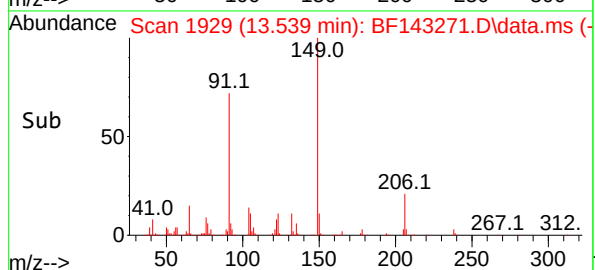
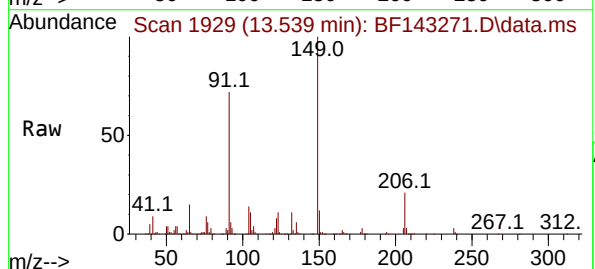
Tgt Ion:149 Resp: 373061

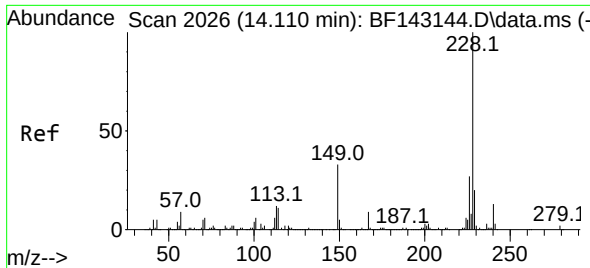
Ion Ratio Lower Upper

149 100

91 72.3 57.9 86.9

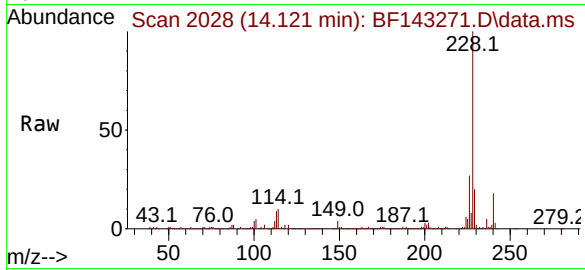
206 20.9 17.0 25.4





#81
Benzo(a)anthracene
Concen: 44.159 ng
RT: 14.121 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

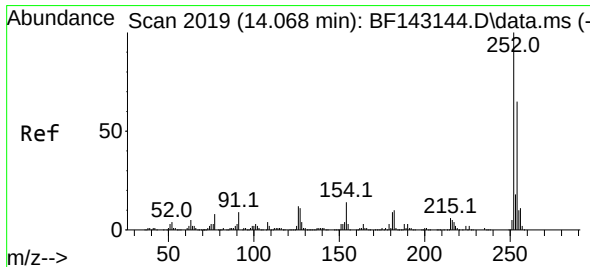
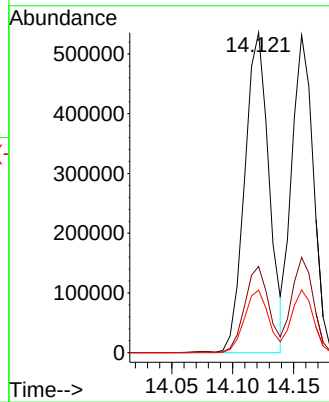
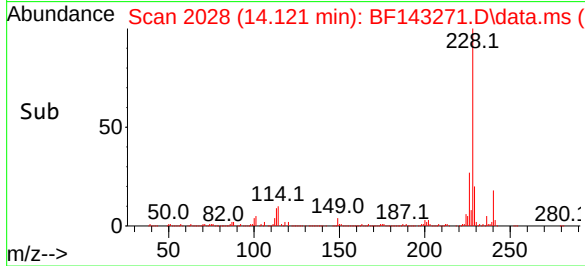
Instrument :
BNA_F
ClientSampleId :
PB168971BS



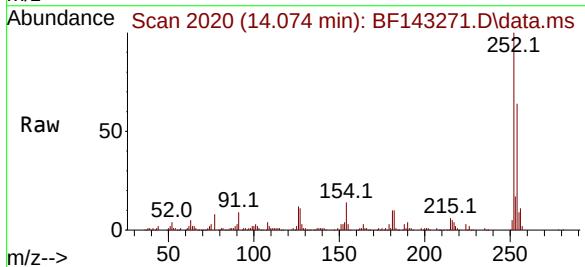
Tgt Ion:228 Resp: 745315
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.8 23.6

Manual Integrations
APPROVED

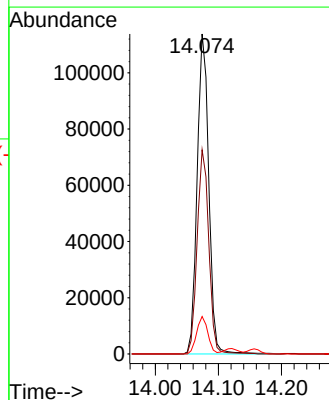
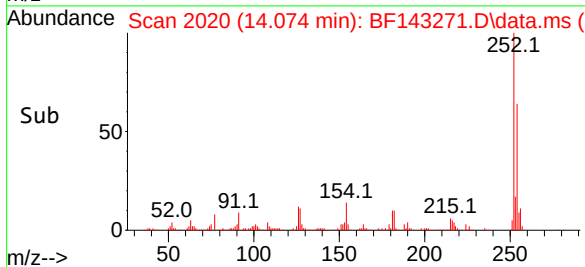
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

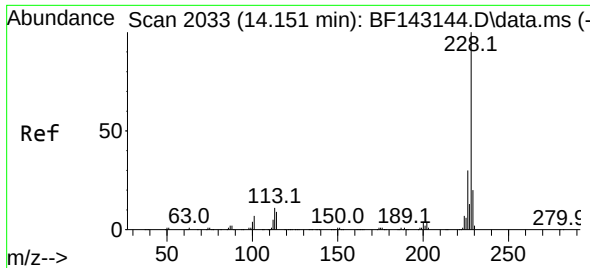


#82
3,3'-Dichlorobenzidine
Concen: 25.782 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:252 Resp: 145029
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 11.7 9.4 14.0





#83

Chrysene

Concen: 43.343 ng

RT: 14.157 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:228 Resp: 65773

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

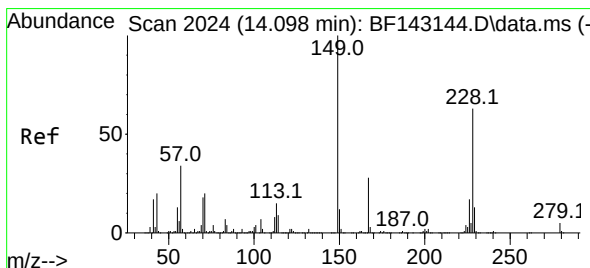
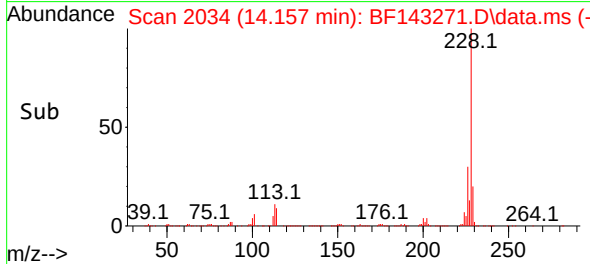
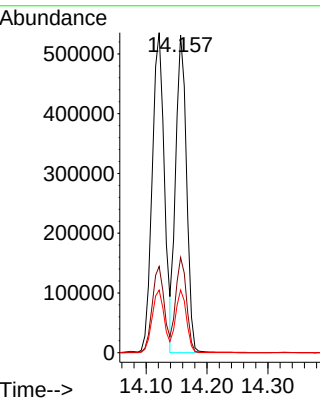
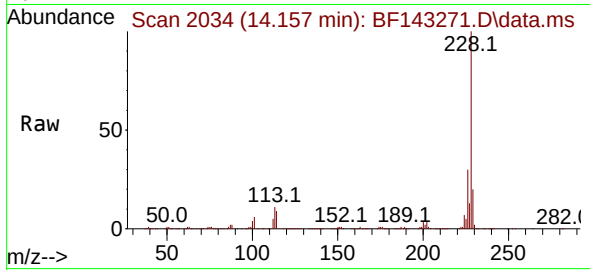
229 19.8 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.959 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

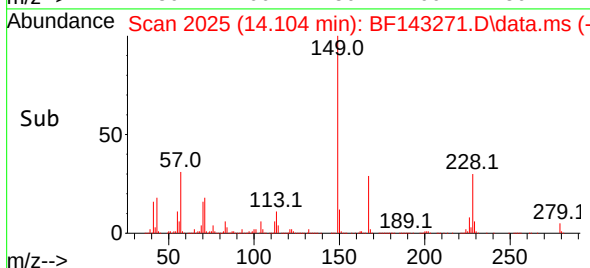
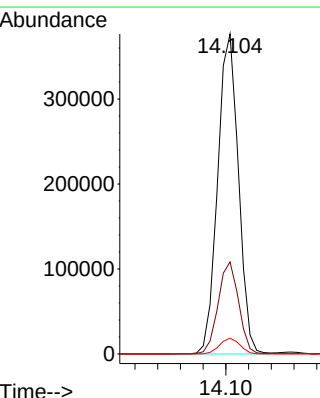
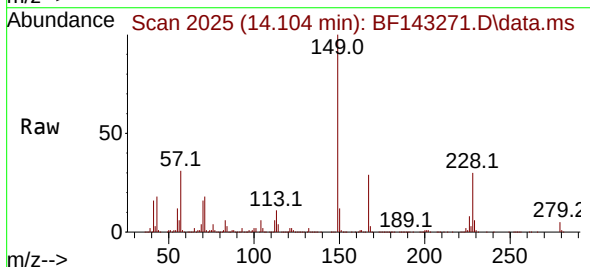
Tgt Ion:149 Resp: 478245

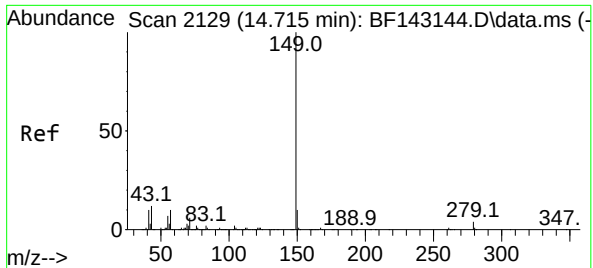
Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

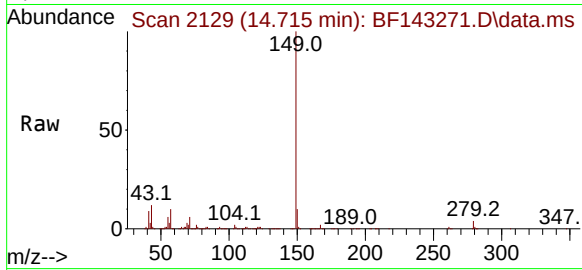
279 5.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 41.075 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

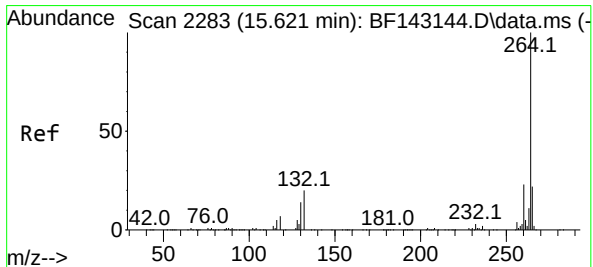
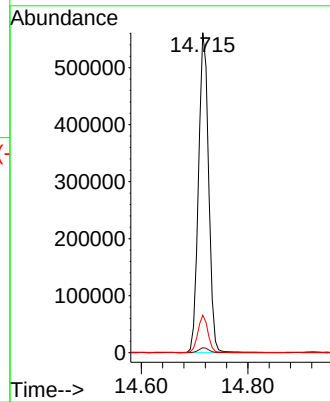
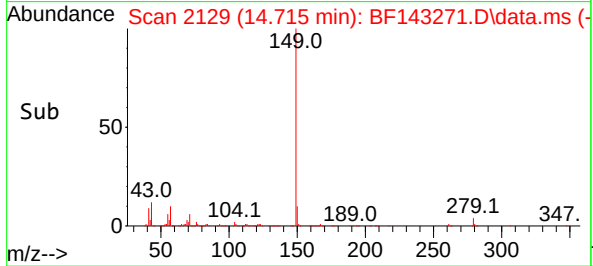
Instrument :
BNA_F
ClientSampleId :
PB168971BS



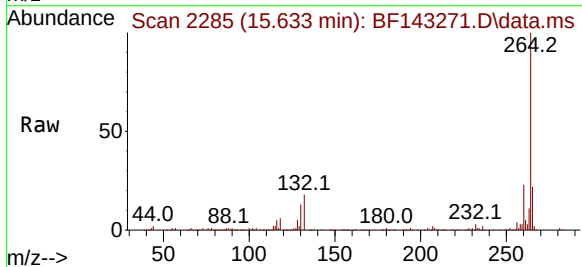
Tgt Ion:149 Resp: 742465
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.7 14.5

Manual Integrations
APPROVED

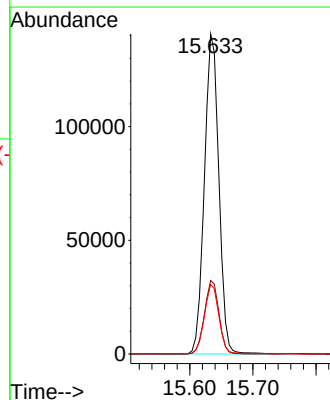
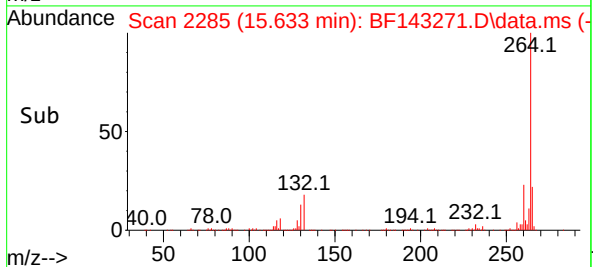
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

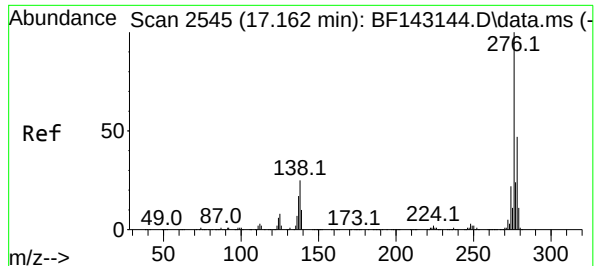


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:264 Resp: 223360
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.568 ng

RT: 17.186 min Scan# 2110

Delta R.T. 0.024 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:276 Resp: 686190

Ion Ratio Lower Upper

276 100

138 24.5 21.8 32.6

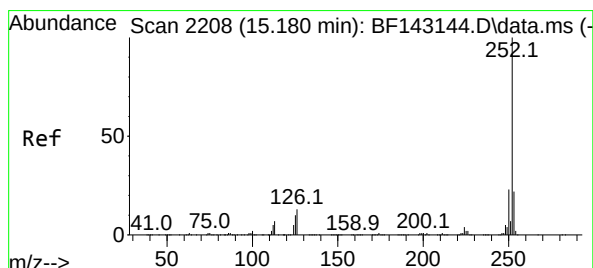
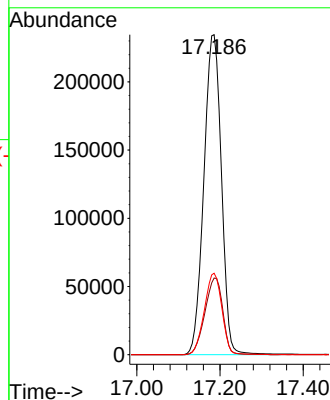
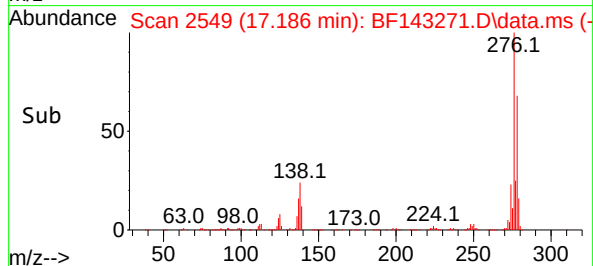
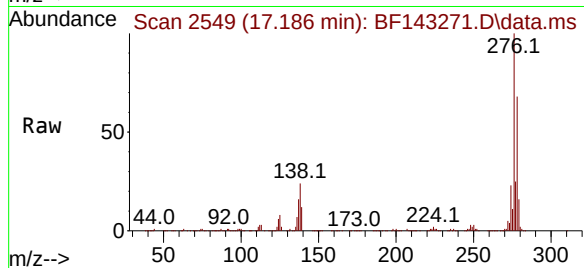
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#88

Benzo(b)fluoranthene

Concen: 44.792 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

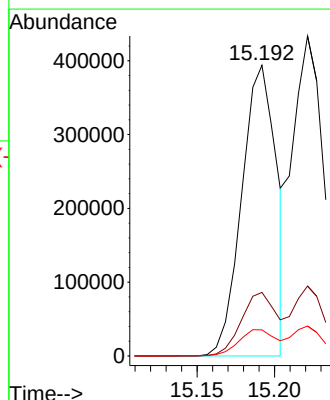
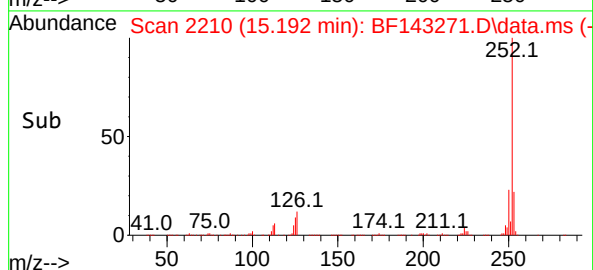
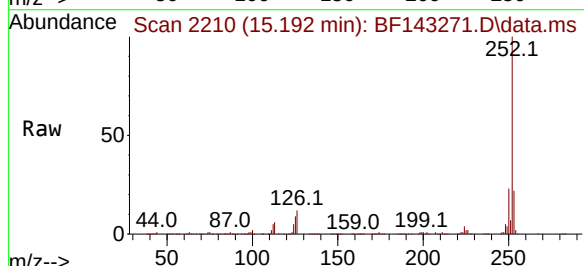
Tgt Ion:252 Resp: 611193

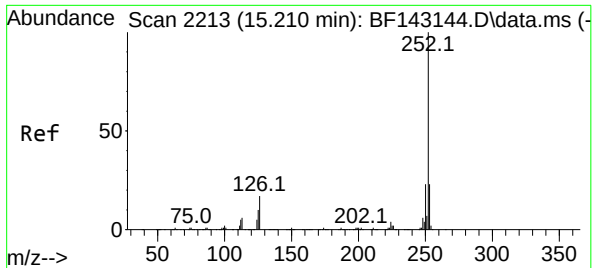
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 50.011 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

Instrument :

BNA_F

ClientSampleId :

PB168971BS

Tgt Ion:252 Resp: 60895

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

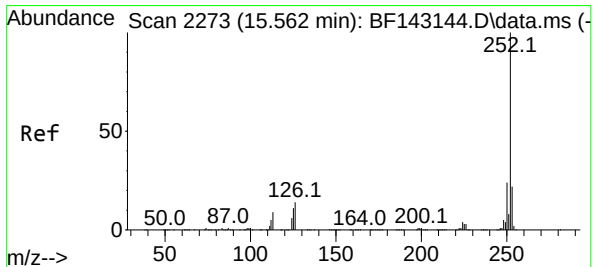
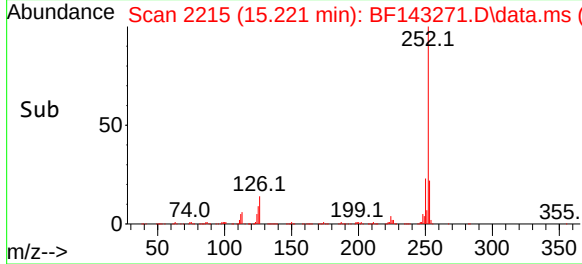
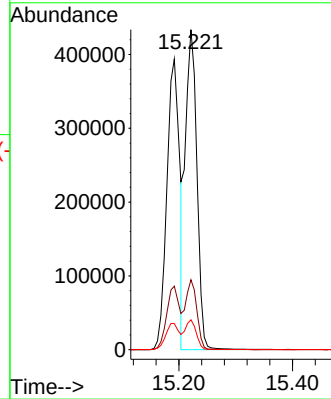
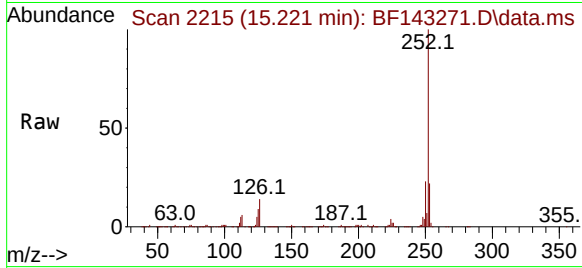
125 9.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#90

Benzo(a)pyrene

Concen: 46.294 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143271.D

Acq: 30 Jul 2025 16:22

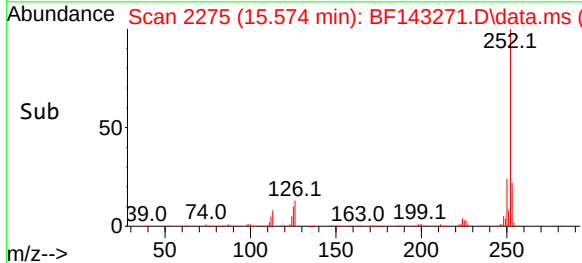
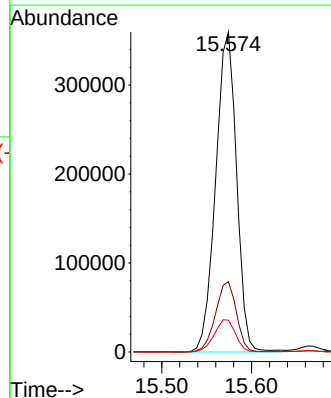
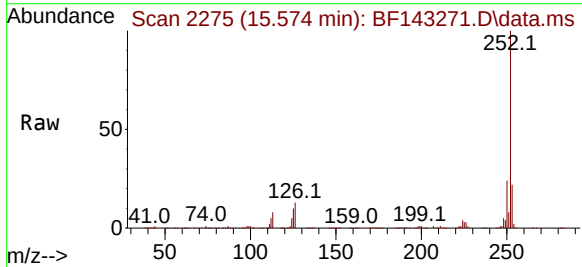
Tgt Ion:252 Resp: 582015

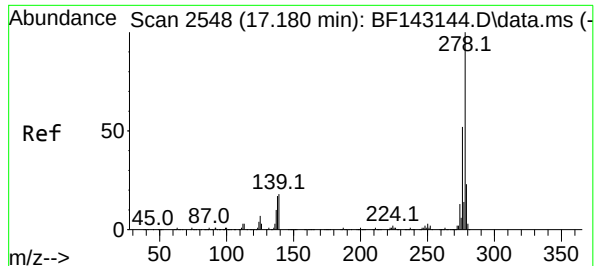
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

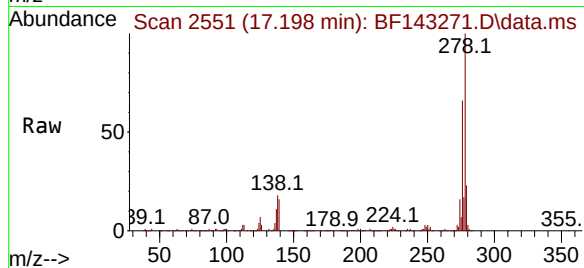
125 9.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 43.705 ng
RT: 17.198 min Scan# 2548
Delta R.T. 0.018 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22

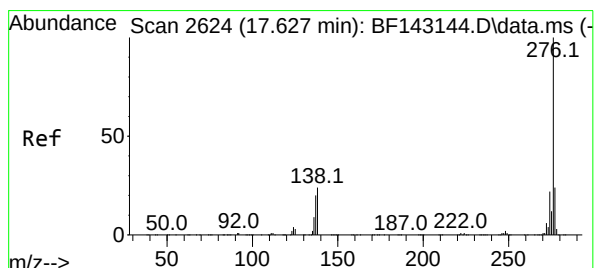
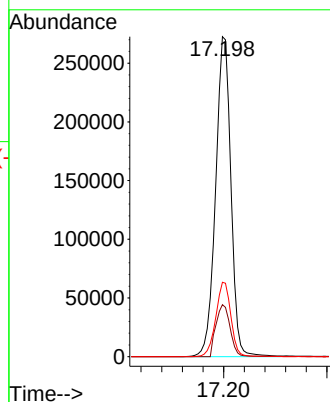
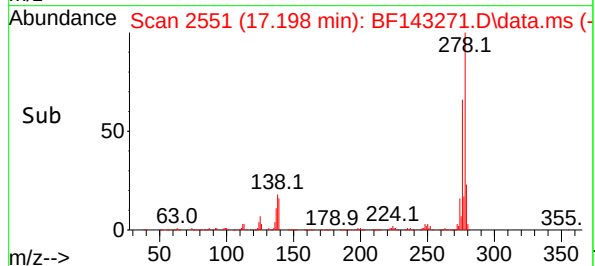
Instrument :
BNA_F
ClientSampleId :
PB168971BS



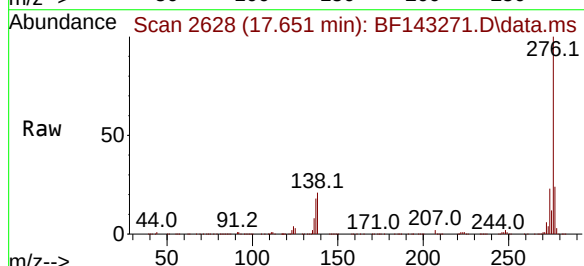
Tgt Ion:278 Resp: 560260
Ion Ratio Lower Upper
278 100
139 16.3 14.1 21.1
279 23.2 18.6 28.0

Manual Integrations
APPROVED

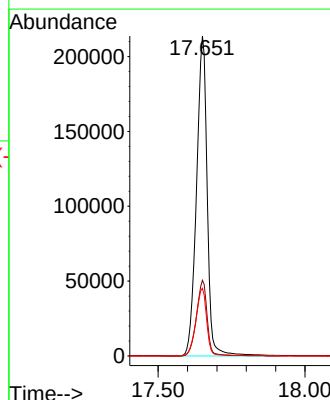
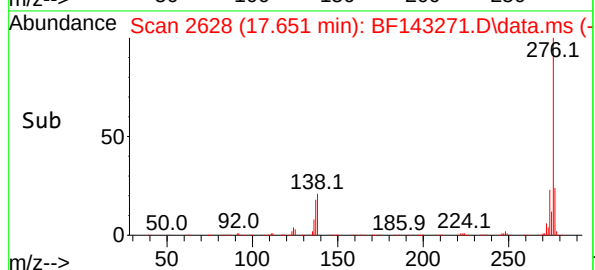
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#92
Benzo(g,h,i)perylene
Concen: 43.697 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.023 min
Lab File: BF143271.D
Acq: 30 Jul 2025 16:22



Tgt Ion:276 Resp: 541871
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 21.1 18.9 28.3



Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Nelson		Date Received:	
Client Sample ID:	PB168971BSD		SDG No.:	Q2664
Lab Sample ID:	PB168971BSD		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143272.D	1	07/23/25 09:00	07/30/25 16:51	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	30.1		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.9		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.4		1.30	5.00	ug/L
98-86-2	Acetophenone	41.7		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.0		0.76	5.00	ug/L
78-59-1	Isophorone	41.4		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.2		0.68	5.00	ug/L
91-20-3	Naphthalene	42.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	19.5		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.8		0.54	5.00	ug/L
105-60-2	Caprolactam	48.1		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	42.8		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	79.5		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	42.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	47.1		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.4		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	48.3		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	29.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.9		0.55	5.00	ug/L
132-64-9	Dibenzofuran	41.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	51.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.1		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.4		0.68	5.00	ug/L
86-73-7	Fluorene	43.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	48.1		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BSD	SDG No.:	Q2664
Lab Sample ID:	PB168971BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143272.D	1	07/23/25 09:00	07/30/25 16:51	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	41.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.3		0.52	5.00	ug/L
1912-24-9	Atrazine	48.0		1.00	5.00	ug/L
85-01-8	Phenanthrene	42.8		0.50	5.00	ug/L
120-12-7	Anthracene	42.8		0.61	5.00	ug/L
86-74-8	Carbazole	44.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.7		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.0		0.82	5.00	ug/L
129-00-0	Pyrene	44.8		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.2		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.1		0.45	5.00	ug/L
218-01-9	Chrysene	43.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.9		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.3		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.2		1.00	5.00	ug/L

SURROGATES

4165-60-0	Nitrobenzene-d5	78.3	67 - 132	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.0	52 - 132	75%	SPK: 100
1718-51-0	Terphenyl-d14	79.9	42 - 152	80%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	104000	6.963

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB168971BSD	SDG No.:	Q2664
Lab Sample ID:	PB168971BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143272.D	1	07/23/25 09:00	07/30/25 16:51	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	407000	8.245			
15067-26-2	Acenaphthene-d10	216000	10.004			
1517-22-2	Phenanthrene-d10	366000	11.486			
1719-03-5	Chrysene-d12	213000	14.127			
1520-96-3	Perylene-d12	212000	15.633			

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\BF073025\
 Data File : BF143272.D
 Acq On : 30 Jul 2025 16:51
 Operator : RC/JU
 Sample : PB168971BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168971BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 17:13:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	104468	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	406759	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	215723	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	365952	20.000	ng	0.00
76) Chrysene-d12	14.127	240	212987	20.000	ng	0.00
86) Perylene-d12	15.633	264	212260	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	732144	110.904	ng	0.02
7) Phenol-d6	6.592	99	928026	111.685	ng	0.00
23) Nitrobenzene-d5	7.522	82	638840	78.288	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	289143	129.745	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1183069	75.003	ng	0.00
79) Terphenyl-d14	13.068	244	1143355	79.885	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.904	88	100495	32.172	ng	99
3) Pyridine	3.657	79	282113	34.795	ng	98
4) n-Nitrosodimethylamine	3.599	42	170143	40.645	ng	97
6) Aniline	6.622	93	339268	29.296	ng	# 91
8) 2-Chlorophenol	6.751	128	295347	42.681	ng	97
9) Benzaldehyde	6.510	77	187788	30.139	ng	98
10) Phenol	6.604	94	376879	41.634	ng	91
11) bis(2-Chloroethyl)ether	6.692	93	283607	40.919	ng	98
12) 1,3-Dichlorobenzene	6.904	146	313578	41.715	ng	99
13) 1,4-Dichlorobenzene	6.981	146	315528	41.680	ng	99
14) 1,2-Dichlorobenzene	7.134	146	303626	42.169	ng	100
15) Benzyl Alcohol	7.098	79	275686	43.452	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	505975	39.354	ng	97
17) 2-Methylphenol	7.210	107	248897	42.778	ng	98
18) Hexachloroethane	7.475	117	114774	43.795	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	217334	40.768	ng	99
20) 3+4-Methylphenols	7.363	107	296479	41.999	ng	# 75
22) Acetophenone	7.369	105	401932	41.737	ng	# 98
24) Nitrobenzene	7.539	77	327352	43.029	ng	100
25) Isophorone	7.781	82	595918	41.368	ng	98
26) 2-Nitrophenol	7.857	139	161567	48.933	ng	99
27) 2,4-Dimethylphenol	7.892	122	275400	40.920	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	355691	41.182	ng	99
29) 2,4-Dichlorophenol	8.098	162	248769	43.829	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	263885	43.035	ng	100
31) Naphthalene	8.263	128	853853	42.624	ng	100
32) Benzoic acid	8.010	122	161477	43.176	ng	98
33) 4-Chloroaniline	8.304	127	159258	19.470	ng	99
34) Hexachlorobutadiene	8.386	225	164034	43.791	ng	100
35) Caprolactam	8.675	113	82548m	48.129	ng	
36) 4-Chloro-3-methylphenol	8.792	107	276483	44.817	ng	99
37) 2-Methylnaphthalene	8.957	142	521678	42.796	ng	100
38) 1-Methylnaphthalene	9.057	142	538424	42.893	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	262276	42.111	ng	98
41) Hexachlorocyclopentadiene	9.116	237	322352	79.544	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	180901	41.968	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
 Data File : BF143272.D
 Acq On : 30 Jul 2025 16:51
 Operator : RC/JU
 Sample : PB168971BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168971BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025

Quant Time: Jul 30 17:13:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	191822	44.489	ng	99
46) 1,1'-Biphenyl	9.422	154	716855	42.592	ng	99
47) 2-Chloronaphthalene	9.445	162	527552	42.362	ng	100
48) 2-Nitroaniline	9.533	65	184021	47.120	ng	98
49) Acenaphthylene	9.863	152	884601	42.386	ng	100
50) Dimethylphthalate	9.716	163	624497	44.412	ng	100
51) 2,6-Dinitrotoluene	9.775	165	138044	48.259	ng	99
52) Acenaphthene	10.033	154	590828	47.898	ng	98
53) 3-Nitroaniline	9.945	138	99660	29.786	ng	99
54) 2,4-Dinitrophenol	10.051	184	148155	111.422	ng	# 1
55) Dibenzofuran	10.210	168	761303	41.570	ng	99
56) 4-Nitrophenol	10.110	139	217254	86.955	ng	97
57) 2,4-Dinitrotoluene	10.180	165	185206	51.607	ng	98
58) Fluorene	10.551	166	598771	43.563	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	164010	45.920	ng	98
60) Diethylphthalate	10.416	149	627013	45.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	297085	43.407	ng	99
62) 4-Nitroaniline	10.563	138	137830	48.065	ng	96
63) Azobenzene	10.698	77	613274	42.338	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	96709	50.139	ng	100
66) n-Nitrosodiphenylamine	10.657	169	531852	41.273	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	184379	42.277	ng	98
68) Hexachlorobenzene	11.104	284	192968	42.333	ng	98
69) Atrazine	11.180	200	170351	47.951	ng	99
70) Pentachlorophenol	11.292	266	227184	84.749	ng	100
71) Phenanthrene	11.516	178	830850	42.759	ng	100
72) Anthracene	11.563	178	847924	42.787	ng	100
73) Carbazole	11.716	167	767496	44.353	ng	100
74) Di-n-butylphthalate	12.045	149	915048	46.734	ng	100
75) Fluoranthene	12.704	202	820690	46.016	ng	99
77) Benzidine	12.816	184	249637	30.422	ng	99
78) Pyrene	12.933	202	814026	44.783	ng	99
80) Butylbenzylphthalate	13.539	149	310693	55.818	ng	99
81) Benzo(a)anthracene	14.115	228	642816	45.080	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	129138	27.172	ng	99
83) Chrysene	14.157	228	550773	42.960	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	408428	48.479	ng	100
85) Di-n-octyl phthalate	14.715	149	660955	43.281	ng	98
87) Indeno(1,2,3-cd)pyrene	17.180	276	659532	44.065	ng	97
88) Benzo(b)fluoranthene	15.192	252	568804	43.865	ng	99
89) Benzo(k)fluoranthene	15.221	252	550326	47.560	ng	98
90) Benzo(a)pyrene	15.574	252	539386	45.147	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	536193	44.014	ng	97
92) Benzo(g,h,i)perylene	17.651	276	521556	44.258	ng	98

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

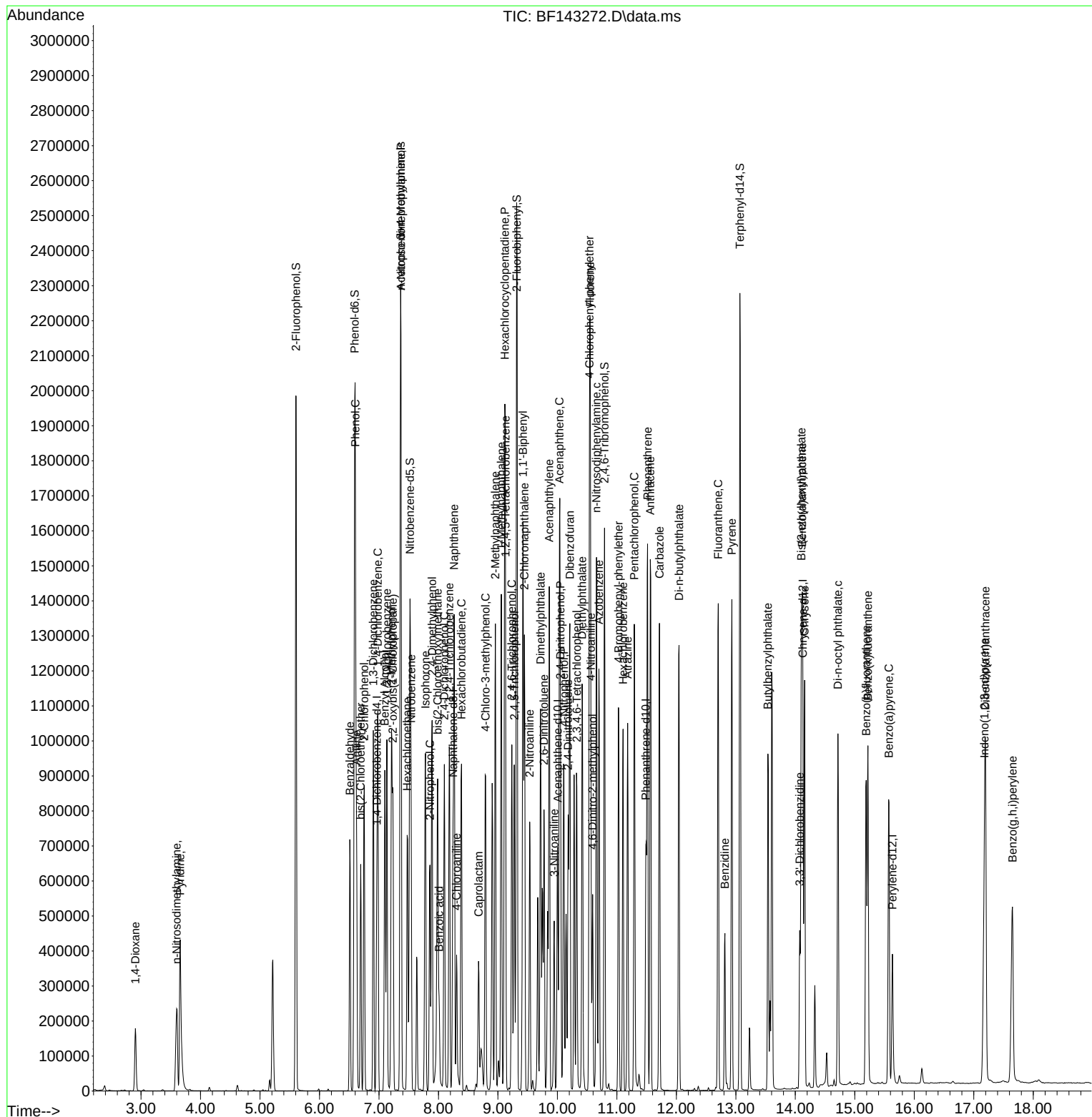
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143272.D
Acq On : 30 Jul 2025 16:51
Operator : RC/JU
Sample : PB168971BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

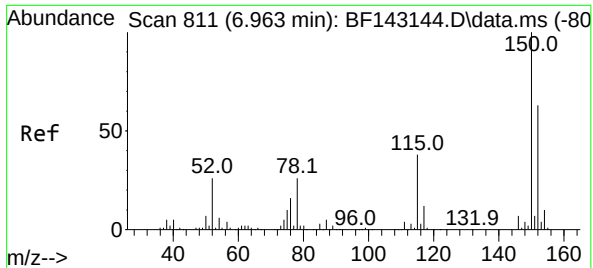
Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Manual Integrations
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Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

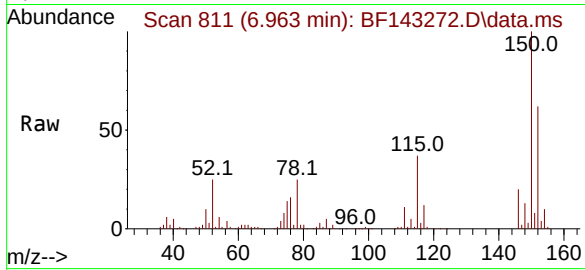
Quant Time: Jul 30 17:13:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

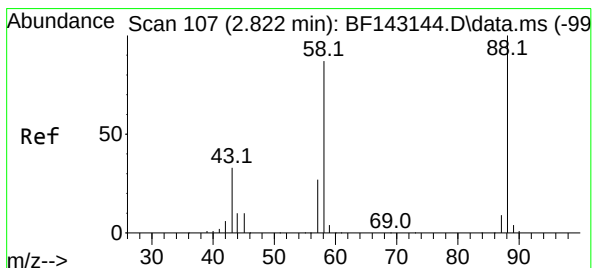
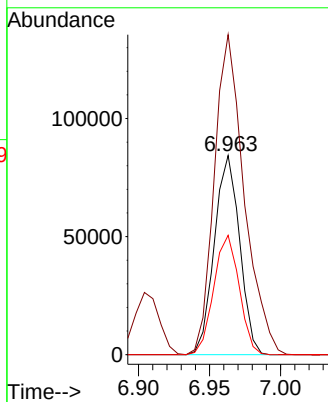
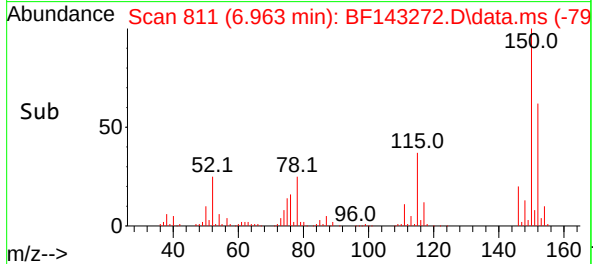
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:152 Resp: 104468
Ion Ratio Lower Upper
152 100
150 160.7 128.2 192.4
115 60.0 47.9 71.9

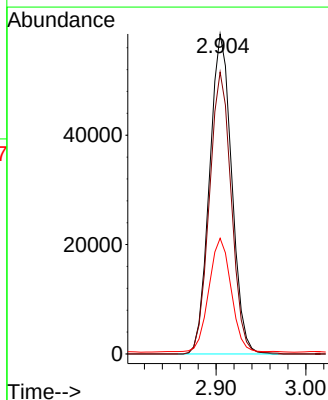
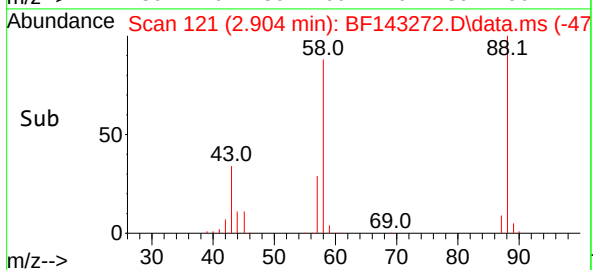
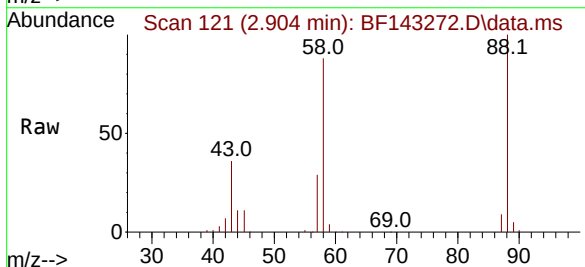
Manual Integrations
APPROVED

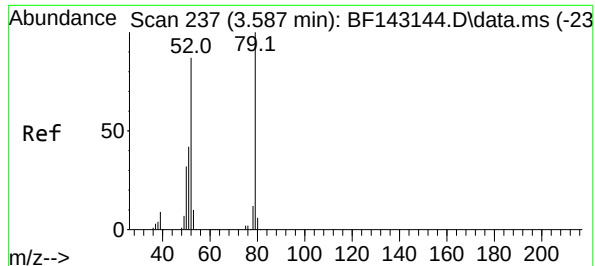
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#2
1,4-Dioxane
Concen: 32.172 ng
RT: 2.904 min Scan# 121
Delta R.T. 0.082 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

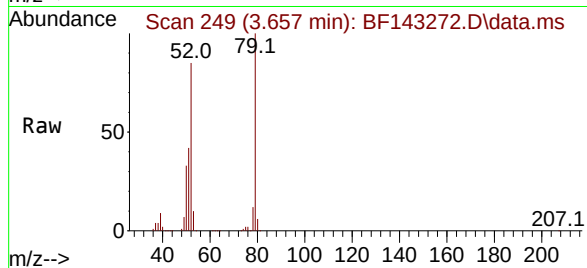
Tgt Ion: 88 Resp: 100495
Ion Ratio Lower Upper
88 100
58 87.2 70.2 105.2
43 36.0 27.1 40.7





#3
Pyridine
Concen: 34.795 ng
RT: 3.657 min Scan# 249
Delta R.T. 0.071 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

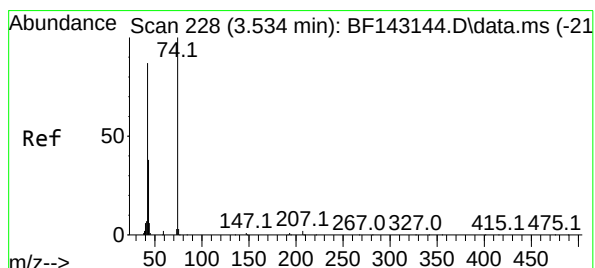
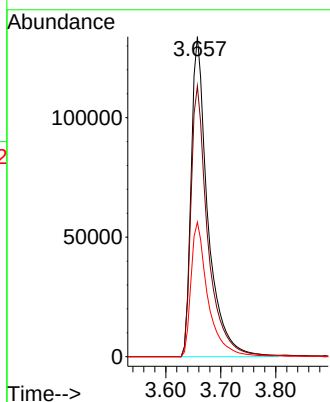
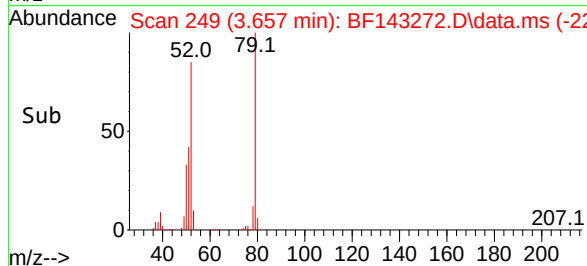
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



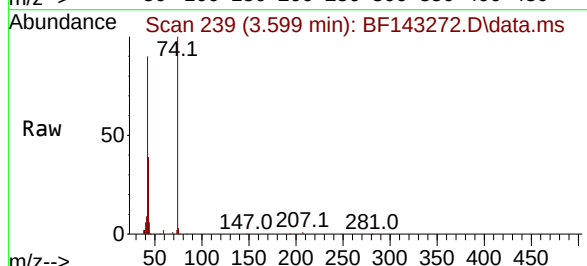
Tgt Ion: 79 Resp: 28211
Ion Ratio Lower Upper
79 100
52 84.6 69.4 104.2
51 42.0 33.5 50.3

Manual Integrations
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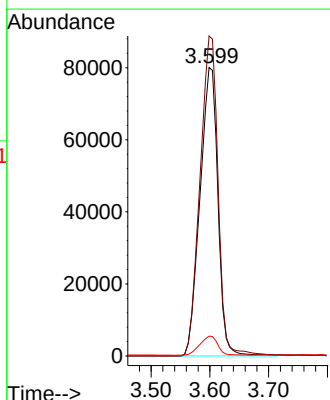
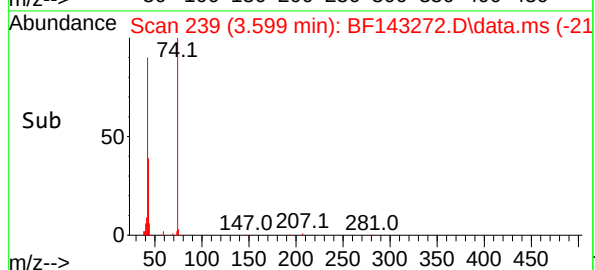
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

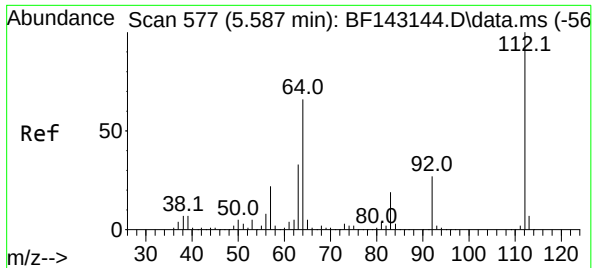


#4
n-Nitrosodimethylamine
Concen: 40.645 ng
RT: 3.599 min Scan# 239
Delta R.T. 0.065 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



Tgt Ion: 42 Resp: 170143
Ion Ratio Lower Upper
42 100
74 110.9 91.7 137.5
44 6.9 5.6 8.4





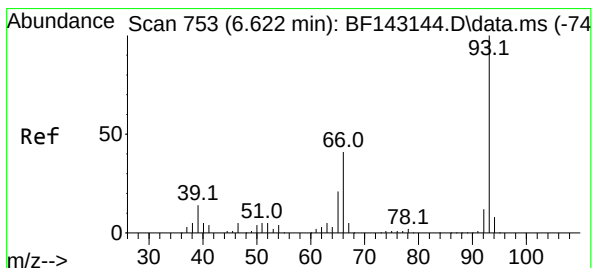
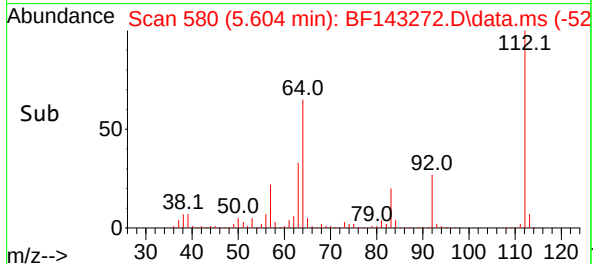
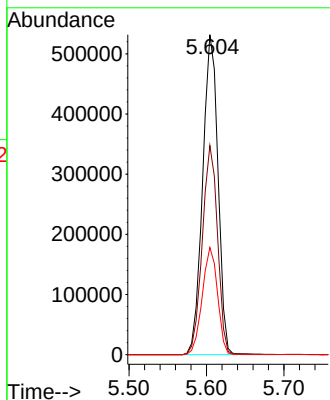
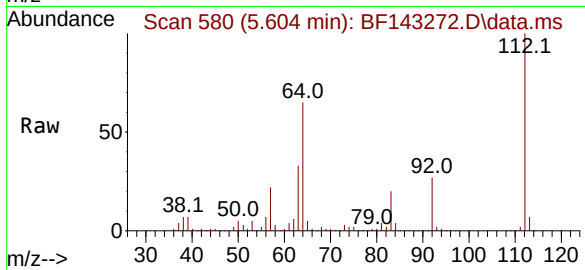
#5
2-Fluorophenol
Concen: 110.904 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Tgt Ion:112 Resp: 732144
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 33.5 26.6 40.0

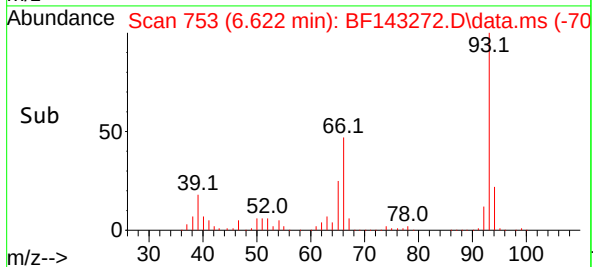
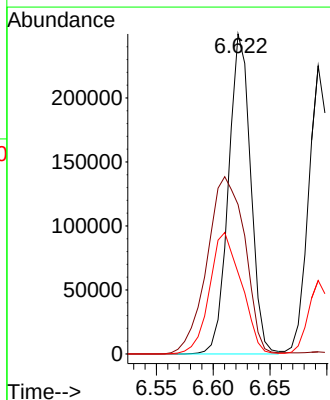
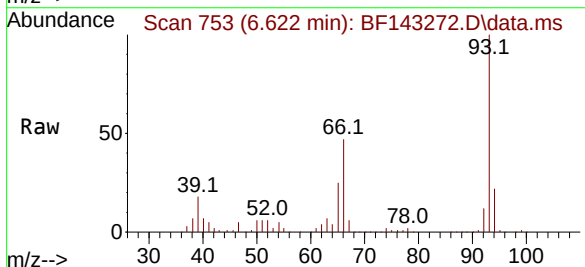
Manual Integrations
APPROVED

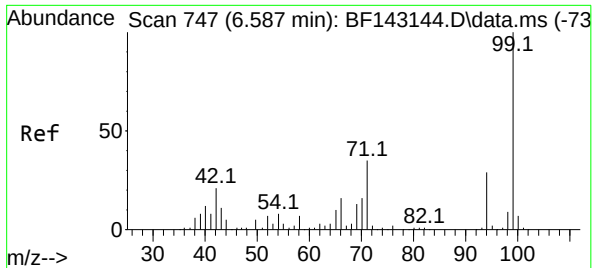
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#6
Aniline
Concen: 29.296 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion: 93 Resp: 339268
Ion Ratio Lower Upper
93 100
66 46.7 33.2 49.8
65 25.4 16.9 25.3#





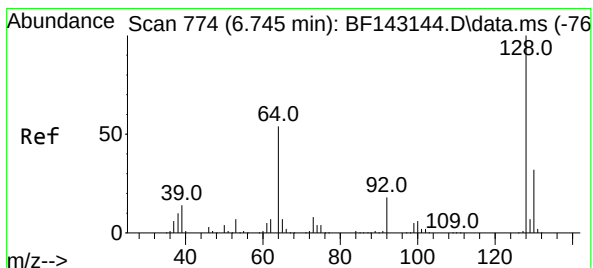
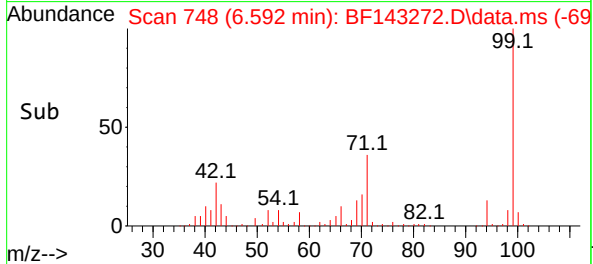
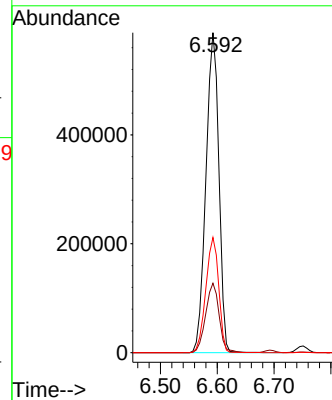
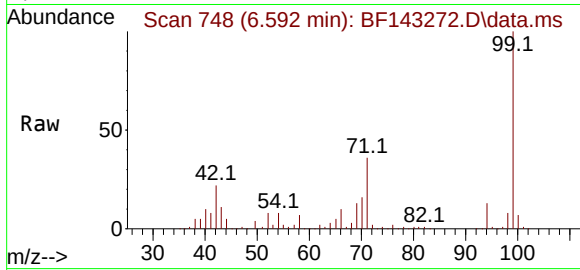
#7
Phenol-d6
Concen: 111.685 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Tgt Ion: 99 Resp: 928020
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 36.0 27.7 41.5

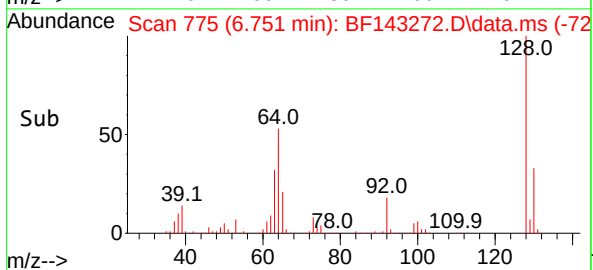
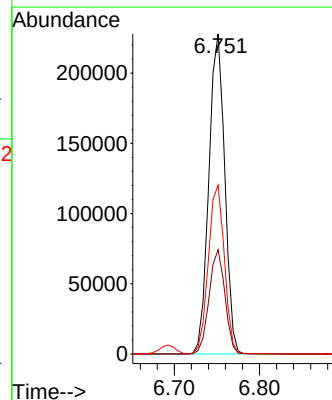
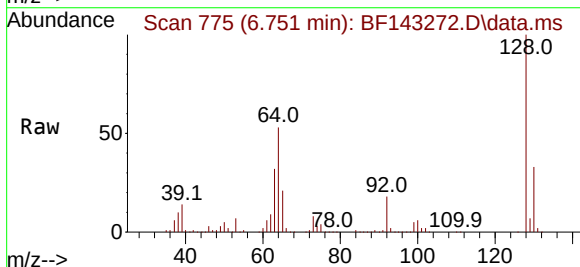
Manual Integrations
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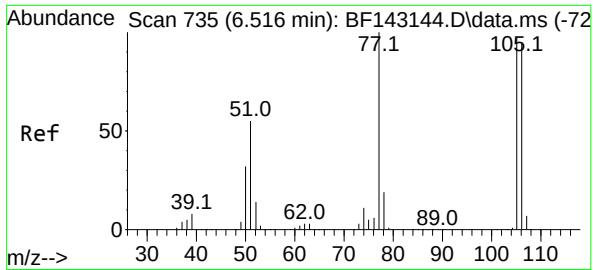
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#8
2-Chlorophenol
Concen: 42.681 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

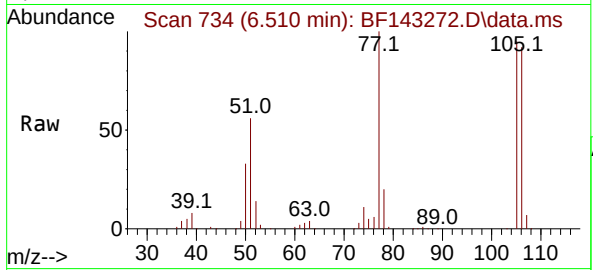
Tgt Ion:128 Resp: 295347
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 52.8 35.9 75.9





#9
Benzaldehyde
Concen: 30.139 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

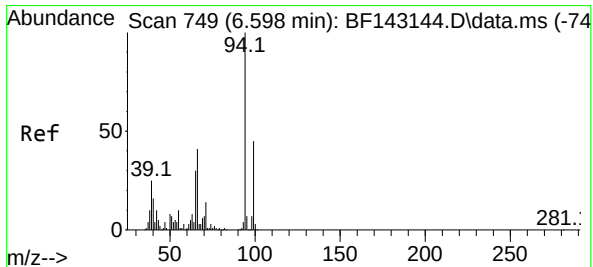
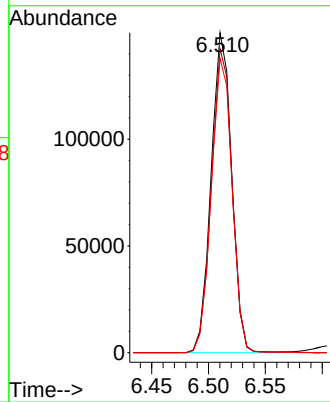
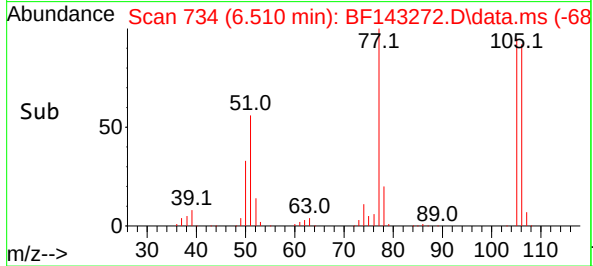
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion: 77 Resp: 187788
Ion Ratio Lower Upper
77 100
105 95.0 76.8 116.8
106 91.9 74.4 114.4

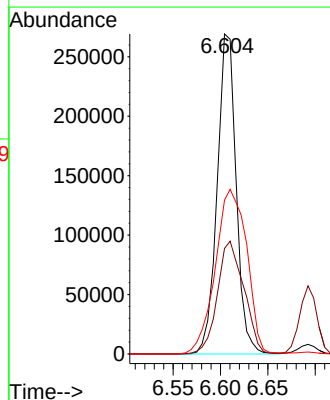
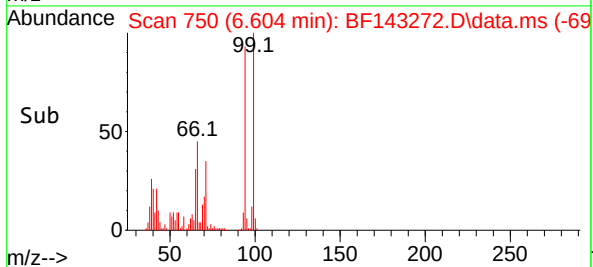
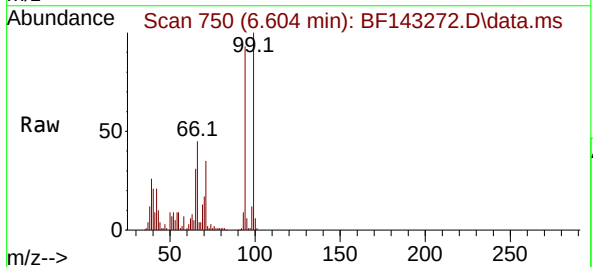
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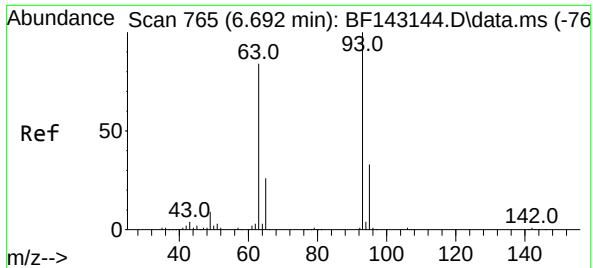
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#10
Phenol
Concen: 41.634 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion: 94 Resp: 376879
Ion Ratio Lower Upper
94 100
65 33.0 10.0 50.0
66 48.1 20.8 60.8





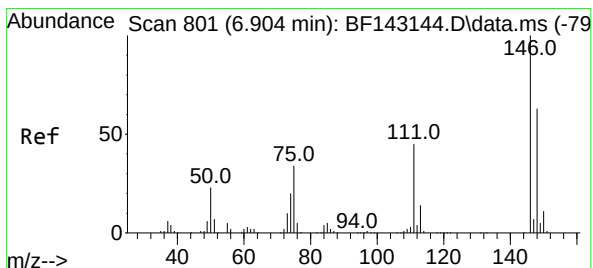
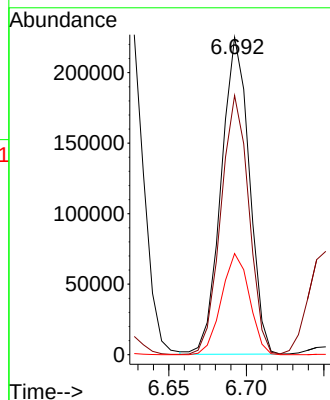
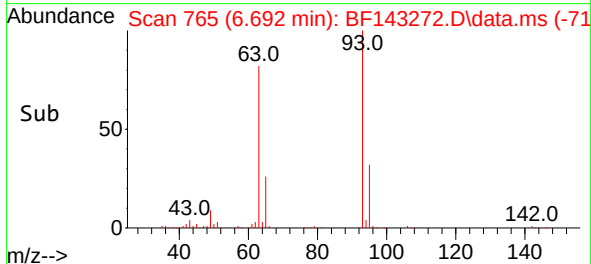
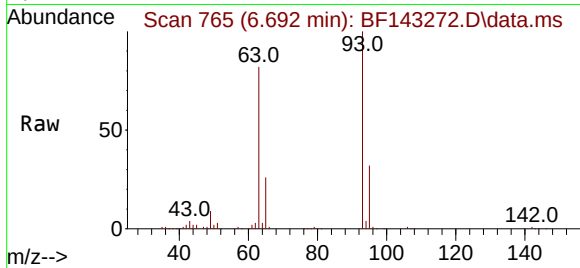
#11
bis(2-Chloroethyl)ether
Concen: 40.919 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Tgt Ion: 93 Resp: 28360
Ion Ratio Lower Upper
93 100
63 81.7 63.4 103.4
95 31.8 12.4 52.4

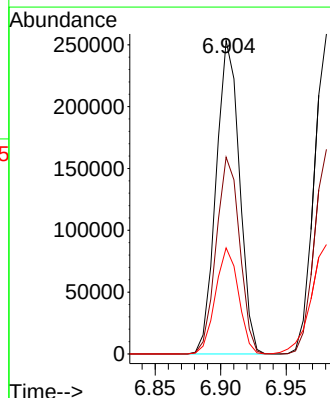
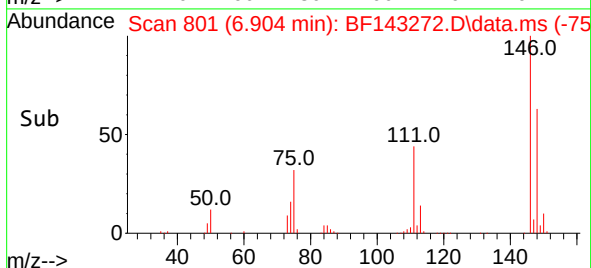
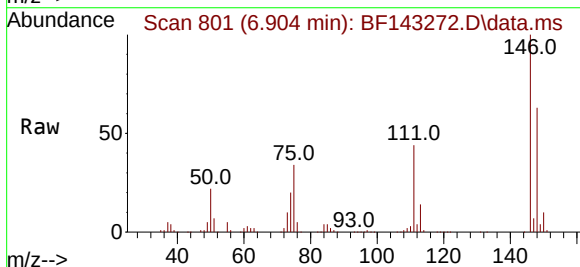
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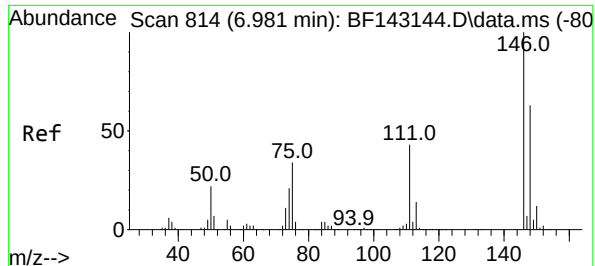
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#12
1,3-Dichlorobenzene
Concen: 41.715 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:146 Resp: 313578
Ion Ratio Lower Upper
146 100
148 62.8 50.6 76.0
75 33.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.680 ng

RT: 6.981 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:146 Resp: 31528

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

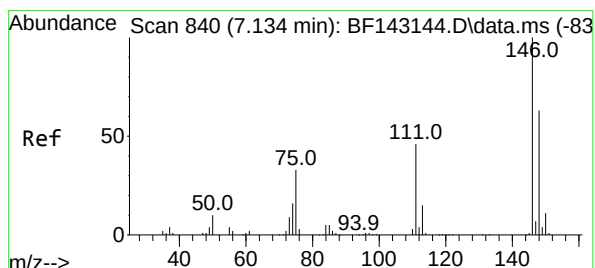
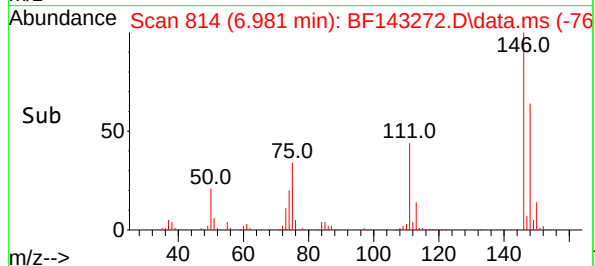
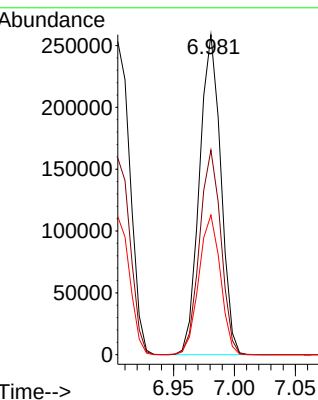
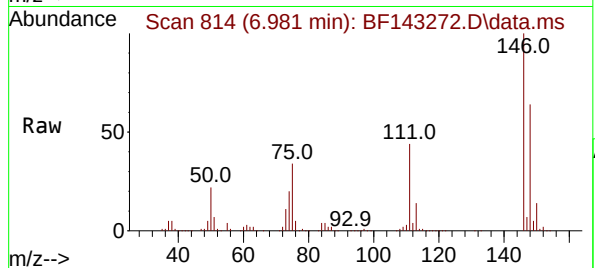
111 43.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#14

1,2-Dichlorobenzene

Concen: 42.169 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

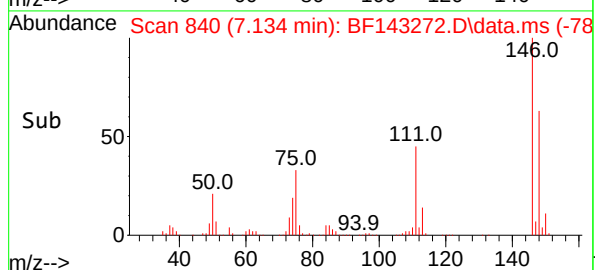
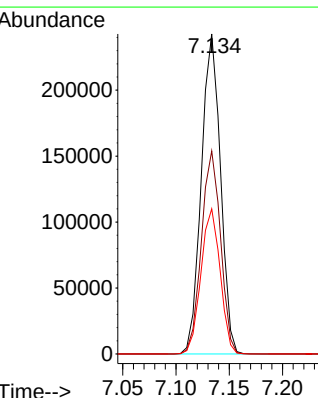
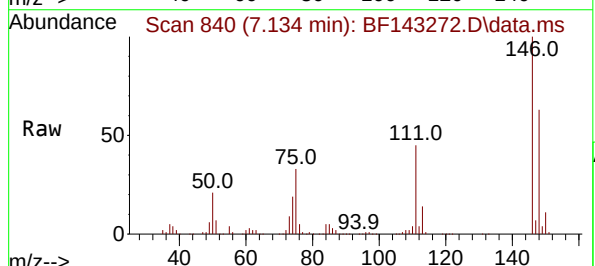
Tgt Ion:146 Resp: 303626

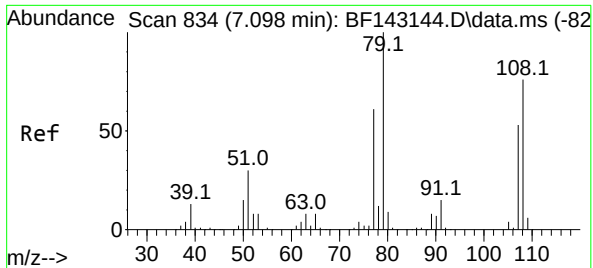
Ion Ratio Lower Upper

146 100

148 63.5 50.7 76.1

111 45.4 36.6 54.8





#15

Benzyl Alcohol

Concen: 43.452 ng

RT: 7.098 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion: 79 Resp: 27568

Ion Ratio Lower Upper

79 100

108 74.4 61.1 91.7

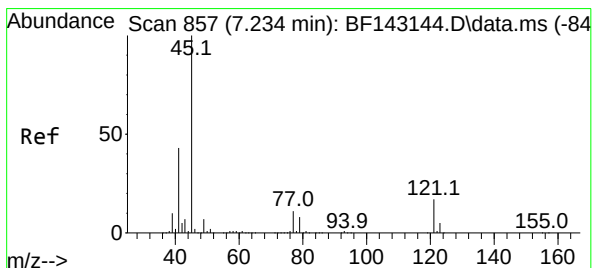
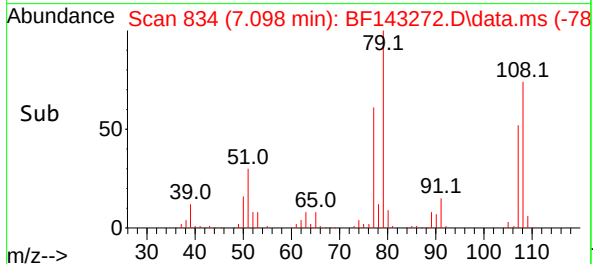
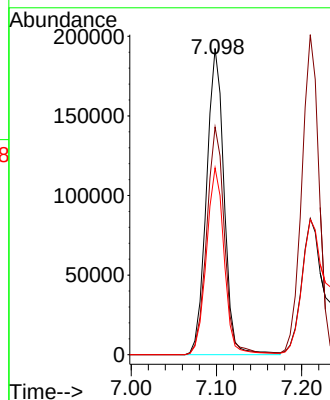
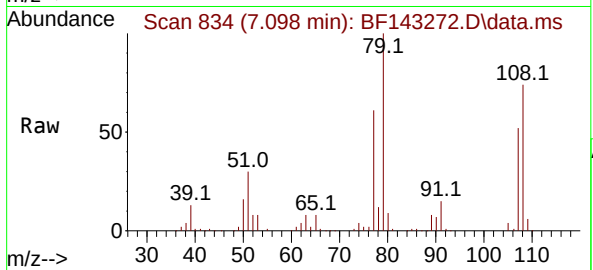
77 61.0 48.9 73.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.354 ng

RT: 7.234 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

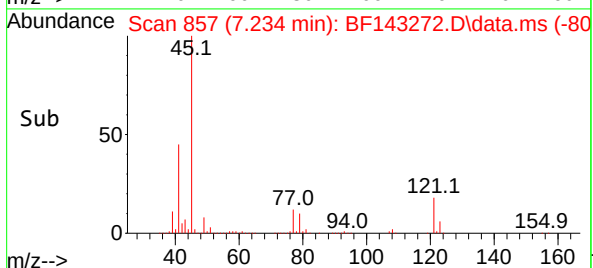
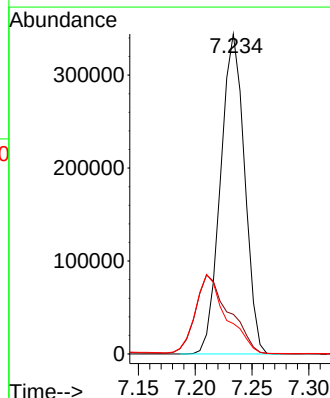
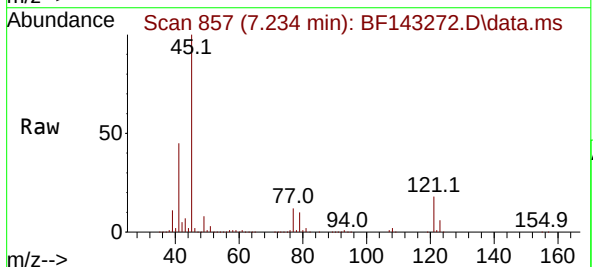
Tgt Ion: 45 Resp: 505975

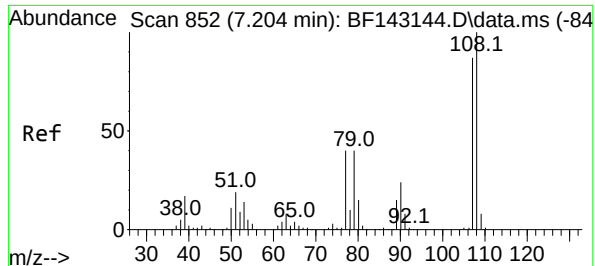
Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.2

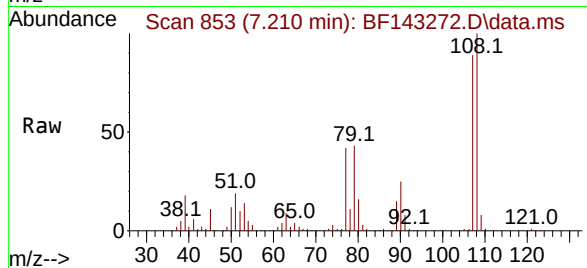
79 9.5 0.0 28.5





#17
2-Methylphenol
Concen: 42.778 ng
RT: 7.210 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

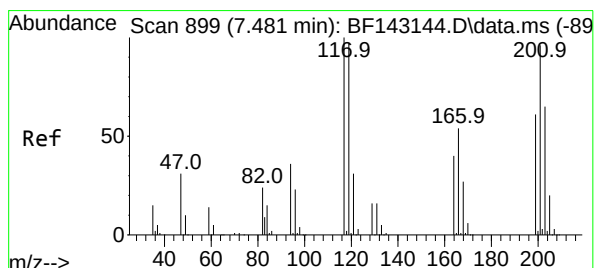
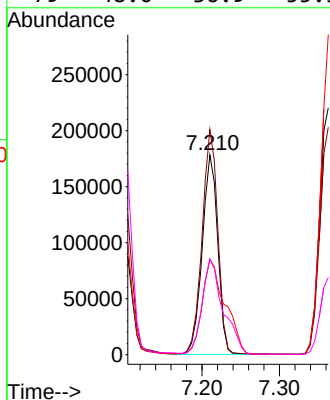
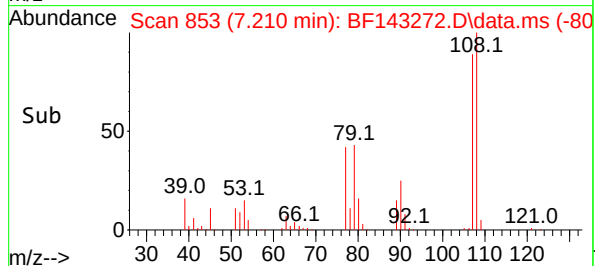
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:107 Resp: 24889
Ion Ratio Lower Upper
107 100
108 112.7 91.8 137.6
77 47.7 37.0 55.6
79 48.0 36.9 55.3

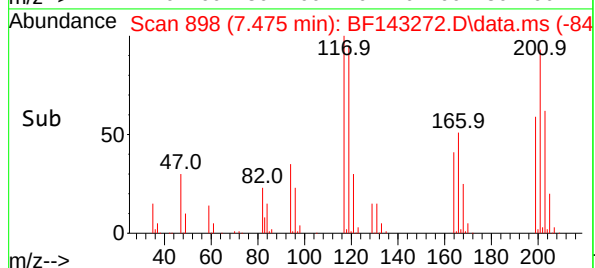
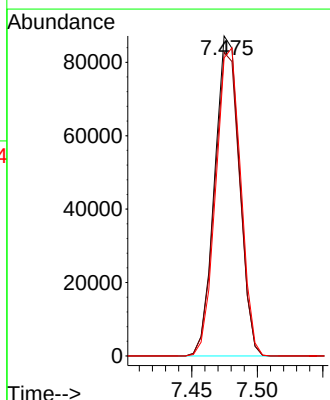
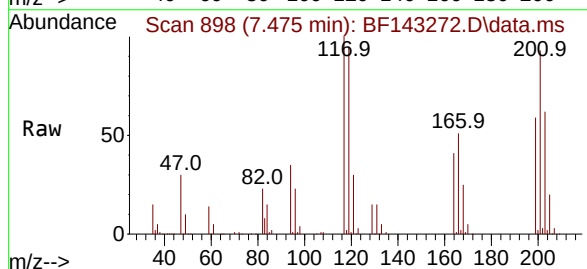
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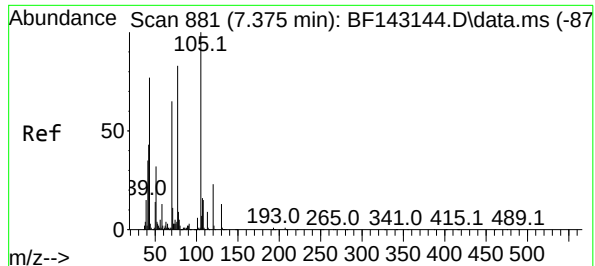
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#18
Hexachloroethane
Concen: 43.795 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:117 Resp: 114774
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.8
201 93.1 77.0 115.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.768 ng

RT: 7.369 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion: 70 Resp: 217334

Ion Ratio Lower Upper

70 100

42 66.4 52.5 78.7

101 9.7 7.6 11.4

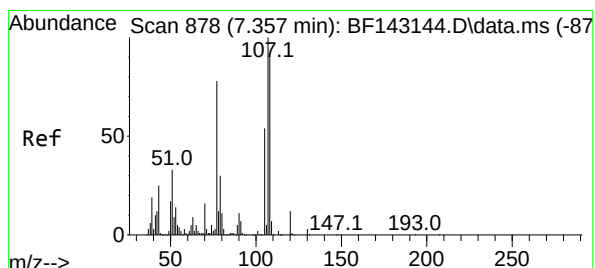
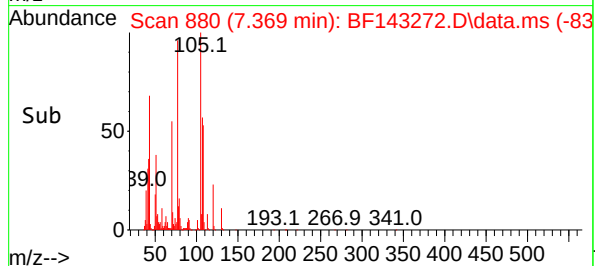
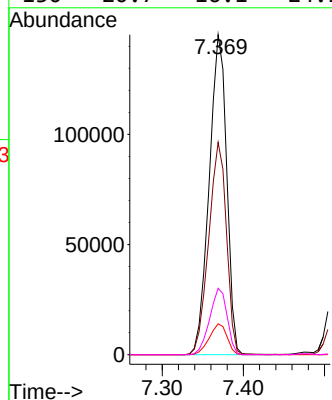
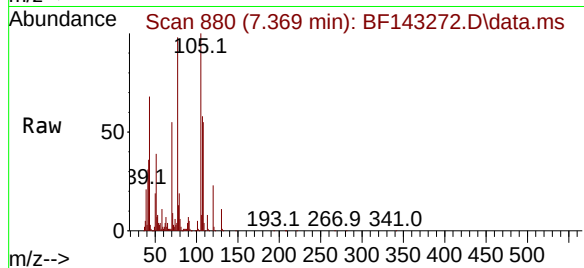
130 20.7 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#20

3+4-Methylphenols

Concen: 41.999 ng

RT: 7.363 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Tgt Ion:107 Resp: 296479

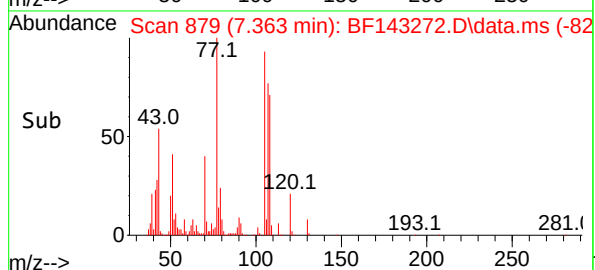
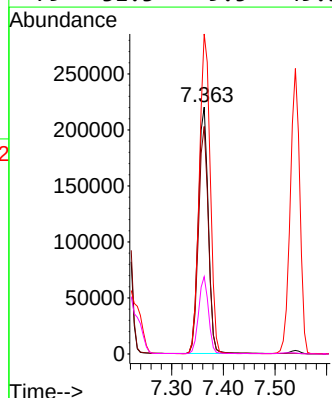
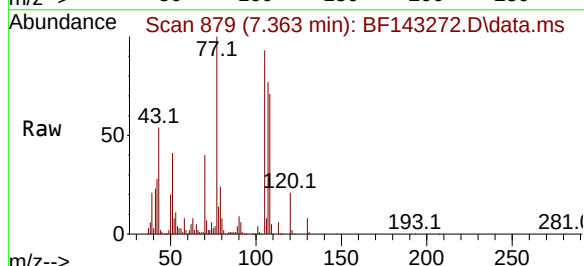
Ion Ratio Lower Upper

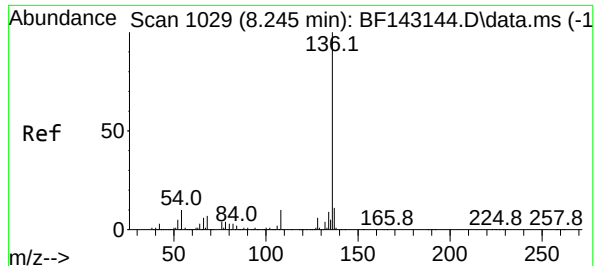
107 100

108 92.1 70.0 110.0

77 129.6 57.8 97.8#

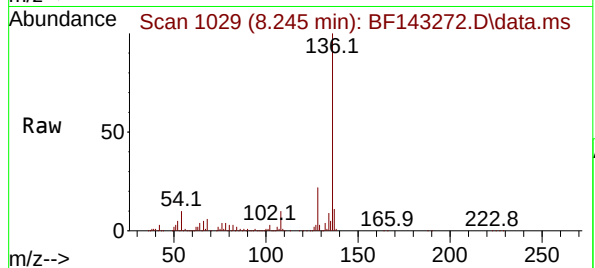
79 31.3 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

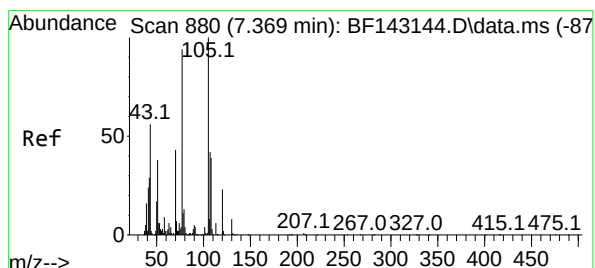
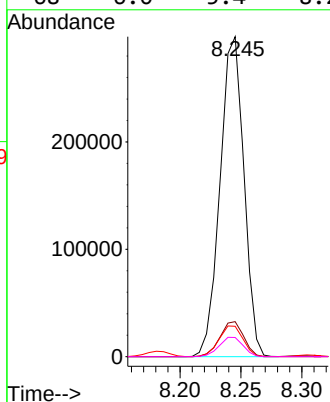
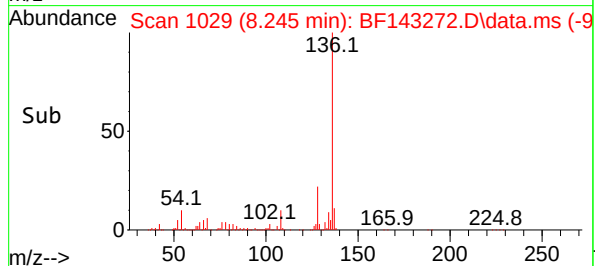
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:136 Resp: 406759
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 8.2 12.2
68 6.0 5.4 8.2

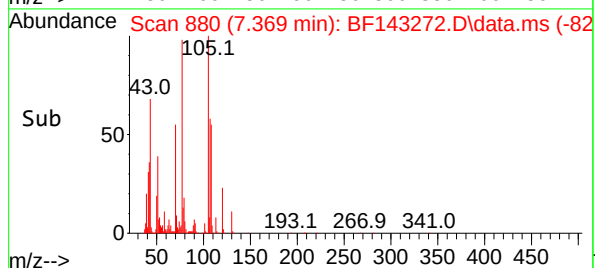
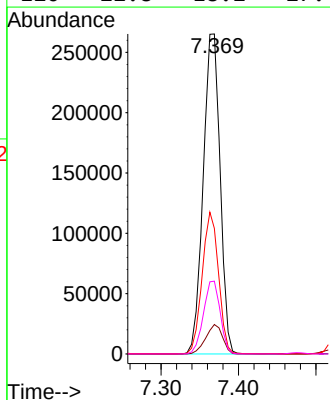
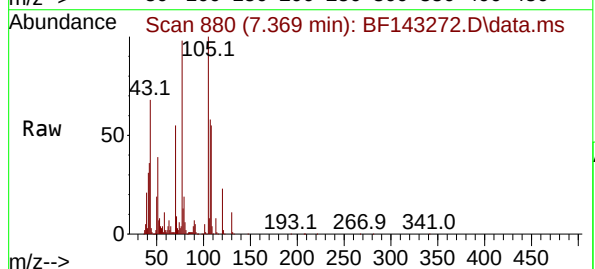
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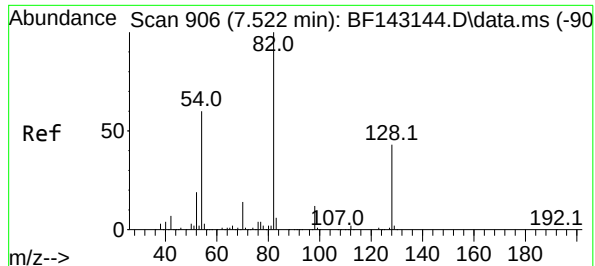
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#22
Acetophenone
Concen: 41.737 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:105 Resp: 401932
Ion Ratio Lower Upper
105 100
71 9.2 5.8 8.6#
51 39.3 30.2 45.2
120 22.8 18.2 27.4





#23

Nitrobenzene-d5

Concen: 78.288 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion: 82 Resp: 638840

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

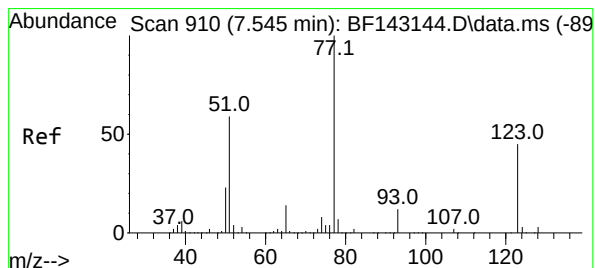
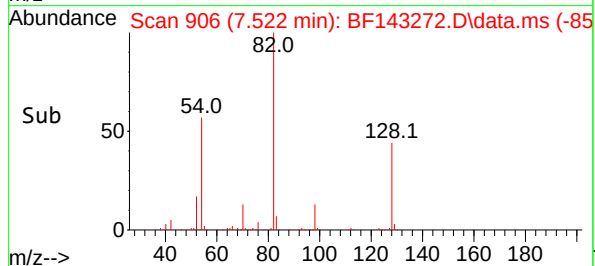
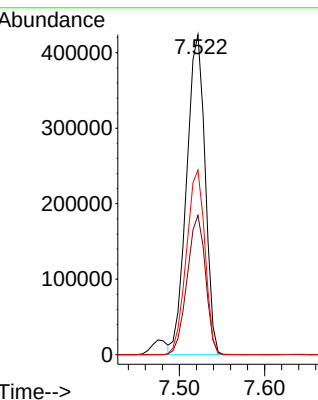
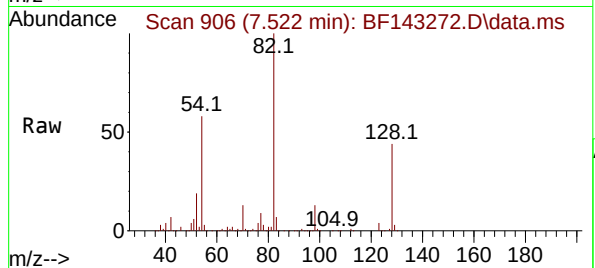
54 57.6 47.1 70.7

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#24

Nitrobenzene

Concen: 43.029 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

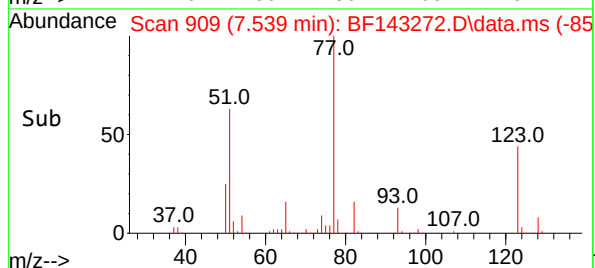
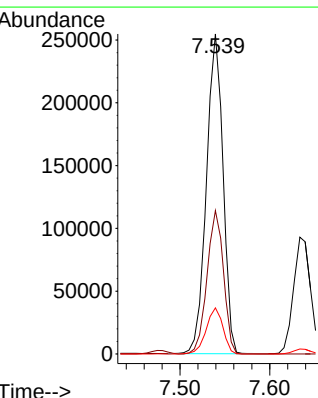
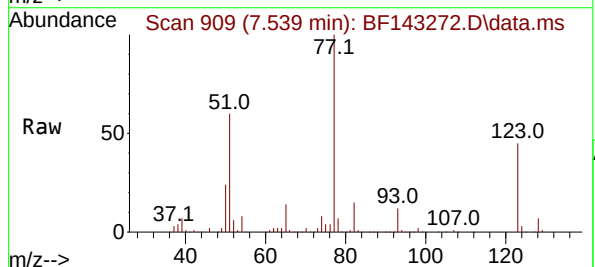
Tgt Ion: 77 Resp: 327352

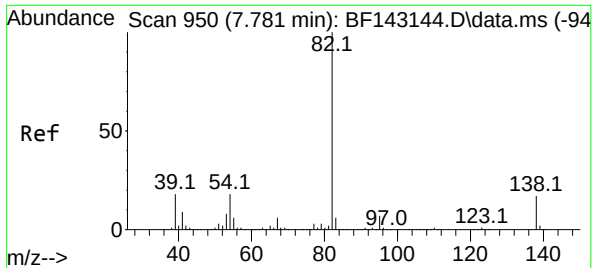
Ion Ratio Lower Upper

77 100

123 44.8 36.1 54.1

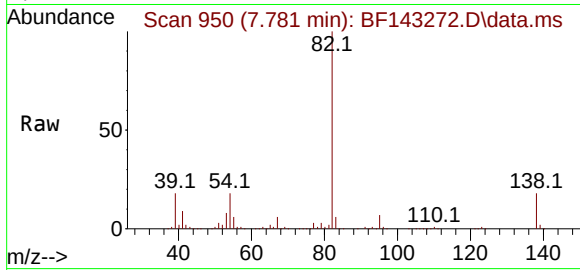
65 14.4 11.4 17.2





#25
Isophorone
Concen: 41.368 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

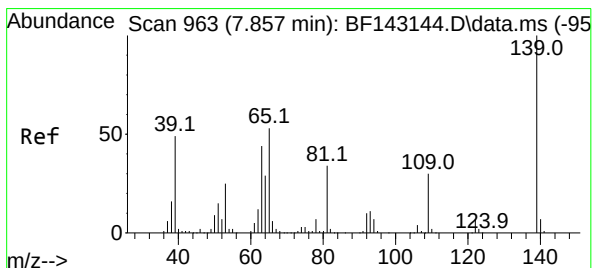
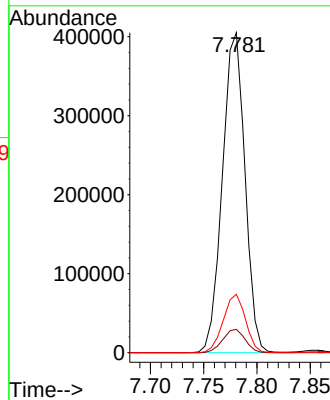
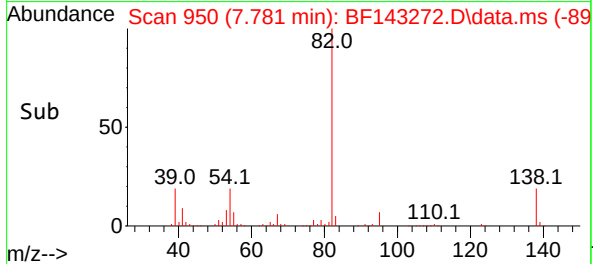
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion: 82 Resp: 595918
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.2 13.8 20.8

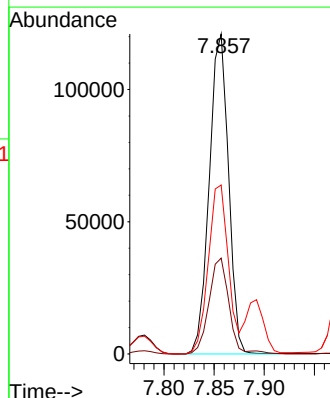
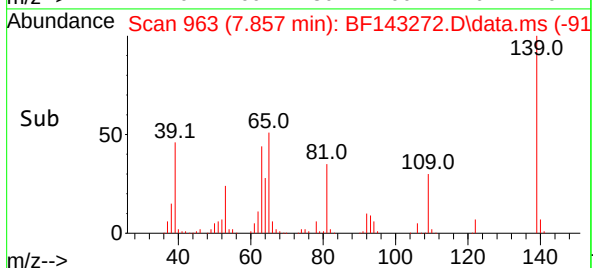
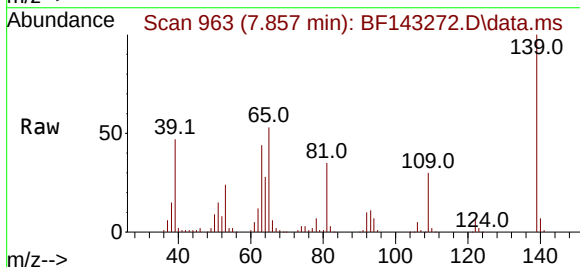
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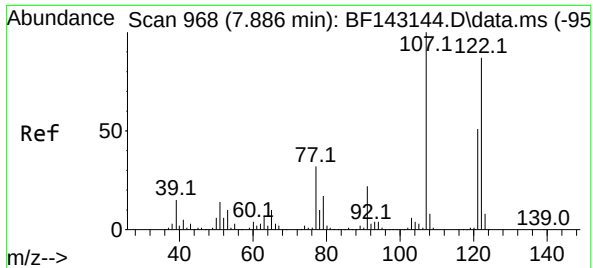
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#26
2-Nitrophenol
Concen: 48.933 ng
RT: 7.857 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:139 Resp: 161567
Ion Ratio Lower Upper
139 100
109 30.0 23.6 35.4
65 52.8 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 40.920 ng

RT: 7.892 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:122 Resp: 275400

Ion Ratio Lower Upper

122 100

107 116.2 91.8 137.6

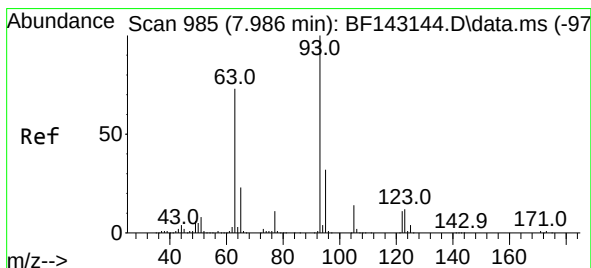
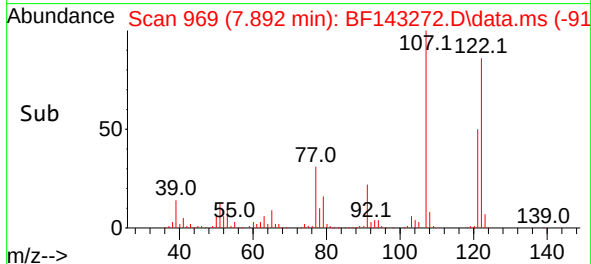
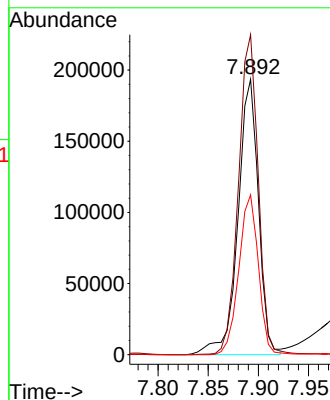
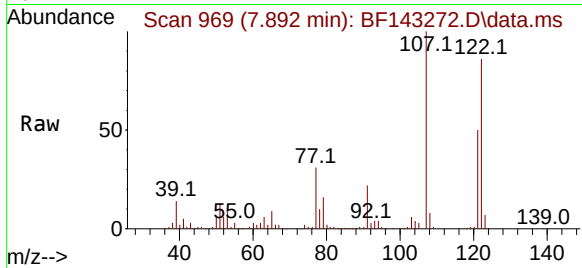
121 58.0 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.182 ng

RT: 7.986 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

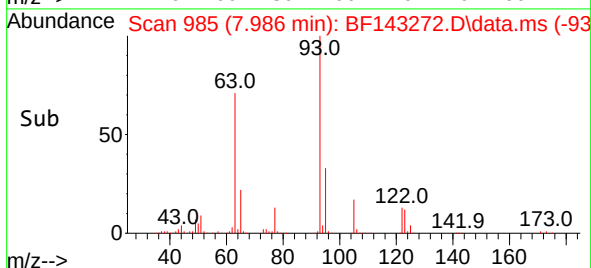
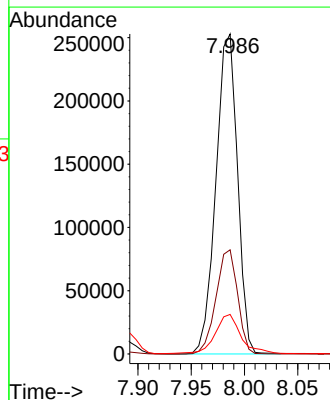
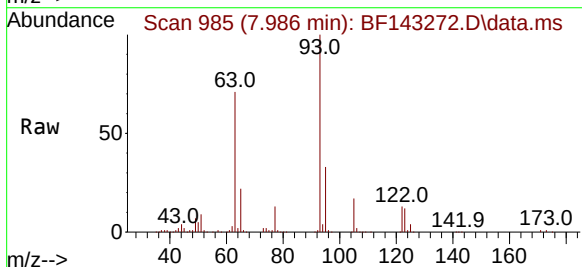
Tgt Ion: 93 Resp: 355691

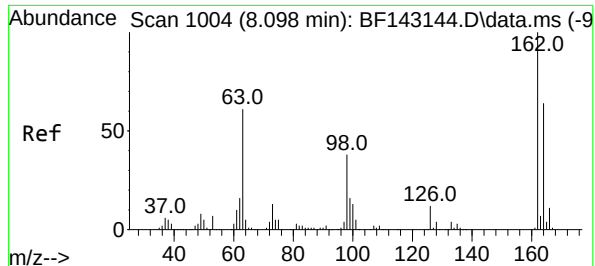
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

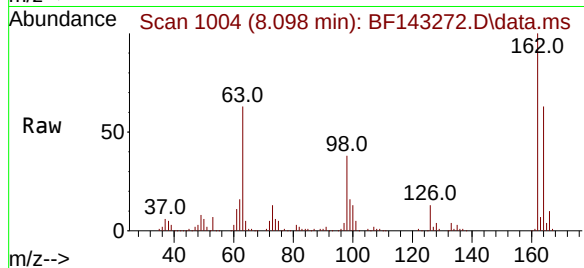
123 12.3 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 43.829 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

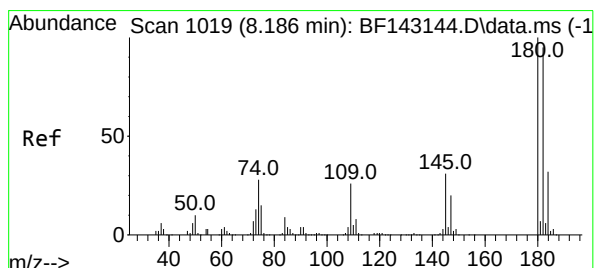
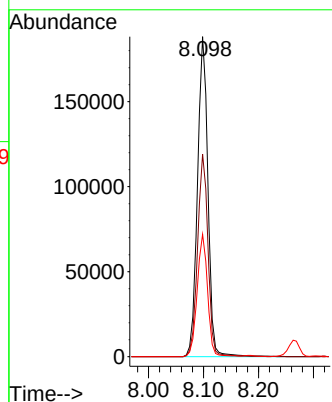
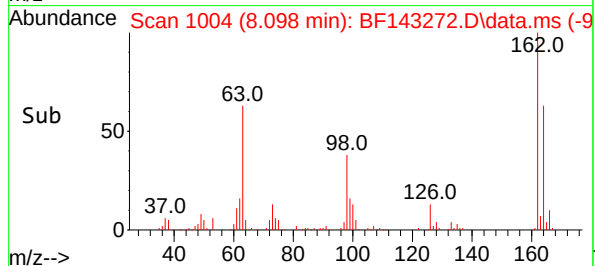
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:162 Resp: 248769
Ion Ratio Lower Upper
162 100
164 63.3 44.2 84.2
98 38.2 17.9 57.9

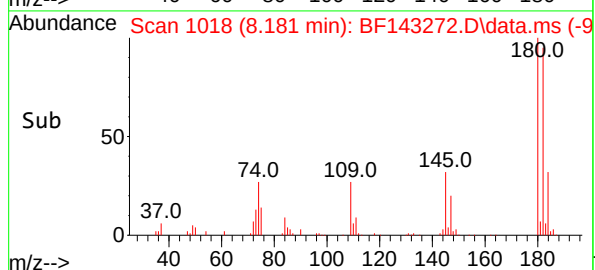
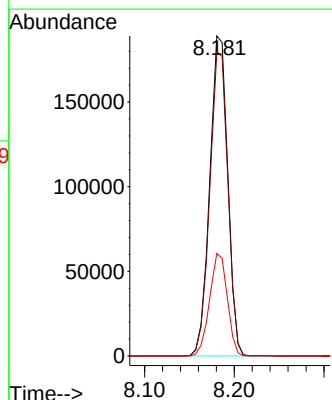
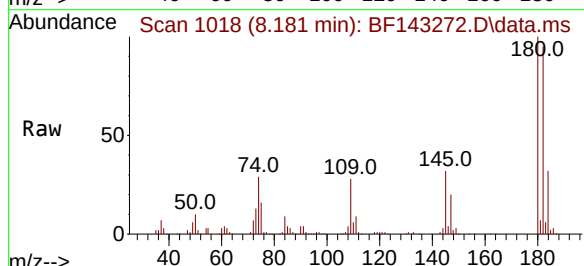
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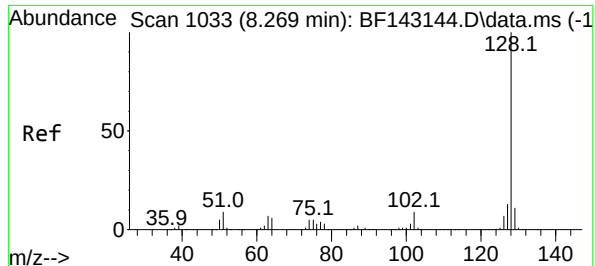
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#30
1,2,4-Trichlorobenzene
Concen: 43.035 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:180 Resp: 263885
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 32.1 25.0 37.6





#31

Naphthalene

Concen: 42.624 ng

RT: 8.263 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:128 Resp: 85385

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

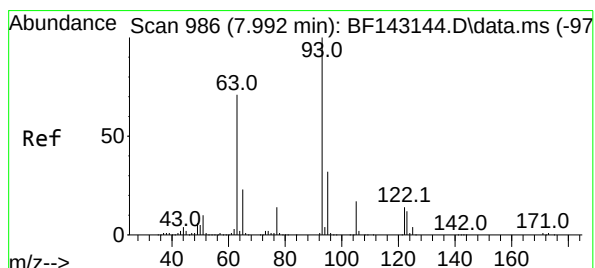
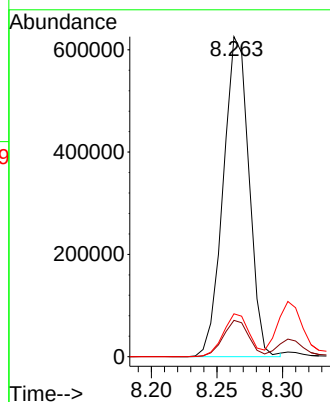
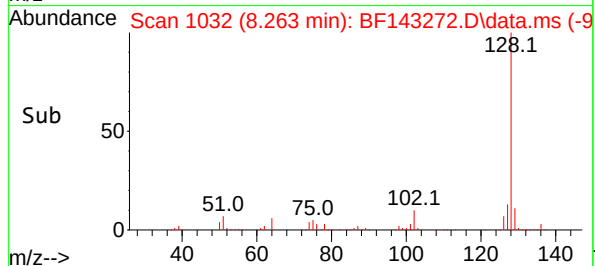
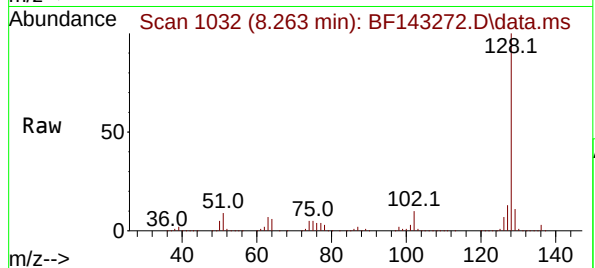
127 13.4 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#32

Benzoic acid

Concen: 43.176 ng

RT: 8.010 min Scan# 989

Delta R.T. 0.018 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

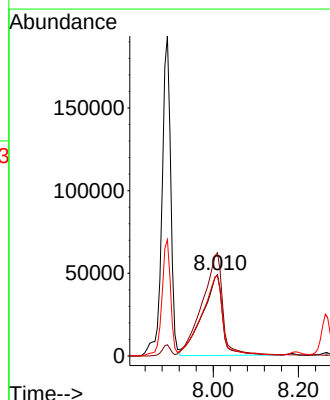
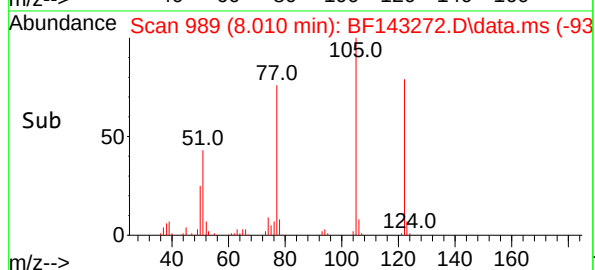
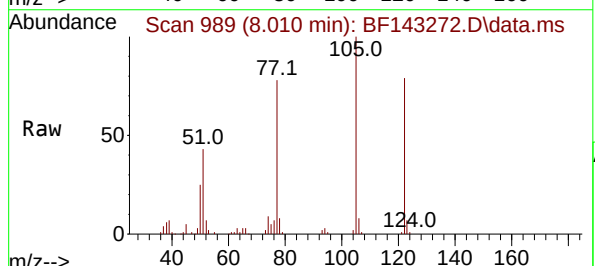
Tgt Ion:122 Resp: 161477

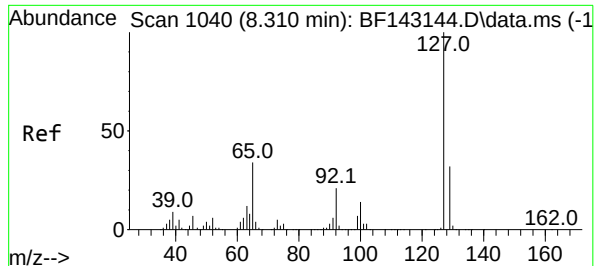
Ion Ratio Lower Upper

122 100

105 126.9 104.8 144.8

77 98.7 77.6 117.6





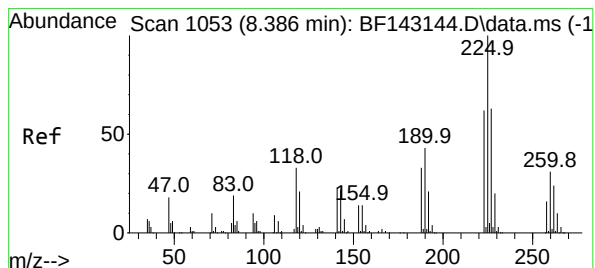
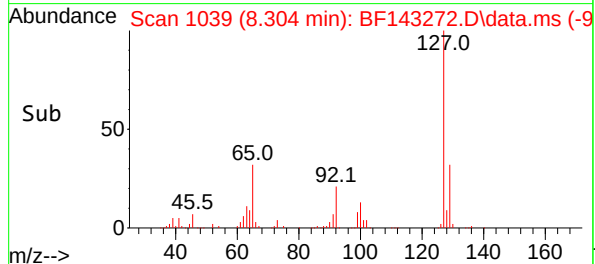
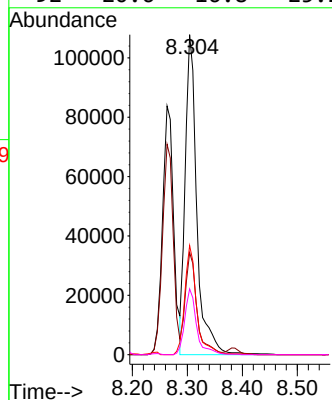
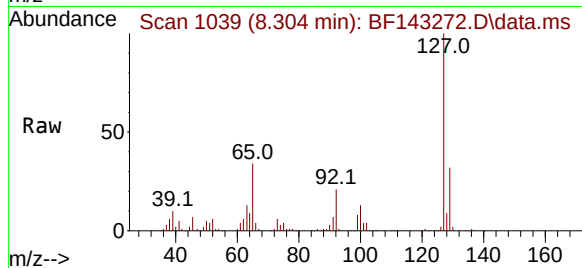
#33
4-Chloroaniline
Concen: 19.470 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Tgt Ion:127 Resp: 159258
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 34.1 27.4 41.2
92 20.6 16.8 25.2

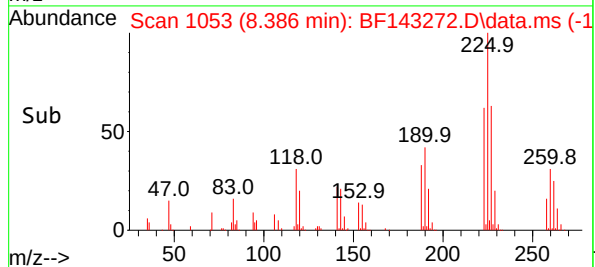
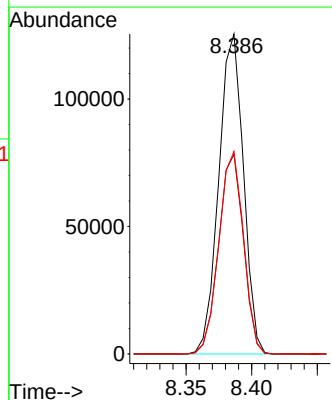
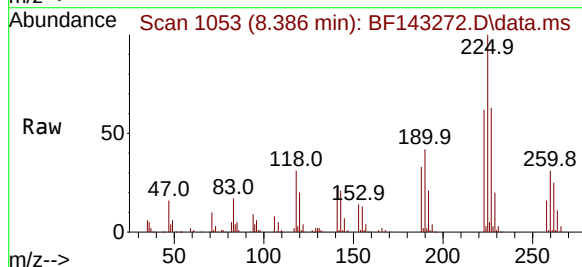
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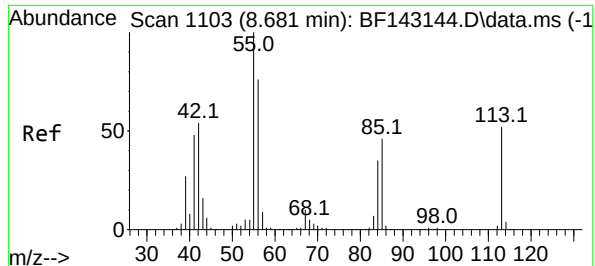
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#34
Hexachlorobutadiene
Concen: 43.791 ng
RT: 8.386 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:225 Resp: 164034
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.6
227 63.3 50.2 75.4





#35

Caprolactam

Concen: 48.129 ng m

RT: 8.675 min Scan# 1103

Delta R.T. -0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:113 Resp: 8254

Ion Ratio Lower Upper

113 100

55 196.7 174.0 214.0

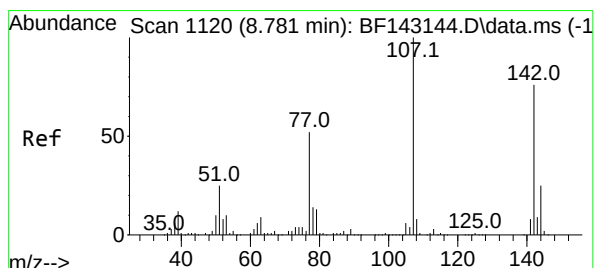
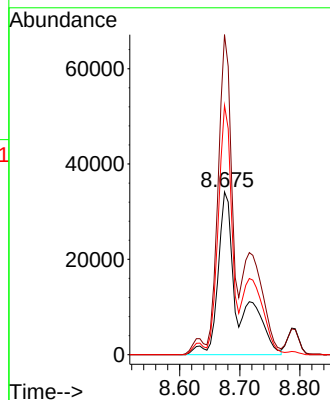
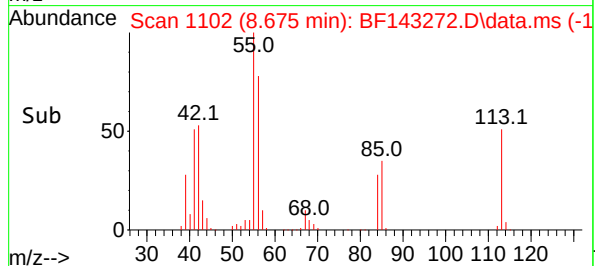
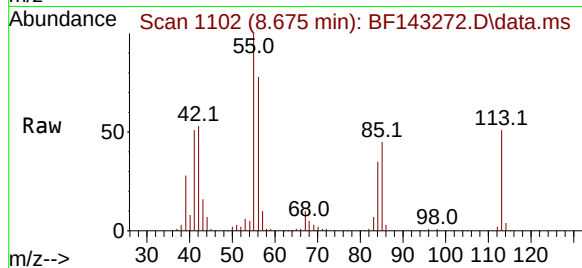
56 153.2 126.6 166.6

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#36

4-Chloro-3-methylphenol

Concen: 44.817 ng

RT: 8.792 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

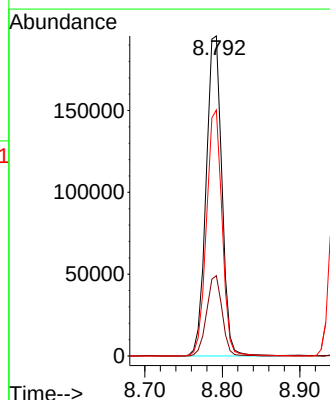
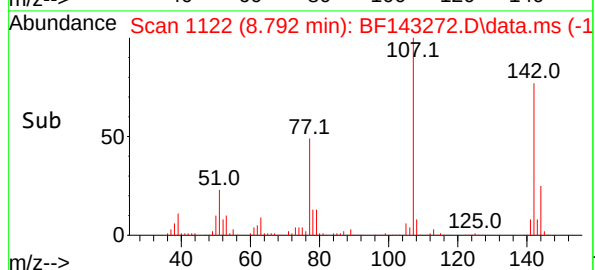
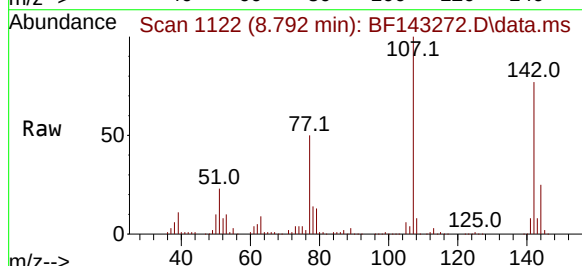
Tgt Ion:107 Resp: 276483

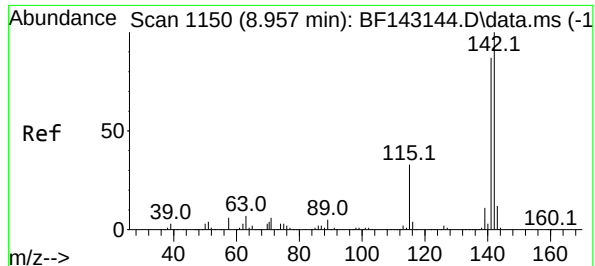
Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

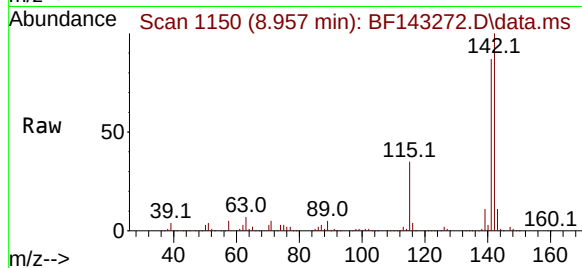
142 76.9 60.6 90.8





#37
2-Methylnaphthalene
Concen: 42.796 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

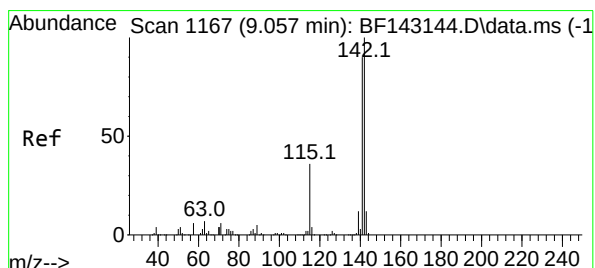
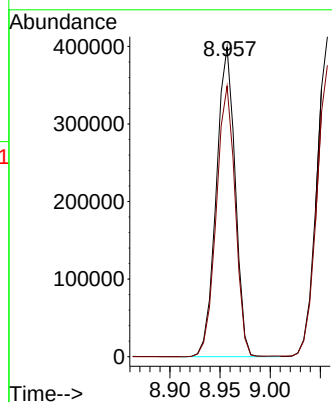
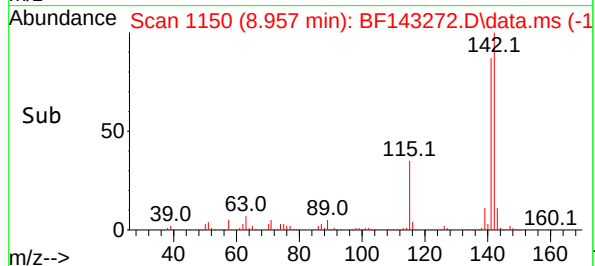
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:142 Resp: 521678
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9

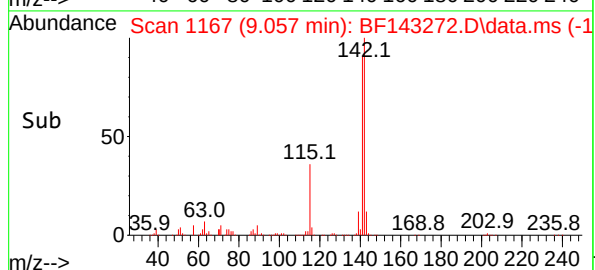
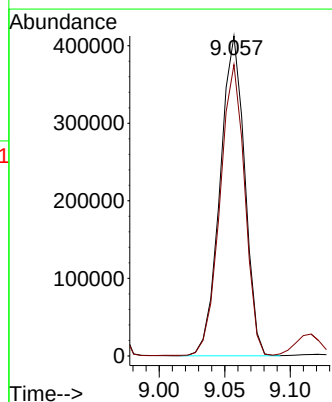
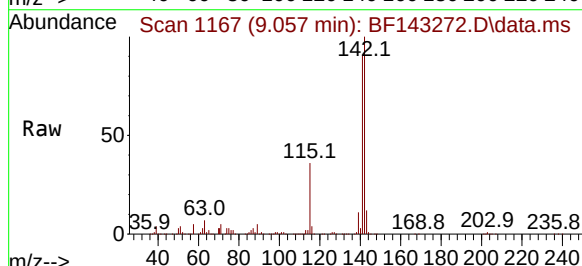
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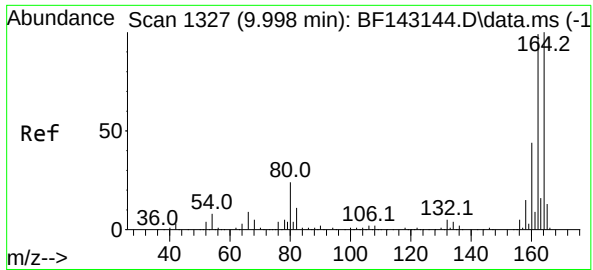
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#38
1-Methylnaphthalene
Concen: 42.893 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:142 Resp: 538424
Ion Ratio Lower Upper
142 100
141 91.0 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:164 Resp: 21572

Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

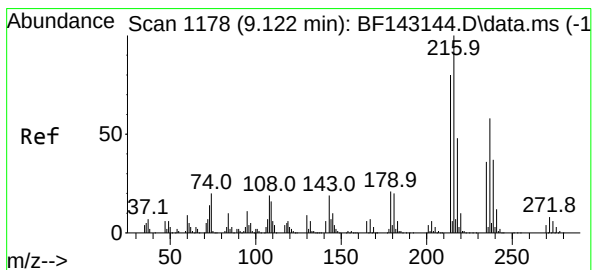
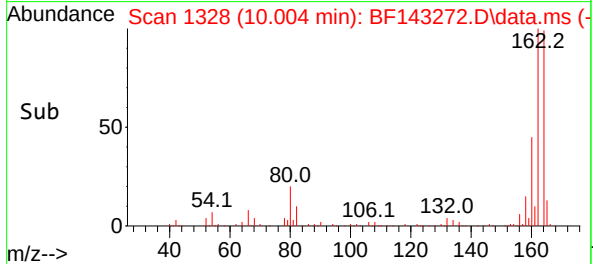
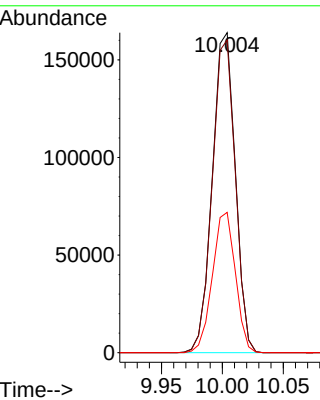
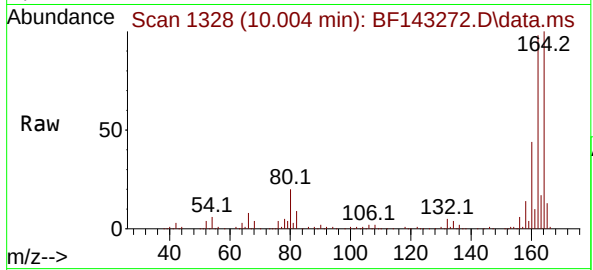
160 43.9 35.1 52.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.111 ng

RT: 9.128 min Scan# 1179

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Tgt Ion:216 Resp: 262276

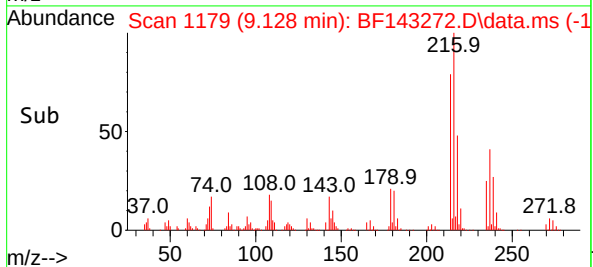
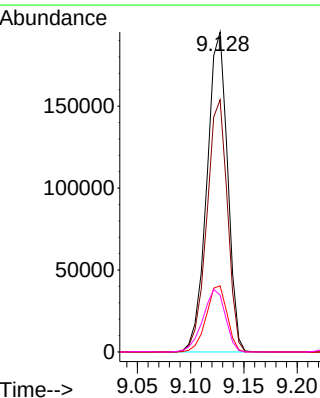
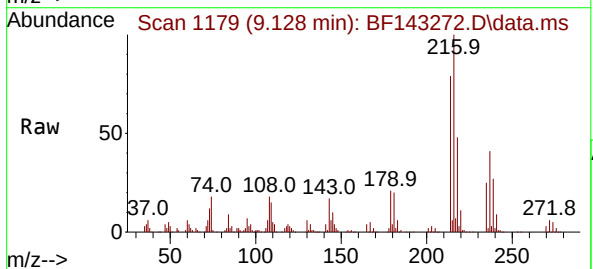
Ion Ratio Lower Upper

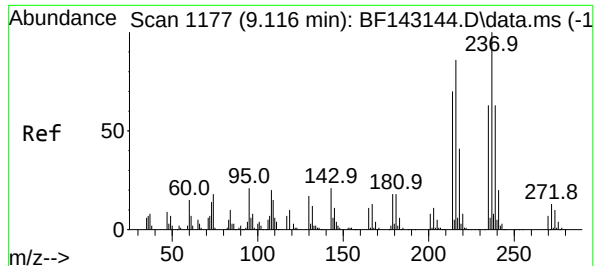
216 100

214 78.7 63.8 95.8

179 20.9 16.4 24.6

108 21.3 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 79.544 ng

RT: 9.116 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:237 Resp: 32235

Ion Ratio Lower Upper

237 100

235 62.6 43.0 83.0

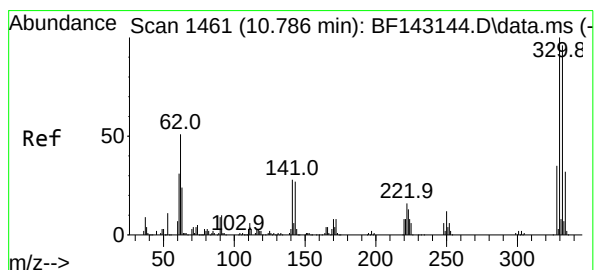
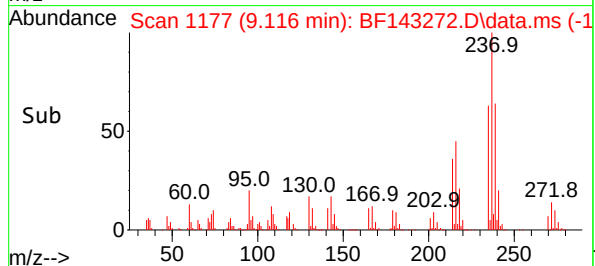
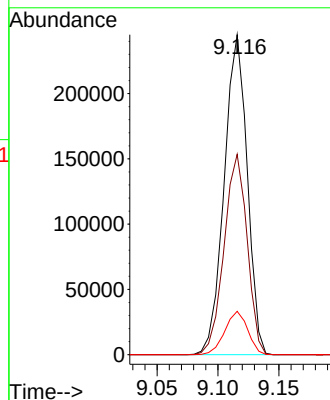
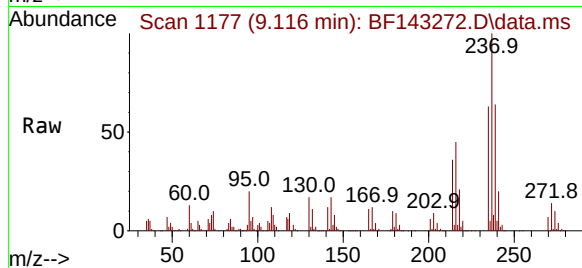
272 13.6 0.0 33.3

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#42

2,4,6-Tribromophenol

Concen: 129.745 ng

RT: 10.792 min Scan# 1462

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

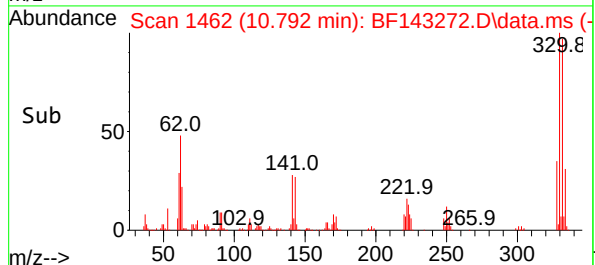
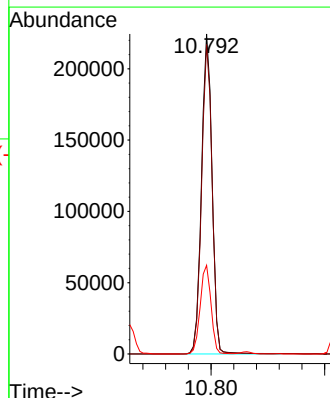
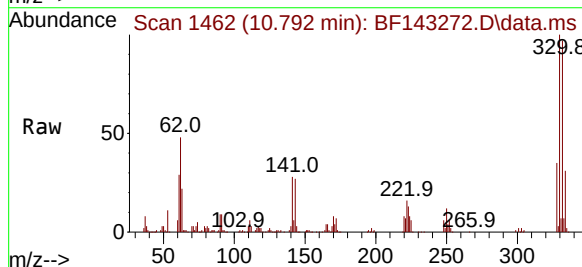
Tgt Ion:330 Resp: 289143

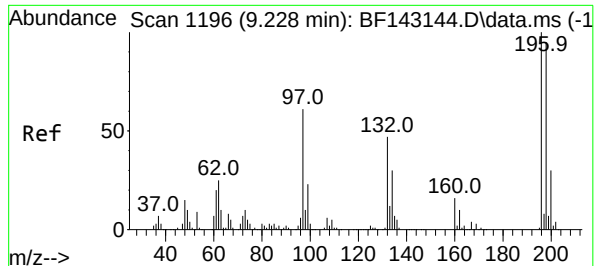
Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

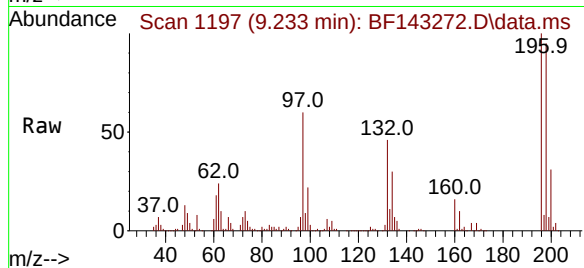
141 28.4 23.3 34.9





#43
2,4,6-Trichlorophenol
Concen: 41.968 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

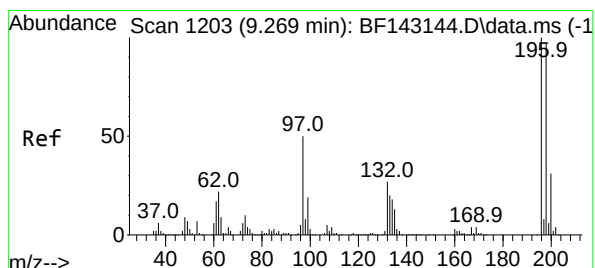
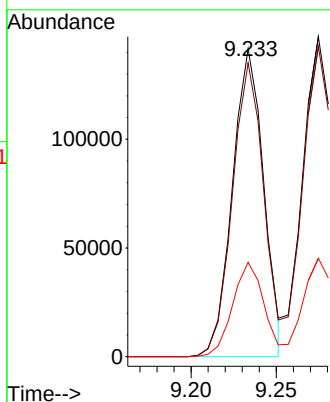
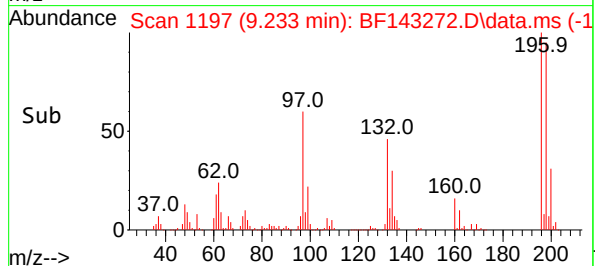
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



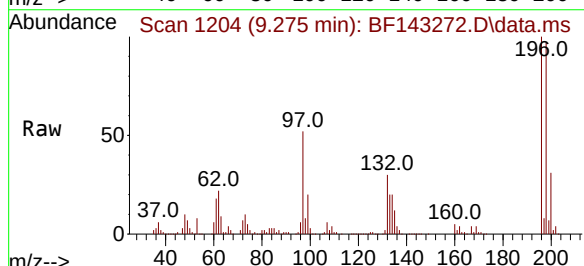
Tgt Ion:196 Resp: 18090
Ion Ratio Lower Upper
196 100
198 95.3 76.2 114.2
200 30.7 23.9 35.9

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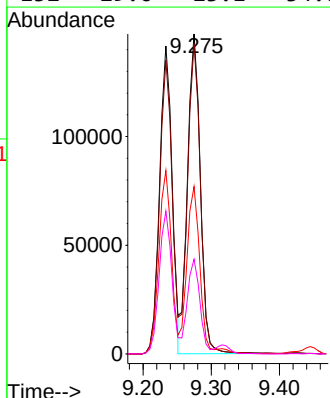
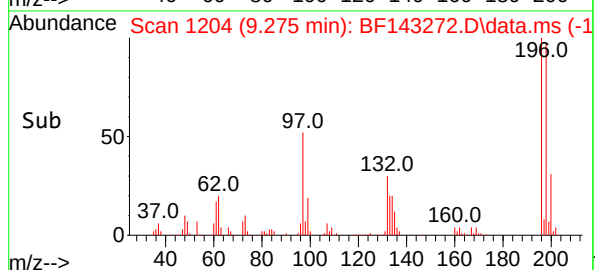
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

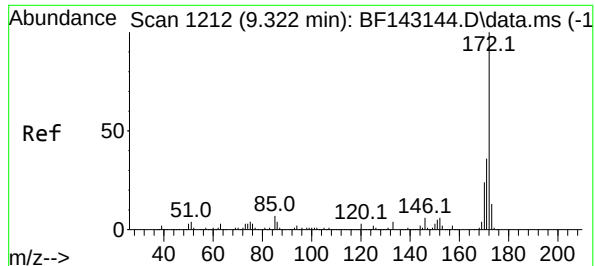


#44
2,4,5-Trichlorophenol
Concen: 44.489 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



Tgt Ion:196 Resp: 191822
Ion Ratio Lower Upper
196 100
198 97.0 77.3 115.9
97 52.3 40.3 60.5
132 29.6 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.003 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:172 Resp: 1183069

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

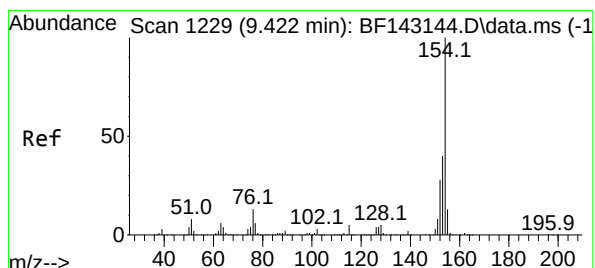
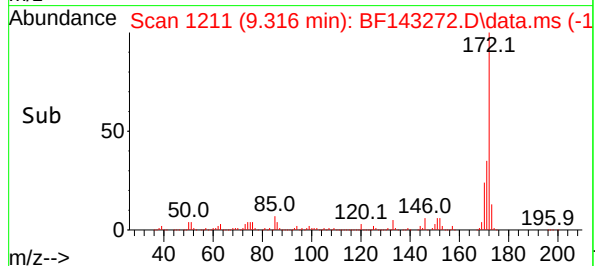
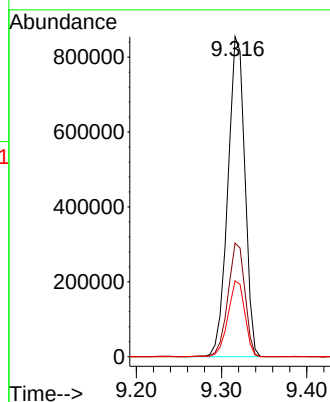
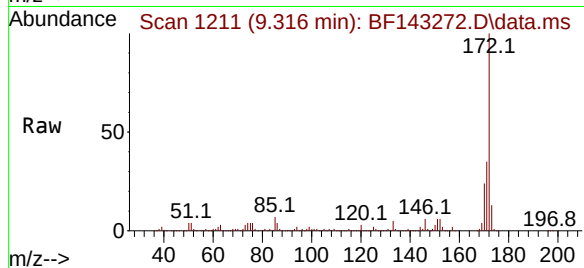
170 23.7 18.8 28.2

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#46

1,1'-Biphenyl

Concen: 42.592 ng

RT: 9.422 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

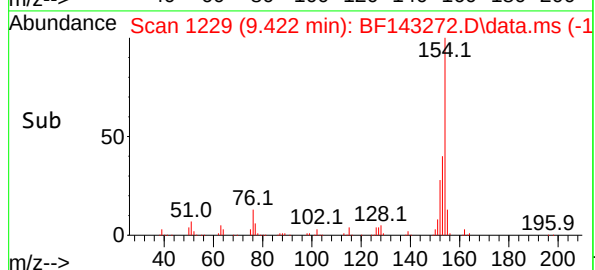
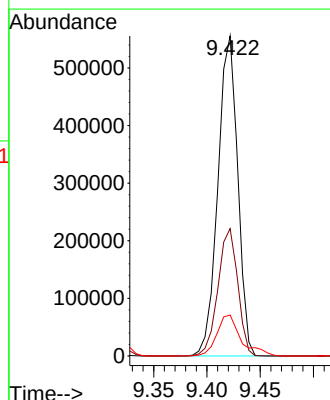
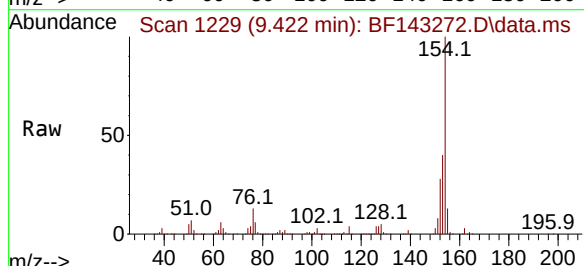
Tgt Ion:154 Resp: 716855

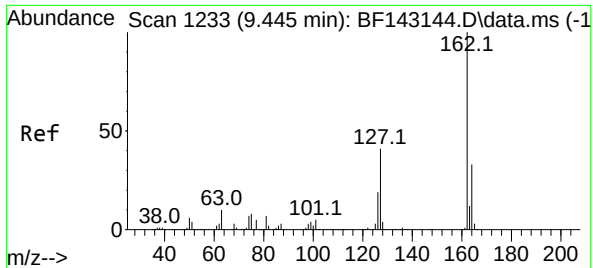
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 12.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.362 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:162 Resp: 52755

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

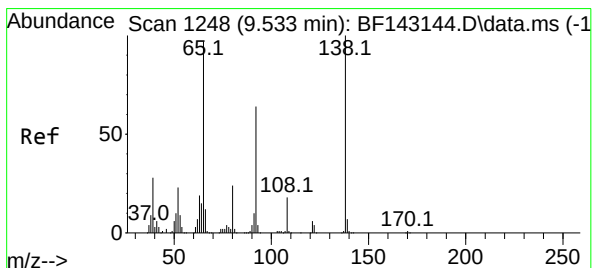
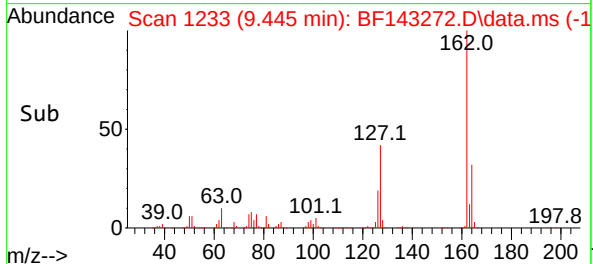
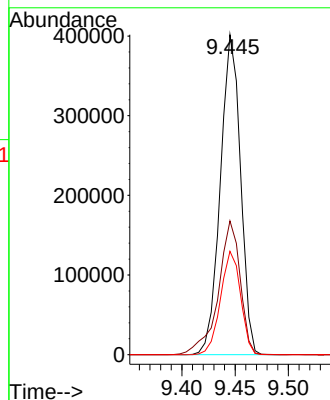
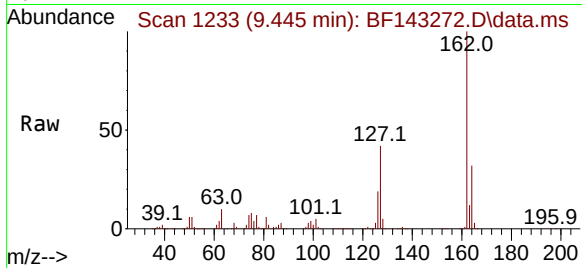
164 32.3 26.2 39.2

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#48

2-Nitroaniline

Concen: 47.120 ng

RT: 9.533 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

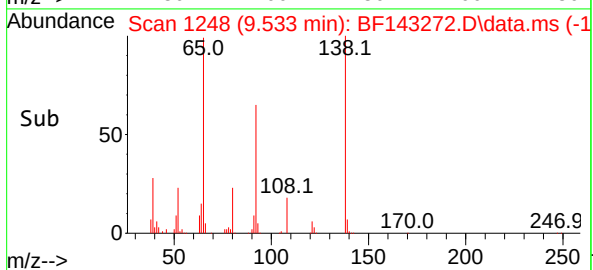
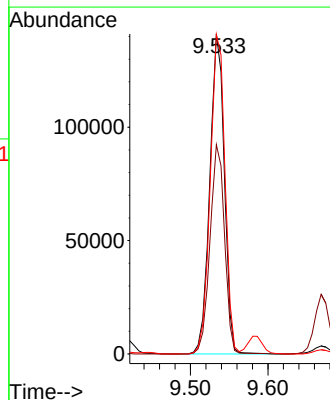
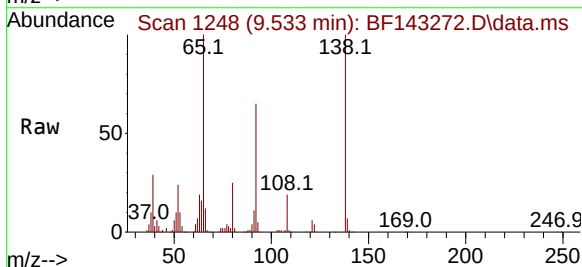
Tgt Ion: 65 Resp: 184021

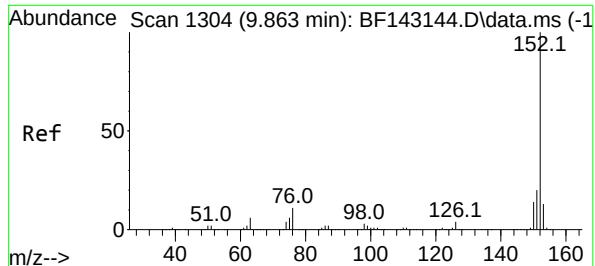
Ion Ratio Lower Upper

65 100

92 65.4 52.4 78.6

138 99.9 82.3 123.5





#49

Acenaphthylene

Concen: 42.386 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:152 Resp: 88460

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

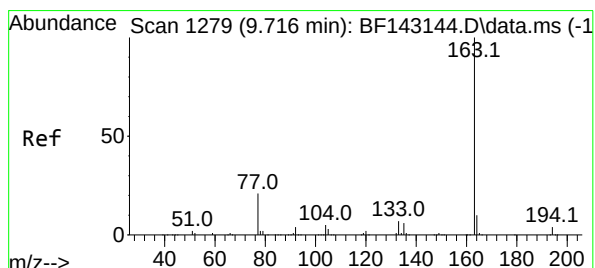
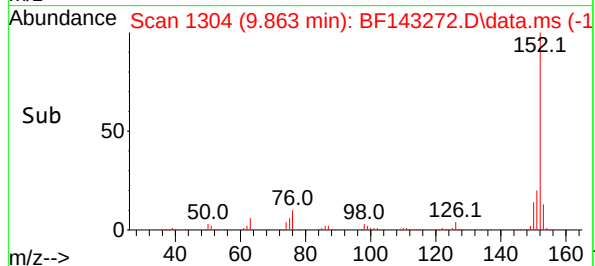
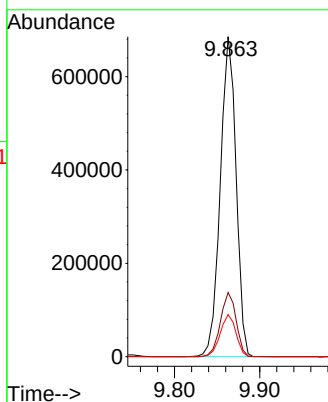
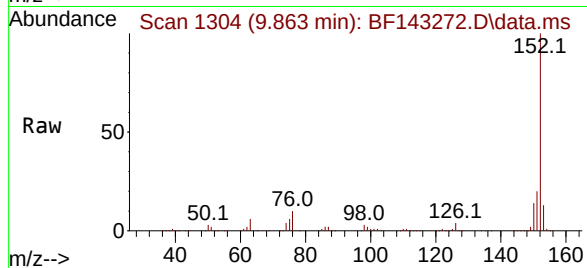
153 13.1 10.6 16.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#50

Dimethylphthalate

Concen: 44.412 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

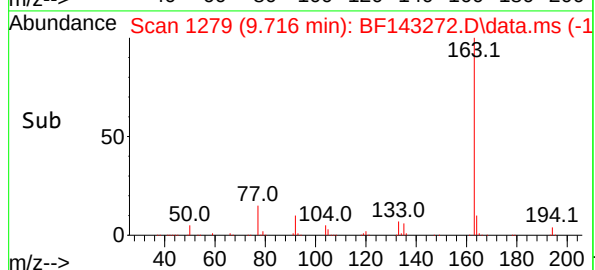
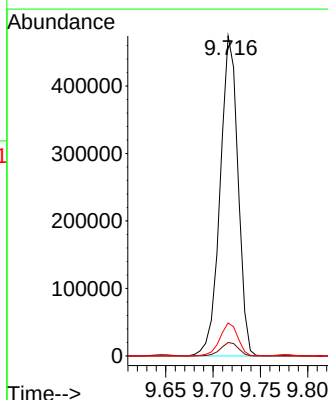
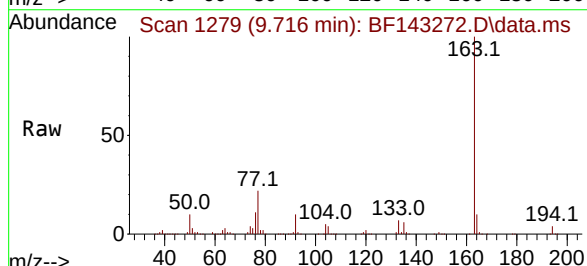
Tgt Ion:163 Resp: 624497

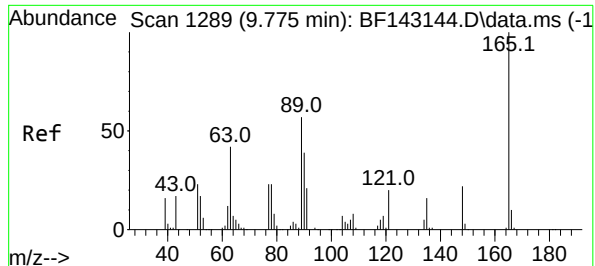
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

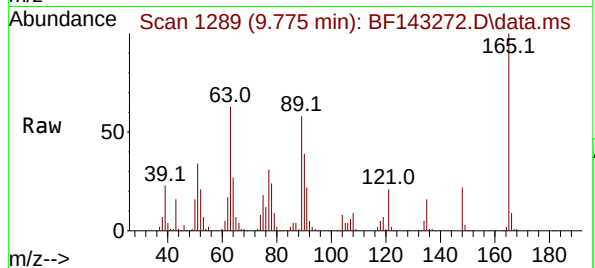
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.259 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

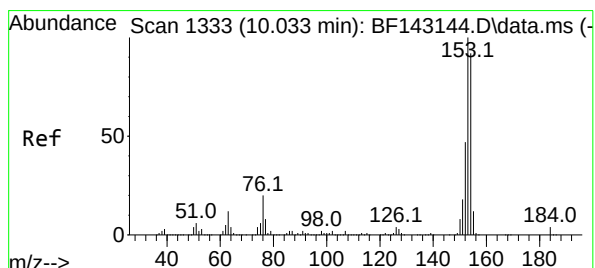
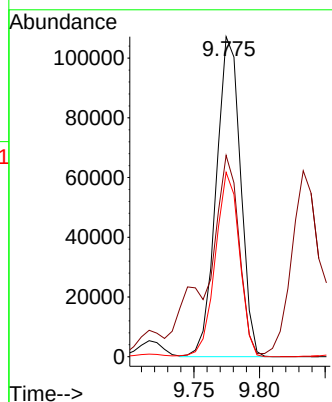
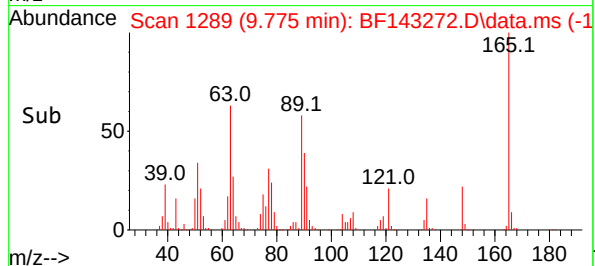
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:165 Resp: 138044
Ion Ratio Lower Upper
165 100
63 62.9 49.4 74.2
89 57.6 46.2 69.2

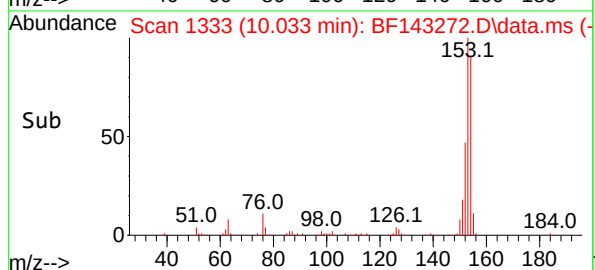
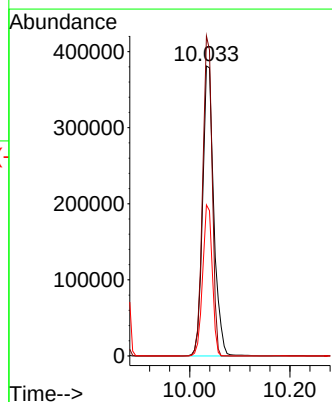
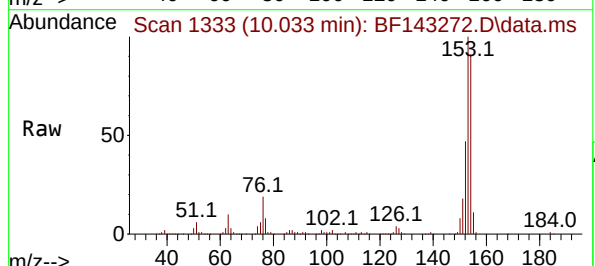
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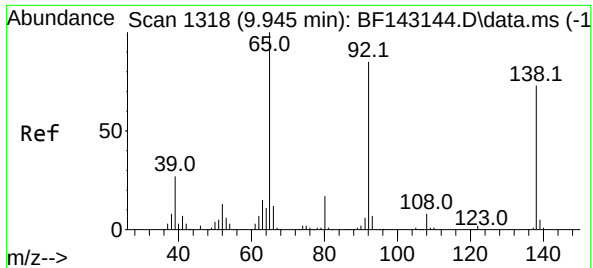
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#52
Acenaphthene
Concen: 47.898 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:154 Resp: 590828
Ion Ratio Lower Upper
154 100
153 110.4 86.6 129.8
152 52.1 40.4 60.6





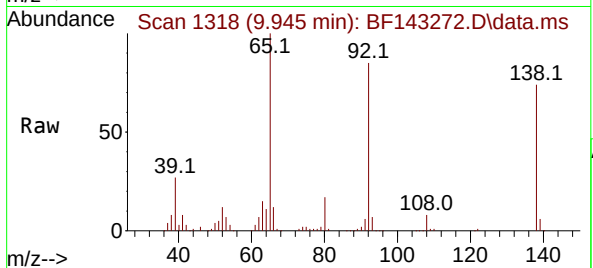
#53
3-Nitroaniline
Concen: 29.786 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

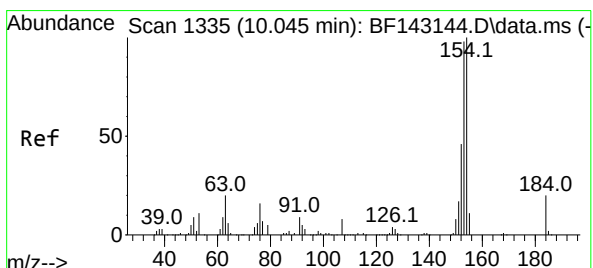
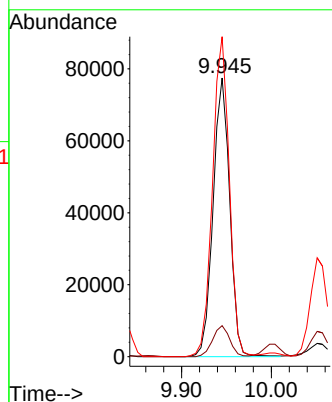
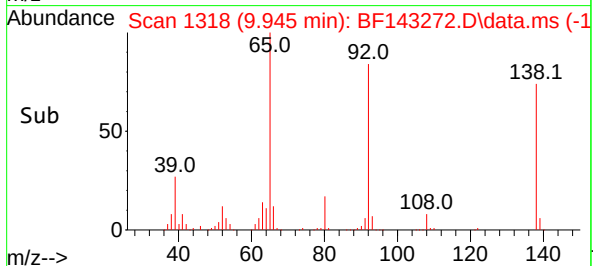


Tgt Ion:138 Resp: 99660
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.6
92 114.8 93.0 139.4

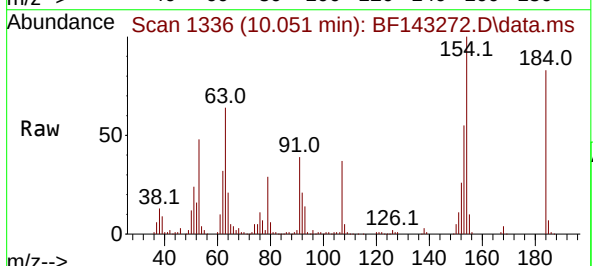
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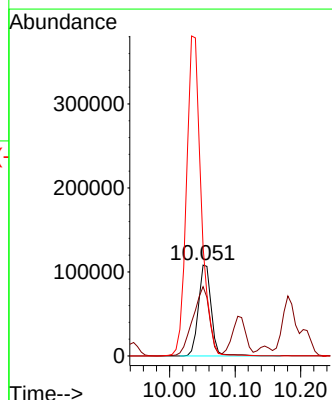
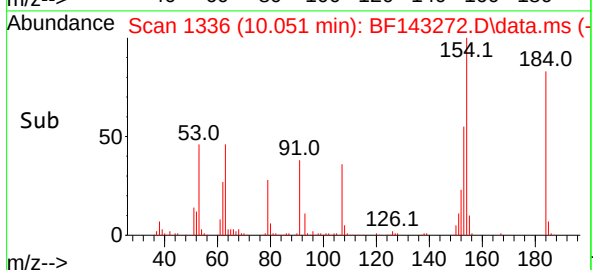
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

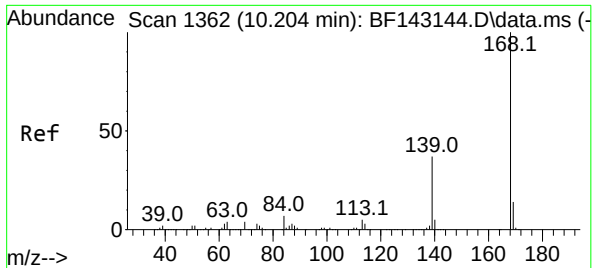


#54
2,4-Dinitrophenol
Concen: 111.422 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



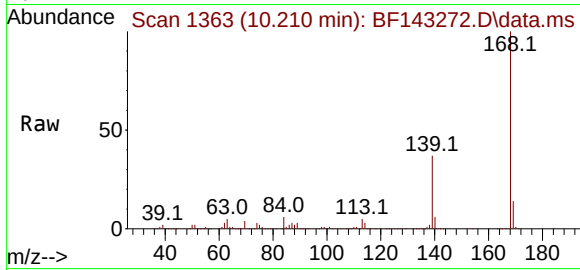
Tgt Ion:184 Resp: 148155
Ion Ratio Lower Upper
184 100
63 76.2 81.8 122.6#
154 119.8 412.2 618.4#





#55
Dibenzenofuran
Concen: 41.570 ng
RT: 10.210 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

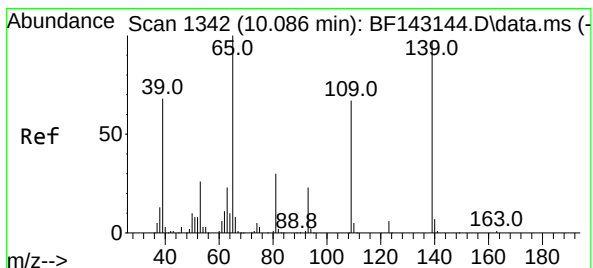
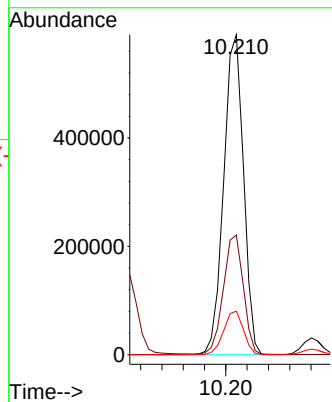
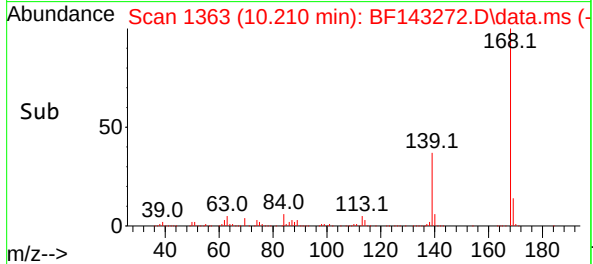
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:168 Resp: 76130
Ion Ratio Lower Upper
168 100
139 37.3 29.5 44.3
169 13.6 10.9 16.3

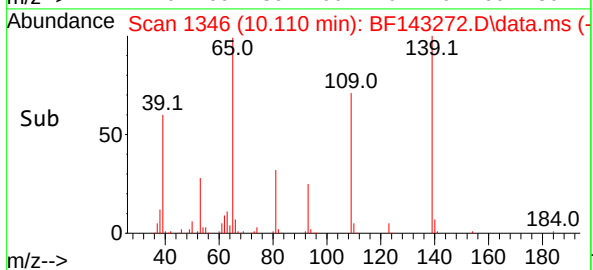
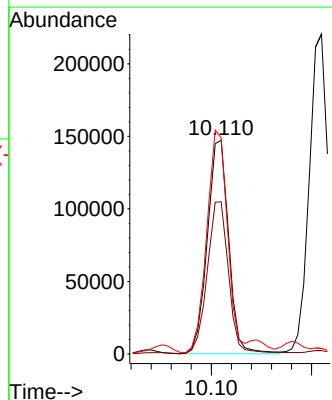
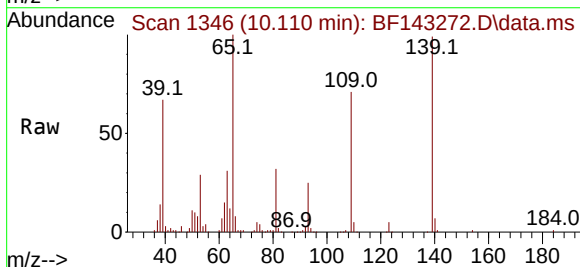
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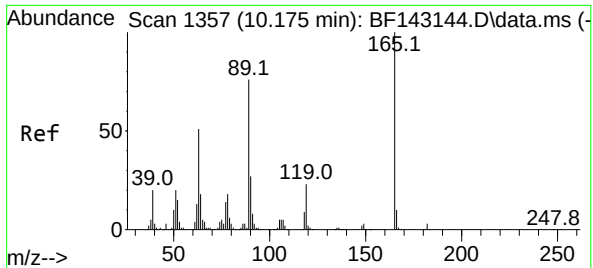
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#56
4-Nitrophenol
Concen: 86.955 ng
RT: 10.110 min Scan# 1346
Delta R.T. 0.023 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

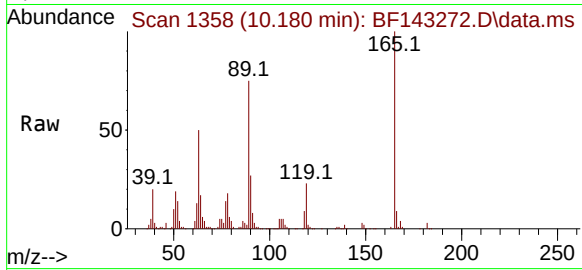
Tgt Ion:139 Resp: 217254
Ion Ratio Lower Upper
139 100
109 71.2 48.5 88.5
65 101.0 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 51.607 ng
RT: 10.180 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

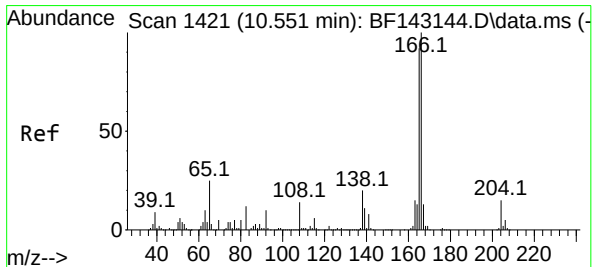
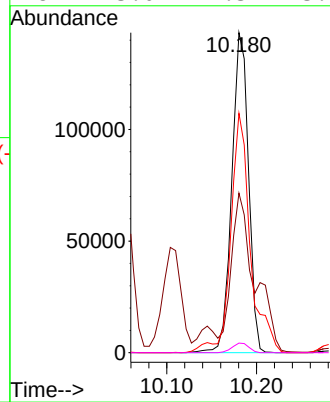
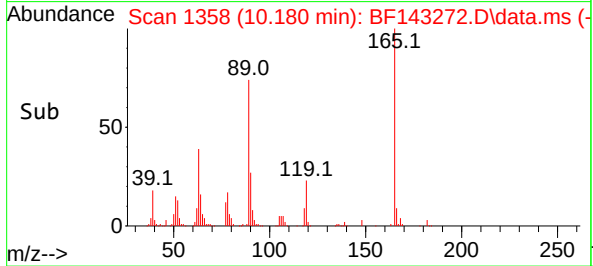
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:165 Resp: 185200
Ion Ratio Lower Upper
165 100
63 49.8 41.0 61.4
89 74.8 61.1 91.7
182 3.0 2.3 3.5

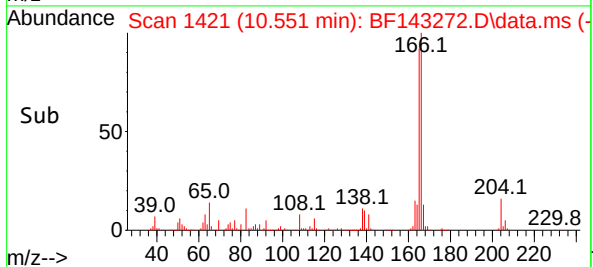
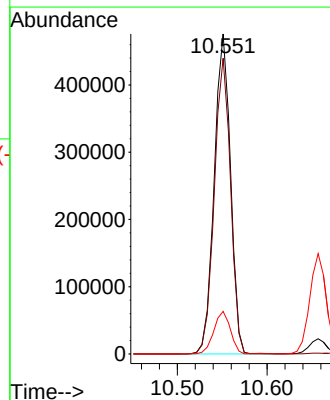
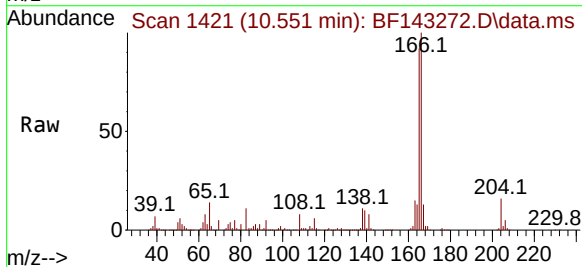
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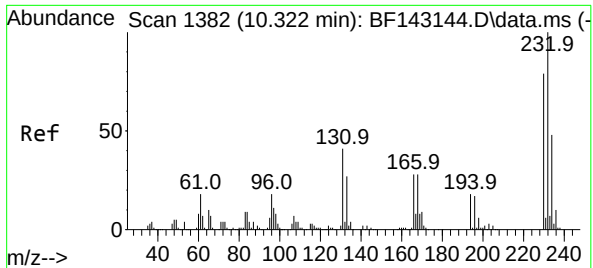
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#58
Fluorene
Concen: 43.563 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

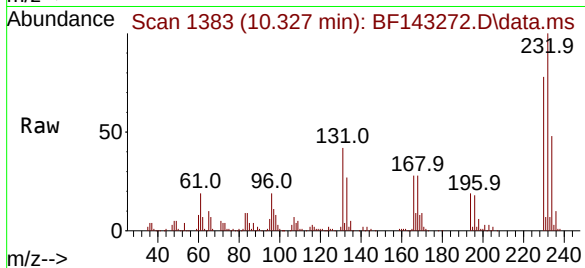
Tgt Ion:166 Resp: 598771
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.920 ng
RT: 10.327 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

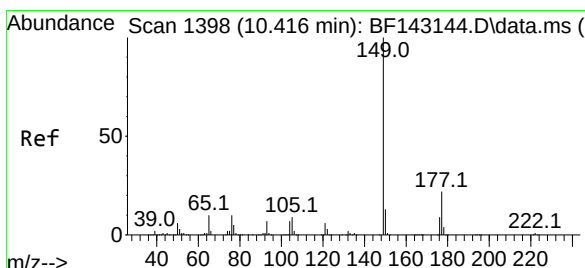
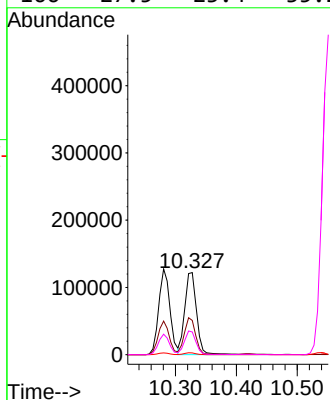
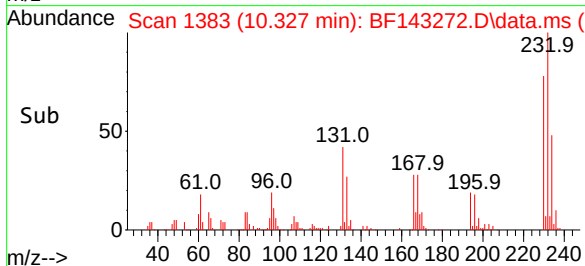
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



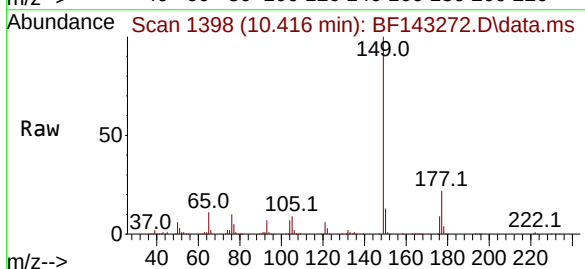
Tgt Ion:232 Resp: 164010
Ion Ratio Lower Upper
232 100
131 43.1 35.3 52.9
130 2.2 1.7 2.5
166 27.5 23.4 35.2

Manual Integrations
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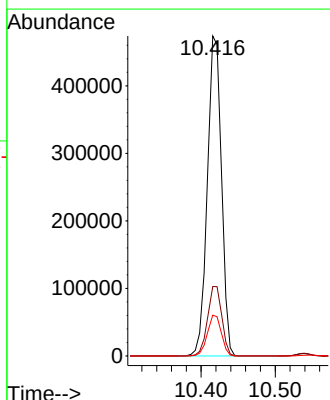
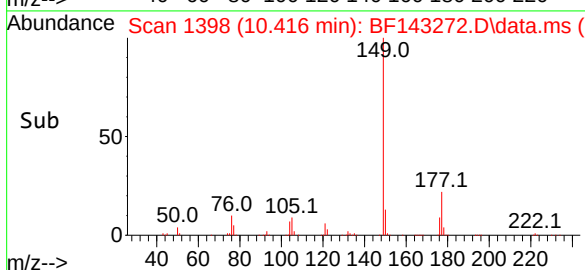
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

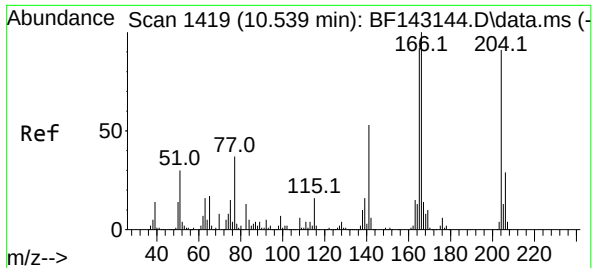


#60
Diethylphthalate
Concen: 45.114 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



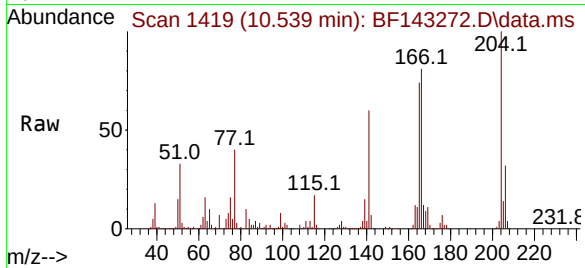
Tgt Ion:149 Resp: 627013
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.407 ng
RT: 10.539 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

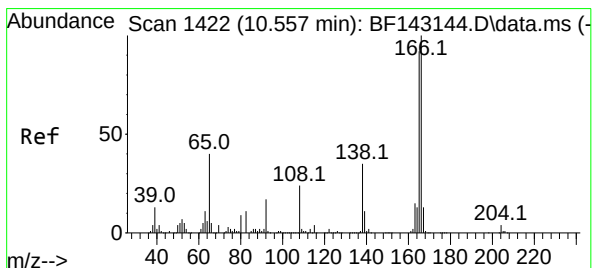
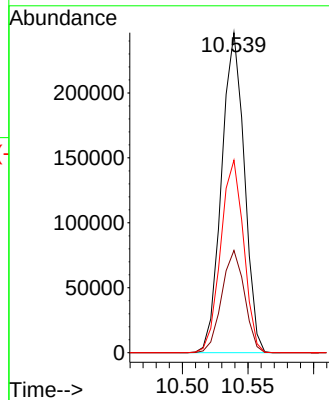
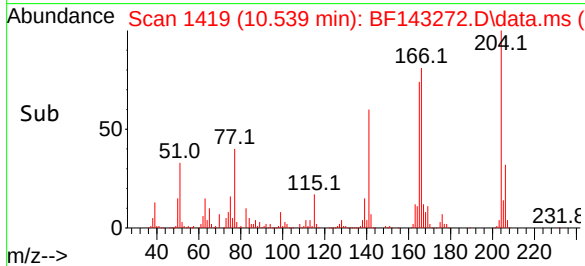
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



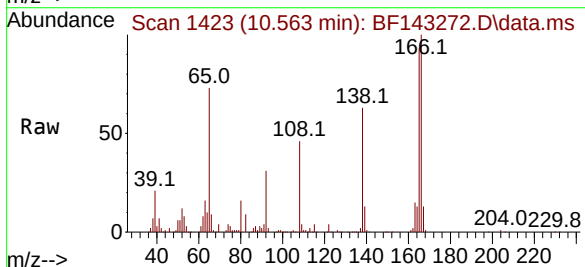
Tgt Ion:204 Resp: 297085
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.8
141 60.1 47.0 70.4

Manual Integrations
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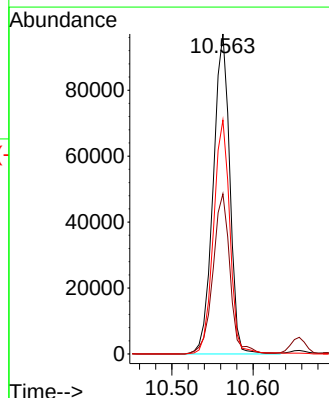
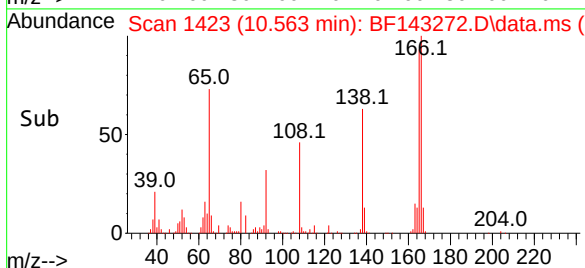
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

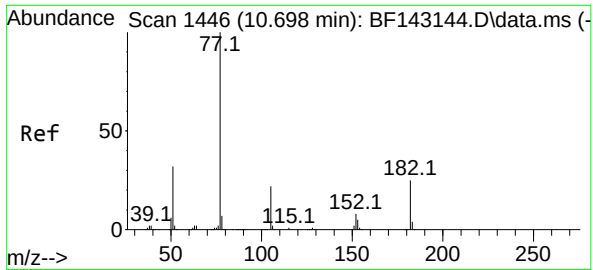


#62
4-Nitroaniline
Concen: 48.065 ng
RT: 10.563 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



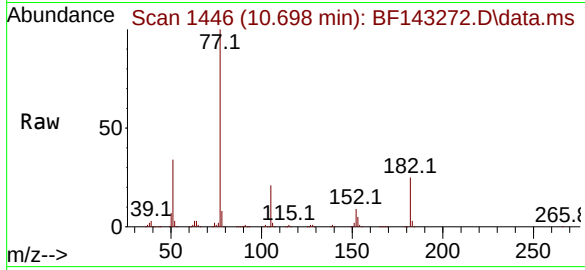
Tgt Ion:138 Resp: 137830
Ion Ratio Lower Upper
138 100
92 50.1 29.3 69.3
108 73.1 48.3 88.3





#63
Azobenzene
Concen: 42.338 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

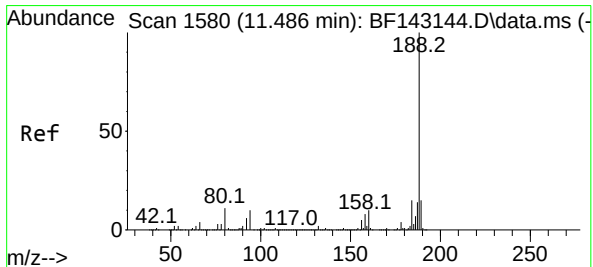
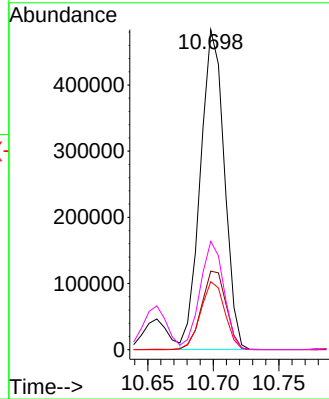
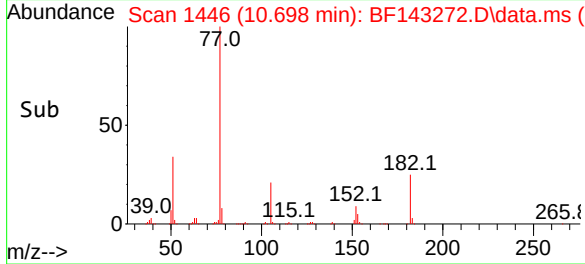
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion: 77 Resp: 613274
Ion Ratio Lower Upper
77 100
182 24.5 4.6 44.6
105 21.2 1.4 41.4
51 33.9 13.7 53.7

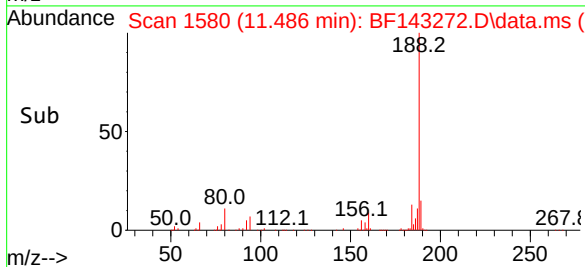
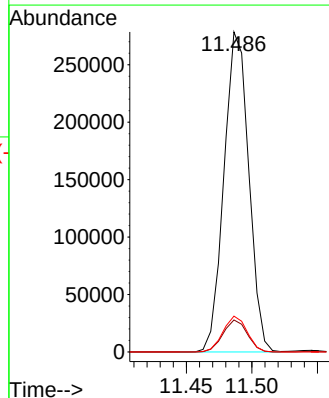
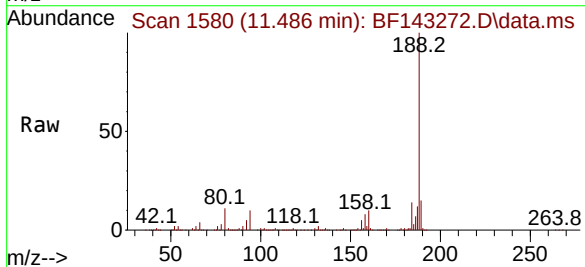
Manual Integrations
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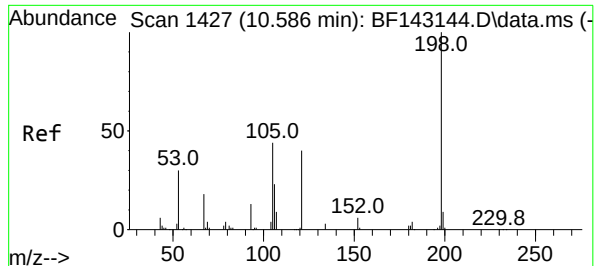
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:188 Resp: 365952
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.2 9.0 13.6





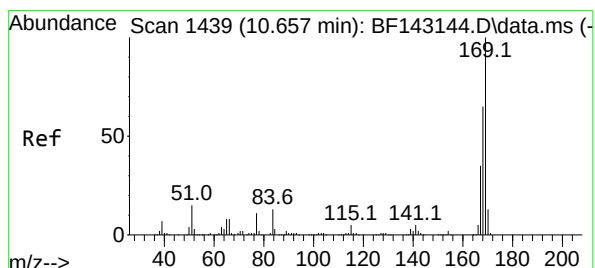
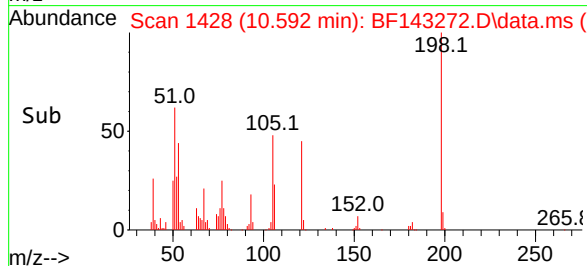
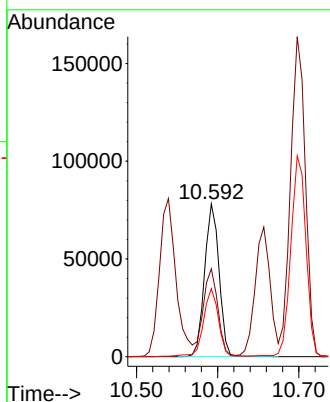
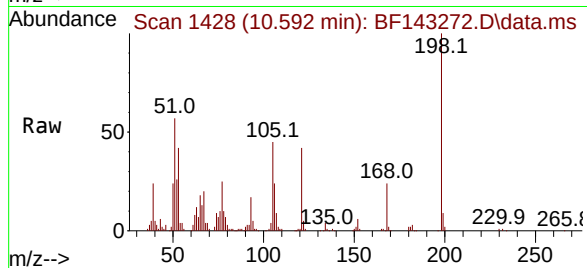
#65
4,6-Dinitro-2-methylphenol
Concen: 50.139 ng
RT: 10.592 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Tgt Ion:198 Resp: 96709
Ion Ratio Lower Upper
198 100
51 57.4 37.2 77.2
105 44.5 24.8 64.8

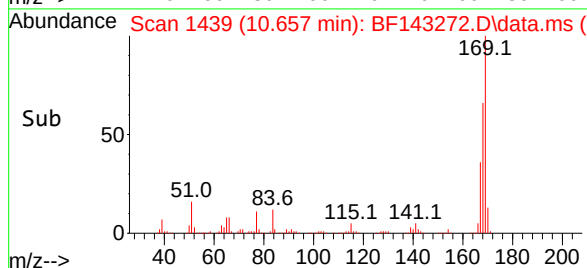
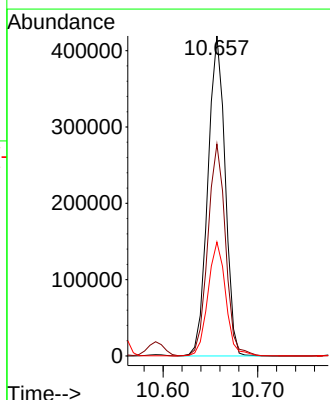
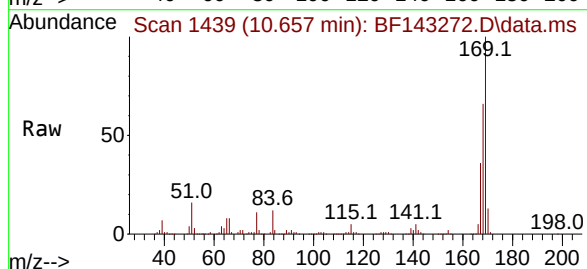
Manual Integrations
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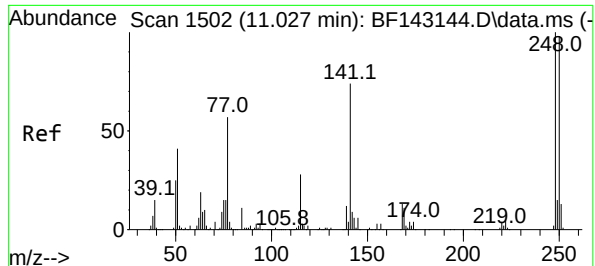
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#66
n-Nitrosodiphenylamine
Concen: 41.273 ng
RT: 10.657 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

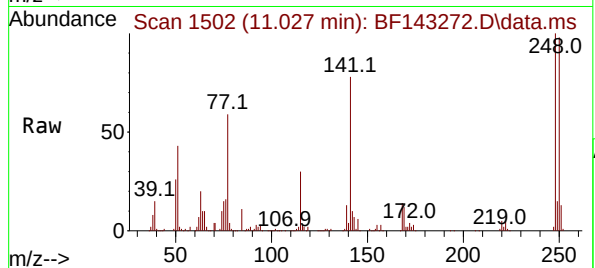
Tgt Ion:169 Resp: 531852
Ion Ratio Lower Upper
169 100
168 66.2 52.1 78.1
167 35.6 28.2 42.2





#67
4-Bromophenyl-phenylether
Concen: 42.277 ng
RT: 11.027 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

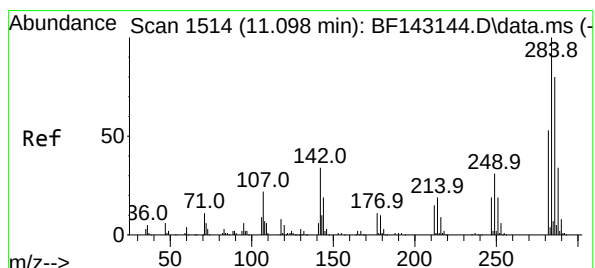
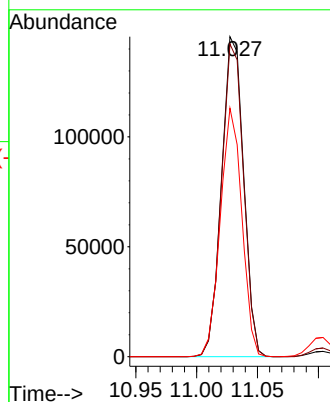
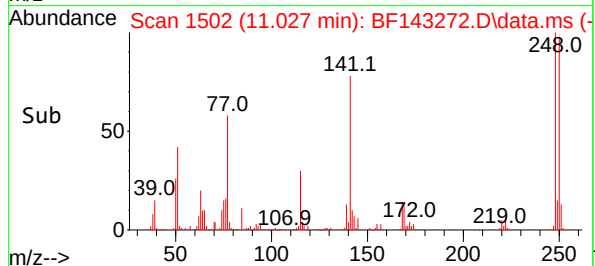
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



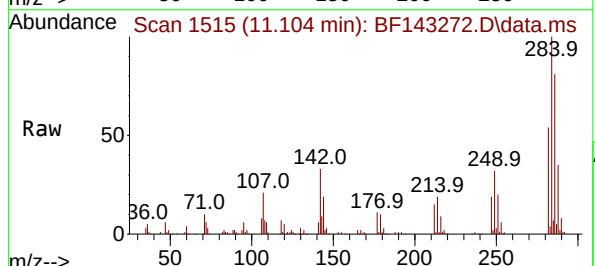
Tgt Ion:248 Resp: 184379
Ion Ratio Lower Upper
248 100
250 97.7 78.3 117.5
141 77.7 59.2 88.8

Manual Integrations
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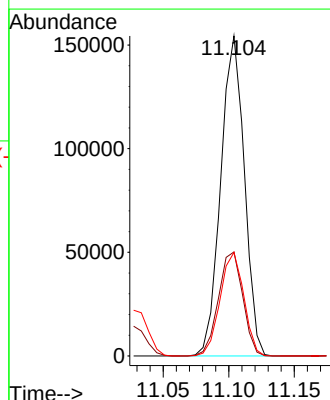
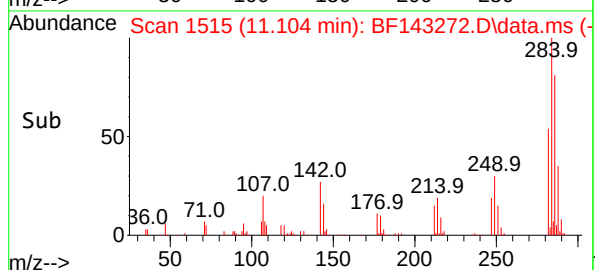
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

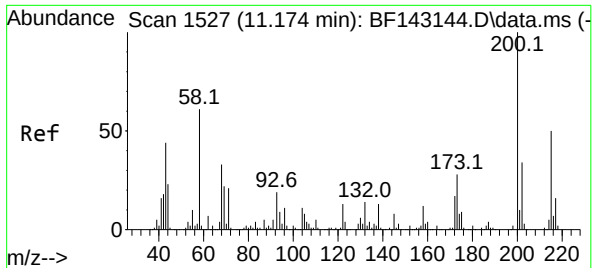


#68
Hexachlorobenzene
Concen: 42.333 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



Tgt Ion:284 Resp: 192968
Ion Ratio Lower Upper
284 100
142 32.5 27.0 40.6
249 32.3 25.0 37.6





#69

Atrazine

Concen: 47.951 ng

RT: 11.180 min Scan# 1528

Delta R.T. 0.006 min

Lab File: BF143272.D

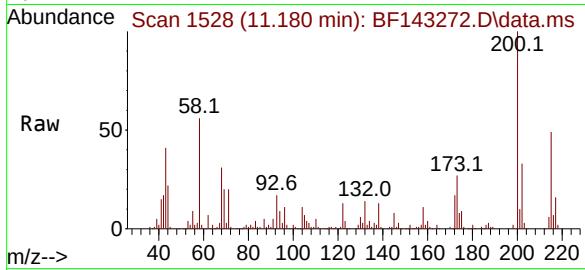
Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD



Tgt Ion:200 Resp: 17035

Ion Ratio Lower Upper

200 100

173 27.4 7.9 47.9

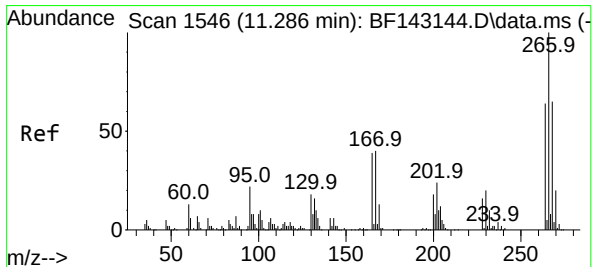
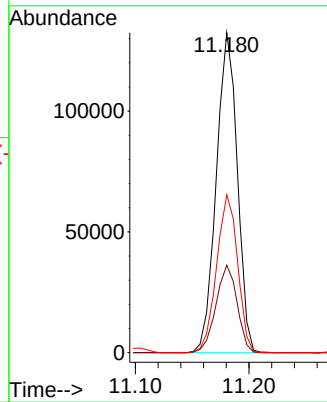
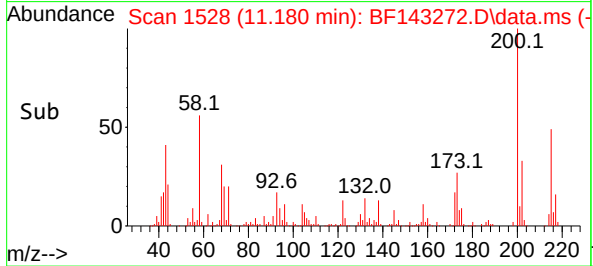
215 49.4 30.1 70.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#70

Pentachlorophenol

Concen: 84.749 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

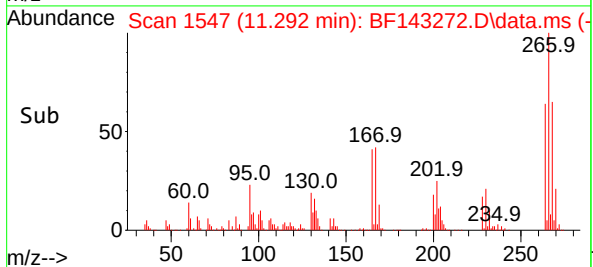
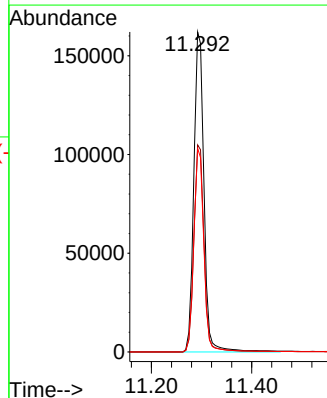
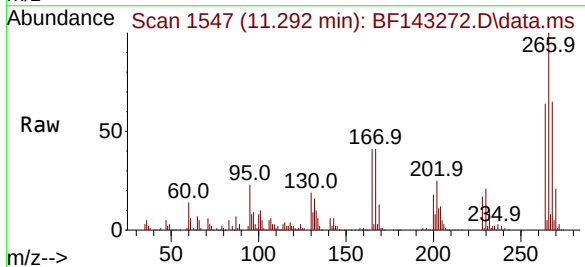
Tgt Ion:266 Resp: 227184

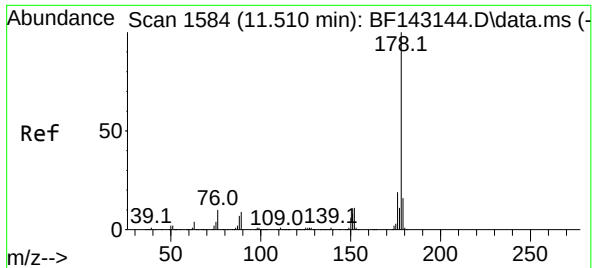
Ion Ratio Lower Upper

266 100

268 64.7 51.9 77.9

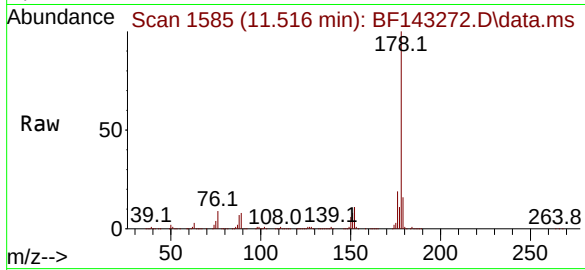
264 63.6 51.0 76.6





#71
Phenanthrene
Concen: 42.759 ng
RT: 11.516 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

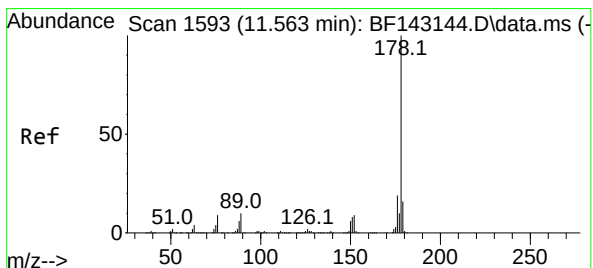
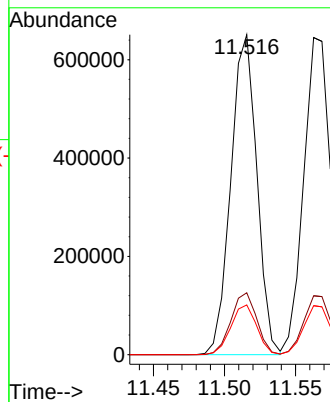
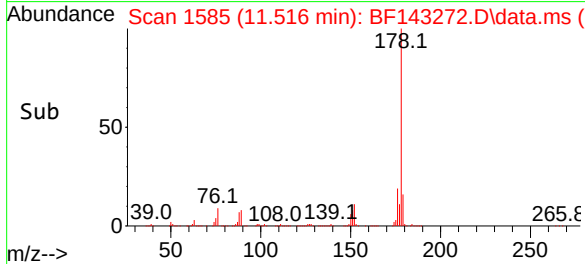
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:178 Resp: 830850
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.5 12.5 18.7

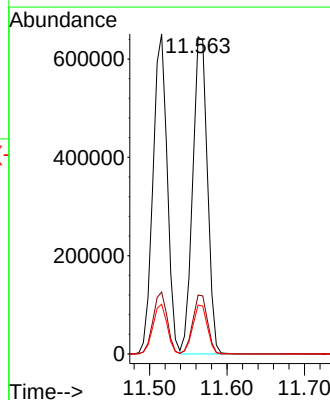
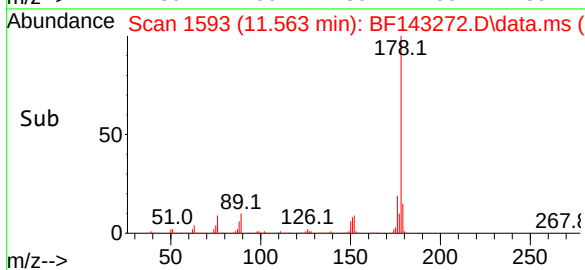
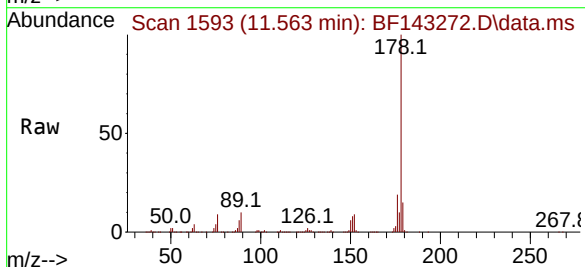
Manual Integrations
APPROVED

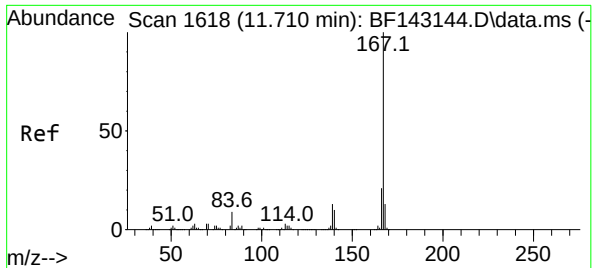
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#72
Anthracene
Concen: 42.787 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

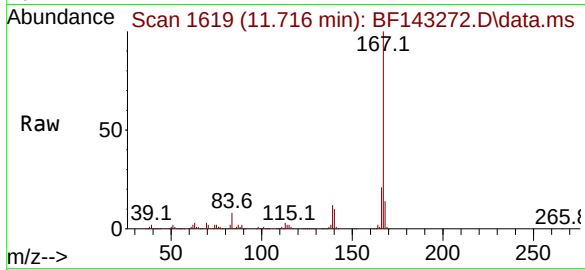
Tgt Ion:178 Resp: 847924
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.5 18.7





#73
 Carbazole
 Concen: 44.353 ng
 RT: 11.716 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF143272.D
 Acq: 30 Jul 2025 16:51

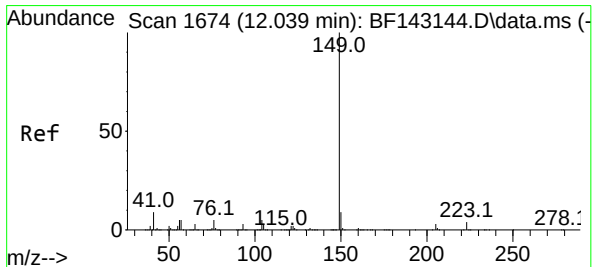
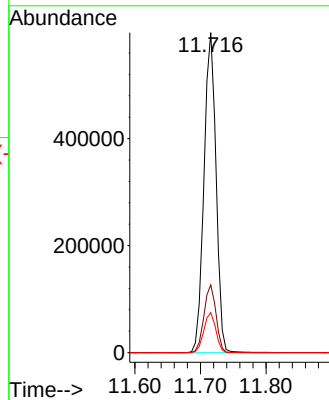
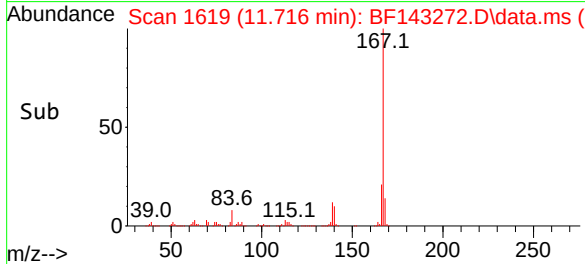
Instrument :
 BNA_F
 ClientSampleId :
 PB168971BSD



Tgt Ion:167 Resp: 767490
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.5 10.0 15.0

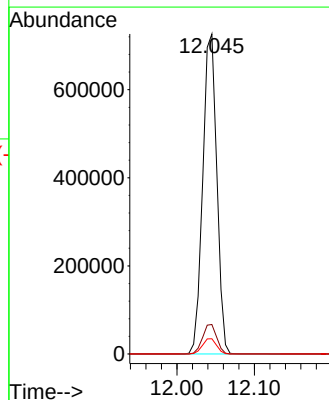
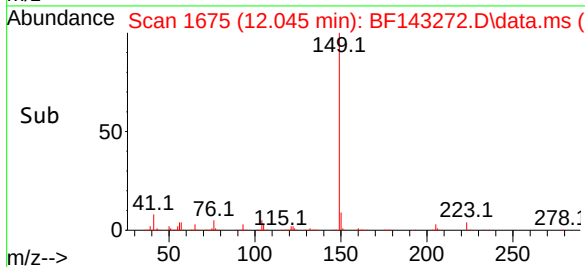
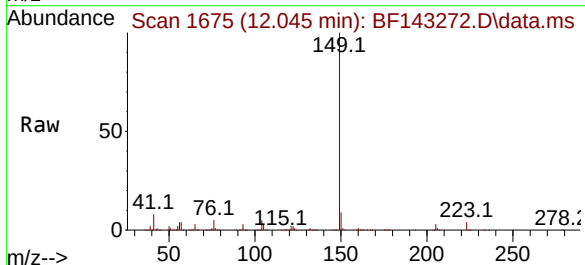
Manual Integrations
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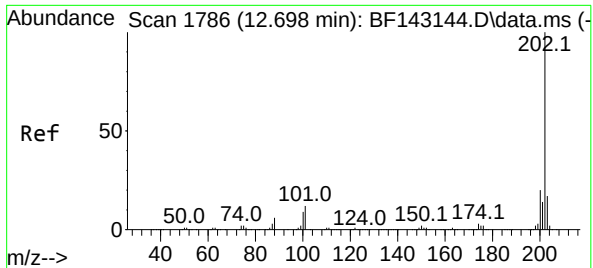
Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025



#74
 Di-n-butylphthalate
 Concen: 46.734 ng
 RT: 12.045 min Scan# 1675
 Delta R.T. 0.006 min
 Lab File: BF143272.D
 Acq: 30 Jul 2025 16:51

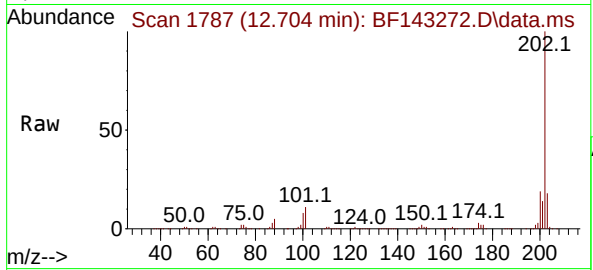
Tgt Ion:149 Resp: 915048
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 46.016 ng
RT: 12.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

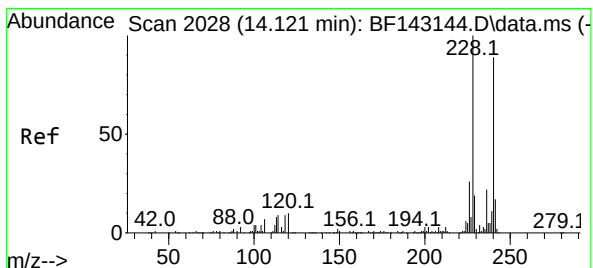
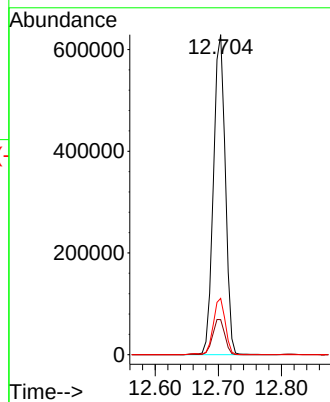
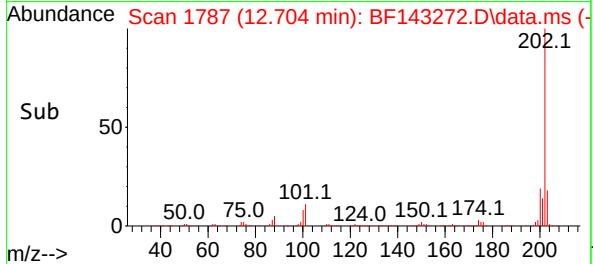
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:202 Resp: 820690
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.7
203 17.6 0.0 37.4

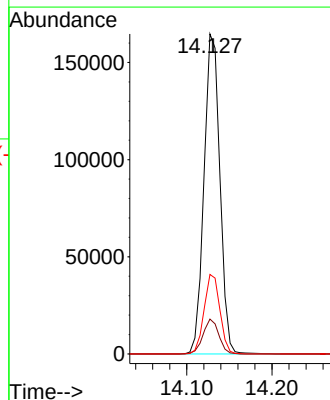
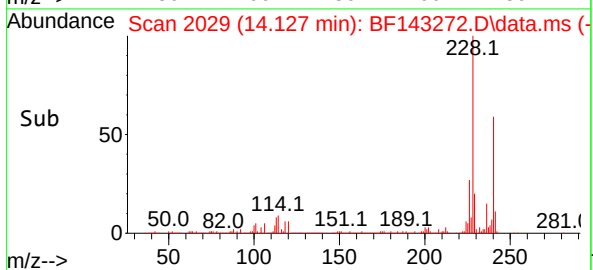
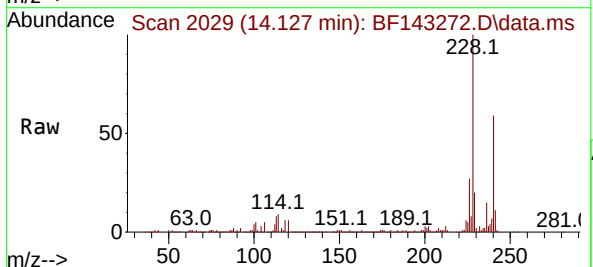
Manual Integrations
APPROVED

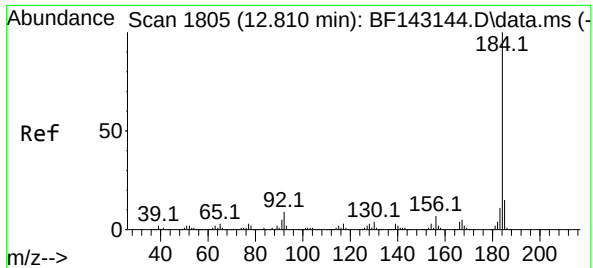
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

Tgt Ion:240 Resp: 212987
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 24.8 20.2 30.4





#77

Benzidine

Concen: 30.422 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

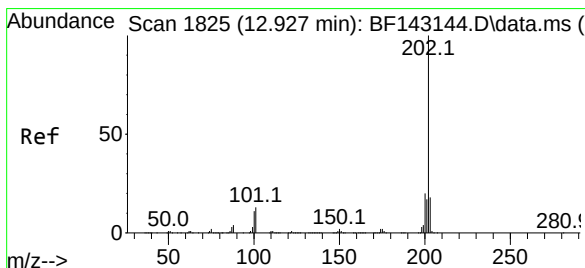
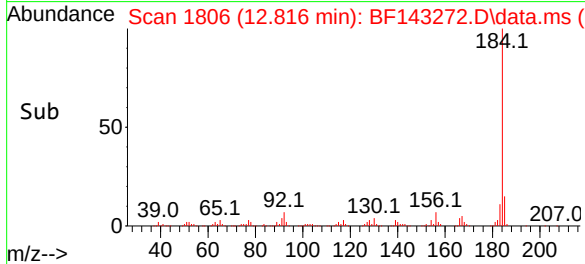
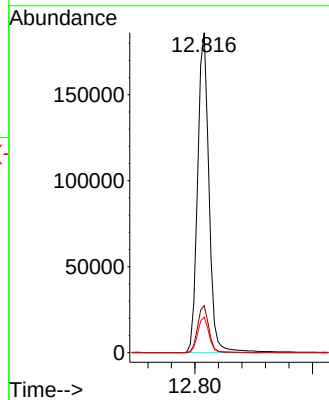
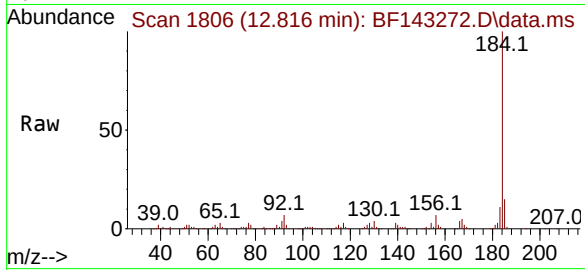
Tgt Ion:	184	Resp:	24963
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.4
183	11.1	9.0	13.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#78

Pyrene

Concen: 44.783 ng

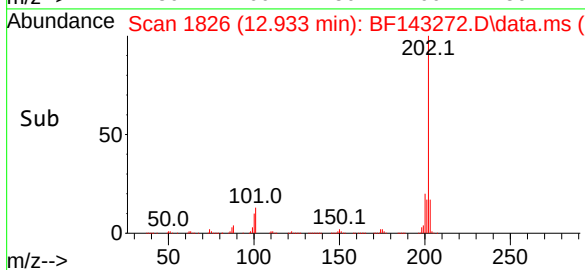
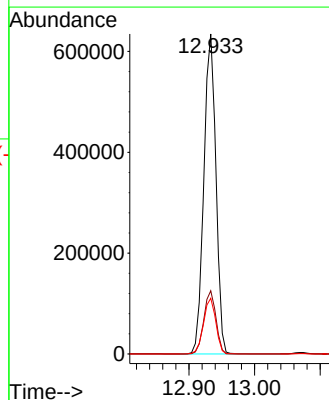
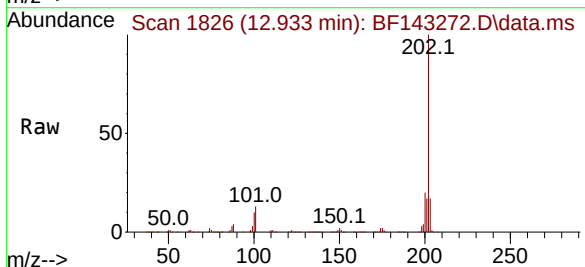
RT: 12.933 min Scan# 1826

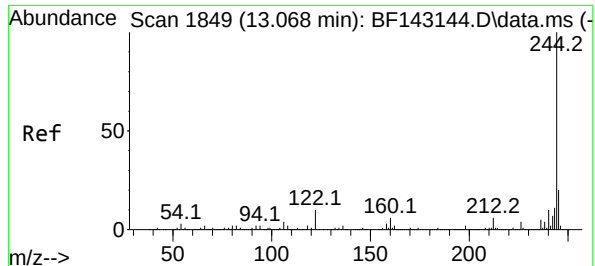
Delta R.T. 0.006 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

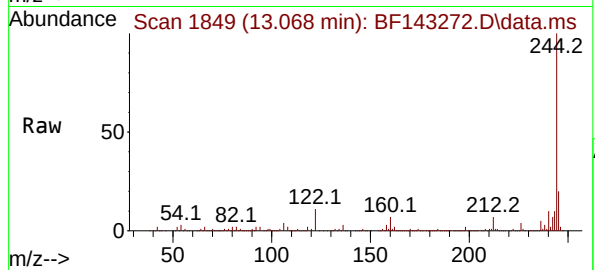
Tgt Ion:	202	Resp:	814026
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.7	23.5
203	17.4	14.2	21.2





#79
 Terphenyl-d14
 Concen: 79.885 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143272.D
 Acq: 30 Jul 2025 16:51

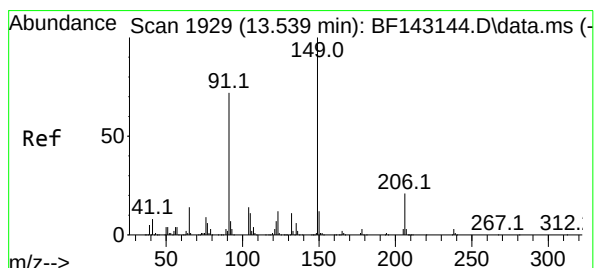
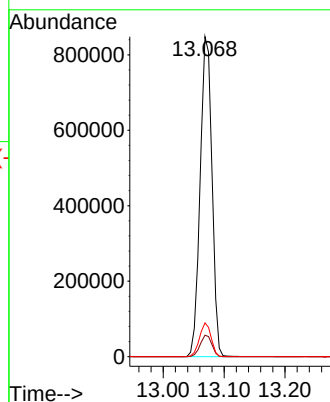
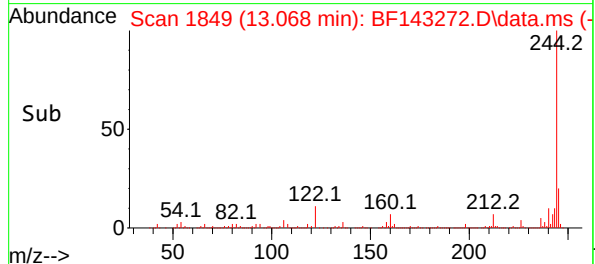
Instrument :
 BNA_F
 ClientSampleId :
 PB168971BSD



Tgt Ion:244 Resp: 114335
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.6 8.2 12.2

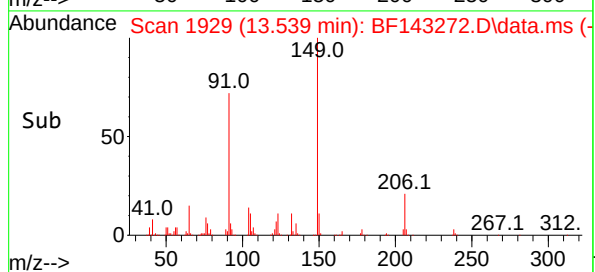
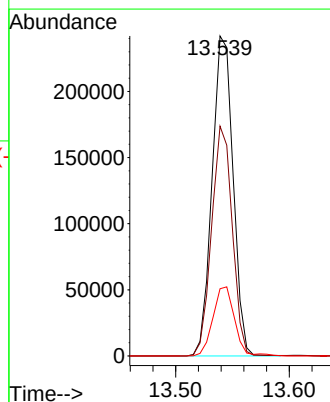
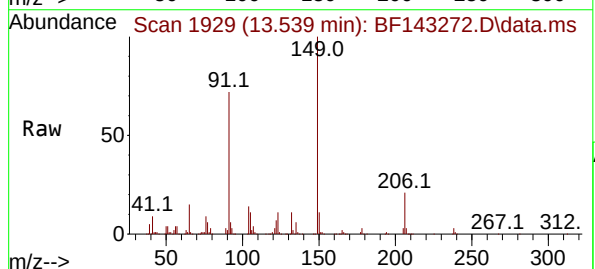
Manual Integrations
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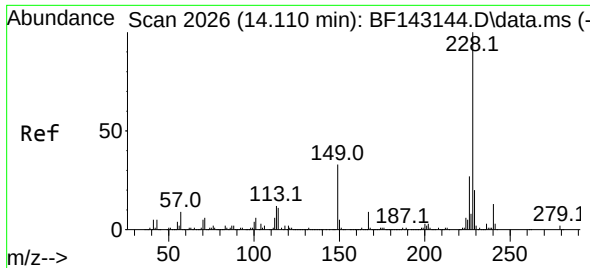
Reviewed By :Rahul Chavli 07/31/2025
 Supervised By :mohammad ahmed 07/31/2025



#80
 Butylbenzylphthalate
 Concen: 55.818 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143272.D
 Acq: 30 Jul 2025 16:51

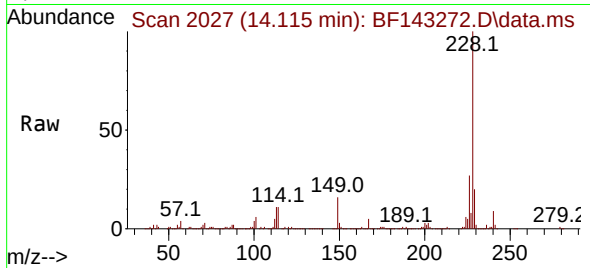
Tgt Ion:149 Resp: 310693
 Ion Ratio Lower Upper
 149 100
 91 71.8 57.9 86.9
 206 21.0 17.0 25.4





#81
Benzo(a)anthracene
Concen: 45.080 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

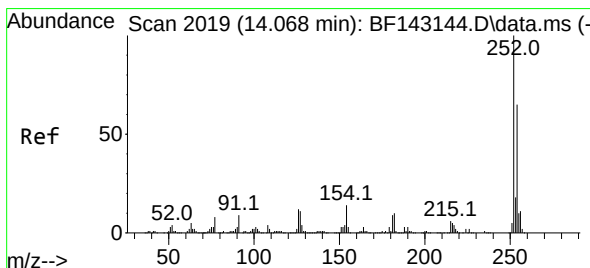
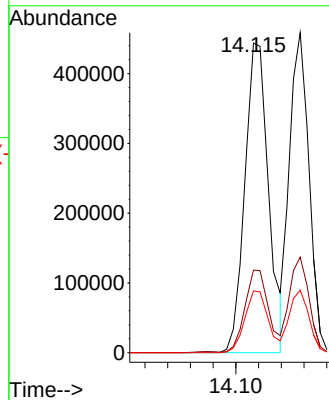
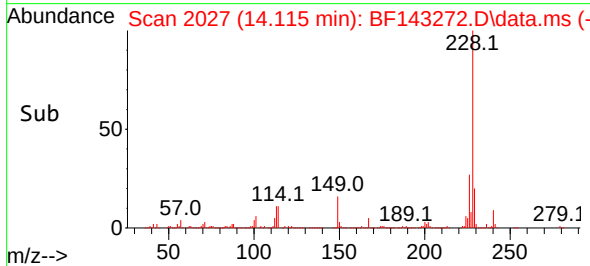
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



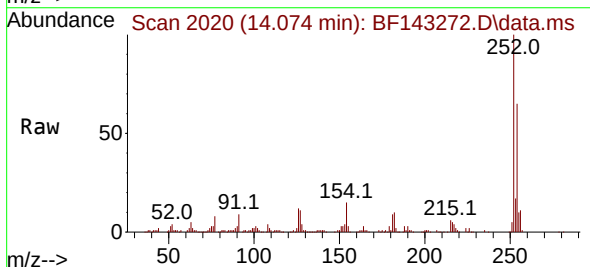
Tgt Ion:228 Resp: 642810
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.9 15.8 23.6

Manual Integrations
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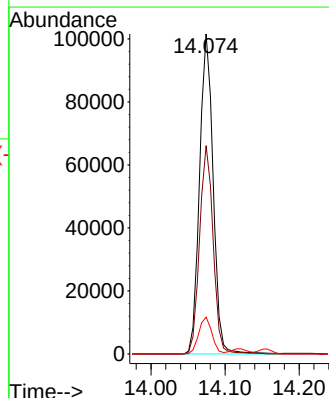
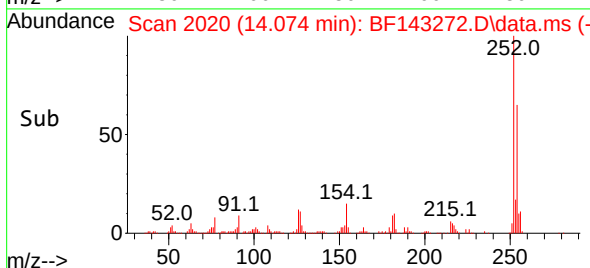
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

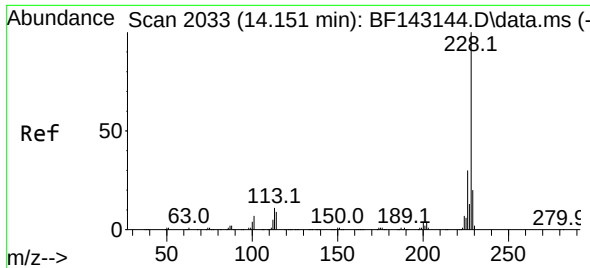


#82
3,3'-Dichlorobenzidine
Concen: 27.172 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



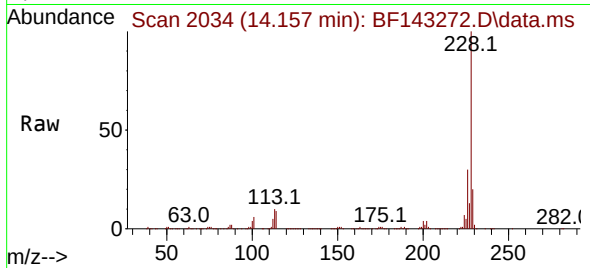
Tgt Ion:252 Resp: 129138
Ion Ratio Lower Upper
252 100
254 65.1 51.7 77.5
126 11.5 9.4 14.0





#83
Chrysene
Concen: 42.960 ng
RT: 14.157 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

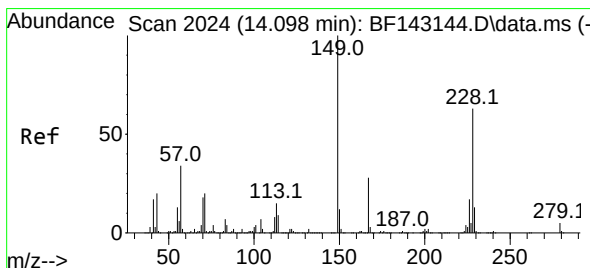
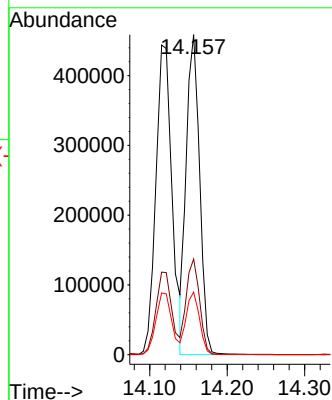
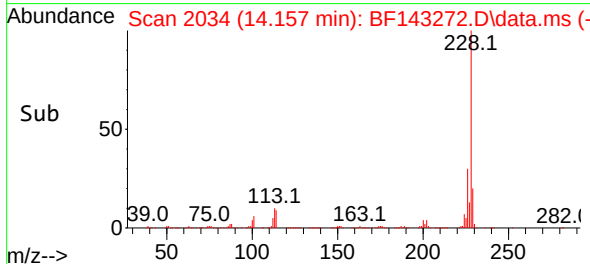
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



Tgt Ion:228 Resp: 55077
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.6 15.6 23.4

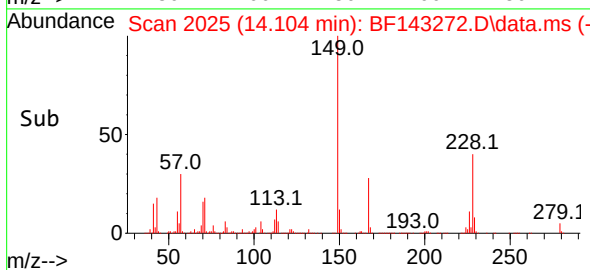
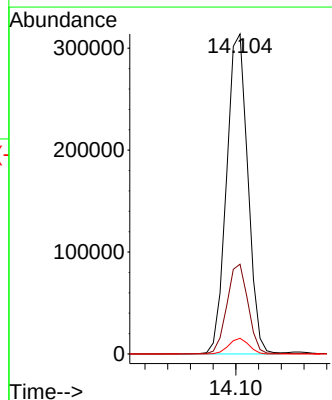
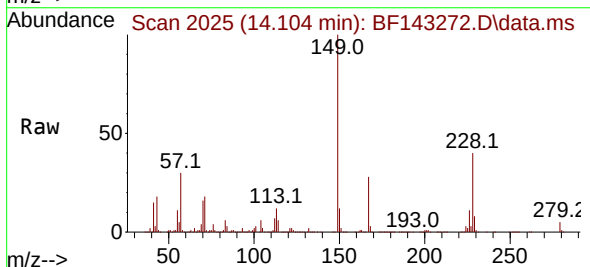
Manual Integrations
APPROVED

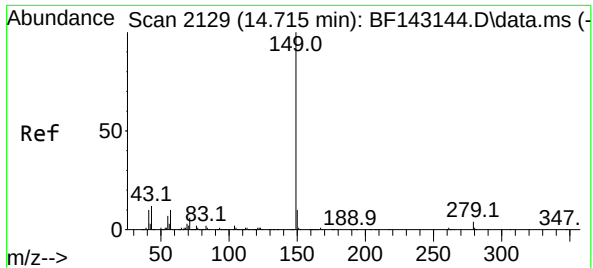
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.479 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

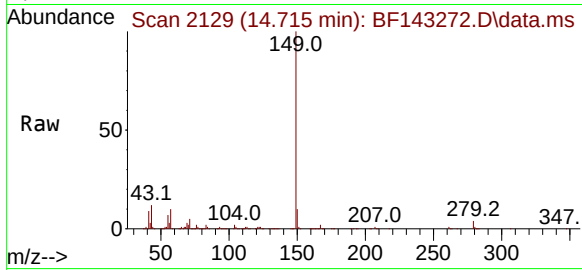
Tgt Ion:149 Resp: 408428
Ion Ratio Lower Upper
149 100
167 28.1 22.3 33.5
279 4.9 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.281 ng
RT: 14.715 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

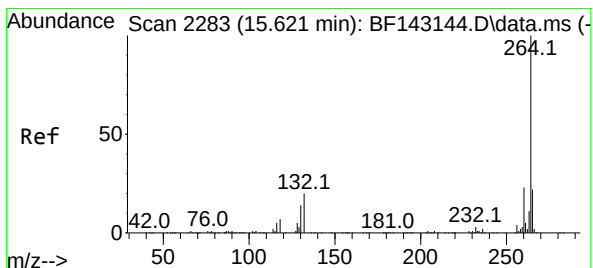
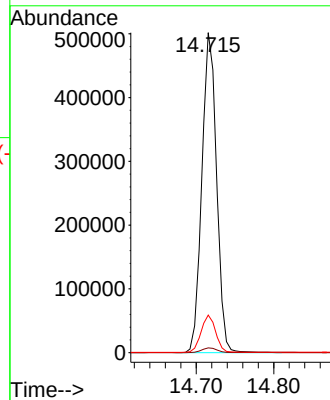
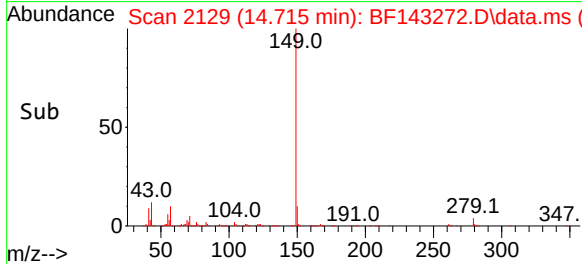
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



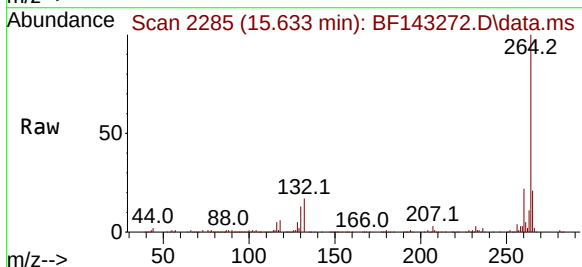
Tgt Ion:149 Resp: 66095
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.5 9.7 14.5

Manual Integrations
APPROVED

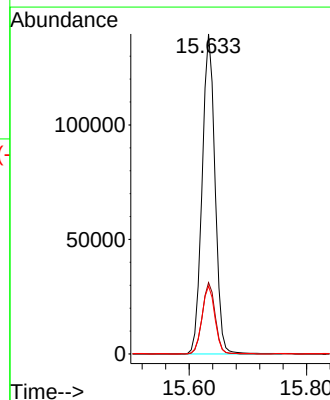
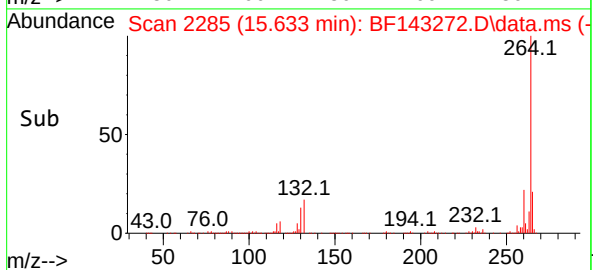
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

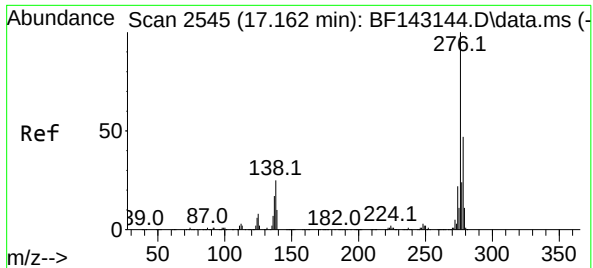


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



Tgt Ion:264 Resp: 212260
Ion Ratio Lower Upper
264 100
260 22.3 18.5 27.7
265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.065 ng

RT: 17.180 min Scan# 2110

Delta R.T. 0.018 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:276 Resp: 659532

Ion Ratio Lower Upper

276 100

138 24.3 21.8 32.6

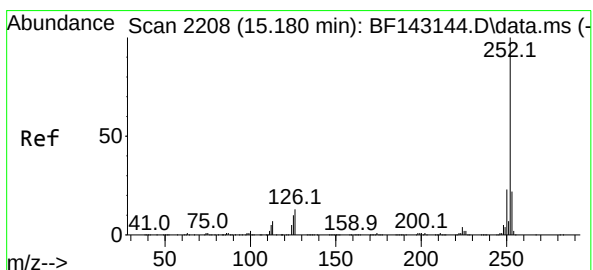
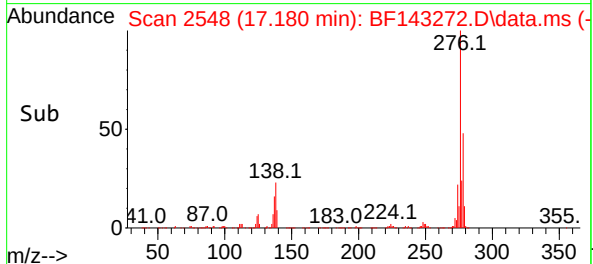
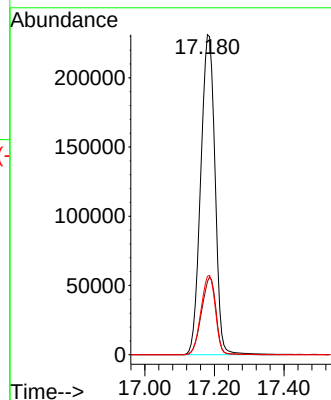
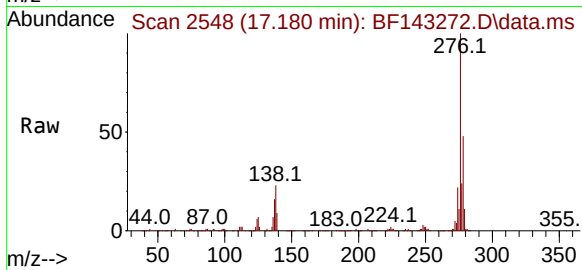
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#88

Benzo(b)fluoranthene

Concen: 43.865 ng

RT: 15.192 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

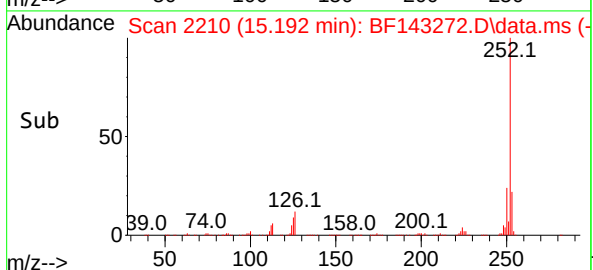
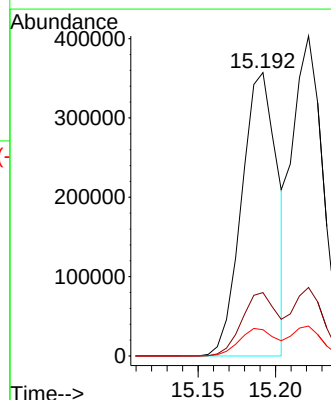
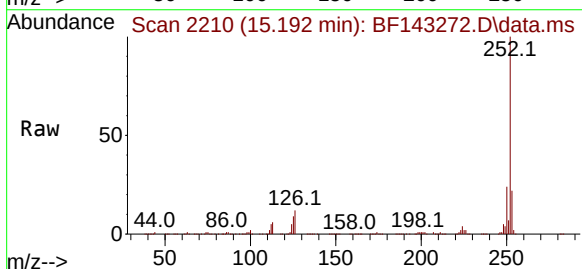
Tgt Ion:252 Resp: 568804

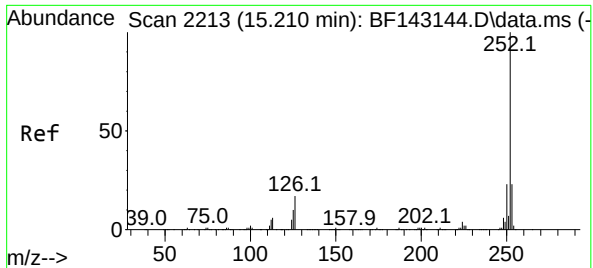
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 9.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.560 ng

RT: 15.221 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

Instrument :

BNA_F

ClientSampleId :

PB168971BSD

Tgt Ion:252 Resp: 550320

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

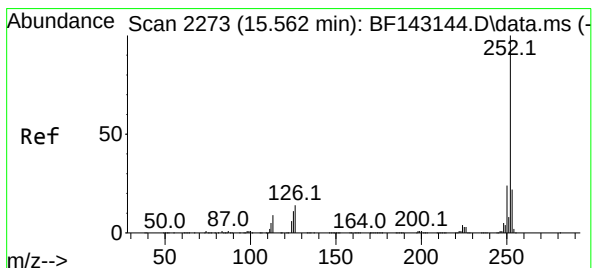
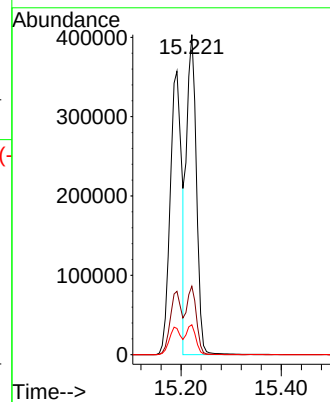
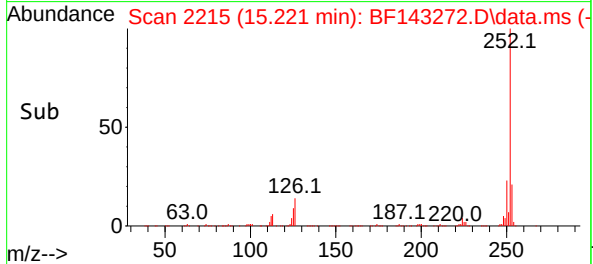
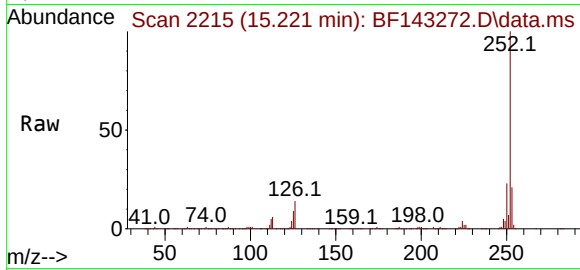
125 9.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/31/2025

Supervised By :mohammad ahmed 07/31/2025



#90

Benzo(a)pyrene

Concen: 45.147 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF143272.D

Acq: 30 Jul 2025 16:51

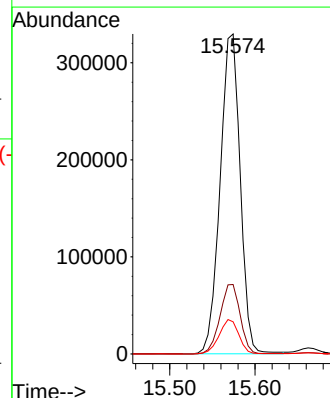
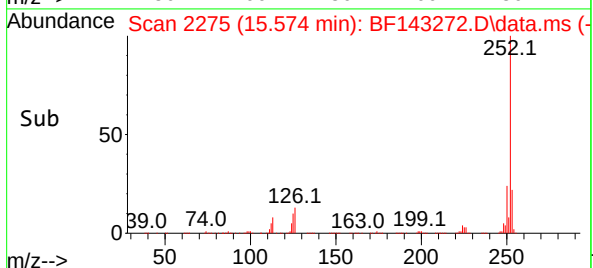
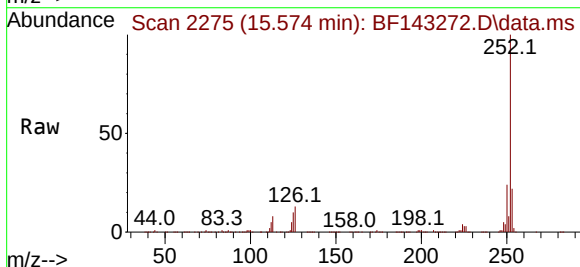
Tgt Ion:252 Resp: 539386

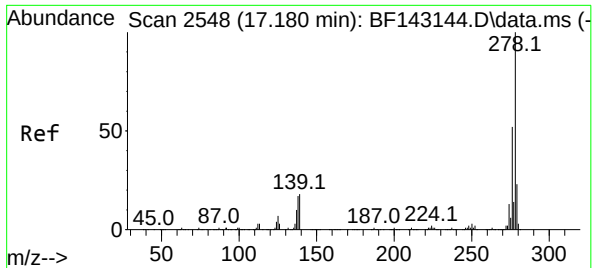
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

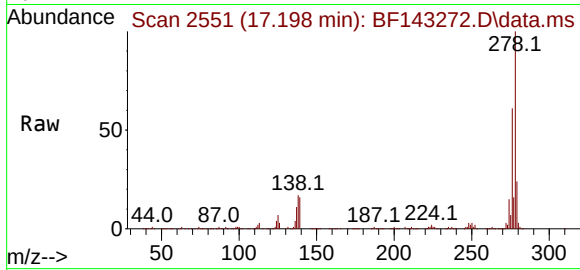
125 10.1 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 44.014 ng
RT: 17.198 min Scan# 2551
Delta R.T. 0.018 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51

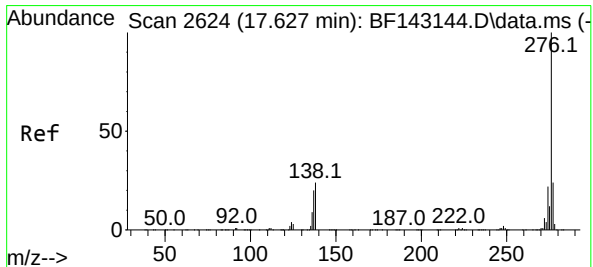
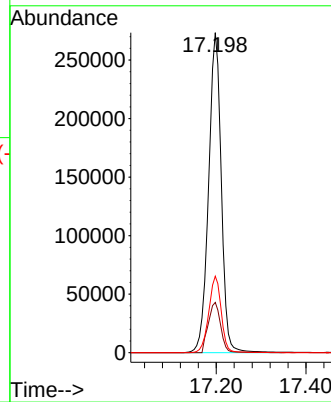
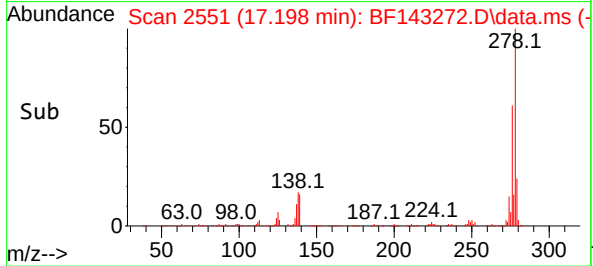
Instrument :
BNA_F
ClientSampleId :
PB168971BSD



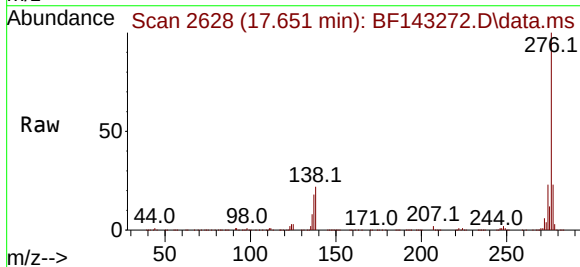
Tgt Ion: 278 Resp: 53619
Ion Ratio Lower Upper
278 100
139 15.7 14.1 21.1
279 23.9 18.6 28.0

Manual Integrations
APPROVED

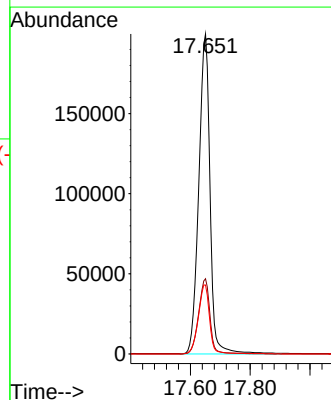
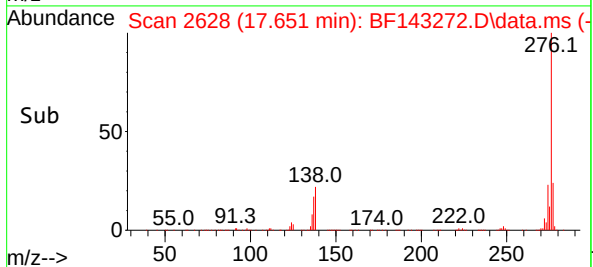
Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025



#92
Benzo(g,h,i)perylene
Concen: 44.258 ng
RT: 17.651 min Scan# 2628
Delta R.T. 0.024 min
Lab File: BF143272.D
Acq: 30 Jul 2025 16:51



Tgt Ion: 276 Resp: 521556
Ion Ratio Lower Upper
276 100
277 23.5 19.1 28.7
138 21.6 18.9 28.3



Manual Integration Report

Sequence:	BF071725	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDIC005	BF143141.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:25 AM	Jagrut	7/18/2025 1:30:07 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Benzoic acid	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC010	BF143142.D	Phenol	Rahul	7/18/2025 10:30:28 AM	Jagrut	7/18/2025 1:30:09 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Benzoic acid	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Nitrobenzene-d5	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDIC020	BF143143.D	Phenol	Rahul	7/18/2025 10:30:30 AM	Jagrut	7/18/2025 1:30:11 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Benzoic acid	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDICCC040	BF143144.D	Phenol	Rahul	7/18/2025 10:30:33 AM	Jagrut	7/18/2025 1:30:14 PM	Peak Integrated by Software
SSTDIC050	BF143145.D	Benzoic acid	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDIC050	BF143145.D	Phenol	Rahul	7/18/2025 10:30:35 AM	Jagrut	7/18/2025 1:30:16 PM	Peak Integrated by Software
SSTDIC060	BF143146.D	Phenol	Rahul	7/18/2025 10:30:38 AM	Jagrut	7/18/2025 1:30:19 PM	Peak Integrated by Software
SSTDIC080	BF143147.D	Benzoic acid	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

BF071725

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC080	BF143147.D	Phenol	Rahul	7/18/2025 10:30:41 AM	Jagrut	7/18/2025 1:30:22 PM	Peak Integrated by Software
SSTDICV040	BF143148.D	Phenol	Rahul	7/18/2025 10:30:44 AM	Jagrut	7/18/2025 1:30:24 PM	Peak Integrated by Software
SSTDCCC040	BF143157.D	Phenol	Rahul	7/18/2025 10:31:02 AM	Jagrut	7/18/2025 1:30:41 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

Bf073025

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF143269.D	Benzoic acid	Rahul	7/31/2025 8:20:02 AM	mohammad	7/31/2025 8:52:01 AM	Peak Integrated by Software
PB168971BS	BF143271.D	Caprolactam	Rahul	7/31/2025 8:20:05 AM	mohammad	7/31/2025 8:52:01 AM	Peak Integrated by Software
PB168971BSD	BF143272.D	Caprolactam	Rahul	7/31/2025 8:20:07 AM	mohammad	7/31/2025 8:52:01 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BM070925

Instrument

BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM050379.D	Benzaldehyde	Rahul	7/9/2025 9:47:39 AM	Jagrut	7/9/2025 2:15:18 PM	Peak Integrated by Software
SSTDICC020	BM050380.D	Benzaldehyde	Rahul	7/9/2025 9:47:42 AM	Jagrut	7/9/2025 2:15:21 PM	Peak Integrated by Software
SSTDICCC040	BM050381.D	Benzaldehyde	Rahul	7/9/2025 9:47:45 AM	Jagrut	7/9/2025 2:15:23 PM	Peak Integrated by Software
SSTDICC050	BM050382.D	Benzaldehyde	Rahul	7/9/2025 9:47:47 AM	Jagrut	7/9/2025 2:15:25 PM	Peak Integrated by Software
SSTDICV040	BM050385.D	Benzaldehyde	Rahul	7/9/2025 9:47:50 AM	Jagrut	7/9/2025 2:15:28 PM	Peak Integrated by Software



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Manual Integration Report

Sequence:

bm072325

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 # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM
SubDirectory	BF071725	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S12674,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143138.D	17 Jul 2025 09:58	RC/JU	Ok
2	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	RC/JU	Not Ok
3	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04	RC/JU	Ok
4	SSTDICC005	BF143141.D	17 Jul 2025 11:34	RC/JU	Ok,M
5	SSTDICC010	BF143142.D	17 Jul 2025 12:04	RC/JU	Ok,M
6	SSTDICC020	BF143143.D	17 Jul 2025 12:34	RC/JU	Ok,M
7	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	RC/JU	Ok,M
8	SSTDICC050	BF143145.D	17 Jul 2025 13:33	RC/JU	Ok,M
9	SSTDICC060	BF143146.D	17 Jul 2025 14:04	RC/JU	Ok,M
10	SSTDICC080	BF143147.D	17 Jul 2025 14:34	RC/JU	Ok,M
11	SSTDICV040	BF143148.D	17 Jul 2025 15:06	RC/JU	Ok,M
12	PB168813BL	BF143149.D	17 Jul 2025 15:36	RC/JU	Ok
13	Q2126-03	BF143150.D	17 Jul 2025 16:06	RC/JU	Ok,M
14	Q2126-03	BF143151.D	17 Jul 2025 16:36	RC/JU	Ok,M
15	Q2126-09	BF143152.D	17 Jul 2025 17:07	RC/JU	Ok,M
16	Q2126-09	BF143153.D	17 Jul 2025 17:37	RC/JU	Ok,M
17	PB168816BL	BF143154.D	17 Jul 2025 18:07	RC/JU	Ok
18	PB167904BL	BF143155.D	17 Jul 2025 18:37	RC/JU	Ok
19	PB167904BS	BF143156.D	17 Jul 2025 19:07	RC/JU	Ok,M
20	SSTDCCC040	BF143157.D	17 Jul 2025 19:37	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF073025

Review By	Rahul	Review On	7/31/2025 8:22:04 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:52:01 AM
SubDirectory	BF073025	HP Acquire Method	BNA_F
		HP Processing Method	bf071725
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13168,10ul/1000ul sample		
ICV/I.BLK	SP6770		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143268.D	30 Jul 2025 14:53	RC/JU	Ok
2	SSTDCCC040	BF143269.D	30 Jul 2025 15:22	RC/JU	Ok,M
3	PB168971BL	BF143270.D	30 Jul 2025 15:52	RC/JU	Ok
4	PB168971BS	BF143271.D	30 Jul 2025 16:22	RC/JU	Ok,M
5	PB168971BSD	BF143272.D	30 Jul 2025 16:51	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S12673,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050376.D	08 Jul 2025 11:59	RC/JU	Ok
2	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39	RC/JU	Ok
3	SSTDICC005	BM050378.D	08 Jul 2025 13:19	RC/JU	Ok
4	SSTDICC010	BM050379.D	08 Jul 2025 14:00	RC/JU	Ok,M
5	SSTDICC020	BM050380.D	08 Jul 2025 14:40	RC/JU	Ok,M
6	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	RC/JU	Ok,M
7	SSTDICC050	BM050382.D	08 Jul 2025 16:01	RC/JU	Ok,M
8	SSTDICC060	BM050383.D	08 Jul 2025 16:41	RC/JU	Ok
9	SSTDICC080	BM050384.D	08 Jul 2025 17:22	RC/JU	Ok
10	SSTDICV040	BM050385.D	08 Jul 2025 18:05	RC/JU	Ok,M
11	PB168722BL	BM050386.D	08 Jul 2025 19:26	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_M**

Daily Analysis Runlog For Sequence/QC Batch ID # BM072325

Review By	Rahul	Review On	7/24/2025 10:41:12 AM		
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:59 PM		
SubDirectory	BM072325	HP Acquire Method	BNA_M	HP Processing Method	bm070925
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13168,10ul/1000ul sample			
ICV/I.BLK		SP6770			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050487.D	23 Jul 2025 12:35	RC/JU	Ok
2	SSTDCCC040	BM050488.D	23 Jul 2025 13:14	RC/JU	Ok
3	PB168971BL	BM050489.D	23 Jul 2025 14:14	RC/JU	Not Ok
4	PB168971BS	BM050490.D	23 Jul 2025 14:53	RC/JU	Not Ok
5	PB168971BSD	BM050491.D	23 Jul 2025 15:33	RC/JU	Not Ok
6	Q2633-02	BM050492.D	23 Jul 2025 16:18	RC/JU	Ok
7	Q2664-01	BM050493.D	23 Jul 2025 16:57	RC/JU	Ok
8	Q2668-04	BM050494.D	23 Jul 2025 17:37	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM
SubDirectory	BF071725	HP Acquire Method	BNA_F
		HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/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	BF143138.D	17 Jul 2025 09:58		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143139.D	17 Jul 2025 10:28	A Fresh Calibration is required.	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF143140.D	17 Jul 2025 11:04		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF143141.D	17 Jul 2025 11:34		RC/JU	Ok,M
5	SSTDICC010	SSTDICC010	BF143142.D	17 Jul 2025 12:04		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF143143.D	17 Jul 2025 12:34		RC/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BF143144.D	17 Jul 2025 13:03	Compound #32,54,65 Kept on LR	RC/JU	Ok,M
8	SSTDICC050	SSTDICC050	BF143145.D	17 Jul 2025 13:33		RC/JU	Ok,M
9	SSTDICC060	SSTDICC060	BF143146.D	17 Jul 2025 14:04		RC/JU	Ok,M
10	SSTDICC080	SSTDICC080	BF143147.D	17 Jul 2025 14:34	Compound#77 removed from 80 ppm	RC/JU	Ok,M
11	SSTDICV040	ICVBF071725	BF143148.D	17 Jul 2025 15:06		RC/JU	Ok,M
12	PB168813BL	PB168813BL	BF143149.D	17 Jul 2025 15:36		RC/JU	Ok
13	Q2126-03	MDL-SOIL-03-QT2-202	BF143150.D	17 Jul 2025 16:06	MDL-SOIL 4 ppm	RC/JU	Ok,M
14	Q2126-03	MDL-SOIL-03-QT2-202	BF143151.D	17 Jul 2025 16:36	MDL-SOIL 8 ppm	RC/JU	Ok,M
15	Q2126-09	MDL-WATER-03-QT2-2	BF143152.D	17 Jul 2025 17:07	MDL-WATER 4 ppm	RC/JU	Ok,M
16	Q2126-09	MDL-WATER-03-QT2-2	BF143153.D	17 Jul 2025 17:37	MDL-WATER 8 ppm	RC/JU	Ok,M
17	PB168816BL	PB168816BL	BF143154.D	17 Jul 2025 18:07		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF071725

Review By	Rahul	Review On	7/18/2025 11:02:11 AM		
Supervise By	Jagrut	Supervise On	7/18/2025 1:30:54 PM		
SubDirectory	BF071725	HP Acquire Method	BNA_F	HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12674,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB167904BL	PB167904BL	BF143155.D	17 Jul 2025 18:37		RC/JU	Ok
19	PB167904BS	PB167904BS	BF143156.D	17 Jul 2025 19:07		RC/JU	Ok,M
20	SSTDCCC040	SSTDCCC040EC	BF143157.D	17 Jul 2025 19:37		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF073025

Review By	Rahul	Review On	7/31/2025 8:22:04 AM
Supervise By	mohammad	Supervise On	7/31/2025 8:52:01 AM
SubDirectory	BF073025	HP Acquire Method	BNA_F
		HP Processing Method	bf071725

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BF143268.D	30 Jul 2025 14:53		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143269.D	30 Jul 2025 15:22		RC/JU	Ok,M
3	PB168971BL	PB168971BL	BF143270.D	30 Jul 2025 15:52		RC/JU	Ok
4	PB168971BS	PB168971BS	BF143271.D	30 Jul 2025 16:22		RC/JU	Ok,M
5	PB168971BSD	PB168971BSD	BF143272.D	30 Jul 2025 16:51		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM
SubDirectory	BM070925	HP Acquire Method	BNA_M
		HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/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	BM050376.D	08 Jul 2025 11:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050378.D	08 Jul 2025 13:19		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM050379.D	08 Jul 2025 14:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050380.D	08 Jul 2025 14:40		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	Compound#32,54,57,62,65 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050382.D	08 Jul 2025 16:01		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM050383.D	08 Jul 2025 16:41		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050384.D	08 Jul 2025 17:22	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBM070925	BM050385.D	08 Jul 2025 18:05	Comp#77 Failed from High side	RC/JU	Ok,M
11	PB168722BL	PB168722BL	BM050386.D	08 Jul 2025 19:26		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QC Batch ID # BM072325

Review By	Rahul	Review On	7/24/2025 10:41:12 AM
Supervise By	Jagrut	Supervise On	7/24/2025 12:01:59 PM
SubDirectory	BM072325	HP Acquire Method	BNA_M
		HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13168,10ul/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	BM050487.D	23 Jul 2025 12:35		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050488.D	23 Jul 2025 13:14		RC/JU	Ok
3	PB168971BL	PB168971BL	BM050489.D	23 Jul 2025 14:14	Not used	RC/JU	Not Ok
4	PB168971BS	PB168971BS	BM050490.D	23 Jul 2025 14:53	Not used	RC/JU	Not Ok
5	PB168971BSD	PB168971BSD	BM050491.D	23 Jul 2025 15:33	Injection error	RC/JU	Not Ok
6	Q2633-02	FIBER-GLASS-TANK	BM050492.D	23 Jul 2025 16:18		RC/JU	Ok
7	Q2664-01	GDW3	BM050493.D	23 Jul 2025 16:57		RC/JU	Ok
8	Q2668-04	TP-2	BM050494.D	23 Jul 2025 17:37	Analyzed with MSMSD, Not used	RC/JU	Not Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Extraction Start Date : 07/23/2025

Matrix : Water

Extraction Start Time : 09:00

Weigh By: N/A

Extraction By: RS

Extraction End Date : 07/23/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 14:00

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH , 1.5ML Vial Lot # 2210443.

KD Bath ID: WATER BATH-1,2

Envap ID: NE VAP-02

KD Bath Temperature: 60 °C

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/23/25	RS (Ext Lab)	Relisvoc
14:05	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 07/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168971BL	SBLK971	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168971BS	SLCS971	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168971BS D	SLCSD971	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2633-02	FIBER-GLASS-TANK	SVOC-TCL BNA -20	900	6	RUPESH	ritesh	1	N		4
Q2664-01	GDW3	SVOCMS Group2	980	6	RUPESH	ritesh	1	C		5

Rs
7/23

Feb 28 9 11 AM '16

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2664 WorkList ID : 190897 Department : Extraction Date : 07-23-2025 08:50:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2633-02	FIBER-GLASS-TANK	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	07/17/2025	8270E
Q2664-01	GDW3	Water	SVOCMS Group2	Cool 4 deg C	GENV01	O33	07/21/2025	8270E

Date/Time 7/23/25 8:55
Raw Sample Received by: RS (EXT-64)
Raw Sample Relinquished by: CP SN

Date/Time 7/23/25 9:30
Raw Sample Received by: CP SN
Raw Sample Relinquished by: RS (EXT-64)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: G environmental
ADDRESS: 8 CARRIAGE
CITY: Shrewsbury STATE: NT ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Nelson
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G environmental
ADDRESS: 8 CARRIAGE
CITY: Shrewsbury STATE: NT ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 days DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) Other
EDD FORMAT MS178

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	~~GD3W~~ GDW3	GW			X 7/21/25	1400	4		X		X						
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>HT</u>	DATE/TIME: <u>1430</u> <u>7-21-25</u>	RECEIVED BY: 1. <u>ET</u>	Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>4.0</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments: <u>5 day-TAT</u> <u>vac in chow</u> <u>1/2, 4 Keimethy/ber</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2664	GENV01	Order Date : 7/21/2025 2:32:00 PM	Project Mgr :
Client Name : G Environmental		Project Name : Nelson	Report Type : NJ Reduced
Client Contact : Gary Landis		Receive DateTime : 7/21/2025 2:30:00 PM	EDD Type : Excel NJ
Invoice Name : G Environmental		Purchase Order :	Hard Copy Date :
Invoice Contact : Gary Landis			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2664-01	GDW3	Water	07/21/2025	14:00		VOCMS Group1	8260-Low		5 Bus. Days

Relinquished By : CL
Date / Time : 7/21/25

15:20

Received By : Sami
Date / Time : 07/21/25 15:20 Rg #4

Storage Area : VOA Refridgerator Room